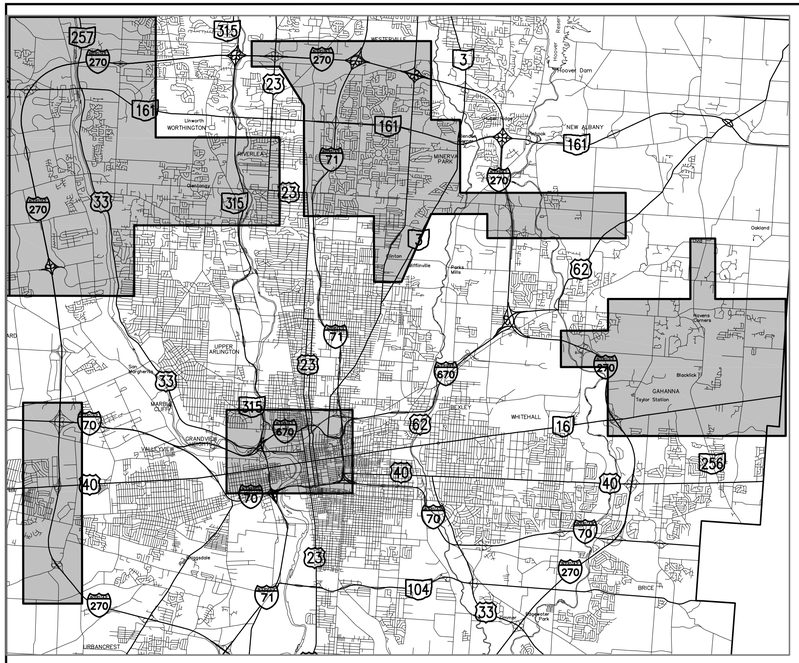
CITY OF COLUMBUS, OHIO
DEPARTMENT OF PUBLIC SERVICE
DIVISION OF DESIGN AND CONSTRUCTION

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B

FRA-COLUMBUS TRAFFIC SIGNAL SYSTEM-PHASE B

VOLUME 2 OF 3



LOCATION MAP

– PROJECT AREA

P.O.B. = LATITUDE: 40° 06' 54" N LONGITUDE: 82° 59' 34" W

SCALE IN MILES

0 2 4 8

STUDY AREA
SEE SHEET 2 OF 1107

VOL. 1 – INTERSECTIONS: SHEETS 1 TO 370
VOL. 2 – INTERSECTIONS AND INTERCONNECT: SHEETS 371 TO 719
VOL. 3 – COMMUNICATIONS: SHEETS 720 TO 1107

PROJECT DESCRIPTION

THE PURPOSE OF THE CTSS PHASE PROJECTS IS TO MIGRATE THE COLUMBUS TRAFFIC SIGNAL SYSTEM TO AN OPEN ARCHITECTURE THAT CAN SERVE CENTRAL OHIO STAKEHOLDERS WITH SYSTEM CONNECTIVITY AND INTEROPERABILITY. PHASE B WILL INSTALL NEW HEAD END SOFTWARE. 318 SIGNALIZED INTERSECTIONS, 19 NEW CCTV, AND 19 EXISTING CCTV WILL BE CONNECTED TO THE SOFTWARE THROUGH A COMMUNICATIONS NETWORK INSTALLED IN PHASE A. CONNECTIONS WILL BE MADE VIA A FIBER OPTIC AND WIRELESS ETHERNET NETWORK.

2010 ODOT SPECIFICIATIONS

THE SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED SHALL GOVERN ANY ITEMS THAT REFERENCE THE 2010 CONSTRUCTION AND MATERIAL SPECIFICATIONS.

CITY OF COLUMBUS APPROVALS

CITY OF COLUMBUS SIGNATURES ON THIS PLAN SIGNIFY ONLY CONCURRENCE WITH THE GENERAL PURPOSES AND GENERAL LOCATION OF THE PROJECT. ALL TECHNICAL DETAILS REMAIN THE RESPONSIBILITY OF THE ENGINEER PREPARING THE PLANS.

INDEX OF VOLUME 2 SHEETS

TITLE SHEET 371
LEGEND 372
INDEX SHEETS 373-382
VOLUME 2 SUB-SUMMARY 383-388
INTERSECTION DETAILS AND QUANTITY SHEETS 389-465
WIRELESS SCHEMATICS 466-472
INTERCONNECT SHEETS AND QUANTITY SHEETS 473-719

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2762 DR. E

FEDERAL PROJECT NUMBER E036(481)

PID NUMBER 13034

TITLE SHEET VOLUME 2 OF 3

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

371
1107

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TRAFFIC LEGEND

- SIGNAL HEAD
- TR — EXISTING TRAFFIC CONDUIT
- PROPOSED WOODEN UTILITY POLE
- EXISTING WOODEN UTILITY POLE
- SP — EXISTING STRAIN POLE
- CB — EXISTING SIGNAL CONTROLLER
- CB — SIGNAL CONTROLLER REPLACED
- PS — EXISTING POWER SUPPLY
- MAST ARM
- RAMP METER, EXISTING
- CCTV — CCTV DEVICE, EXISTING
- CCTV DEVICE, PROPOSED
- OVERHEAD SIGN STRUCTURE, EXISTING
- DETECTOR LOOP, EXISTING
- DETECTOR STATION, EXISTING
- VDS CABINET, EXISTING
- PROPOSED WIRELESS ANTENNA
- EXISTING PULL BOX
- PROPOSED PULL BOX
- EXISTING ITS EQUIPMENT CABINET
- PROPOSED ITS EQUIPMENT CABINET
- EXISTING COMMUNICATION NODE
- PROPOSED COMMUNICATION NODE
- SPLICE — EXISTING SPLICE ENCLOSURE
- EXISTING PEDESTRIAN SIGNAL/ CROSSWALK PUSH BUTTON POLE
- PED — PEDESTRIAN CROSSWALK SIGNAL
- AMP — COAXIAL AMPLIFIER CABINET
- RED — RED LIGHT CAMERA ASSEMBLY
- VD — EXISTING VIDEO TRAFFIC DETECTOR

UTILITY LEGEND

- CATCH BASIN
- SEWER GRATE
- HYDRANT
- MANHOLE
- C — COMBINED MANHOLE
- D — STORM MANHOLE
- S — SANITARY MANHOLE
- STM — STORM MANHOLE (2)
- W — WATER VALVE
- SD — STORM DRAIN
- S — SANITARY LINE
- W — WATER
- C — COMBINED LINE
- E — E — UNDERGROUND ELECTRIC LINE

PROPOSED ITS LINETYPES

- UGFBR — PROPOSED FIBER IN PROPOSED CONDUIT
- UGPWR — PROPOSED POWER IN PROPOSED CONDUIT
- ICNEW — PROPOSED AERIAL FIBER INTERCONNECT
- C5NEW — PROPOSED AERIAL CAT 5
- OHPWR — PROPOSED AERIAL POWER
- PROPOSED RG6 DROP CABLE IN EXISTING CONDUIT
- C5OVL — PROPOSED AERIAL CAT 5 OVERLASHED
- ICOVL — PROPOSED AERIAL INTERCONNECT OVERLASHED
- ICRPL — PROPOSED AERIAL INTERCONNECT REPLACEMENT
- PROPOSED FIBER IN EXISTING CONDUIT
- PROPOSED CAT 5 IN EXISTING CONDUIT
- UGC5 — PROPOSED CAT 5 IN PROPOSED CONDUIT
- STFBR — PROPOSED FIBER IN PROPOSED CONDUIT ATTACHED TO STRUCTURE
- STRC5 — PROPOSED CAT 5 IN PROPOSED CONDUIT ATTACHED TO STRUCTURE
- STPWR — PROPOSED POWER IN PROPOSED CONDUIT ATTACHED TO STRUCTURE
- x — IC — x — EXISTING INTERCONNECT TO BE REMOVED
- CCTV COMPOSITE CABLE

POWER, LIGHTING AND COMMUNICATIONS LEGEND

- LIGHTING CENTER
- L — LIGHTING CONDUIT
- P — POWER CONDUIT
- T — TELECOMMUNICATIONS CONDUIT
- HIGH MAST LIGHTING TOWERS
- T — EXISTING TELECOMMUNICATION PULL BOX
- E — EXISTING ELECTRICAL PULL BOX
- LUMINARIES
- LIGHT POLES
- UTILITY POLES
- POWER/LIGHT POLES

LAND FEATURE LEGEND

- RAILROAD
- LAKES, RIVERS AND STREAMS
- HEADWALL
- UT — EXISTING UNDERGROUND TANKS
- NOISE WALL
- CABLE BARRIER
- CENTER LINE
- LA RW — LIMITED ACCESS (RIGHT OF WAY)
- R/W — RIGHT OF WAY LINE
- SH — SH — STANDARD HIGHWAY RIGHT OF WAY
- WS R/W — WS RIGHT OF WAY
- EDGE OF PAVEMENT
- ROAD DASH STRIPING
- LANE STRIPING
- U/E — U/E — UTILITY EASEMENT
- FLAG POLE

EXISTING UTILITY POLES

POLE TYPE

- SP — STRAIN POLE
- LP — LIGHT POLE
- MP — MISC. UTILITY POLE

CONNECTION TYPE

- PC — POLE CLAMP
- SO — STAND OFF
- NC — NOT CONNECTED

AEP — 1865463 760636 — AEP POLE WITH XY COORDINATES

DOPW — 760636 — DOPW WITH SIX DIGIT ID

AT&T — 1877088 758521 — AT&T POLE WITH XY COORDINATES

UNK — NO ID — EXISTING POLE MISSING ID

ABBREVIATIONS

BTW – BETWEEN
CFN – COLUMBUS FIBERNET
CN – CITYNET (HYLAND)
COC – CITY OF COLUMBUS
CONT. – CONTROLLER
CTSS – COLUMBUS TRAFFIC SIGNAL SYSTEM
DOPW – DEPARTMENT OF POWER AND WATER
DOT – DEPARTMENT OF TECHNOLOGY
EA – EACH
EX. – EXISTING
IC – INTERCONNECT
LF – LINEAR FEET
PB – PULL BOX
PR. – PROPOSED
STA. – STATION
TR or TRF – TRAFFIC
UNK – UNKNOWN
UT – UNDERGROUND TANKS
W/ – WITH

2762 DR. E

FEDERAL PROJECT NUMBER E036(481)

PID NUMBER 13034

LEGEND & ABBREVIATIONS

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

372 / 1107

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EXISTING COC MASTER SIGNALIZED INTERSECTIONS

EXISTING COC SIGNALIZED INTERSECTIONS

FUTURE COC SIGNALIZED INTERSECTIONS

FRANKLIN COUNTY SIGNALIZED INTERSECTIONS

PID NUMBER
13034

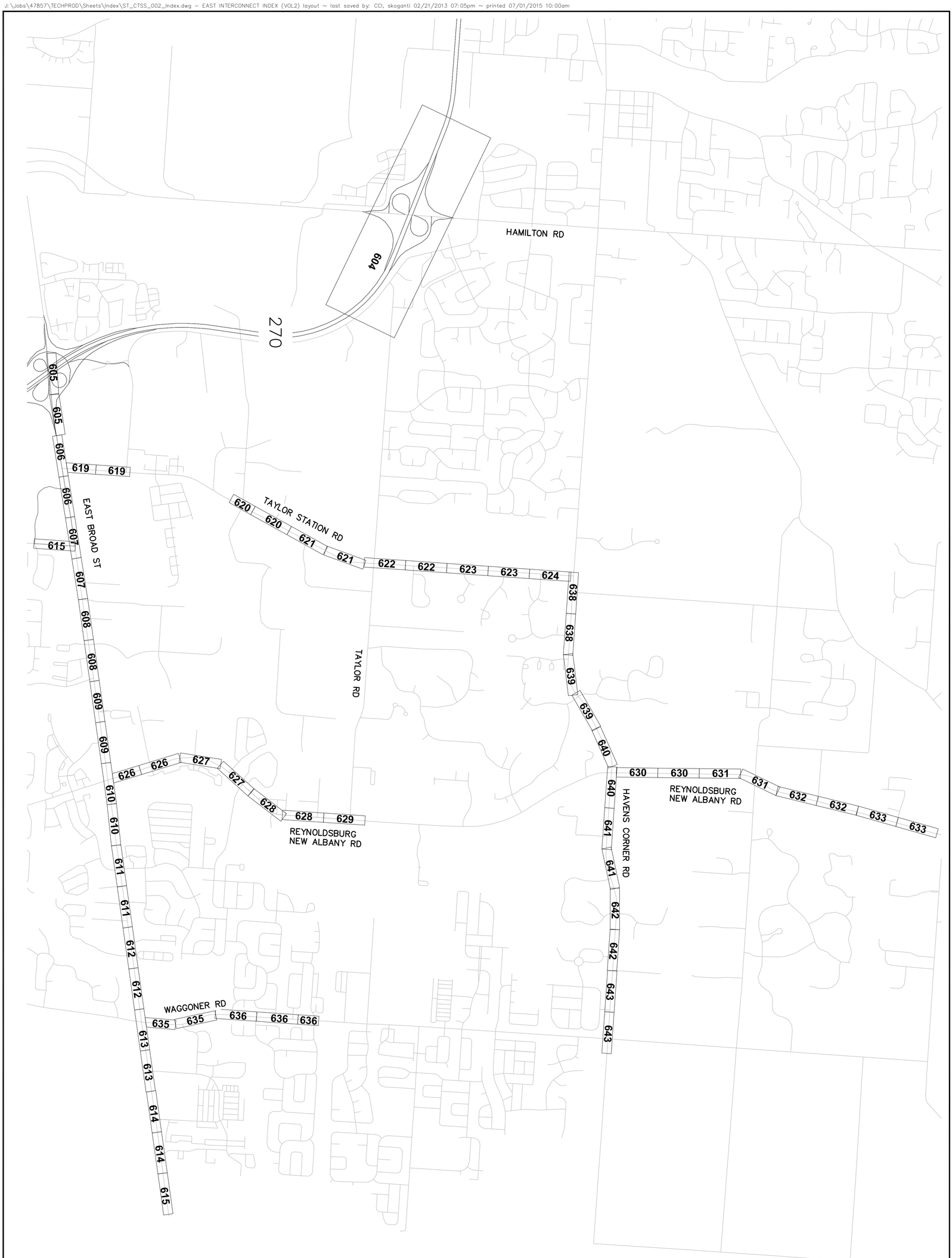
OUTLYING AREAS
INTERSECTION OR INTERCONNECT INDEX PLAN

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

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374 1107	CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)	EAST COLUMBUS HAVENS CORNER AREA INTERCONNECT SHEET INDEX	PID NUMBER 13034	



LEGEND

- ● EXISTING COC SIGNALIZED INTERSECTIONS
  XXXX, (XXX) – INTERSECTION #, (SHEET #)
- ○ FUTURE COC SIGNALIZED INTERSECTIONS

NOTE: SEE SHEETS 380–382 FOR INTERSECTION INDEX TABLE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 600 1200

PID NUMBER 13034

DOWNTOWN AREA
INTERSECTION INDEX PLAN

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

375
1107

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315
OLENTANGY RIVER RD
503
503
505
GOODALE ST
505
506
506
507
VINE ST
499
507
482
483
483
GOODALE ST
CLEVELAND AVE
513
513
512
512
670
473
473
DUBLIN RD
474
474
US33/DUBLIN TO I-670 W
I-670 E TO US33/DUBLIN
475
475
476
SPRING ST
SOUDER AVE
476
NEIL AVE
498
498
496
496
MARCONI BLVD
495
501
501
NATIONWIDE BLVD
487
487
482
1ST N HIGH ST
498
CHESTNUT ST
480
480
LONG ST
492
492
491
491
492
GAY ST
492
GRANT AVE
WASHINGTON AVE
515
515
SPRING ST
517
518
71
E BROAD ST
OAK ST
510
510
PARSONS AVE
W BROAD ST
486
GWC CENTER DR
495
486
FRONT ST
S HIGH ST
THIRD ST
FOURTH ST
FIFTH ST
479
479
STATE ST
TOWN ST
RICH ST
494
485
478
495
LUDLOW ST
E MAIN ST
509
509
FIFTH ST
GRANT AVE
494
485
489
489
2ND ST
MOUND ST
FULTON ST
478
70
LIVINGSTON AVE
489
315
70
71

2762 DR. E

HORIZONTAL SCALE IN FEET
0
600
1200

PID NUMBER
13034

DOWNTOWN AREA
INTERCONNECT SHEET INDEX

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

376
1107

GALLOWAY RD

NORTON RD

656

655

654

653

270

70

650

650

649

649

648

648

647

647

646

646

645

GEORGESVILLE RD

WEST BROAD ST

HALL RD

CLIME RD

SULLIVANT AVE

WILSON RD

HAGUE RD

PID NUMBER
13034

SOUTHWEST COLUMBUS 270/GEORGESVILLE AREA
INTERCONNECT SHEET INDEX

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

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1107

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MATCH LINE A

270

SUMMIT VIEW RD

DUBLIN–GRANVILLE RD

SAWMILL RD

MARTIN RD

HARD RD

MATCH LINE A

DUBLIN RD

TUTTLE CROSSING BLVD/RD

FRANTZ RD

270

HILLIARD CEMETERY RD

FISHINGER BLVD/RD

270

WEST CASE RD

SAWMILL RD

BETHEL RD

GODOWN RD

REED RD

HENDERSON RD

KENNY RD

315

RIVER RD

OLENTANGY

NORTHWEST AREA
INTERCONNECT SHEET INDEX

PID NUMBER
13034

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

378
1107

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NORTH – NORTHEAST AREA
INTERCONNECT SHEET INDEX

PID NUMBER
13034

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

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1107

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INT #	Alt Int #	X-Coord	Y-Coord	Street 1	Street 2	SHEET #
0001		1831097.0	718730.0	Cleveland Ave.	Jack Gibbs Blvd.	67
0002		1831078.0	718458.0	Cleveland Ave.	I-670 EB On Ramp	68
0003		1831021.0	717625.0	Cleveland Ave.	Mt. Vernon Ave.	70
0004		1827315.0	717487.0	Front St.	Nationwide Blvd.	73
0005		1827809.0	717560.0	High St.	Nationwide Blvd.	74
0006		1829071.0	717636.0	Fourth St.	Naghten St. & Mt. Vernon Ave. & Nationwide Blvd	75
0007		1831206.0	720445.0	Cleveland Ave.	Fort Hayes	77
0008		1827882.0	717049.0	Chestnut St.	High St.	79
0009		1828630.0	717152.0	Chestnut St.	Third St.	80
0010		1829116.0	717223.0	Chestnut St.	Fourth St.	76
0012		1825592.0	716425.0	Neil Ave.	Spring St.	81
0013		1826969.0	716419.0	Marconi Blvd.	Spring St.	82
0014		1829183.0	716750.0	Front St.	Spring St.	83
0015		1827952.0	716561.0	High St.	Spring St.	85
0016		1828700.0	716667.0	Spring St.	Third St.	87
0017		1829185.0	716739.0	Fourth St.	Spring St.	86
0018		1830651.0	716886.0	Grant Ave.	Spring St.	88
0019		1830981.0	716965.0	Cleveland Ave.	Spring St.	90
0020		1831748.0	717157.0	Spring St.	Washington Ave.	92
0021		1830577.0	714158.0	Sixth St.	Town St.	91
0022		1827040.0	715930.0	Long St.	Marconi Blvd.	93
0023		1827527.0	716000.0	Front St.	Long St.	94
0024		1828022.0	716071.0	High St.	Long St.	97
0025		1828769.0	716179.0	Long St.	Third St.	96
0026		1829255.0	716248.0	Fourth St.	Long. St.	98
0027		1830711.0	716461.0	Grant Ave.	Long St.	101
0028		1831024.0	716513.0	Cleveland Ave.	Long St.	102
0029		1831825.0	716628.0	Long St.	Washington Ave.	99
0030		1832578.0	716731.0	Long St.	Jefferson Ave.	199
0031		1827366.0	713170.0	Civic Center Dr.	Rich St.	103
0033		1827595.0	715515.0	Front St.	Gay St.	104
0034		1828091.0	715585.0	Gay St.	High St.	105
0035		1828838.0	715692.0	Gay St.	Third St.	107
0036		1829325.0	715762.0	Fourth St.	Gay St.	110
0038		1830779.0	715970.0	Gay St.	Grant Ave.	111
0039		1827281.0	714953.0	Broad St.	Civic Center Dr. & Marconi Blvd.	113
0040		1827669.0	715010.0	Broad St.	Front St.	114
0041		1828910.0	715183.0	Broad St.	Third St.	109
0042		1829397.0	715255.0	Broad St.	Fourth St.	116
0043		1829920.0	715330.0	Broad St.	Fifth St.	119
0044		1830393.0	715399.0	Broad St.	Sixth St.	117
0045		1830852.0	715464.0	Broad St.	Grant Ave.	121
0046		1831162.0	715509.0	Broad St.	Cleveland Ave.	122
0047		1831970.0	715625.0	Broad St.	Washington Ave.	120
0048		1832962.0	715767.0	Broad St.	I-71 SB Off Ramp	123
0049		1833249.0	715770.0	Broad St.	I-71 NB Off Ramp	125
0050		1833498.0	715843.0	Broad St.	Parsons Ave.	126
0051		1830921.0	714979.0	Grant Ave.	Oak St.	127
0052		1832039.0	715144.0	Oak St.	Washington Ave.	129
0053		1833488.0	715354.0	Oak St.	Parsons Ave.	131
0054		1827778.0	714244.0	Front St.	State St.	137
0055		1828271.0	714323.0	High St.	State St.	132
0056		1829020.0	714428.0	State St.	Third St.	133

INT #	Alt Int #	X-Coord	Y-Coord	Street 1	Street 2	SHEET #
0057		1829504.0	714500.0	Fourth St.	State St.	134
0058		1830505.0	714644.0	Sixth St.	State St.	135
0059		1830959.0	714710.0	Grant Ave.	State St.	128
0061		1827848.0	713766.0	Front St.	Town St.	138
0062		1828342.0	713836.0	High St.	Town St.	139
0063		1829089.0	713944.0	Third St.	Town St.	140
0064		1829574.0	714014.0	Fourth St.	Town St.	141
0065		1831026.0	714222.0	Grant Ave.	Town St.	143
0066		1832145.0	714383.0	Town St.	Washington Ave.	144
0067		1833433.0	714493.0	Bryden Rd. & Town St.	Parsons Ave.	145
0068		1827918.0	713280.0	Front St.	Rich St.	150
0069		1828412.0	713353.0	High St.	Rich St.	151
0070		1829162.0	713462.0	Rich St.	Third St.	152
0071		1829644.0	713526.0	Fourth St.	Rich St.	153
0072		1831096.0	713735.0	Grant Ave.	Rich St.	155
0073		1827508.0	712724.0	Main St.	Second St.	160
0074		1827986.0	712791.0	Front St.	Main St.	161
0075		1828481.0	712864.0	High St.	Main St.	162
0076		1829229.0	712972.0	Main St.	Third St.	163
0077		1829714.0	713040.0	Fourth St.	Third St.	156
0078		1830244.0	713118.0	Fifth St.	Third St.	157
0079		1831166.0	713248.0	Grant Ave.	Third St.	158
0080		1832286.0	713412.0	Main St.	Washington Ave.	146
0081		1833375.0	713545.0	Main St.	Parsons Ave.	147
0082		1828056.0	712305.0	Front St.	Mound St.	164
0083		1828551.0	712374.0	High St.	Mound St.	166
0084		1829300.0	712484.0	Mound St.	Third St.	167
0085		1829784.0	712552.0	Fourth St.	Mound St.	168
0086		1831006.0	717382.0	Cleveland Ave.	Naghten St.	71
0087		1828621.0	711891.0	Fulton St.	High St.	169
0088		1829366.0	712003.0	Fulton St.	Third St.	174
0089		1829850.0	712078.0	Fourth St.	Fulton St.	175
0090		1828155.0	711622.0	Front St.	Fulton St. & Livingston Ave.	172
0091		1828666.0	711559.0	High St.	Livingston Ave.	170
0092		1829417.0	711628.0	Livingston Ave.	Third St.	176
0093		1828164.0	715082.0	Broad St.	High St.	115
0094		1830174.0	713603.0	Fifth St.	Rich St.	178
0095		1832546.0	713446.0	I-71 SB On & Off Ramp	Main St.	149
0096		1827575.0	712243.0	Mound St.	Second St.	173
0098		1828874.0	715451.0	Lynn Alley	Third St.	108
0099		1825641.0	717235.0	Nationwide Blvd.	Neil Ave.	184
0101		1822754.0	716469.0	Dublin Rd.	SR-315 NB	297
0102		1822180.0	716544.0	Dublin Rd.	Souder Ave.	298
0103		1821754.0	716768.0	Dublin Rd.	SR 315 SB On Ramp & I-670 EB Off Ramp	299
0104		1820819.0	716969.0	Dublin Rd.	I-670 WB On Ramp	300
0105		1820349.0	716936.0	Dublin Rd.	Twin Rivers Dr.	301
0106		1827060.0	718460.0	Front St. & Park St.	Vine St.	179
0107		1827672.0	718499.0	High St.	Vine St.	180
0108		1827390.0	716961.0	Front St.	Nationwide Garage	181
0109		1826470.0	716372.0	Spring St.	West St.	182
0112		1826307.0	718515.0	Kilbourne St.	Vine St.	188
0113		1825664.0	717675.0	Brodbelt Ln.	Neil Ave.	185
0116		1832699.0	717339.0	Lester Dr.	Spring St.	203

2762 DR. E

PID NUMBER
13034

INTERSECTION INDEX TABLE
1 OF 3

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

380
1107

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INT #	Alt Int #	X-Coord	Y-Coord	Street 1	Street 2	SHEET #
0117		1833171.0	717403.0	Elijah Pierce Dr.	Spring St.	202
0118		1832832.0	716768.0	Lester Dr.	Long St.	201
0126		1831052.0	718031.0	Cleveland Ave.	Jefferson Ave.	69
1034		1796904.0	707830.0	Georgesville Rd.	Sullivant Ave North	359
1035		1796833.0	707305.0	Atlanta Dr.	Georgesville Rd.	360
1036		1796731.0	706605.0	Georgesville Rd.	Sullivant Ave South	362
1052		1796279.0	705531.0	Clime Rd. North	Georgesville Rd.	358
1053		1795891.0	704577.0	Clime Rd.	Georgesville Rd.	354
1096		1793501.0	700351.0	Automall Dr. & Holt Rd.	Georgesville Rd.	350
1099		1795036.0	701650.0	Georgesville Rd.	I-270 NB Ramps	351
1100		1794214.0	700763.0	Georgesville Rd.	I-270 SB Ramps	352
1101		1795439.0	702284.0	Georgesville Rd.	Parkwick Dr.	356
1103		1795620.0	703466.0	Georgesville Rd.	Hall Rd.	357
1104		1794828.0	696415.0	Alkire Rd.	Holt Rd.	363
1105		1791782.0	699834.0	Boltonfield St.	Georgesville Rd.	353
1107		1794751.0	698747.0	Holt Rd.	Holt Run Dr.	364
3029		1831777.2	746204.9	Cooke Rd.	Maize Rd.	407
3052		1833482.0	716860.0	Long St.	Hamilton Ave.	200
3071		1872325.0	722801.0	Celestica & Westbourne Rd.	Taylor Station Rd.	304
3072		1872285.5	722233.5	Medical Center Dr.	Taylor Station Rd.	303
3080		1872216.2	721094.8	E. Broad St.	Taylor Station Rd.	305
3081		1874287.0	721437.0	E. Broad St.	McNaughten Rd.	306
3082		1877770.0	721929.0	E. Broad St.	Rosehill Rd.	307
3083		1880499.0	722313.0	E. Broad St.	Reynoldsburg New Albany Rd.	309
3084		1879489.0	722178.0	E. Broad St.	Eastpointe Shopping Center	310
3085		1878690.0	722060.0	E. Broad St.	Giant Eagle Center	311
3092		1859238.0	749294.0	Morse Rd.	Stygler Rd.	409
3154		1838555.0	740188.0	Cleveland Ave.	Oakland Park Ave.	288
3159		1841460.0	746917.0	Cleveland Ave.	Ferris Rd.	289
3161		1855002.0	749604.0	I-270 SB Ramps	Morse Rd.	410
3162		1856164.0	749527.0	I-270 NB Ramps	Morse Rd.	411
3163		1857170.0	749441.0	Appian Way & Limited Pkwy	Morse Rd.	412
3164		1860365.0	749213.0	Cherrybottom Rd.	Morse Rd.	413
3165		1831937.0	748646.0	Garden Rd.	Maize Rd.	406
3167		1875260.0	721587.0	E. Broad St.	Celestica Dr. & Speedway	312
3168		1828866.0	719452.0	Fourth St.	Goodale St.	191
3209		1850179.0	749893.0	Morse Rd.	Sunbury Rd.	415
3228		1853600.0	749685.0	Morse Rd.	Stelzer Rd.	416
3229		1853980.0	746265.0	Easton Way	Stelzer Rd.	422
3231		1852510.0	749746.0	Easton Loop & Easton Sq	Morse Rd.	417
3237		1851426.0	749814.0	Morse Rd.	Morse Crossing	419
3263		1888252.5	723401.3	E. Broad St.	Meijer	313
3264		1886927.0	723210.0	E. Broad St.	Waggoner Rd.	315
3265		1891332.0	723828.0	E. Broad St.	Limited Dr & TS Center & TS Center	316
3267		1876909.0	721805.0	Brice Rd.	E. Broad St.	317
3274		1882860.0	722633.0	Bannockburn Blvd.	E. Broad St.	318
3279		1889507.0	723581.0	E. Broad St.	Cedar Cliff	319
3290		1844029.0	750297.0	Chesford Rd.	Morse Rd.	418
3291		1846061.0	750177.0	Morse Rd.	Westerville Rd.	421
3303		1886888.0	727797.0	Chapel Stone Rd.	Waggoner Rd.	322
3306		1887044.0	730578.0	Kennedy Rd.	Waggoner Rd.	323
4030		1817949.0	747884.0	Henderson Rd.	Lauraland Dr.	389
4031		1816696.0	748044.0	Henderson Rd.	Knightsbridge Blvd. & Desantis Dr.	390

INT #	Alt Int #	X-Coord	Y-Coord	Street 1	Street 2	SHEET #
4066		1825720.0	718842.0	Neil Ave.	Spruce St.	186
4067		1827100.0	719225.6	Goodale St.	Park St.	195
4068		1825447.0	719337.0	Goodale Blvd.	Neil Ave.	192
4070		1823232.0	719452.0	Goodale St.	SR-315 NB Ramps	194
4071		1822064.0	719486.0	Goodale St.	Olentangy River Rd. & Twin Rivers Dr.	197
4075		1825702.0	718467.0	Neil Ave.	Vine St.	187
4085		1822031.0	720071.0	Olentangy River Rd.	SR-315 SB Ramps	193
4092		1811101.0	748395.0	Henderson Rd.	Larwell Dr.	391
4108		1820723.0	747746.0	Henderson Rd.	Olentangy Blvd.	392
4109		1819527.0	747800.0	Henderson Rd.	SR-315 NB Ramps	393
4110		1819082.0	747822.0	Henderson Rd.	Olentangy River Rd.	395
4111		1814628.0	748248.0	Henderson Rd.	Kenny Rd.	396
4112		1812346.0	748344.0	Henderson Rd.	Winterset Dr.	397
4113		1809789.0	748618.0	Henderson Rd.	Reed Rd.	398
4114		1808392.0	749322.0	Gettysburg Rd. & Green Tree Center Dr.	Henderson Rd.	399
4115		1807438.0	749806.0	Dierker Rd.	Henderson Rd.	401
4116		1814604.0	747691.0	Kenny Rd.	Old Henderson Rd.	402
4117		1819063.0	748972.0	Jasonway Ave.	Olentangy River Rd.	403
4118		1818040.0	751874.0	Bethel Rd.	Olentangy River Rd.	275
4120		1812604.0	752144.0	Bethel Rd.	Godown Rd.	276
4121		1809926.0	752279.0	Bethel Rd.	Reed Dr.	277
4122		1808749.0	752340.0	Bethel Rd.	McKitrick Blvd.	278
4125		1802451.0	752656.0	Bethel Rd.	Sawmill Rd.	424
4126		1803022.0	764316.0	Dublin Granville Rd.	Sawmill Rd.	443
4141		1817304.0	751910.0	Bethel Rd.	Olentangy Plaza & Olentangy Sq.	279
4142		1815383.0	752001.0	Bethel Rd.	Kenny Rd.	280
4144		1803120.0	767077.0	Sawmill Rd.	Snouffer Rd.	444
4145		1797044.0	753632.0	Dublin Rd. & Frantz Rd.	Hayden Run Rd.	340
4155		1802832.0	760064.0	Cranston Dr.	Sawmill Rd.	445
4164		1807572.0	752390.0	Bethel Rd.	Dierker Rd.	282
4165		1802978.0	763431.0	Martin Rd	Sawmill Rd.	446
4166		1802627.0	755809.0	Sawmill Rd.	West Case & Abbey Church Rd.	425
4167		1809847.0	750435.0	Francisco Rd	Reed Rd.	286
4169		1803074.0	765240.0	Banker Dr. & Sawmill Place Blvd.	Sawmill Rd.	448
4170		1803108.0	766102.0	Federated Blvd.	Sawmill Rd.	449
4171		1802921.0	762184.0	Meijer	Sawmill Rd.	450
4176		1803287.0	770009.0	Billingsley Rd.	Sawmill Rd.	432
4177		1803317.0	770594.0	Bright Rd. & Sawbury Blvd.	Sawmill Rd.	433
4178		1803372.0	771946.0	Hard Rd.	Sawmill Rd.	434
4179		1803441.0	773500.0	Sawmill Rd.	Summer Rd.	436
4180		1803497.0	774345.0	Saltergate Dr.	Sawmill Rd.	437
4185		1802513.0	753764.0	Resler Dr.	Sawmill Rd.	427
4186		1803341.0	752601.0	Bethel Rd.	Carriage Place Shopping Center	428
4187		1804326.0	752557.0	Bethel Rd.	Pickforde Dr.	430
4188		1794207.0	757266.0	Frantz Rd.	Tuttle Crossing Blvd.	464
4190		1804080.0	763552.0	Dublin Granville Rd.	Martin Rd.	451
4192		1816327.0	751954.0	Bethel Rd.	Jasonway Ave.	283
4197		1802834.0	761230.0	Krier Dr. & Tuller Pkwy.	Sawmill Rd.	452
4200		1789359.0	756443.0	Britton Pkwy.	Tuttle Crossing Blvd.	459
4201		1790239.0	756589.0	I-270 SB Ramps	Tuttle Crossing Blvd.	460
4202		1791000.0	756714.0	I-270 NB Ramps	Tuttle Crossing Blvd.	461
4203		1791996.0	756880.0	Blazer Pkwy.	Tuttle Crossing Blvd.	462
4206		1805707.0	765053.0	Bent Tree Blvd.	Federated Blvd.	456

2762 DR. E

PID NUMBER 13034

INTERSECTION INDEX TABLE 2 OF 3

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

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INT #	Alt Int #	X-Coord	Y-Coord	Street 1	Street 2	SHEET #
4209		1803597.0	776945.0	Sawmill Rd.	Summit View Rd. West	438
4211		1794770.0	754961.0	Frantz Rd	Shannon Heights Blvd.	341
4213		1796732.0	738665.0	Fishinger Blvd.	Mill Run Dr.	346
4214		1795845.0	739005.0	Fishinger Blvd.	Spring Mills Dr.	347
4216		1806426.0	750316.0	Arlington Center Blvd.	Henderson Rd.	404
4218		1804731.0	763087.0	Dublin Granville Rd.	Sawmill Place Blvd.	454
4220		1803648.0	767056.0	Caine Rd.	Snouffer Rd.	455
4221		1796843.0	754054.0	Dublin Rd.	Frantz Rd.	342
4222		1792649.0	757086.0	Bradenton Ave.	Tuttle Crossing Blvd.	463
4228		1793597.0	752738.0	Camden Place Dr.	Hayden Run Rd.	343
4229		1805088.0	764596.0	Bent Tree Blvd.	Sawmill Place Blvd.	457
4231		1803621.0	777448.0	Sawmill Rd.	Summit View Rd. East	439
4235		1812911.0	755160.0	Godown Rd.	Pepperell Dr. & West Case Rd.	284
4238		1802400.0	752200.0	Giant Eagle	Sawmill Rd.	431
4246		1827060.0	718460.0	Goodale St.	Vine St. & Michigan Ave.	190
4251		1803691.0	779007.0	Chapman Elementary School	Sawmill Rd.	440
4253	UA14	1802395.0	751159.0	Henderson Rd.	Sawmill Rd.	426
4254		1822044.0	721310.0	Olentangy River Rd.	Time Warner Dr. & Gowdy Field Dr.	198
4255		1803199.0	768682.0	I-270 (SPUI)	Sawmill Rd.	442
4258		1792675.0	752454.0	Edwards Farm Rd.	Hayden Run Rd.	344
Bth315nb	ODOT	1819889.0	751862.0	Bethel Rd.	SR-315 NB Ramps	285
GEOIND		1797015.0	708718.0	Georgesville Rd.	Industrial Mile Rd.	369
N005		1828247.0	751327.0	Indianola Ave.	Morse Rd.	205
N006		1828948.0	752356.0	I-71 SB Off Ramp	Sinclair Rd.	209
N007		1828873.0	751288.0	Morse Rd.	Sinclair Rd.	206
N008		1829369.0	751270.0	I-71 NB Ramps	Morse Rd.	207
N009		1830646.0	751192.0	Morse Rd.	Sandy Lane Rd.	214
N010		1832101.0	751101.0	Maize Rd.	Morse Rd.	215
N011		1833380.0	750997.0	Almont Rd.	Morse Rd.	217
N012		1834876.0	750873.0	Karl Rd.	Morse Rd.	218
N013		1835767.0	750812.0	Morse Rd.	Northland Ridge Dr.	219
N014		1836688.0	750773.0	Morse Rd.	Tamarack Blvd.	220
N015		1837633.0	750736.0	Heaton Rd.	Morse Rd.	221
N016		1839232.0	750643.0	Morse Rd.	Northtowne Blvd. & Walford St.	223
N017		1840391.0	750563.0	Malin Dr.	Morse Rd.	224
N018		1829070.0	754485.0	Freeway Dr. North	Sinclair Rd.	211
N019		1829148.0	756058.0	Lincoln Ave.	Sinclair Rd.	212
N020		1834990.0	752579.0	Karl Rd.	Red Robin Rd.	227
N021		1835067.0	753697.0	Karl Rd.	Norma Rd.	229
N022		1835155.0	754979.0	Karl Rd.	Penworth Dr.	230
N023		1835278.0	756840.0	Karl Rd.	Sandelwood Pl.	231
N024		1835471.0	759961.0	Karl Rd.	Granville Center Dr. & Karl Ct.	232
N025		1842153.0	757709.0	Cleveland Ave.	Teakwood Dr.	236
N026		1829257.0	760896.0	Dublin Granville Rd.	Huntley Rd. & Sinclair Rd.	213
N027		1830598.0	760819.0	Busch Blvd.	Dublin Granville Rd.	241
N028		1831699.0	760758.0	Dublin Granville Rd.	I-71 SB Ramps	242
N029		1832612.0	760705.0	Dublin Granville Rd.	I-71 NB Ramps	243
N030		1833886.0	760655.0	Ambleside Dr. & Satinwood Dr.	Dublin Granville Rd.	244
N031		1835505.0	760551.0	Dublin Granville Rd.	Karl Rd.	233
N032		1837104.0	760462.0	Dublin Granville Rd.	Sharon Woods Blvd. & Tamarack Blvd.	245
N033		1838504.0	760378.0	Beechcroft Rd.	Dublin Granville Rd.	247
N034		1839705.0	760292.0	Dublin Granville Rd.	Maple Canyon Ave.	248
N035		1840733.0	760140.0	Dublin Granville Rd.	Parkville St. & Spring Run Dr.	249

INT #	Alt Int #	X-Coord	Y-Coord	Street 1	Street 2	SHEET #
N036		1842286.0	759737.0	Cleveland Ave.	Dublin Granville Rd.	250
N037		1846181.0	758625.0	Dublin Granville Rd.	Ponderosa Dr.	251
N038		1830648.0	761619.0	Busch Blvd.	Shapter Ave.	253
N039		1843849.0	759327.0	Dublin Granville Rd.	Forest Hills Blvd.	254
N040		1841695.0	750461.0	Cleveland Ave.	Morse Rd.	225
N041		1841865.0	753079.0	Cleveland Ave.	Northwold Rd. & Taymouth Rd.	237
N042		1830482.0	765254.0	Busch Blvd.	Kingsmill Pkwy.	255
N043		1830519.0	766029.0	Busch Blvd.	Schrock Rd.	256
N044		1831888.0	766404.0	Doubletree Ave.	Schrock Rd.	257
N045		1834685.0	767206.0	Ambleside Dr.	Schrock Rd.	259
N046		1830059.0	751225.0	Evanswood Dr.	Morse Rd.	208
N047		1835747.0	767151.0	Karl Rd.	Schrock Rd.	260
N048		1838944.0	767832.0	Schrock Rd.	Sharon Woods Blvd.	261
N049		1842861.0	769056.0	Cleveland Ave.	Schrock Rd.	262
N050		1842645.0	765390.0	Cleveland Ave.	Community Park Dr.	263
N051		1842609.0	764889.0	Cleveland Ave.	Corporate Exchange Dr.	265
N052		1842478.0	762841.0	Blendon Woods Dr.& Laurelwood Dr.	Cleveland Ave.	266
N053		1842357.0	760949.0	Cleveland Ave.	Columbus Square Dr. & Fuji Dr.	267
N054		1830404.0	763805.0	Atlantic Ave.	Busch Blvd.	268
N055		1842210.0	758590.0	Cleveland Ave.	Meijer & Northland Plaza	270
N056		1842784.0	767807.0	Cleveland Ave.	I-270 WB Off Ramps	271
N057		1842107.0	768906.0	Schrock Rd.	Schrock Hill Ct.	272
N058		1835367.0	758157.0	Karl Rd.	Karl Rd. Library	235
N059		1837117.0	767478.0	Schrock Rd.	Skywae Dr.	273
N060		1841913.0	753823.0	Bretton Woods & Edmonton Rd.	Cleveland Ave.	238
N061		1841993.0	755127.0	Cleveland Ave.	Wallcrest Blvd.	239
N062		1841638.0	749603.0	Cleveland Ave.	Huntington Bank Dr.	226
sig4050		1881961.8	744500.0	Clark State Rd	Reynoldsburg-New Albany Rd	332
sig4055	6912	1840219.0	745108.0	Cleveland Ave.	Cooke Rd. & Pegg Rd.	290
sig4060	6909	1838709.0	741571.0	Cleveland Ave.	Huy Rd.	291
sig4065	6910	1839001.0	742413.0	Cleveland Ave.	Innis Rd	292
sig4070	6911	1839525.0	743982.0	Cleveland Ave.	Elmore Ave	294
sig4100		1799706.2	739363.9	Dublin Rd.	Fishinger Rd.	337
sig4105		1799606.9	742204.5	Dublin Rd.	Hilliard-Cemetery Rd.	338
sig4140	6902	1797115.0	709579.0	Georgesville Rd.	Lincoln Park Ct.	365
sig4145	6904	1797270.0	710794.0	Georgesville Rd.	Shopper's Ln. North	368
sig4146	6903	1797225.5	710434.1	Georgesville Rd.	Shopper's Ln. South	366
sig4180		1880305.2	735690.0	Havens Corners Rd.	Reynoldsburg New-Albany Rd.	325
sig4360		1840724.6	745806.1	Cleveland Ave.	CTFD	295
sig4720		1797678.0	739064.3	Fishinger Rd.	Smiley Rd.	348
sig4790		1874218.0	720363.0	McNaughten Rd.	Sister Nancy Ganse Ln. & Stornoway Dr.	321
sig4795		1887371.6	735597.6	Havens Corners Rd.	Waggoner Rd.	326
sig4815		1874746.9	729377.7	Taylor Rd.	Taylor Station Rd.	327
sig4820		1875077.8	734685.0	Havens Corners Rd.	Taylor Station Rd.	328
sig4840		1887177.0	732612.0	Jefferson Run & Royal Elm Dr.	Waggoner Rd.	333
sig4845		1880619.0	725886.0	Blacklick Ridge Blvd.	Reynoldsburg-New Albany Rd.	329
sig4855		1886324.7	719104.3	Rodebaugh Rd.	Waggoner Rd.	331
sig4875		1881556.1	728742.0	Reynoldsburg-New Albany Rd	Taylor Rd	334
sig4890		1886597.1	721040.1	Waggoner Rd	Waggoner Rd School	335

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2762 DR. E

PID NUMBER 13034

INTERSECTION INDEX TABLE 3 OF 3

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

ESTIMATED QUANTITIES

	202	202	202	608	609	625	625	625	625	625	625	625	625	625	625	625	625			
	CURB REMOVED	EXISTING CONDUIT CLEANED, AS PER PLAN	WALK REMOVED	8" CONCRETE WALK, AS PER PLAN	CURB, STRAIGHT 18", AS PER PLAN	BRACKET ARM, 30', AS PER PLAN	CONDUIT, 2", 725.05, AS PER PLAN	CONDUIT, 3", 725.05, AS PER PLAN	CONDUIT, CONCRETE ENCASED, 3", 725.05, AS PER PLAN	CONDUIT, CONCRETE ENCASED, 4-3", 725.05, AS PER PLAN	CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, 725.05, 3", AS PER PLAN	CONDUIT, MISC.: 4" CONDUIT, FIBER-GLASS REINFORCED, ATTACHED TO STRUCTURE	NO. 2 AWG 600 VOLT DISTRIBUTION CABLE	NO. 4 AWG 600 VOLT DISTRIBUTION CABLE	NO. 8 AWG 600 VOLT DISTRIBUTION CABLE	POWER SERVICE, AS PER PLAN	PULL BOX, 18", AS PER PLAN			
	FT	FT	SF	SF	FT	EACH	FT	FT	FT	FT	FT	FT	FT	FT	FT	EACH	EACH			
SHEET NO.																				
394																				
400						2														
405																				
408																				
414																				
420						1														
423	10		200	200	10				45											
429						1														
435																				
441																				
447						1														
453																				
458																				
465																				
477		5,590						639		2,885	152									
481		6,270																		
484		3,935																		
488		5,962																		
490		2,206																		
493		3,954																		
497		6,722																		
500		4,044						32												
502		2,402																		
504		1,756																		
508		5,549																		
511		2,665																		
514		1,893																		
516																				
519		2,389																		
522							885	4,986			50		2,895			1	4			
526																				
534		1,722						984												
552		1,669																		
553		793																		
554		6,781						200												
555		3,708						1,608			366									
567		5,054																		
568		3,897																		
569							753	3,506			244	355	2,309			1	3			
571							115	4,328			86		360				1			
580																				
SUB TOTAL																				
	10	78,961	200	200	10	5	1,753	16,283	45	2,885	898	355	5,564	-	-	2	8			

2762 DR. E

PID NUMBER 13034

SUB SUMMARY
VOLUME 2 – SHEET 1A

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

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ESTIMATED QUANTITIES

	625	625	625	625	625	632	632	632	632	632	632	633	633	633	633	633	633	633	633	
	PULL BOX, MISC.: CONCRETE, 32"	PULL BOX, MISC.: CONCRETE, 48"	PULL BOX, REMOVED, AS PER PLAN	TRENCH IN PAVED AREA, AS PER PLAN	TRENCH, 36" DEEP, AS PER PLAN	CONDUIT: 2" RISER, AS PER PLAN	INTERCONNECT CABLE, 12 PAIR, NO. 19 AWG, SOLID, REA (PE-39)	INTERCONNECT CABLE, MISC.: RG-6 COAXIAL CABLE	MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES	SIGNALIZATION, MISC.: CCTV IP-CAMERA SYSTEM	WOOD POLE	CABINET FOUNDATION	CABINET, TYPE 334, AS PER PLAN	CONTROLLER ITEM, MISC.: COMMUNICATIONS NODE	CONTROLLER ITEM, MISC.: FIBER OPTIC ETHERNET TRANSCEIVER	CONTROLLER ITEM, MISC.: INTERNAL ETHERNET MODULE	CONTROLLER ITEM, MISC.: LAYER 2 ETHERNET SWITCH	CONTROLLER ITEM, MISC.: LAYER 3 ETHERNET SWITCH	CONTROLLER ITEM, MISC.: TERMINAL PORT SERVER	
SHEET NO.	EACH	EACH	EACH	FT	FT	EACH	FT	FT	FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	
394															9	1	5		3	
400						1			113	2					13		5		4	
405						1			14	1					6		4		2	
408									75						4		2			
414	1														10		5		5	
420						1			166	2					12		5		3	
423				45		1				2					4		2			
429									42	1					12		5		4	
435						1			15						10		5		5	
441									433						10		5		5	
447									368	1					13		5		5	
453						1			84						10		5		5	
458									100						3		4		3	
465										2					12		6		5	
477	12			966	2,284										6			1		
481																				
484																				
488								166												-
490																				-
493									6									1		-
497																				-
500		1			8															-
502																				-
504																				-
508						2			523											-
511						2			1,828											-
514						1			1,744											-
516																				-
519						1														-
522	7	1			3,378	1								1	7			1		-
526									4,820											-
534					492	2														
552						3			8,890											-
553						4			10,783											-
554					200				1,616											-
555	5				804										4					-
567						1			2,613											-
568						3			7,685	2					2		2			-
569	9				2,510	3			455											-
571	6	1			2,279									1	4			1		-
580									6,964											-
SUB TOTAL																				
	40	3	-	1,011	11,955	29	-	166	49,337	13	-	-	-	2	151	1	65	4	49	

2762 DR. E

PID NUMBER 13034

SUB SUMMARY
VOLUME 2 – SHEET 1B

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

384
1107

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ESTIMATED QUANTITIES

	633	633	633	633	804	804	804	804	804	804	804	804	804	804	804	815				
	CONTROLLER UNIT, TYPE TS2/A2, AS PER PLAN	INTERCONNECT, MISC.: CAT 5E CABLE, OUTDOOR RATED	INTERCONNECT, MISC.: OVERLASH TO EXISTING INTERCONNECT	INTERCONNECT, MISC.: REMOVE EXISTING OVERHEAD INTERCONNECT	FIBER OPTIC CABLE, MISC.: 24 STRAND CABLE	FIBER OPTIC CABLE, MISC.: 48 STRAND CABLE	FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE	FIBER OPTIC CABLE, MISC.: 288 STRAND CABLE	FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 24 TERMINATION	FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 48 TERMINATION	FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 144 TERMINATION	FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 288 TERMINATION	FIBER OPTIC CABLE, MISC.: 24 COUNT PRE-TERMINATED PATCH PANEL ASSEMBLY	SPLICE ENCLOSURE: OVERHEAD, AS PER PLAN	SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN	SPREAD SPECTRUM RADIO, AS PER PLAN				
	EACH	FT	FT	FT	FT	FT	FT	FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH				
SHEET NO.																				
394	1	362	262		584				5											
400	1		95		380	388			2	3										
405	2				472				4											
408	1			10	120				1											
414					595	105			5											
420	2				602				6											
423	1				856				3						2					
429	1				412	315			3	2										
435			116		904				5											
441					1,119				5											
447					557	413			3	2										
453			18		830				5											
458	1	349			285				2							4				
465	1				574				6											
477							10,488	4,734			3	2	1		10					
481							8,178								11					
484							4,900								3					
488							7,346								8		-	-	-	-
490							2,811								3		-	-	-	-
493			453				5,720				2				5		-	-	-	-
497							8,502								9		-	-	-	-
500							5,842								6		-	-	-	-
502							3,178								1		-	-	-	-
504							2,171								2		-	-	-	-
508				515			7,662								6		-	-	-	-
511							5,580							3	4		-	-	-	-
514							4,512							1	5		-	-	-	-
516			1,884				2,290							3			-	-	-	-
519			209				3,563								5		-	-	-	-
522					1,736		2,534		1		2		1		2		-	-	-	-
526				4,749			4,970							2			-	-	-	-
534			10,693				14,630								2					
552				8,759			12,409							7	3		-	-	-	-
553				7,884			13,909							6	2		-	-	-	-
554					522		9,405							1	7		-	-	-	-
555					75		6,727				2		1		4		-	-	-	-
567				2,575			8,847							1	4		-	-	-	-
568				7,572	2,087		12,689		2					5	1		-	-	-	-
569				1,298			2,716										-	-	-	-
571					4,396		661		1		2		1		3		-	-	-	-
580				6,757			8,217							6			-	-	-	-
SUB TOTAL																				
	11	711	13,730	40,119	17,106	1,221	180,457	4,734	59	7	11	2	4	35	108	4				

2762 DR. E

PID NUMBER 13034

SUB SUMMARY
VOLUME 2 – SHEET 2A

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

385
1107

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ESTIMATED QUANTITIES

	202	202	202	608	609	625	625	625	625	625	625	625	625	625	625	625	625			
	CURB REMOVED	EXISTING CONDUIT CLEANED, AS PER PLAN	WALK REMOVED	8" CONCRETE WALK, AS PER PLAN	CURB, STRAIGHT 18", AS PER PLAN	BRACKET ARM, 30', AS PER PLAN	CONDUIT, 2", 725.05, AS PER PLAN	CONDUIT, 3", 725.05, AS PER PLAN	CONDUIT, CONCRETE ENCASED, 3", 725.05, AS PER PLAN	CONDUIT, CONCRETE ENCASED, 4-3", 725.05, AS PER PLAN	CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, 725.05, 3", AS PER PLAN	CONDUIT, MISC.: 4" CONDUIT, FIBER-GLASS REINFORCED, ATTACHED TO STRUCTURE	NO. 2 AWG 600 VOLT DISTRIBUTION CABLE	NO. 4 AWG 600 VOLT DISTRIBUTION CABLE	NO. 8 AWG 600 VOLT DISTRIBUTION CABLE	POWER SERVICE, AS PER PLAN	PULL BOX, 18", AS PER PLAN			
	FT	FT	SF	SF	FT	EACH	FT	FT	FT	FT	FT	FT	FT	FT	FT	EACH	EACH			
SHEET NO.																				
581																				
586		85																		
600		64																		
601								1,753			504									
602							734	30			152		2,763			1	5			
616		337						2,208		1,387	434									
617																				
618		667					350	65			110			1,425		1				
625									27											
634																				
637																				
644																				
651		329						5,796		2,675	1,278									
652		3,617							46											
657		55					106	8,580							464	1	2			
658		10,007						11,932												
662		5,342						80												
666		9,889					204	1,449			147	207			571	1	3			
683		7																		
684																				
685		693						834			1,046									
686																				
698		273																		
699		749						2,682			112									
700							118	296			402				613	1	3			
703																				
712		5,180						16			221									
713		5,255						37			149									
718		2,378					637	1,132			272			2,151		1	4			
718		3,811						1,346	2,209		224									
SUB TOTAL																				
	-	48,738	-	-	-	-	2,149	38,236	2,282	4,062	5,051	207	2,763	3,576	1,648	6	17			

2762 DR. E

PID NUMBER 13034

SUB SUMMARY
VOLUME 2 – SHEET 2B

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

386
1107

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ESTIMATED QUANTITIES

	625	625	625	625	625	632	632	632	632	632	632	633	633	633	633	633	633	633	633	
	PULL BOX, MISC.: CONCRETE, 32"	PULL BOX, MISC.: CONCRETE, 48"	PULL BOX, REMOVED, AS PER PLAN	TRENCH IN PAVED AREA, AS PER PLAN	TRENCH, 36" DEEP, AS PER PLAN	CONDUIT: 2" RISER, AS PER PLAN	INTERCONNECT CABLE, 12 PAIR, NO. 19 AWG, SOLID, REA (PE-39)	INTERCONNECT CABLE, MISC.: RG-6 COAXIAL CABLE	MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES	SIGNALIZATION, MISC.: CCTV IP-CAMERA SYSTEM	WOOD POLE	CABINET FOUNDATION	CABINET, TYPE 334, AS PER PLAN	CONTROLLER ITEM, MISC.: COMMUNICATIONS NODE	CONTROLLER ITEM, MISC.: INTERNAL ETHERNET MODULE	CONTROLLER ITEM, MISC.: FIBER OPTIC ETHERNET TRANSCEIVER	CONTROLLER ITEM, MISC.: LAYER 2 ETHERNET SWITCH	CONTROLLER ITEM, MISC.: LAYER 3 ETHERNET SWITCH	CONTROLLER ITEM, MISC.: TERMINAL PORT SERVER	
	EACH	EACH	EACH	FT	FT	EACH	FT	FT	FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	
SHEET NO.																				
581									11,018											-
586						1			9,558											-
600						2			6,701											-
601	7				879	1			11,722											-
602		1			749									1		2		1		-
616	11	1			1,906	1										2				-
617									627											-
618					415						1			1		2		1		-
625					27				9,257											-
634									16,230		3									-
637									4,690											-
644									13,264											-
651	28			1,407	2,717				123											-
652					46				3,792		1									-
657	4	1			3,981									1		5		1		-
658	6				5,966											1				-
662	1				80															-
666	7		1		1,010						1	1	1			5	1			-
683									5,381											-
684									592											-
685	13		6		512	1			493							4				-
686									2,189											-
698						1			2,544											-
699	6				1,356	1			3,383											-
700	3				266						1			1		4		1		-
703									3,393											-
712	16		15		16	2			388											-
713	13		11		37				262							2				-
718	10		6		1,203		1,693		72		1			1		4		1		-
718	8			2,035	847															-
SUB TOTAL																				
	133	3	39	3,442	22,013	10	1,693	-	105,679	-	8	1	1	5	-	31	1	5	-	

2762 DR. E

PID NUMBER 13034

SUB SUMMARY
VOLUME 2 – SHEET 3A

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

387
1107

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ESTIMATED QUANTITIES

	633	633	633	633	804	804	804	804	804	804	804	804	804	804	804	815				
	CONTROLLER UNIT, TYPE TS2/A2, AS PER PLAN	INTERCONNECT, MISC.: CAT 5E CABLE, OUTDOOR RATED	INTERCONNECT, MISC.: OVERLASH TO EXISTING INTERCONNECT	INTERCONNECT, MISC.: REMOVE EXISTING OVERHEAD INTERCONNECT	FIBER OPTIC CABLE, MISC.: 24 STRAND CABLE	FIBER OPTIC CABLE, MISC.: 48 STRAND CABLE	FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE	FIBER OPTIC CABLE, MISC.: 288 STRAND CABLE	FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 24 TERMINATION	FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 48 TERMINATION	FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 144 TERMINATION	FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 288 TERMINATION	FIBER OPTIC CABLE, MISC.: 24 COUNT PRE-TERMINATED PATCH PANEL ASSEMBLY	SPLICE ENCLOSURE: OVERHEAD, AS PER PLAN	SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN	SPREAD SPECTRUM RADIO, AS PER PLAN				
	EACH	FT	FT	FT	FT	FT	FT	FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH				
SHEET NO.																				
581				10,854			12,476							7						
586				9,417			10,578							6						
600			7,452	3,756			15,644							9						
601				7,391			14,249							7	1					
602					265				1				1							
616			6,230		150		10,710		1		2		1	4	2					
617			14,775				16,752							9						
618					1,127				1				1		1					
625			1,472				11,316							3	1					
634							16,530							3						
637							4,765							1						
644							13,914							3						
651							5,776								4					
652				2,403			8,860							4	4					
657					375		534	5,967			4		1		2					
658					311			17,893	1				1		2					
662							6,157								3					
666		340			5,512		7,733		1		2	1			7	1				
683			7,613	145			14,385							7	1					
684			6,369	652			8,161							7						
685			5,545				9,341				2		1	5	2					
686			1,906				4,395							3						
698			6,032				10,196							6						
699			6,497				13,210							5	1					
700							498		1		1		1		2					
703							3,543							1						
712			5,077	167			12,367							6	2					
713			580				7,947				2		2		6					
718					449		2,357		1		2		1		1					
718							8,290								4					
SUB TOTAL																				
	-	340	69,548	34,785	8,189	-	250,684	23,860	7	-	15	1	10	96	46	1				

2762 DR. E

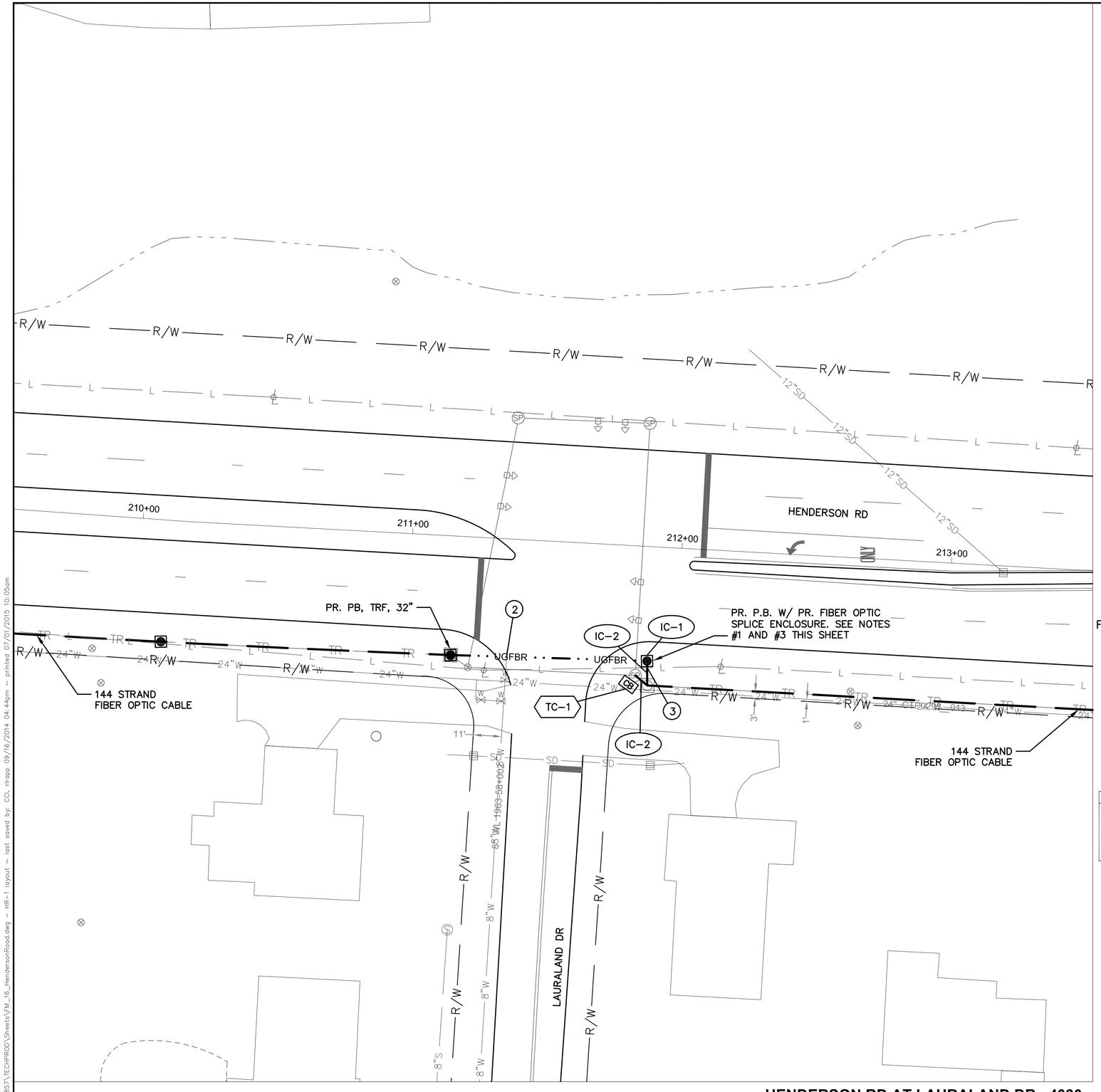
PID NUMBER 13034

SUB SUMMARY
VOLUME 2 – SHEET 3B

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

388
1107

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HENDERSON RD AT LAURALAND DR - 4030

INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 709 — INT #4030 WITH PROPOSED SIGNAL CONTROLLER — PROPOSED FIBER CABLE SEE SHEET 710

NOTES:

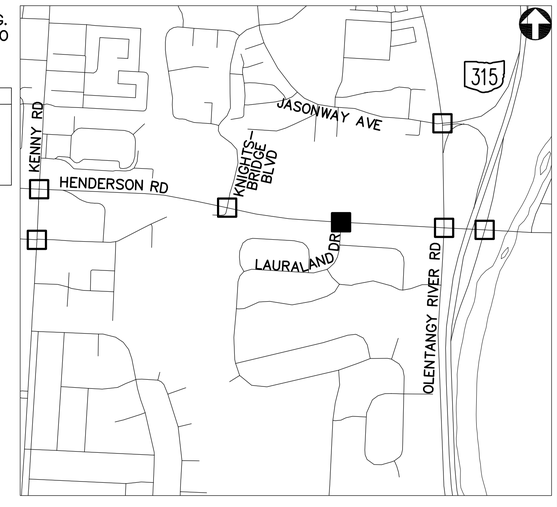
1. SEE SHEETS 709 AND 710 FOR INTERCONNECT PLANS BETWEEN INTERSECTIONS
2. SEE SHEET 394 FOR INTERSECTION QUANTITIES
3. SEE SHEET 914 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 15.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☒ WATER
- ☐ POWER
- ☒ LIGHTING



KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

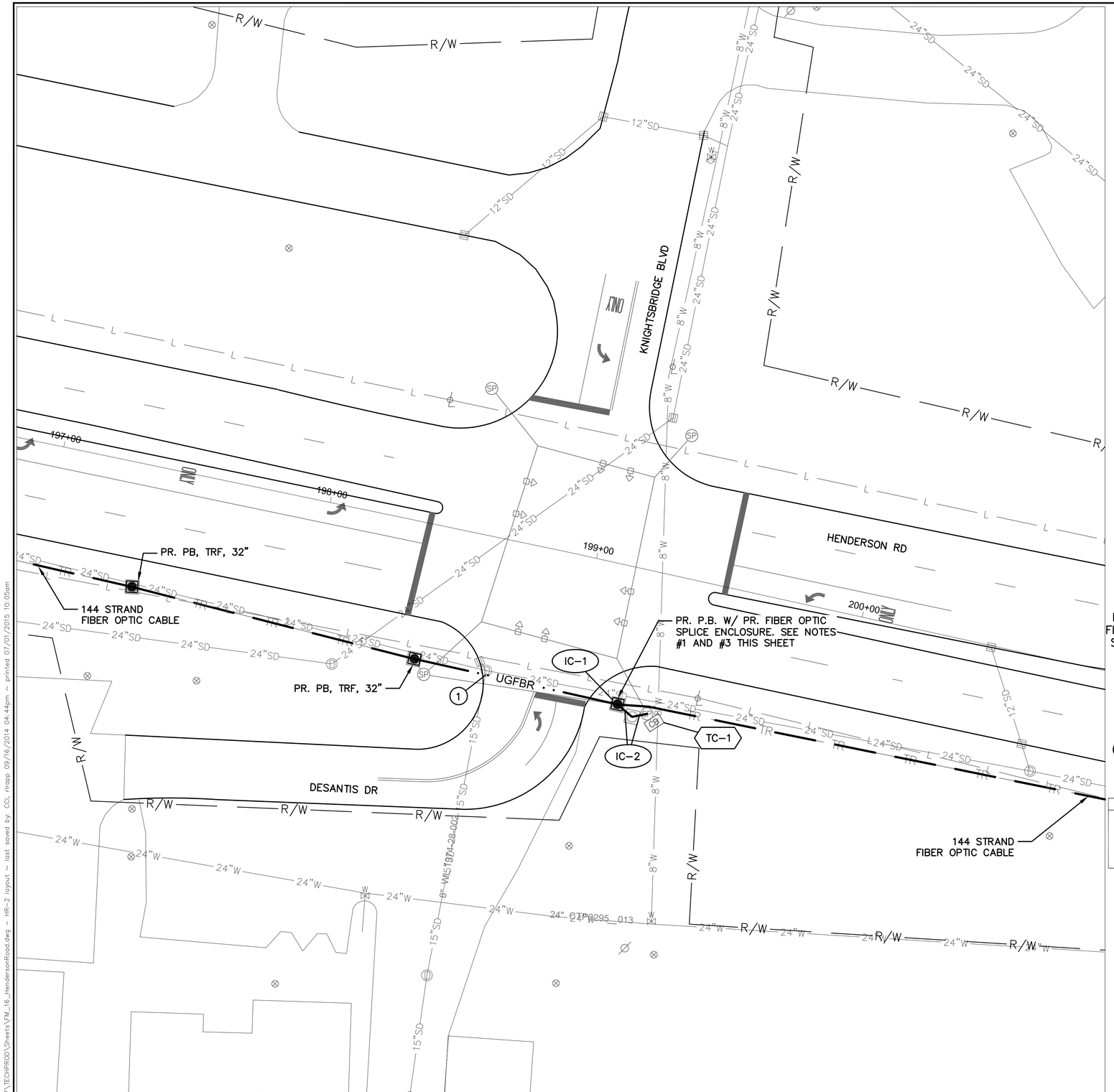
PID NUMBER 13034

HENDERSON RD AT LAURALAND DR INTERSECTION 4030

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

389
1107

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INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 709 — INT #4031 WITH EXISTING SIGNAL CONTROLLER — PROPOSED FIBER CABLE SEE SHEET 709

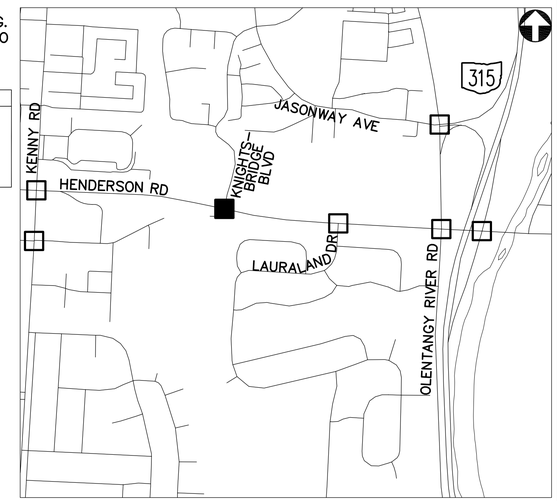
NOTES:

1. SEE SHEET 709 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 394 FOR INTERSECTION QUANTITIES
3. SEE SHEET 915 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 15.

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TWO WORKING DAYS BEFORE YOU DIG
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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- [x] SEWER
- [ ] WATER
- [ ] POWER
- [x] LIGHTING



KEY PLAN
NOT TO SCALE

HENDERSON RD AT KNIGHTSBRIDGE BLVD AND DESANTIS DR - 4031

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

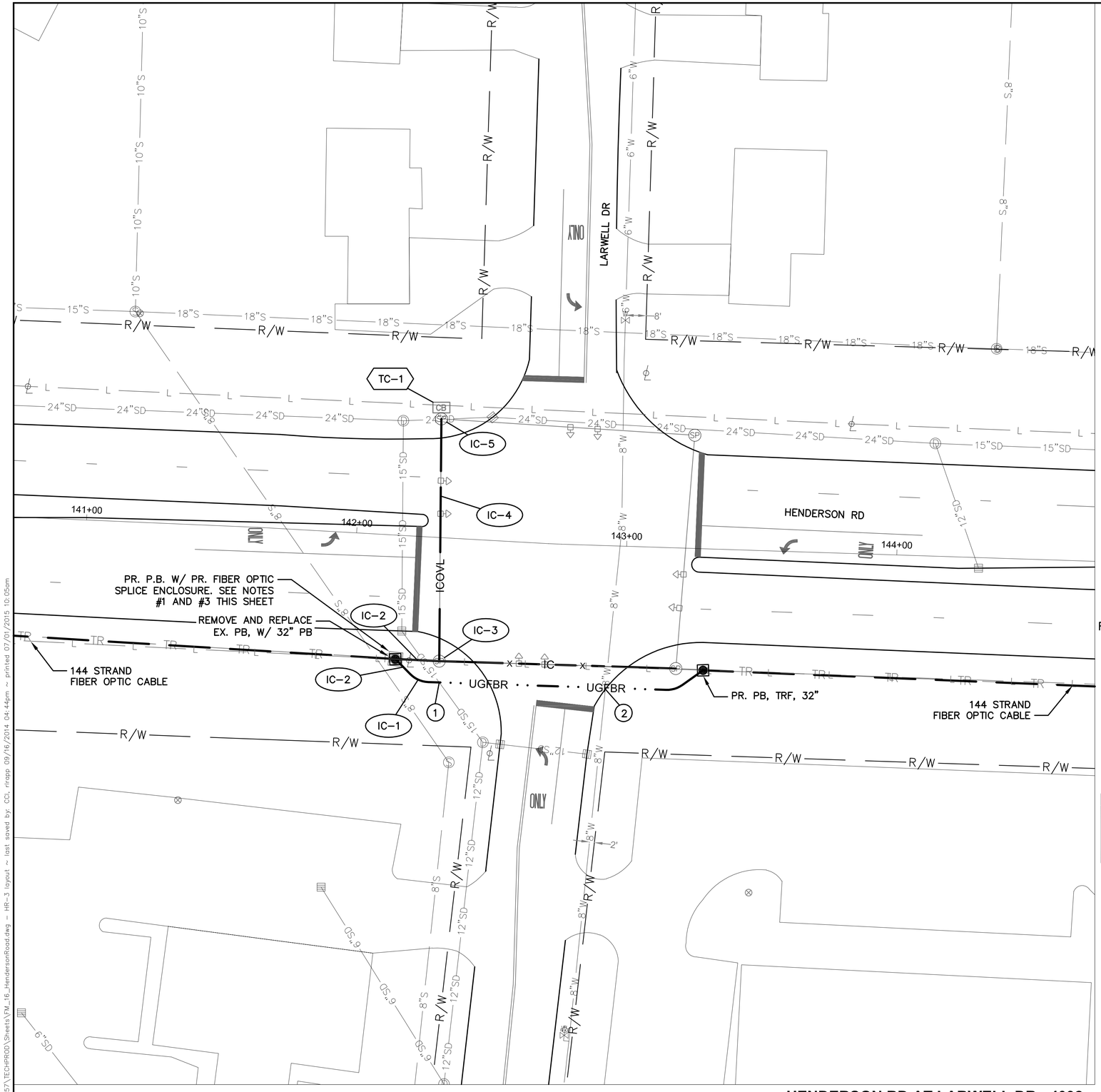
PID NUMBER 13034

HENDERSON RD AT KNIGHTSBRIDGE BLVD AND DESANTIS DR
INTERSECTION 4031

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

390
1107

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HENDERSON RD AT LARWELL DR - 4092

INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 706 — INT #4092 WITH EXISTING SIGNAL CONTROLLER — PROPOSED FIBER CABLE SEE SHEET 706

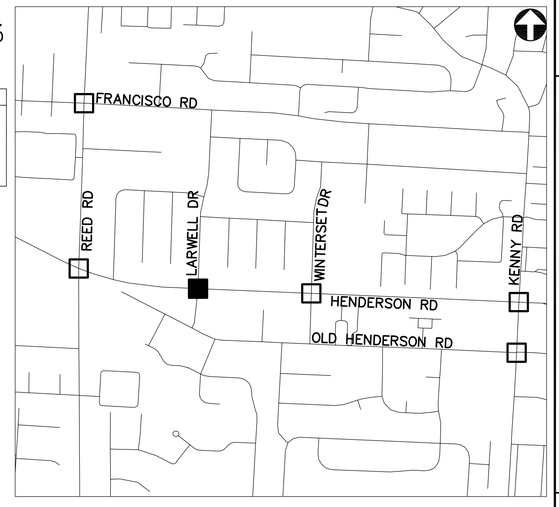
NOTES:

1. SEE SHEET 706 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 394 FOR INTERSECTION QUANTITIES
3. SEE SHEET 923 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 15.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- SEWER
- WATER
- POWER
- LIGHTING



KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

PID NUMBER 13034

HENDERSON RD AT LARWELL DR
INTERSECTION 4092

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

391
1107

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OLENTANGY BLVD

HENDERSON RD

238+00

239+00

240+00

241+00

IC-1

IC-2

TC-1

EX. P.B. W/ PR. FIBER OPTIC SPLICE ENCLOSURE. SEE NOTES #1 AND #3 THIS SHEET

PROPOSED FIBER CABLE SEE SHEET 711

INT #4108 WITH EXISTING SIGNAL CONTROLLER

INTERSECTION COMMUNICATIONS

NOTES:

1. SEE SHEET 711 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS

2. SEE SHEET 394 FOR INTERSECTION QUANTITIES

3. SEE SHEET 924 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES

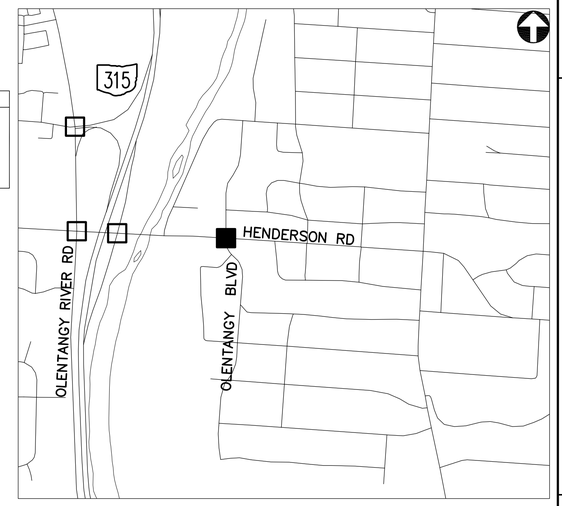
TWO WORKING DAYS BEFORE YOU DIG

CALL TOLL FREE 800-362-2764

OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- SEWER
- WATER
- POWER
- LIGHTING



KEY PLAN
NOT TO SCALE

HENDERSON RD AT OLENTANGY BLVD - 4108

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

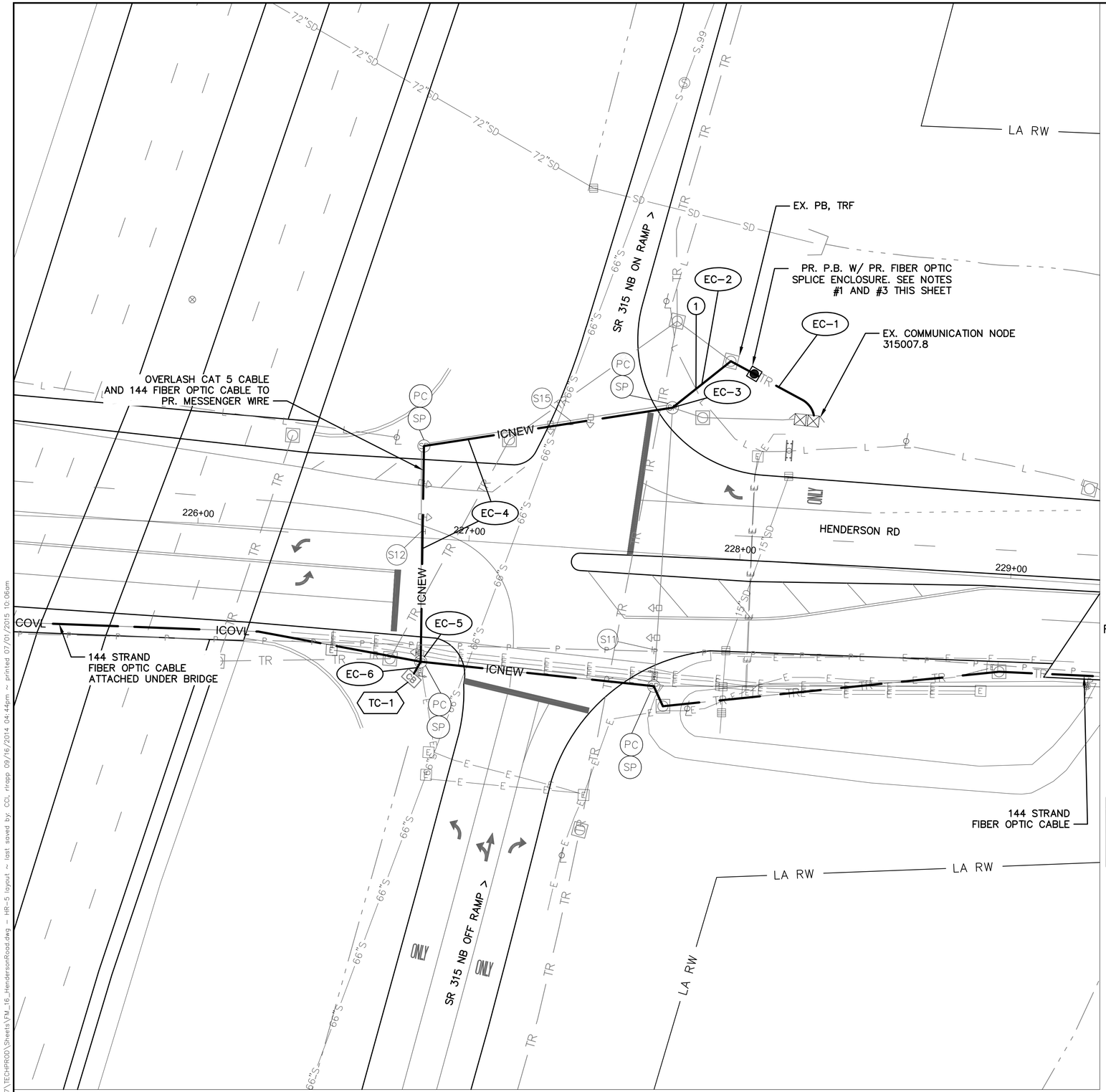
PID NUMBER 13034

HENDERSON RD AT OLENTANGY BLVD
INTERSECTION 4108

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

392
1107

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INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 711 — INT #4109 WITH EXISTING SIGNAL CONTROLLER — PROPOSED FIBER CABLE SEE SHEET 711

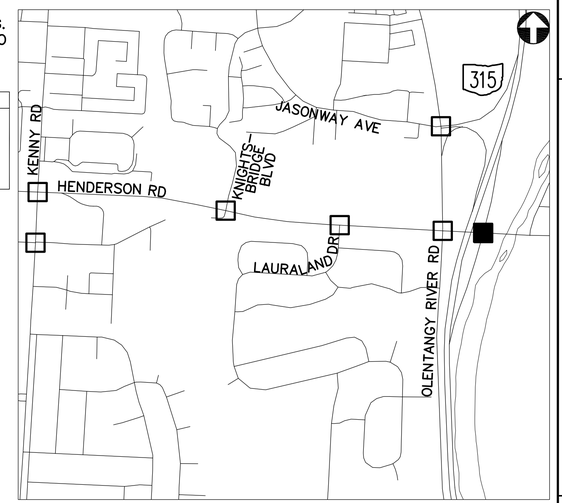
NOTES:

1. SEE SHEET 711 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 394 FOR INTERSECTION QUANTITIES
3. SEE SHEET 925 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 15.

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CITY OF COLUMBUS UTILITY LEGEND
- SEWER
- WATER
- POWER
- LIGHTING



KEY PLAN
NOT TO SCALE

HENDERSON RD AT SR-315 NB RAMPS - 4109

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

PID NUMBER 13034

HENDERSON RD AT SR-315 NB RAMPS
INTERSECTION 4109

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

393
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	STATION		633 CONTROLLER ITEM, MISC.: FIBER OPTIC ETHERNET TRANSCEIVER	633 CONTROLLER ITEM, MISC.: INTERNAL ETHERNET MODULE	633 CONTROLLER ITEM, MISC.: LAYER 2 ETHERNET SWITCH	633 CONTROLLER ITEM, MISC.: TERMINAL PORT SERVER	633 CONTROLLER UNIT, TYPE TS2/A2, AS PER PLAN	633 INTERCONNECT, MISC.: CAT 5E CABLE, OUTDOOR RATED	633 INTERCONNECT, MISC.: OVERLASH TO EXISTING INTERCONNECT	804 FIBER OPTIC CABLE, MISC.: 24 STRAND CABLE	804 FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 24 TERMINATION												
		FROM	TO	EACH	EACH	EACH	EACH	EACH	FT	FT	FT	EACH														
INTERSECTION 4030: HENDERSON RD. AT LAURALAND DR.																										
389	IC-1	211+90, 52' RT									75															
389	IC-2	211+90, 52' RT	211+85, 48' RT								27															
389	TC-1	211+85, 48' RT		2		1		1				1														
389	PULL BOX SLACK										10															
INT. 4031: HENDERSON RD. AT KNIGHTSBRIDGE BLVD. & DESANTIS DR.																										
390	IC-1	199+19, 51' RT									75															
390	IC-2	199+19, 51' RT	199+30, 52' RT								25															
390	TC-1	199+30, 52' RT		2		1	1					1														
390	PULL BOX SLACK										10															
INTERSECTION 4092: HENDERSON RD. AT LARWELL DR.																										
391	IC-1	142+17, 46' RT									75															
391	IC-2	142+17, 46' RT	142+33, 46' RT								27															
391	IC-3	142+33, 46' RT									35															
391	IC-4	142+33, 46' RT	142+29, 44' LT							90	90															
391	IC-5	142+29, 44' LT									35															
391	TC-1	142+29, 44' LT		2		1	1					1														
391	PULL BOX SLACK										10															
INTERSECTION 4108: HENDERSON RD. AT OLENTANGY BLVD.																										
392	IC-1	239+54, 22' RT									75															
392	IC-2	239+54, 22' RT	239+58, 25' RT								15															
392	TC-1	239+58, 25' RT		1	1	1						1														
INTERSECTION 4109: HENDERSON RD. AT SR-315 NB RAMPS																										
393	EC-1	228+21, 53' LT	227+92, 73' LT						65																	
393	EC-2	227+92, 73' LT	227+72, 54' LT						28																	
393	EC-3	227+72, 54' LT							35																	
393	EC-4	227+72, 54' LT	226+85, 46' RT						172	172																
393	EC-5	226+85, 46' RT							35																	
393	EC-6	226+85, 46' RT	226+82, 51' RT						17																	
393	TC-1	226+82, 51' RT		2		1	1					1														
393	PULL BOX SLACK								10																	
		SHEET TOTAL		9	1	5	3	1	362	262	584	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-

2762 DR. E

PID NUMBER 13034

INTERSECTION QUANTITIES
INTERSECTIONS 4030, 4031, 4092, 4108 AND 4109

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

394
1107

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144 STRAND FIBER OPTIC CABLE

144 STRAND FIBER OPTIC CABLE

144 STRAND FIBER OPTIC CABLE

OLENTANGY RIVER RD

HENDERSON RD

LA RW

ONLY

ICOVL

EX. P.B. W/ PR. FIBER OPTIC SPLICE ENCLOSURE. SEE NOTES #1 AND #3 THIS SHEET

IC-1

IC-2

TC-1

221+00

222+00

223+00

224+00

0+00

1+00

2+

R/W

PC

SP

LP

S15

S16

S19

24"W

30"SD

36"SD

42"W

15"SD

12"SD

8"W

36"S

INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 710

PROPOSED FIBER CABLE SEE SHEET 710

INT #4110 WITH EXISTING SIGNAL CONTROLLER

PROPOSED FIBER CABLE SEE SHEET 711

NOTES:

1. SEE SHEETS 710 AND 711 FOR INTERCONNECT PLANS BETWEEN INTERSECTIONS
2. SEE SHEET 400 FOR INTERSECTION QUANTITIES
3. SEE SHEET 926 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES

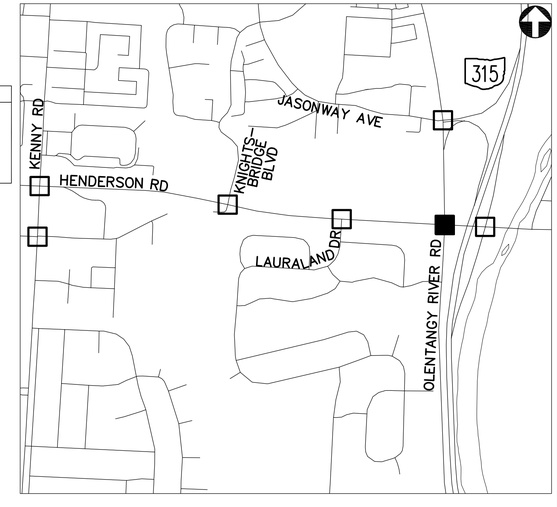
TWO WORKING DAYS BEFORE YOU DIG

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OHIO UTILITIES PROTECTION SERVICE

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- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



KEY PLAN
NOT TO SCALE

HENDERSON RD AT OLENTANGY RIVER RD - 4110

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

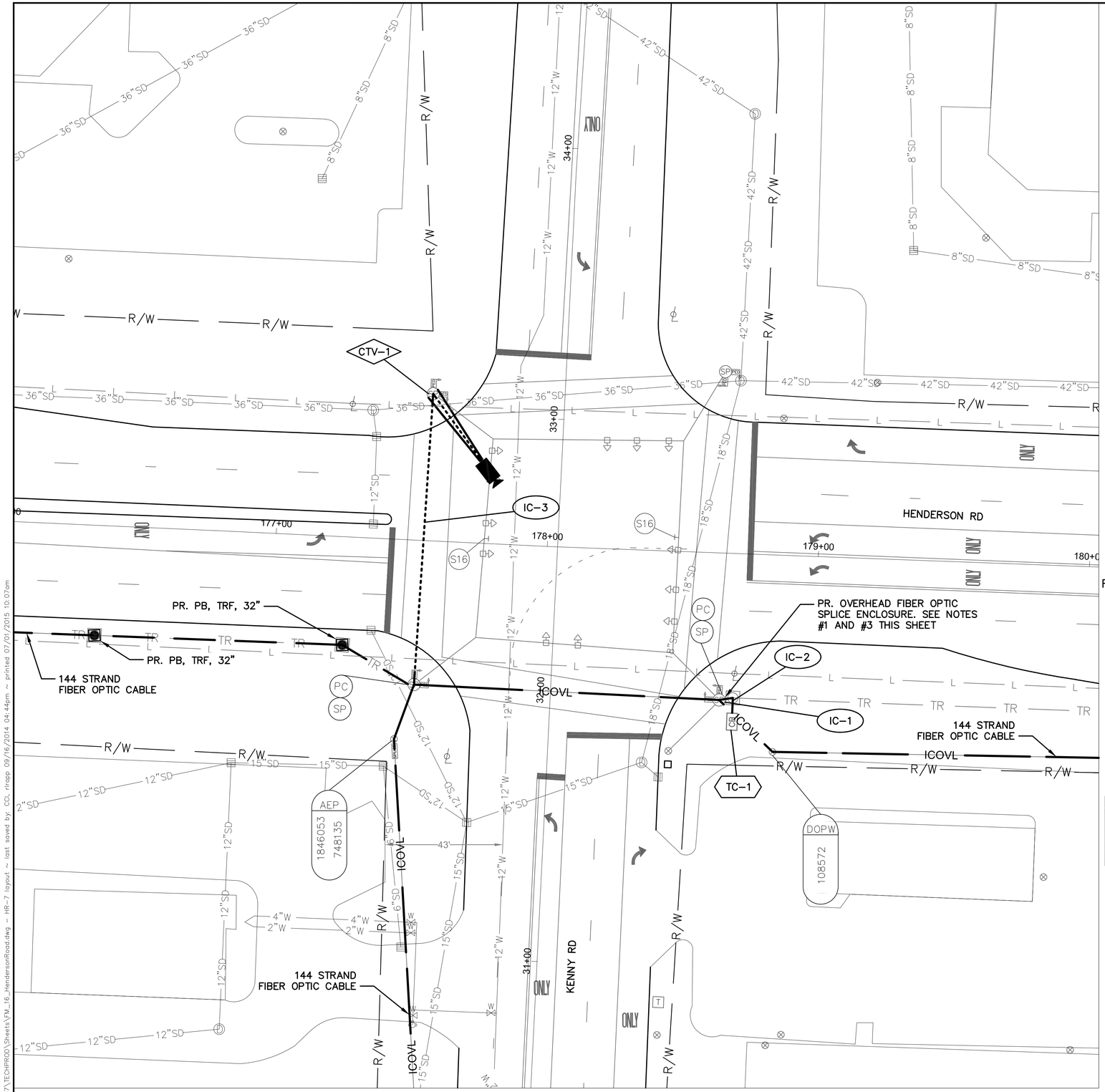
PID NUMBER 13034

HENDERSON RD AT OLENTANGY RIVER RD
INTERSECTION 4110

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

395
1107

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HENDERSON RD AT KENNY RD - 4111

INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 707 — INT #4111 WITH EXISTING SIGNAL CONTROLLER — PROPOSED FIBER CABLE SEE SHEET 708

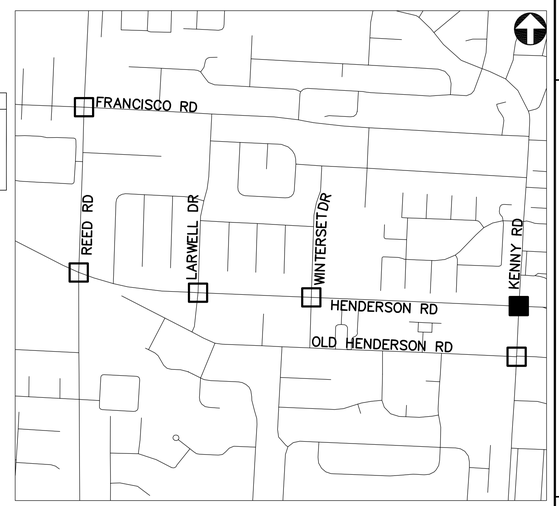
PROPOSED FIBER CABLE SEE SHEET 708

NOTES:

1. SEE SHEETS 707 AND 708 FOR INTERCONNECT PLANS BETWEEN INTERSECTIONS
2. SEE SHEET 400 FOR INTERSECTION QUANTITIES
3. SEE SHEET 927 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN
4. CCTV COMPOSITE CABLE AND CCTV FIELD CONTROLLER ARE INCIDENTAL TO ITEM 632: SIGNALIZATION MISC.: CCTV IP-CAMERA SYSTEM. COMPOSITE CABLE SHALL BE FREE OF SPLICES FROM THE CCTV CAMERA UNIT TO THE CCTV FIELD CONTROLLER UNIT.

UNDERGROUND UTILITIES
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- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

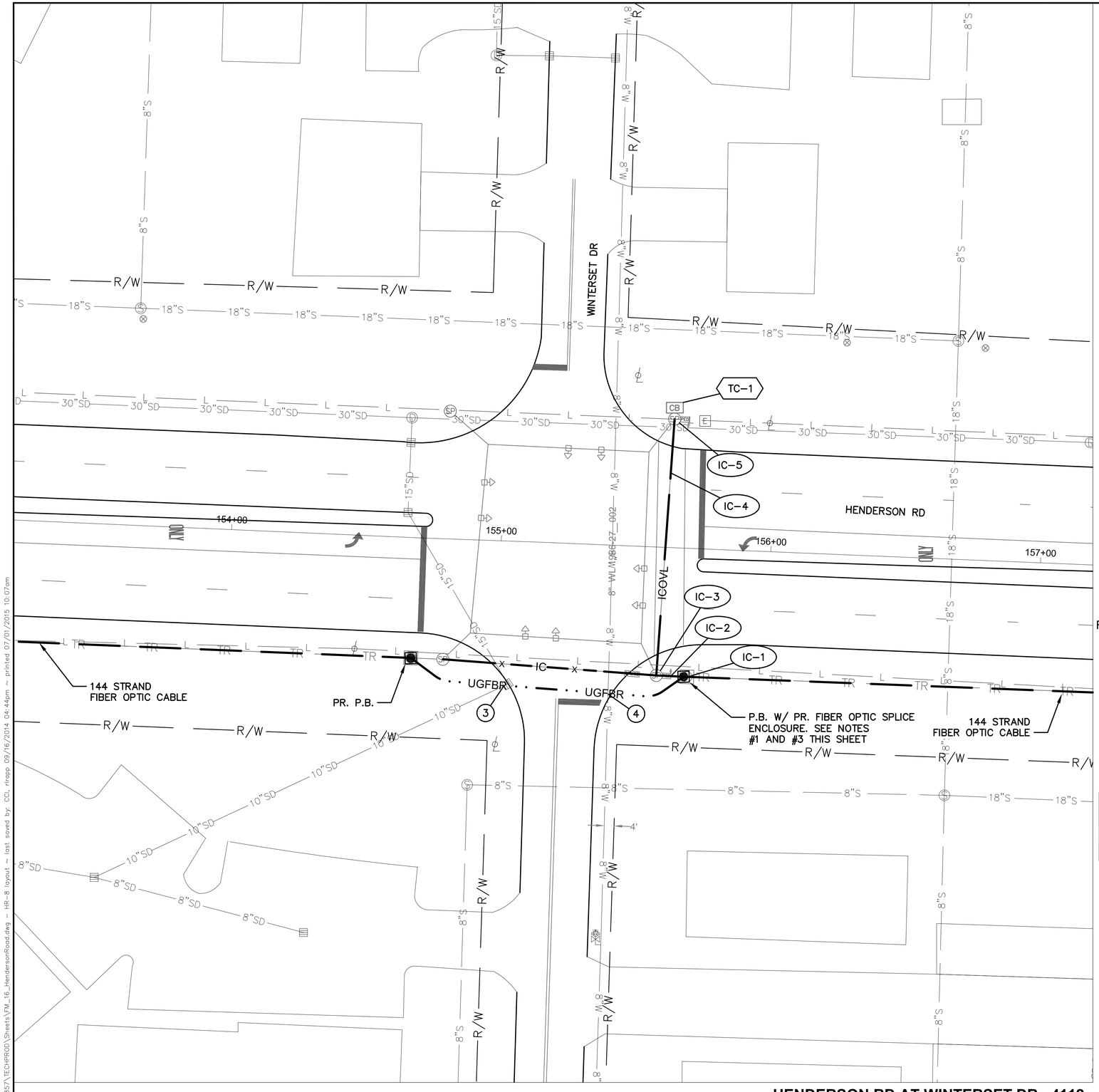
PID NUMBER 13034

HENDERSON RD AT KENNY RD INTERSECTION 4111

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

396
1107

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INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 706 — INT #4112 WITH EXISTING SIGNAL CONTROLLER — PROPOSED FIBER CABLE SEE SHEET 707

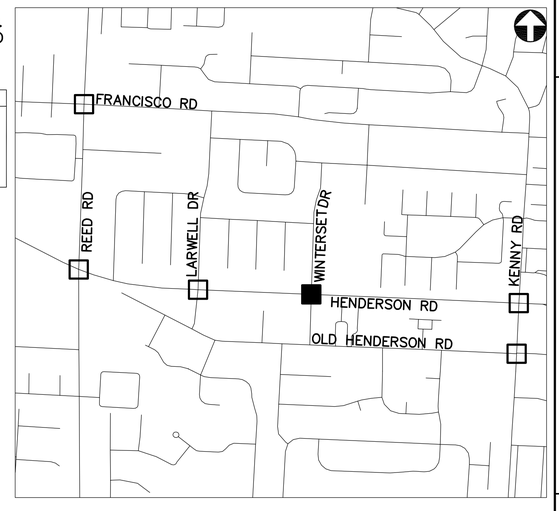
NOTES:

1. SEE SHEETS 706 AND 707 FOR INTERCONNECT PLANS BETWEEN INTERSECTIONS
2. SEE SHEET 400 FOR INTERSECTION QUANTITIES
3. SEE SHEET 928 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 15.

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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- SEWER
- WATER
- POWER
- LIGHTING



KEY PLAN
NOT TO SCALE

HENDERSON RD AT WINTERSET DR - 4112

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

PID NUMBER 13034

HENDERSON RD AT WINTERSET DR INTERSECTION 4112

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

397
1107

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144 STRAND FIBER OPTIC CABLE

144 STRAND FIBER OPTIC CABLE

144 STRAND FIBER OPTIC CABLE

PR. OVERHEAD FIBER OPTIC SPLICE ENCLOSURE. SEE NOTES #1 AND #3 THIS SHEET

AEP 1841255 748714

AEP 1841248 748520

AEP 1841315 748480

AEP 1841358 748474

REED RD

HENDERSON RD

ICNEW

ICOVL

CTV-1

TC-1

IC-2

IC-1

PC

SP

NC

R/W

TR

ONLY

OUT

12+00

128+00

129+00

130+00

131+00

11+00

10+00

24"W

16"W

12"W

6"W

8"SD

INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 701

PROPOSED FIBER CABLE SEE SHEET 705

INT #4113 WITH EXISTING SIGNAL CONTROLLER

PROPOSED FIBER CABLE SEE SHEET 705

NOTES:

1. SEE SHEETS 701 AND 705 FOR INTERCONNECT PLANS BETWEEN INTERSECTIONS

2. SEE SHEET 400 FOR INTERSECTION QUANTITIES

3. SEE SHEET 929 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

4. CCTV COMPOSITE CABLE AND CCTV FIELD CONTROLLER ARE INCIDENTAL TO ITEM 632: SIGNALIZATION MISC.: CCTV IP-CAMERA SYSTEM. COMPOSITE CABLE SHALL BE FREE OF SPLICES FROM THE CCTV CAMERA UNIT TO THE CCTV FIELD CONTROLLER UNIT.

UNDERGROUND UTILITIES

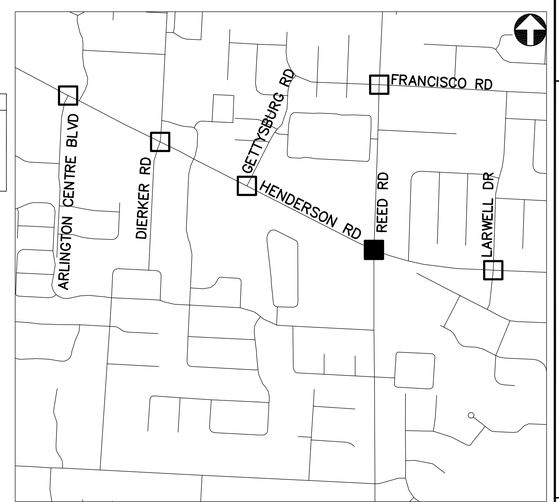
TWO WORKING DAYS BEFORE YOU DIG

CALL TOLL FREE 800-362-2764

OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- SEWER
- WATER
- POWER
- LIGHTING



KEY PLAN
NOT TO SCALE

HENDERSON RD AT REED RD - 4113

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

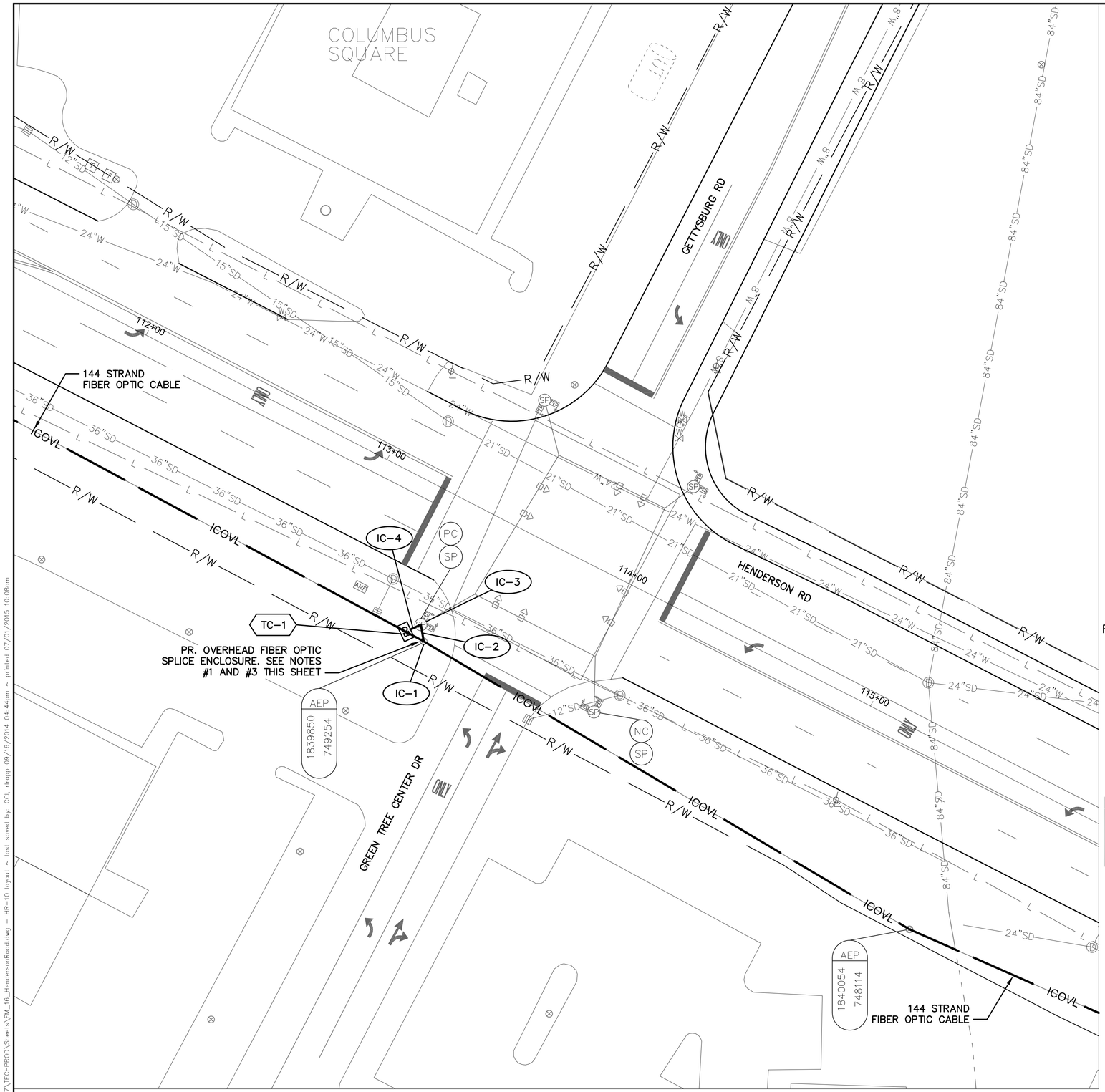
PID NUMBER 13034

HENDERSON RD AT REED RD INTERSECTION 4113

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

398
1107

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INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 705 — INT #4114 WITH PROPOSED SIGNAL CONTROLLER — PROPOSED FIBER CABLE SEE SHEET 705

NOTES:

1. SEE SHEET 705 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 400 FOR INTERSECTION QUANTITIES
3. SEE SHEET 930 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES

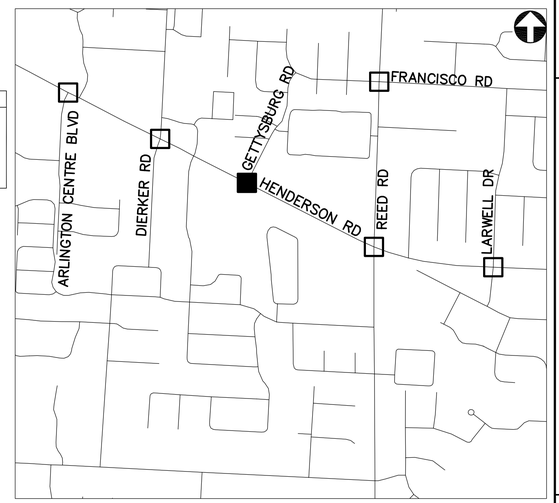
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CITY OF COLUMBUS UTILITY LEGEND

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- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



KEY PLAN
NOT TO SCALE

GETTYSBURG RD AND GREEN TREE CENTER DR AT HENDERSON RD - 4114

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

PID NUMBER 13034

GREEN TREE CENTER DR AT HENDERSON RD
INTERSECTION 4114

GETTYSBURG RD AND GREEN

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

399
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	STATION FROM	STATION TO	625 BRACKET ARM, 30', AS PER PLAN (EACH)	632 CONDUIT; 2" RISER, AS PER PLAN (EACH)	632 MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES (FT)	632 SIGNALIZATION, MISC.; CCTV IP-CAMERA SYSTEM (EACH)	633 CONTROLLER ITEM, MISC.; FIBER OPTIC ETHERNET TRANSCEIVER (EACH)	633 CONTROLLER ITEM, MISC.; LAYER 2 ETHERNET SWITCH (EACH)	633 CONTROLLER ITEM, MISC.; TERMINAL PORT SERVER (EACH)	633 CONTROLLER UNIT, TYPE TS2/A2, AS PER PLAN (EACH)	633 INTERCONNECT, MISC.; OVERLASH TO EXISTING INTERCONNECT (FT)	804 FIBER OPTIC CABLE, MISC.; 24 STRAND CABLE (FT)	804 FIBER OPTIC CABLE, MISC.; 48 STRAND CABLE (FT)	804 FIBER OPTIC CABLE, MISC.; PATCH PANEL ENCLOSURE, 24 TERMINATION (EACH)	804 FIBER OPTIC CABLE, MISC.; PATCH PANEL ENCLOSURE, 48 TERMINATION (EACH)
INTERSECTION 4110: HENDERSON RD. AT OLENTANGY RIVER RD.																
395	IC-1	222+14, 52' RT												75		
395	IC-2	222+14, 52' RT	222+10, 59' RT											20		
395	TC-1	222+10, 59' RT						3	1	1						1
INTERSECTION 4111: HENDERSON RD. AT KENNY RD.																
396	IC-1	178+65, 54' RT												110		
396	IC-2	178+65, 54' RT	178+70, 62' RT											26		
396	IC-3	177+53, 53' RT	177+55, 54' LT			107										
396	TC-1	178+70, 62' RT						3	1	1						1
396	CTV-1	177+55, 54' LT		1			1									
396	PULL BOX SLACK													10		
INTERSECTION 4112: HENDERSON RD. AT WINTERSET DR.																
397	IC-1	155+70, 48' RT											75			
397	IC-2	155+70, 48' RT	155+59, 48' RT										10			
397	IC-3	155+59, 48' RT											35			
397	IC-4	155+59, 48' RT	155+62, 48' LT									95	95			
397	IC-5	155+62, 48' LT											35			
397	TC-1	155+62, 48' LT						2	1	1					1	
INTERSECTION 4113: HENDERSON RD. AT REED RD.																
398	IC-1	130+25, 76' RT			1									110		
398	IC-2	130+25, 76' RT	130+24, 64' RT											27		
398	TC-1	130+24, 64' RT						3	1	1						1
398	CTV-1	130+14, 54' RT		1			1									
398	PULL BOX SLACK													10		
INT. 4114: GETTYSBURG RD. & GREEN TREE CENTER DR. AT HENDERSON RD.																
399	IC-1	113+43, 53' RT											75			
399	IC-2	113+43, 53' RT	113+39, 48' RT			6							6			
399	IC-3	113+39, 48' RT											35			
399	IC-4	113+39, 48' RT	113+35, 53' RT										14			
399	TC-1	113+35, 53' RT						2	1		1				1	
		SHEET TOTAL		2	1	113	2	13	5	4	1	95	380	388	2	3

2762 DR. E

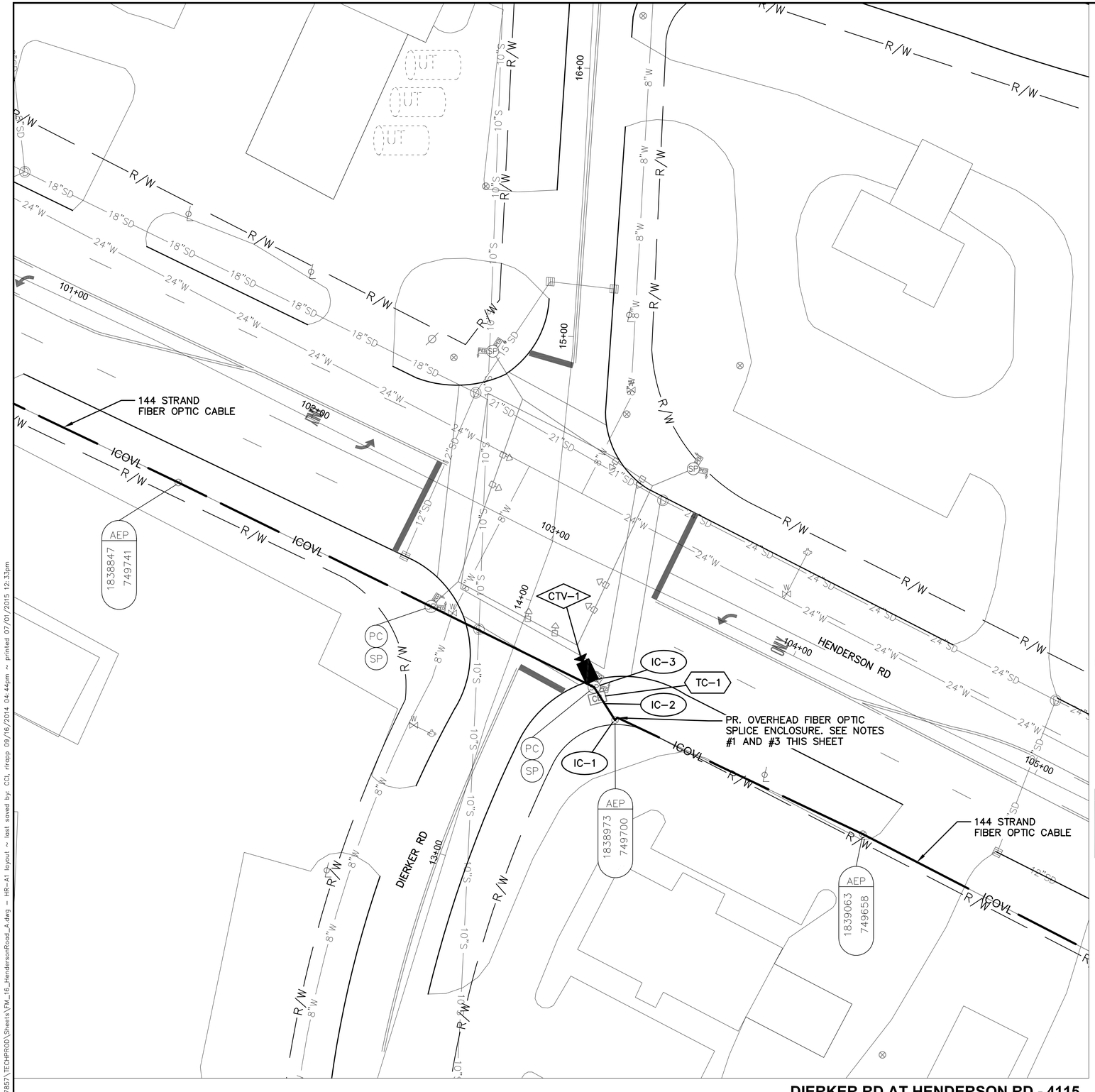
PID NUMBER 13034

INTERSECTION QUANTITIES
INTERSECTIONS 4110, 4111, 4112, 4113 AND 4114

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

400
1107

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DIERKER RD AT HENDERSON RD - 4115

NOTES:

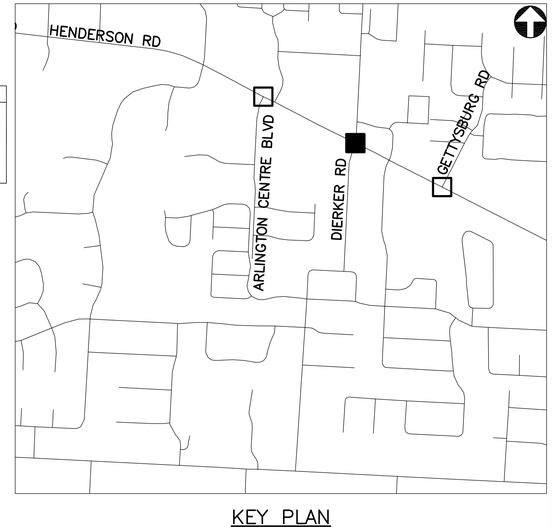
1. SEE SHEET 704 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 405 FOR INTERSECTION QUANTITIES
3. SEE SHEET 931 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN
4. CCTV COMPOSITE CABLE AND CCTV FIELD CONTROLLER ARE INCIDENTAL TO ITEM 632: SIGNALIZATION MISC.: CCTV IP-CAMERA SYSTEM. COMPOSITE CABLE SHALL BE FREE OF SPLICES FROM THE CCTV CAMERA UNIT TO THE CCTV FIELD CONTROLLER UNIT.

INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 704 — INT #4115 WITH EXISTING SIGNAL CONTROLLER — PROPOSED FIBER CABLE SEE SHEET 704

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CITY OF COLUMBUS UTILITY LEGEND
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- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

PID NUMBER
13034

DIERKER RD AT HENDERSON RD
INTERSECTION 4115

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

401
1107

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144 STRAND
FIBER OPTIC CABLE

PR. OVERHEAD FIBER OPTIC
SPLICE ENCLOSURE. SEE NOTES
#1 AND #3 THIS SHEET

KENNY RD

OLD HENDERSON RD

ONLY

IC-1

TC-1

NC
AEP
1845930
747667

NC
AEP
1856943
747666

AEP
1846049
747662

PC
SP

28+00
27+00
26+00
25+00

INTERSECTION COMMUNICATIONS

PROPOSED
FIBER CABLE
SEE SHEET
708

INT #4116 WITH
PROPOSED SIGNAL
CONTROLLER

NOTES:

1. SEE SHEET 708 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS

2. SEE SHEET 405 FOR INTERSECTION QUANTITIES

3. SEE SHEET 932 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

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OHIO UTILITIES PROTECTION SERVICE

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UTILITY LEGEND
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- WATER
- POWER
- LIGHTING



KEY PLAN
NOT TO SCALE

KENNY RD AT OLD HENDERSON RD - 4116

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

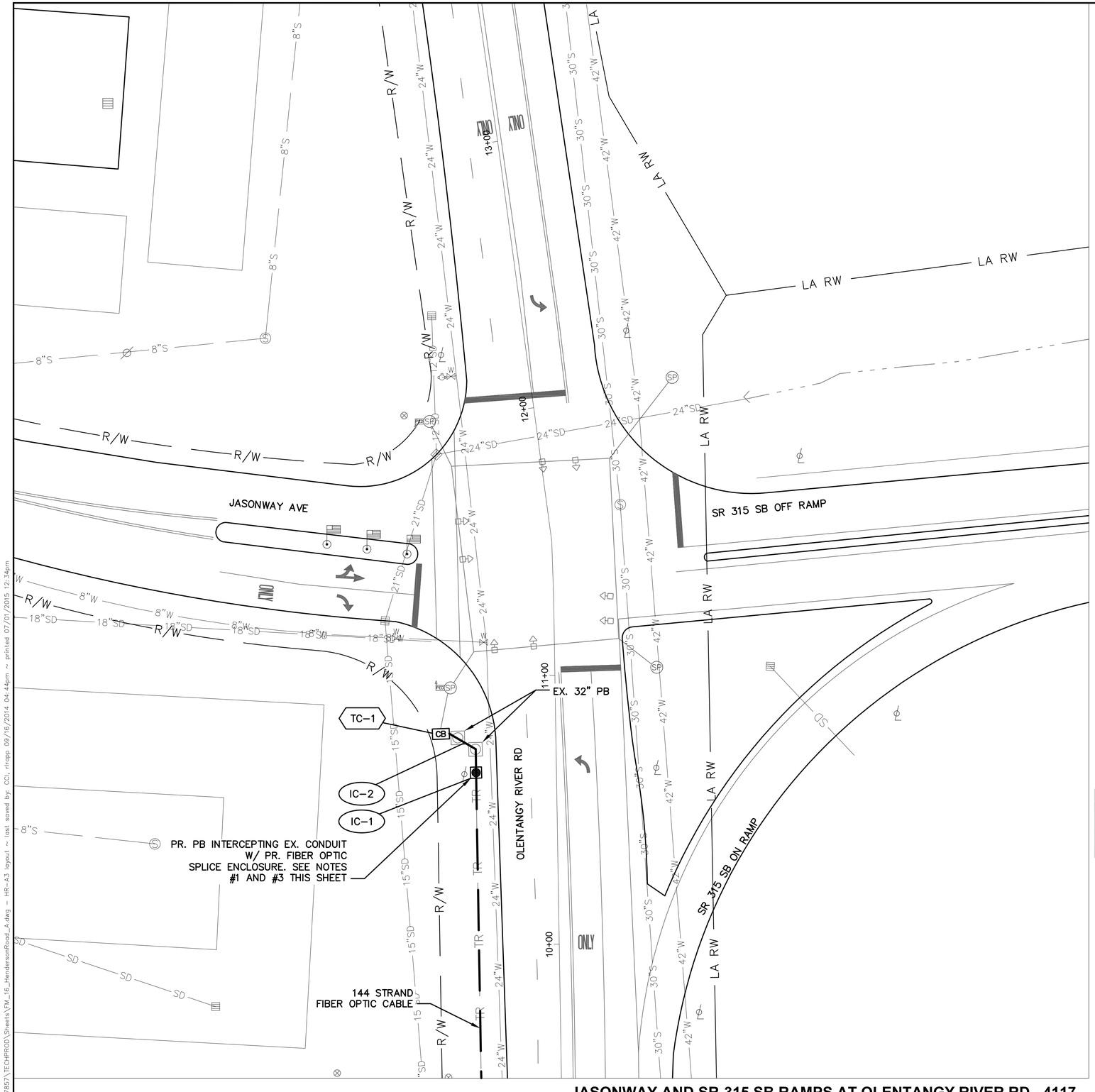
PID NUMBER
13034

KENNY RD AT OLD HENDERSON RD
INTERSECTION 4116

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

402
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_16_HendersonRoad_A.dwg - HR-A2 layout - last saved by: CCI, rrapp 09/16/2014 04:44pm - printed 07/01/2015 12:33pm



JASONWAY AND SR-315 SB RAMPS AT OLENTANGY RIVER RD - 4117

INTERSECTION COMMUNICATIONS

INT #4117 WITH PROPOSED SIGNAL CONTROLLER

PROPOSED FIBER CABLE SEE SHEET 710

NOTES:

1. SEE SHEET 710 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 405 FOR INTERSECTION QUANTITIES
3. SEE SHEET 933 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES

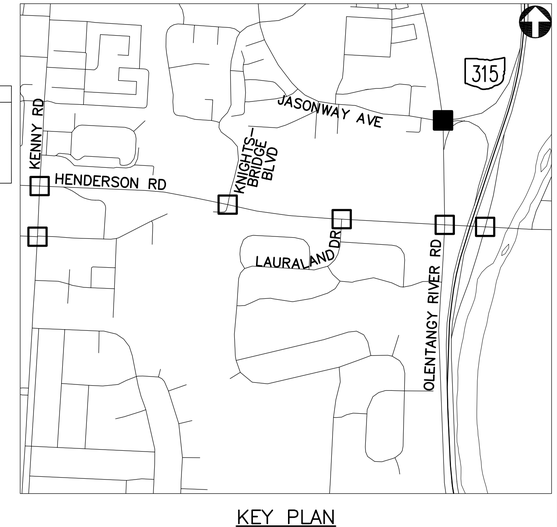
TWO WORKING DAYS BEFORE YOU DIG

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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

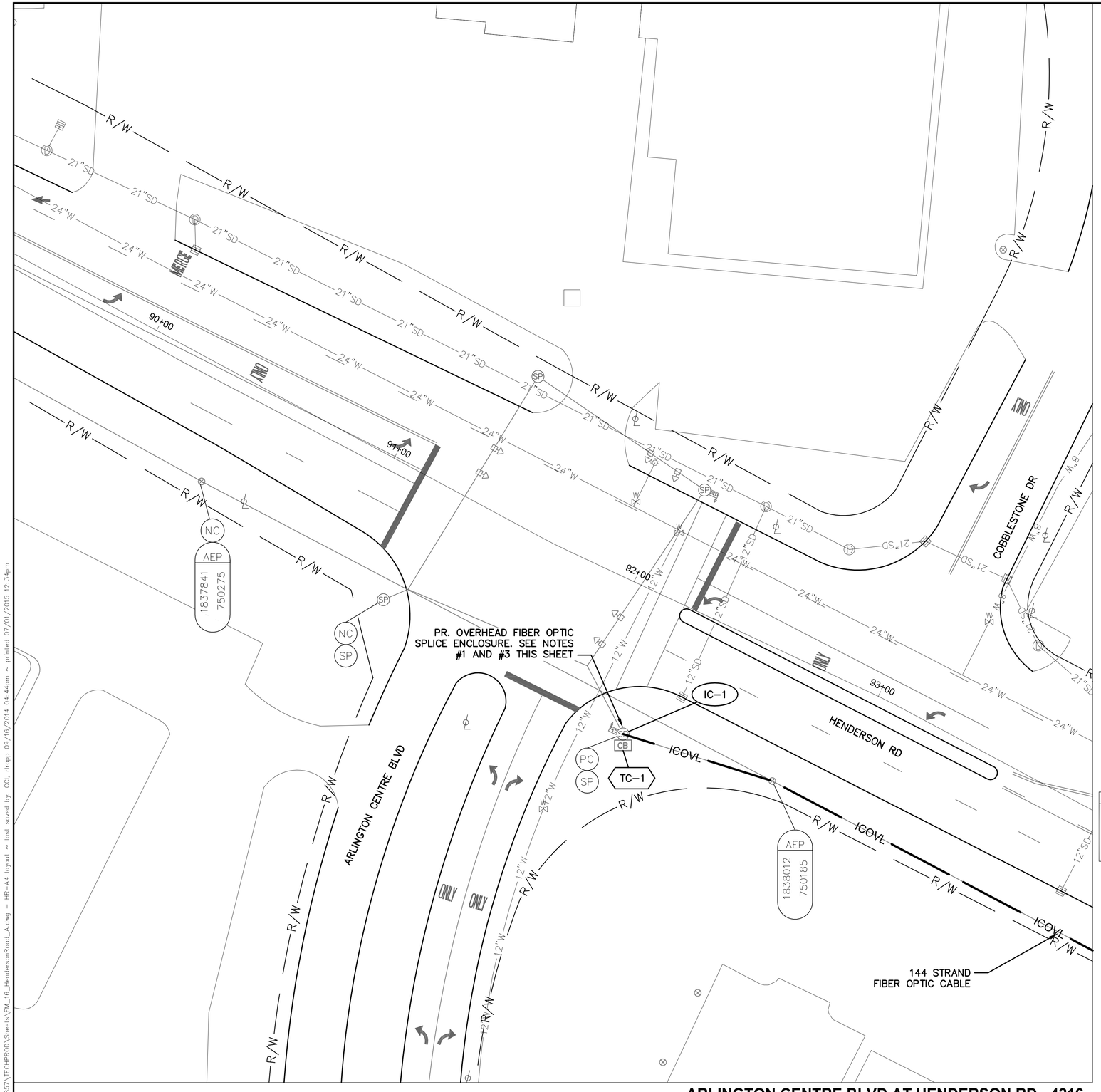
PID NUMBER 13034

JASONWAY AND SR-315 SB RAMPS AT OLENTANGY RIVER RD INTERSECTION 4117

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

403
1107

J:\Jobs\47857\TECHPR00\Sheets\FM_16_HendersonRoad_A.dwg ~ HR-A3 layout ~ last saved by: CCI, rlropp 09/16/2014 04:44pm ~ printed 07/01/2015 12:34pm



INTERSECTION COMMUNICATIONS

INT #4216 WITH EXISTING SIGNAL CONTROLLER — PROPOSED FIBER CABLE SEE SHEET 704

NOTES:

1. SEE SHEET 704 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 405 FOR INTERSECTION QUANTITIES
3. SEE SHEET 973 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES

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- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



KEY PLAN
NOT TO SCALE

ARLINGTON CENTRE BLVD AT HENDERSON RD - 4216

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

PID NUMBER 13034

ARLINGTON CENTRE BLVD AT HENDERSON RD
INTERSECTION 4216

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

404
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_16_HendersonRoad_A.dwg ~ HR-A4 layout ~ last saved by: CCL, rirapp 09/16/2014 04:44pm ~ printed 07/01/2015 12:34pm

ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	STATION		632	632	632	633	633	633	633	804	804													
				CONDUIT: 2" RISER, AS PER PLAN	MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES	SIGNALIZATION, MISC.: CCTV IP-CAMERA SYSTEM	CONTROLLER ITEM, MISC.: FIBER OPTIC ETHERNET TRANSCEIVER	CONTROLLER ITEM, MISC.: LAYER 2 ETHERNET SWITCH	CONTROLLER ITEM, MISC.: TERMINAL PORT SERVER	CONTROLLER UNIT, TYPE TS2/A2, AS PER PLAN	FIBER OPTIC CABLE, MISC.: 24 STRAND CABLE	FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 24 TERMINATION													
		FROM	TO	EACH	FT	EACH	EACH	EACH	EACH	EACH	FT	EACH													
INTERSECTION 4115: DIERKER RD. AT HENDERSON RD.																									
401	IC-1	103+50, 50' RT									75														
401	IC-2	103+50, 50' RT	103+38, 43' RT		14						14														
401	IC-3	103+38, 43' RT									35														
401	TC-1	103+38, 43' RT					2	1	1			1													
401	CCTV-1	103+38, 43' RT				1																			
INTERSECTION 4116: KENNY RD. AT OLD HENDERSON RD.																									
402	IC-1	27+65, 38' LT		1							110														
402	TC-1	27+65, 38' LT					1	1		1		1													
INT. 4117: JASONWAY AVE. AND SR-315 SB RAMPS AT OLENTANGY RIVER RD.																									
403	IC-1	10+64, 30' LT									75														
403	IC-2	10+64, 30' LT	10+79, 43' LT								33														
403	TC-1	10+79, 43' LT					1	1		1		1													
403		PULL BOX SLACK									20														
INTERSECTION 4216: ARLINGTON CENTRE BLVD. AT HENDERSON RD.																									
404	IC-1	92+20, 53' RT									110														
404	TC-1	92+20, 53' RT					2	1	1			1													
		SHEET TOTAL		1	14	1	6	4	2	2	472	4	-	-	-	-	-	-	-	-	-	-	-	-	-

2762 DR. E

PID NUMBER 13034

INTERSECTION QUANTITIES
INTERSECTIONS 4115, 4116, 4117 AND 4216

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

J:\Jobs\47857\TECHPROD\Sheets\FM_16_Henderson_Quantities.dwg – Henderson-3 layout ~ last saved by: CCI, rlrapp 09/16/2014 04:43pm ~ printed 07/01/2015 12:34pm

144 STRAND
FIBER OPTIC CABLE

PR. OVERHEAD FIBER OPTIC
SPLICE ENCLOSURE. SEE NOTES
#1 AND #3 THIS SHEET

AEP
186.3406
748715

AEP
186.3393
748534

IC-1
IC-2
IC-3
TC-1

MAIZE RD

GARDEN RD

144 STRAND
FIBER OPTIC CABLE

INTERSECTION COMMUNICATIONS

PROPOSED
FIBER CABLE
SEE SHEET
524

INT #3165 WITH
PROPOSED SIGNAL
CONTROLLER

PROPOSED
FIBER CABLE
SEE SHEET
524

NOTES:

1. SEE SHEET 524 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS

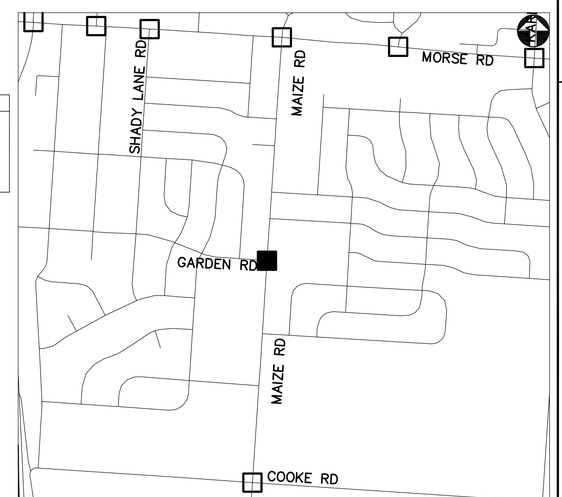
2. SEE SHEET 408 FOR INTERSECTION QUANTITIES

3. SEE SHEET 896 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES
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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS
UTILITY LEGEND

- SEWER
- WATER
- POWER
- LIGHTING



KEY PLAN
NOT TO SCALE

GARDEN RD AT MAIZE RD - 3165

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

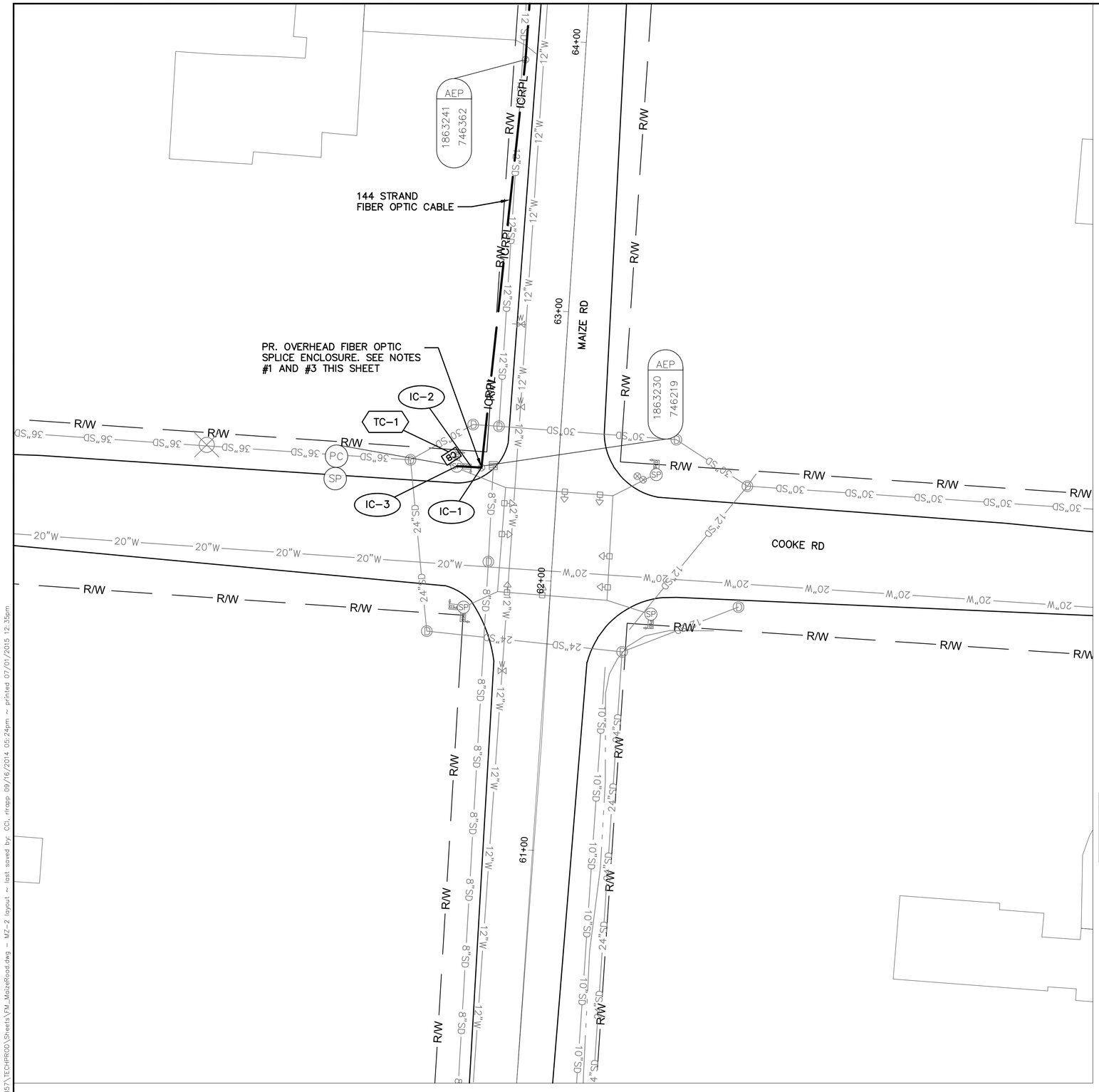
PID NUMBER
13034

GARDEN RD AT MAIZE RD
INTERSECTION 3165

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

406
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_MaizeRoad.dwg – MZ-1 layout ~ last saved by: COI, rtrapp 09/16/2014 05:24pm ~ printed 07/01/2015 12:35pm



INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 523

INT #3029 WITH PROPOSED SIGNAL CONTROLLER

NOTES:

1. SEE SHEET 523 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 408 FOR INTERSECTION QUANTITIES
3. SEE SHEET 879 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES

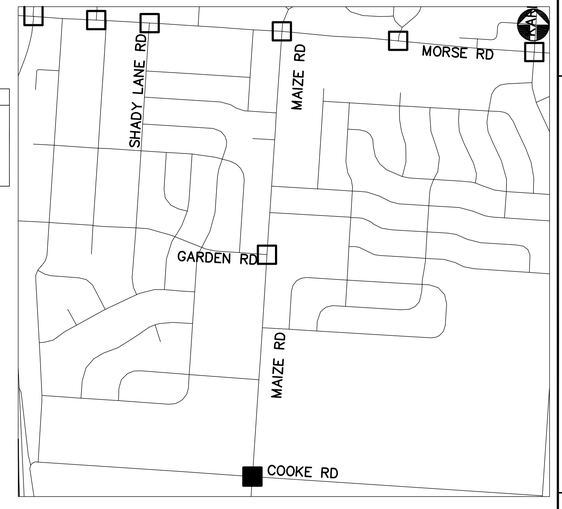
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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- SEWER
- WATER
- POWER
- LIGHTING



KEY PLAN
NOT TO SCALE

COOKE RD AT MAIZE RD - 3029

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

PID NUMBER 13034

COOKE RD AT MAIZE RD
INTERSECTION 3029

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

407
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_MaizeRoad.dwg – MZ-2 layout ~ last saved by: CDL rlrapp 09/16/2014 05:24pm ~ printed 07/01/2015 12:35pm

ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	STATION		632	633	633	633	633	804	804															
				MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES	CONTROLLER ITEM, MISC.: FIBER OPTIC ETHERNET TRANSCEIVER	CONTROLLER ITEM, MISC.: LAYER 2 ETHERNET SWITCH	CONTROLLER UNIT, TYPE TS2/A2, AS PER PLAN	INTERCONNECT, MISC.: REMOVE EXISTING OVERHEAD INTERCONNECT	FIBER OPTIC CABLE, MISC.: 24 STRAND CABLE	FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 24 TERMINATION															
		FROM	TO	FT	EACH	EACH	EACH	FT	FT	EACH															
INTERSECTION 3165: GARDEN RD. AT MAIZE RD.																									
406	IC-1	87+45, 16' LT							75																
406	IC-2	87+45, 16' LT	86+90, 20' RT	65				65	65																
406	IC-3	86+90, 20' RT							35																
406	TC-1	86+90, 20' RT			2	1	1			1															
INTERSECTION 3029: COOKE RD. AT MAIZE RD.																									
407	IC-1	62+40, 28' LT							75																
407	IC-2	62+40, 28' LT	62+40, 38' LT	10				10	10																
407	IC-3	62+40, 38' LT							35																
407	TC-1	62+40, 38' LT			2	1	1			1															
SHEET TOTAL				75	4	2	1	10	120	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

2762 DR. E

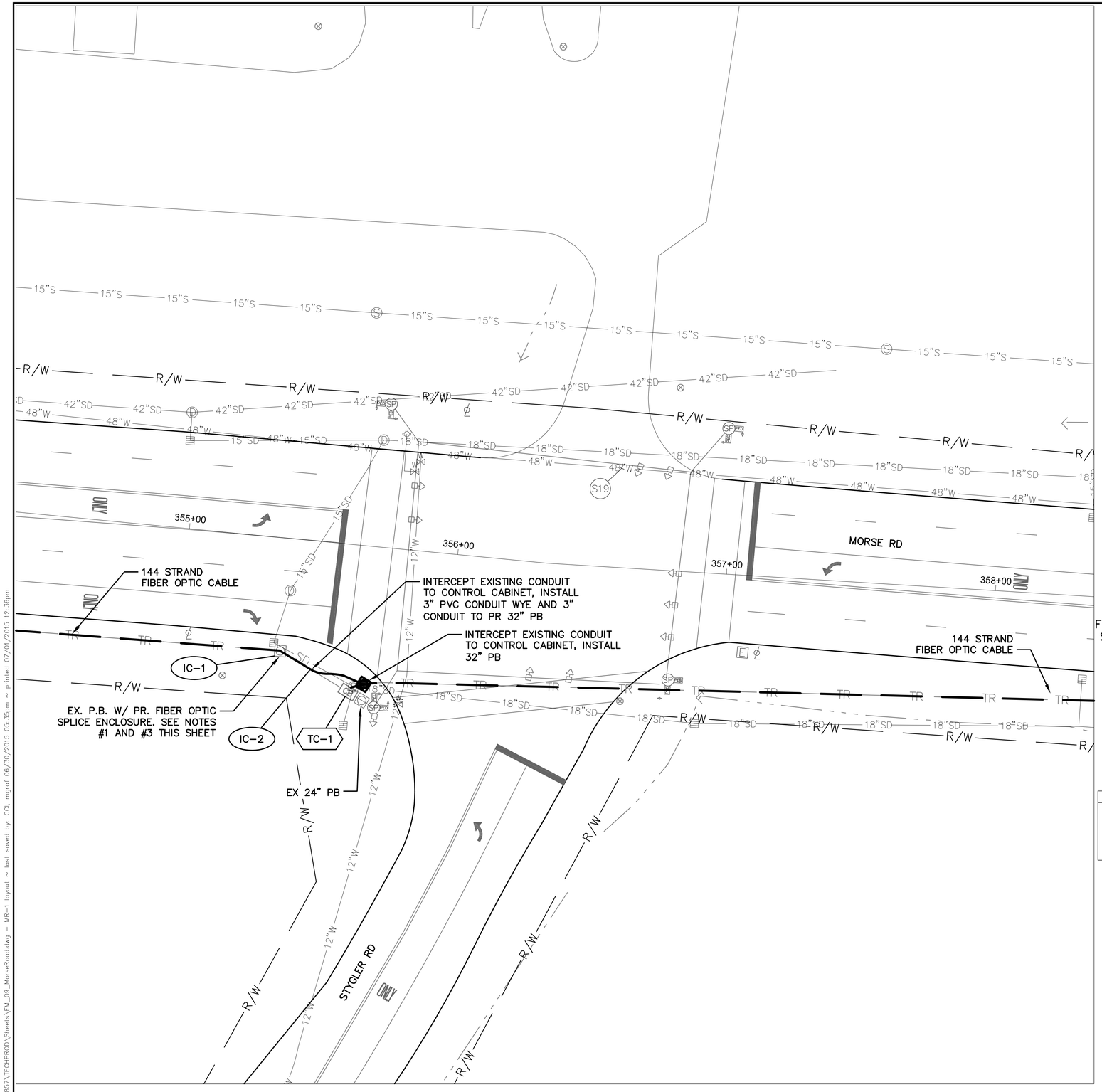
PID NUMBER 13034

INTERSECTION QUANTITIES
INTERSECTIONS 3029 AND 3165

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

408
1107

J:\obs\47857\TECHPROD\Sheets\FM_MaizeRoad_Quantities.dwg – Maize Rd Quantities layout – last saved by: CCL, rlrapp 09/16/2014 05:24pm – printed 07/01/2015 12:35pm



INTERSECTION COMMUNICATIONS

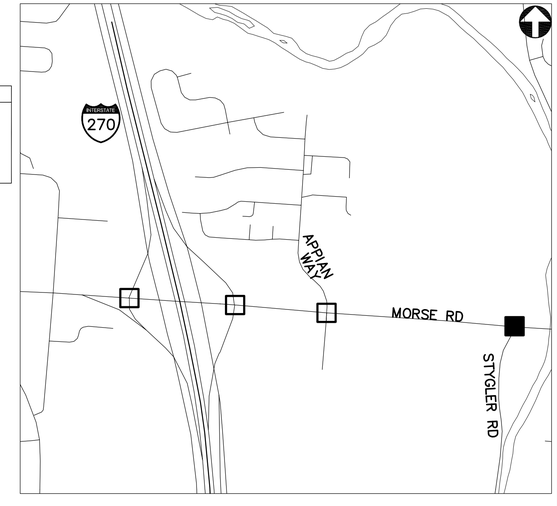
PROPOSED FIBER CABLE SEE SHEET 551 — INT #3092 WITH EXISTING SIGNAL CONTROLLER — PROPOSED FIBER CABLE SEE SHEET 551

NOTES:

1. SEE SHEET 551 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 414 FOR INTERSECTION QUANTITIES
3. SEE SHEET 889 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



KEY PLAN
NOT TO SCALE

MORSE RD AT STYGLER RD - 3092

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

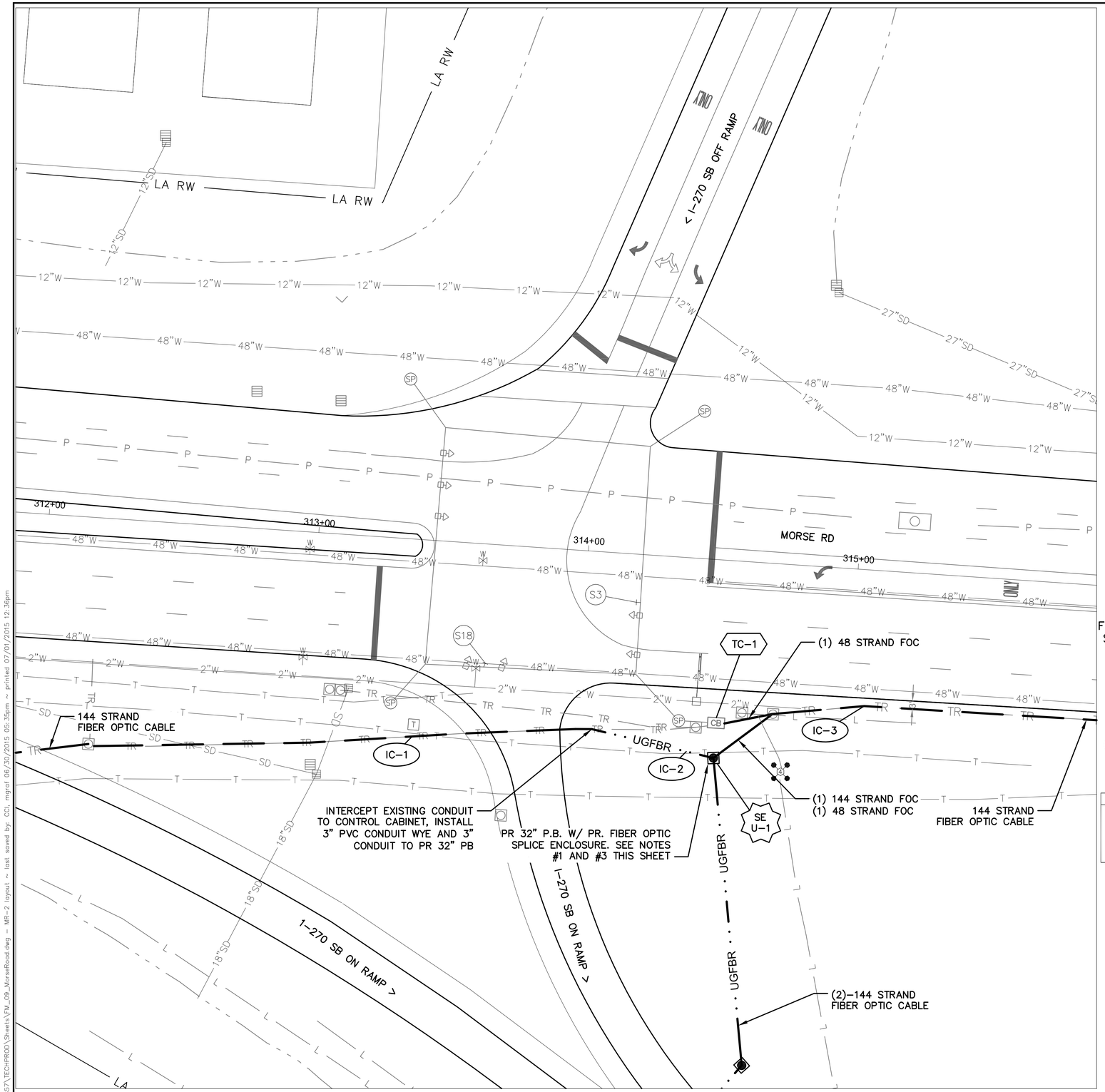
PID NUMBER 13034

MORSE RD AT STYGLER RD
INTERSECTION 3092

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

409
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_09_MorseRoad.dwg – MR-1 layout – last saved by: CCI, mgraf 06/30/2015 05:35pm – printed 07/01/2015 12:36pm



I-270 SB RAMPS AT MORSE RD - 3161

INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 548 — INT #3161 WITH EXISTING SIGNAL CONTROLLER — PROPOSED FIBER CABLE SEE SHEET 548

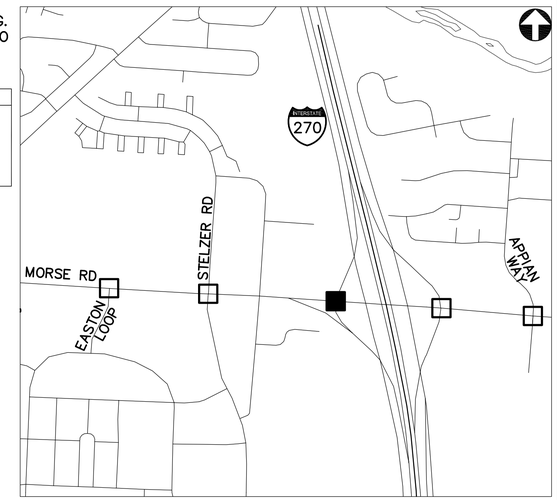
NOTES:

1. SEE SHEET 548 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 414 FOR INTERSECTION QUANTITIES
3. SEE SHEET 892 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 15.

UNDERGROUND UTILITIES
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CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☒ LIGHTING



KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

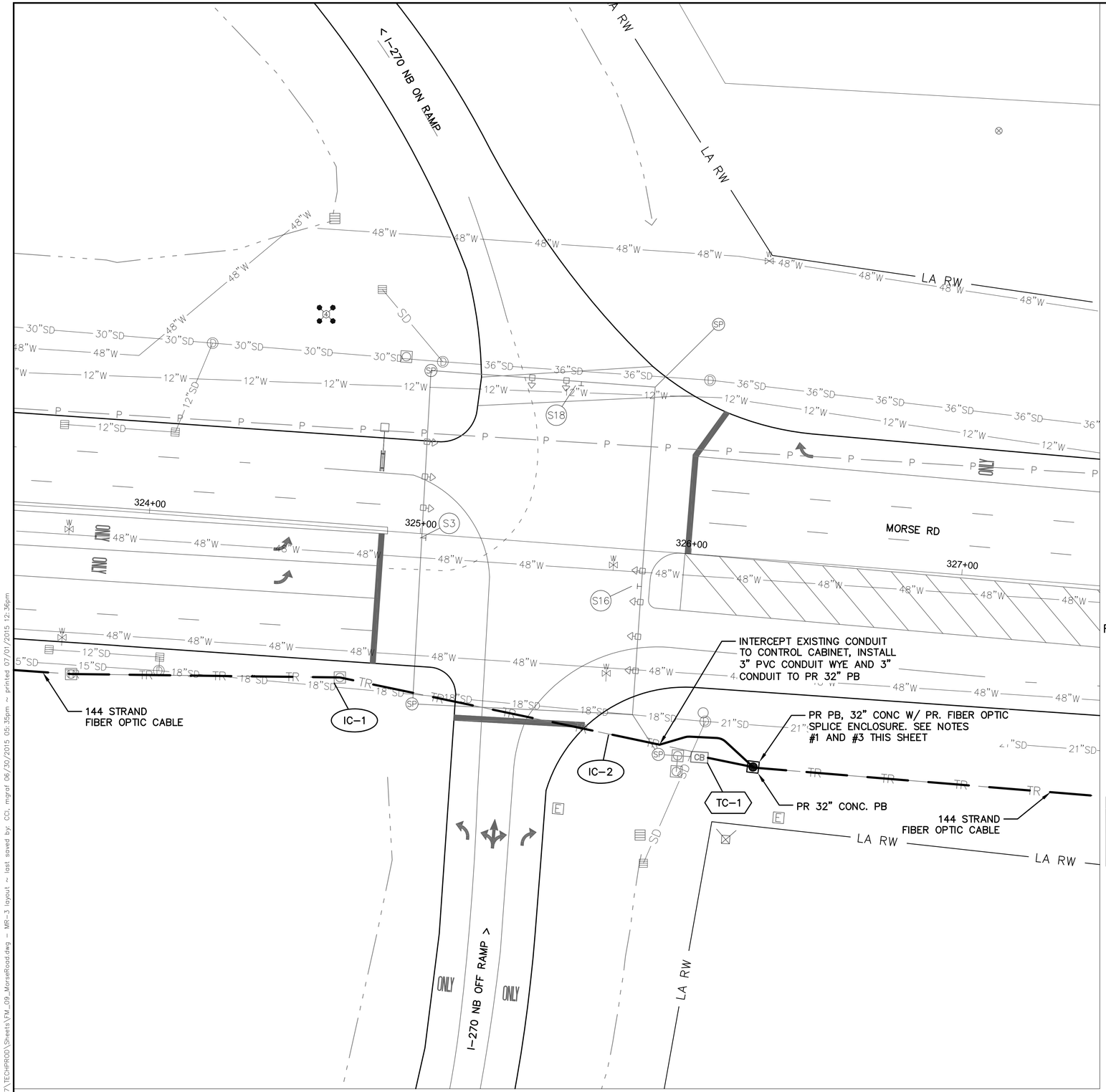
PID NUMBER 13034

I-270 SB RAMPS AT MORSE RD
INTERSECTION 3161

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

410
1107

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INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 548 — INT #3162 WITH EXISTING SIGNAL CONTROLLER — PROPOSED FIBER CABLE SEE SHEET 548

NOTES:

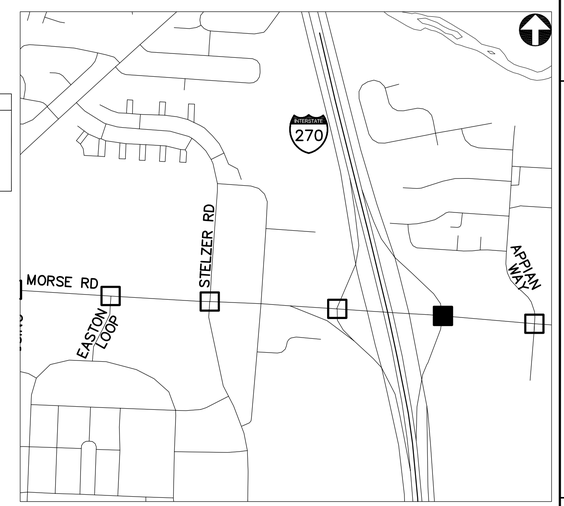
1. SEE SHEET 548 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 414 FOR INTERSECTION QUANTITIES
3. SEE SHEET 893 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES

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CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



KEY PLAN
NOT TO SCALE

I-270 NB RAMPS AT MORSE RD - 3162

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

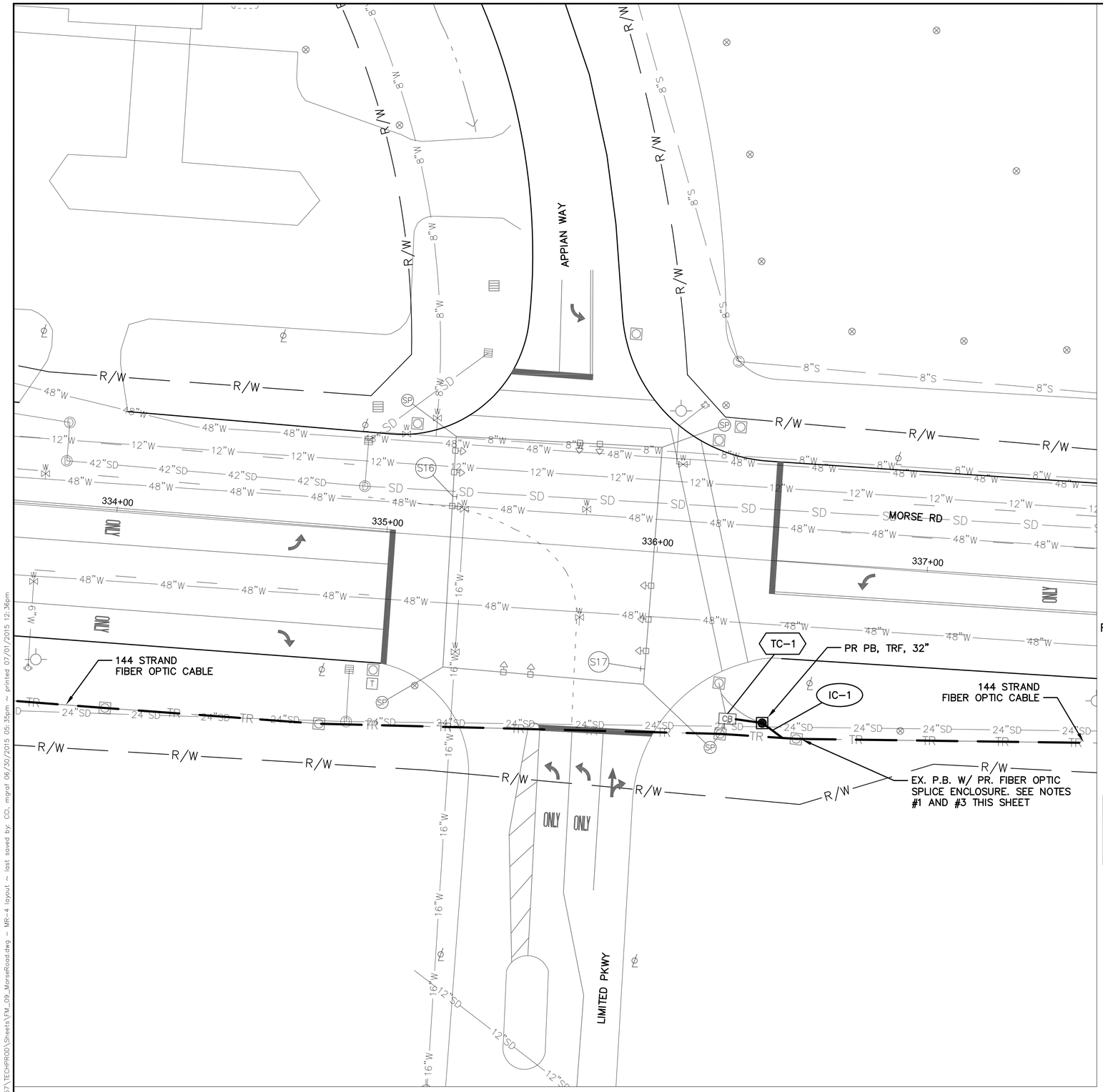
PID NUMBER 13034

I-270 NB RAMPS AT MORSE RD
INTERSECTION 3162

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

411
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_09_MorseRoad.dwg ~ MR-3 layout ~ last saved by: COI, mgraf 06/30/2015 05:35pm ~ printed 07/01/2015 12:36pm



APPIAN WAY AND LIMITED PKWY AT MORSE RD - 3163

INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 550 — INT #3163 WITH EXISTING SIGNAL CONTROLLER — PROPOSED FIBER CABLE SEE SHEET 550

NOTES:

1. SEE SHEET 550 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 414 FOR INTERSECTION QUANTITIES
3. SEE SHEET 894 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES

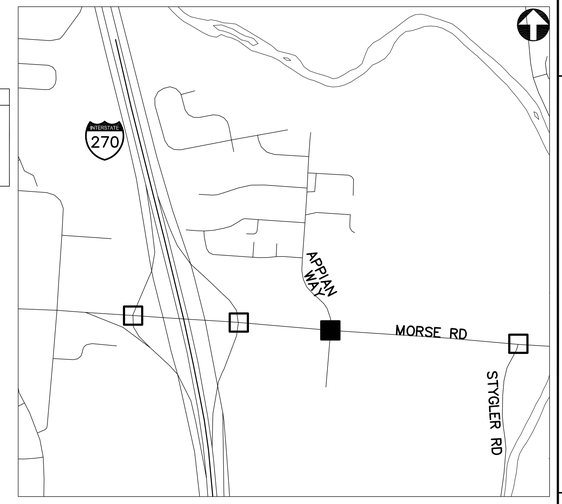
TWO WORKING DAYS BEFORE YOU DIG

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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

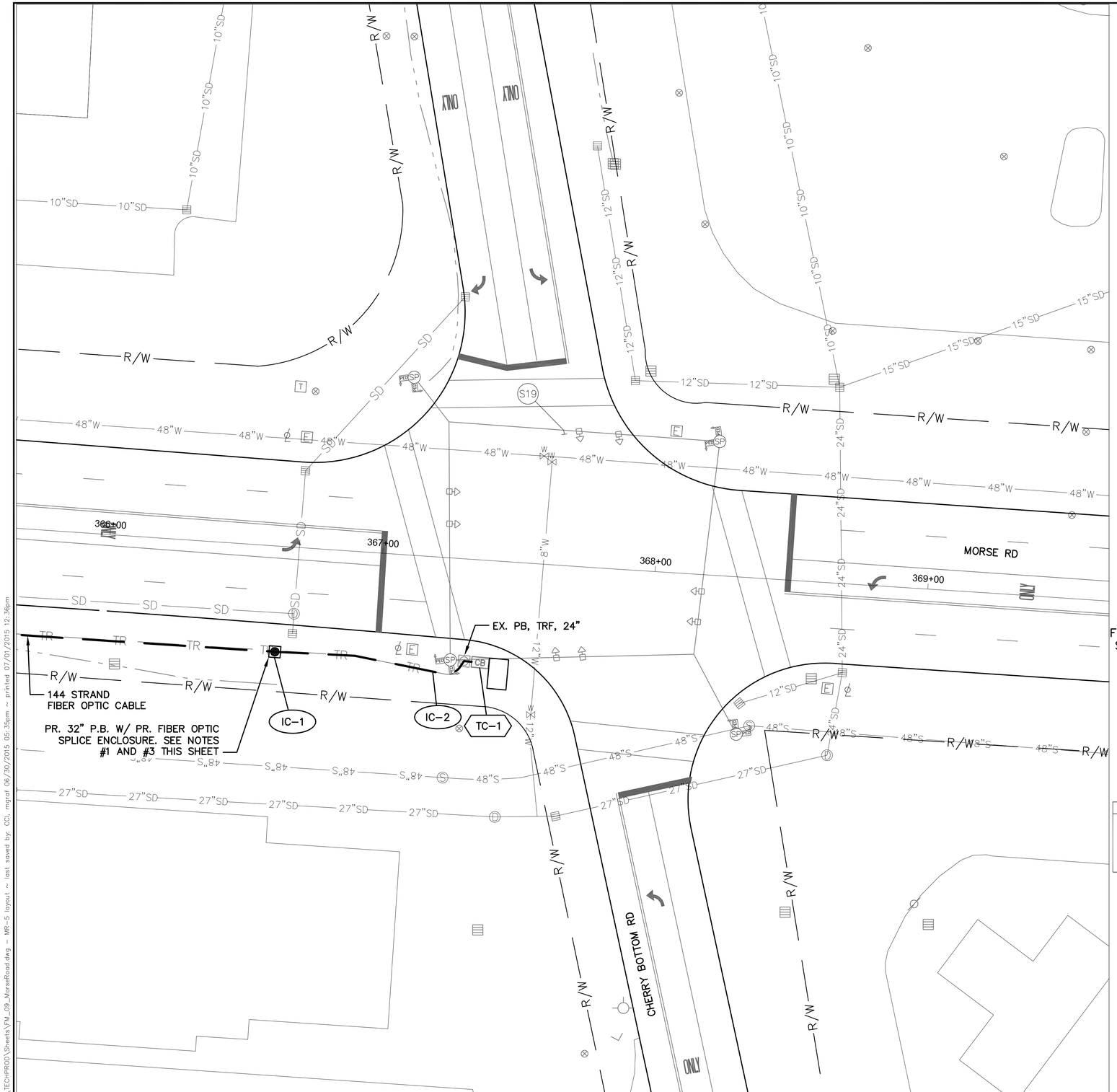
PID NUMBER 13034

APPIAN WAY AND LIMITED PKWY AT MORSE RD
INTERSECTION 3163

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

412
1107

J:\Jobs\47857\TECHPROD\Sheets\PM_09_MorseRoad.dwg – MR-4 layout ~ last saved by: COI, mgraf 06/30/2015 05:35pm ~ printed 07/01/2015 12:36pm



INTERSECTION COMMUNICATIONS

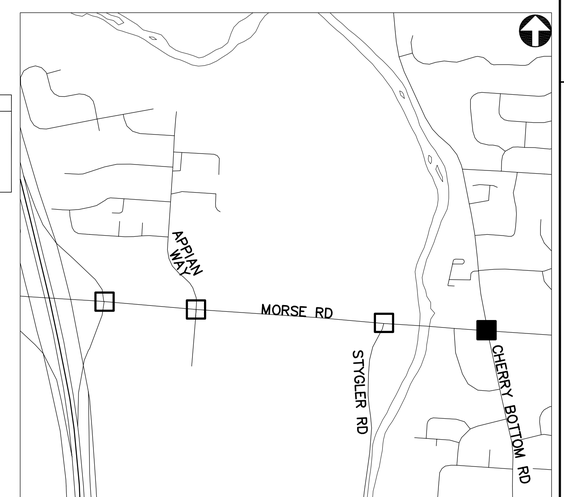
PROPOSED FIBER CABLE SEE SHEET 551 — INT #3164 WITH EXISTING SIGNAL CONTROLLER

NOTES:

1. SEE SHEET 551 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 414 FOR INTERSECTION QUANTITIES
3. SEE SHEET 895 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- SEWER
- WATER
- POWER
- LIGHTING



KEY PLAN
NOT TO SCALE

CHERRY BOTTOM RD AT MORSE RD - 3164

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

PID NUMBER 13034

CHERRY BOTTOM RD AT MORSE RD
INTERSECTION 3164

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

413
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_09_MorseRoad.dwg ~ MR-5 layout ~ last saved by: CO; mgrat 06/30/2015 05:35pm ~ printed 07/01/2015 12:36pm

ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	STATION		625	633	633	633	804	804	804															
				PULL BOX, MISC.: CONCRETE, 32"	CONTROLLER ITEM, MISC.: FIBER OPTIC ETHERNET TRANSCEIVER	CONTROLLER ITEM, MISC.: LAYER 2 ETHERNET SWITCH	CONTROLLER ITEM, MISC.: TERMINAL PORT SERVER	FIBER OPTIC CABLE, MISC.: 24 STRAND CABLE	FIBER OPTIC CABLE, MISC.: 48 STRAND CABLE	FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 24 TERMINATION														
		FROM	TO	EACH	EACH	EACH	EACH	FT	FT	EACH															
INTERSECTION 3092: MORSE RD. AT STYGLER RD.																									
409	IC-1	355+35, 42' RT						75																	
409	IC-2	355+35, 42' RT	355+62, 55' RT					39																	
409	TC-1	355+62, 55' RT			2	1	1			1															
INTERSECTION 3161: MORSE RD. AT I-270 SB RAMPS																									
410	IC-1	314+68, 65' RT							75																
410	IC-2	314+68, 65' RT	314+49, 60' RT						30																
410	TC-1	314+49, 60' RT			2	1	1			1															
INTERSECTION 3162: MORSE RD. AT I-270 NB RAMPS																									
411	IC-1	324+72, 55' RT						75																	
411	IC-2	324+72, 55' RT	326+06, 74' RT					145																	
411	TC-1	326+06, 74' RT			2	1	1			1															
INTERSECTION 3163: APPIAN WAY & LIMITED PKWY AT MORSE RD.																									
412	IC-1	336+54, 65' RT						75																	
412	IC-2	336+54, 65' RT	336+28, 59' RT					44																	
412	TC-1	336+28, 59' RT			2	1	1			1															
412	PULL BOX SLACK							10																	
INTERSECTION 3164: CHERRY BOTTOM RD. AT MORSE RD.																									
413	IC-1	366+99, 42' RT		1				75																	
413	IC-2	366+99, 42' RT	367+36, 38' RT					47																	
413	TC-1	367+36, 38' RT			2	1	1			1															
413	PULL BOX SLACK							10																	
		SHEET TOTAL		1	10	5	5	595	105	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

2762 DR. E

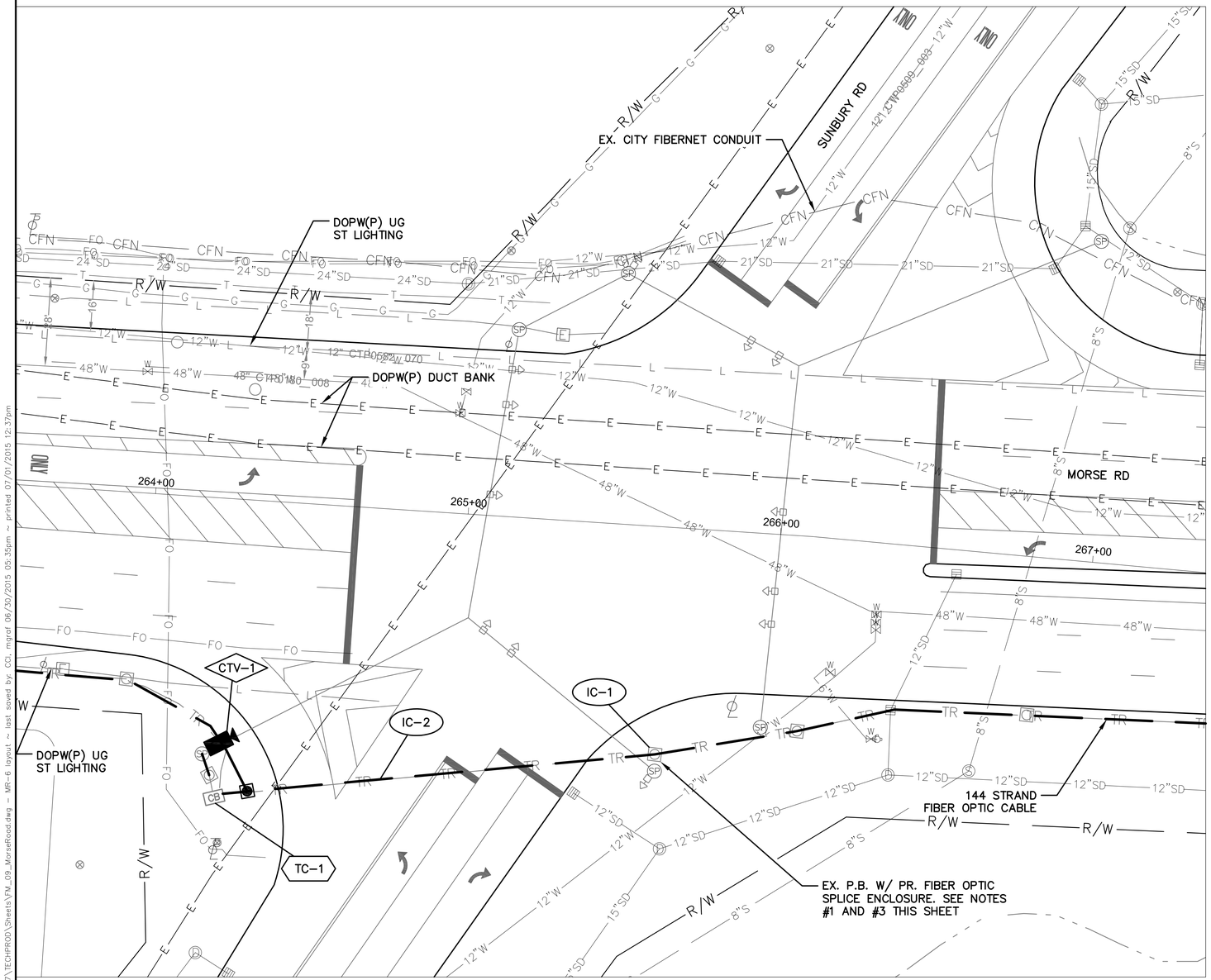
PID NUMBER 13034

INTERSECTION QUANTITIES
INTERSECTIONS 3092, 3161, 3162, 3163 AND 3164

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

414
1107

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MORSE RD AT SUNBURY RD - 3209

INTERSECTION COMMUNICATIONS

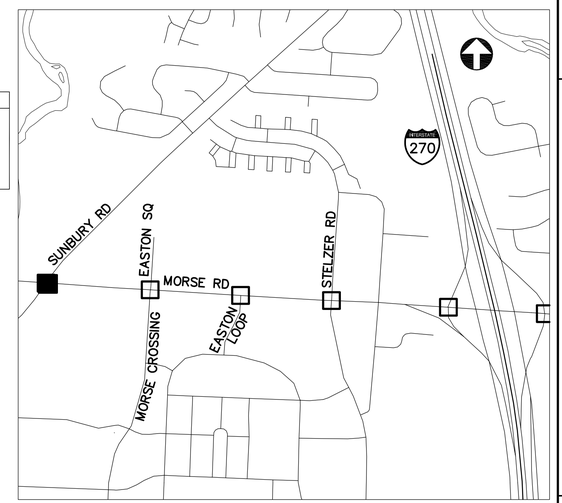
PROPOSED FIBER CABLE SEE SHEET 546 — INT #3209 WITH EXISTING SIGNAL CONTROLLER — PROPOSED FIBER CABLE SEE SHEET 546

NOTES:

1. SEE SHEET 546 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 420 FOR INTERSECTION QUANTITIES
3. SEE SHEET 899 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN
4. CCTV COMPOSITE CABLE AND CCTV FIELD CONTROLLER ARE INCIDENTAL TO ITEM 632: SIGNALIZATION MISC.: CCTV IP-CAMERA SYSTEM. COMPOSITE CABLE SHALL BE FREE OF SPLICES FROM THE CCTV CAMERA UNIT TO THE CCTV FIELD CONTROLLER UNIT.

UNDERGROUND UTILITIES
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CITY OF COLUMBUS UTILITY LEGEND
- SEWER
- WATER
- POWER
- LIGHTING



KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

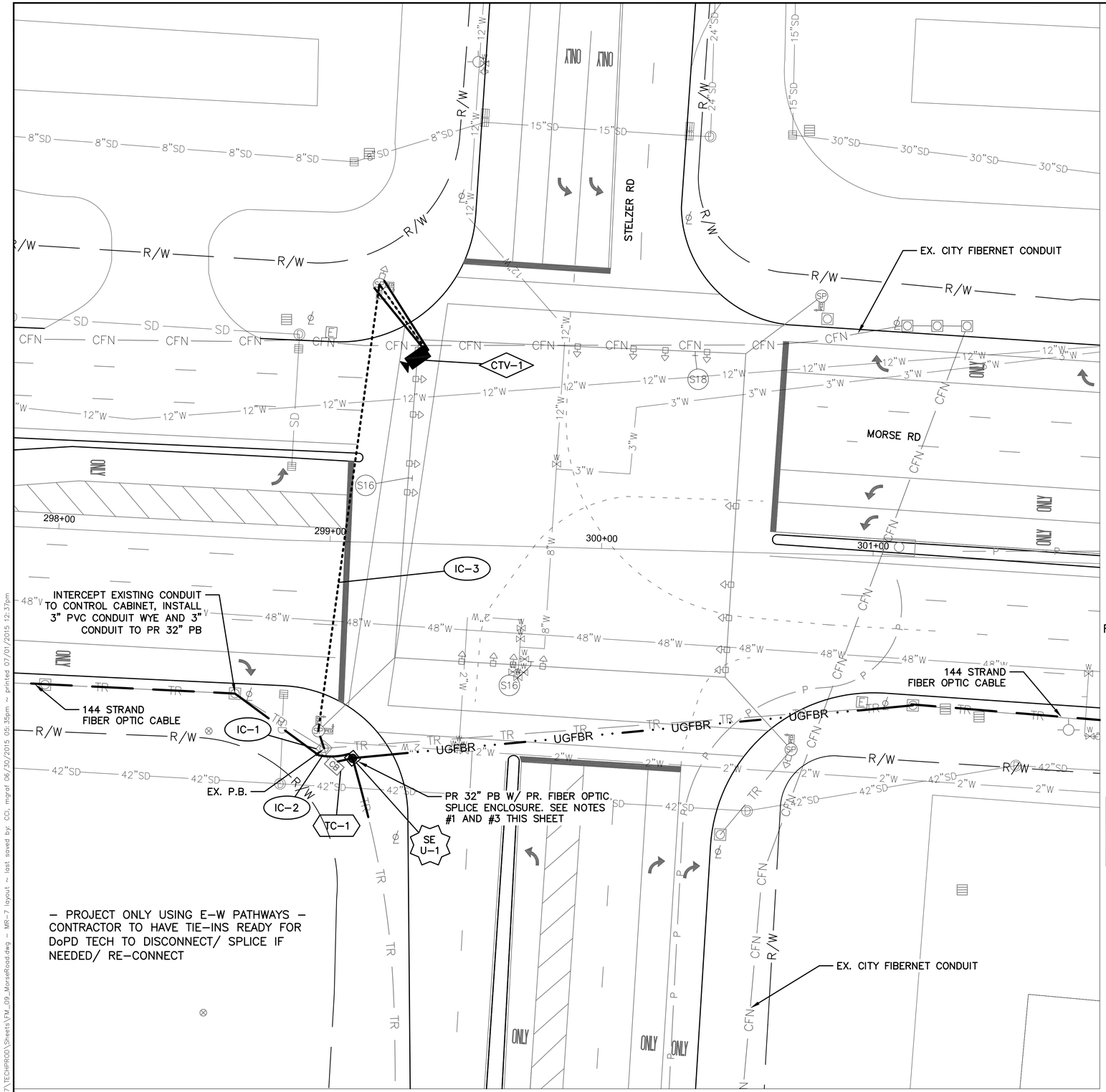
PID NUMBER 13034

MORSE RD AT SUNBURY RD INTERSECTION 3209

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

415
1107

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– PROJECT ONLY USING E–W PATHWAYS – CONTRACTOR TO HAVE TIE–INS READY FOR DoPD TECH TO DISCONNECT/ SPLICE IF NEEDED/ RE–CONNECT

MORSE RD AT STELZER RD - 3228

INTERSECTION COMMUNICATIONS

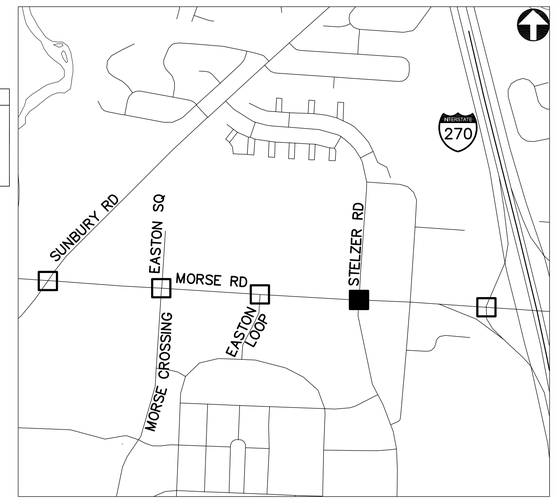
PROPOSED FIBER CABLE SEE SHEET 547 — INT #3228 WITH EXISTING SIGNAL CONTROLLER — PROPOSED FIBER CABLE SEE SHEET 547

NOTES:

1. SEE SHEET 547 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 420 FOR INTERSECTION QUANTITIES
3. SEE SHEET 900 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN
4. CCTV COMPOSITE CABLE AND CCTV FIELD CONTROLLER ARE INCIDENTAL TO ITEM 632: SIGNALIZATION MISC.: CCTV IP–CAMERA SYSTEM. COMPOSITE CABLE SHALL BE FREE OF SPLICES FROM THE CCTV CAMERA UNIT TO THE CCTV FIELD CONTROLLER UNIT.

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CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

PID NUMBER 13034

MORSE RD AT STELZER RD
INTERSECTION 3228

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

416
1107

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EX. CITY FIBERNET CONDUIT

EASTON SQUARE

MORSE RD

EASTON LOOP

144 STRAND FIBER OPTIC CABLE

EX. P.B. W/ PR. FIBER OPTIC SPLICE ENCLOSURE. SEE NOTES #1 AND #3 THIS SHEET

IC-1

IC-2

TC-1

287+00

288+00

289+00

290+00

INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 547 — INT #3231 WITH EXISTING SIGNAL CONTROLLER — PROPOSED FIBER CABLE SEE SHEET 547

NOTES:

1. SEE SHEET 547 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 420 FOR INTERSECTION QUANTITIES
3. SEE SHEET 902 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES

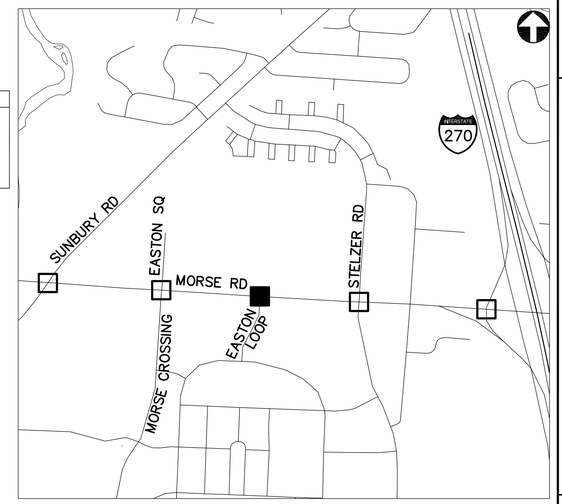
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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- SEWER
- WATER
- POWER
- LIGHTING



KEY PLAN
NOT TO SCALE

EASTON LOOP AND EASTON SQ AT MORSE RD - 3231

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

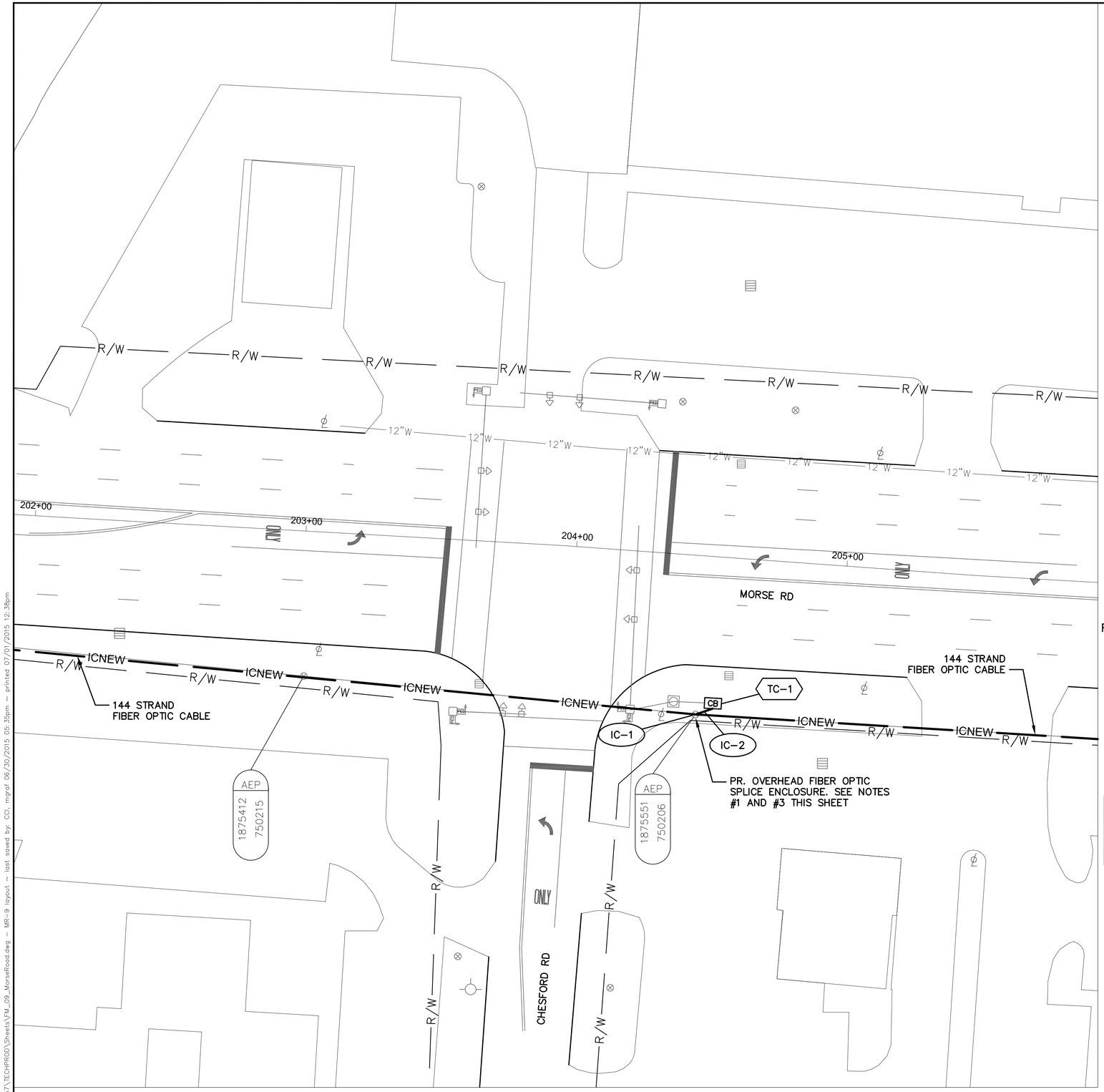
PID NUMBER 13034

EASTON LOOP AND EASTON SQ AT MORSE RD INTERSECTION 3231

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

417
1107

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CHESFORD RD AT MORSE RD - 3290

INTERSECTION COMMUNICATIONS

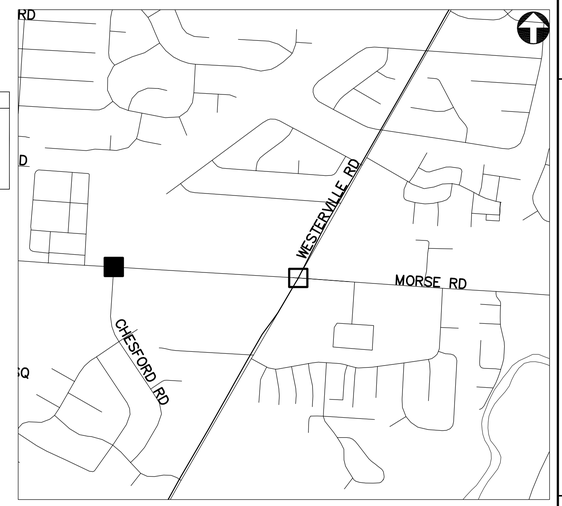
PROPOSED FIBER CABLE SEE SHEET 544 — INT #3290 WITH PROPOSED SIGNAL CONTROLLER — PROPOSED FIBER CABLE SEE SHEET 544

NOTES:

1. SEE SHEET 544 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 420 FOR INTERSECTION QUANTITIES
3. SEE SHEET 910 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

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CITY OF COLUMBUS UTILITY LEGEND
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- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

PID NUMBER 13034

CHESFORD RD AT MORSE RD
INTERSECTION 3290

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

418
1107

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EX. CITY FIBERNET CONDUIT

EASTON SQ

MORSE RD

MORSE CROSSING

144 STRAND FIBER OPTIC CABLE

144 STRAND FIBER OPTIC CABLE

EX. P.B. W/ PR. FIBER OPTIC SPLICE ENCLOSURE. SEE NOTES #1 AND #3 THIS SHEET

IC-1

IC-2

TC-1

277+00

278+00

279+00

280+00

INTERSECTION COMMUNICATIONS

EXISTING CFN CABLE SEE SHEET 421

INT #3237 WITH PROPOSED SIGNAL CONTROLLER

EXISTING CFN CABLE SEE SHEET 422

PROPOSED FIBER CABLE SEE SHEET 546

PROPOSED FIBER CABLE SEE SHEET 546

NOTES:

1. SEE SHEET 546 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 420 FOR INTERSECTION QUANTITIES
3. SEE SHEET 903 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES

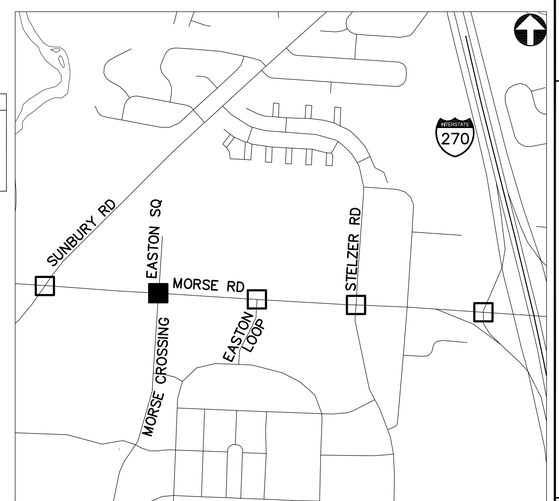
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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

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KEY PLAN
NOT TO SCALE

EASTON SQ AND MORSE CROSSING AT MORSE RD - 3237

2762 DR. E

HORIZONTAL SCALE IN FEET

PID NUMBER 13034

EASTON SQ AND MORSE CROSSING AT MORSE RD INTERSECTION 3237

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

419
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	STATION FROM	STATION TO	625 BRACKET ARM, 30', AS PER PLAN (EACH)	632 CONDUIT, 2" RISER, AS PER PLAN (EACH)	632 MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES (FT)	632 SIGNALIZATION, MISC.: CCTV IP-CAMERA SYSTEM (EACH)	633 CONTROLLER ITEM, MISC.: FIBER OPTIC ETHERNET TRANSCEIVER (EACH)	633 CONTROLLER ITEM, MISC.: LAYER 2 ETHERNET SWITCH (EACH)	633 CONTROLLER ITEM, MISC.: TERMINAL PORT SERVER (EACH)	633 CONTROLLER UNIT, TYPE TS2/A2, AS PER PLAN (EACH)	804 FIBER OPTIC CABLE, MISC.: 24 STRAND CABLE (FT)	804 FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 24 TERMINATION (EACH)
INTERSECTION 3209: MORSE RD. AT SUNBURY RD.													
415	IC-1	264+21, 89' RT										75	
415	IC-2	264+21, 89' RT	264+22, 96' RT									17	
415	TC-1	264+22, 96' RT						2	1	1			1
415	CTV-1	264+18, 82' RT					1						
INTERSECTION 3228: MORSE RD. AT STELZER RD.													
416	IC-1	298+98, 76' RT										75	
416	IC-2	298+98, 76' RT	299+01, 83' RT									17	
416	TC-1	299+01, 83' RT						2	1	1			1
416	IC-3	298+97, 70' RT	299+15, 95' LT			166							
416	CTV-1	299+15, 95' LT		1			1						
INTERSECTION 3231: EASTON LOOP & EASTON SQUARE AT MORSE RD.													
417	IC-1	287+87, 50' RT										75	
417	IC-2	287+87, 50' RT	287+95, 62' RT									25	
417	TC-1	287+95, 62' RT						2	1	1			1
INTERSECTION 3290: CHESFORD RD. AT MORSE RD.													
418	IC-1	204+46, 59' RT			1							110	
418	IC-2	204+46, 59' RT	204+52, 54' RT									18	
418	TC-1	204+54, 52' RT						2	1		1		1
INTERSECTION 3237: EASTON SQ. AND MORSE CROSSING AT MORSE RD.													
419	IC-1	277+19, 69' RT										150	
419	IC-2	277+19, 69' RT	277+10, 73' RT									40	
419	TC-1	277+10, 73' RT						4	1		1		2
SHEET TOTAL				1	1	166	2	12	5	3	2	602	6

2762 DR. E

PID NUMBER 13034

INTERSECTION QUANTITIES
INTERSECTIONS 3209, 3228, 3231, 3290 AND 3237

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

420
1107

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EX. CITY FIBERNET CONDUIT

EX. P.B. W/ PR. FIBER OPTIC SPLICE ENCLOSURE. SEE NOTES #1 AND #3 THIS SHEET

SE U-1

IC-4

EX. PB. 32", TRF

IC-3

IC-5

PR PB. 32", TRF

EX. CITY FIBERNET CONDUIT

223+00

224+00

225+00

226+00

CTV-1

IC-1

MORSE RD

TC-1

IC-2

EX. PB. TRF

PR. OVERHEAD FIBER OPTIC SPLICE ENCLOSURE. SEE NOTES #1 AND #3 THIS SHEET

CUT CONDUIT IN PULL BOX. PULL FIBER OPTIC CABLE STRAIGHT THROUGH PULL BOX.

WESTERVILLE RD

AEP 1877382 750086

AEP 1877588 750070

MORSE RD AT WESTERVILLE RD - 3291

INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 545 — INT #3291 WITH PROPOSED SIGNAL CONTROLLER — EX. CITY FIBERNET CONNECTION

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 15.

UNDERGROUND UTILITIES

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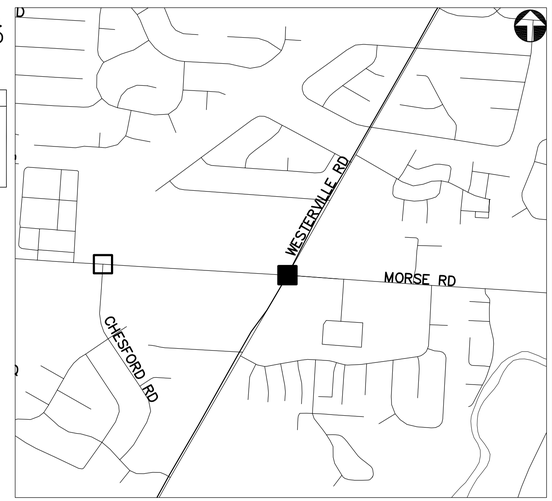
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- SEWER
- WATER
- POWER
- LIGHTING

NOTES:

1. SEE SHEET 545 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 423 FOR INTERSECTION QUANTITIES
3. SEE SHEET 911 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN
4. CCTV COMPOSITE CABLE AND CCTV FIELD CONTROLLER ARE INCIDENTAL TO ITEM 632: SIGNALIZATION MISC.: CCTV IP-CAMERA SYSTEM. COMPOSITE CABLE SHALL BE FREE OF SPLICES FROM THE CCTV CAMERA UNIT TO THE CCTV FIELD CONTROLLER UNIT.



KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

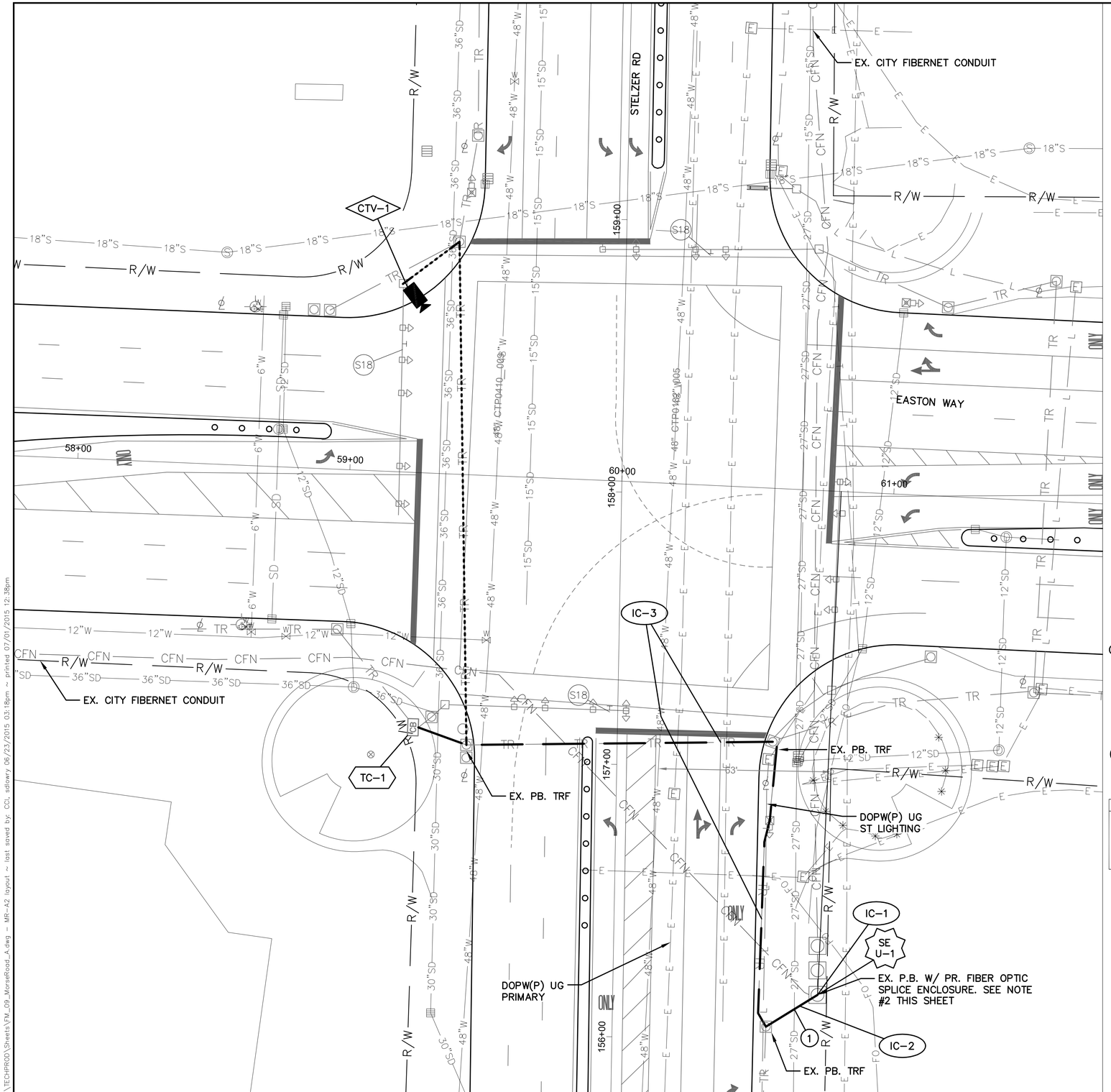
PID NUMBER 13034

MORSE RD AT WESTERVILLE RD INTERSECTION 3291

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

421
1107

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EASTON WAY AT STELZER RD - 3229

INTERSECTION COMMUNICATIONS

EX. CITY FIBERNET CONNECTION

EX. CITY FIBERNET CONNECTION — INT #3229 WITH EXISTING SIGNAL CONTROLLER

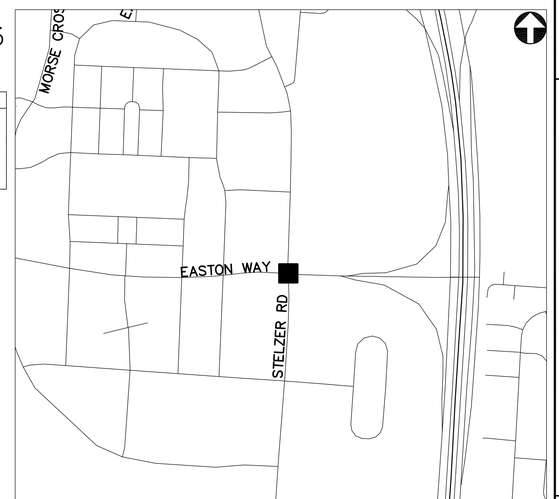
NOTES:

1. SEE SHEET 423 FOR INTERSECTION QUANTITIES
2. SEE SHEET 901 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN
3. CCTV COMPOSITE CABLE AND CCTV FIELD CONTROLLER ARE INCIDENTAL TO ITEM 632: SIGNALIZATION MISC.: CCTV IP-CAMERA SYSTEM. COMPOSITE CABLE SHALL BE FREE OF SPLICES FROM THE CCTV CAMERA UNIT TO THE CCTV FIELD CONTROLLER UNIT.

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 15.

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- LIGHTING



KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

PID NUMBER 13034

EASTON WAY AT STELZER RD
INTERSECTION 3229

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

422
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	STATION FROM	STATION TO	202 CURB REMOVED FT	202 WALK REMOVED SF	608 8" CONCRETE WALK, AS PER PLAN SF	609 CURB, STRAIGHT 18", AS PER PLAN FT	625 CONDUIT, CONCRETE ENCASED, 3", 725.05, AS PER PLAN FT	625 TRENCH IN PAVED AREA, AS PER PLAN FT	632 CONDUIT: 2" RISER, AS PER PLAN EACH	632 SIGNALIZATION, MISC.: CCTV IP-CAMERA SYSTEM EACH	633 CONTROLLER ITEM, MISC.: FIBER OPTIC ETHERNET TRANSCEIVER EACH	633 CONTROLLER ITEM, MISC.: LAYER 2 ETHERNET SWITCH EACH	633 CONTROLLER UNIT, TYPE TS2/A2, AS PER PLAN EACH	804 FIBER OPTIC CABLE, MISC.: 24 STRAND CABLE FT	804 FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 24 TERMINATION EACH	804 SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN EACH	FUSION SPLICE, AS PER PLAN *								
INTERSECTION 3291: MORSE RD. AT WESTERVILLE RD.																										
421	IC-1	224+91, 59' RT								1					110											
421	IC-2	224+91, 59' RT	224+49, 76' RT												57											
421	SE U-1	224+99, 87' LT															1	6								
421	IC-3	224+99, 87' LT													75											
421	IC-4	224+99, 87' LT	225+17, 75' LT	10	50	50	10	23	23						23											
421	IC-5	225+17, 75' LT	224+49, 76' RT												177											
421	TC-1	224+49, 76' RT										3	1	1		2										
421	CTV-1	224+97, 54' RT									1															
421	PULL BOX SLACK														40											
INTERSECTION 3229: EASTON WAY AT STELZER RD.																										
422	SE U-1	60+81, 185' RT															1	6								
422	IC-1	60+81, 185' RT													75											
422	IC-2	60+81, 185' RT	60+62, 198' RT		150	150		22	22						22											
422	IC-3	60+62, 198' RT	59+27, 94' RT												247											
422	TC-1	59+27, 94' RT										1	1			1										
422	CTV-1	59+39, 85' RT									1															
422	PULL BOX SLACK														30											
		SHEET TOTAL		10	200	200	10	45	45	1	2	4	2	1	856	3	2	12	-	-	-	-	-	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

2762 DR. E

PID NUMBER 13034

INTERSECTION QUANTITIES
INTERSECTIONS 3291 AND 3229

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

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144 STRAND FIBER OPTIC CABLE

PR. OVERHEAD FIBER OPTIC SPLICE ENCLOSURE. SEE NOTES #1 AND #3 THIS SHEET

AEP 1833919 752688

IC-1 IC-2 IC-3 IC-4 TC-1 CTV-1

SAWMILL RD

BETHEL RD

ICNEW ICOVL

144 STRAND FIBER OPTIC CABLE

144 STRAND FIBER OPTIC CABLE

BETHEL RD AT SAWMILL RD - 4125

INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 667

INT #4125 WITH EXISTING SIGNAL CONTROLLER

PROPOSED FIBER CABLE SEE SHEET 687

PROPOSED FIBER CABLE SEE SHEET 667

NOTES:

1. SEE SHEETS 667 AND 687 FOR INTERCONNECT PLANS BETWEEN INTERSECTIONS
2. SEE SHEET 429 FOR INTERSECTION QUANTITIES
3. SEE SHEET 938 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN
4. CCTV COMPOSITE CABLE AND CCTV FIELD CONTROLLER ARE INCIDENTAL TO ITEM 632: SIGNALIZATION MISC.: CCTV IP-CAMERA SYSTEM. COMPOSITE CABLE SHALL BE FREE OF SPLICES FROM THE CCTV CAMERA UNIT TO THE CCTV FIELD CONTROLLER UNIT.

UNDERGROUND UTILITIES

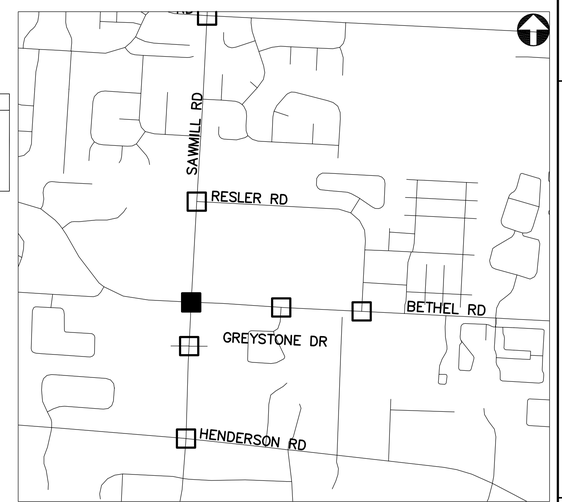
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KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

PID NUMBER 13034

BETHEL RD AT SAWMILL RD INTERSECTION 4125

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

424
1107

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144 STRAND
FIBER OPTIC CABLE

AEP
1834037
755902

R/W
ICNEW

1040+00

ONLY

TC-1
IC-4
IC-3
IC-2
IC-1

PR. OVERHEAD FIBER OPTIC
SPLICE ENCLOSURE. SEE NOTES
#1 AND #3 THIS SHEET

CB

PC
SP

1039+00

12"SD

24"W

24"SD

ABBEY CHURCH RD

AEP
1834033
755813

0+00

27"SD

1+00

2+0

ONLY

WEST CASE RD

8"W

12"W

15"SD

1038+00

SAWMILL RD

AEP
1834027
755647

ICGVL

1037+00

144 STRAND
FIBER OPTIC CABLE

6"W

INTERSECTION COMMUNICATIONS

PROPOSED
FIBER CABLE
SEE SHEET
669

INT #4166 WITH
EXISTING SIGNAL
CONTROLLER

PROPOSED
FIBER CABLE
SEE SHEET
669

NOTES:

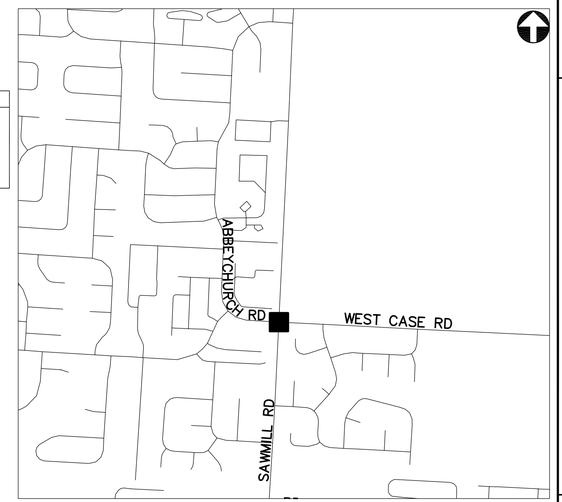
1. SEE SHEET 669 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS

2. SEE SHEET 429 FOR INTERSECTION QUANTITIES

3. SEE SHEET 947 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS
UTILITY LEGEND
- SEWER
- WATER
- POWER
- LIGHTING



KEY PLAN
NOT TO SCALE

2762 DR. E

ABBEY CHURCH RD AND WEST CASE RD AT SAWMILL RD - 4166

HORIZONTAL SCALE IN FEET
0 20 40

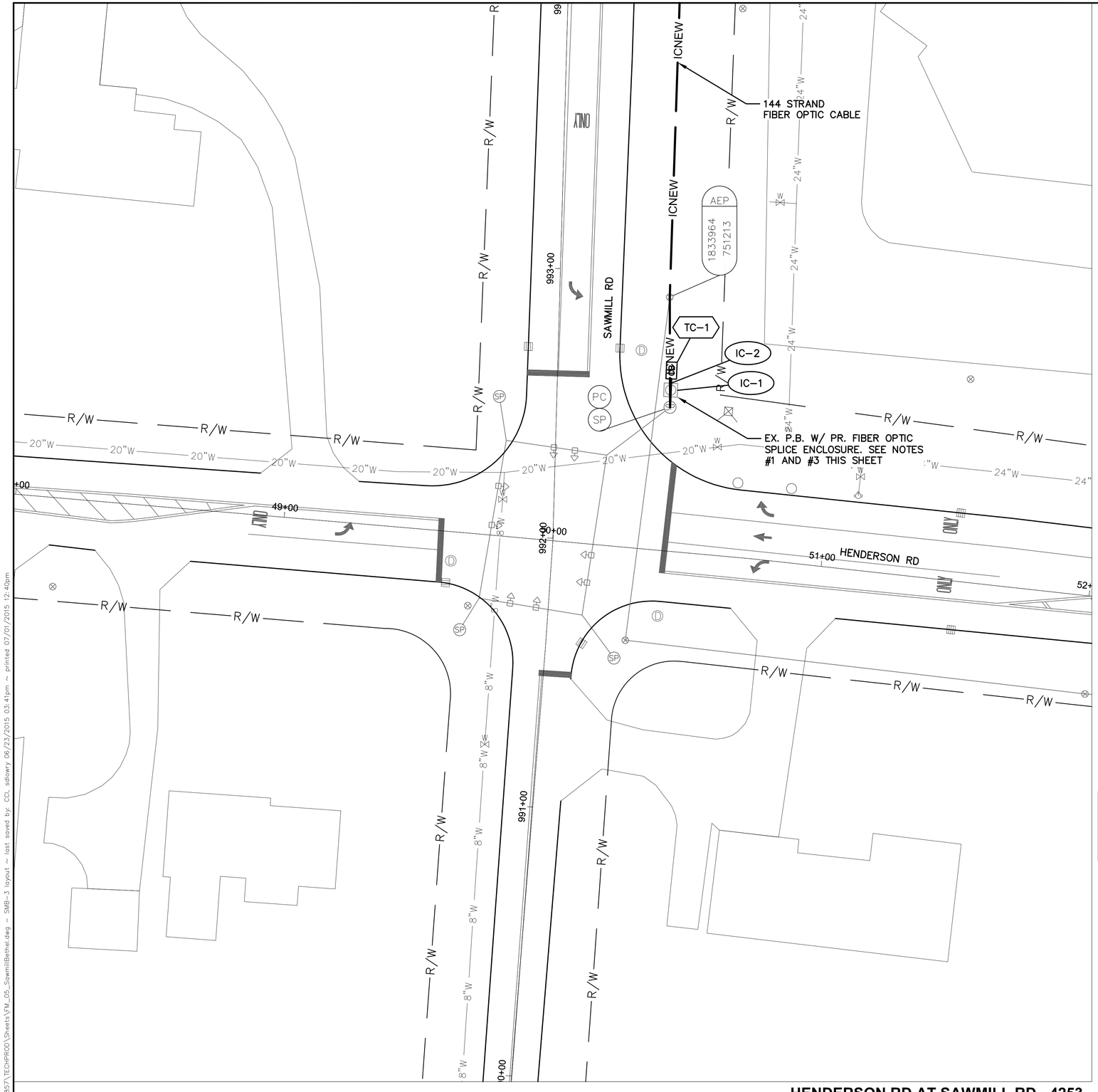
PID NUMBER
13034

ABBEY CHURCH RD AND WEST CASE RD AT SAWMILL RD
INTERSECTION 4166

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

425
1107

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HENDERSON RD AT SAWMILL RD - 4253

INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 667

INT #4253 WITH PROPOSED SIGNAL CONTROLLER

NOTES:

1. SEE SHEET 667 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 429 FOR INTERSECTION QUANTITIES
3. SEE SHEET 985 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES

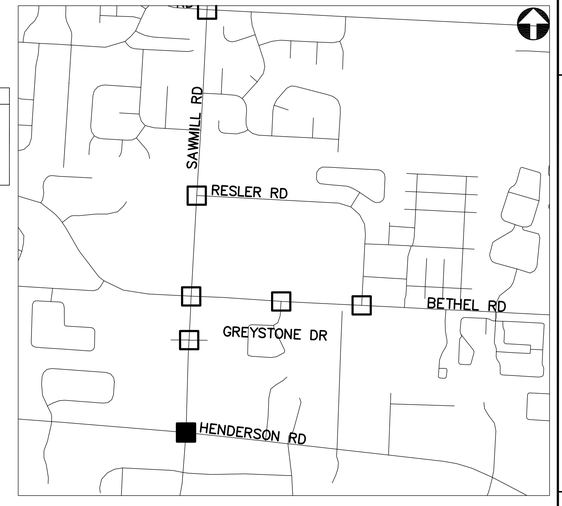
TWO WORKING DAYS BEFORE YOU DIG

CALL TOLL FREE 800-362-2764

OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

PID NUMBER 13034

HENDERSON RD AT SAWMILL RD
INTERSECTION 4253

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

426
1107

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144 STRAND FIBER OPTIC CABLE

AEP 1833947 753812

ELECTRICAL SUBSTATION

IC-1 IC-2 IC-3 IC-4 TC-1

AEP 1833941 753632

PR. OVERHEAD FIBER OPTIC SPLICE ENCLOSURE. SEE NOTES #1 AND #3 THIS SHEET

144 STRAND FIBER OPTIC CABLE

RESLER DR

SAWMILL RD

1020+00 1019+00 1018+00 1017+00

36"SD 18"SD 15"SD 12"SD 10"SD 6"W 12"W 24"W 30"SD

R/W 16CVL ONLY PC SP GB

RESLER DR AT SAWMILL RD - 4185

INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 668

INT #4185 WITH EXISTING SIGNAL CONTROLLER

PROPOSED FIBER CABLE SEE SHEET 668

NOTES:

1. SEE SHEET 668 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 429 FOR INTERSECTION QUANTITIES
3. SEE SHEET 957 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES

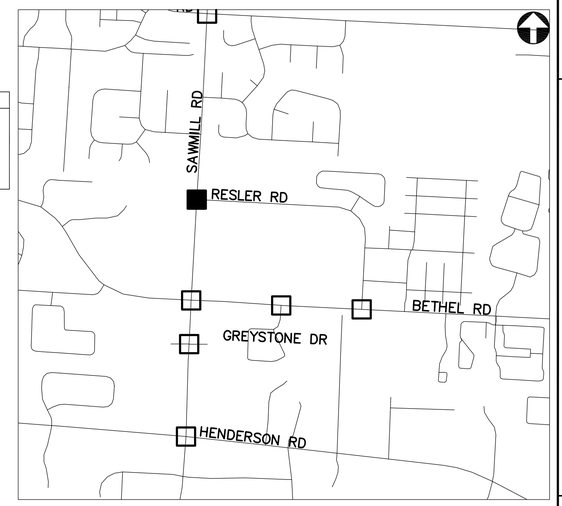
TWO WORKING DAYS BEFORE YOU DIG

CALL TOLL FREE 800-362-2764

OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- SEWER
- WATER
- POWER
- LIGHTING



KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

PID NUMBER 13034

RESLER DR AT SAWMILL RD INTERSECTION 4185

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

427
1107

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PR. OVERHEAD FIBER OPTIC SPLICE ENCLOSURE. SEE NOTES #1 AND #3 THIS SHEET

144 STRAND FIBER OPTIC CABLE

144 STRAND FIBER OPTIC CABLE

CARRIAGE PL

BETHEL RD

GREYSTONE DR

NC

AEP 1834964 752608

AEP 1835099 752600

PC SP

IC-1 IC-2 TC-1

28+00 29+00 30+00 31+00

ONLY

8"SD 18"SD 36"SD 12"SD 15"SD 6"W 12"W R/W L ICOVL

INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 687 — INT #4186 WITH EXISTING SIGNAL CONTROLLER — PROPOSED FIBER CABLE SEE SHEET 687

NOTES:

1. SEE SHEET 687 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 429 FOR INTERSECTION QUANTITIES
3. SEE SHEET 958 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES

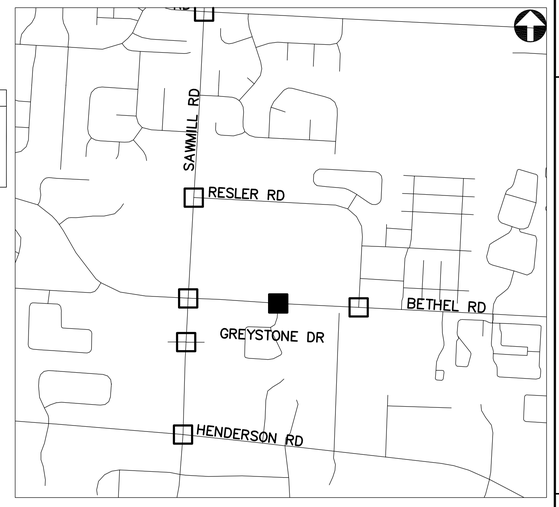
TWO WORKING DAYS BEFORE YOU DIG

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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- SEWER
- WATER
- POWER
- LIGHTING



KEY PLAN
NOT TO SCALE

BETHEL RD AT CARRIAGE PLACE SHOPPING CENTER AND GREYSTONE DR - 4186

2762 DR. E

HORIZONTAL SCALE IN FEET 0 20 40

PID NUMBER 13034

BETHEL RD AT CARRIAGE PLACE SHOPPING CENTER AND GREYSTONE DR INTERSECTION 4186

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

428
1107

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ESTIMATED QUANTITIES

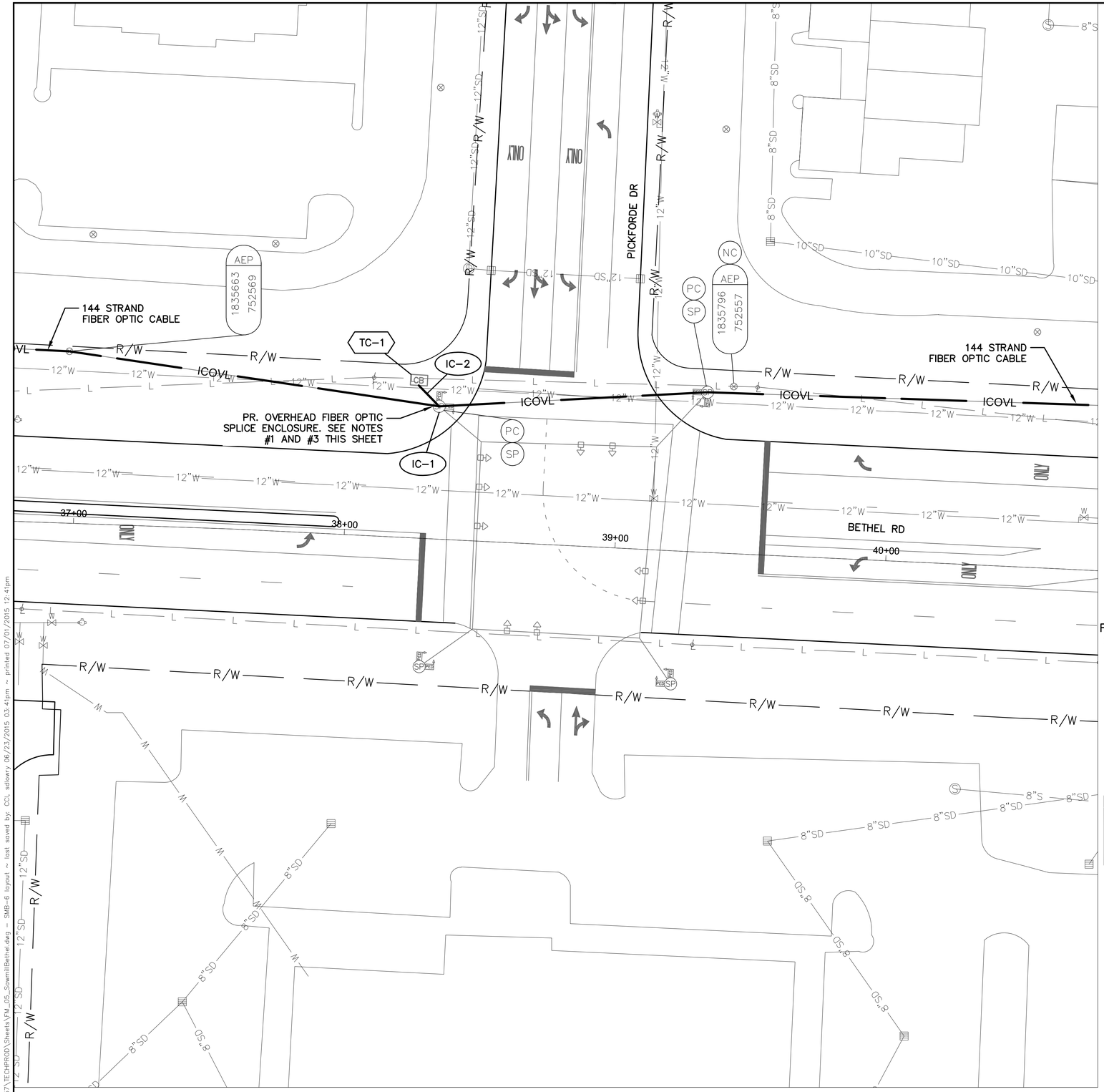
SHEET NUMBER	REFERENCE NUMBER	STATION		625 BRACKET ARM, 30', AS PER PLAN	632 MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES	632 SIGNALIZATION, MISC.: CCTV IP-CAMERA SYSTEM	633 CONTROLLER ITEM, MISC.: FIBER OPTIC ETHERNET TRANSCEIVER	633 CONTROLLER ITEM, MISC.: LAYER 2 ETHERNET SWITCH	633 CONTROLLER ITEM, MISC.: TERMINAL PORT SERVER	633 CONTROLLER UNIT, TYPE TS2/A2, AS PER PLAN	804 FIBER OPTIC CABLE, MISC.: 24 STRAND CABLE	804 FIBER OPTIC CABLE, MISC.: 48 STRAND CABLE	804 FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 24 TERMINATION	804 FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 48 TERMINATION											
		FROM	TO	EACH	FT	EACH	EACH	EACH	EACH	EACH	FT	FT	EACH	EACH											
INTERSECTION 4125: BETHEL RD. AT SAWMILL RD.																									
424	IC-1	1007+66, 61' LT										75													
424	IC-2	1007+66, 61' LT	1007+54, 70' LT									15													
424	IC-3	1007+54, 70' LT										35													
424	IC-4	1007+54, 70' LT	1007+66, 68' LT									22													
424	TC-1	1007+66, 68' LT					4	1	1					1											
424	CTV-1	1006+38, 71' LT		1		1																			
424	PULL BOX SLACK											10													
INTERSECTION 4166: SAWMILL RD. AT ABBEY CHURCH RD. AND WEST CASE RD.																									
425	IC-1	1038+85, 59' LT										75													
425	IC-2	1038+85, 59' LT	1038+93, 49' LT		13							13													
425	IC-3	1038+93, 49' LT										35													
425	IC-4	1038+93, 49' LT	1039+07, 51' LT									25													
425	TC-1	1039+07, 51' LT					2	1	1					1											
425	PULL BOX SLACK											10													
INTERSECTION 4253: HENDERSON RD. AT SAWMILL RD.																									
426	IC-1	992+56, 42' RT									75														
426	IC-2	992+56, 42' RT	992+63, 42' RT								25														
426	TC-1	992+63, 42' RT					2	1		1			1												
426	PULL BOX SLACK										10														
INTERSECTION 4185: RESLER DR. AT SAWMILL RD.																									
427	IC-1	1017+36, 57' LT									75														
427	IC-2	1017+36, 57' LT	1017+63, 47' LT		29						29														
427	IC-3	1017+63, 47' LT									35														
427	IC-4	1017+63, 47' LT	1017+49, 47' LT								24														
427	TC-1	1017+49, 47' LT					2	1	1				1												
427	PULL BOX SLACK										10														
INTERSECTION 4186: BETHEL RD. AT CARRIAGE PLACE SHOPPING CENTER AND GREYSTONE DR																									
428	IC-1	29+42, 54' LT									110														
428	IC-2	29+42, 54' LT	29+51, 54' LT								19														
428	TC-1	29+51, 54' LT					2	1	1				1												
		SHEET TOTAL		1	42	1	12	5	4	1	412	315	3	2	-	-	-	-	-	-	-	-	-	-	-

PID NUMBER 13034

INTERSECTION QUANTITIES
INTERSECTIONS 4125, 4166, 4253, 4185 AND 4186

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

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BETHEL RD AT PICKFORDE DR - 4187

INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 687 — INT #4187 WITH EXISTING SIGNAL CONTROLLER — PROPOSED FIBER CABLE SEE SHEET 687

NOTES:

1. SEE SHEET 687 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 435 FOR INTERSECTION QUANTITIES
3. SEE SHEET 959 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES

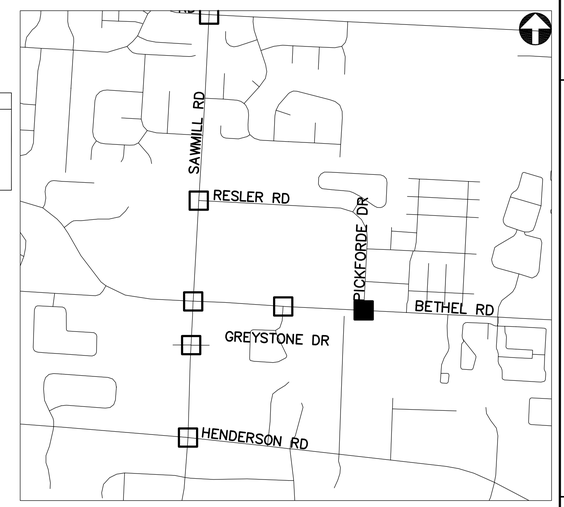
TWO WORKING DAYS BEFORE YOU DIG

CALL TOLL FREE 800-362-2764

OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- SEWER
- WATER
- POWER
- LIGHTING



KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

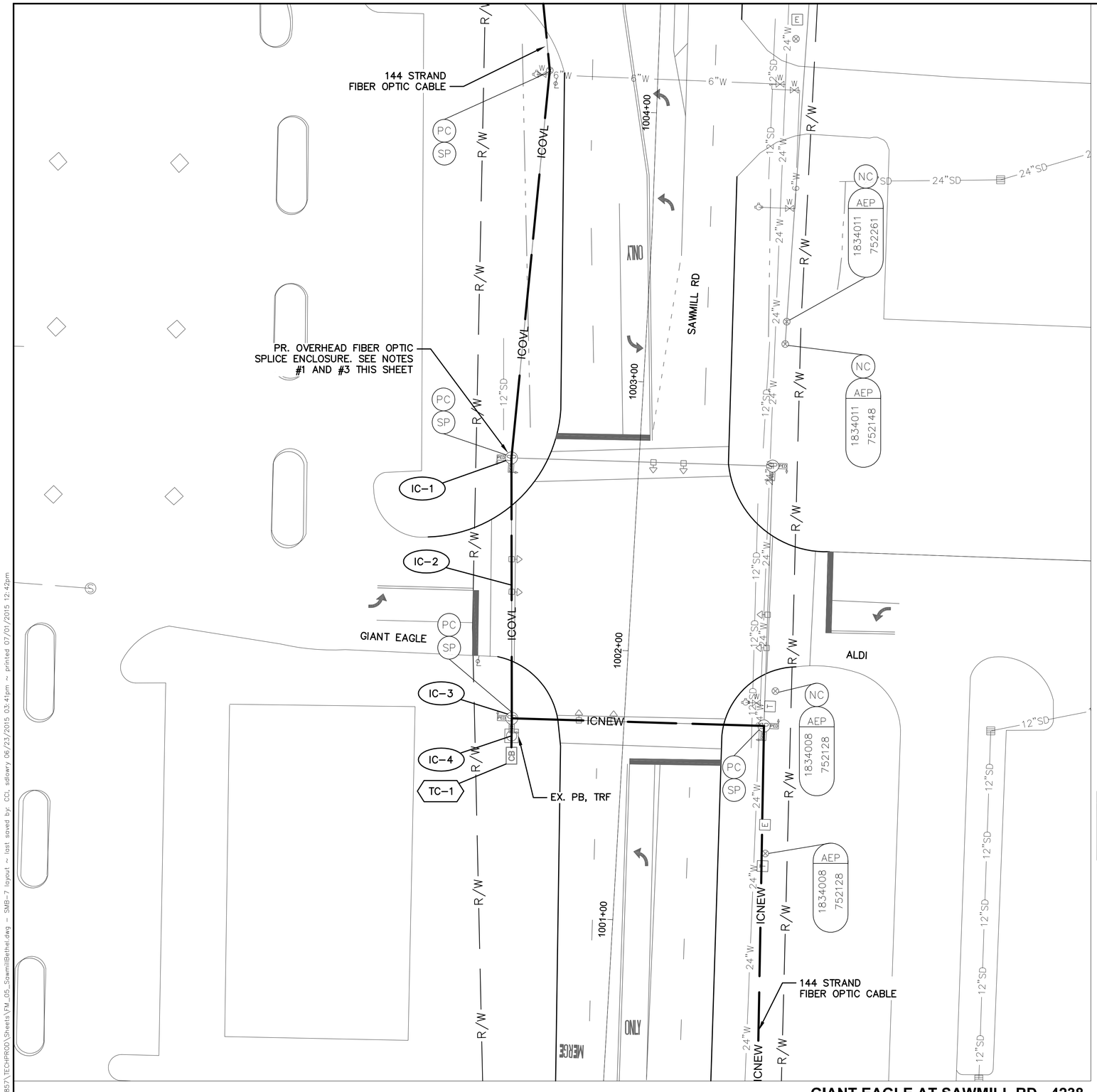
PID NUMBER 13034

BETHEL RD AT PICKFORDE DR INTERSECTION 4187

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

430
1107

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GIANT EAGLE AT SAWMILL RD - 4238

INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 667

INT #4238 WITH EXISTING SIGNAL CONTROLLER

PROPOSED FIBER CABLE SEE SHEET 667

NOTES:

1. SEE SHEET 667 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 435 FOR INTERSECTION QUANTITIES
3. SEE SHEET 982 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES

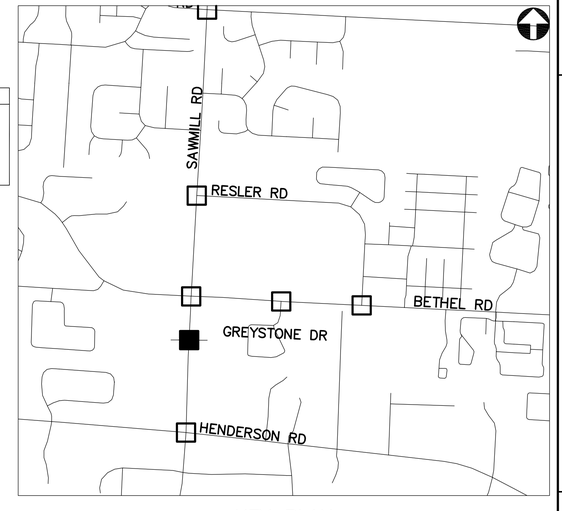
TWO WORKING DAYS BEFORE YOU DIG

CALL TOLL FREE 800-362-2764

OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

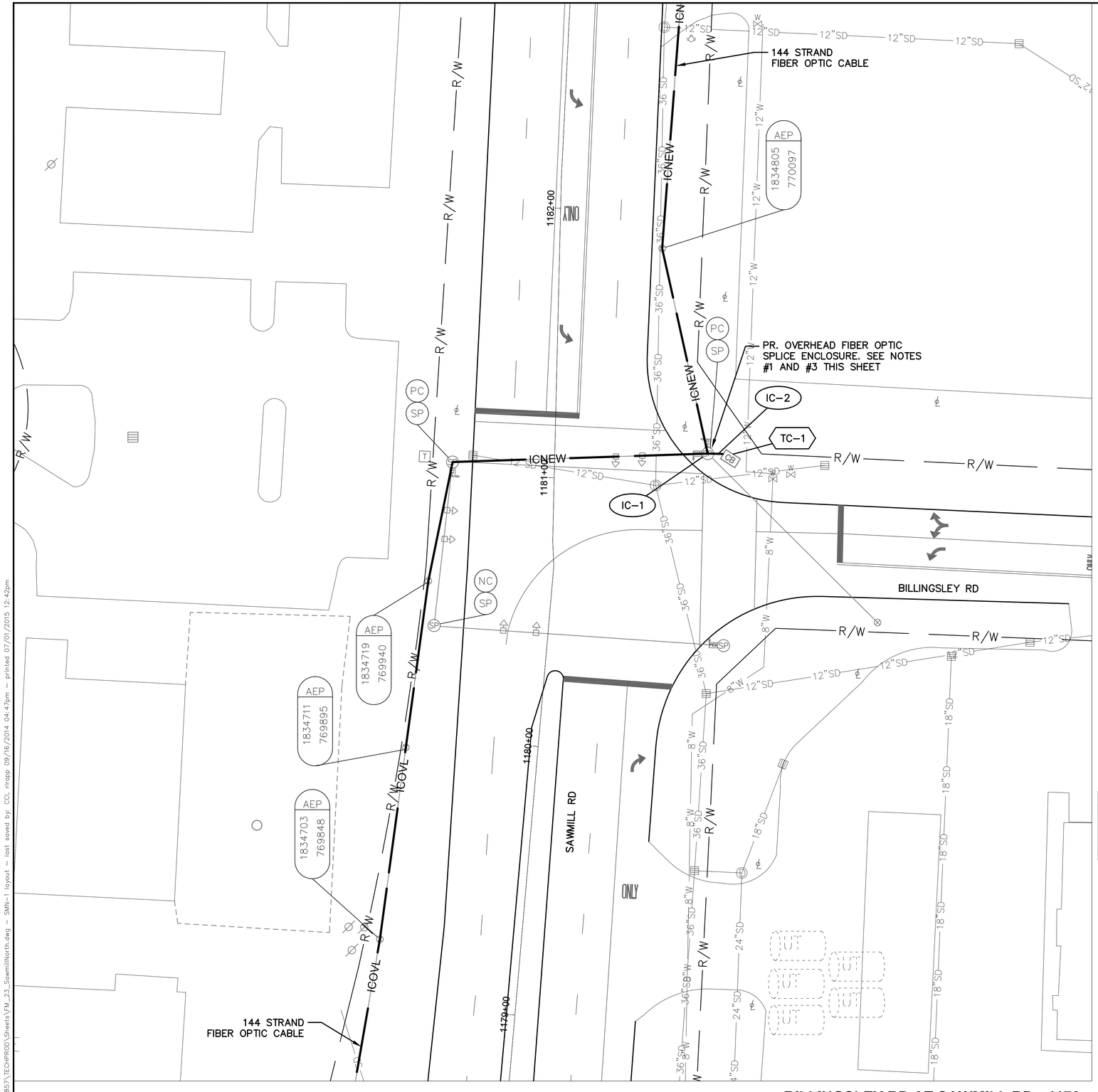
PID NUMBER 13034

GIANT EAGLE AT SAWMILL RD
INTERSECTION 4238

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

431
1107

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INTERSECTION COMMUNICATIONS

PROPOSED
FIBER CABLE
SEE SHEET
678

INT #4176 WITH
EXISTING SIGNAL
CONTROLLER

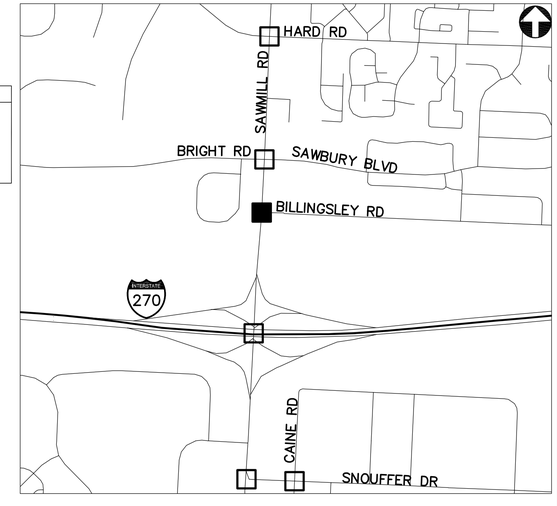
PROPOSED
FIBER CABLE
SEE SHEET
678

NOTES:

1. SEE SHEET 678 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 435 FOR INTERSECTION QUANTITIES
3. SEE SHEET 952 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS
UTILITY LEGEND
- SEWER
- WATER
- POWER
- LIGHTING



KEY PLAN
NOT TO SCALE

BILLINGSLEY RD AT SAWMILL RD - 4176

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

PID NUMBER
13034

BILLINGSLEY RD AT SAWMILL RD
INTERSECTION 4176

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

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144 STRAND FIBER OPTIC CABLE

AEP 1834837 770712

AEP 1834832 770642

PR. OVERHEAD FIBER OPTIC SPLICE ENCLOSURE. SEE NOTES #1 AND #3 THIS SHEET

IC-1 IC-2 IC-3 IC-4 TC-1

EX. PB, TRF

BRIGHT RD

SAWBURY BLVD

SAWMILL RD

ICNEW ICOVL

1188+00 1187+00 1186+00 1185+00

ONLY

AEP 1834819 770481

144 STRAND FIBER OPTIC CABLE

BRIGHT RD AND SAWBURY BLVD AT SAWMILL RD - 4177

INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 678

INT #4177 WITH EXISTING SIGNAL CONTROLLER

PROPOSED FIBER CABLE SEE SHEET 678

NOTES:

1. SEE SHEET 678 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 435 FOR INTERSECTION QUANTITIES
3. SEE SHEET 953 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES

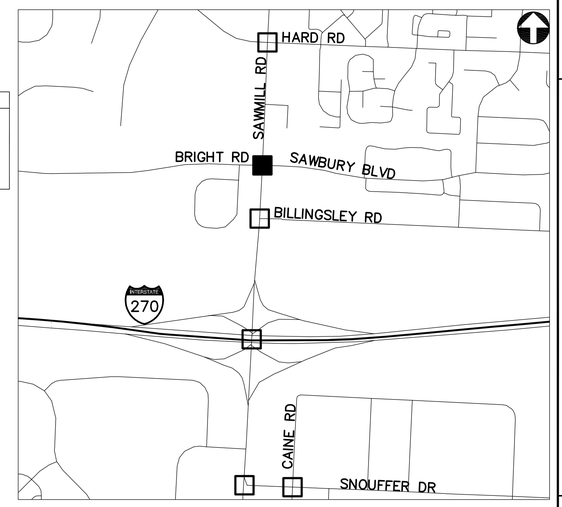
TWO WORKING DAYS BEFORE YOU DIG

CALL TOLL FREE 800-362-2764

OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- SEWER
- WATER
- POWER
- LIGHTING



KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

PID NUMBER 13034

BRIGHT RD AND SAWBURY BLVD AT SAWMILL RD INTERSECTION 4177

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

433
1107

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HARD RD AT SAWMILL RD - 4178

INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 679

INT #4178 WITH EXISTING SIGNAL CONTROLLER

PROPOSED FIBER CABLE SEE SHEET 679

NOTES:

1. SEE SHEET 679 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 435 FOR INTERSECTION QUANTITIES
3. SEE SHEET 954 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES

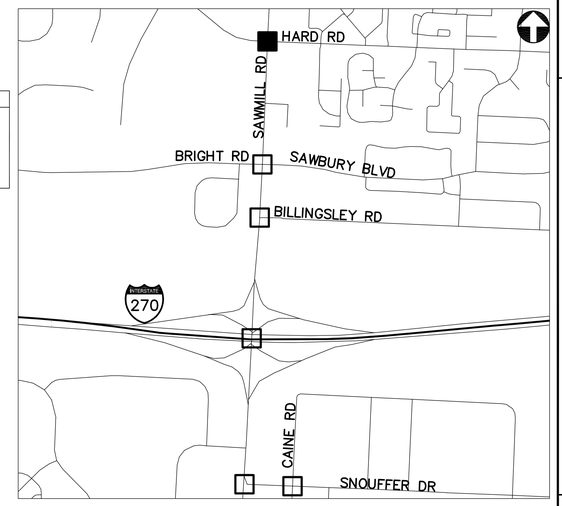
TWO WORKING DAYS BEFORE YOU DIG

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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

PID NUMBER 13034

HARD RD AT SAWMILL RD
INTERSECTION 4178

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

434
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	STATION FROM	STATION TO	632 CONDUIT; 2" RISER, AS PER PLAN (EACH)	632 MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES (FT)	633 CONTROLLER ITEM, MISC.: FIBER OPTIC ETHERNET TRANSCEIVER (EACH)	633 CONTROLLER ITEM, MISC.: LAYER 2 ETHERNET SWITCH (EACH)	633 CONTROLLER ITEM, MISC.: TERMINAL PORT SERVER (EACH)	633 INTERCONNECT, MISC.: OVERLASH TO EXISTING INTERCONNECT (FT)	804 FIBER OPTIC CABLE, MISC.: 24 STRAND CABLE (FT)	804 FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 24 TERMINATION (EACH)														
INTERSECTION 4187: BETHEL RD. AT PICKFORDE DR.																										
430	IC-1	38+33, 49' LT								110																
430	IC-2	38+33, 49' LT	38+25, 58' LT							22																
430	TC-1	38+25, 58' LT				2	1	1			1															
INTERSECTION 4238: GIANT EAGLE AT SAWMILL RD.																										
431	IC-1	1002+49, 47' LT								75																
431	IC-2	1002+49, 47' LT	1001+73, 42' LT							97																
431	IC-3	1001+73, 42' LT								35																
431	IC-4	1001+73, 42' LT	1001+62, 41' LT							21																
431	TC-1	1001+62, 41' LT				2	1	1			1															
431	PULL BOX SLACK									10																
INTERSECTION 4176: BILLINGSLEY RD. AT SAWMILL RD.																										
432	IC-1	1181+10, 57' RT								110																
432	IC-2	1181+10, 57' RT	1181+09, 65' RT							18																
432	TC-1	1181+09, 65' RT				2	1	1			1															
INTERSECTION 4177: BRIGHT RD. & SAWBURY BLVD. AT SAWMILL RD.																										
433	IC-1	1187+22, 39' RT								75																
433	IC-2	1187+22, 39' RT	1187+16, 52' LT						116	116																
433	IC-3	1187+16, 52' LT								35																
433	IC-4	1187+16, 52' LT	1187+05, 58' LT							23																
433	TC-1	1187+05, 58' LT				2	1	1			1															
433	PULL BOX SLACK									10																
INTERSECTION 4178: HARD RD. AT SAWMILL RD.																										
434	IC-1	1200+89, 40' RT								75																
434	IC-2	1200+89, 40' RT	1200+74, 45' RT		15					15																
434	IC-3	1200+74, 45' RT		1						35																
434	IC-4	1200+74, 45' RT	1200+68, 55' RT							22																
434	TC-1	1200+68, 55' RT				2	1	1			1															
		SHEET TOTAL		1	15	10	5	5	116	904	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

2762 DR. E

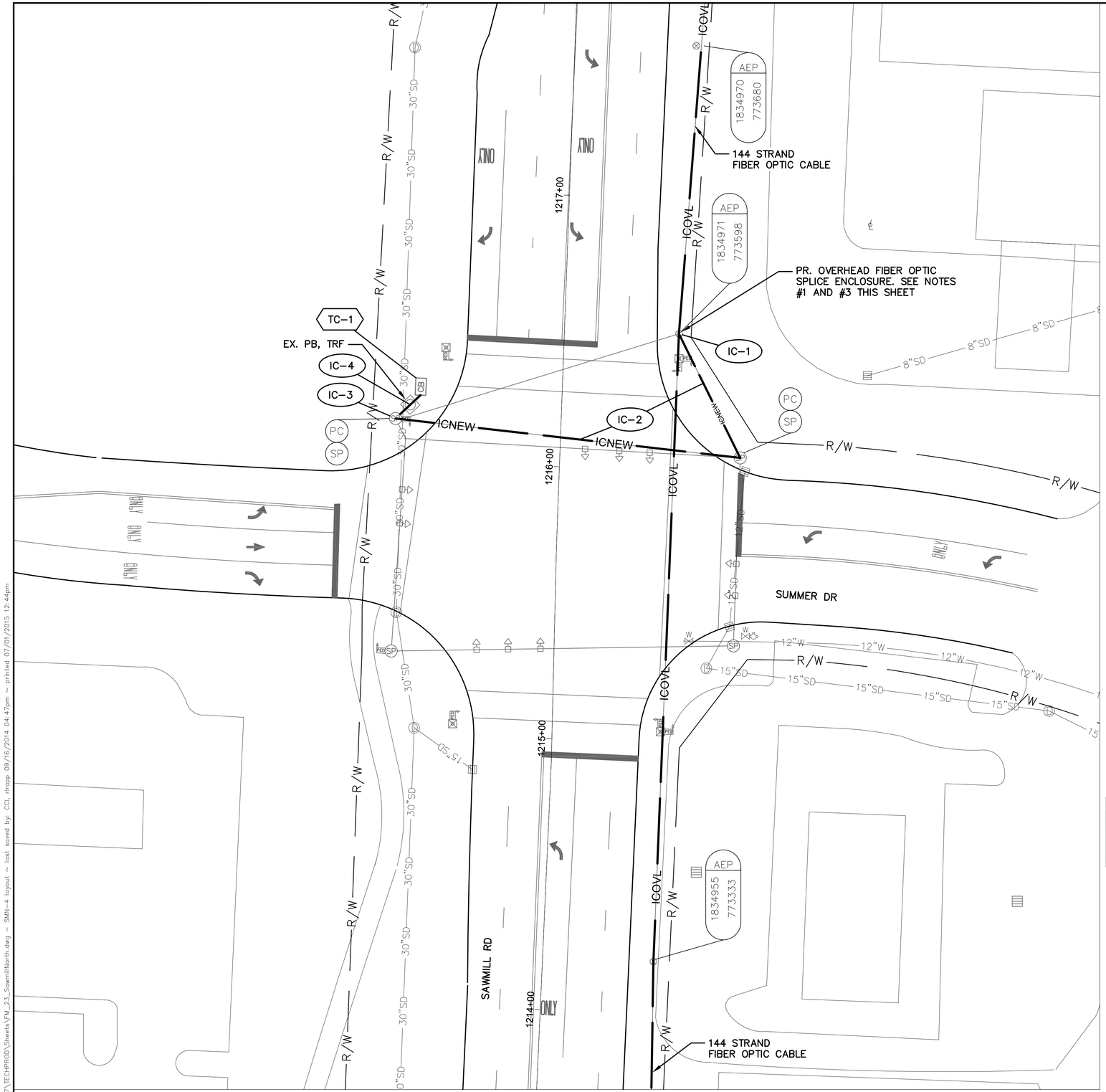
PID NUMBER 13034

INTERSECTION QUANTITIES
INTERSECTIONS 4187, 4238, 4176, 4177 AND 4178

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

435
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_05_23_22_Sawmill_Quantities.dwg – Sawmill–2 layout ~ last saved by: CDI, rlrapp 09/16/2014 04:39pm ~ printed 07/01/2015 12:43pm



SAWMILL RD AT SUMMER DR - 4179

INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 680

INT #4179 WITH EXISTING SIGNAL CONTROLLER

PROPOSED FIBER CABLE SEE SHEET 680

NOTES:

1. SEE SHEET 680 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 441 FOR INTERSECTION QUANTITIES
3. SEE SHEET 955 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES

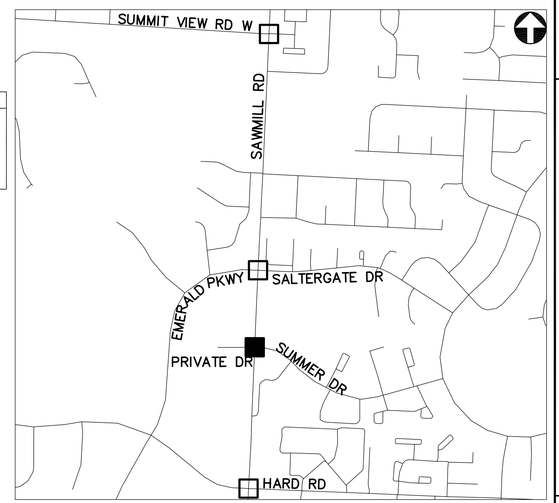
TWO WORKING DAYS BEFORE YOU DIG

CALL TOLL FREE 800-362-2764

OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

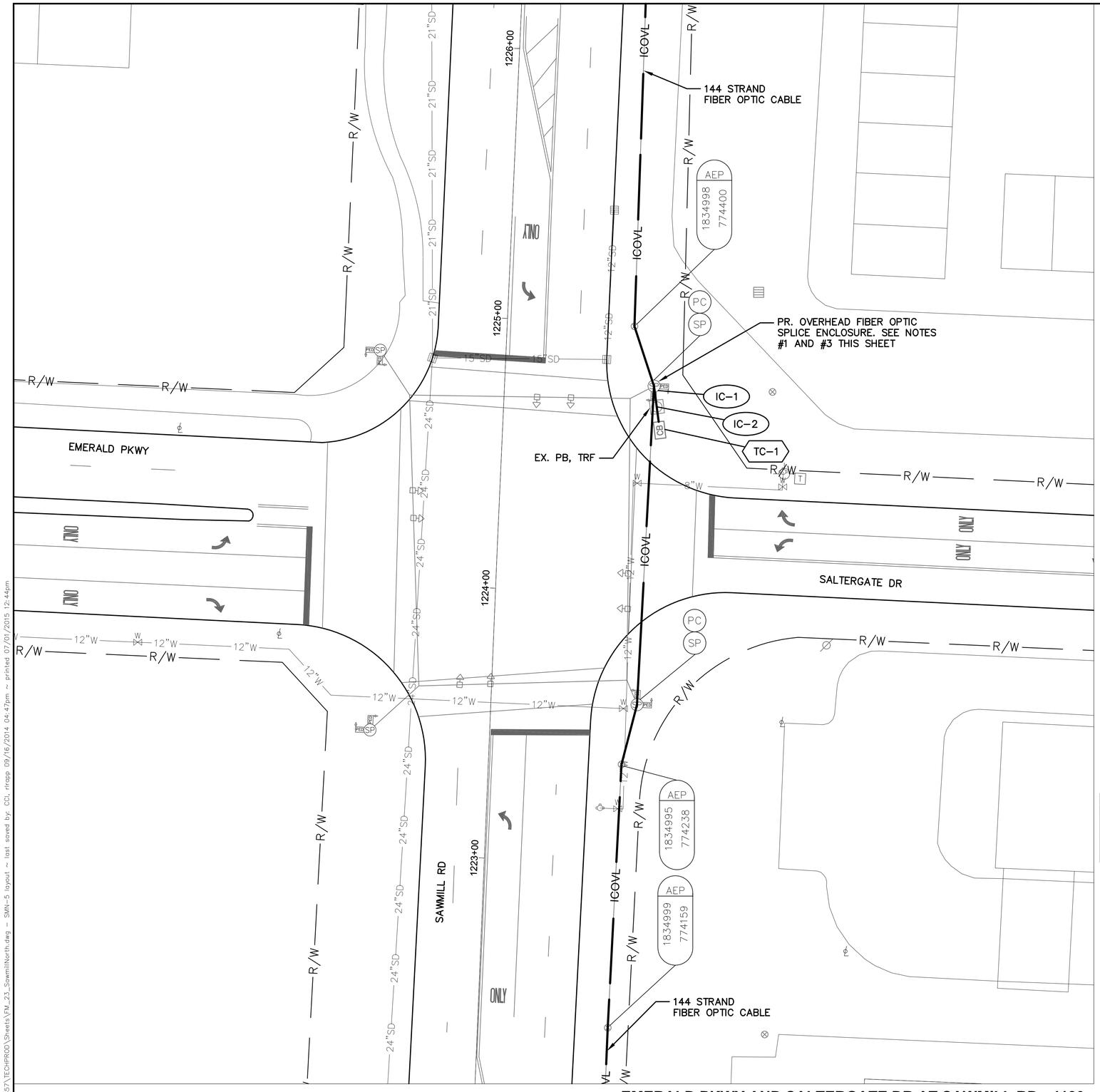
PID NUMBER 13034

SAWMILL RD AT SUMMER DR
INTERSECTION 4179

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

436
1107

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EMERALD PKWY AND SALTERGATE DR AT SAWMILL RD - 4180

INTERSECTION COMMUNICATIONS

PROPOSED
FIBER CABLE
SEE SHEET
680

INT #4180 WITH
EXISTING SIGNAL
CONTROLLER

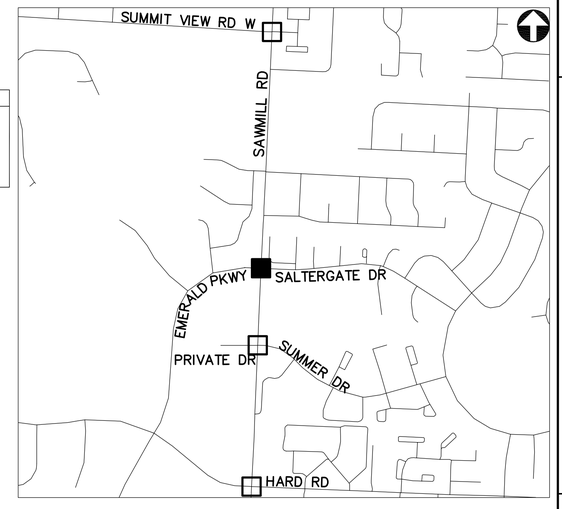
PROPOSED
FIBER CABLE
SEE SHEET
680

NOTES:

1. SEE SHEET 680 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 441 FOR INTERSECTION QUANTITIES
3. SEE SHEET 956 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS
UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

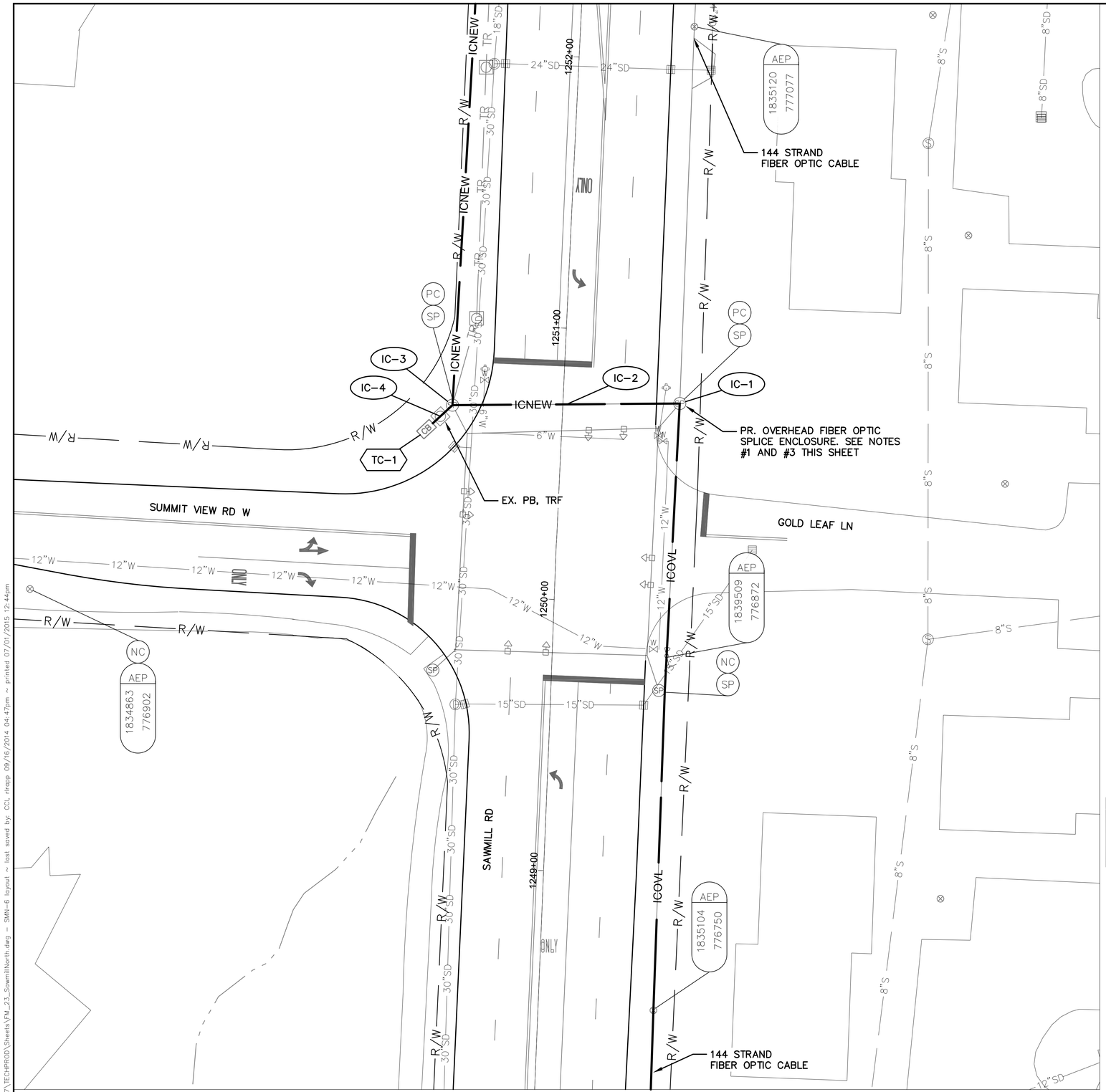
PID NUMBER
13034

EMERALD PKWY AND SALTERGATE DR AT SAWMILL RD
INTERSECTION 4180

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

437
1107

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SAWMILL RD AT SUMMIT VIEW RD WEST - 4209

INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 681

INT #4209 WITH EXISTING SIGNAL CONTROLLER

PROPOSED FIBER CABLE SEE SHEET 681

NOTES:

1. SEE SHEET 681 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 441 FOR INTERSECTION QUANTITIES
3. SEE SHEET 969 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES

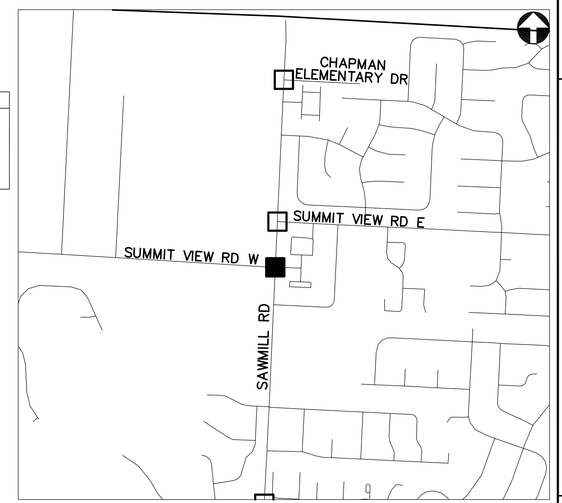
TWO WORKING DAYS BEFORE YOU DIG

CALL TOLL FREE 800-362-2764

OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

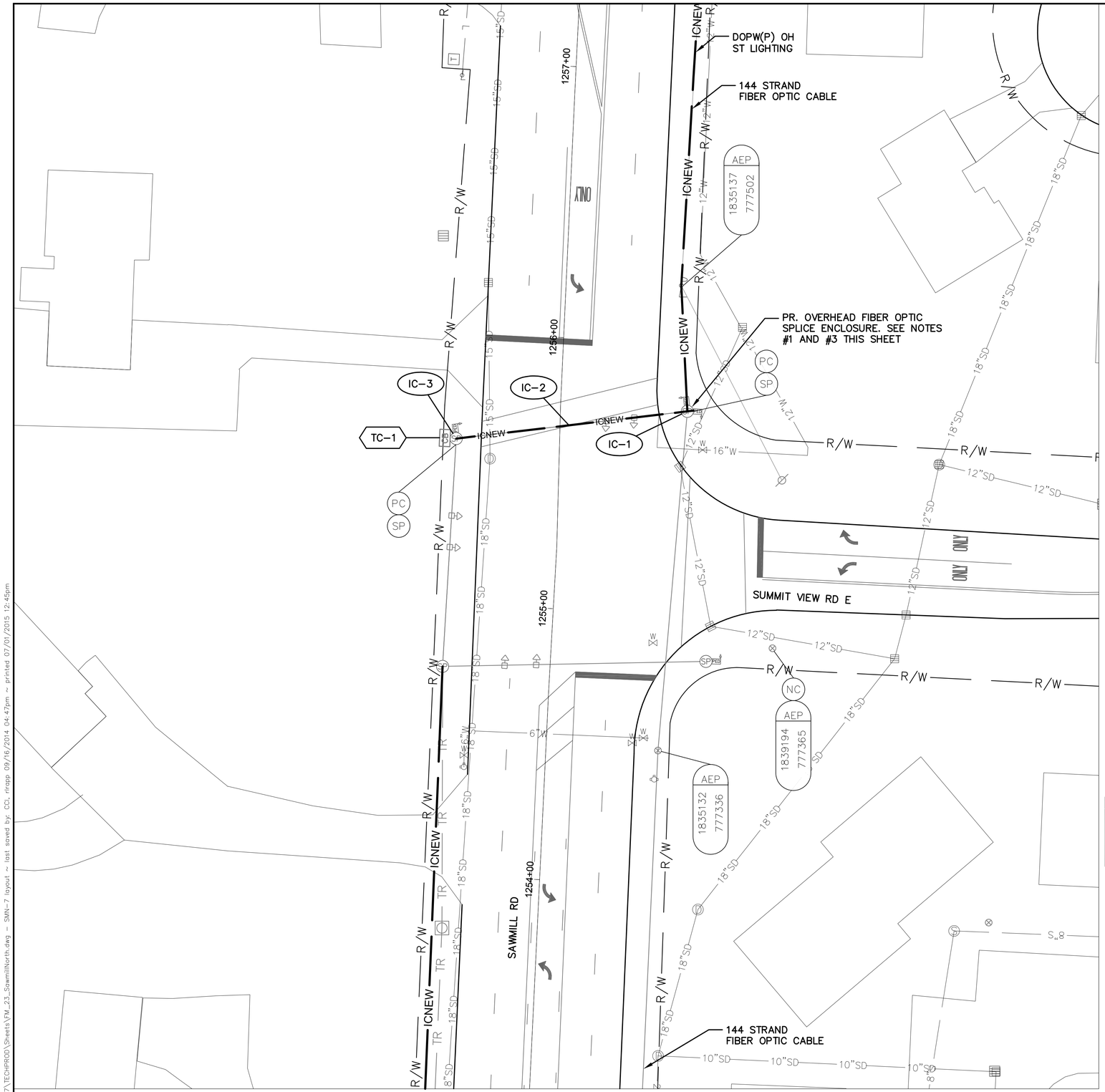
PID NUMBER 13034

SAWMILL RD AT SUMMIT VIEW RD WEST
INTERSECTION 4209

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

438
1107

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SAWMILL RD AT SUMMIT VIEW RD EAST - 4231

INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 682

INT #4231 WITH EXISTING SIGNAL CONTROLLER

PROPOSED FIBER CABLE SEE SHEET 681

NOTES:

1. SEE SHEET 681 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 441 FOR INTERSECTION QUANTITIES
3. SEE SHEET 980 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES

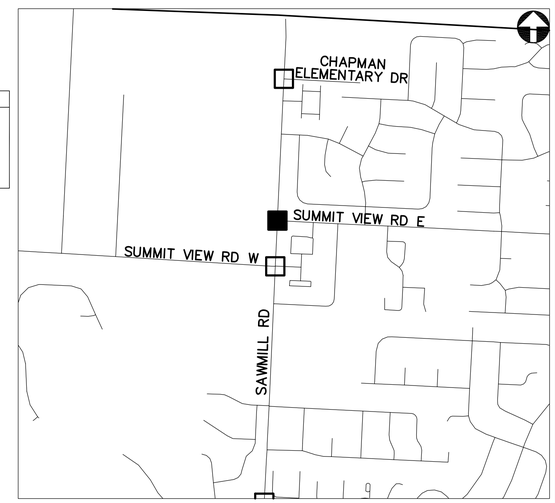
TWO WORKING DAYS BEFORE YOU DIG

CALL TOLL FREE 800-362-2764

OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

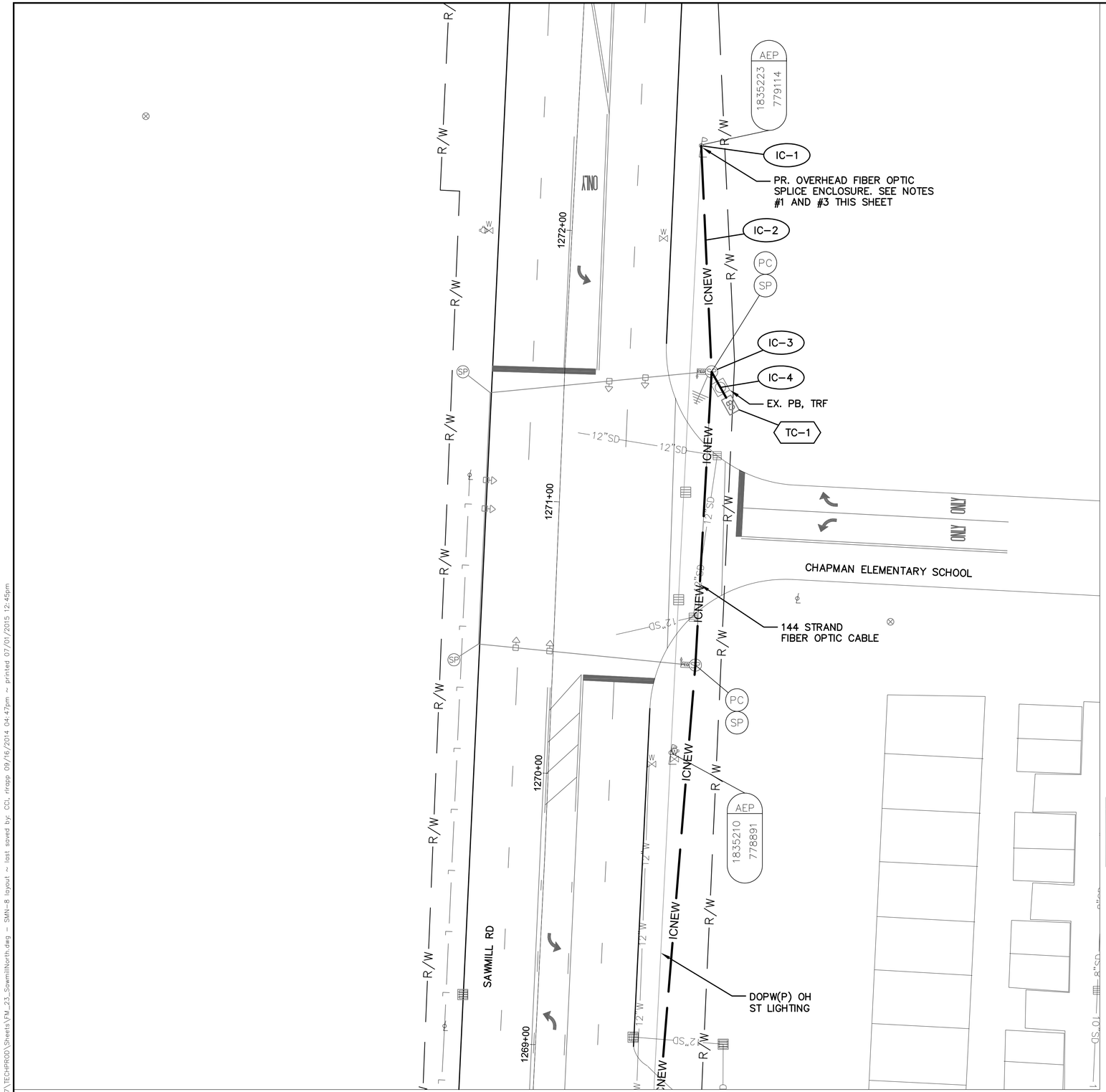
PID NUMBER 13034

SAWMILL RD AT SUMMIT VIEW RD EAST
INTERSECTION 4231

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

439
1107

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CHAPMAN ELEMENTARY SCHOOL AT SAWMILL RD - 4251

INTERSECTION COMMUNICATIONS

INT #4251 WITH EXISTING SIGNAL CONTROLLER

PROPOSED FIBER CABLE SEE SHEET 682

UNDERGROUND UTILITIES

TWO WORKING DAYS BEFORE YOU DIG

CALL TOLL FREE 800-362-2764

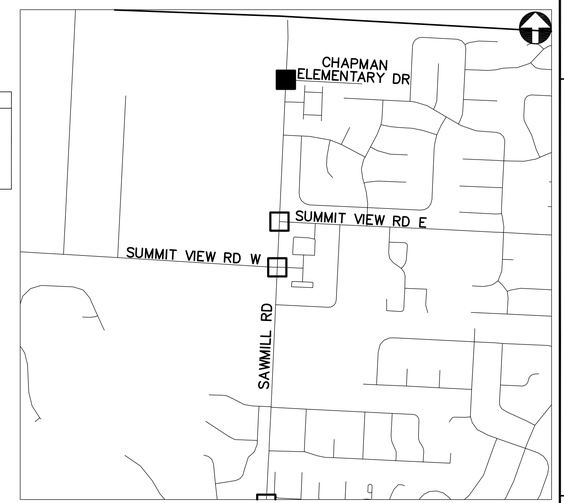
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☒ LIGHTING

NOTES:

1. SEE SHEET 682 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 441 FOR INTERSECTION QUANTITIES
3. SEE SHEET 984 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN



KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

PID NUMBER 13034

CHAPMAN ELEMENTARY SCHOOL AT SAWMILL RD
INTERSECTION 4251

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

440
1107

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ESTIMATED QUANTITIES

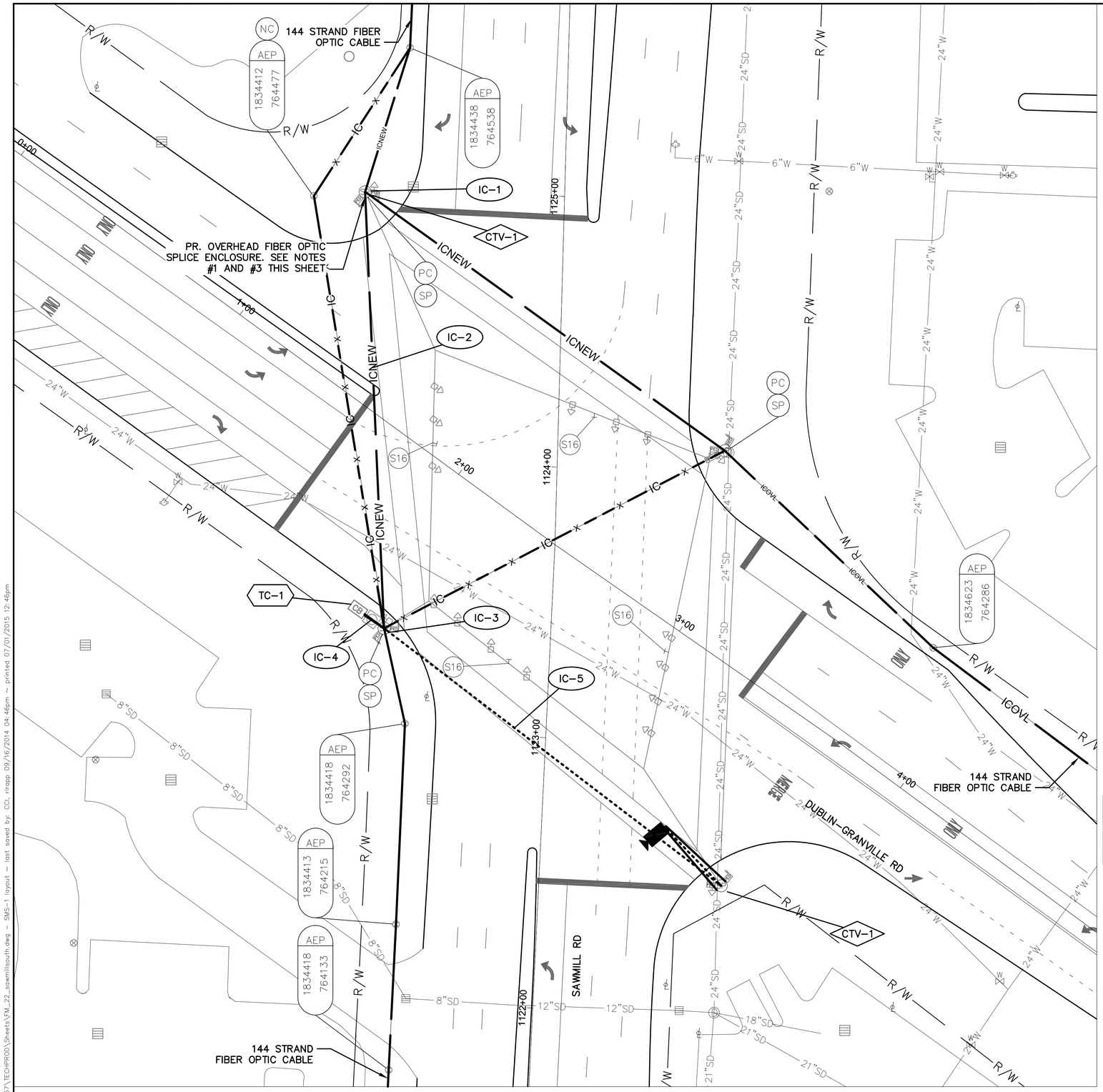
SHEET NUMBER	REFERENCE NUMBER	STATION		632	633	633	633	804	804																
				MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES	CONTROLLER ITEM, MISC.: FIBER OPTIC ETHERNET TRANSCEIVER	CONTROLLER ITEM, MISC.: LAYER 2 ETHERNET SWITCH	CONTROLLER ITEM, MISC.: TERMINAL PORT SERVER	FIBER OPTIC CABLE, MISC.: 24 STRAND CABLE	FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 24 TERMINATION																
		FROM	TO	FT	EACH	EACH	EACH	FT	EACH																
INTERSECTION 4179: SAWMILL RD. AT SUMMER DR.																									
436	IC-1	1216+51, 42' RT						75																	
436	IC-2	1216+51, 42' RT	1216+16, 61' LT	180				180																	
436	IC-3	1216+16, 61' LT						35																	
436	IC-4	1216+16, 61' LT	1216+27, 53' LT					23																	
436	TC-1	1216+27, 53' LT			2	1	1		1																
436	PULL BOX SLACK							10																	
INTERSECTION 4180: EMERALD PKWY. AND SALTERGATE DR. AT SAWMILL RD.																									
437	IC-1	1224+77, 55' RT						110																	
437	IC-2	1224+77, 55' RT	1224+61, 58' RT					26																	
437	TC-1	1224+61, 58' RT			2	1	1		1																
437	PULL BOX SLACK							10																	
INTERSECTION 4209: SAWMILL RD. AT SUMMIT VIEW RD. WEST																									
438	IC-1	1250+74, 43' RT						75																	
438	IC-2	1250+74, 43' RT	1250+70, 41' LT	84				84																	
438	IC-3	1250+70, 41' LT						35																	
438	IC-4	1250+70, 41' LT	1250+61, 50' LT					23																	
438	TC-1	1250+61, 50' LT			2	1	1		1																
438	PULL BOX SLACK							10																	
INTERSECTION 4231: SAWMILL RD. AT SUMMIT VIEW RD. EAST																									
439	IC-1	1255+74, 47' RT						75																	
439	IC-2	1255+74, 47' RT	1255+62, 38' LT	86				86																	
439	IC-3	1255+62, 38' LT						35																	
439	TC-1	1255+62, 38' LT			2	1	1		1																
INTERSECTION 4251: CHAPMAN ELEMENTARY SCHOOL AT SAWMILL RD.																									
440	IC-1	1272+34, 46'RT						75																	
440	IC-2	1272+34, 46'RT	1271+51, 54'RT	83				83																	
440	IC-3	1271+51, 54' RT						35																	
440	IC-4	1271+51, 54' RT	1271+38, 61' RT					24																	
440	TC-1	1271+38, 61' RT			2	1	1		1																
440	PULL BOX SLACK							10																	
		SHEET TOTAL		433	10	5	5	1119	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

PID NUMBER
13034

INTERSECTION QUANTITIES
INTERSECTIONS 4179, 4180, 4209, 4231 AND 4251

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

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DUBLIN-GRANVILLE RD AT SAWMILL RD - 4126

INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 674

INT #4126 WITH EXISTING SIGNAL CONTROLLER

PROPOSED FIBER CABLE SEE SHEET 673

PROPOSED FIBER CABLE SEE SHEET 674

NOTES:

1. SEE SHEETS 673 AND 674 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 447 FOR INTERSECTION QUANTITIES
3. SEE SHEET 939 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN
4. CCTV COMPOSITE CABLE AND CCTV FIELD CONTROLLER ARE INCIDENTAL TO ITEM 632: SIGNALIZATION MISC.: CCTV IP-CAMERA SYSTEM. COMPOSITE CABLE SHALL BE FREE OF SPLICES FROM THE CCTV CAMERA UNIT TO THE CCTV FIELD CONTROLLER UNIT.

UNDERGROUND UTILITIES

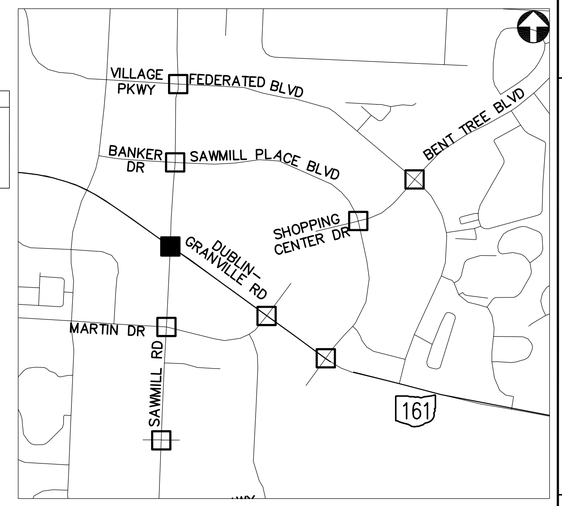
TWO WORKING DAYS BEFORE YOU DIG

CALL TOLL FREE 800-362-2764

OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

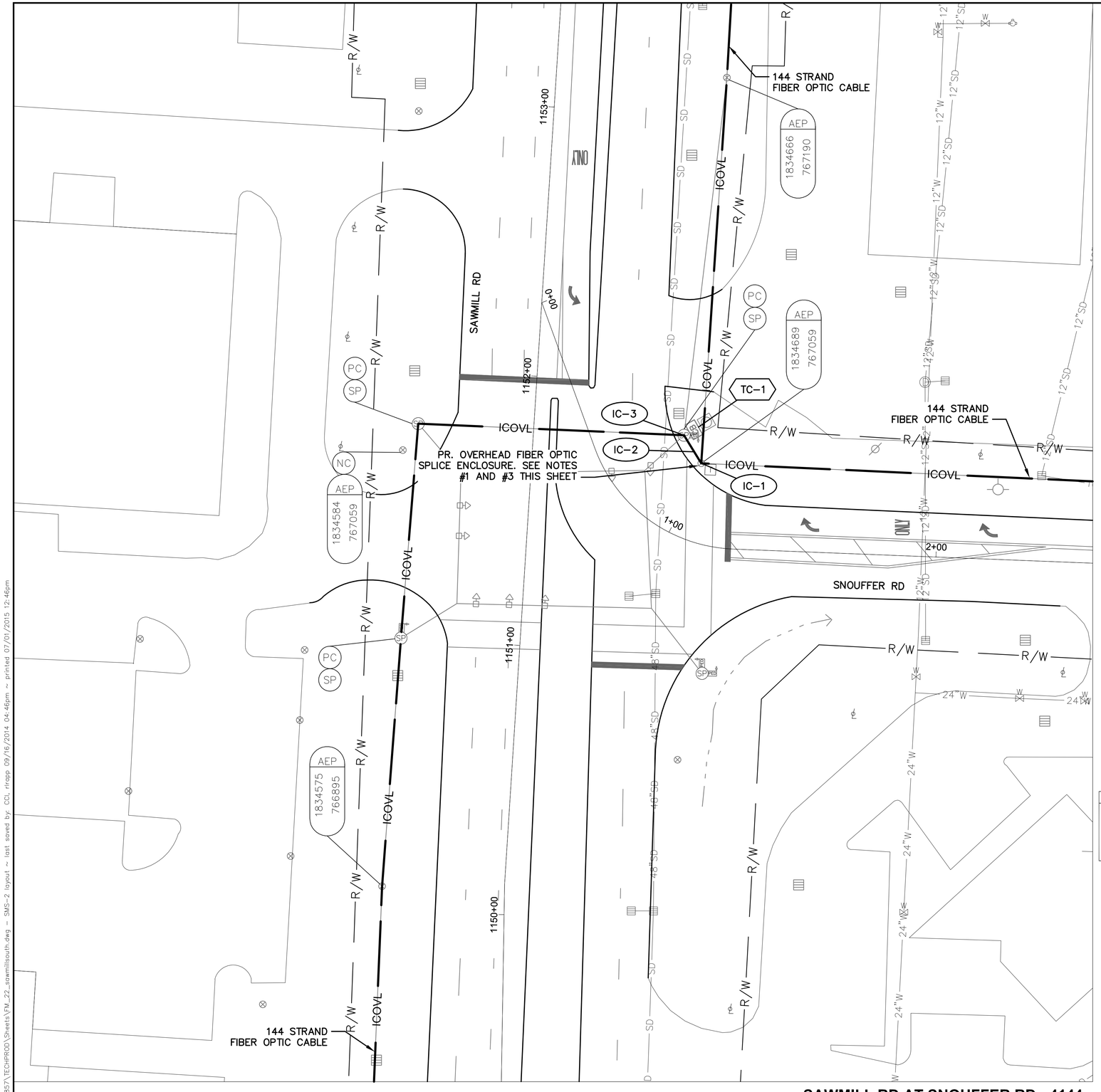
PID NUMBER 13034

DUBLIN-GRANVILLE RD AT SAWMILL RD
INTERSECTION 4126

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

443
1107

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SAWMILL RD AT SNOUFFER RD - 4144

INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 675

INT #4144 WITH EXISTING SIGNAL CONTROLLER — PROPOSED FIBER CABLE SEE SHEET 675

PROPOSED FIBER CABLE SEE SHEET 675

NOTES:

1. SEE SHEET 675 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 447 FOR INTERSECTION QUANTITIES
3. SEE SHEET 942 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES

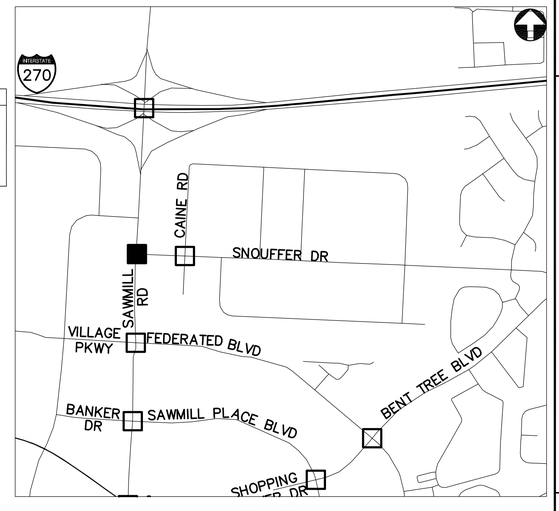
TWO WORKING DAYS BEFORE YOU DIG

CALL TOLL FREE 800-362-2764

OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

PID NUMBER 13034

SAWMILL RD AT SNOUFFER RD INTERSECTION 4144

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

444
1107

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144 STRAND FIBER OPTIC CABLE

AEP 18 34520 760080

NC SP

PR. OVERHEAD FIBER OPTIC SPLICE ENCLOSURE. SEE NOTES #1 AND #3 THIS SHEET

AEP 18 34243 759939

144 STRAND FIBER OPTIC CABLE

CRANSTON DR

REFLECTIONS DR

SAWMILL RD

IC-1 IC-2 IC-3 IC-4 TC-1

1080+00 1081+00 1082+00 1083+00

ONLY

IGNEW IGOVL

R/W 12"W 8"W 6"W 8"S 12"SD 15"SD 24"SD 36"SD 24"W 10"S

INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 671

INT #4155 WITH EXISTING SIGNAL CONTROLLER

PROPOSED FIBER CABLE SEE SHEET 671

NOTES:

1. SEE SHEET 671 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 447 FOR INTERSECTION QUANTITIES
3. SEE SHEET 944 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES

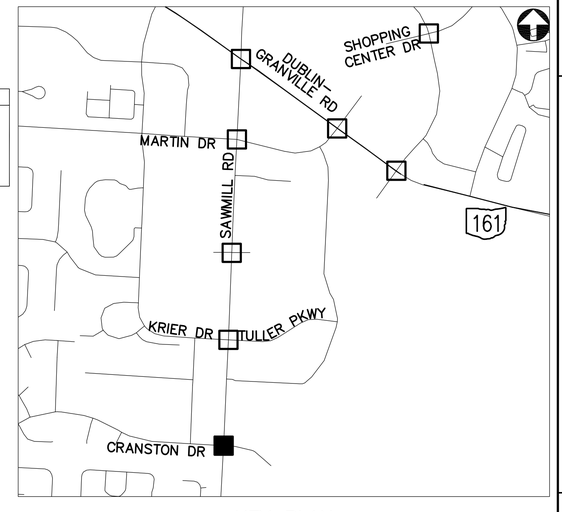
TWO WORKING DAYS BEFORE YOU DIG

CALL TOLL FREE 800-362-2764

OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- SEWER
- WATER
- POWER
- LIGHTING



KEY PLAN
NOT TO SCALE

CRANSTON DR AND REFLECTIONS DR AT SAWMILL RD - 4155

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

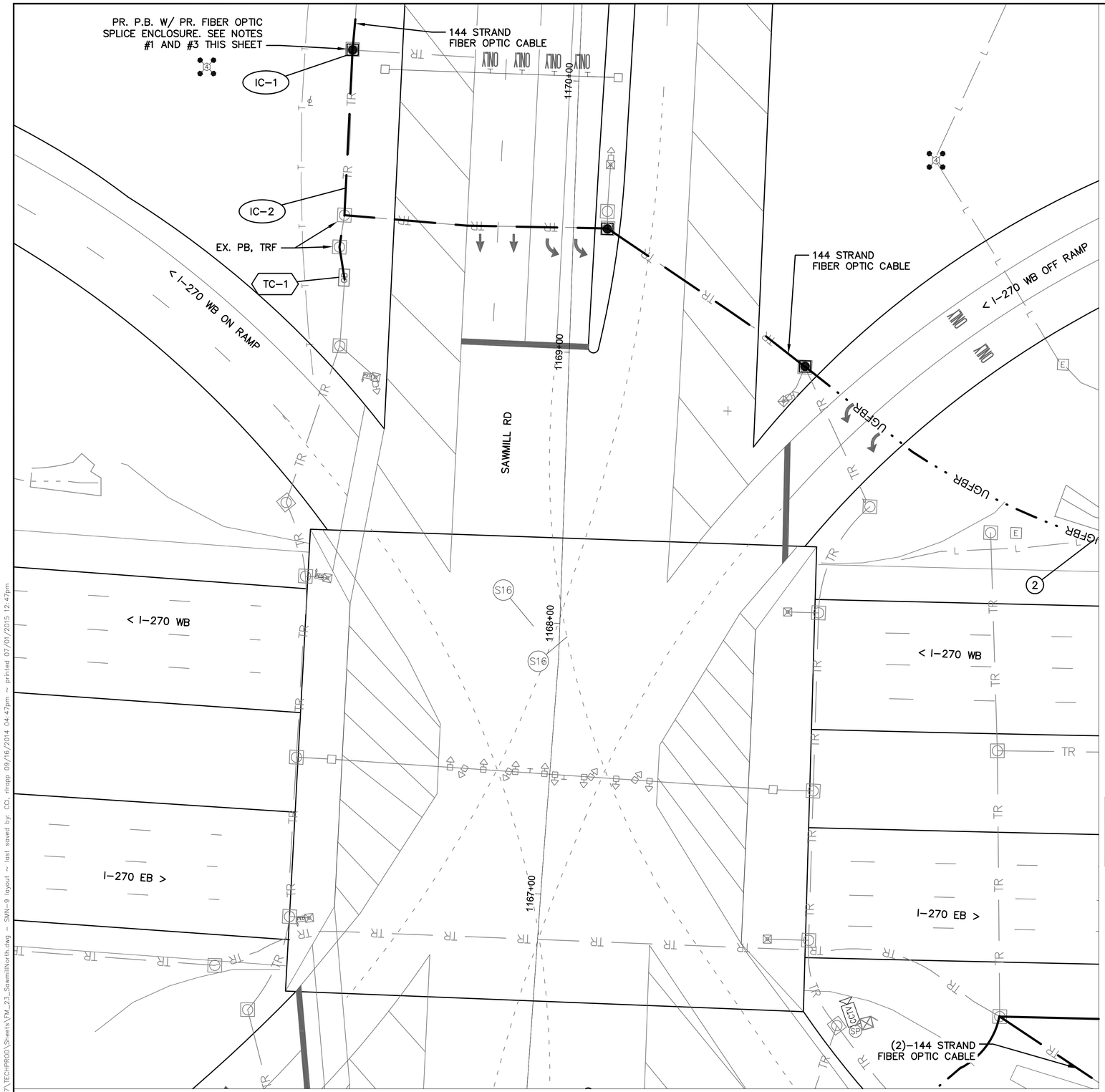
PID NUMBER 13034

CRANSTON DR AND REFLECTIONS DR AT SAWMILL RD
INTERSECTION 4155

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

445
1107

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I-270 AT SAWMILL RD - 4255

INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 677

INT #4255 WITH EXISTING SIGNAL CONTROLLER

PROPOSED FIBER CABLE SEE SHEET 677

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 15.

UNDERGROUND UTILITIES

TWO WORKING DAYS BEFORE YOU DIG

CALL TOLL FREE 800-362-2764

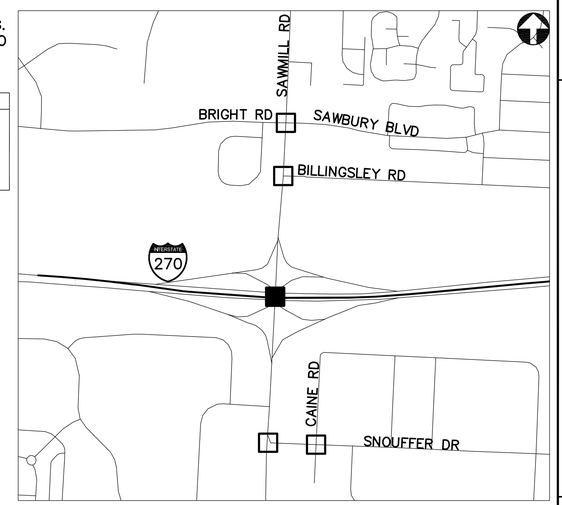
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING

NOTES:

1. SEE SHEET 677 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 447 FOR INTERSECTION QUANTITIES
3. SEE SHEET 987 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN



KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

PID NUMBER 13034

I-270 AT SAWMILL RD
INTERSECTION 4255

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

442
1107

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144 STRAND FIBER OPTIC CABLE

AEP 1834379 763516

AEP 1834362 763482

NC

SP

R/W

ICGVL

ONLY

1116+00

1115+00

10+00

9+00

11+00

12+00

1114+00

1113+00

6"W

8"W

12"W

24"W

15"SD

IC-1

IC-2

IC-3

IC-4

TC-1

EX. PB, TRF

PC

CB

PR. OVERHEAD FIBER OPTIC SPLICE ENCLOSURE. SEE NOTES #1 AND #3 THIS SHEET

AEP 1834369 763364

144 STRAND FIBER OPTIC CABLE

SAWMILL RD

MARTIN RD

MARTIN RD AT SAWMILL RD - 4165

INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 672

INT #4165 WITH EXISTING SIGNAL CONTROLLER

PROPOSED FIBER CABLE SEE SHEET 672

NOTES:

1. SEE SHEET 672 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 447 FOR INTERSECTION QUANTITIES
3. SEE SHEET 946 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES

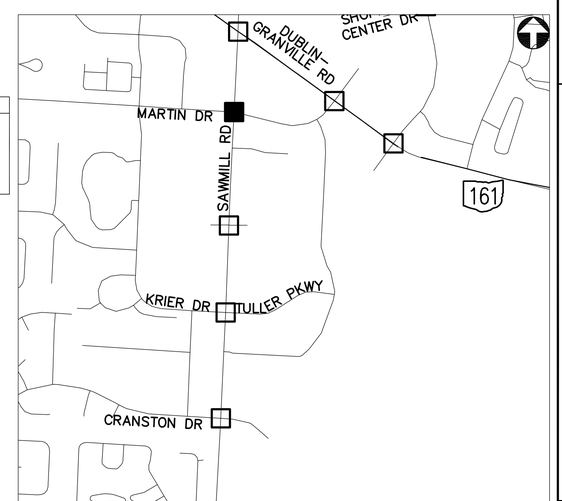
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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- SEWER
- WATER
- POWER
- LIGHTING



KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

PID NUMBER 13034

MARTIN RD AT SAWMILL RD
INTERSECTION 4165

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

446
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	STATION FROM	STATION TO	625 BRACKET ARM, 30', AS PER PLAN (EACH)	632 MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES (FT)	632 SIGNALIZATION, MISC.: CCTV IP-CAMERA SYSTEM (EACH)	633 CONTROLLER ITEM, MISC.: FIBER OPTIC ETHERNET TRANSCEIVER (EACH)	633 CONTROLLER ITEM, MISC.: LAYER 2 ETHERNET SWITCH (EACH)	633 CONTROLLER ITEM, MISC.: TERMINAL PORT SERVER (EACH)	804 FIBER OPTIC CABLE, MISC.: 24 STRAND CABLE (FT)	804 FIBER OPTIC CABLE, MISC.: 48 STRAND CABLE (FT)	804 FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 24 TERMINATION (EACH)	804 FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 48 TERMINATION (EACH)
INTERSECTION 4255: I-270 AT SAWMILL RD.													
442	IC-1	1170+08, 84' LT								75			
442	IC-2	1170+08, 84' LT	1169+25, 84' LT							85			
442	TC-1	1169+25, 84' LT					2	1	1			1	
442	PULL BOX SLACK									20			
INTERSECTION 4126: DUBLIN GRANVILLE RD. AT SAWMILL RD.													
443	IC-1	1125+00,74' LT									75		
443	IC-2	1125+00,74' LT	1123+37, 62' LT		162						162		
443	IC-3	1123+37, 62' LT									35		
443	IC-4	1123+37, 62' LT	1123+44, 71' LT								19		
443	TC-1	1123+44, 71' LT					4	1	1				1
443	IC-5	1123+37, 62' LT	1122+47, 67' RT		156								
443	CTV-1	1122+47, 67' RT		1		1							
443	PULL BOX SLACK									10			
INTERSECTION 4144: SAWMILL RD. AT SNOUFFER RD.													
444	IC-1	1151+72, 63' RT									75		
444	IC-2	1151+72, 63' RT	1151+82, 56' RT								12		
444	IC-3	1151+82, 56' RT									35		
444	TC-1	1151+82, 56' RT					3	1	1				1
INTERSECTION 4155: CRANSTON DR. AND REFLECTIONS DR. AT SAWMILL RD.													
445	IC-1	1080+21, 61' LT								75			
445	IC-2	1080+21, 61' LT	1080+71, 55' LT		50					50			
445	IC-3	1080+71, 55' LT								35			
445	IC-4	1080+71, 55' LT	1080+58, 55' LT							24			
445	TC-1	1080+58, 55' LT					2	1	1			1	
445	PULL BOX SLACK									10			
INTERSECTION 4165: MARTIN RD. AT SAWMILL RD.													
446	IC-1	1114+03, 60' LT								75			
446	IC-2	1114+03, 60' LT	1114+32, 53' LT							29			
446	IC-3	1114+32, 53' LT								35			
446	IC-4	1114+32, 53' LT	1114+18, 53' LT							24			
446	TC-1	1114+18, 53' LT					2	1	1			1	
446	PULL BOX SLACK									10			
		SHEET TOTAL		1	368	1	13	5	5	557	413	3	2

2762 DR. E

PID NUMBER 13034

INTERSECTION QUANTITIES
INTERSECTIONS 4255, 4126, 4144, 4155 AND 4165

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

447
1107

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144 STRAND FIBER OPTIC CABLE

PR. OVERHEAD FIBER OPTIC SPLICE ENCLOSURE. SEE NOTES #1 AND #3 THIS SHEET

IC-1

IC-2

TC-1

AEP 1834494 765279

AEP 1834482 765066

BANKER DR

SAWMILL PLACE BLVD

SAWMILL RD

ONLY

R/W

ICOVL

SD

36"SD

24"W

15"SD

12"W

8"W

6"W

1134+00

1133+00

1132+00

1131+00

1+00

2+

PC

SP

NC

FES

DB

144 STRAND FIBER OPTIC CABLE

BANKER DR AND SAWMILL PLACE BLVD AT SAWMILL RD - 4169

INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 675

INT #4169 WITH EXISTING SIGNAL CONTROLLER

PROPOSED FIBER CABLE SEE SHEET 674

NOTES:

1. SEE SHEETS 674 AND 675 FOR INTERCONNECT PLANS BETWEEN INTERSECTIONS
2. SEE SHEET 453 FOR INTERSECTION QUANTITIES
3. SEE SHEET 949 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES

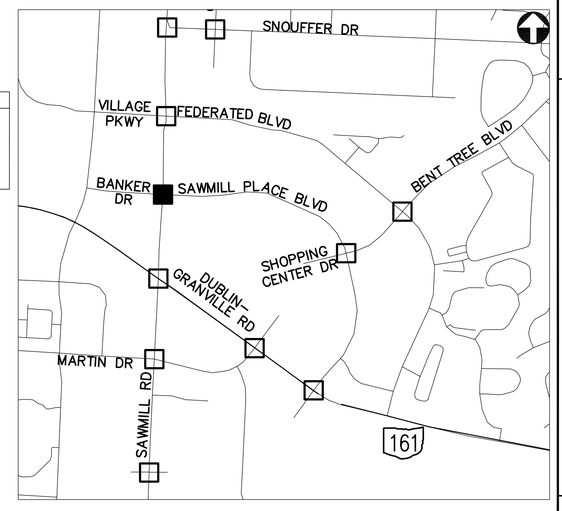
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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- SEWER
- WATER
- POWER
- LIGHTING



KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

PID NUMBER 13034

BANKER DR AND SAWMILL PLACE BLVD AT SAWMILL RD
INTERSECTION 4169

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

448
1107

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144 STRAND FIBER OPTIC CABLE

AEP 1834541 766150

VILLAGE PKWY

PR. OVERHEAD FIBER OPTIC SPLICE ENCLOSURE. SEE NOTES #1 AND #3 THIS SHEET

144 STRAND FIBER OPTIC CABLE

AEP 1834531 765999

AEP 1834526 765910

SAWMILL RD

FEDERATED BLVD

IC-1

IC-2

TC-1

PC

SP

NC

S5 S6 S7 S16

1140+00 1141+00 1142+00 1143+00

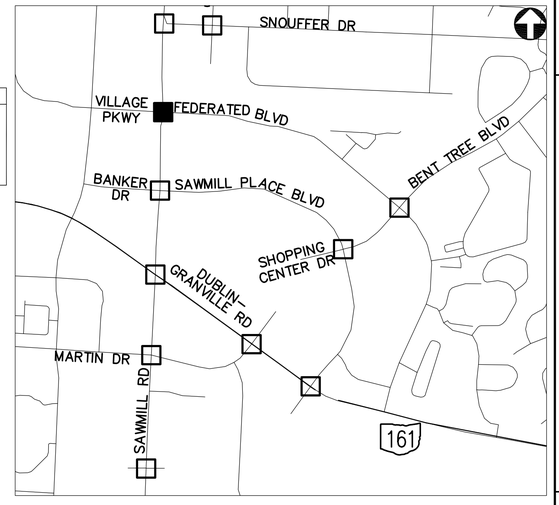
R/W IGOVL SD 12"W 16"W 12"SD 24"W ONLY

NOTES:

1. SEE SHEET 675 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 453 FOR INTERSECTION QUANTITIES
3. SEE SHEET 950 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- SEWER
- WATER
- POWER
- LIGHTING



KEY PLAN
NOT TO SCALE

FEDERATED BLVD AND VILLAGE PKWY AT SAWMILL RD - 4170

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

PID NUMBER 13034

FEDERATED BLVD AND VILLAGE PKWY AT SAWMILL RD INTERSECTION 4170

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

449
1107

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144 STRAND FIBER OPTIC CABLE

AEP 1834338 762239

SAWMILL RD

1104+00

1103+00

1102+00

1101+00

ONLY

MEIJER

PR. OVERHEAD FIBER OPTIC SPLICE ENCLOSURE. SEE NOTES #1 AND #3 THIS SHEET

IC-1

IC-2

TC-1

PC

SP

CB

AEP 1834330 762081

AEP 1834325 761985

144 STRAND FIBER OPTIC CABLE

10"SD 12"SD 15"SD 24"SD 6"W 8"W 10"W 24"W R/W ICGVL

INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 672

INT #4171 WITH EXISTING SIGNAL CONTROLLER

PROPOSED FIBER CABLE SEE SHEET 672

NOTES:

1. SEE SHEET 672 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 453 FOR INTERSECTION QUANTITIES
3. SEE SHEET 951 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES

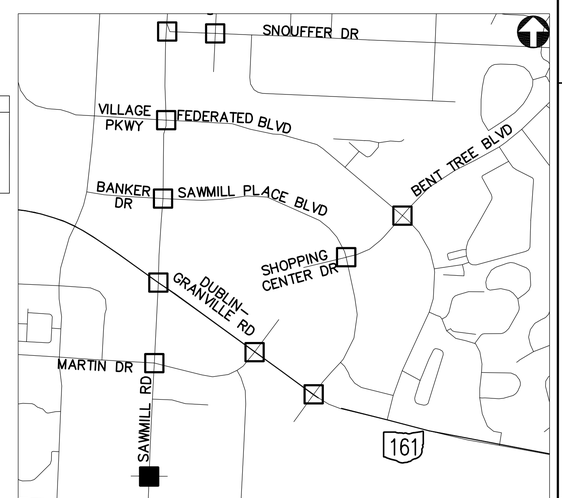
TWO WORKING DAYS BEFORE YOU DIG

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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- SEWER
- WATER
- POWER
- LIGHTING



KEY PLAN
NOT TO SCALE

MEIJER STORE AT SAWMILL RD - 4171

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

PID NUMBER 13034

MEIJER STORE AT SAWMILL RD
INTERSECTION 4171

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

450
1107

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144 STRAND FIBER OPTIC CABLE

AEP 1835413 763713

ICOVL 18"SD

ICNEW 18"SD

PR. OVERHEAD FIBER OPTIC SPLICE ENCLOSURE. SEE NOTES #1 AND #3 THIS SHEET

AEP 1835637 763554

AEP 1835704 763501

IC-1

IC-2

IC-3

IC-4

TC-1

DUBLIN-GRANVILLE RD

MARTIN RD

144 STRAND FIBER OPTIC CABLE

DUBLIN-GRANVILLE RD AT MARTIN RD - 4190

INTERSECTION COMMUNICATIONS

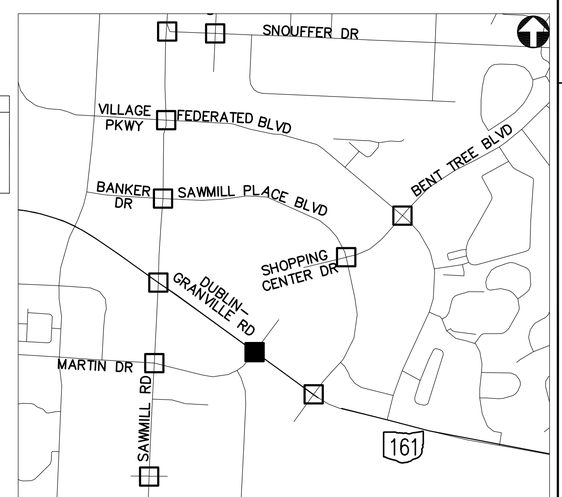
PROPOSED FIBER CABLE SEE SHEET 673 — INT #4190 WITH EXISTING SIGNAL CONTROLLER — PROPOSED FIBER CABLE SEE SHEET 673

NOTES:

1. SEE SHEET 673 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 453 FOR INTERSECTION QUANTITIES
3. SEE SHEET 961 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
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CITY OF COLUMBUS UTILITY LEGEND
- SEWER
- WATER
- POWER
- LIGHTING



KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

PID NUMBER 13034

DUBLIN-GRANVILLE RD AT MARTIN RD
INTERSECTION 4190

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

451
1107

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144 STRAND FIBER OPTIC CABLE

PR. OVERHEAD FIBER OPTIC SPLICE ENCLOSURE. SEE NOTES #1 AND #3 THIS SHEET

144 STRAND FIBER OPTIC CABLE

KRIER DR

TULLER PKWY

SAWMILL RD

AEP 1834298 761258

AEP 1834291 761108

IC-1 IC-2 IC-3 IC-4 TC-1

1091+00 1092+00 1093+00 1094+00

INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 671

INT #4197 WITH EXISTING SIGNAL CONTROLLER

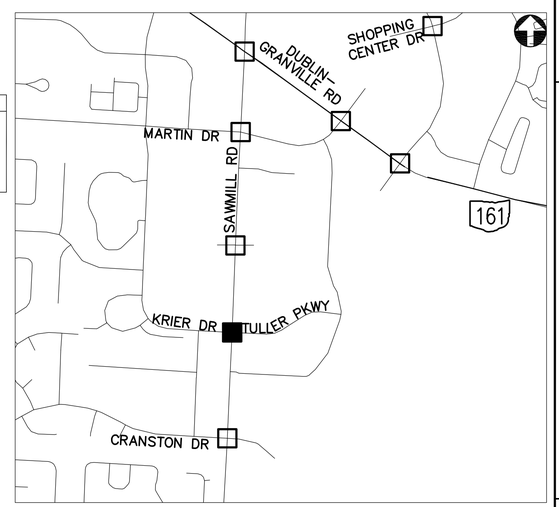
PROPOSED FIBER CABLE SEE SHEET 671

NOTES:

1. SEE SHEET 671 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 453 FOR INTERSECTION QUANTITIES
3. SEE SHEET 963 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES
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CITY OF COLUMBUS UTILITY LEGEND
- SEWER
- WATER
- POWER
- LIGHTING



KEY PLAN
NOT TO SCALE

KRIER DR AND TULLER PKWY AT SAWMILL RD - 4197

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

PID NUMBER 13034

KRIER DR AND TULLER PKWY AT SAWMILL RD INTERSECTION 4197

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

452
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	STATION		632	632	633	633	633	633	804	804														
				CONDUIT: 2" RISER, AS PER PLAN	MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES	CONTROLLER ITEM, MISC.: FIBER OPTIC ETHERNET TRANSCEIVER	CONTROLLER ITEM, MISC.: LAYER 2 ETHERNET SWITCH	CONTROLLER ITEM, MISC.: TERMINAL PORT SERVER	INTERCONNECT, MISC.: OVERLASH TO EXISTING INTERCONNECT	FIBER OPTIC CABLE, MISC.: 24 STRAND CABLE	FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 24 TERMINATION														
		FROM	TO	EACH	FT	EACH	EACH	EACH	FT	FT	EACH														
INTERSECTION 4169: BANKER DR. & SAWMILL PLACE BLVD. AT SAWMILL RD.																									
448	IC-1	1133+74, 54' LT		1						110															
448	IC-2	1133+74, 54' LT	1133+66, 59' LT							42															
448	TC-1	1133+66, 59' LT				2	1	1			1														
448	PULL BOX SLACK									10															
INTERSECTION 4170: FEDERATED BLVD. & VILLAGE PKWY. AT SAWMILL RD.																									
449	IC-1	1140+86, 68' LT								110															
449	IC-2	1140+86, 68' LT	1140+84, 78' LT							20															
449	TC-1	1140+84, 78' LT				2	1	1			1														
449	PULL BOX SLACK									10															
INTERSECTION 4171: MEIJER AT SAWMILL RD.																									
450	IC-1	1101+93, 58' LT								110															
450	IC-2	1101+93, 58' LT	1101+79, 51' LT							24															
450	TC-1	1101+79, 51' LT				2	1	1			1														
450	PULL BOX SLACK									10															
INTERSECTION 4190: DUBLIN GRANVILLE RD. AT MARTIN RD.																									
451	IC-1	16+14, 45' LT								75															
451	IC-2	16+14, 45' LT	15+97, 37' RT		84					84															
451	IC-3	15+97, 37' RT								35															
451	IC-4	15+97, 37' RT	16+02, 43' RT							19															
451	TC-1	16+02, 43' RT				2	1	1			1														
451	PULL BOX SLACK									10															
INTERSECTION 4197: KRIER DR. & TULLER PKWY. AT SAWMILL RD.																									
452	IC-1	1092+15, 64' LT								75															
452	IC-2	1092+15, 64' LT	1092+30, 54' LT						18	18															
452	IC-3	1092+30, 54' LT								35															
452	IC-4	1092+30, 54' LT	1092+17, 54' LT							23															
452	TC-1	1092+17, 54' LT				2	1	1			1														
452	PULL BOX SLACK									10															
		SHEET TOTAL		1	84	10	5	5	18	830	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-

2762 DR. E

PID NUMBER 13034

INTERSECTION QUANTITIES
INTERSECTIONS 4169, 4170, 4171, 4190 AND 4197

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

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144 STRAND FIBER OPTIC CABLE

ICOVL

DUBLIN-GRANVILLE RD

SAWMILL PLACE BLVD

AEP 1836160 763135

AEP 1836432 762911

PC

SP

WR-1

TC-1

EC-1 IC-2

EC-2 IC-1

PR. OVERHEAD FIBER OPTIC SPLICE ENCLOSURE. SEE NOTES #1 AND #3 THIS SHEET

22+00

23+00

24+00

25+00

08+00

09+00

39+68.01

R/W

ONLY

DUBLIN-GRANVILLE RD AT SAWMILL PLACE BLVD - 4218

INTERSECTION COMMUNICATIONS

PROPOSED WIRELESS SEE SHEET 457

PROPOSED FIBER CABLE SEE SHEET 674

INT #4218 WITH EXISTING SIGNAL CONTROLLER

UNDERGROUND UTILITIES

TWO WORKING DAYS BEFORE YOU DIG

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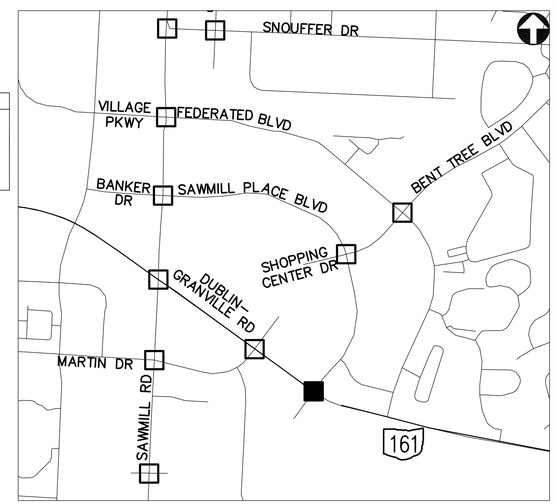
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CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING

NOTES:

1. SEE SHEET 674 FOR INTERCONNECT PLANS BETWEEN INTERSECTIONS
2. SEE SHEET 458 FOR INTERSECTION QUANTITIES
3. SEE SHEET 974 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN
4. SEE SHEET 466 FOR WIRELESS SCHEMATIC



KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

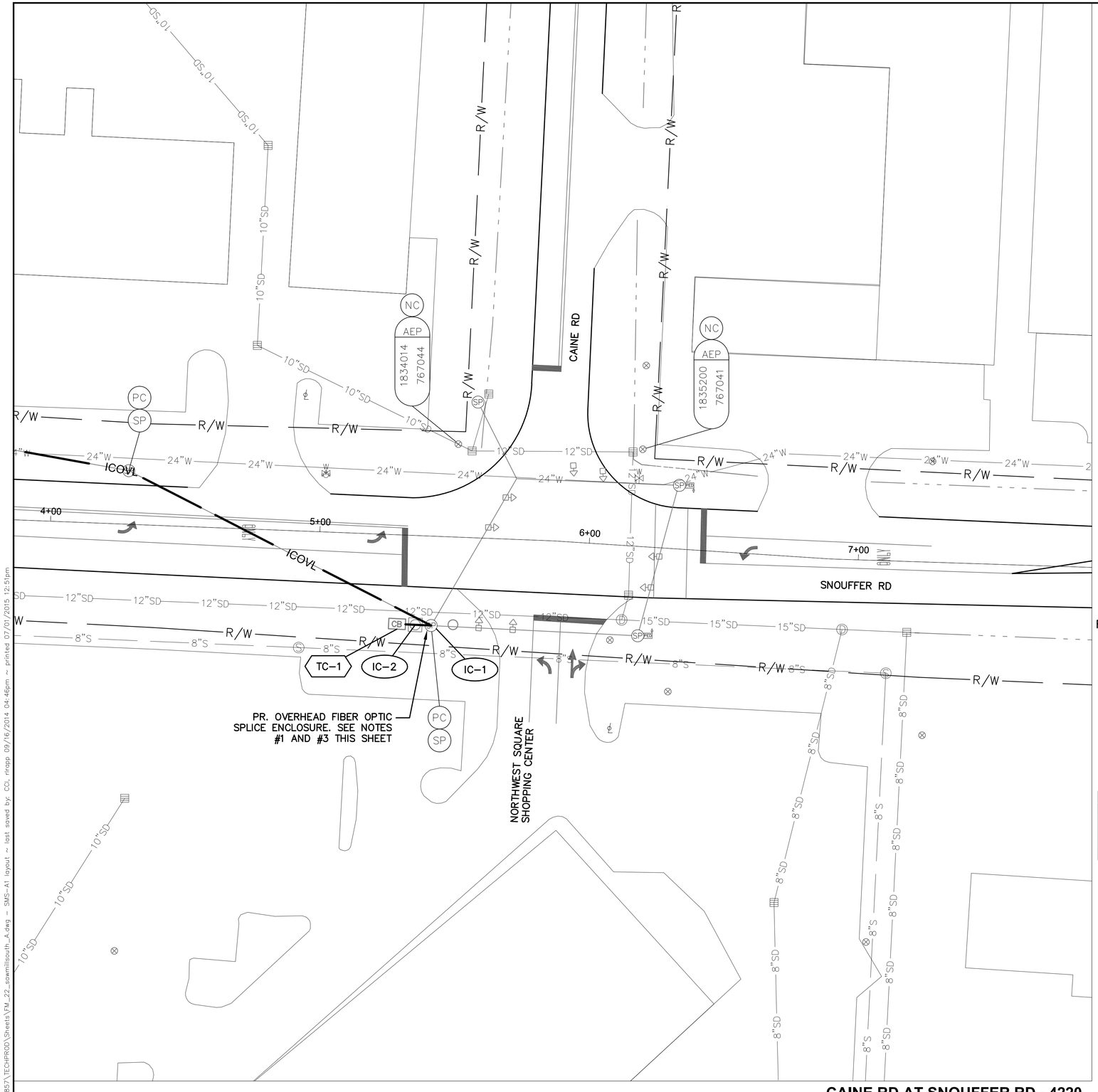
PID NUMBER 13034

DUBLIN-GRANVILLE RD AT SAWMILL PLACE BLVD
INTERSECTION 4218

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

454
1107

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CAINE RD AT SNOUFFER RD - 4220

INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 676

INT #4220 WITH EXISTING SIGNAL CONTROLLER

NOTES:

1. SEE SHEET 676 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 458 FOR INTERSECTION QUANTITIES
3. SEE SHEET 975 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES

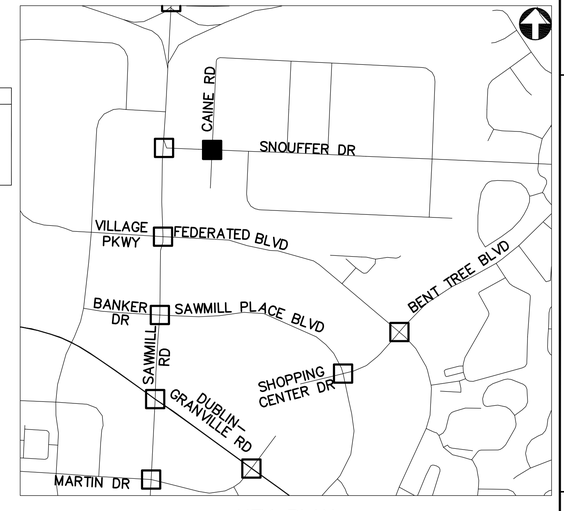
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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- SEWER
- WATER
- POWER
- LIGHTING



KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

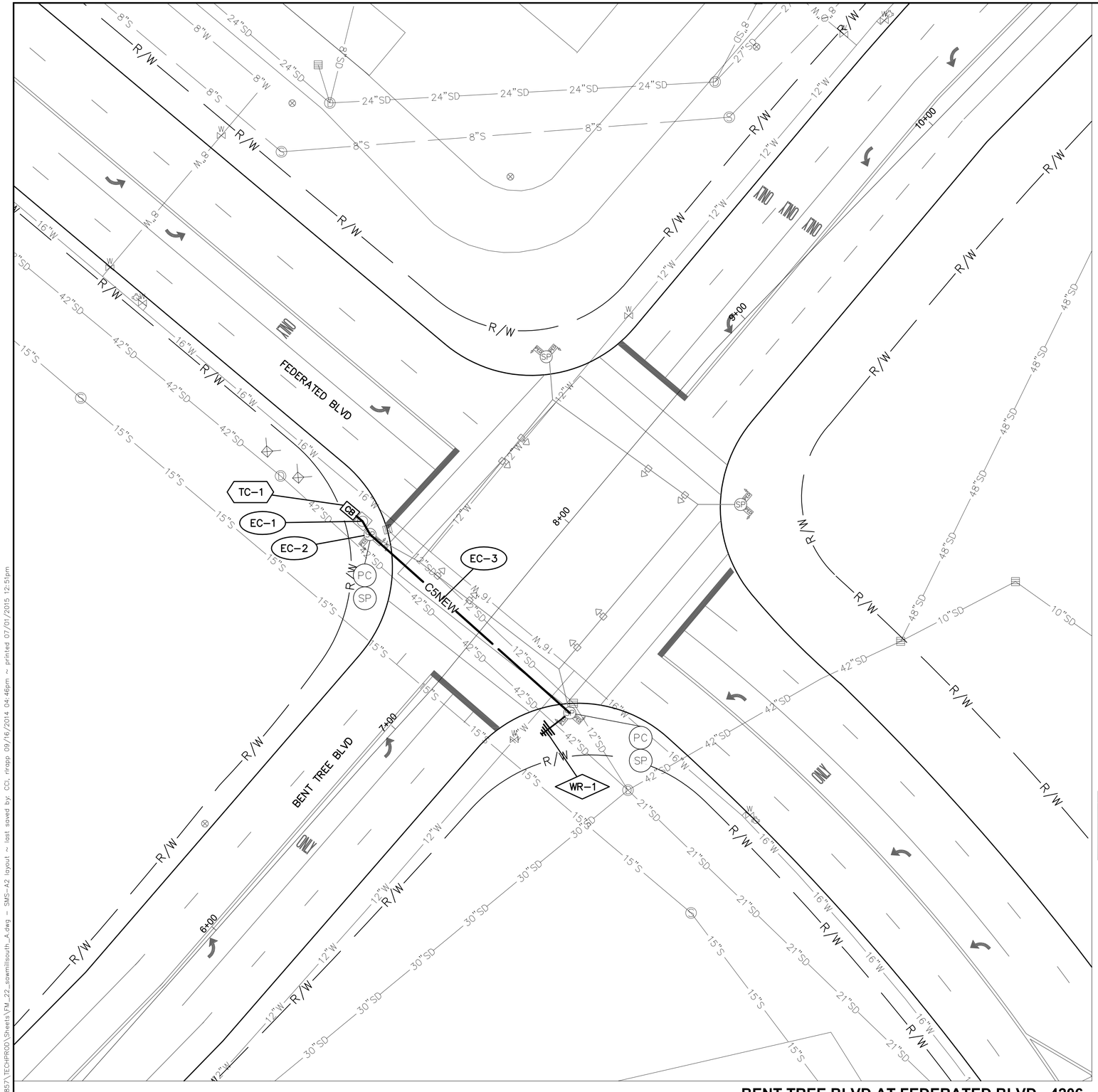
PID NUMBER 13034

CAINE RD AT SNOUFFER RD
INTERSECTION 4220

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

455
1107

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BENT TREE BLVD AT FEDERATED BLVD - 4206

INTERSECTION COMMUNICATIONS

NOTES:

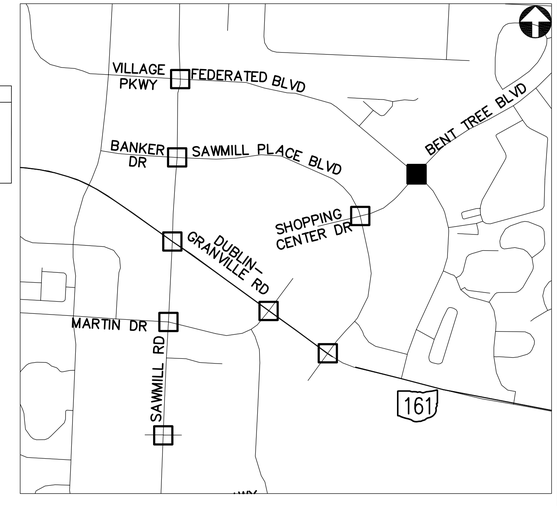
1. SEE SHEET 458 FOR INTERSECTION QUANTITIES
2. SEE SHEET 968 FOR COMMUNICATION DETAILS
3. SEE SHEET 466 FOR WIRELESS SCHEMATIC

INT #4206 WITH PROPOSED SIGNAL CONTROLLER

PROPOSED WIRELESS SEE SHEET 457

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

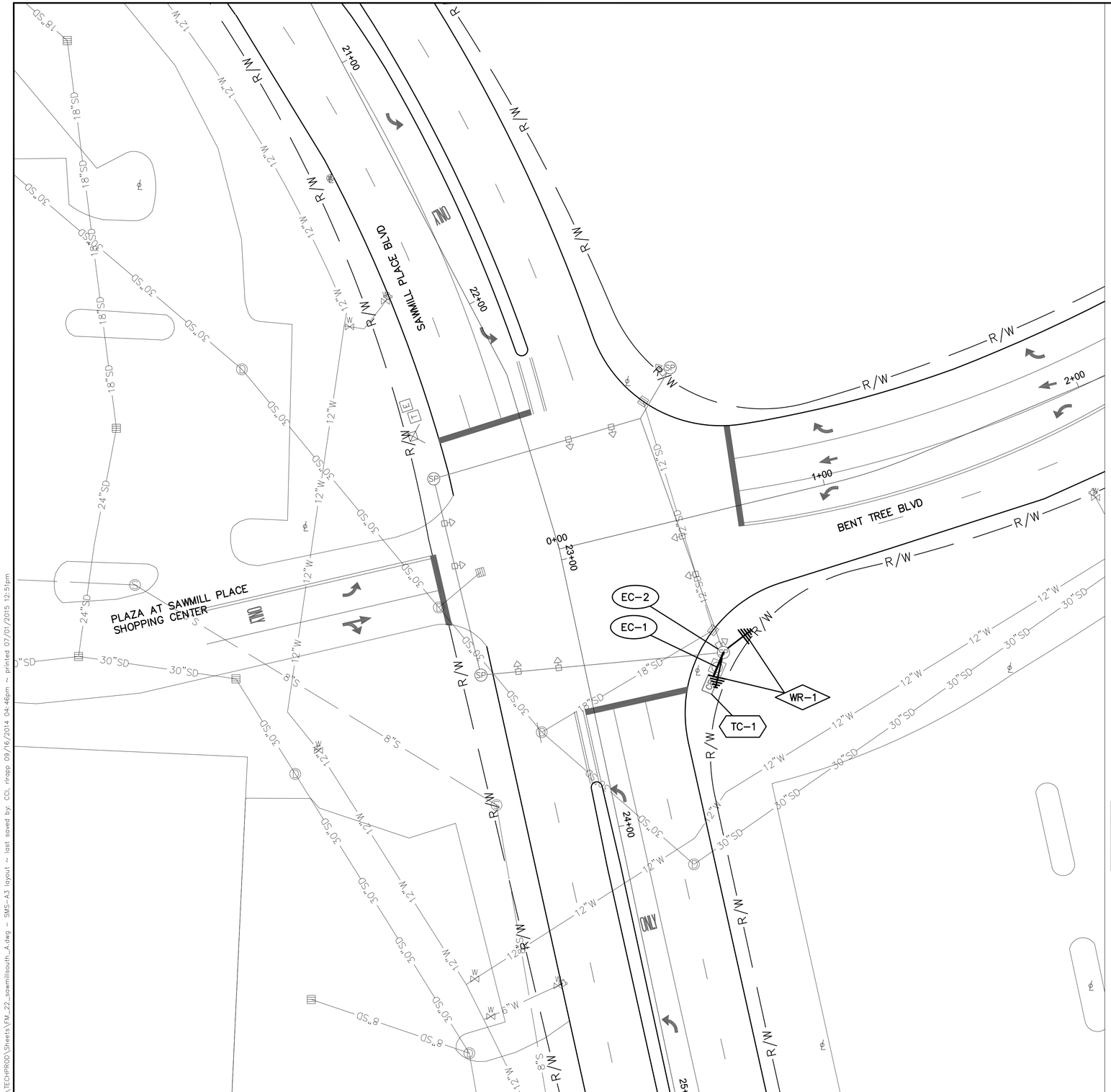
PID NUMBER 13034

BENT TREE BLVD AT FEDERATED BLVD
INTERSECTON 4206

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

456
1107

J:\obs\47857\TECHPROD\Sheets\FM_22_sawmillsouth_A.dwg - SMS-A2 layout ~ last saved by: COI, rtrapp 09/16/2014 04:46pm ~ printed 07/01/2015 12:51pm



BENT TREE BLVD AT SAWMILL PLACE BLVD - 4229

INTERSECTION COMMUNICATIONS

INT #4229 WITH EXISTING SIGNAL CONTROLLER → PROPOSED WIRELESS SEE SHEET 456

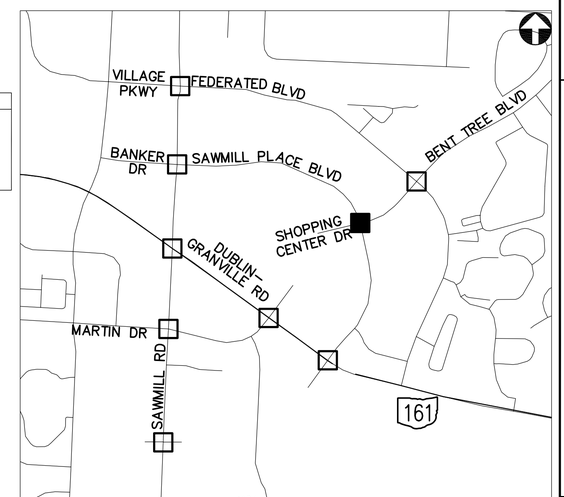
PROPOSED WIRELESS SEE SHEET 454

NOTES:

1. SEE SHEET 458 FOR INTERSECTION QUANTITIES
2. SEE SHEET 979 FOR COMMUNICATION DETAILS
3. SEE SHEET 466 FOR WIRELESS SCHEMATIC

UNDERGROUND UTILITIES
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CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

PID NUMBER 13034

BENT TREE BLVD AT SAWMILL PLACE BLVD
INTERSECTION 4229

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

457
1107

J:\Jobs\47857\TECHPRO0\Sheets\FM_22_sawmillsouth_A.dwg – SMS-A3 layout ~ last saved by: CCL rlrapp 09/16/2014 04:46pm ~ printed 07/01/2015 12:51pm

ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	STATION FROM	STATION TO	632 MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES	633 CONTROLLER ITEM, MISC.: FIBER OPTIC ETHERNET TRANSCEIVER	633 CONTROLLER ITEM, MISC.: LAYER 2 ETHERNET SWITCH	633 CONTROLLER ITEM, MISC.: TERMINAL PORT SERVER	633 CONTROLLER UNIT, TYPE TS2/A2, AS PER PLAN	633 INTERCONNECT, MISC.: CAT 5E CABLE, OUTDOOR RATED	804 FIBER OPTIC CABLE, MISC.: 24 STRAND CABLE	804 FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 24 TERMINATION	815 SPREAD SPECTRUM RADIO, AS PER PLAN													
				FT	EACH	EACH	EACH	EACH	FT	FT	EACH	EACH													
INTERSECTION 4218: DUBLIN GRANVILLE RD. AT SAWMILL PLACE BLVD.																									
454	IC-1	24+04, 32' LT								110															
454	IC-2	24+04, 32' LT	24+03, 44' LT							22															
454	EC-1	24+03, 44' LT	24+04, 32' LT						22																
454	EC-2	24+04, 32' LT							35																
454	TC-1	24+03, 44' LT			2	1	1				1														
454	WR-1	24+04, 32' LT										1													
454	PULL BOX SLACK								5	10															
INTERSECTION 4220: CAINE RD. AT SNOUFFER RD.																									
455	IC-1	5+43, 33' RT								110															
455	IC-2	5+43, 33' RT	5+30, 33' RT							23															
455	TC-1	5+30, 33' RT			1	1	1				1														
455	PULL BOX SLACK									10															
INTERSECTION 4206: BENT TREE BLVD. AT FEDERATED BLVD.																									
456	EC-1	7+52, 66' LT	7+49, 54' LT						21																
456	EC-2	7+50, 54' LT							35																
456	EC-3	7+49, 54' LT	7+47, 43' RT	100					100																
456	TC-1	7+52, 66' LT				1		1																	
456	WR-1	7+47, 43' RT										1													
456	PULL BOX SLACK								5																
INTERSECTION 4229: BENT TREE BLVD. AT SAWMILL PLACE BLVD.																									
457	EC-1	0+42, 62' RT	0+50, 51' RT						46																
457	EC-2	0+50, 51' RT							70																
457	TC-1	0+42, 62' RT				1	1																		
457	WR-1	0+50, 51' RT										2													
457	PULL BOX SLACK								10																
		SHEET TOTAL		100	3	4	3	1	349	285	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-

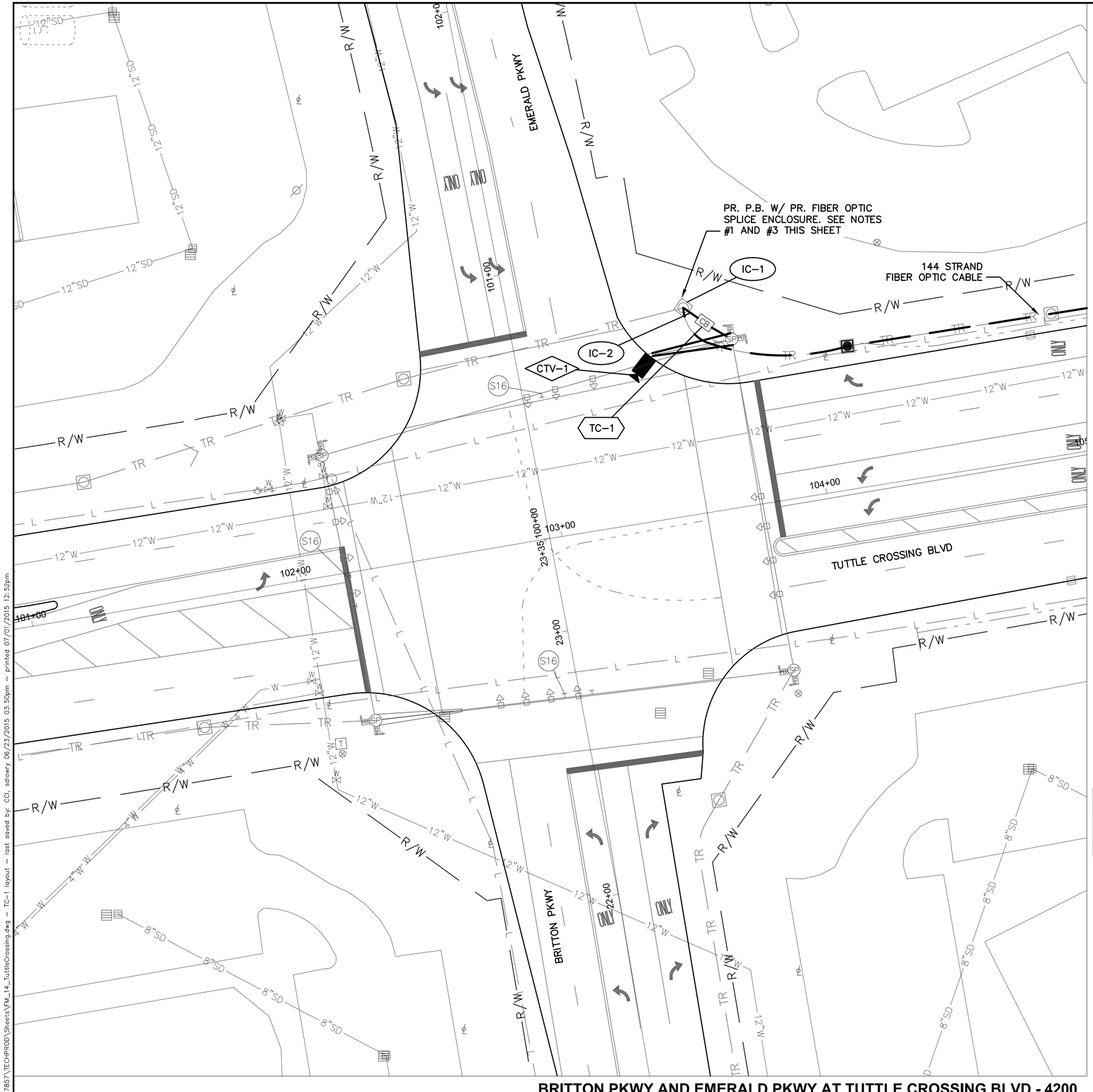
2762 DR. E

PID NUMBER 13034

INTERSECTION QUANTITIES
INTERSECTIONS 4218, 4220, 4206 AND 4229

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

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INTERSECTION COMMUNICATIONS

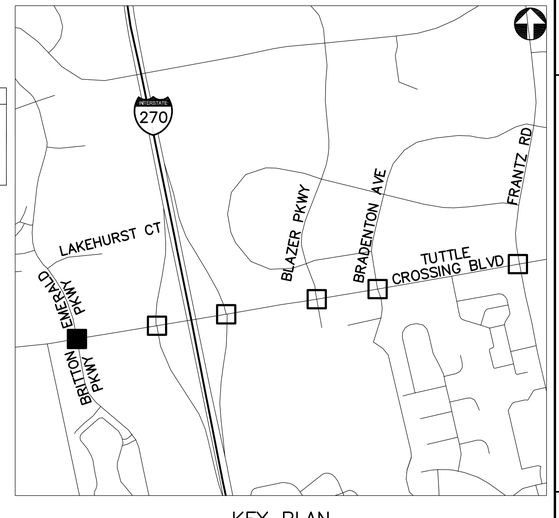
INT #4200 WITH EXISTING SIGNAL CONTROLLER — PROPOSED FIBER CABLE SEE SHEET 664

NOTES:

1. SEE SHEET 664 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 465 FOR INTERSECTION QUANTITIES
3. SEE SHEET 964 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN
4. CCTV COMPOSITE CABLE AND CCTV FIELD CONTROLLER ARE INCIDENTAL TO ITEM 632: SIGNALIZATION MISC.: CCTV IP-CAMERA SYSTEM. COMPOSITE CABLE SHALL BE FREE OF SPLICES FROM THE CCTV CAMERA UNIT TO THE CCTV FIELD CONTROLLER UNIT.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- SEWER
- WATER
- POWER
- LIGHTING



KEY PLAN
NOT TO SCALE

BRITTON PKWY AND EMERALD PKWY AT TUTTLE CROSSING BLVD - 4200

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

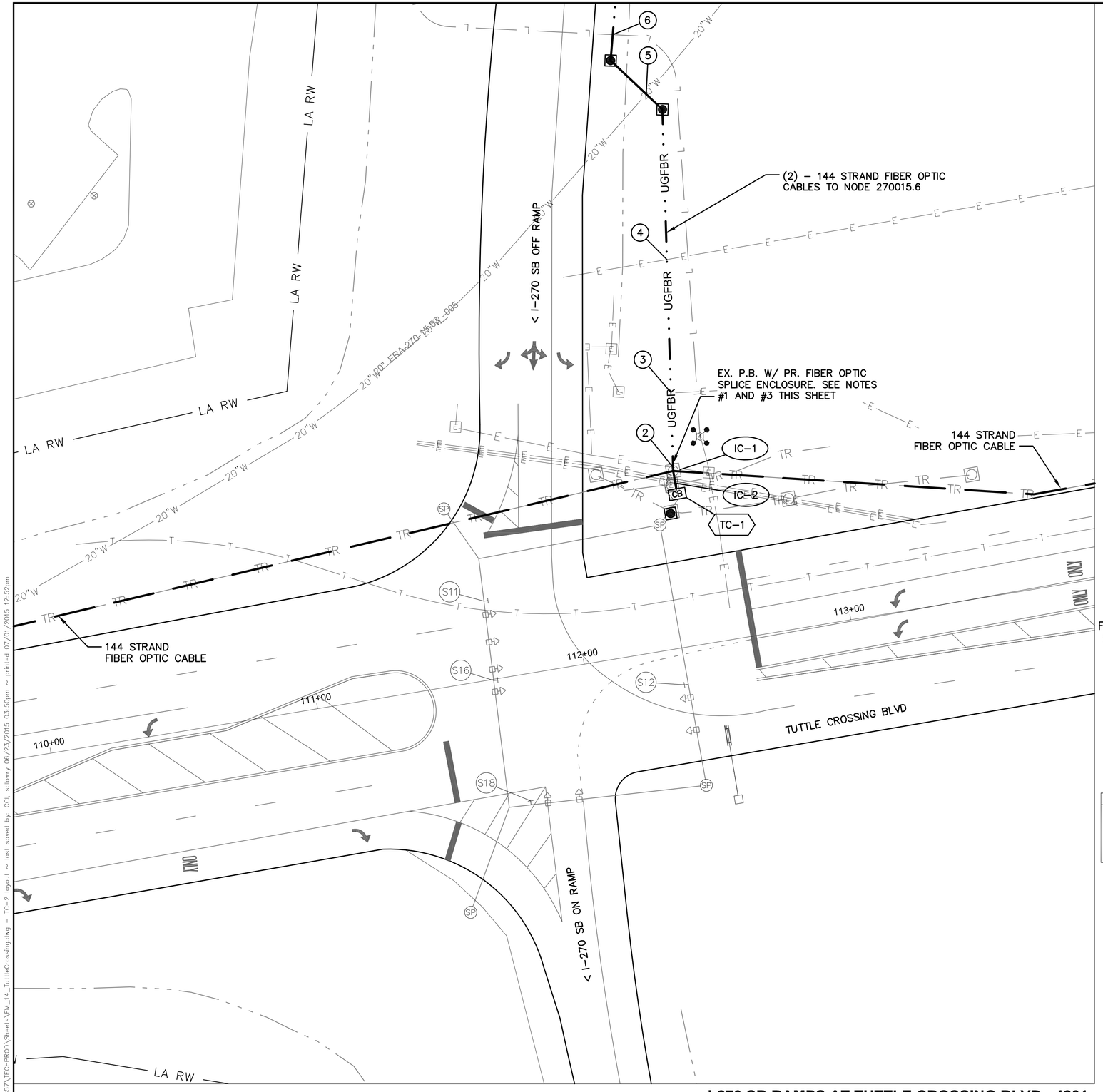
PID NUMBER 13034

BRITTON PKWY AND EMERALD PKWY AT TUTTLE CROSSING BLVD INTERSECTION 4200

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

459
1107

J:\jobs\47857\TECHPROD\Sheets\FM_14_TuttleCrossing.dwg ~ TC-1 layout ~ last saved by: CCI, sdlowry 06/23/2015 03:50pm ~ printed 07/01/2015 12:52pm



I-270 SB RAMPS AT TUTTLE CROSSING BLVD - 4201

INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 663

PROPOSED FIBER CABLE SEE SHEET 664 — INT #4201 WITH PROPOSED SIGNAL CONTROLLER — PROPOSED FIBER CABLE SEE SHEET 664

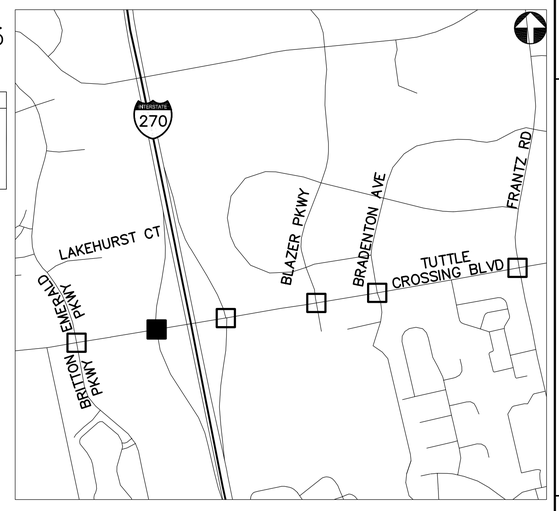
NOTES:

1. SEE SHEETS 663 AND 664 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS AND NODE PLAN
2. SEE SHEET 465 FOR INTERSECTION QUANTITIES
3. SEE SHEET 965 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 15.

UNDERGROUND UTILITIES
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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- SEWER
- WATER
- POWER
- LIGHTING



KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

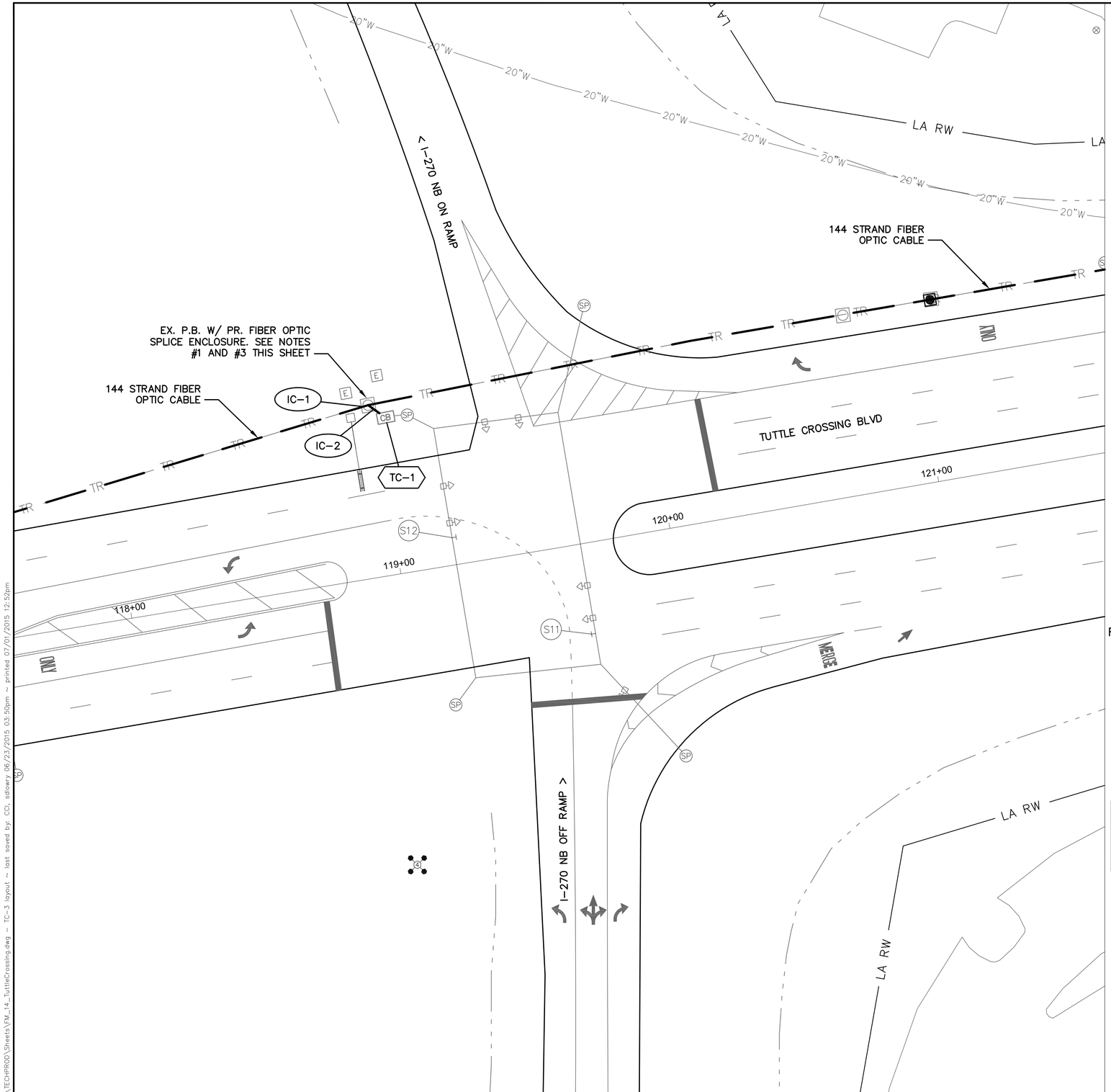
PID NUMBER 13034

I–270 SB RAMPS AT TUTTLE CROSSING BLVD
INTERSECTION 4201

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

460
1107

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I-270 NB RAMPS AT TUTTLE CROSSING BLVD - 4202

INTERSECTION COMMUNICATIONS

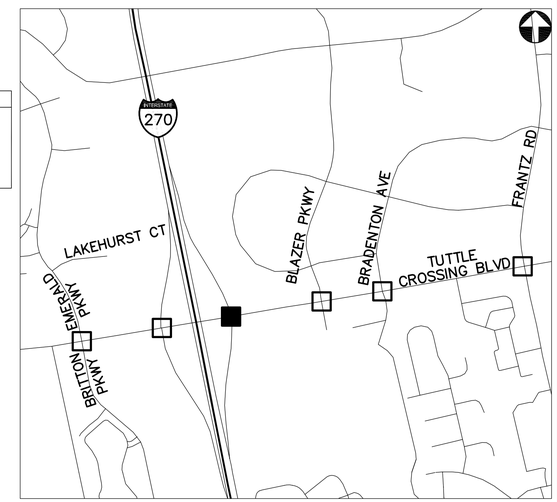
PROPOSED FIBER CABLE SEE SHEET 664 — INT #4202 WITH EXISTING SIGNAL CONTROLLER — PROPOSED FIBER CABLE SEE SHEET 664

NOTES:

1. SEE SHEET 664 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 465 FOR INTERSECTION QUANTITIES
3. SEE SHEET 966 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

PID NUMBER 13034

I-270 NB RAMPS AT TUTTLE CROSSING BLVD INTERSECTION 4202

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

461
1107

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INTERSECTION COMMUNICATIONS

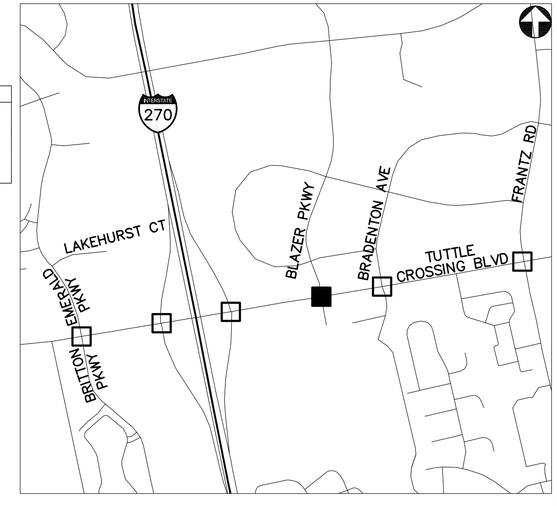
PROPOSED FIBER CABLE SEE SHEET 665 — INT #4203 WITH EXISTING SIGNAL CONTROLLER — PROPOSED FIBER CABLE SEE SHEET 665

NOTES:

1. SEE SHEET 665 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 465 FOR INTERSECTION QUANTITIES
3. SEE SHEET 967 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- SEWER
- WATER
- POWER
- LIGHTING



KEY PLAN
NOT TO SCALE

BLAZER PKWY AT TUTTLE CROSSING BLVD - 4203

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

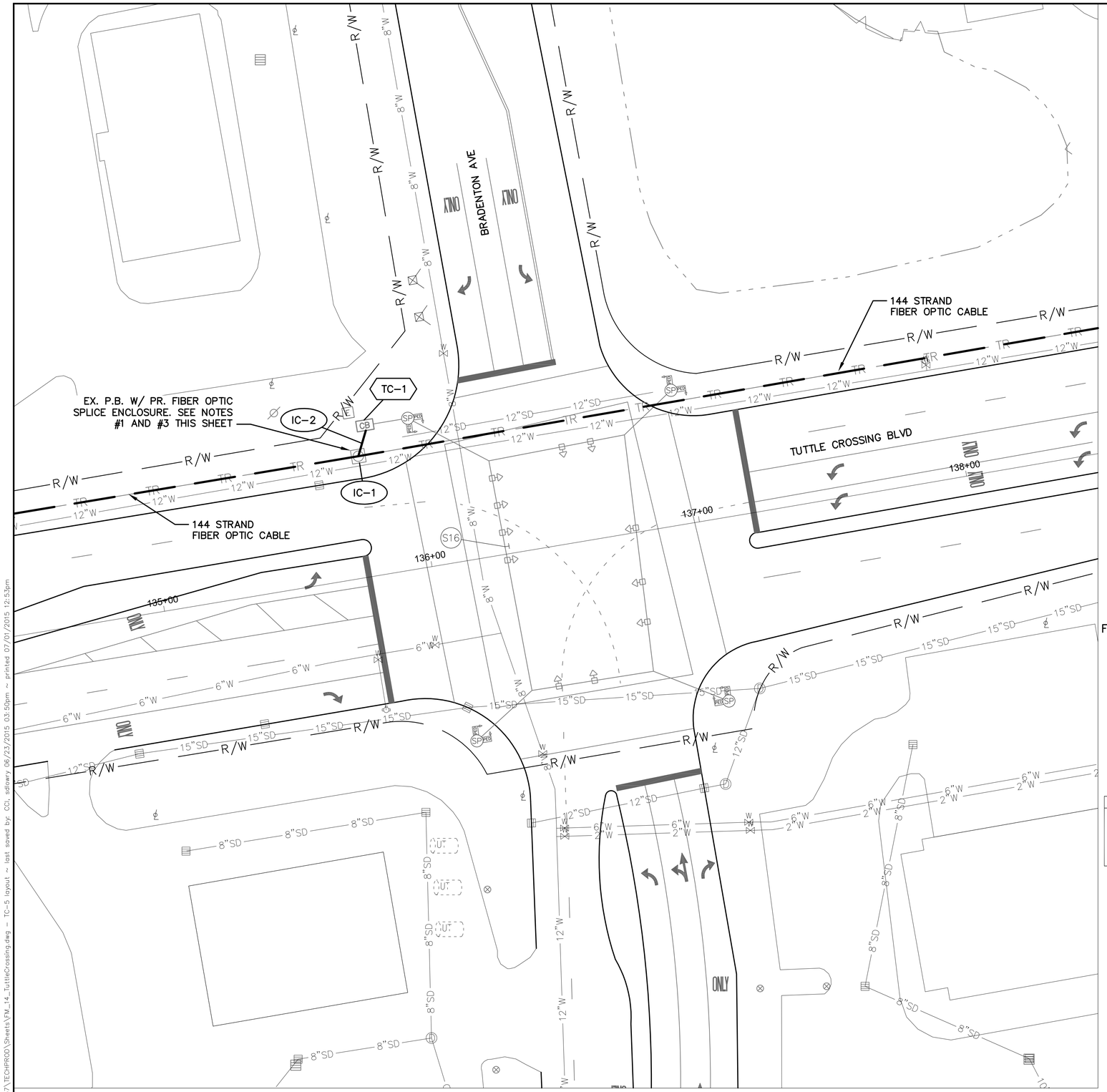
PID NUMBER 13034

BLAZER PKWY AT TUTTLE CROSSING BLVD
INTERSECTION 4203

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

462
1107

J:\obs\47857\TECHPROD\Sheets\FM_14_TuttleCrossing.dwg ~ TC-4 layout ~ last saved by: CCL sdlowry 06/23/2015 03:50pm ~ printed 07/01/2015 12:52pm



INTERSECTION COMMUNICATIONS

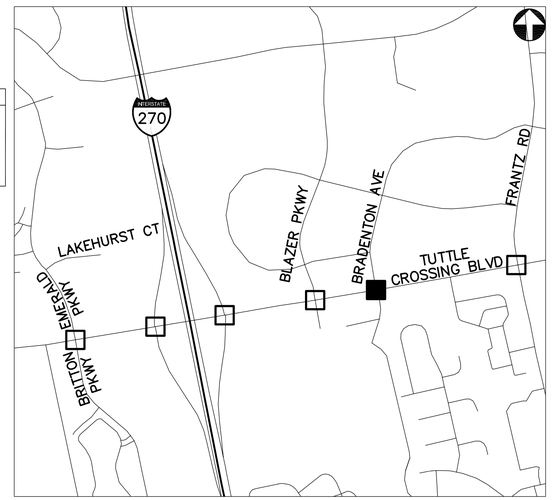
PROPOSED FIBER CABLE SEE SHEET 665 — INT #4222 WITH EXISTING SIGNAL CONTROLLER — PROPOSED FIBER CABLE SEE SHEET 665

NOTES:

1. SEE SHEET 665 FOR INTERCONNECT PLAN BETWEEN INTERSECTIONS
2. SEE SHEET 465 FOR INTERSECTION QUANTITIES
3. SEE SHEET 977 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- SEWER
- WATER
- POWER
- LIGHTING



KEY PLAN
NOT TO SCALE

BRADENTON AVE AT TUTTLE CROSSING BLVD - 4222

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

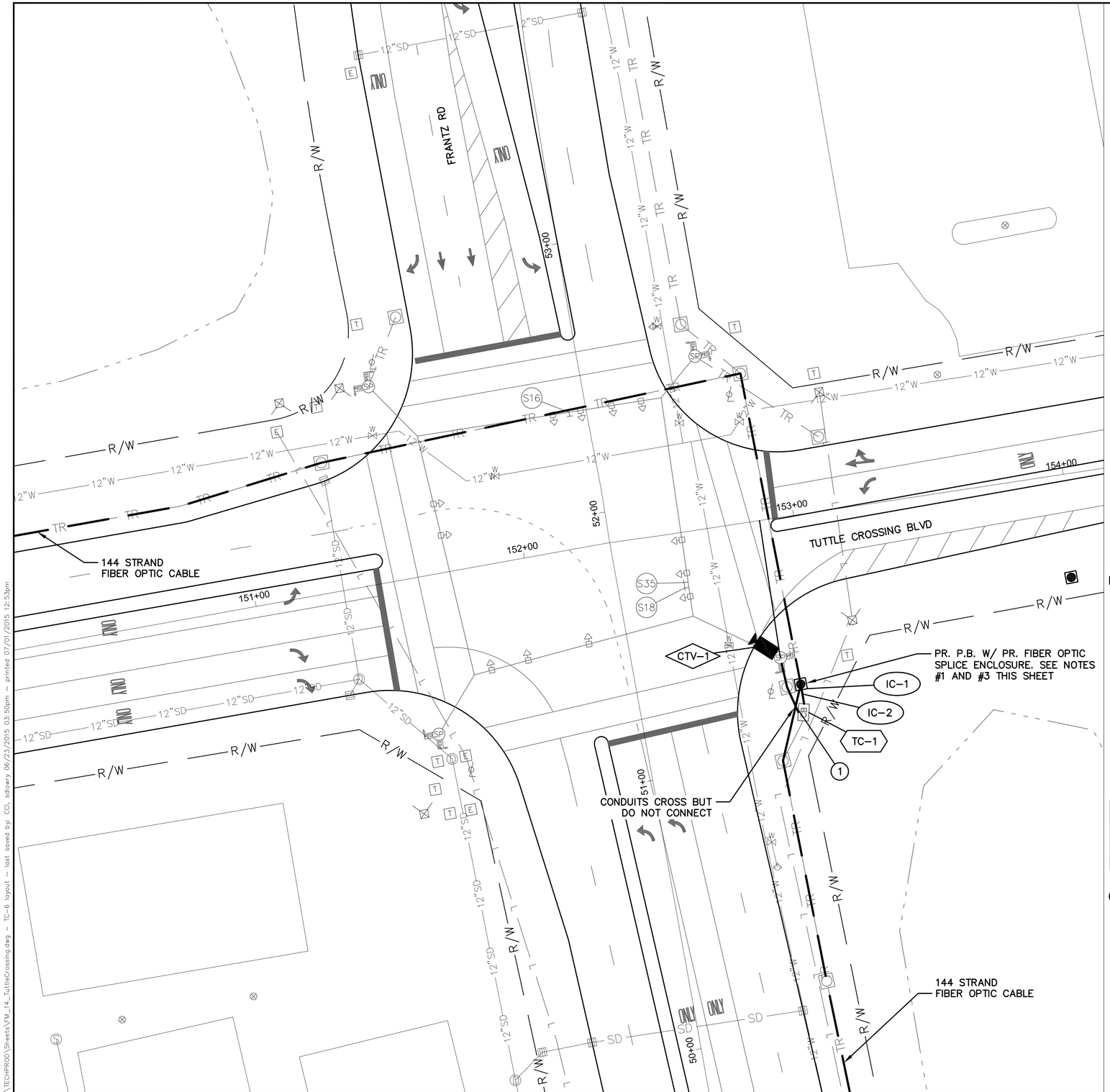
PID NUMBER 13034

BRADENTON AVE AT TUTTLE CROSSING BLVD
INTERSECTION 4222

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

463
1107

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INTERSECTION COMMUNICATIONS

PROPOSED FIBER CABLE SEE SHEET 665

INT #4188 WITH EXISTING SIGNAL CONTROLLER

PROPOSED FIBER CABLE SEE SHEET 661

NOTES:

1. SEE SHEETS 661 AND 665 FOR INTERCONNECT PLANS BETWEEN INTERSECTIONS

2. SEE SHEET 465 FOR INTERSECTION QUANTITIES

3. SEE SHEET 960 FOR COMMUNICATION DETAILS AND FIBER OPTIC SPLICING PLAN

4. CCTV COMPOSITE CABLE AND CCTV FIELD CONTROLLER ARE INCIDENTAL TO ITEM 632: SIGNALIZATION MISC.: CCTV IP–CAMERA SYSTEM. COMPOSITE CABLE SHALL BE FREE OF SPLICES FROM THE CCTV CAMERA UNIT TO THE CCTV FIELD CONTROLLER UNIT.

UNDERGROUND UTILITIES

TWO WORKING DAYS BEFORE YOU DIG

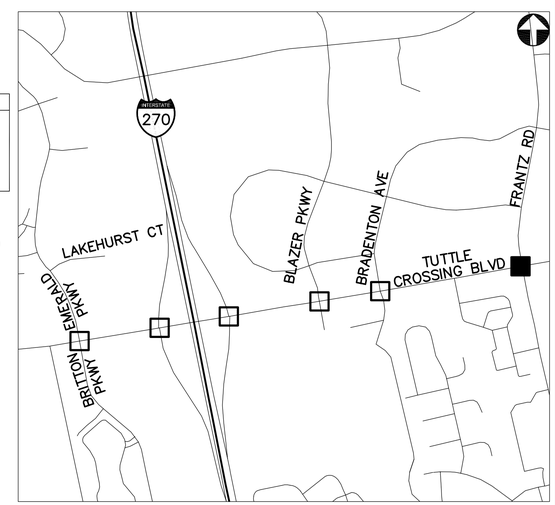
CALL TOLL FREE 800–362–2764

OHIO UTILITIES PROTECTION SERVICE

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 15.

CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



KEY PLAN
NOT TO SCALE

FRANTZ RD AT TUTTLE CROSSING BLVD - 4188

2762 DR. E

HORIZONTAL SCALE IN FEET
0 20 40

PID NUMBER 13034

FRANTZ RD AT TUTTLE CROSSING BLVD
INTERSECTION 4188

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

464
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	STATION		632	633	633	633	633	804	804	#N/A														
				SIGNALIZATION, MISC.: CCTV IP-CAMERA SYSTEM	CONTROLLER ITEM, MISC.: FIBER OPTIC ETHERNET TRANSCEIVER	CONTROLLER ITEM, MISC.: LAYER 2 ETHERNET SWITCH	CONTROLLER ITEM, MISC.: TERMINAL PORT SERVER	CONTROLLER UNIT, TYPE TS2/A2, AS PER PLAN	FIBER OPTIC CABLE, MISC.: 24 STRAND CABLE	FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 24 TERMINATION															
		FROM	TO	EACH	EACH	EACH	EACH	EACH	FT	EACH															
INTERSECTION 4200: BRITTON PKWY. AND EMERALD PKWY. AT TUTTLE CROSSING BLVD.																									
459	IC-1	103+58, 77' LT							75																
459	IC-2	103+58, 77' LT	103+65, 70' LT						20																
459	TC-1	103+65, 70' LT			2	1	1			1															
459	CTV-1	103+74, 62' LT		1																					
INTERSECTION 4201: I-270 SB RAMPS AT TUTTLE CROSSING BLVD.																									
460	IC-1	112+44, 65'LT							75																
460	IC-2	112+44, 65'LT	112+44, 57'LT						17																
460	TC-1	112+44, 57'LT			2	1		1		1															
INTERSECTION 4202: I-270 NB RAMPS AT TUTTLE CROSSING BLVD.																									
461	IC-1	118+98, 63' LT							75																
461	IC-2	118+98, 63' LT	119+04, 57' LT						20																
461	TC-1	119+04, 57' LT			2	1	1			1															
INTERSECTION 4203: BLAZER PKWY. AT TUTTLE CROSSING BLVD.																									
462	IC-1	128+72, 53' LT							75																
462	IC-2	128+72, 53' LT	128+89, 57' LT						27																
462	TC-1	128+89, 57' LT			2	1	1			1															
INTERSECTION 4222: BRADENTON AVE. AT TUTTLE CROSSING BLVD.																									
463	IC-1	135+80, 45' LT							75																
463	IC-2	135+80, 45' LT	135+84, 55' LT						20																
463	TC-1	135+84, 55' LT			2	1	1			1															
INTERSECTION 4188: FRANTZ RD. AT TUTTLE CROSSING BLVD.																									
464	IC-1	152+94, 62' RT							75																
464	IC-2	152+94, 62' RT	152+93, 72' RT						20																
464	TC-1	152+93, 72' RT			2	1	1			1															
464	CTV-1	152+88, 51' RT		1																					
464	PULL BOX SLACK																								
		SHEET TOTAL		2	12	6	5	1	574	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

2762 DR. E

PID NUMBER 13034

INTERSECTION QUANTITIES
INTERSECTIONS 4200. 4201, 4202, 4203, 4222 AND 4188

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

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SEE SHEET 471
SNOUFFER RD
BENT TREE BLVD
DUBLIN–GRANVILLE RD
TUTTLE CROSSING BLVD
DUBLIN RD
SAWMILL RD
WEST CASE RD
HAYDEN RUN RD
BETHEL RD
SEE SHEET 471
HENDERSON RD
CEMETERY RD
FISHINGER RD
SEE SHEET 471
ROBERTS RD
KENNY RD
N HIGH ST
SEE SHEET 467
SEE SHEET 468
SEE SHEET 469
SEE SHEET 470
W BROAD ST
SULLIVANT AVE
SULLIVANT AVE
GEORGESVILLE RD
SEE SHEET 472
GEORGESVILLE RD
CLIME RD
S HIGH ST
W SCHROCK RD
SINCLAIR RD
KARL RD
CLEVELAND AVE
MORSE RD
WALFORD ST
CLEVELAND AVE
SUNBURY RD
STELZER RD
HAMILTON RD
MORSE RD
HAVENS CORNERS RD
SEE SHEET 472
N WAGGONER RD
SEE SHEET 472
S WAGGONER RD
E BROAD ST
E BROAD ST
270
315
71
62
670
70
33
104

HORIZONTAL SCALE IN FEET
0 200 400

PID NUMBER
13034

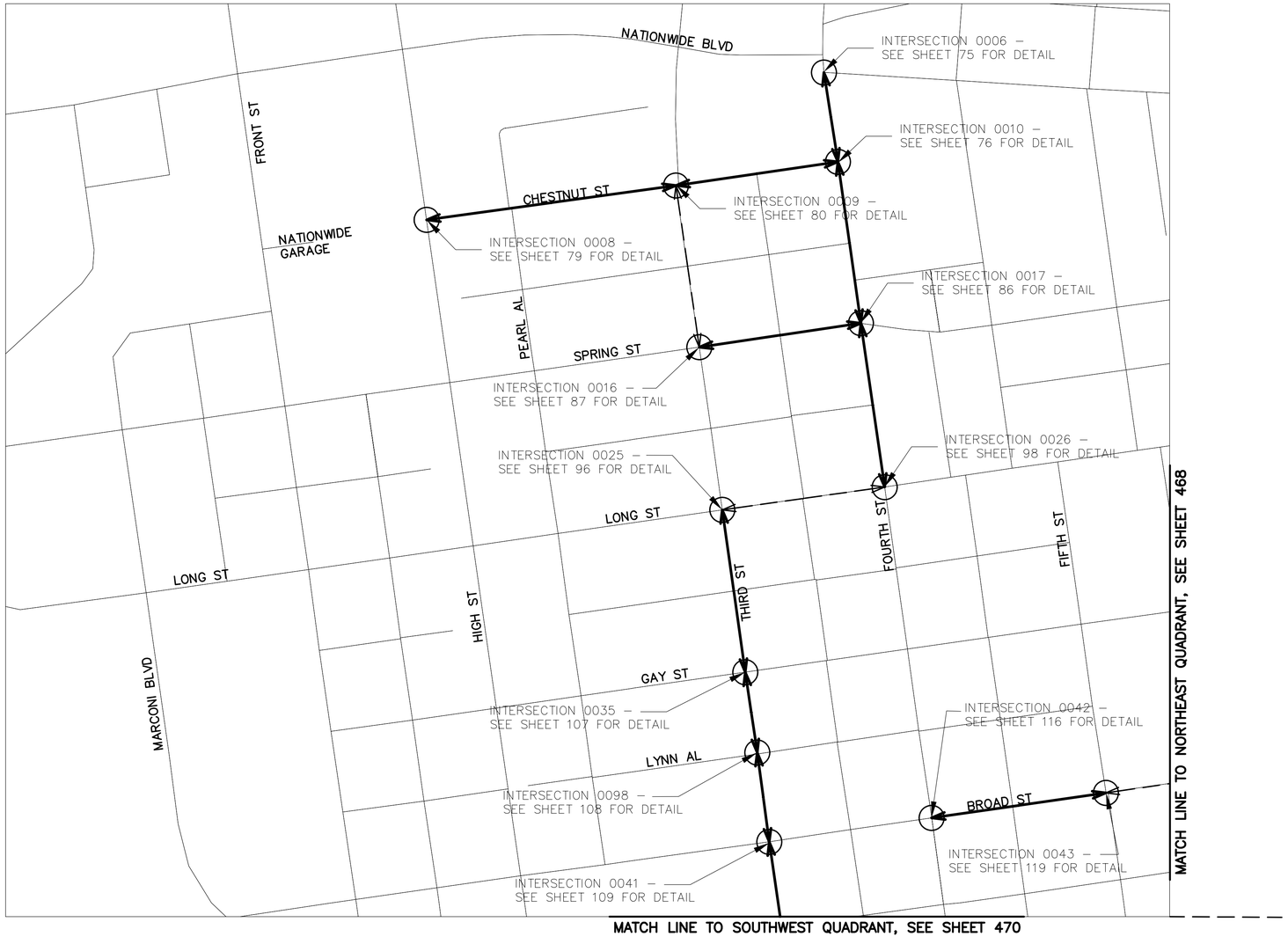
WIRELESS SCHEMATIC PLAN OVERVIEW

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

466
1107

2762 DR. E

J:\Jobs\47857\TECHPRO0\Sheets\FM_Wireless_Schematic.dwg – WRLS SCHM INDEX layout ~ last saved by: CCI, rirapp 09/16/2014 05:31pm ~ printed 07/01/2015 12:53pm



LEGEND

WIRELESS DEVICE SITE

PRIMARY WIRELESS LINK

SECONDARY WIRELESS LINK

2762 DR. E

0 200 400
HORIZONTAL SCALE IN FEET

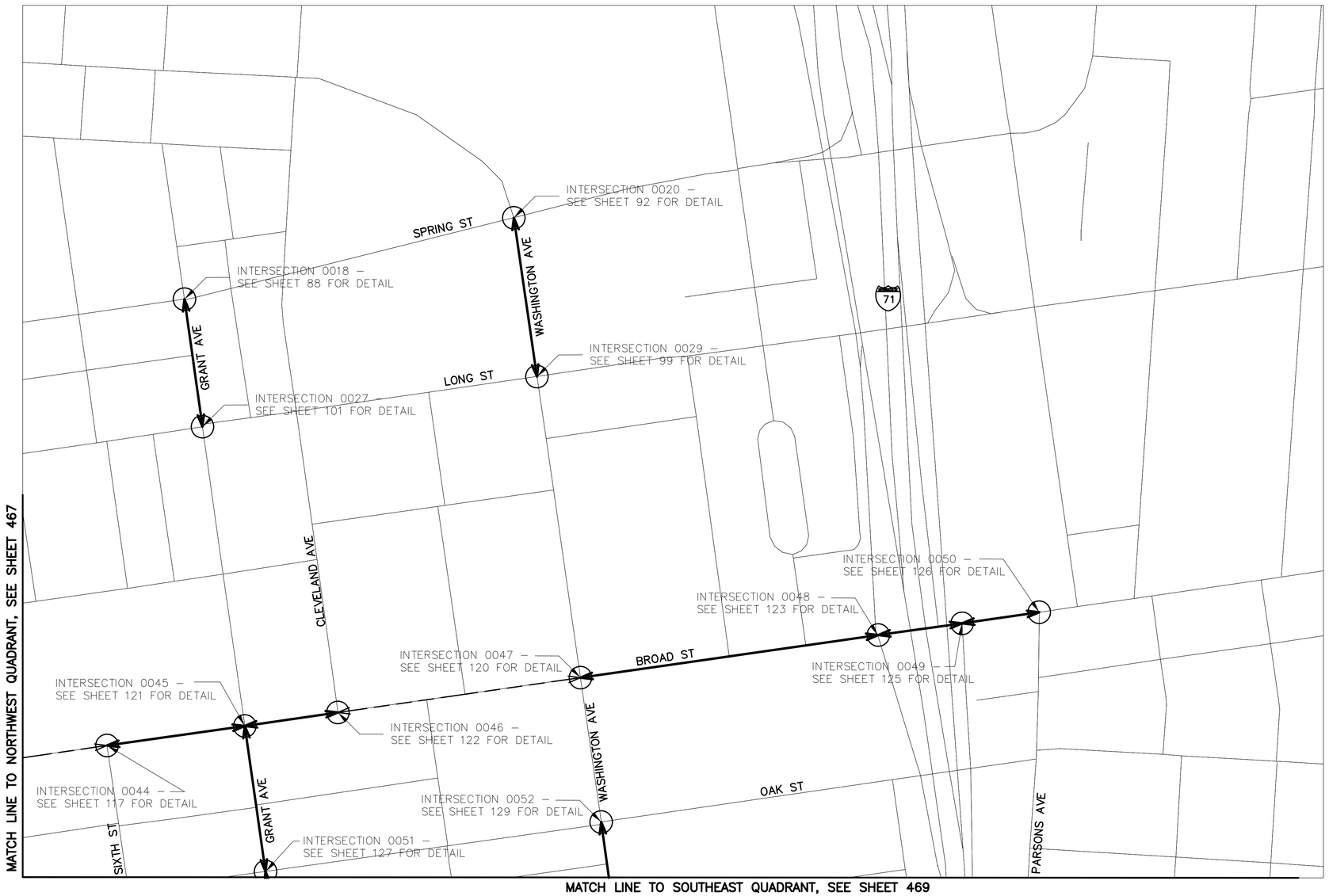
PID NUMBER
13034

WIRELESS SCHEMATIC
DOWNTOWN NORTHWEST QUADRANT

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

467
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_Wireless_Schematic.dwg – WRLS SCHM 1 layout ~ last saved by: CDI, rtrapp 09/16/2014 05:31pm ~ printed 07/01/2015 12:54pm



LEGEND

WIRELESS DEVICE SITE

PRIMARY WIRELESS LINK

SECONDARY WIRELESS LINK

2762 DR. E

0 200 400 HORIZONTAL SCALE IN FEET

PID NUMBER 13034

WIRELESS SCHEMATIC
DOWNTOWN NORTHEAST QUADRANT

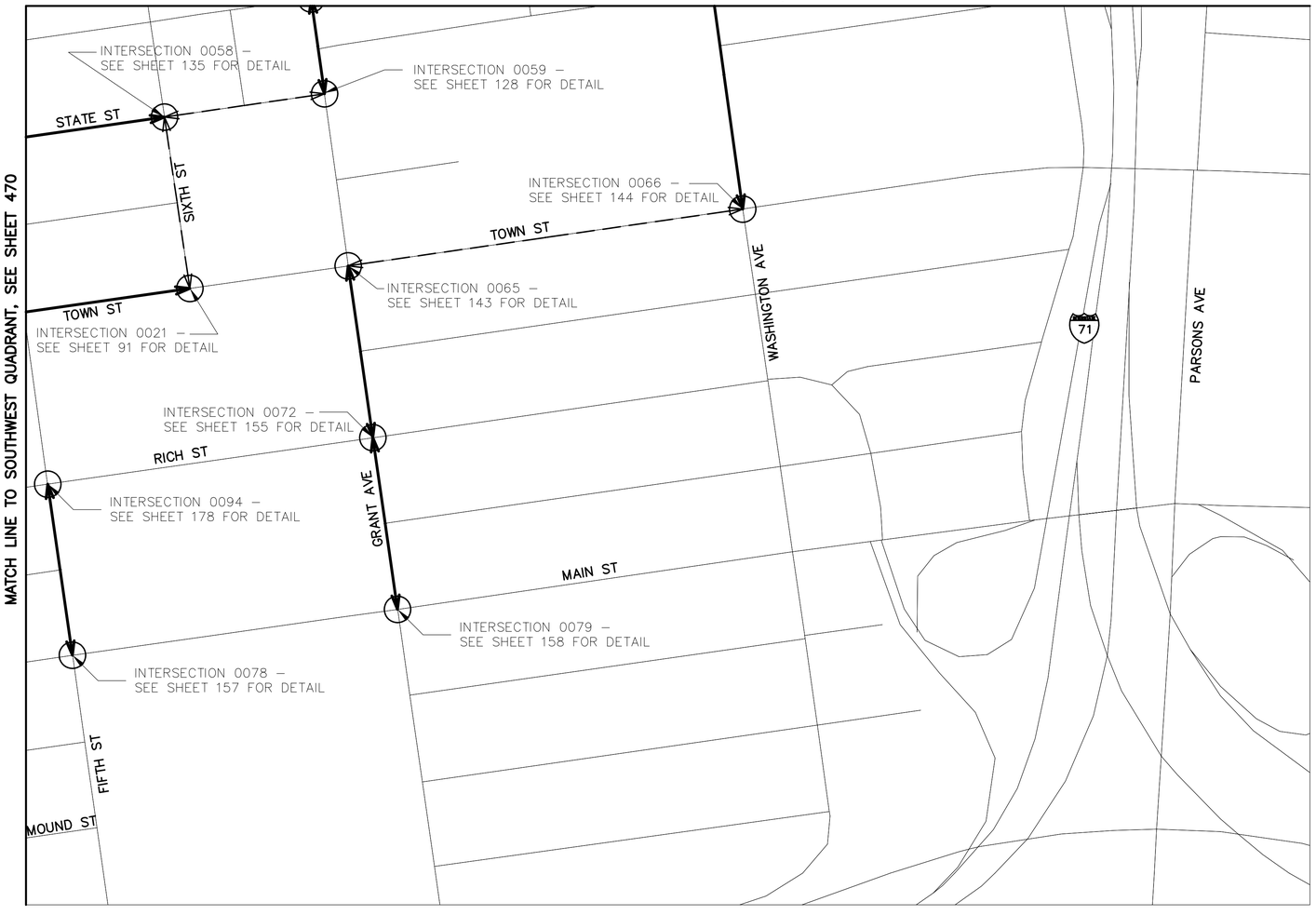
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

468
1107

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MATCH LINE TO NORTHEAST QUADRANT, SEE SHEET 468

MATCH LINE TO SOUTHWEST QUADRANT, SEE SHEET 470



LEGEND

WIRELESS DEVICE SITE

PRIMARY WIRELESS LINK

SECONDARY WIRELESS LINK

2762 DR. E

HORIZONTAL SCALE IN FEET
0 200 400

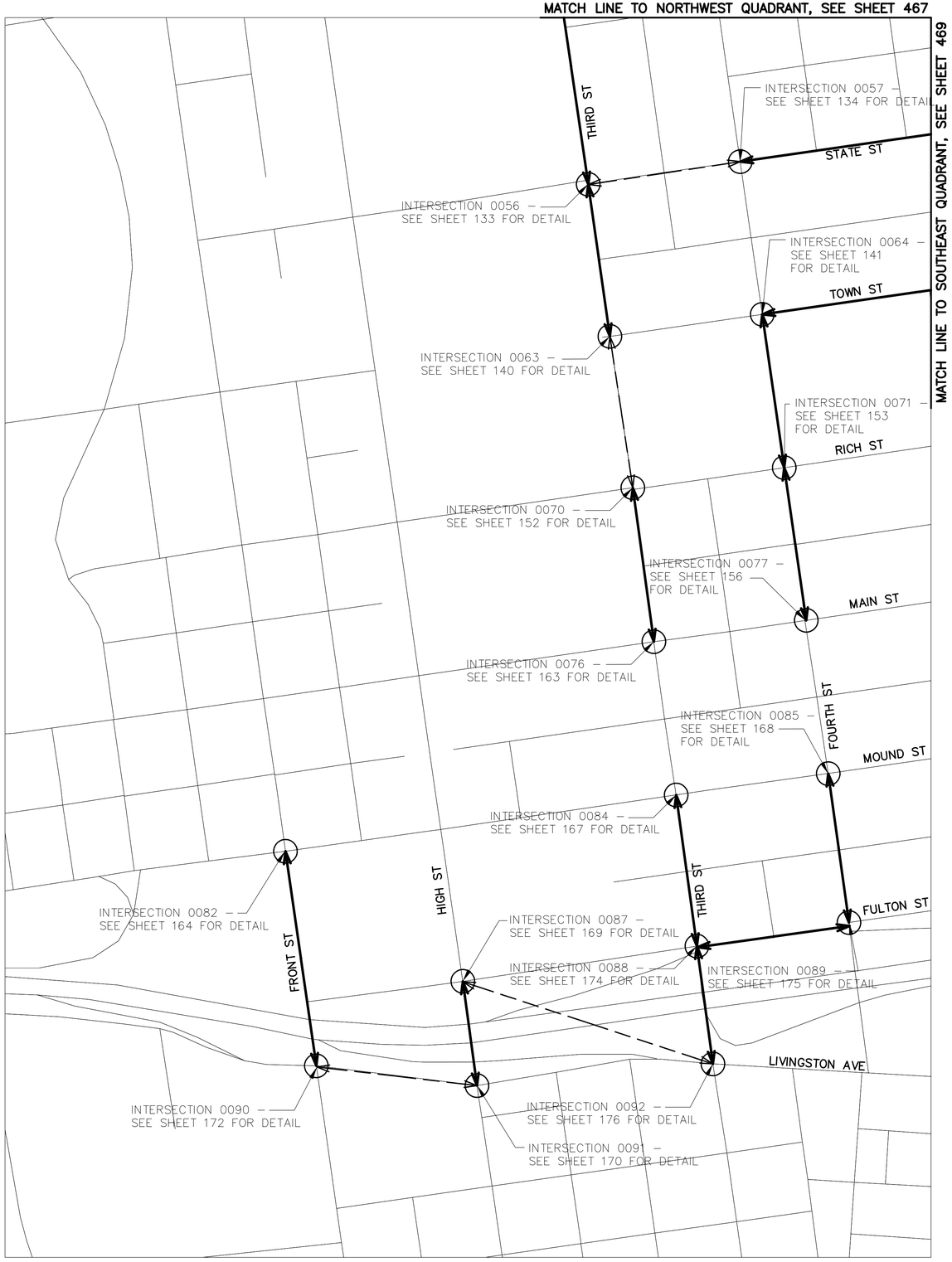
PID NUMBER 13034

WIRELESS SCHEMATIC
DOWNTOWN SOUTHEAST QUADRANT

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

469
1107

J:\Jobs\47857\TECHPROD\Sheets\TM_Wireless_Schematic.dwg – WRLS SCHM 3 layout – last saved by: CCL rlrapp 09/16/2014 05:31pm – printed 07/01/2015 12:54pm



LEGEND

WIRELESS DEVICE SITE

PRIMARY WIRELESS LINK

SECONDARY WIRELESS LINK

2762 DR. E

0 200 400 HORIZONTAL SCALE IN FEET

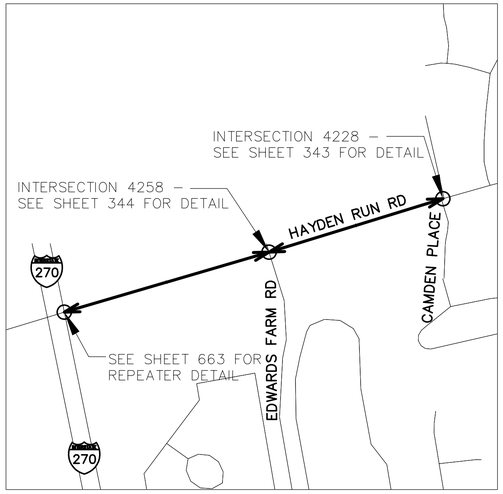
PID NUMBER 13034

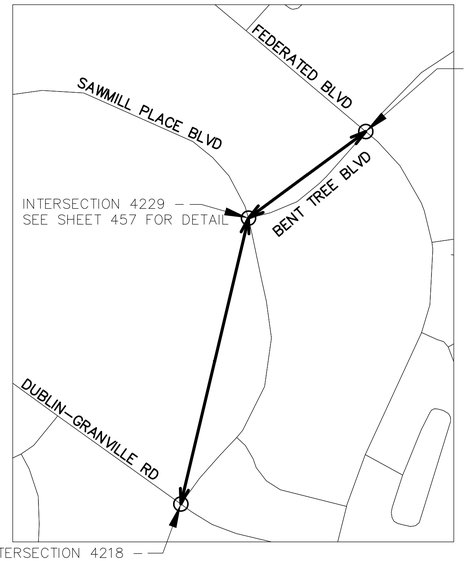
WIRELESS SCHEMATIC
DOWNTOWN SOUTHWEST QUADRANT

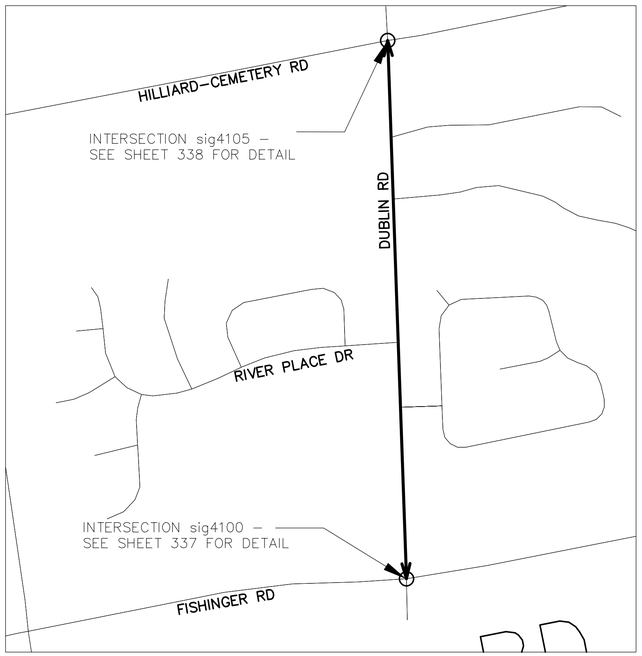
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

470
1107

J:\obs\47857\TECHPROD\Sheets\FM_Wireless_Schematic.dwg – WRLS SCHM 4 layout ~ last saved by: COI, rtrapp 09/16/2014 05:31pm ~ printed 07/01/2015 12:54pm







LEGEND

WIRELESS DEVICE SITE

PRIMARY WIRELESS LINK

SECONDARY WIRELESS LINK

2762 DR. E

HORIZONTAL SCALE IN FEET

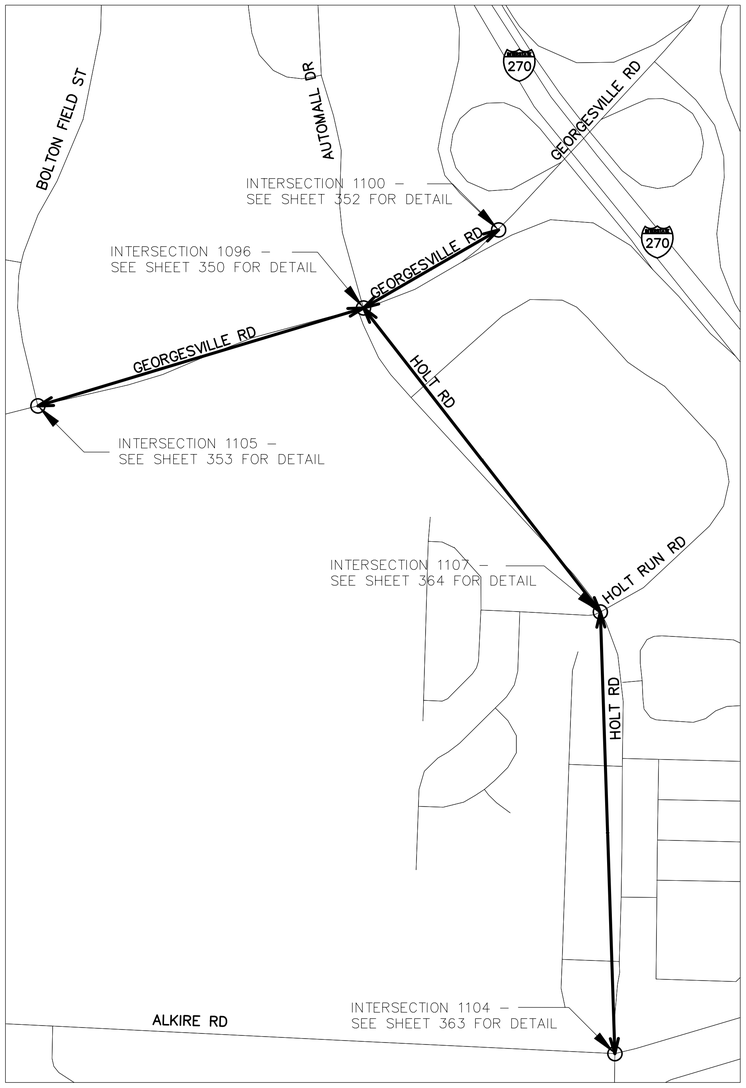
PID NUMBER 13034

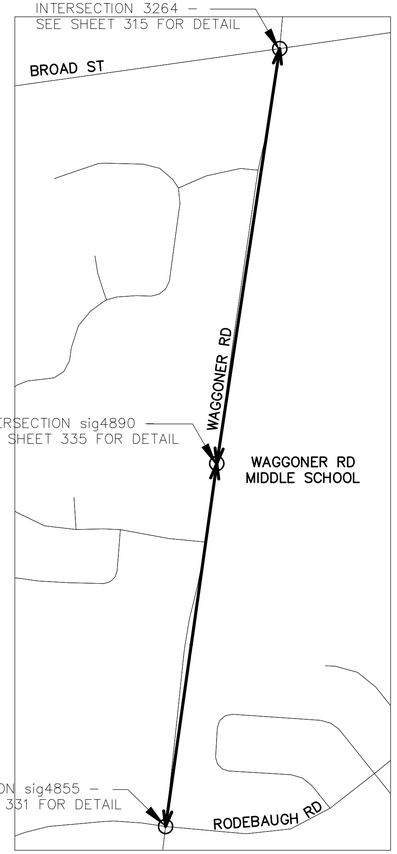
WIRELESS SCHEMATIC
NORTHWEST AND NORTH AREAS

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

471
1107

J:\Jobs\47857\TECHPROD\Sheets\PM_Wireless_Schematic.dwg – WRLS SCHM 5 layout ~ last saved by: COI, rtrapp 09/16/2014 05:31pm ~ printed 07/01/2015 12:54pm







LEGEND

WIRELESS DEVICE SITE

PRIMARY WIRELESS LINK

SECONDARY WIRELESS LINK

2762 DR. E

0 400 800 HORIZONTAL SCALE IN FEET

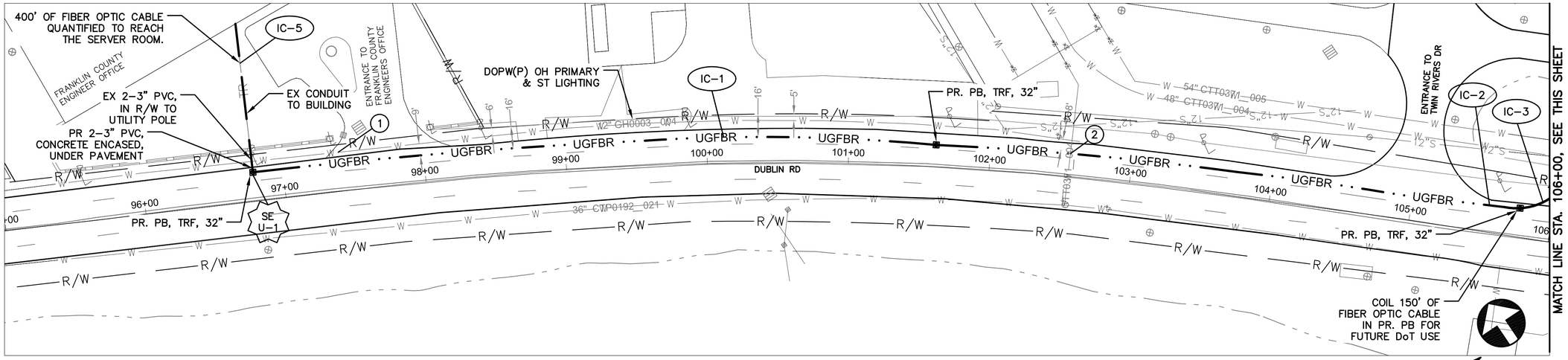
PID NUMBER 13034

WIRELESS SCHEMATIC
SOUTHWEST AND EAST AREAS

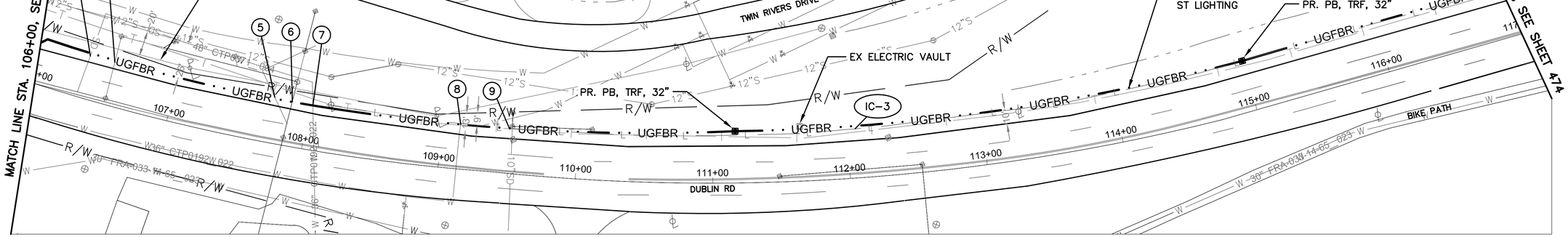
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

472
1107

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DUBLIN RD BETWEEN STATION 95+00 AND 106+00



DUBLIN RD BETWEEN STATION 106+00 AND 117+00

NOTES:

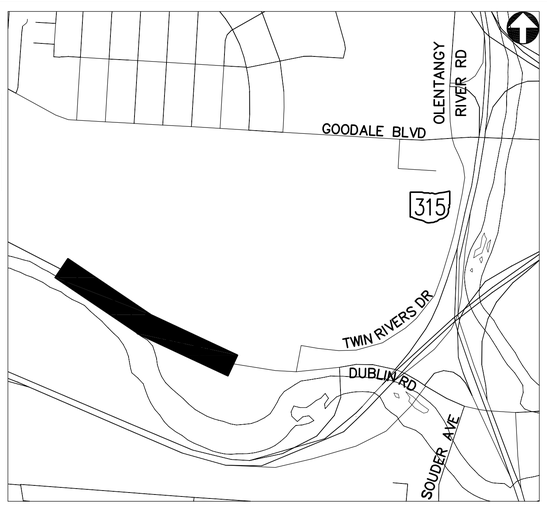
1. SEE SHEET 477 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 725 FOR COMMUNICATION DETAILS.
3. SEE SHEET 52 FOR FRANKLIN COUNTY ENGINEER OFFICE COMMUNICATIONS CONNECTION DETAILS.
4. THE FOLLOWING CONTINGENT QUANTITY IS TO BE USED AT THE DIRECTION OF THE ENGINEER AND IS CARRIED TO THE GENERAL SUMMARY
120' – TRENCH IN PAVED AREA, AS PER PLAN

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 15.

CITY OF COLUMBUS UTILITY LEGEND

- ☒ SEWER
- ☒ WATER
- ☒ POWER
- ☒ LIGHTING



REFER TO SHEET 376 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

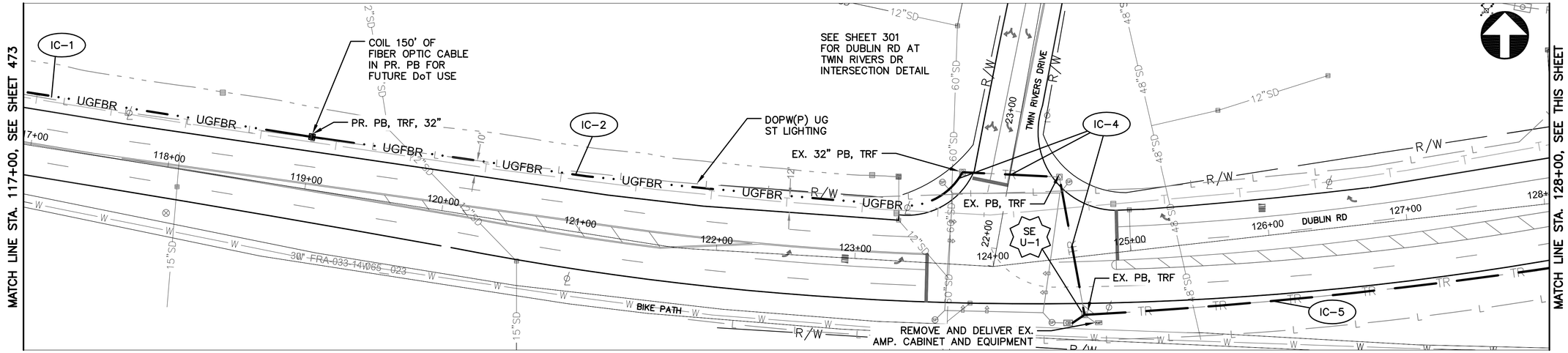
PID NUMBER 13034

INTERCONNECT PLAN
DUBLIN RD BETWEEN STA. 95+00 AND 117+00

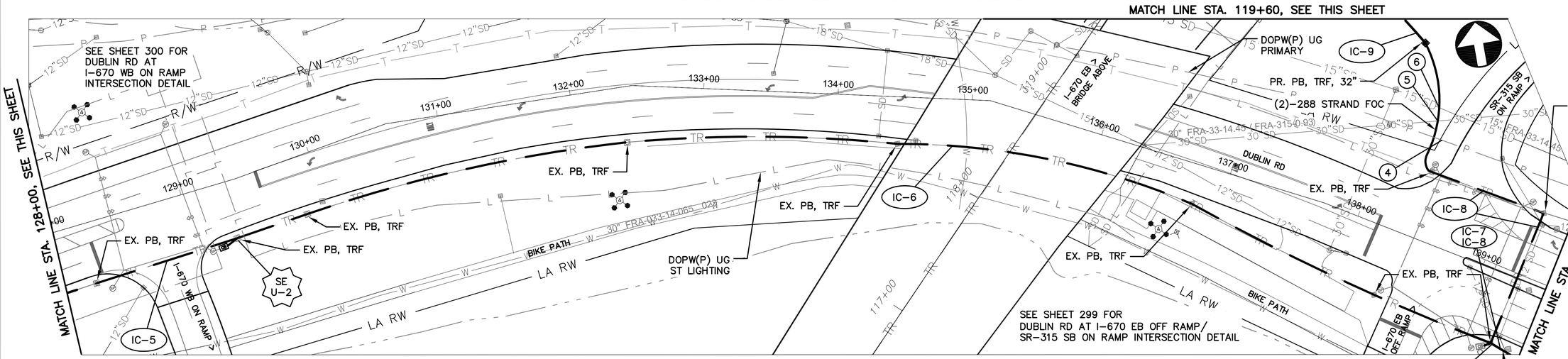
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

473
1107

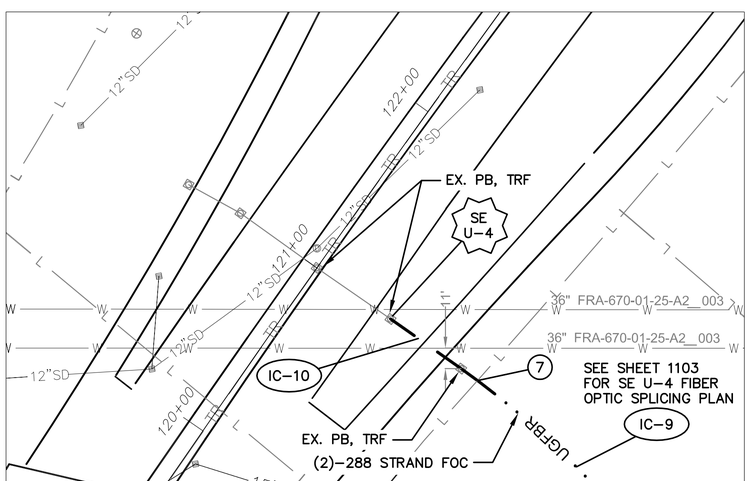
J:\Jobs\47857\TECHPROD\Sheets\FM_24_Long_Corridor.dwg – D-1 layout ~ last saved by: COI, skoganti 07/01/2015 10:08am ~ printed 07/01/2015 12:55pm



DUBLIN RD BETWEEN STATION 117+00 AND 128+00



DUBLIN RD BETWEEN STATION 128+00 AND 139+50



I-670 BETWEEN STATION 119+60 AND 122+50

NOTES:

1. SEE SHEET 477 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 725 FOR COMMUNICATION DETAILS.

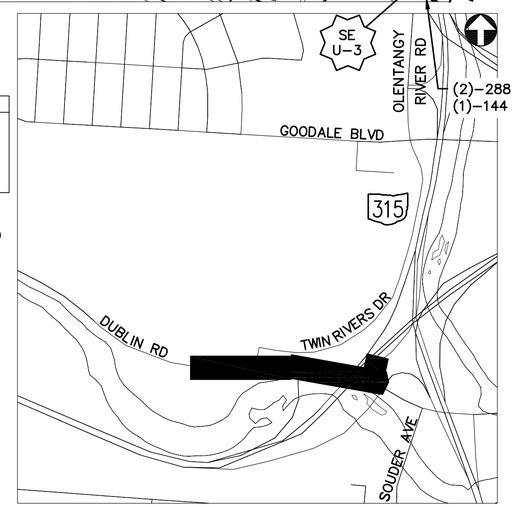
SHEET #	UTILITY CROSSING ID#	STATION	UTILITY TYPE/SIZE	TOP OF UTILITY ELEVATION	EXISTING GROUND ELEVATION	BOTTOM OF PROPOSED ELEVATION	VERTICAL SEPARATION FEET
474	1	119+79, 32' LT	15" STORM DRAIN	3.0 BG	724.3 FG	721.3	
474	2	123+30, 35' LT	12" STORM DRAIN	3.0 BG	721.1 FG	718.1	
474	3	123+40, 37' LT	TELECOMMUNICATIONS				
474	4	138+37, 75' LT	POWER				
474	5	138+34, 90' LT	30" STORM DRAIN (ABAN)	701.9 C	721.0 FG	718	16.1
474	6	138+31, 97' LT	15" STORM DRAIN	709.3 C	719.0 FG	716	6.7
474	7	137+15, 183' LT	LIGHTING CONDUIT				0.5

FG = SURFACE ELEVATION DETERMINED BY FRANKLIN COUNTY GIS, ACCURACY OF ±0.5'
BG = BELOW GRADE
S = ELEVATION SCALED FROM PLANS
C = ELEVATION CALCULATED USING INVERT

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 15.

CITY OF COLUMBUS UTILITY LEGEND
- ☒ SEWER
- ☒ WATER
- ☒ POWER
- ☒ LIGHTING



REFER TO SHEET 376 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

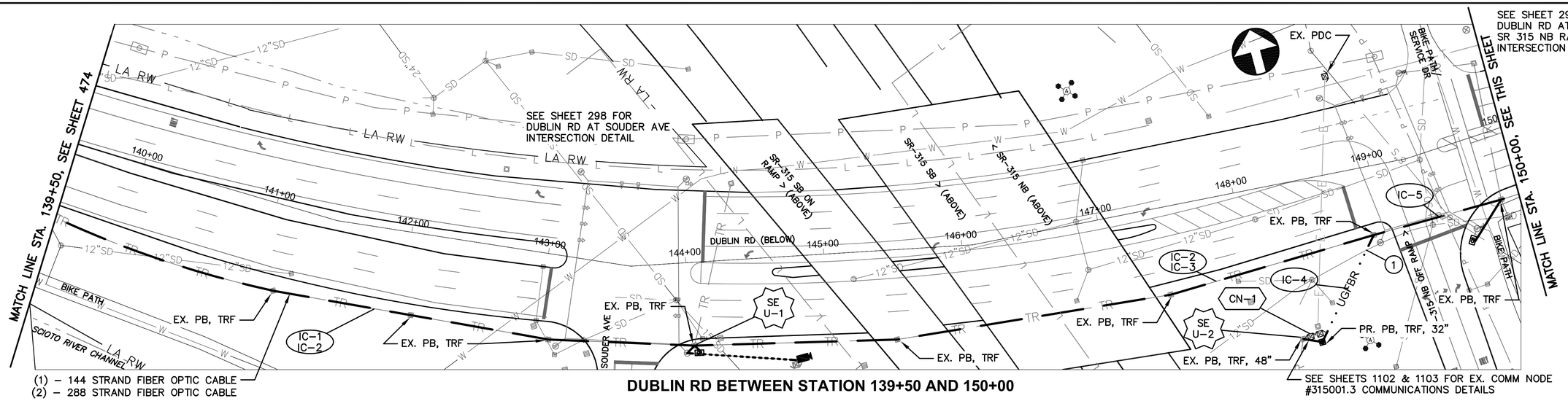
PID NUMBER 13034

INTERCONNECT PLAN – DUBLIN RD BTW STA. 117+00 AND 139+50 & I670 BTW STA. 119+60 AND 122+50

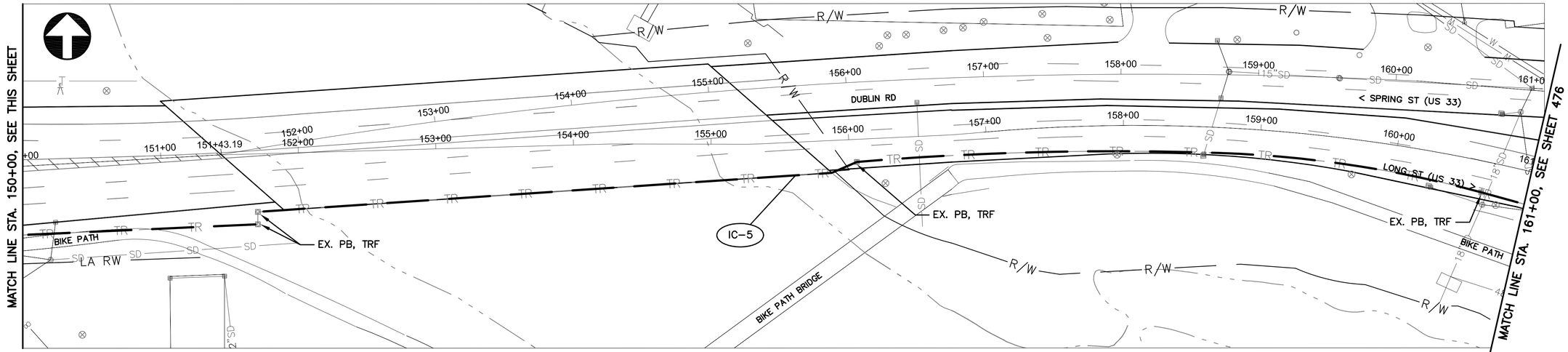
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

474
1107

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DUBLIN RD BETWEEN STATION 139+50 AND 150+00



DUBLIN RD BETWEEN STATION 150+00 AND 161+00

NOTES:

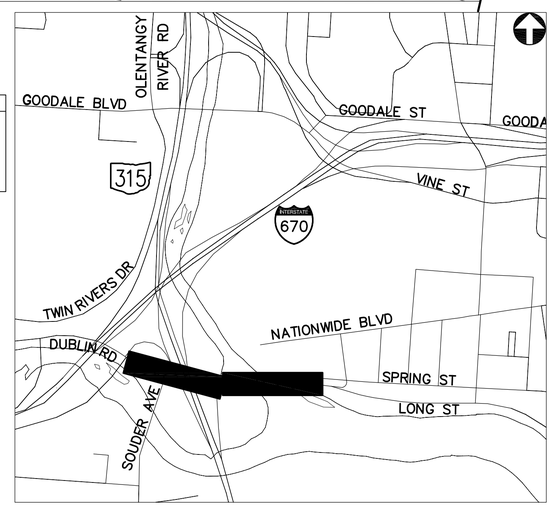
1. SEE SHEET 477 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 725 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 15.

CITY OF COLUMBUS UTILITY LEGEND

- ☒ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 376 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

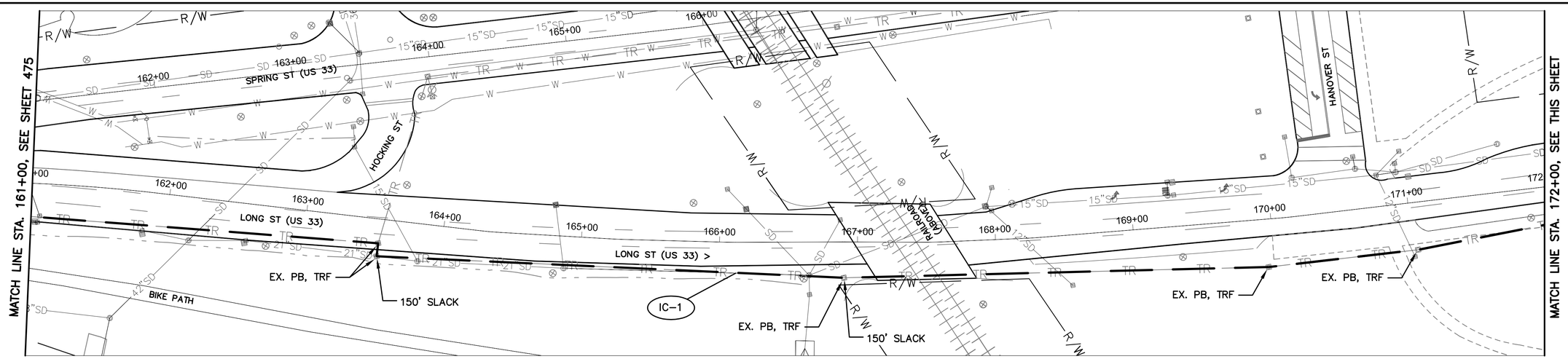
PID NUMBER 13034

INTERCONNECT PLAN
DUBLIN RD BETWEEN STA. 139+50 AND 161+00

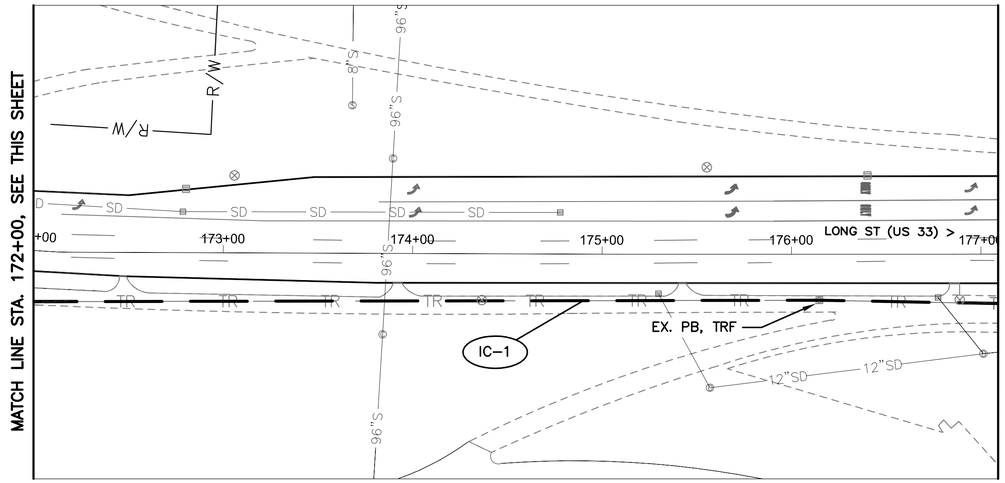
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

475
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_24_Long_Corridor.dwg – D-3 layout ~ last saved by: COI, skogantl 07/01/2015 10:08am ~ printed 07/01/2015 12:55pm



LONG ST BETWEEN STATION 161+00 AND 172+00



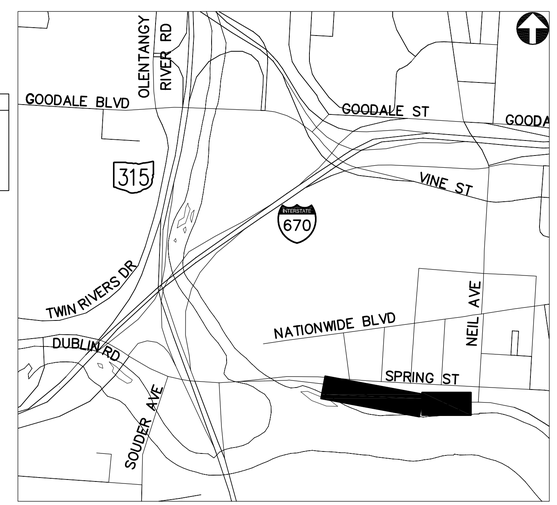
LONG ST BETWEEN STATION 172+00 AND 177+10

NOTES:

1. SEE SHEET 477 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 725 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 376 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

INTERCONNECT PLAN
LONG ST BETWEEN STA. 161+00 AND 177+10

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

476
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION FROM	STATION TO	202 EXISTING CONDUIT CLEANED, AS PER PLAN (FT)	625 CONDUIT, 3", 725.05, AS PER PLAN (FT)	625 CONDUIT, CONCRETE ENCASED, 4-3", 725.05, AS PER PLAN (FT)	625 PULL BOX, MISC.: CONCRETE, 32" (EACH)	625 TRENCH IN PAVED AREA, AS PER PLAN (FT)	625 TRENCH, 36" DEEP, AS PER PLAN (FT)	633 CONTROLLER ITEM, MISC.: FIBER OPTIC ETHERNET TRANSCEIVER (EACH)	633 CONTROLLER ITEM MISC.: LAYER 3 SWITCH EXISTING (EACH)	804 FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE (FT)	804 FIBER OPTIC CABLE, MISC.: 24 COUNT PRE-TERMINATED PATCH PANEL ASSEMBLY (EACH)	804 FIBER OPTIC CABLE, MISC.: 288 STRAND CABLE (FT)	804 FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 144 TERMINATION (EACH)	804 FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 288 TERMINATION (EACH)	804 SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN (EACH)	FUSION SPLICE, AS PER PLAN *						
DUBLIN RD: STA 95+00 TO 117+00																									
473	SE U-1	DUBLIN RD	97+40, 19' LT					1					150			1		1	24						
473	IC-1	DUBLIN RD	97+40, 19' LT	105+61, 30' LT			966	1	966				966												
473	IC-2	DUBLIN RD	105+61, 30' LT					1					150												
473	IC-3	DUBLIN RD	105+61, 30' LT	117+00, 29' LT			1139	3		1139			1139												
473	IC-4	DUBLIN RD	97+40, 19' LT	96+79, 56' LT		91		1		91			91												
473	IC-5	DUBLIN RD	96+79, 56' LT		122								400												
473			PULL BOX SLACK										50												
DUBLIN RD: STA 117+00 TO 139+50/I-670: STA 119+60 TO 122+50																									
474	IC-1	DUBLIN RD	117+00, 29' LT	117+81, 29' LT			90			90			90												
474	IC-2	DUBLIN RD	119+00					1					150												
474	IC-3	DUBLIN RD	117+81, 29' LT	123+43, 40' LT			590			590			590												
474	IC-4	DUBLIN RD	123+43, 40' LT	124+61, 42' RT	213								213												
474	SE U-1	DUBLIN RD	124+61, 42' RT										150					1	24						
474	IC-5	DUBLIN RD	124+61, 42' RT	129+31, 43' RT	470								470												
474	SE U-2	DUBLIN RD	129+31, 43' RT										150					1	24						
474	IC-6	DUBLIN RD	129+31, 43' RT	139+26, 52' RT	995								995												
474	SE U-3	DUBLIN RD	139+26, 52' RT										150		150			1	24						
474	IC-7	DUBLIN RD	139+26, 52' RT	139+50, 56' RT	24								24												
474	IC-8	DUBLIN RD	138+39, 63' LT	139+50, 56' RT	200										448										
474	IC-9	I-670	120+24, 264' RT	121+00, 93' RT		410		1		205					410										
474	IC-10	I-670	121+00, 93' RT	120+00, 47' RT	46										92										
474	SE U-4	I-670	120+00, 47' RT												150			2	576						
474			PULL BOX SLACK										90		100										
DUBLIN RD: STA 139+50 TO 161+00																									
475	IC-1	DUBLIN RD	139+50, 56' RT	144+03, 60' RT	453								453												
475	IC-2	DUBLIN RD	139+50, 56' RT	148+94, 50' RT											1888										
475	SE U-1	DUBLIN RD	144+03, 60' RT										150					1	24						
475	IC-3	DUBLIN RD	144+03, 60' RT	148+94, 50' RT	491								491												
475	IC-4	DUBLIN RD	148+94, 50' RT	148+29, 113' RT			100	1		100			200		200										
475	SE U-2	DUBLIN RD	148+29, 113' RT										150		150			3	864						
475	CN-1	DUBLIN RD	148+35, 113' RT								6			1		2	2								
475	IC-5	DUBLIN RD	148+94, 50' RT	161+00, 24' RT	1206								1206												
475			PULL BOX SLACK										140		160										
LONG ST: STA 161+00 TO 177+10																									
476	IC-1	LONG ST	161+00, 24' RT	177+10, 26' RT	1610								1610												
476			PULL BOX SLACK										60												
			SHEET TOTAL		5830	501	2885	10	966	2215	6	-	10478	1	3748	3	2	10	1560	-	-	-	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

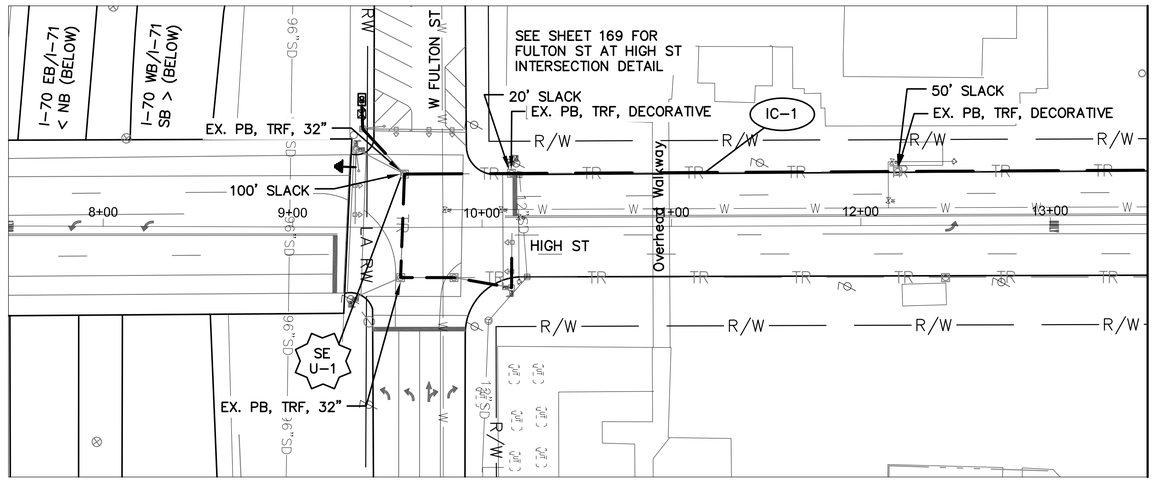
2762 DR. E

PID NUMBER 13034

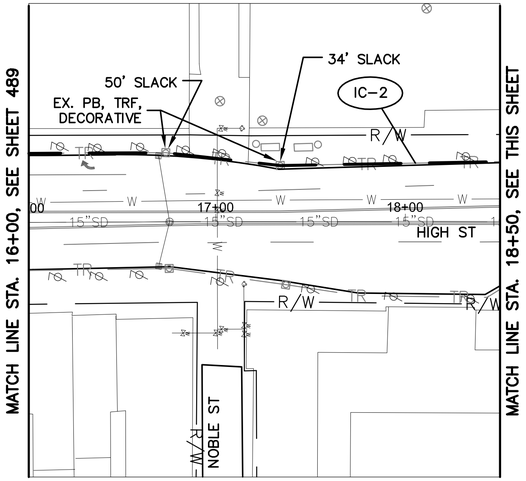
INTERCONNECT QUANTITIES–DUBLIN RD BETWEEN STA. 95+00 AND 161+00 & LONG ST BETWEEN STA. 161+00 AND 177+10

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

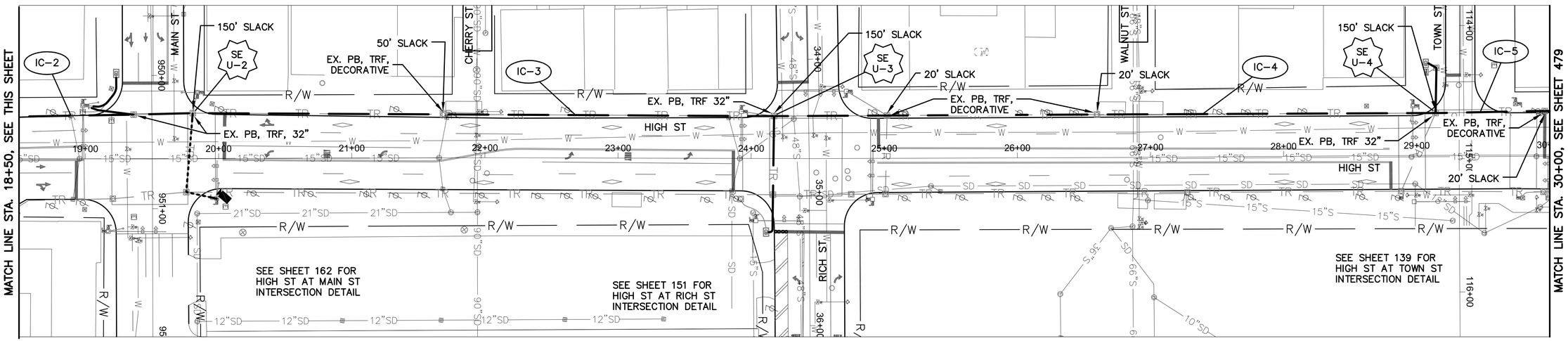
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HIGH ST BETWEEN STATION 7+50 AND 13+50



HIGH ST BETWEEN STATION 16+00 AND 18+50



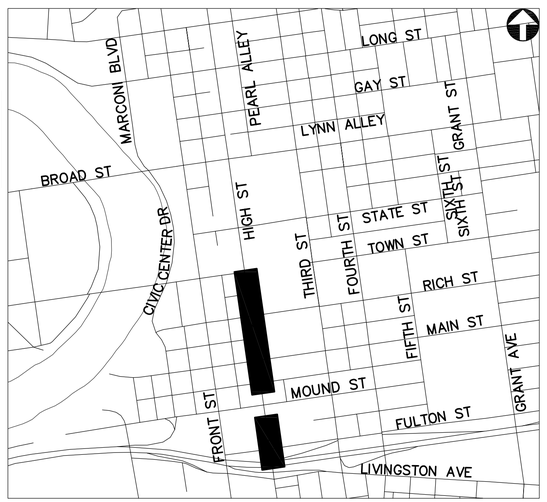
HIGH ST BETWEEN STATION 18+50 AND 30+00

NOTES:

1. SEE SHEET 481 FOR INTERCONNECT QUANTITIES.
2. SEE SHEETS 728 AND 729 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 376 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

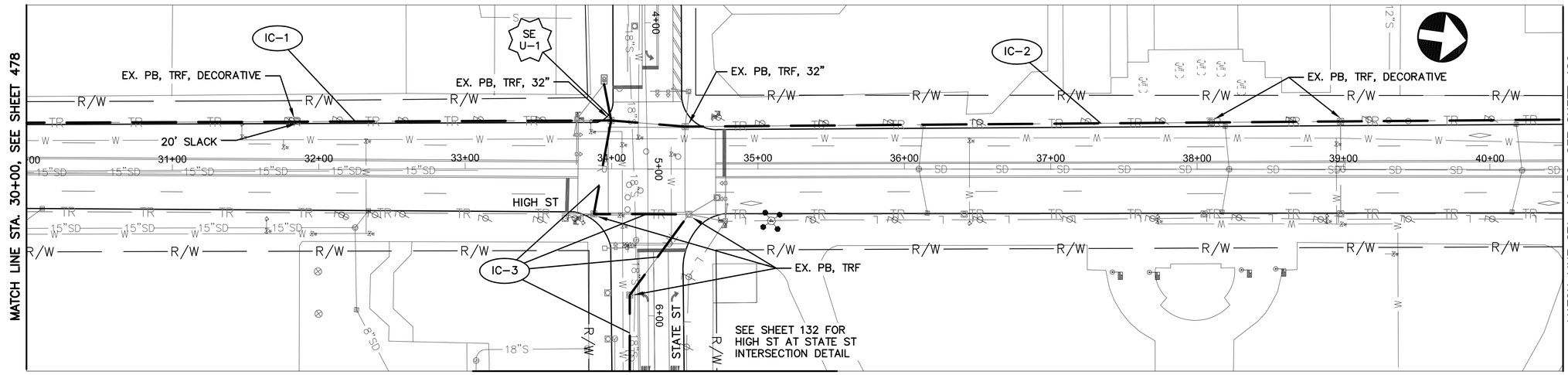
PID NUMBER 13034

INTERCONNECT PLAN
HIGH ST BETWEEN STA. 7+50 AND 13+50 & STA. 16+00 AND 30+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

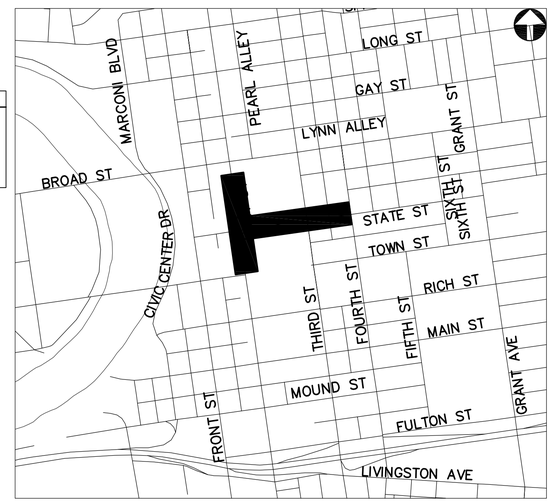
478
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_25_High_Corridor.dwg – H-1 layout ~ last saved by: CCI, sdlowry 06/23/2015 04:54pm ~ printed 07/01/2015 12:56pm



HIGH ST BETWEEN STATION 30+00 AND 40+50

STATE ST BETWEEN STATION 6+37 AND 17+50



NOTES:

1. SEE SHEET 481 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 728 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 15.

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☒ LIGHTING

REFER TO SHEET 376 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

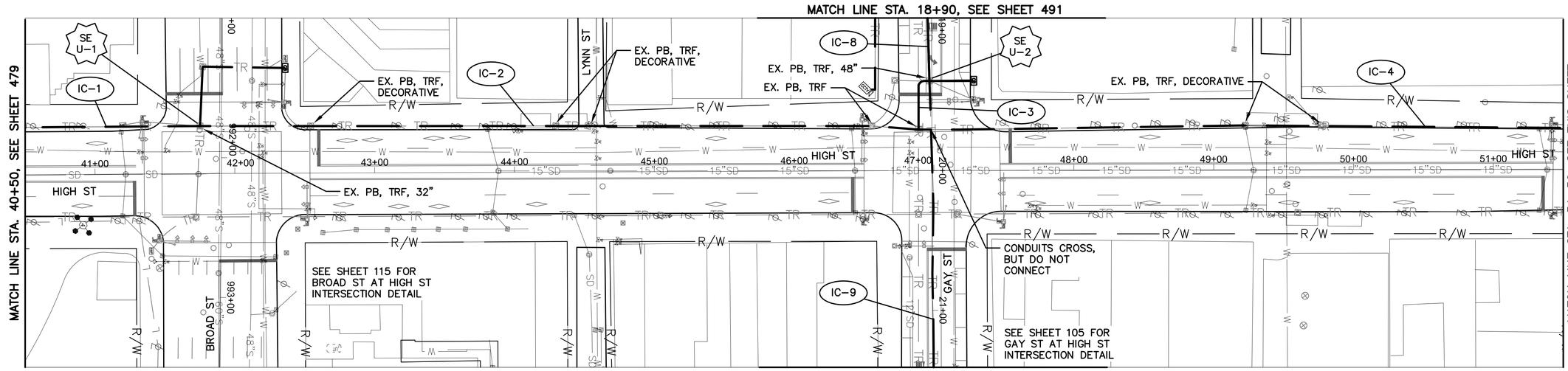
PID NUMBER 13034

INTERCONNECT PLAN
HIGH ST BTW STA. 30+00 & 40+50/STATE ST BTW STA. 6+37 & 17+50

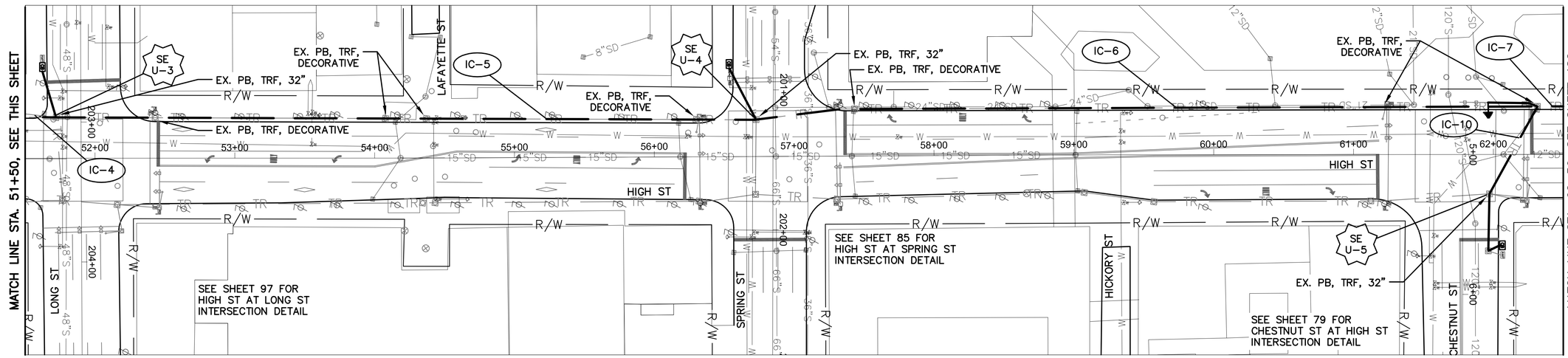
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

479
1107

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HIGH ST BETWEEN STATION 40+50 AND 51+50



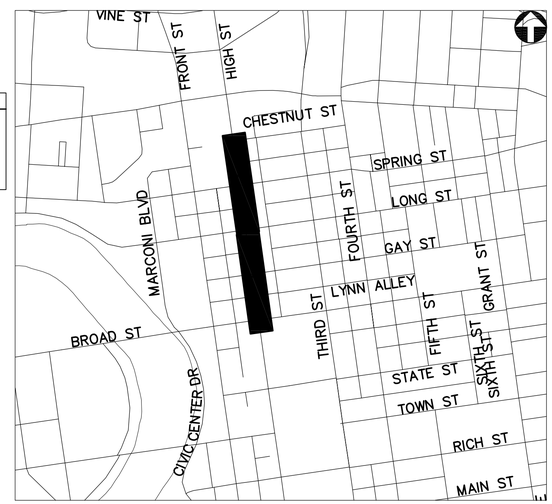
HIGH ST BETWEEN STATION 51+50 AND 62+50

NOTES:

1. SEE SHEET 481 FOR INTERCONNECT QUANTITIES.
2. SEE SHEETS 726, 727, AND 733 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 376 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

INTERCONNECT PLAN
HIGH ST BETWEEN STA. 40+50 AND 62+50

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

480
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION FROM	STATION TO	202 EXISTING CONDUIT CLEANED, APP (FT)	804 FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE (FT)	804 SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN (EACH)	FUSION SPLICE, AS PER PLAN *																	
HIGH ST: STA 7+50 TO 13+50 & 16+00 TO 30+00																									
478	SE U-1	HIGH ST	9+59, 28' LT			75	1	12																	
478	IC-1	HIGH ST	9+59, 28' LT	13+50, 29' LT	392	392																			
478	IC-2	HIGH ST	16+00, 37' LT	19+81, 34' LT	380	380																			
478	SE U-2	HIGH ST	19+81, 34' LT			150	1	24																	
478	IC-3	HIGH ST	19+81, 34' LT	24+17, 32' LT	437	437																			
478	SE U-3	HIGH ST	24+17, 32' LT			150	1	24																	
478	IC-4	HIGH ST	24+17, 32' LT	29+14, 32' LT	497	497																			
478	SE U-4	HIGH ST	29+14, 32' LT			150	1	24																	
478	IC-5	HIGH ST	29+14, 32' LT	30+00, 33' LT	86	86																			
478			PULL BOX SLACK			10																			
HIGH ST: STA 30+00 TO 40+50/STATE ST: STA 6+37 TO 17+50																									
479	IC-1	HIGH ST	30+00, 33' LT	34+00, 33' LT	400	400																			
479	SE U-1	HIGH ST	34+00, 33' LT			225	1	132																	
479	IC-2	HIGH ST	34+00, 33' LT	40+50, 34' LT	651	651																			
479	IC-3	STATE ST	4+66, 24' RT	12+83, 20' RT	887	887																			
479	SE U-2	STATE ST	12+83, 20' RT			75	1	12																	
479			PULL BOX SLACK			40																			
HIGH ST: STA 40+50 TO 62+50																									
480	IC-1	HIGH ST	40+50, 34' LT	41+75, 34' LT	125	125																			
480	SE U-1	HIGH ST	41+75, 34' LT			150	1	24																	
480	IC-2	HIGH ST	41+75, 34' LT	46+89, 29' LT	514	514																			
480	IC-3	HIGH ST	46+89, 29' LT	46+97, 64' LT	41	82																			
480	SE U-2	HIGH ST	46+97, 64' LT			300	1	216																	
480	IC-4	HIGH ST	46+89, 29' LT	51+72, 29' LT	461	461																			
480	SE U-3	HIGH ST	51+72, 29' LT			150	1	24																	
480	IC-5	HIGH ST	51+72, 29' LT	56+73, 26' LT	501	501																			
480	SE U-4	HIGH ST	56+73, 26' LT			150	1	24																	
480	IC-6	HIGH ST	56+73, 26' LT	62+32, 34' LT	559	559																			
480	SE U-5	HIGH ST	61+97, 28'RT			150	1	24																	
480	IC-7	HIGH ST	62+32, 34' LT	62+50, 34' LT	18	18																			
480	IC-8	GAY ST	18+90, 03' RT	19+36, 02' RT	45	45																			
480	IC-9	GAY ST	19+36, 02' RT	21+40, 01' LT	205	205																			
480	IC-10	HIGH ST	62+32, 34' LT	61+97, 28'RT	71	143																			
480			PULL BOX SLACK			20																			
			SHEET TOTAL		6270	8178	11	540	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

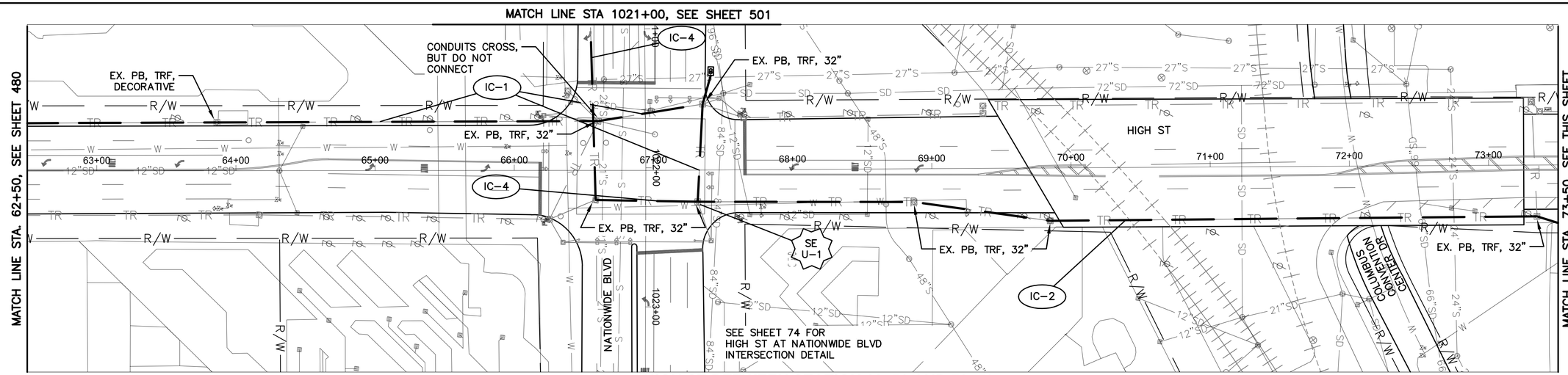
2762 DR. E

PID NUMBER 13034

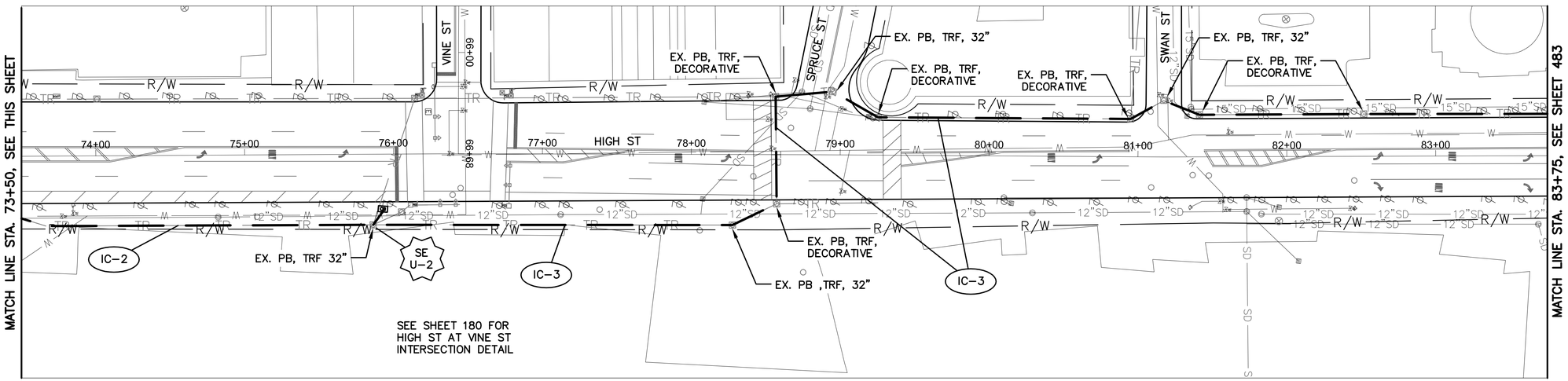
INTERCONNECT QUANTITIES – HIGH ST BETWEEN STA. 7+50 AND 62+50 & STATE ST BETWEEN 6+37 AND 17+50

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

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HIGH ST BETWEEN STATION 62+50 AND 73+50



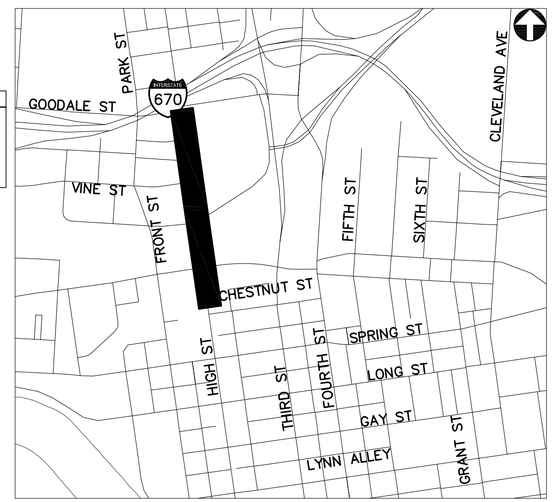
HIGH ST BETWEEN STATION 73+50 AND 83+75

NOTES:

1. SEE SHEET 484 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 733 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 376 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

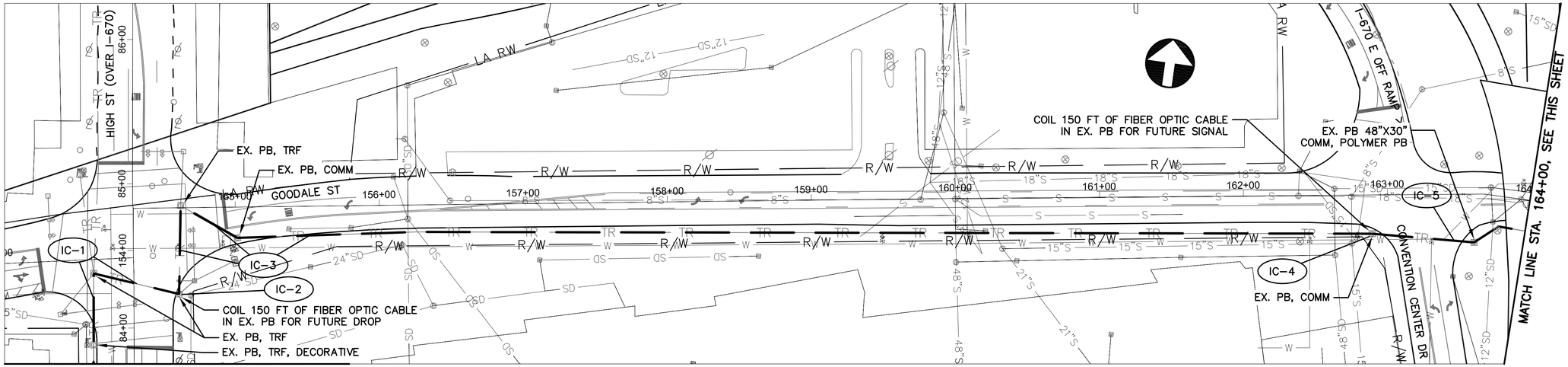
PID NUMBER 13034

INTERCONNECT PLAN
HIGH ST BETWEEN STA. 62+50 AND 83+75

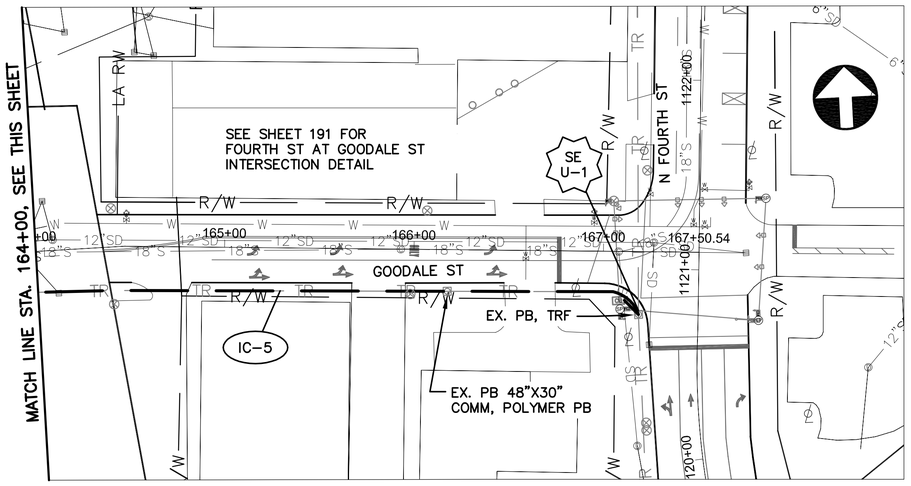
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

482
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_25_High_Corridor.dwg ~ H-4 layout ~ last saved by: CCI, sdlowry 06/23/2015 04:54pm ~ printed 07/01/2015 12:58pm



GOODALE BLVD BETWEEN STATION 153+00 AND 164+00



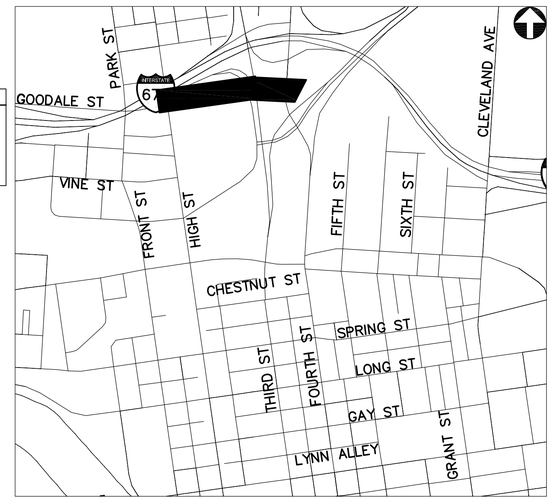
GOODALE BLVD BETWEEN STATION 164+00 AND 167+50

NOTES:

1. SEE SHEET 484 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 733 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 376 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

INTERCONNECT PLAN
GOODALE BLVD BETWEEN STA. 153+00 AND 167+50

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

483
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_25_High_Corridor.dwg - H-5 layout ~ last saved by: COI, sdlowry 06/23/2015 04:54pm ~ printed 07/01/2015 12:58pm

ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION FROM	STATION TO	EXISTING CONDUIT CLEANED, APP	FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE	SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN	FUSION SPLICE, AS PER PLAN *																	
					202	804	804																		
			FROM	TO	FT	FT	EACH																		
HIGH ST: STA 62+50 TO 83+75																									
482	IC-1	HIGH ST	62+50, 34' LT	67+32, 23' RT	556	556																			
482	SE U-1	HIGH ST	67+32, 23' RT			225	1	168																	
482	IC-2	HIGH ST	67+32, 23' RT	75+86, 47' RT	857	857																			
482	SE U-2	HIGH ST	75+86, 47' RT			150	1	24																	
482	IC-3	HIGH ST	75+86, 47' RT	83+75, 28' LT	875	875																			
482	IC-4	NATIONWIDE BLVD	1021+00, 39' RT	1022+24, 37' LT	199	199																			
482			PULL BOX SLACK			100																			
GOODALE BLVD: STA 153+00 TO 167+50																									
483	IC-1	HIGH ST	83+75, 28' LT	84+23, 31'RT	123	123																			
483	SE U-1	GOODALE ST	167+19, 33' RT			150	1	24																	
483	IC-2	GOODALE ST	154+60, 60' RT			150																			
483	IC-3	GOODALE ST	154+60, 60' RT	162+89, 27' RT	894	894																			
483	IC-4	GOODALE ST	162+89, 27' RT			150																			
483	IC-5	GOODALE ST	162+89, 27' RT	167+19, 33' RT	431	431																			
483			PULL BOX SLACK			40																			
			SHEET TOTAL		3935	4900	3	216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

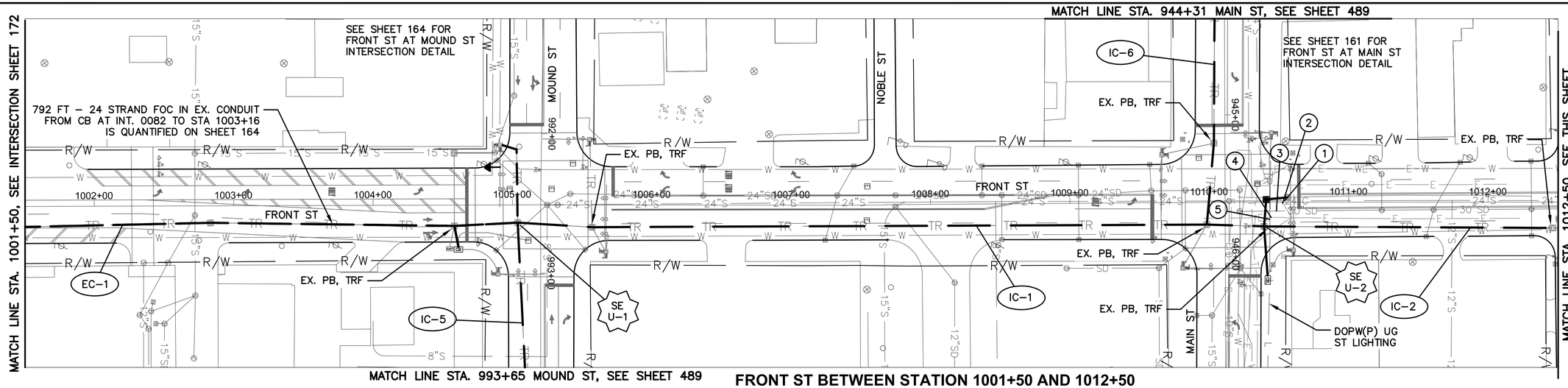
2762 DR. E

PID NUMBER 13034

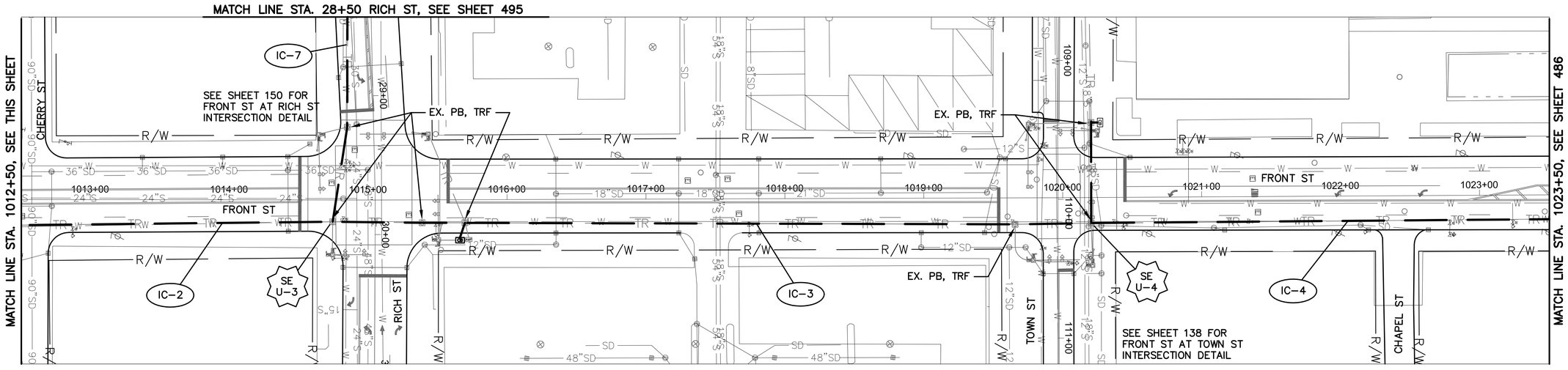
INTERCONNECT QUANTITIES–HIGH ST BTW STA. 62+50 AND 83+75, GOODALE STA. 153+00 AND 167+36, FOURTH STA. 1098+50 AND 1120+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

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FRONT ST BETWEEN STATION 1001+50 AND 1012+50



FRONT ST BETWEEN STATION 1012+50 AND 1023+50

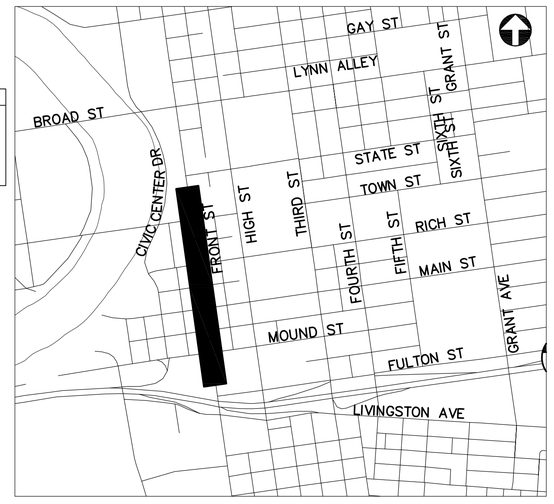
NOTES:

1. SEE SHEET 488 FOR INTERCONNECT QUANTITIES.
2. SEE SHEETS 728 & 729 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- ☒ SEWER
- ☒ WATER
- ☒ POWER
- ☒ LIGHTING



REFER TO SHEET 376 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

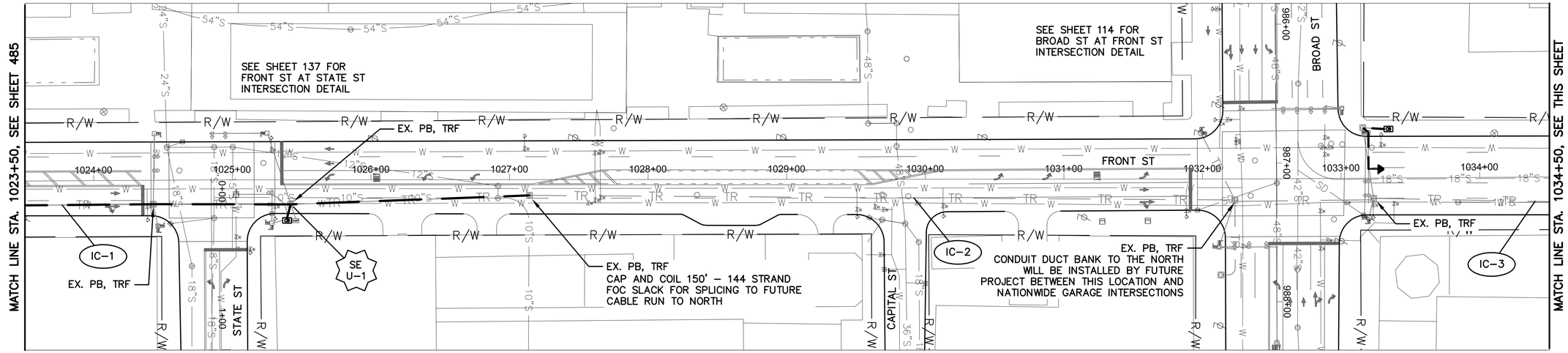
PID NUMBER 13034

INTERCONNECT PLAN
FRONT ST BETWEEN STA. 1001+50 AND 1023+50

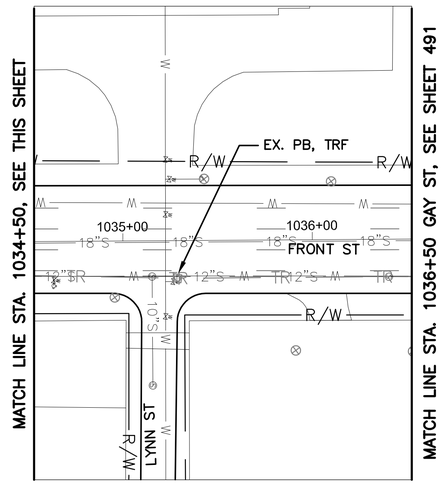
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

485
1107

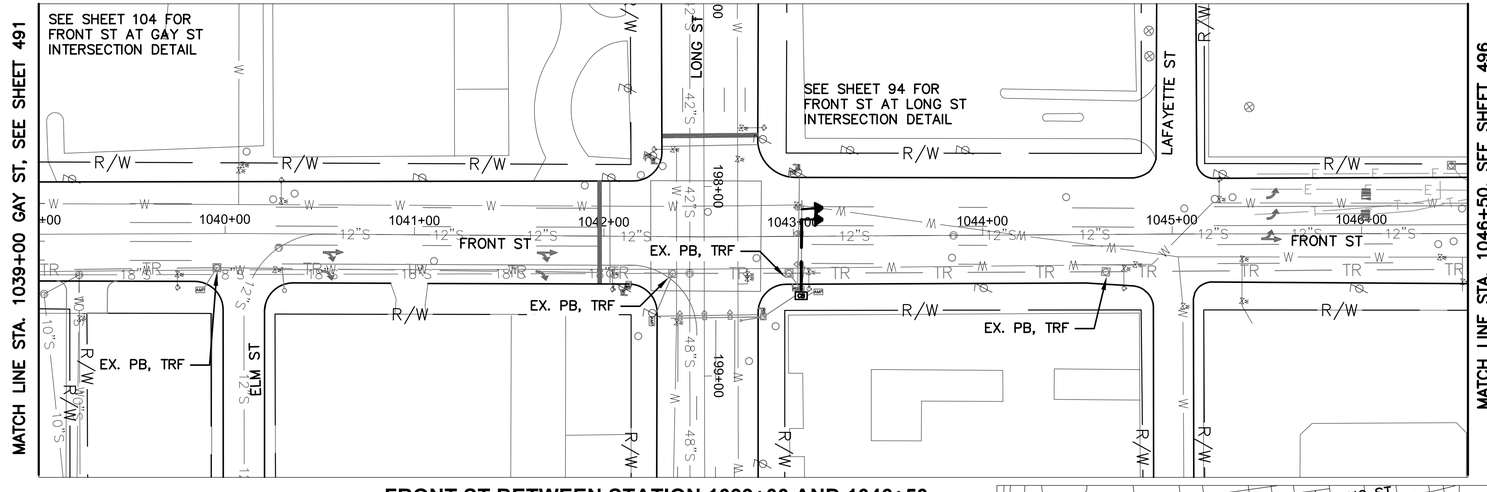
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FRONT ST BETWEEN STATION 1023+50 AND 1034+50



FRONT ST BETWEEN STATION 1034+50 AND 1036+50



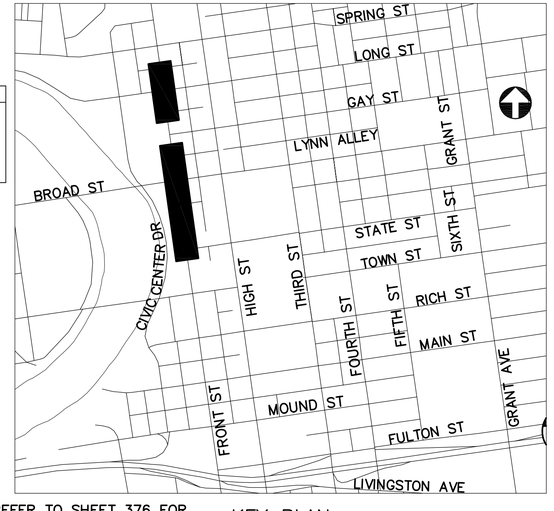
FRONT ST BETWEEN STATION 1039+00 AND 1046+50

NOTES:

1. SEE SHEET 488 FOR INTERCONNECT QUANTITIES.
2. SEE SHEETS 728, 727, AND 726 FOR COMMUNICATION DETAILS.

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CALL TOLL FREE 800-362-2764
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CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 376 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

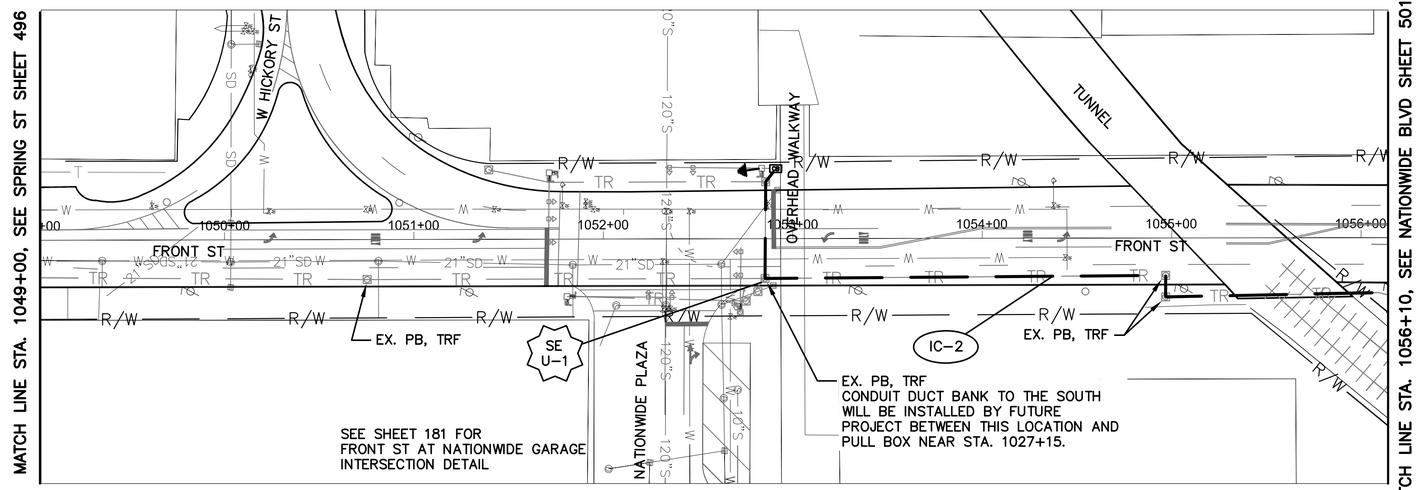
INTERCONNECT PLAN – FRONT ST BETWEEN STA. 1023+50 AND 1036+50 & BETWEEN STA. 1039+00 AND 1046+50

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

486
1107

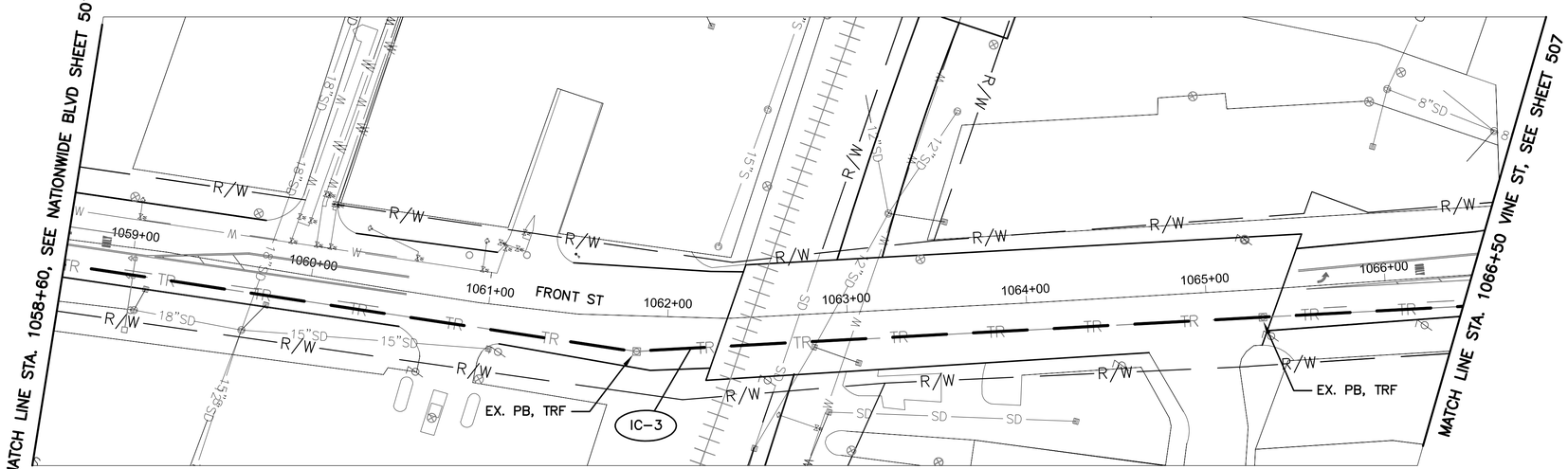
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SEE SHEET 83 FOR
FRONT ST AT SPRING ST
INTERSECTION DETAIL



FRONT ST BETWEEN STATION 1049+00 AND 1056+10

SEE SHEET 73 FOR
FRONT ST AT NATIONWIDE BLVD
INTERSECTION DETAIL



FRONT ST BETWEEN STATION 1058+60 AND 1066+50

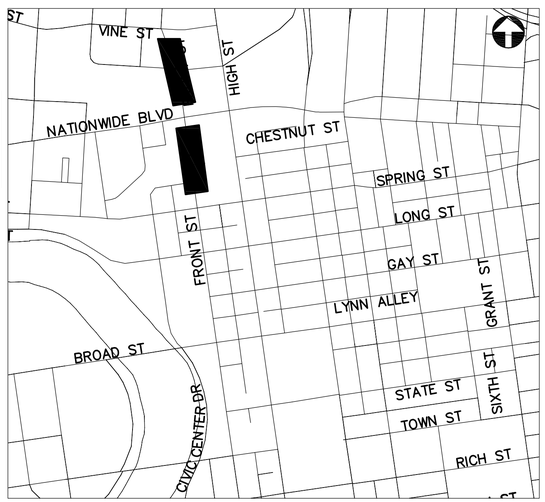
SEE SHEET 179 FOR
FRONT ST AT VINE ST
INTERSECTION DETAIL

NOTES:

1. SEE SHEET 488 FOR INTERCONNECT QUANTITIES.
2. SEE SHEETS 733 AND 724 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
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CITY OF COLUMBUS
UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 376 FOR
INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER
13034

INTERCONNECT PLAN – FRONT ST BETWEEN STA 1049+00 AND 1056+10
& 1058+60 TO 1066+50

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

487
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_26_Front_Corridor.dwg – F-3 layout ~ last saved by: CCI, skoganti 07/01/2015 12:40pm ~ printed 07/01/2015 12:59pm

ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION FROM	STATION TO	202 EXISTING CONDUIT CLEANED, APP (FT)	632 INTERCONNECT CABLE, MISC: RG-6 COAXIAL CABLE (FT)	804 FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE (FT)	804 SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN (EACH)	FUSION SPLICE, AS PER PLAN *
FRONT ST: STA 1001+50 TO 1023+50									
485	EC-1	FRONT ST	1001+50, 15' RT	1003+16, 13' RT	166	166			
485	SE U-1	FRONT ST	1005+04, 13' RT				150	1	24
485	IC-1	FRONT ST	1005+16, 15' RT	1010+39, 17' RT	523		523		
485	SE U-2	FRONT ST	1010+39, 17' RT				225	1	156
485	IC-2	FRONT ST	1010+39, 17' RT	1014+75, 16' RT	433		433		
485	SE U-3	FRONT ST	1014+75, 16' RT				225	1	156
485	IC-3	FRONT ST	1014+75, 16' RT	1020+20, 18' RT	546		546		
485	SE U-4	FRONT ST	1020+20, 18' RT				150	1	24
485	IC-4	FRONT ST	1020+20, 18' RT	1023+50, 18' RT	330		330		
485	IC-5	MOUND ST	992+64, 17' RT	993+65, 11' RT	104		104		
485	IC-6	MAIN ST	944+31, 07' RT	945+80, 30' RT	148		148		
485	IC-7	RICH ST	28+43, 17' RT	29+91, 34' LT	148		148		
485			PULL BOX SLACK				80		
FRONT ST: STA 1023+50 TO 1036+50 & 1039+00 TO 1046+50									
486	IC-1	FRONT ST	1023+50, 18' RT	1025+42, 18' RT	192		192		
486	SE U-1	FRONT ST	1025+42, 18' RT				150	1	24
486	IC-2	FRONT ST	1025+42, 18' RT	1033+23, 15' RT	781		781		
486	SE U-2	FRONT ST	1033+23, 15' RT				150	1	24
486	IC-3	FRONT ST	1033+23, 15' RT	1036+50, 18' RT	327		327		
486	IC-4	FRONT ST	1039+00, 19' RT	1042+98, 19' RT	396		396		
486	SE U-3	FRONT ST	1042+98, 19' RT				150	1	24
486	IC-5	FRONT ST	1042+98, 19' RT	1046+50, 19' RT	358		358		
486			PULL BOX SLACK				70		
FRONT ST: STA 1049+00 TO 1056+10 & 1058+60 TO 1066+50									
487	IC-1	FRONT ST	1049+00, 25' RT	1052+85, 21' RT	382		382		
487	SE U-1	FRONT ST	1052+85, 21' RT				150	1	24
487	IC-2	FRONT ST	1052+85, 21' RT	1056+10, 30' RT	340		340		
487	IC-3	FRONT ST	1058+60, 14' RT	1066+50, 17' RT	788		788		
487			PULL BOX SLACK				50		
			SHEET TOTAL		5962	166	7346	8	456

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

2762 DR. E

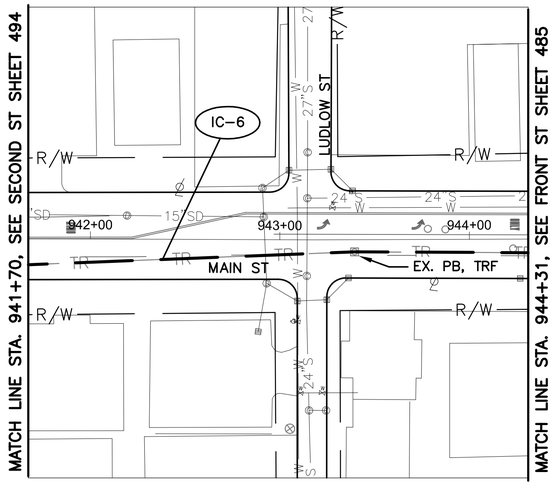
PID NUMBER 13034

INTERCONNECT QUANTITIES
FRONT ST BETWEEN STA. 990+50 AND 1056+15

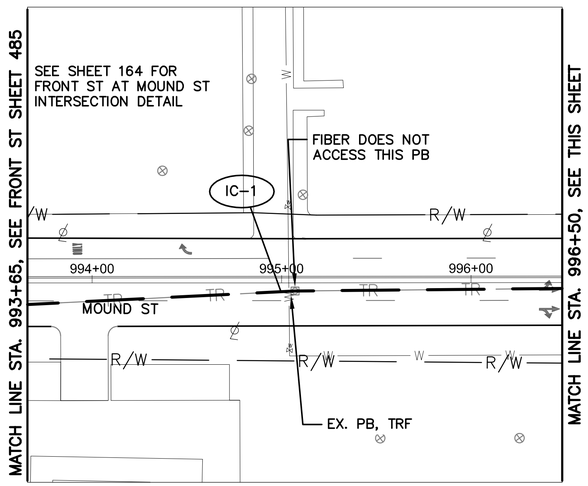
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

488
1107

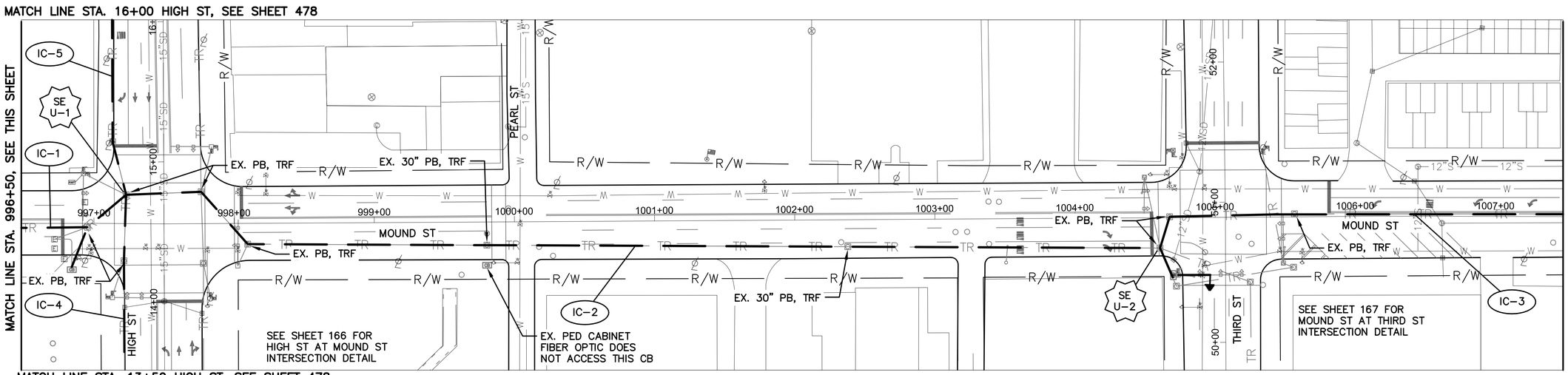
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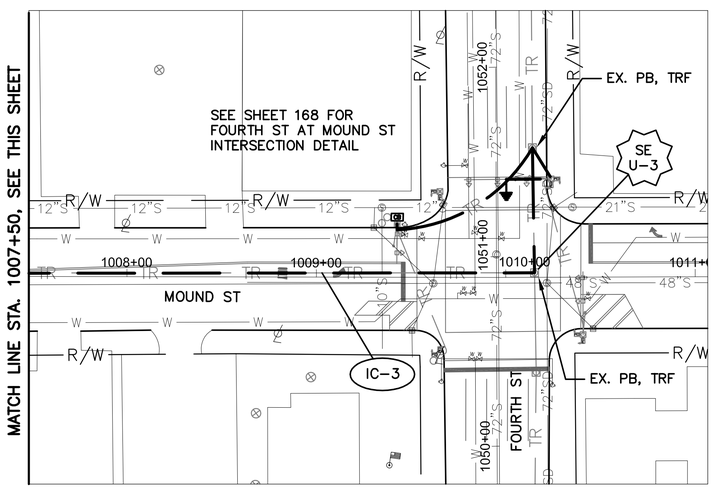
MAIN ST BETWEEN STATION 941+70 AND 944+31



MOUND ST BETWEEN STATION 993+65 AND 996+50



MOUND ST BETWEEN STATION 996+50 AND 1007+50



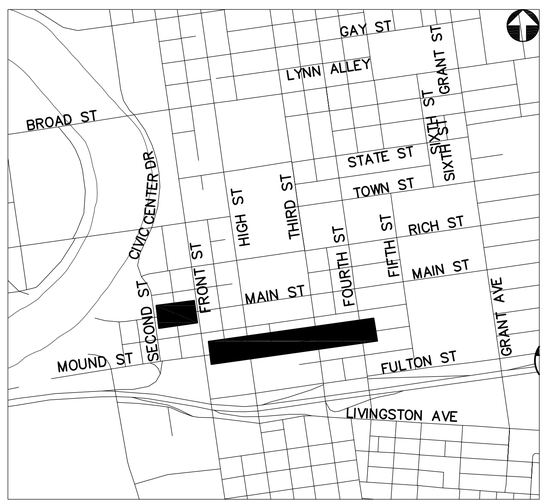
MOUND ST BETWEEN STATION 1007+50 AND 1011+05

NOTES:

1. SEE SHEET 490 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 729 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 376 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

INTERCONNECT PLAN – MOUND ST BETWEEN STA. 993+65 AND 1011+05 & MAIN ST BETWEEN STA. 941+70 AND 944+31

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

489
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION FROM	STATION TO	202 EXISTING CONDUIT CLEANED, APP	804 FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE	804 SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN	FUSION SPLICE, AS PER PLAN *																	
					FT	FT	EACH																		
MOUND ST: STA 993+65 TO 1011+05/MAIN ST: STA 941+70 TO 944+31																									
489	IC-1	MOUND ST	993+65, 11' RT	997+23, 21' LT	365	365																			
489	SE U-1	MOUND ST	997+23, 21' LT			300	1	228																	
489	IC-2	MOUND ST	997+23, 21' LT	1004+61, 22' RT	755	755																			
489	SE U-2	MOUND ST	1004+61, 22' RT			150	1	24																	
489	IC-3	MOUND ST	1004+61, 22' RT	1010+15, 02' LT	571	571																			
489	SE U-3	MOUND ST	1010+15, 02' LT			75	1	12																	
489	IC-4	HIGH ST	13+50, 29' LT	14+77, 27' LT	125	125																			
489	IC-5	HIGH ST	14+77, 27' LT	16+00, 36' LT	126	126																			
489	IC-6	MAIN ST	941+70, 14' RT	944+31, 07' RT	264	264																			
489			PULL BOX SLACK			80																			
			SHEET TOTAL		2206	2811	3	264	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

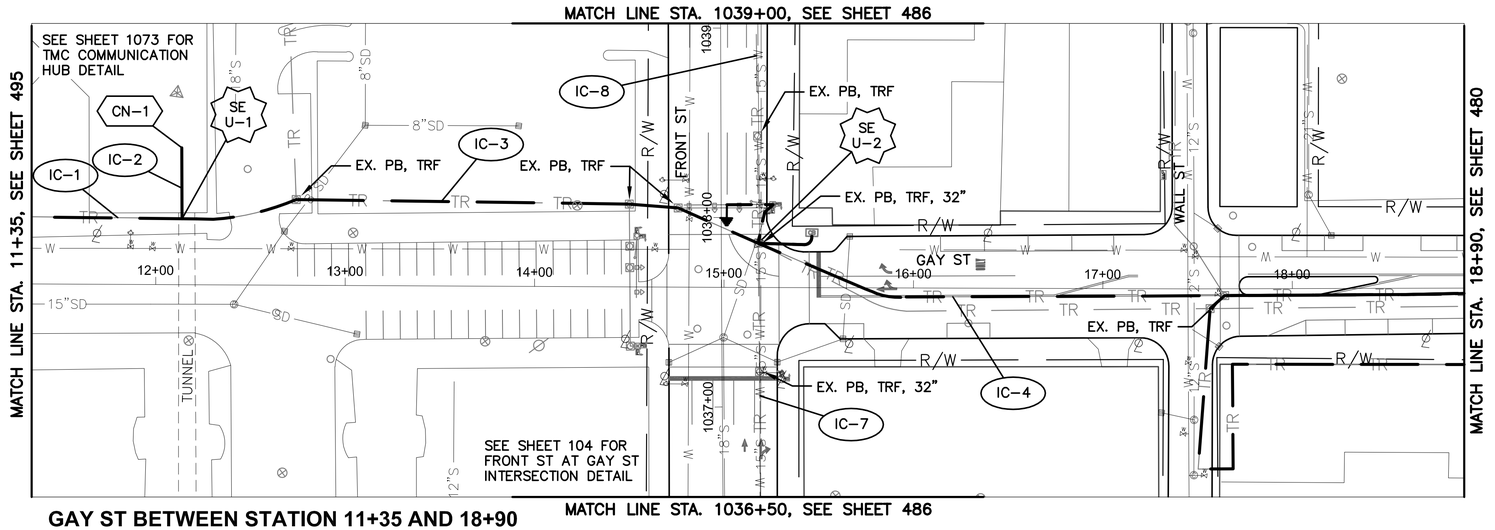
* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

PID NUMBER 13034

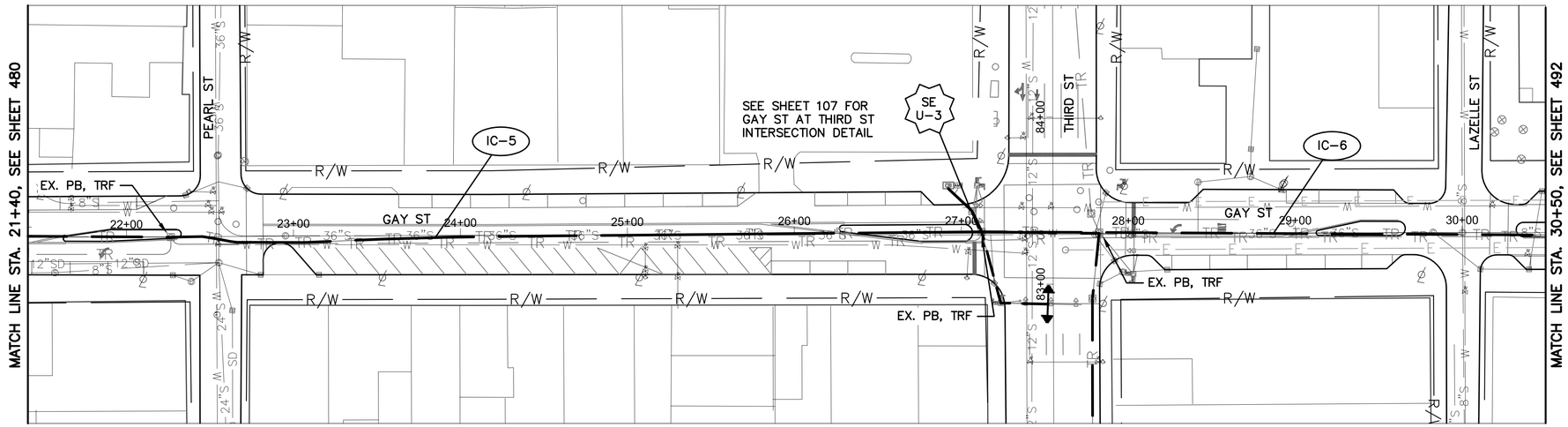
INTERCONNECT QUANTITIES – MOUND ST BTW STA. 993+65 AND 1011+05 & MAIN ST BETWEEN STA. 941+70 AND 944+50

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

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GAY ST BETWEEN STATION 11+35 AND 18+90



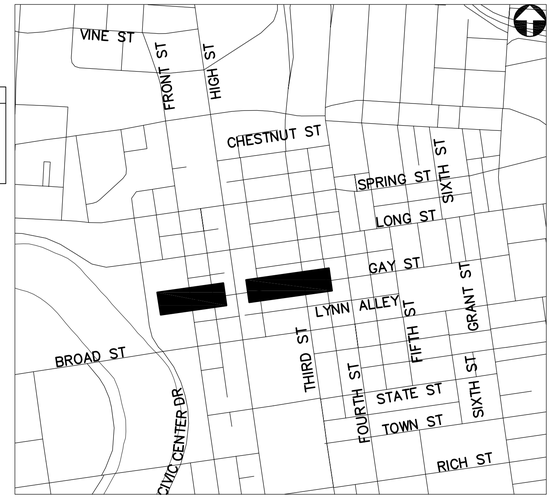
GAY ST BETWEEN STATION 21+40 AND 30+50

NOTES:

1. SEE SHEET 493 FOR INTERCONNECT QUANTITIES.
2. SEE SHEETS 727 AND 1073 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 376 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR.E

HORIZONTAL SCALE IN FEET
0 40 80

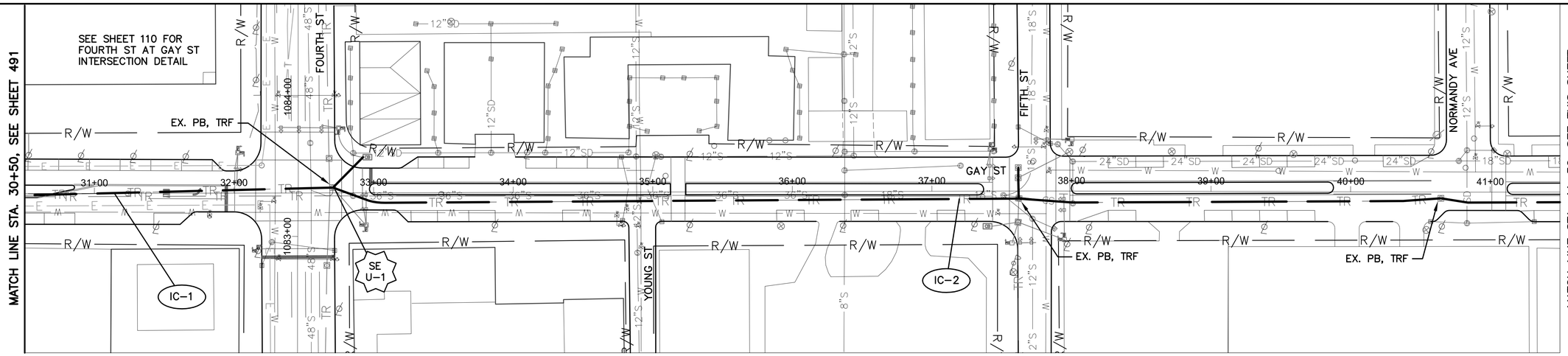
PID NUMBER 13034

INTERCONNECT PLAN
GAY ST BETWEEN STA. 11+35 AND 18+90 & STA. 21+40 AND 30+50

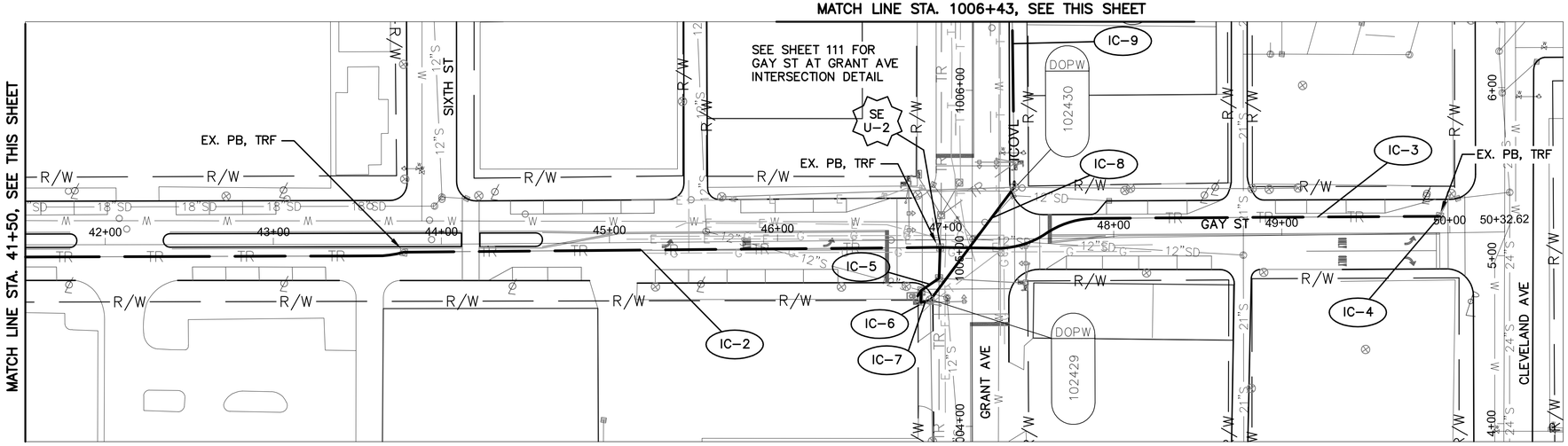
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

491
1107

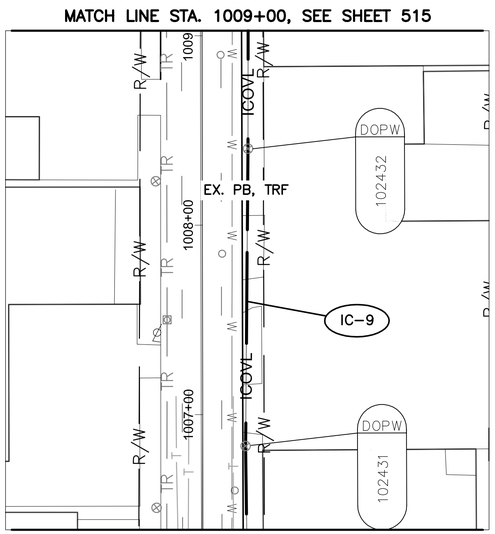
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GAY ST BETWEEN STATION 30+50 AND 41+50



GAY ST BETWEEN STATION 41+50 AND 50+33

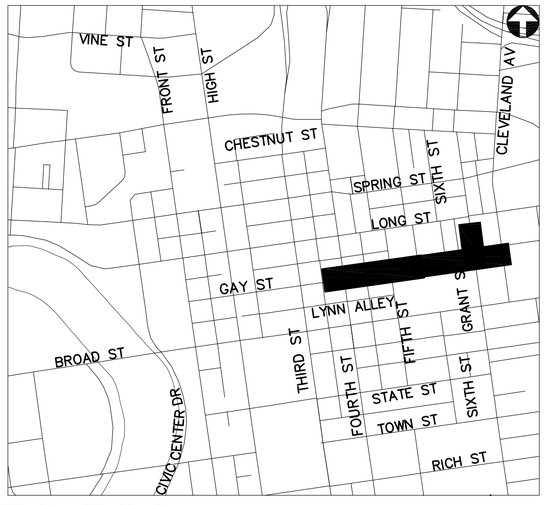


NOTES:

1. SEE SHEET 493 FOR INTERCONNECT QUANTITIES.
2. SEE SHEETS 727 AND 730 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 376 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

INTERCONNECT PLAN
BETWEEN STA. 30+50 AND 50+33

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

492
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION		202	632	633	633	804	804	804														
					EXISTING CONDUIT CLEANED, APP	MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES	CONTROLLER ITEM, MISC.: LAYER 3 ETHERNET SWITCH	INTERCONNECT, MISC.: OVERLASH TO EXISTING INTERCONNECT	FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE	FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 144 TERMINATION	SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN	FUSION SPLICE, AS PER PLAN *													
			FROM	TO	FT	FT	EACH	FT	FT	EACH	EACH														
GAY ST: STA 11+35 TO 18+90 & STA 21+40 AND 30+50																									
491	IC-1	GAY ST	11+35, 36' LT	12+14, 35' LT	79				79																
491	SE U-1	GAY ST	12+14, 35' LT						300		1	288													
491	IC-2	GAY ST	12+14, 35' LT	12+14, 72' LT	37				74																
491	CN-1	GAY ST	12+14, 72' LT				1			2															
491	IC-3	GAY ST	12+14, 35' LT	15+18, 23' LT	310				310																
491	SE U-2	GAY ST	15+18, 23' LT						300		1	216													
491	IC-4	GAY ST	15+18, 23' LT	18+90, 03' RT	378				378																
491	IC-5	GAY ST	21+40, 01' LT	27+12, 01' LT	571				571																
491	SE U-3	GAY ST	27+12, 01' LT						150		1	24													
491	IC-6	GAY ST	27+12, 01' LT	30+50, 01' RT	338				338																
491	IC-7	FRONT ST	1036+50, 20' RT	1037+86, 20' RT	134				134																
491	IC-8	FRONT ST	1037+86, 20' RT	1039+00, 19' RT	116				116																
491			PULL BOX SLACK						80																
GAY ST: STA 30+50 TO 50+33/GRANT ST: STA 1006+43 TO 1009+00																									
492	IC-1	GAY ST	30+50, 01' RT	32+71, 04' LT	221				221																
492	SE U-1	GAY ST	32+71, 04' LT						150		1	24													
492	IC-2	GAY ST	32+71, 04' LT	46+97, 05' RT	1428				1428																
492	SE U-2	GAY ST	46+97, 05' RT						150		1	72													
492	IC-3	GAY ST	46+97, 05' RT	49+94, 10' LT	302				302																
492	IC-4	GAY ST	49+94, 10' LT						75																
492	IC-5	GAY ST	46+97, 05' RT	46+88, 37' RT	40				40																
492	IC-6	GAY ST	46+88, 37' RT						35																
492	IC-7	GAY ST	46+88, 37' RT	46+94, 36' RT		6			6																
492	IC-8	GAY ST	46+94, 36' RT	47+42, 31' LT				84	84																
492	IC-9	GRANT AVE	1005+42, 25' RT	1009+00, 24' RT				362	362																
492			OVERHEAD SAG					7	7																
492			PULL BOX SLACK						30																
			SHEET TOTAL		3954	6	1	453	5720	2	5	624	-	-	-	-	-	-	-	-	-	-	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

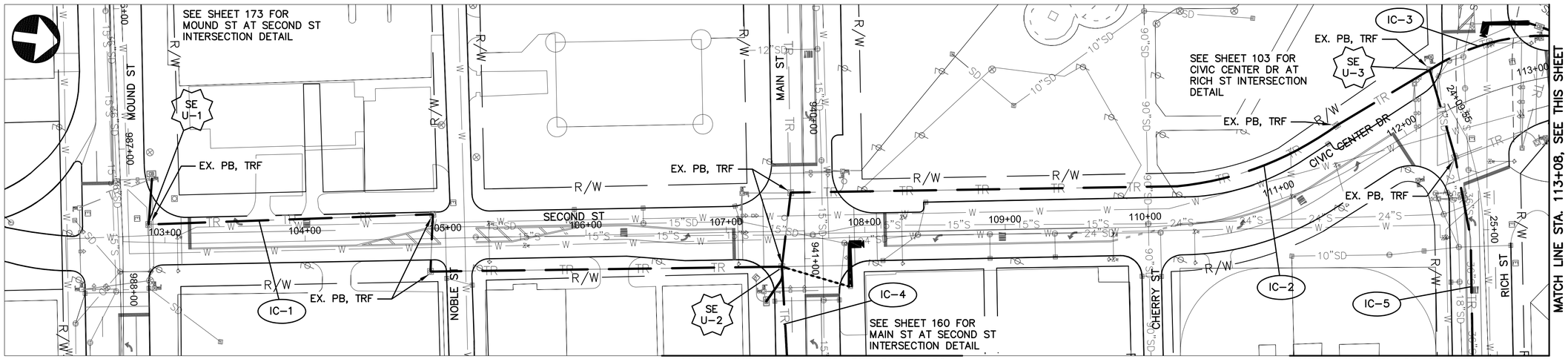
2762 DR. E

PID NUMBER 13034

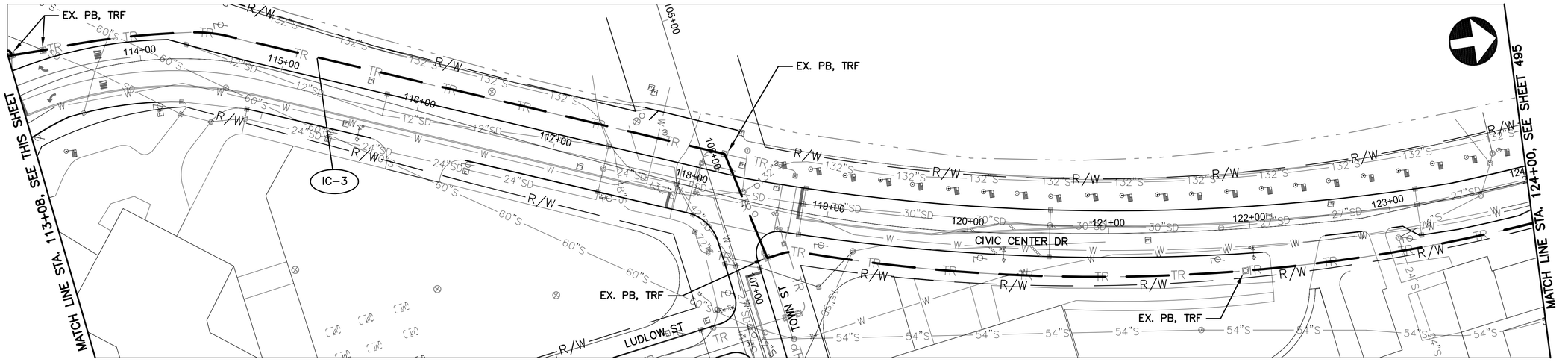
INTERCONNECT QUANTITIES
GAY ST BETWEEN STA. 11+35 AND 50+33

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

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SECOND ST/ CIVIC CENTER DR BETWEEN STATION 102+70 AND 113+08



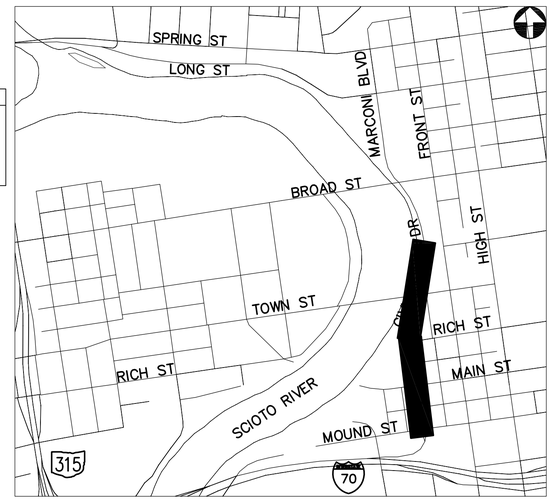
CIVIC CENTER DR BETWEEN STATION 113+08 AND 124+00

NOTES:

1. SEE SHEET 497 FOR INTERCONNECT QUANTITIES.
2. SEE SHEETS 729 AND 728 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
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CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 376 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

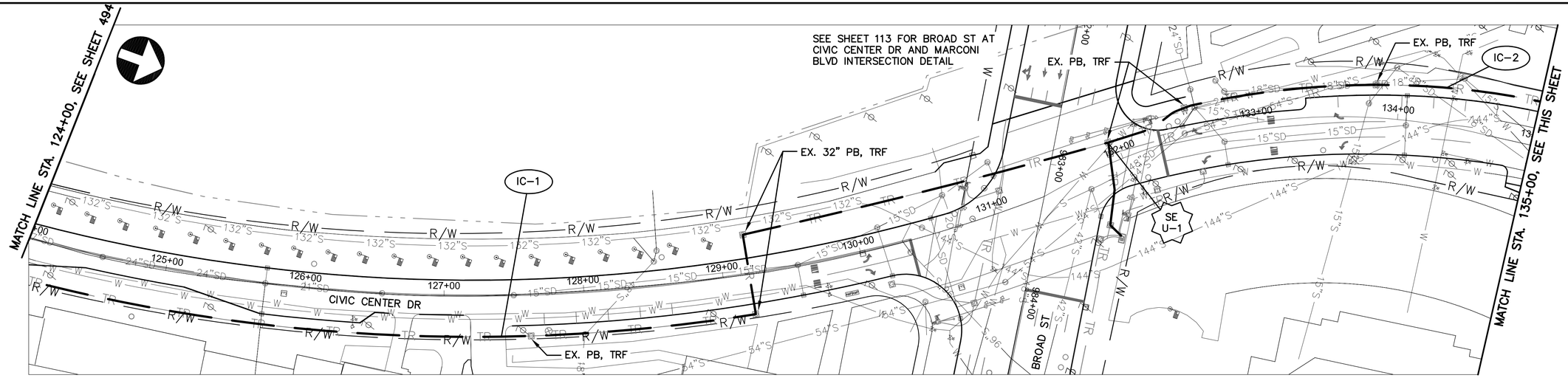
PID NUMBER 13034

INTERCONNECT PLAN
SECOND ST AND CIVIC CENTER DR BETWEEN STA. 102+70 AND 124+00

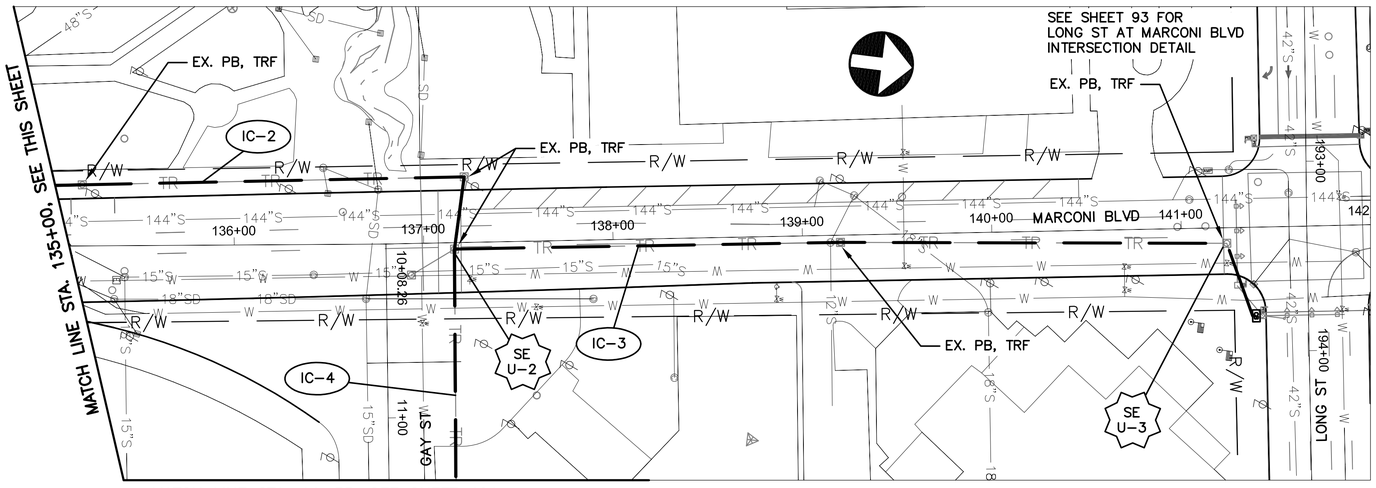
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

494
1107

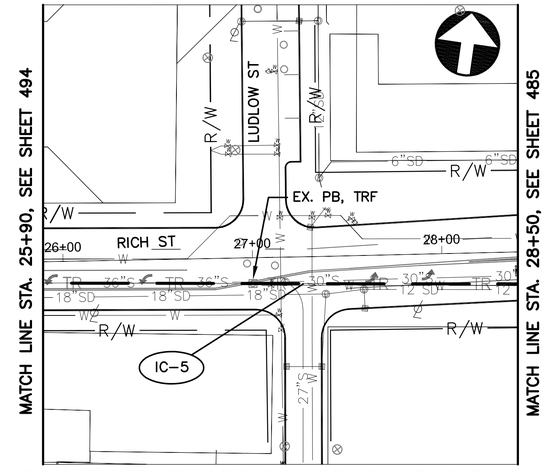
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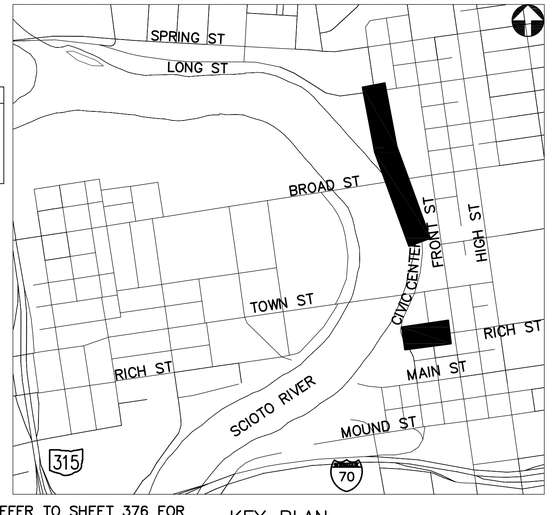
CIVIC CENTER DR BETWEEN STATION 124+00 AND 135+00



MARCONI BLVD BETWEEN STATION 135+00 AND 142+00



RICH ST BETWEEN STATION 25+90 AND 28+50



REFER TO SHEET 376 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

NOTES:

1. SEE SHEET 497 FOR INTERCONNECT QUANTITIES.
2. SEE SHEETS 726 AND 1075 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800–362–2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- SEWER
- WATER
- POWER
- LIGHTING

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

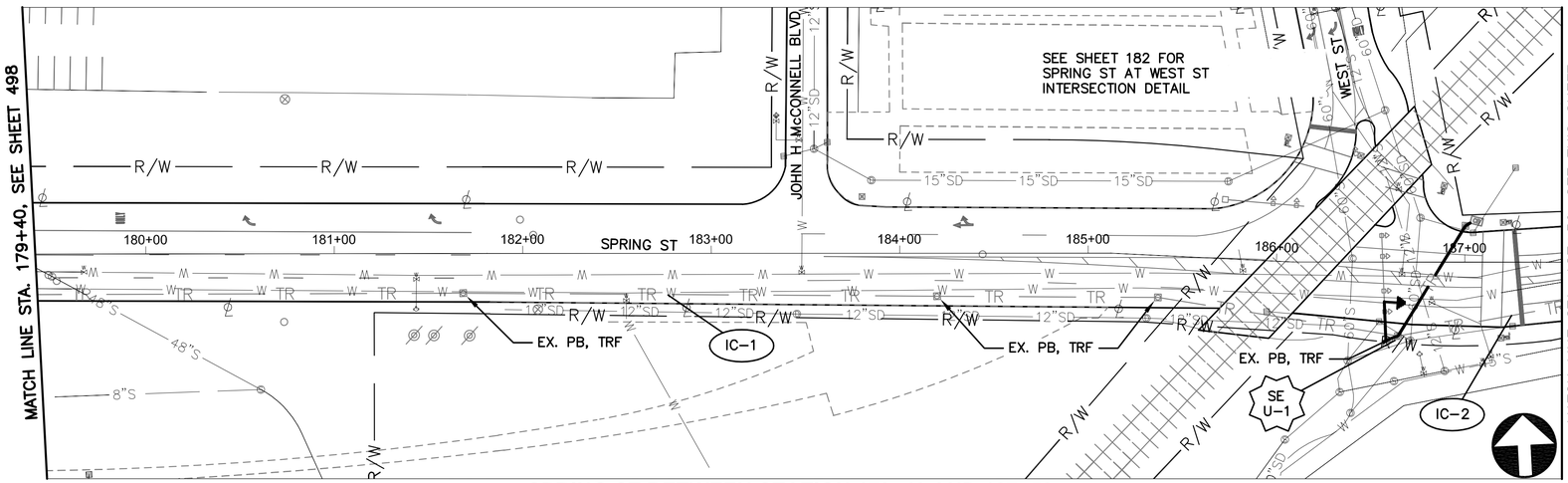
INTERCONNECT PLAN – RICH ST BETWEEN STA. 25+90 AND 28+50
CIVIC CENTER DR BETWEEN STA. 124+00 AND 142+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

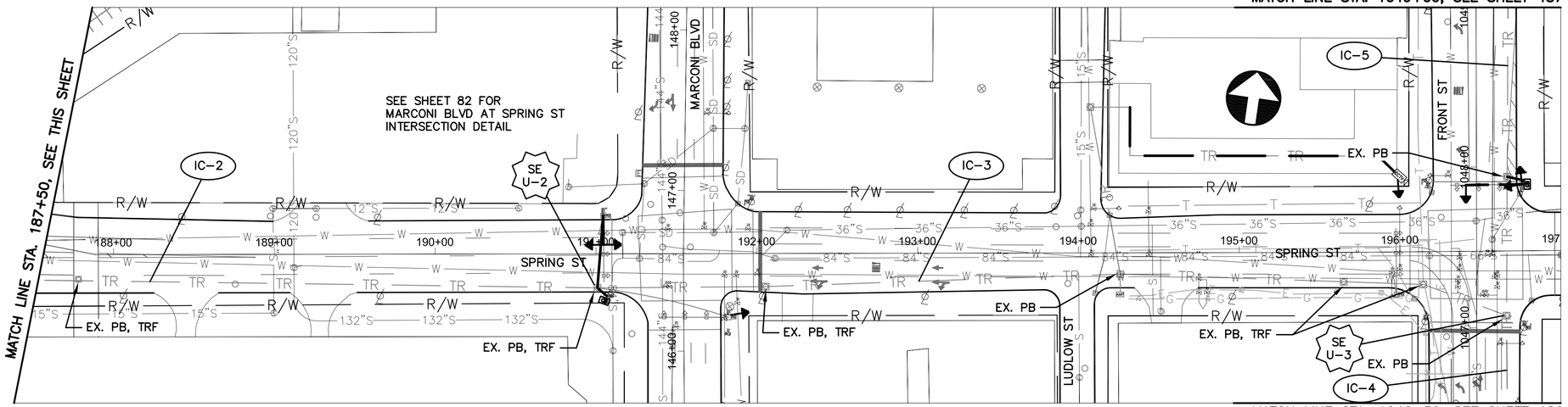
2762 DR. E

495
1107

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SPRING ST BETWEEN STATION 179+40 AND 187+50



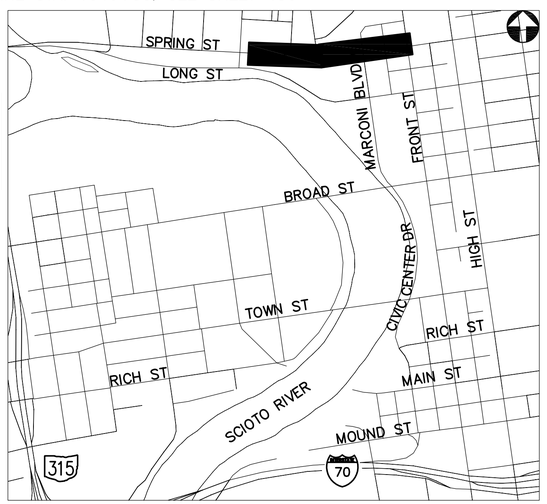
SPRING ST BETWEEN STATION 187+50 AND 197+00

NOTES:

1. SEE SHEET 497 FOR INTERCONNECT QUANTITIES.
2. SEE SHEETS 725 AND 726 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 376 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

INTERCONNECT PLAN
SPRING ST BETWEEN STA. 179+40 AND 197+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

496
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION FROM	STATION TO	202 EXISTING CONDUIT CLEANED, APP	804 FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE	804 SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN	FUSION SPLICE, AS PER PLAN *
			FT		FT	FT	EACH	
SECOND ST/CIVIC CENTER DR: STA 102+70 TO 124+00								
494	SE U-1	SECOND ST/CIVIC CENTER DR	102+88, 13' LT			75	1	12
494	IC-1	SECOND ST/CIVIC CENTER DR	102+88, 13' LT	107+40, 26' RT	495	495		
494	SE U-2	SECOND ST/CIVIC CENTER DR	107+40, 26' RT			225	1	156
494	IC-2	SECOND ST/CIVIC CENTER DR	107+40, 26' RT	112+36, 31' LT	528	528		
494	SE U-3	SECOND ST/CIVIC CENTER DR	112+36, 31' LT			225	1	156
494	IC-3	SECOND ST/CIVIC CENTER DR	112+36, 31' LT	124+00, 30' RT	1235	1235		
494	IC-4	MAIN ST	941+05, 17' RT	941+70, 14' RT	64	64		
494	IC-5	SECOND ST/CIVIC CENTER DR	112+36, 31' LT	111+59, 158' RT	207	207		
494			PULL BOX SLACK			100		
RICH ST: STA 25+90 TO 28+50/CIVIC CENTER DR: STA 124+00 TO 142+00								
495	IC-1	CIVIC CENTER DR	124+00, 30' RT	131+95, 14' LT	850	850		
495	SE U-1	CIVIC CENTER DR	131+95, 14' LT			150	1	24
495	IC-2	CIVIC CENTER DR	131+95, 14' LT	137+16, 03' RT	571	571		
495	SE U-2	MARCONI BLVD	137+16, 03' RT			225	1	12
495	IC-3	MARCONI BLVD	137+16, 03' RT	141+24, 08' RT	408	408		
495	SE U-3	MARCONI BLVD	141+24, 08' RT			75	1	12
495	IC-4	GAY ST	10+11+36' LT	11+35, 36' LT	121	121		
495	IC-5	RICH ST	25+90, 11' RT	28+50, 17' RT	260	260		
495			PULL BOX SLACK			90		
SPRING ST: STA 179+40 TO 197+00								
496	IC-1	SPRING ST	179+40, 22' RT	186+64, 39' RT	723	723		
496	SE U-1	SPRING ST	186+64, 39' RT			150	1	24
496	IC-2	SPRING ST	186+64, 39' RT	191+01, 21' RT	442	442		
496	SE U-2	SPRING ST	191+01, 21' RT			150	1	24
496	IC-3	SPRING ST	191+01, 21' RT	196+66, 40' RT	569	569		
496	SE U-3	SPRING ST	196+66, 40' RT			225	1	156
496	IC-4	FRONT ST	1046+50, 19' RT	1047+08, 19' RT	58	58		
496	IC-5	FRONT ST	1047+08, 19' RT	1049+00, 25' RT	191	191		
496			PULL BOX SLACK			90		
			SHEET TOTAL		6722	8502	9	576

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

2762 DR. E

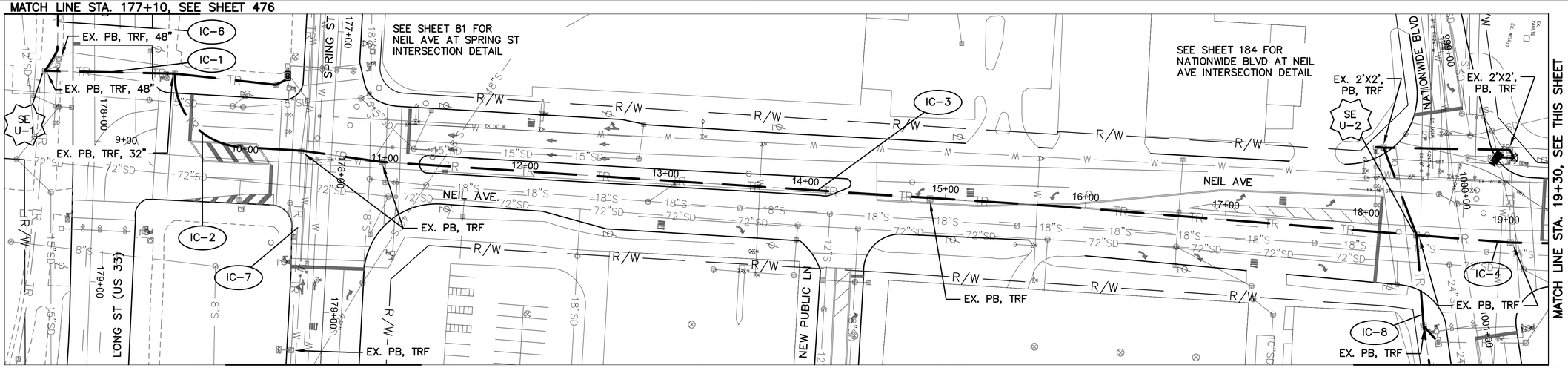
PID NUMBER 13034

INTERCONNECT QUANTITIES–CIVIC CENTER BTW STA.102+70 AND 146+00 & SPRING ST BETWEEN STA. 179+40 AND 197+00

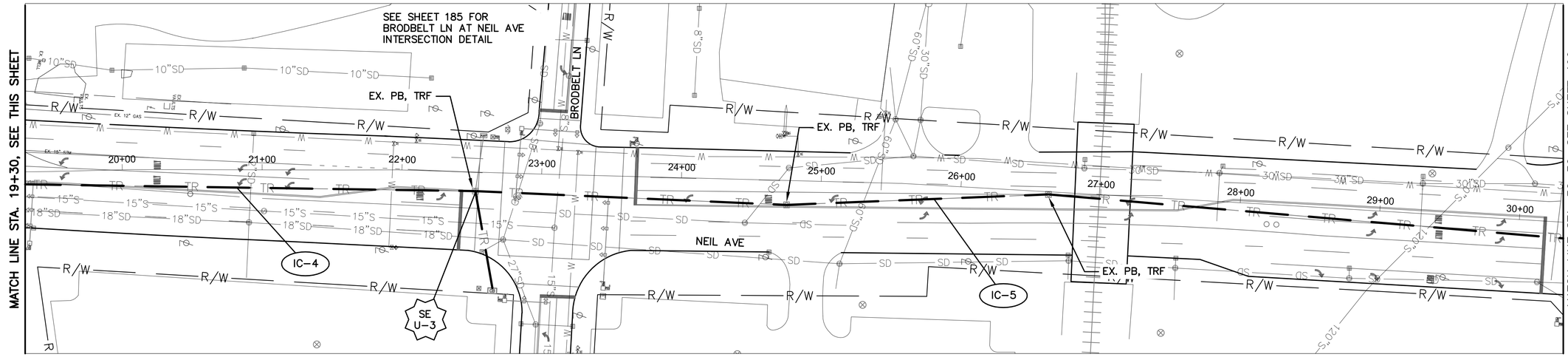
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

497
1107

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NEIL AVE BETWEEN STATION 9+00 AND 19+30



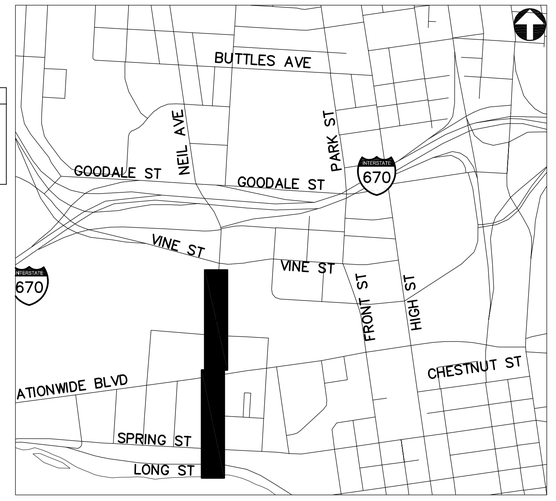
NEIL AVE BETWEEN STATION 19+30 AND 30+30

NOTES:

1. SEE SHEET 500 FOR INTERCONNECT QUANTITIES.
2. SEE SHEETS 725 AND 724 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
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CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 376 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762DR.E

HORIZONTAL SCALE IN FEET
0 40 80

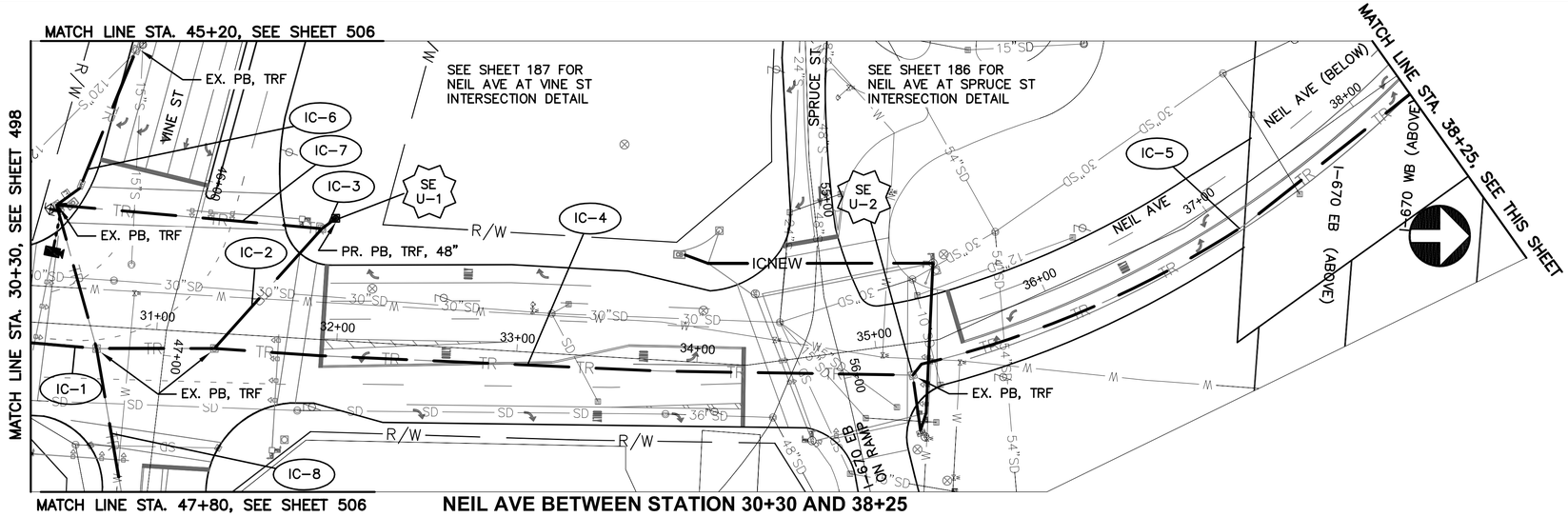
PID NUMBER 13034

INTERCONNECT PLAN
NEIL AVE BETWEEN STA. 9+00 AND 30+30

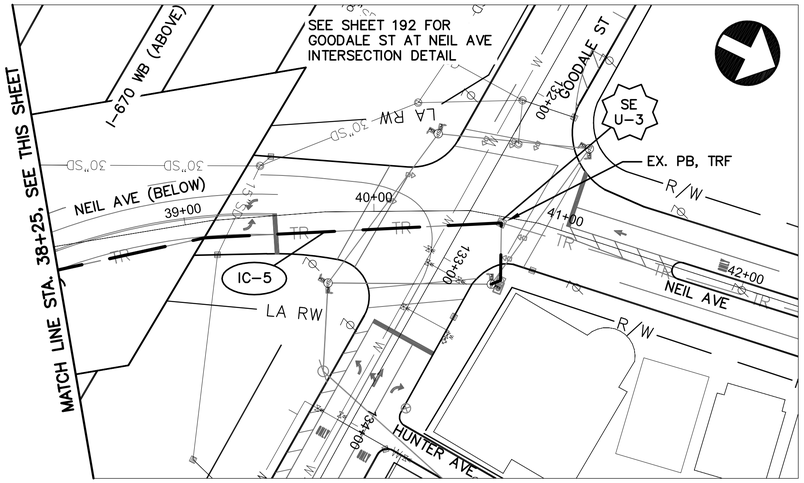
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

498
1107

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NEIL AVE BETWEEN STATION 30+30 AND 38+25



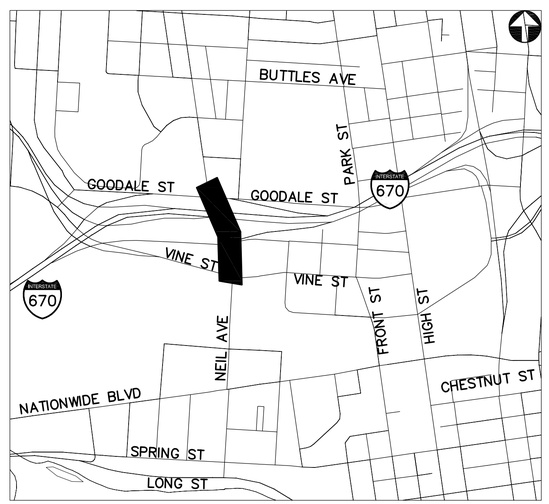
NEIL AVE BETWEEN STATION 38+25 AND 42+50

NOTES:

1. SEE SHEET 500 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 724 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
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CITY OF COLUMBUS UTILITY LEGEND
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- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 376 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762DR.E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

INTERCONNECT PLAN
NEIL AVE BETWEEN STA. 30+30 AND 42+50

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

499
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION FROM	STATION TO	202 EXISTING CONDUIT CLEANED, APP (FT)	625 CONDUIT, 3", 725.05, AS PER PLAN (FT)	625 PULL BOX, MISC.: CONCRETE, 48" (EACH)	625 TRENCH, 36" DEEP, AS PER PLAN (FT)	804 FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE (FT)	804 SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN (EACH)	FUSION SPLICE, AS PER PLAN *														
NEIL AVE: STA 9+00 TO 30+30																									
498	SE U-1	LONG ST	177+50, 35' RT						225	1	156														
498	IC-1	LONG ST	177+50, 35' RT	177+51, 57' LT	93				186																
509	IC-2	NEIL AVE	9+47, 58' RT	10+40, 09' LT	121				242																
509	IC-3	NEIL AVE	10+40, 09' LT	18+37, 07' RT	797				797																
498	SE U-2	NEIL AVE	18+37, 07' RT						225	1	156														
498	IC-4	NEIL AVE	18+37, 07' RT	22+53, 14' RT	416				416																
498	SE U-3	NEIL AVE	22+53, 14' RT						150	1	24														
498	IC-5	NEIL AVE	22+53, 14' RT	30+30, 11' RT	779				779																
498	IC-6	LONG ST	177+10, 26' RT	177+50, 35' LT	43				43																
498	IC-7	SPRING ST	177+86, 22' RT	179+40, 22' RT	153				153																
498	IC-8	NATIONWIDE BLVD	1000+26, 31' RT	1001+25, 37' RT	94				94																
498			PULL BOX SLACK						90																
NEIL AVE: STA 30+30 TO 42+50																									
499	IC-1	NEIL AVE	30+30, 11' RT	30+32, 08' RT	101				101																
499	IC-2	NEIL AVE	30+32, 08' RT	31+88, 61' LT	89				178																
499	IC-3	NEIL AVE	31+88, 61' LT	31+95, 62' LT		32	1	8	32																
499	SE U-1	NEIL AVE	31+95, 62' LT						300	1	216														
499	IC-4	NEIL AVE	30+32, 08' RT	35+18, 18' RT	388				388																
499	SE U-2	NEIL AVE	35+18, 18' RT						150	1	24														
499	IC-5	NEIL AVE	35+18, 18' RT	40+68, 03' RT	556				556																
499	SE U-3	NEIL AVE	40+68, 03' RT						75	1	12														
499	IC-6	VINE ST	45+20, 55' RT	46+34, 77' RT	103				103																
499	IC-7	VINE ST	46+34, 77' RT	46+10, 69' LT	148				296																
499	IC-8	VINE ST	46+34, 77' RT	47+80, 14' RT	163				163																
499			PULL BOX SLACK						100																
			SHEET TOTAL		4044	32	1	8	5842	6	588	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

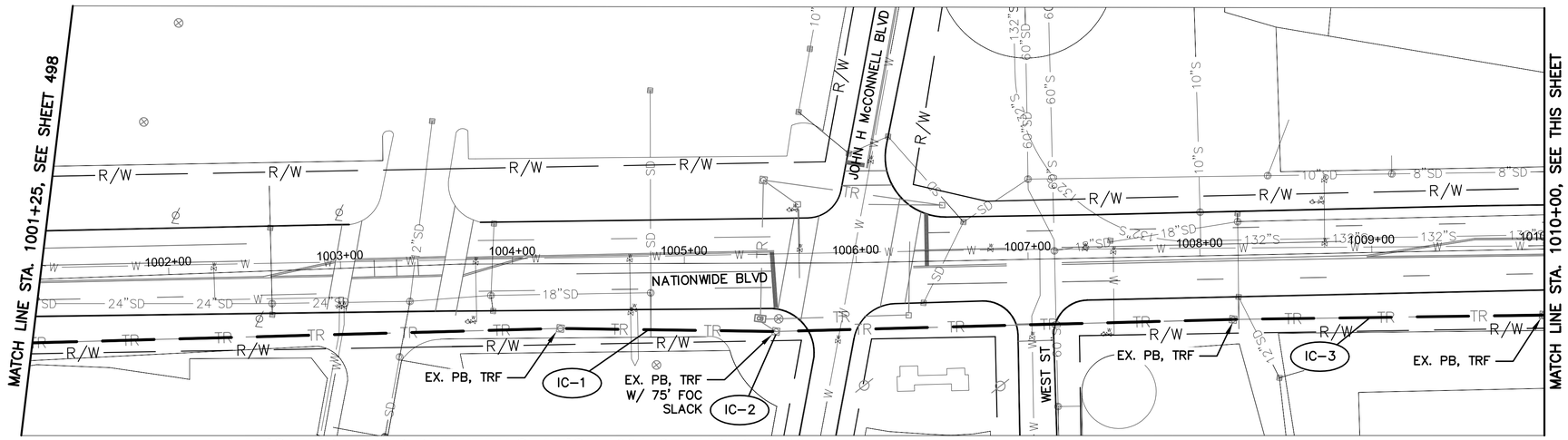
PID NUMBER
13034

INTERCONNECT QUANTITIES
NEIL AVE BETWEEN STA. 9+00 AND 42+50

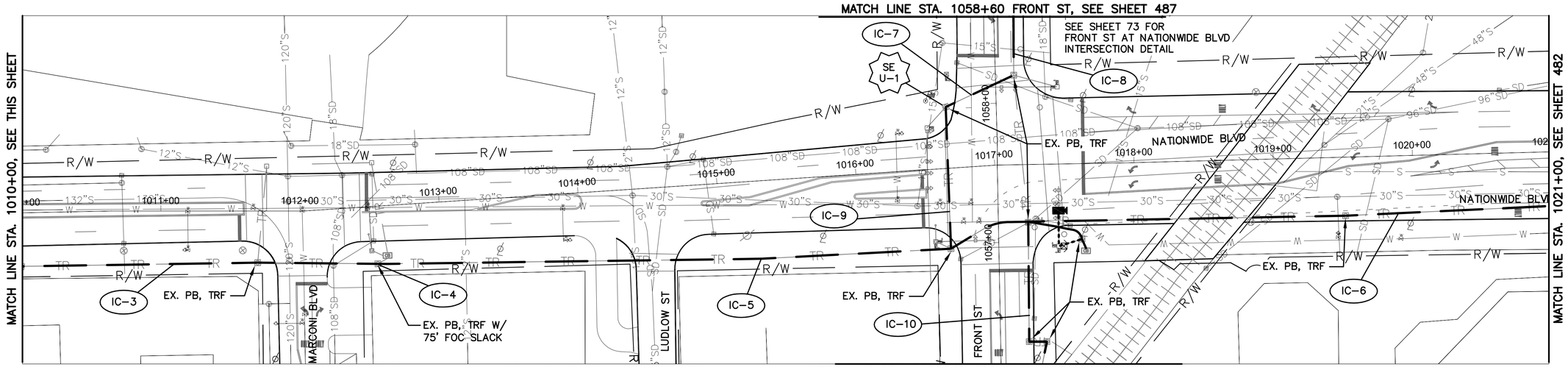
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

2762 DR. E

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NATIONWIDE BLVD BETWEEN STATION 1001+25 AND 1010+00



NATIONWIDE BLVD BETWEEN STATION 1010+00 AND 1021+00

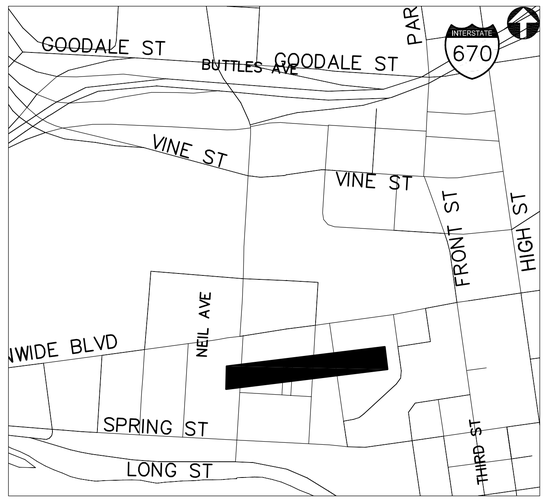
MATCH LINE STA. 1056+10 FRONT ST, SEE SHEET 487

NOTES:

1. SEE SHEET 502 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 733 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
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CITY OF COLUMBUS UTILITY LEGEND
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- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 376 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762DR.E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

INTERCONNECT PLAN
NATIONWIDE BLVD BETWEEN STA. 1001+25 AND 1021+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

501
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION		202 EXISTING CONDUIT CLEANED, APP	804 FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE	804 SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN	FUSION SPLICE, AS PER PLAN *																	
			FROM	TO	FT	FT	EACH																		
NATIONWIDE BLVD: STA 1001+25 TO 1021+00																									
501	IC-1	NATIONWIDE BLVD	1001+19, 37' RT	1005+53, 40' RT	433	433																			
501	IC-2	NATIONWIDE BLVD	1005+53, 40' RT			75																			
501	IC-3	NATIONWIDE BLVD	1005+53, 40' RT	1012+53, 41' RT	702	702																			
501	IC-4	NATIONWIDE BLVD	1012+53, 41' RT			75																			
501	IC-5	NATIONWIDE BLVD	1012+53, 41' RT	1017+00, 41' RT	411	411																			
501	IC-6	NATIONWIDE BLVD	1017+00, 41' RT	1021+00, 39' RT	437	437																			
501	IC-7	NATIONWIDE BLVD	1016+68, 44' LT	1017+15, 64' LT	54	108																			
501	SE U-1	NATIONWIDE BLVD	1016+68, 44' LT			300	1	216																	
501	IC-8	FRONT ST	1058+60, 14' RT	1058+20, 20' RT	42	42																			
501	IC-9	FRONT ST	1056+96, 34' LT	1057+98, 36' LT	102	204																			
501	IC-10	FRONT ST	1056+10, 30' RT	1058+20, 20' RT	221	221																			
501			PULL BOX SLACK			170																			
			SHEET TOTAL		2402	3178	1	216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

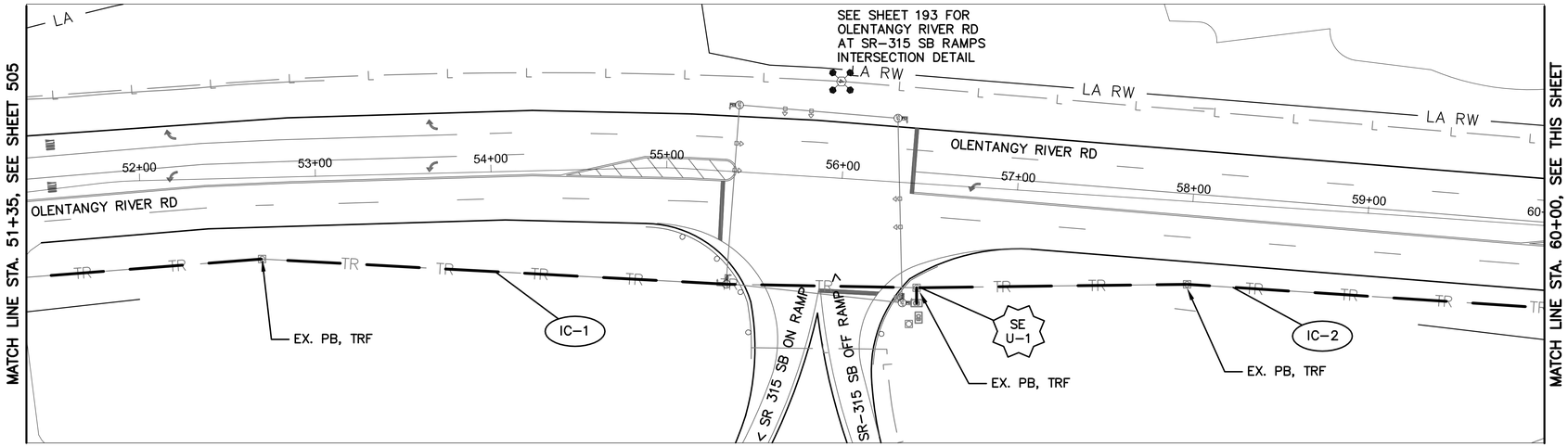
* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

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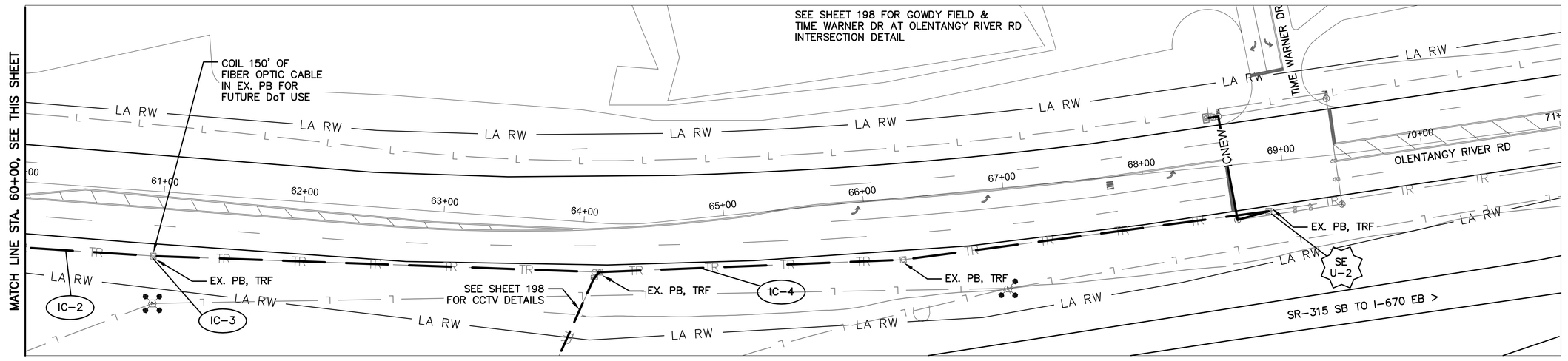
PID NUMBER 13034

INTERCONNECT QUANTITIES
NATIONWIDE BLVD BETWEEN STA. 1001+25 AND 1021+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)



OLENTANGY RIVER RD BETWEEN STATION 51+35 AND 60+00



OLENTANGY RIVER RD BETWEEN STATION 60+00 AND 71+00

NOTES:

1. SEE SHEET 504 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 724 FOR COMMUNICATION DETAILS.

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CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 376 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER
13034

INTERCONNECT PLAN
OLENTANGY RIVER RD BETWEEN STA. 51+35 AND 71+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

503
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION FROM	STATION TO	202 EXISTING CONDUIT CLEANED, APP	804 FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE	804 SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN	FUSION SPLICE, AS PER PLAN *																	
					FT	FT	EACH																		
OLENTANGY RIVER RD: STA 51+35 TO 71+00																									
503	IC-1	OLENTANGY RIVER RD	51+29, 48' RT	56+46, 59' RT	507	507																			
503	SE U-1	OLENTANGY RIVER RD	56+46, 59' RT			150	1	24																	
503	IC-2	OLENTANGY RIVER RD	56+46, 59' RT	60+95,46' RT	449	449																			
503	IC-3	OLENTANGY RIVER RD	60+95,46' RT			150																			
503	IC-4	OLENTANGY RIVER RD	60+95,46' RT	68+87, 35' RT	800	800																			
503	SE U-2	OLENTANGY RIVER RD	68+87, 35' RT			75	1	12																	
503			PULL BOX SLACK			40																			
			SHEET TOTAL		1756	2171	2	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

2762 DR. E

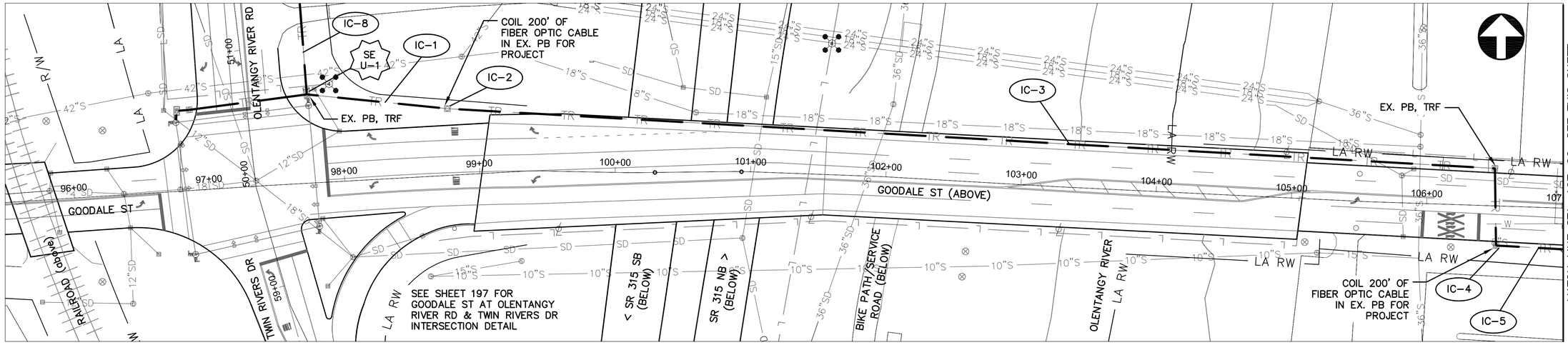
PID NUMBER
13034

INTERCONNECT QUANTITIES
OLENTANGY RIVER RD BETWEEN STA. 51+35 AND 71+00

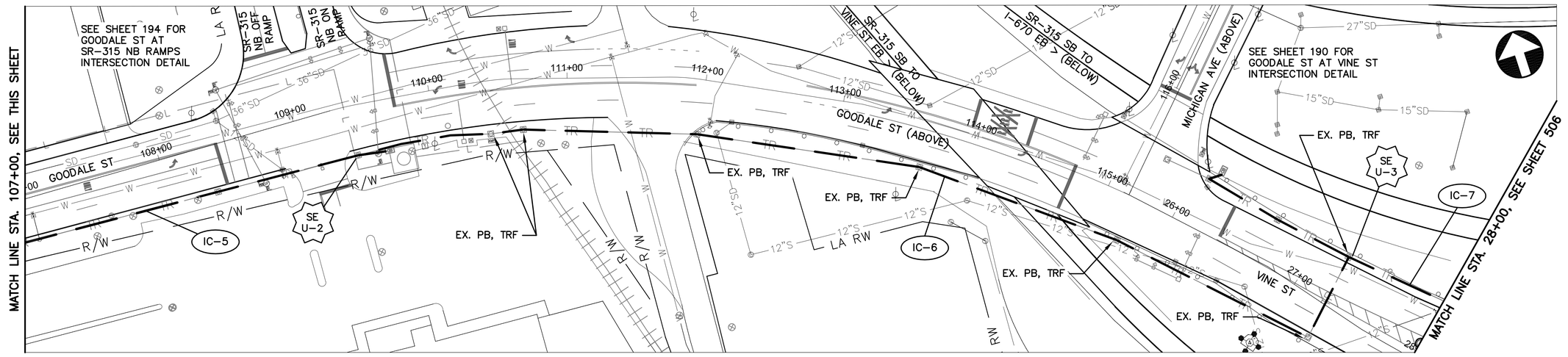
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

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MATCH LINE STA. 51+35, SEE SHEET 503



GOODALE ST BETWEEN STATION 95+50 AND 107+00



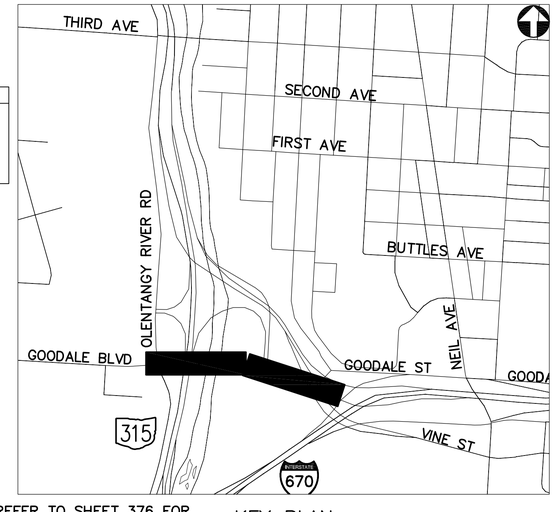
GOODALE ST BETWEEN 107+00 AND 115+16 & VINE ST BETWEEN STATION 25+64 AND 28+00

NOTES:

1. SEE SHEET 508 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 724 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 376 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

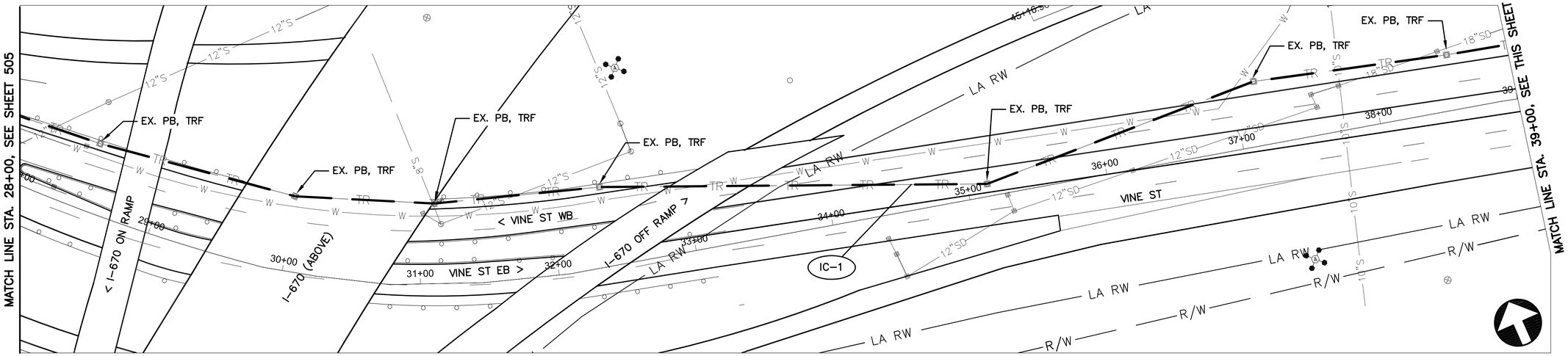
PID NUMBER 13034

INTERCONNECT PLAN – GOODALE ST BETWEEN STA. 95+50 AND 115+16 & VINE ST BETWEEN STA. 25+64 AND 28+00

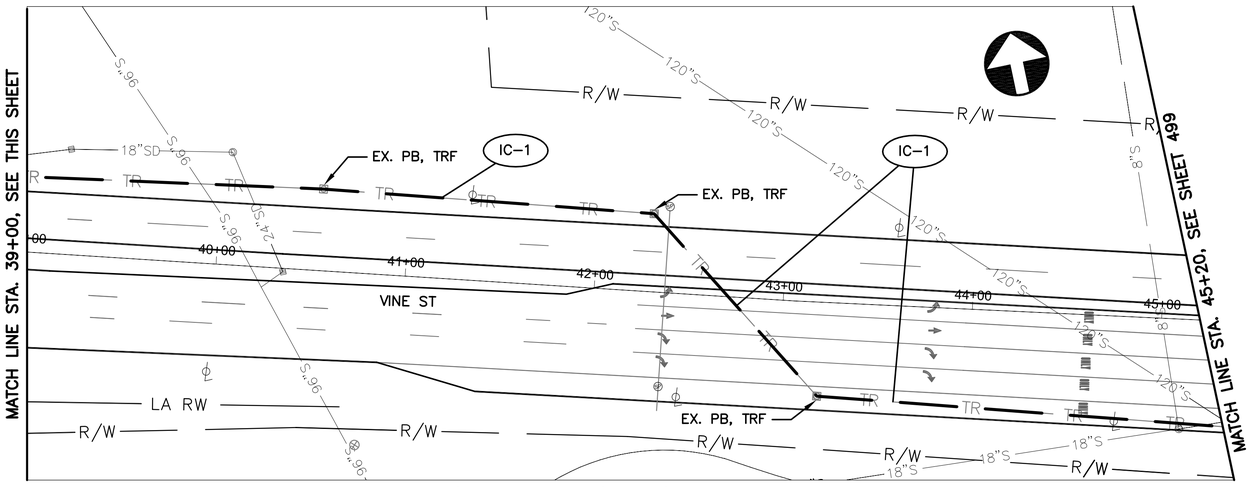
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

505
1107

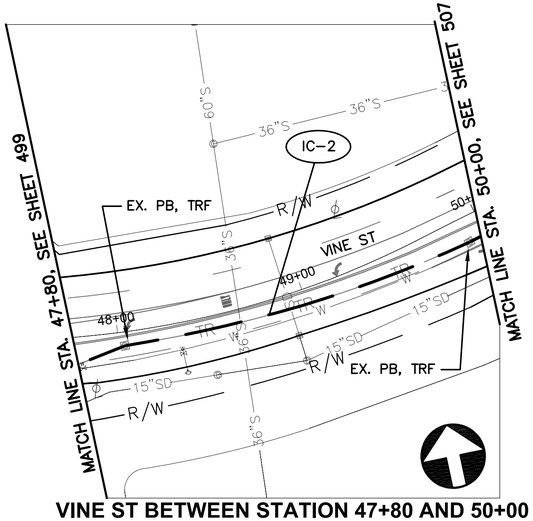
J:\Jobs\47857\TECHPROD\Sheets\FM_33_Vine_Corridor.dwg – V-i1 layout ~ last saved by: COI, rwegehaupt 03/19/2015 07:47am ~ printed 07/01/2015 11:22am



VINE ST BETWEEN STATION 28+00 AND 39+00



VINE ST BETWEEN STATION 39+00 AND 45+20



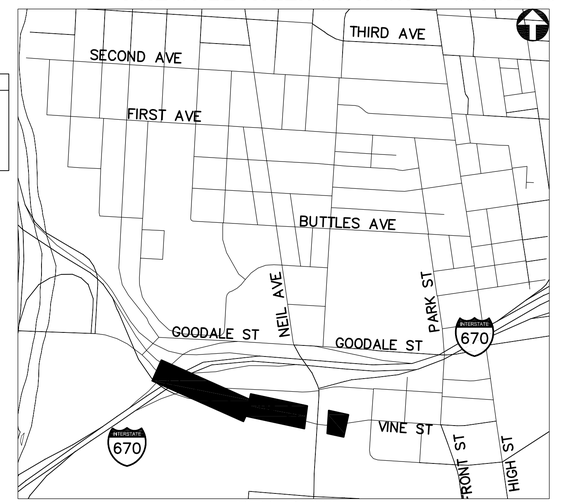
VINE ST BETWEEN STATION 47+80 AND 50+00

NOTES:

1. SEE SHEET 508 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 724 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



KEY PLAN
NOT TO SCALE

REFER TO SHEET 376 FOR INTERCONNECT SHEET INDEX

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

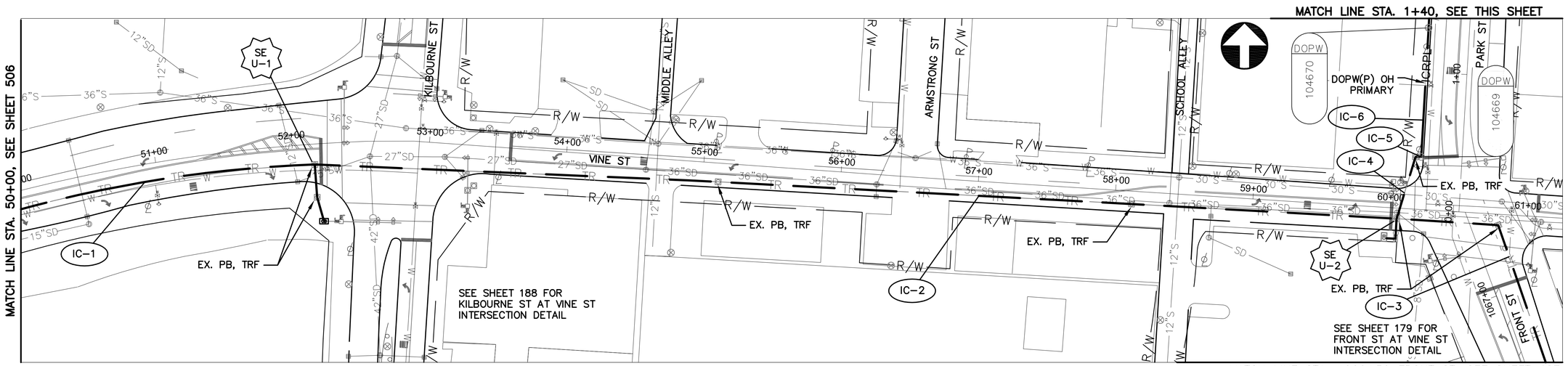
PID NUMBER 13034

INTERCONNECT PLAN – VINE ST BETWEEN STA. 28+00 AND 45+20 AND VINE ST BETWEEN STA. 47+80 AND 50+00

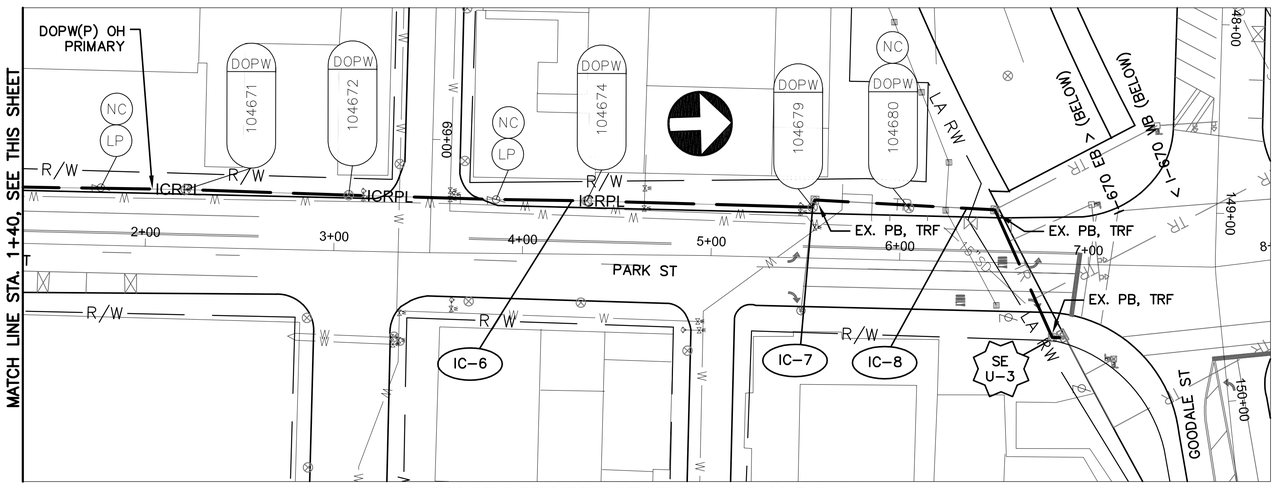
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

506
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_33_Vine_Corridor.dwg – V-2 layout ~ last saved by: COI, rwegehaupt 03/19/2015 07:47am ~ printed 07/01/2015 11:22am



VINE ST BETWEEN STATION 50+00 AND 61+25



PARK ST BETWEEN STATION 1+40 AND 8+00

SEE SHEET 195 FOR GOODALE ST AT PARK ST INTERSECTION DETAIL

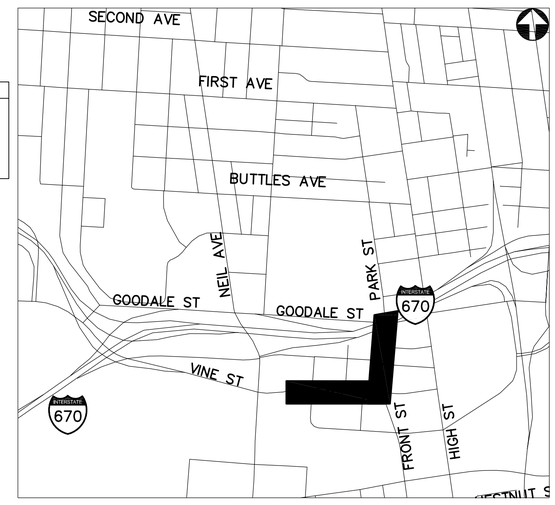
NOTES:

1. SEE SHEET 508 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 724 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☒ POWER
- ☐ LIGHTING



REFER TO SHEET 376 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

PID NUMBER 13034

INTERCONNECT PLANS – VINE ST BETWEEN STA. 50+00 AND 61+25 & PARK ST BETWEEN STA. 1+40 AND 8+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

507
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_33_Vine_Corridor.dwg ~ V-3 layout ~ last saved by: CCL rwegehaupt 03/19/2015 07:47am ~ printed 07/01/2015 11:23am

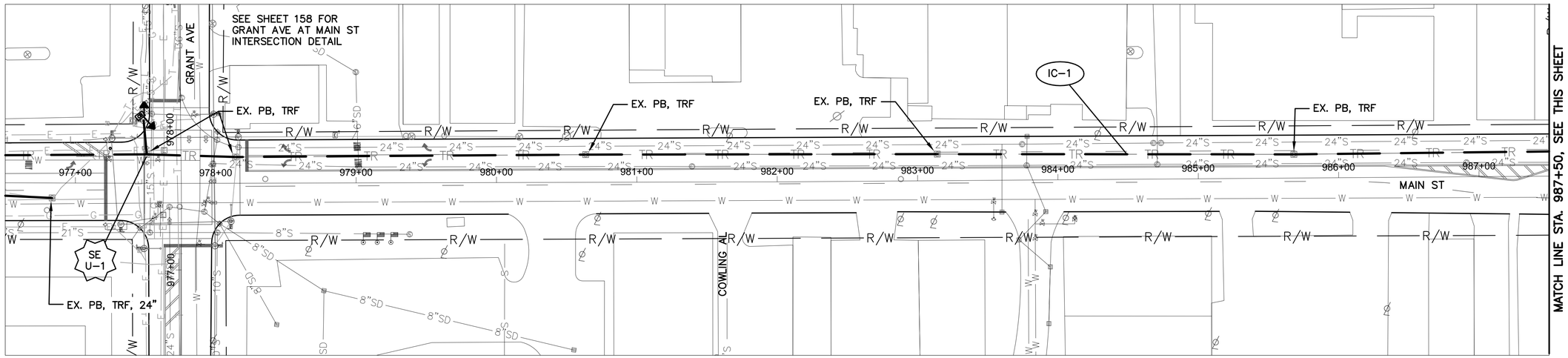
ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION FROM	STATION TO	202 EXISTING CONDUIT CLEANED, APP (FT)	632 CONDUIT: 2" RISER, AS PER PLAN (EACH)	632 MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES (FT)	633 INTERCONNECT, MISC.: REMOVE EXISTING OVERHEAD INTERCONNECT (FT)	804 FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE (FT)	804 SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN (EACH)	FUSION SPLICE, AS PER PLAN *														
GOODALE ST: STA 95+50 TO 115+16/VINE ST: STA 25+64 AND 28+00																									
505	SE U-1	GOODALE ST	97+76, 66' LT						150	1	24														
505	IC-1	GOODALE ST	97+76, 66' LT	98+79, 49' LT	104				104																
505	IC-2	GOODALE ST	98+79, 49' LT						200																
505	IC-3	GOODALE ST	98+79, 49' LT	106+52, 29' RT	832				832																
505	IC-4	GOODALE ST	106+52, 29' RT						200																
505	IC-5	GOODALE ST	106+52, 29' RT	109+40, 36' RT	295				295																
505	SE U-2	GOODALE ST	109+40, 36' RT						150	1	24														
505	IC-6	GOODALE ST/VINE ST	109+40, 36' RT	27+22, 38' LT	775				775																
505	SE U-3	VINE ST	27+22, 38' LT						150	1	24														
505	IC-7	VINE ST	27+22, 38' LT	28+00, 41' LT	75				75																
505	IC-8	OLENTANGY RIVER RD	50+62, 45' RT	51+35, 48' RT	68				68																
505			PULL BOX SLACK						50																
VINE ST: STA 28+00 TO 45+20 & 47+80 TO 50+00																									
506	IC-1	VINE ST	27+82, 46' LT	45+35, 56' RT	1768				1768																
506	IC-2	VINE ST	47+78, 14' RT	49+97, 13' RT	223				223																
506			PULL BOX SLACK						120																
VINE ST: STA 50+00 TO 61+25/PARK ST: STA 1+40 TO 8+00																									
507	IC-1	VINE ST	49+97, 13' RT	52+16, 14' RT	217				217																
507	SE U-1	VINE ST	52+15, 15' RT						150	1	24														
507	IC-2	VINE ST	52+15, 15' RT	60+05, 08' RT	787				787																
507	SE U-2	VINE ST	60+05, 08' RT						225	1	108														
507	IC-3	VINE ST	60+05, 08' RT	61+20, 105' RT	180				180																
507	IC-4	VINE ST	60+05, 08' RT	60+20, 38' LT	51				51																
507	IC-5	PARK ST	00+38, 30' LT			1			35																
507	IC-6	PARK ST	00+38, 30' LT	5+53, 27' LT			515	515	515																
507	IC-7	PARK ST	5+53, 27' LT			1			35																
507	IC-8	PARK ST	5+53, 27' LT	6+82, 39' RT	174				174																
507	SE U-3	PARK ST	6+82, 39' RT						75	1	12														
507			PULL BOX SLACK						50																
507			OVERHEAD SAG				8		8																
			SHEET TOTAL		5549	2	523	515	7662	6	216	-	-	-	-	-	-	-	-	-	-	-	-	-	-

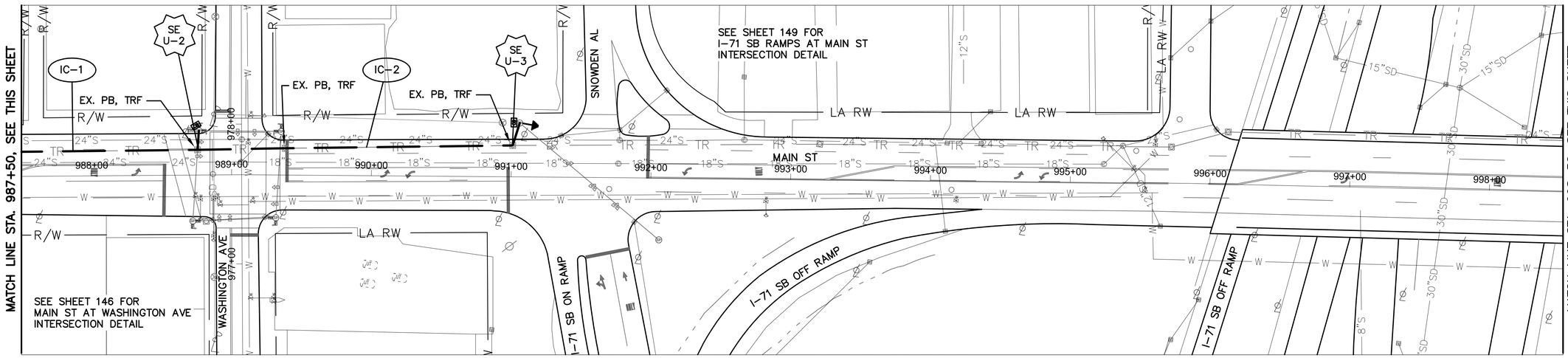
* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

2762 DR. E

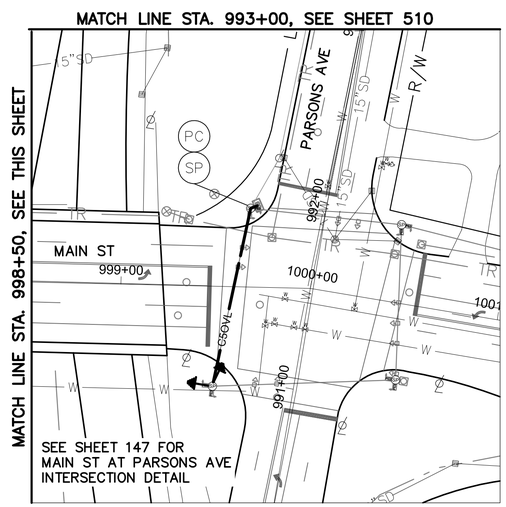
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MAIN ST BETWEEN STATION 976+50 AND 987+50



MAIN ST BETWEEN STATION 987+50 AND 998+50



MAIN ST BETWEEN STATION 998+50 AND 1001+00

NOTES:

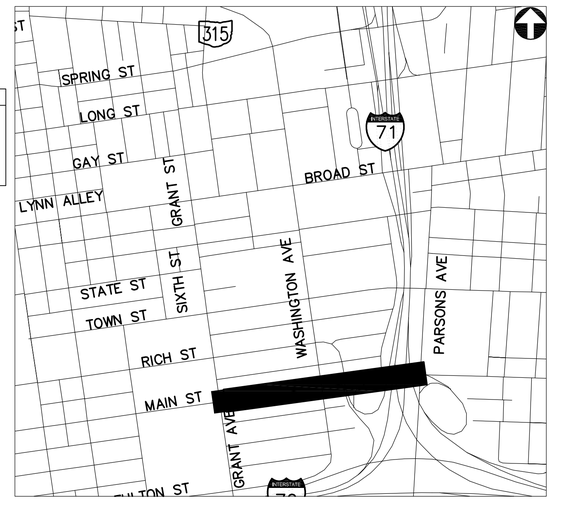
1. SEE SHEET 511 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 732 FOR COMMUNICATION DETAILS.
3. SEE SHEET 44 FOR PAVEMENT DETAILS
4. SEE SHEET 47 FOR INTERCEPTING EX. CONDUIT DETAILS

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 15.

CITY OF COLUMBUS UTILITY LEGEND

- SEWER
- WATER
- POWER
- LIGHTING



REFER TO SHEET 376 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

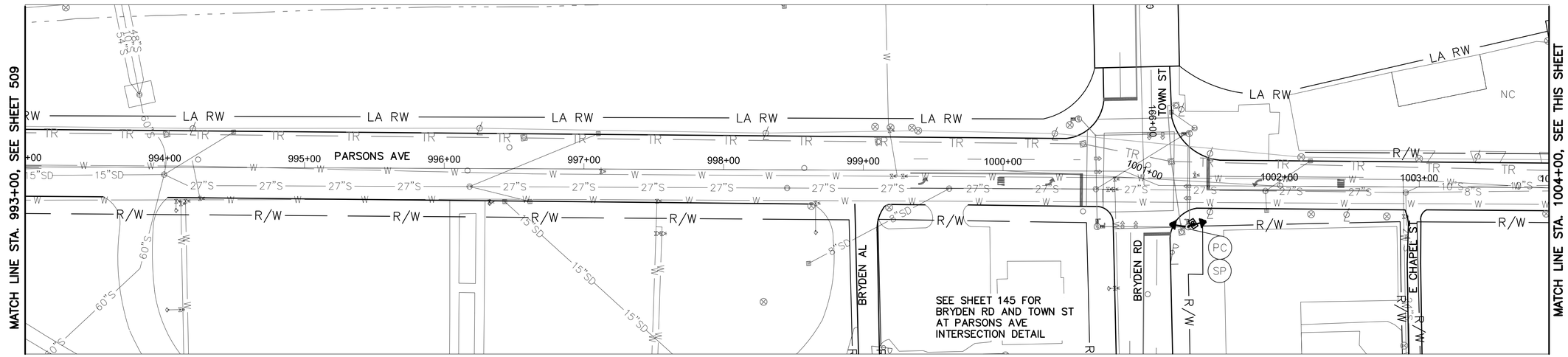
PID NUMBER 13034

INTERCONNECT PLAN
MAIN ST BETWEEN STA. 976+50 AND 1001+00

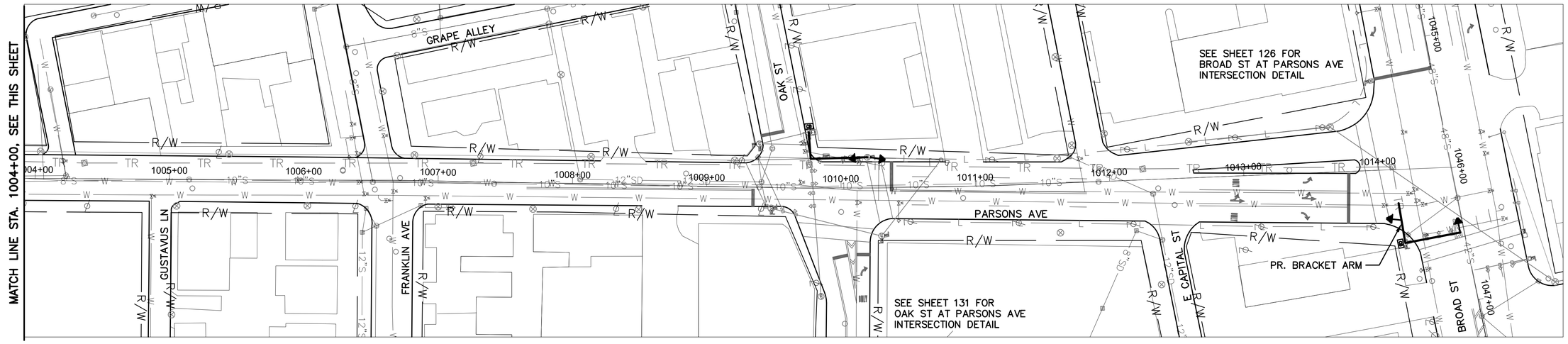
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

509
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_32A_Main-Parsons_Corridor.dwg - MP-1 layout ~ last saved by: COL mgraf 06/26/2015 12:04pm ~ printed 07/01/2015 11:23am



PARSONS AVE BETWEEN STATION 993+00 AND 1004+00



PARSONS AVE BETWEEN STATION 1004+00 AND 1014+60

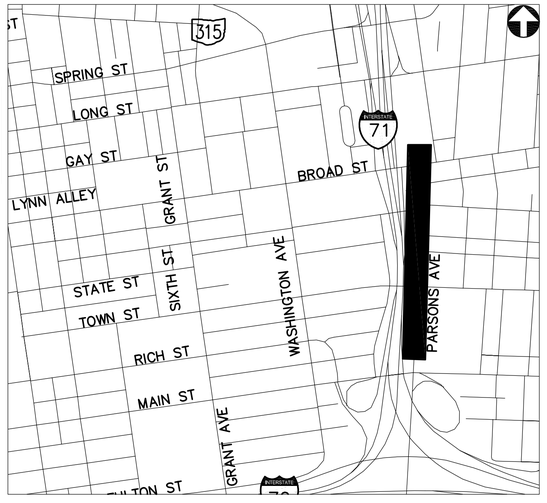
NOTES:

1. SEE SHEET 511 FOR INTERCONNECT QUANTITIES.
2. SEE SHEETS 731 AND 732 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
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CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☒ POWER
- ☒ LIGHTING



REFER TO SHEET 376 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

INTERCONNECT PLAN
PARSONS AVE BETWEEN STA. 993+00 AND 1014+60

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

510
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION FROM	STATION TO	202 EXISTING CONDUIT CLEANED, APP (FT)	632 CONDUIT: 2" RISER, AS PER PLAN (EACH)	632 MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES (FT)	804 FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE (FT)	804 SPLICE ENCLOSURE: OVERHEAD, AS PER PLAN (EACH)	804 SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN (EACH)	FUSION SPLICE, AS PER PLAN *
MAIN ST: STA 976+50 TO 1001+00											
509	SE U-1	MAIN ST	977+51, 21' RT					75		1	12
509	IC-1	MAIN ST	977+51, 21' RT	988+76, 18' LT	1125			1125			
509	SE U-2	MAIN ST	988+76, 18' LT					150		1	24
509	IC-2	MAIN ST	988+76, 18' LT	991+01, 22' LT	225			225			
509	SE U-3	MAIN ST	991+01, 22' LT					150		1	24
509	IC-3	MAIN ST	991+01, 22' LT	999+23, 39' LT	849			849			
509	IC-4	MAIN ST	999+23, 39' LT			1		35			
509	IC-5	MAIN ST	999+23, 39' LT	999+68, 42' LT			44	44			
509	SE A-1	MAIN ST	999+68, 42' LT					150	1		24
509	IC-6	PARSONS AVE	991+90, 40' LT	992+87, 29' LT			100	100			
509			PULL BOX SLACK					80			
509			OVERHEAD SAG					2			
PARSONS AVE: STA 993+00 TO 1014+60											
510	IC-1	PARSONS AVE	993+00, 29' LT	1001+33, 34' LT			837	837			
510	SE A-1	PARSONS AVE	1001+33, 34' LT					150	1		24
510	IC-2	PARSONS AVE	1001+33, 34' LT	1009+75, 42' LT			847	847			
510	IC-3	PARSONS AVE	1009+75, 42' LT			1		35			
510	SE A-2	PARSONS AVE	1009+75, 42' LT					150	1		24
510	IC-4	PARSONS AVE	1009+75, 42' LT	1014+11, 02' LT	466			466			
510	SE U-1	PARSONS AVE	1014+11, 02' LT					75		1	12
510			PULL BOX SLACK					10			
510			OVERHEAD SAG					25			
			SHEET TOTAL		2665	2	1828	5580	3	4	144

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

2762 DR. E

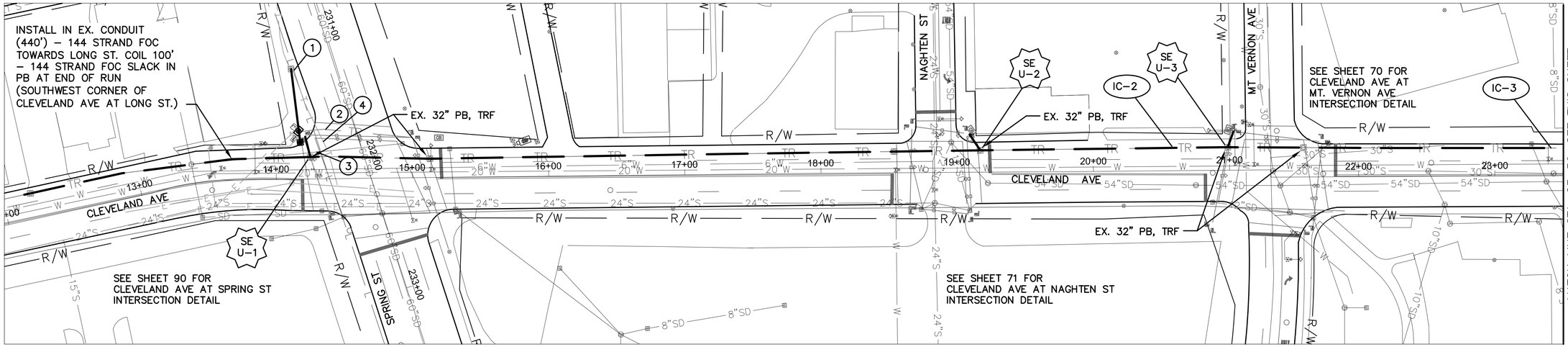
PID NUMBER 13034

INTERCONNECT QUANTITIES – MAIN ST BETWEEN STA. 976+50 TO 1001+00 & PARSONS AVE BETWEEN STA. 993+00 TO 1014+60

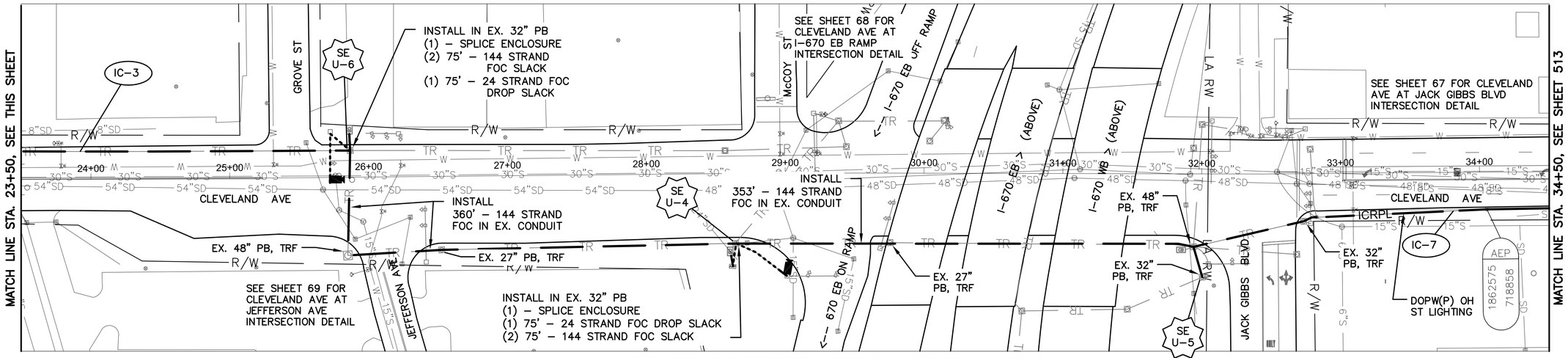
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

511
1107

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CLEVELAND AVE BETWEEN STATION 12+50 AND 23+50



CLEVELAND AVE BETWEEN STATION 23+50 AND 34+50

NOTES:

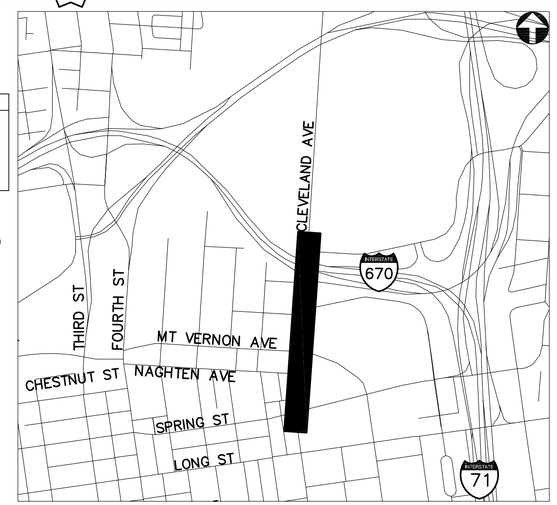
1. SEE SHEET 514 FOR INTERCONNECT QUANTITIES.
2. SEE SHEETS 730 AND 723 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
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CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 15.

CITY OF COLUMBUS UTILITY LEGEND

- ☒ SEWER
- ☐ WATER
- ☐ POWER
- ☒ LIGHTING



REFER TO SHEET 376 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET

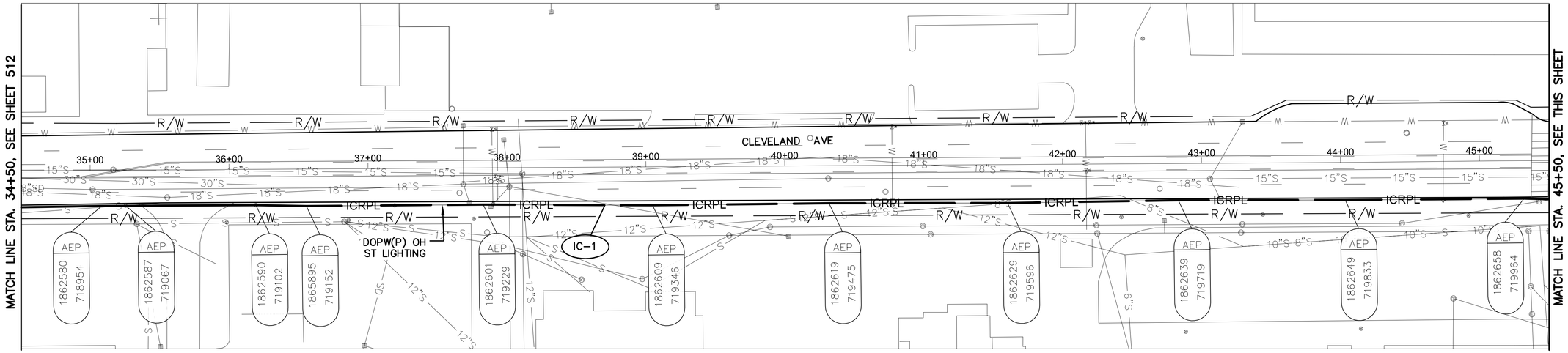
PID NUMBER 13034

INTERCONNECT PLAN
CLEVELAND AVE BETWEEN STA. 12+50 AND 34+50

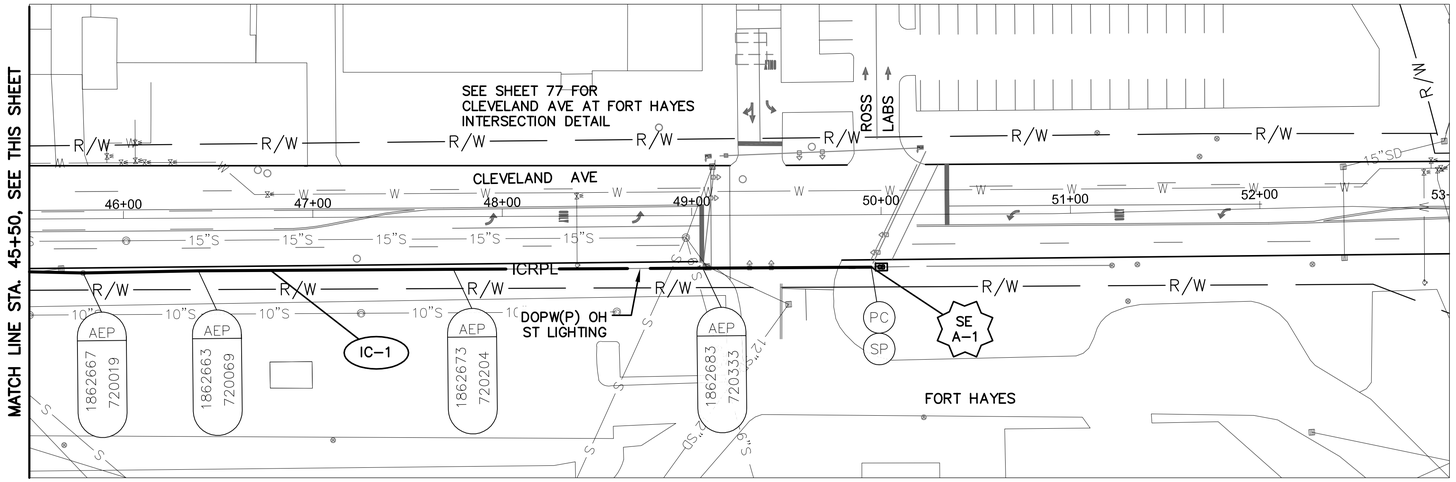
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

512
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_34_Cleveland_DT_Corridor.dwg ~ C-1 layout ~ last saved by: CCL, apark 04/13/2015 09:30am ~ printed 07/01/2015 11:24am



CLEVELAND AVE BETWEEN STATION 34+50 AND 45+50



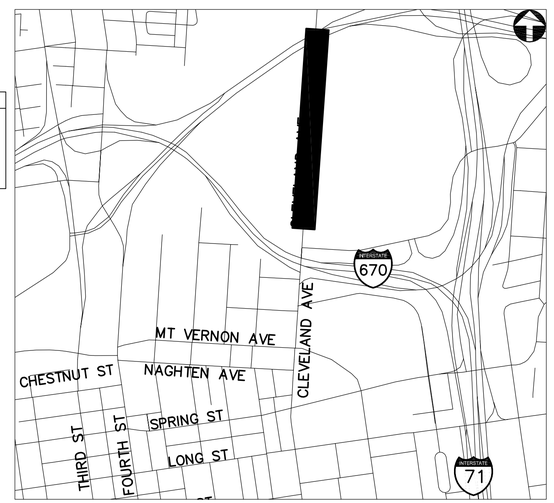
CLEVELAND AVE BETWEEN STATION 45+50 AND 53+00

NOTES:

1. SEE SHEET 514 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 723 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☒ LIGHTING



REFER TO SHEET 376 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

INTERCONNECT PLAN
CLEVELAND AVE BETWEEN STA. 34+50 AND 53+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

513
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_34_Cleveland_DT_Corridor.dwg ~ C-2 layout ~ last saved by: CCL, spark, 04/13/2015 09:30am ~ printed 07/01/2015 11:24am

ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION FROM	STATION TO	202 EXISTING CONDUIT CLEANED, APP (FT)	632 CONDUIT: 2" RISER, AS PER PLAN (EACH)	632 MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES (FT)	804 FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE (FT)	804 SPLICE ENCLOSURE: OVERHEAD, AS PER PLAN (EACH)	804 SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN (EACH)	FUSION SPLICE, AS PER PLAN *														
CLEVELAND AVE: STA 12+50 TO 34+50																									
512	SE U-1	CLEVELAND AVE	14+37, 16' LT					75		1	12														
512	IC-1	CLEVELAND AVE	14+37, 16' LT	19+30, 16' LT	495			495																	
512	SE U-2	CLEVELAND AVE	19+30, 16' LT					150		1	24														
512	IC-2	CLEVELAND AVE	19+30, 16' LT	20+98, 17' LT	168			168																	
512	SE U-3	CLEVELAND AVE	20+98, 17' LT					150		1	24														
512	IC-3	CLEVELAND AVE	20+98, 17' LT	29+44, 19' LT	846			846																	
512	SE U-4	CLEVELAND AVE	29+44, 19' LT					150		1	24														
512	IC-4	CLEVELAND AVE	29+44, 19' LT	32+76, 25' LT	332			332																	
512	SE U-5	CLEVELAND AVE	32+76, 25' LT					150		1	24														
512	IC-5	CLEVELAND AVE	32+76, 25' LT	32+78, 27' RT	52			52																	
512	IC-6	CLEVELAND AVE	32+78, 27' RT			1		35																	
512	IC-7	CLEVELAND AVE	32+78, 27' RT	34+50, 26' RT			172	172																	
512			PULL BOX SLACK					90																	
512			OVERHEAD SAG				3	3																	
CLEVELAND AVE: STA 34+50 TO 53+00																									
513	IC-1	CLEVELAND AVE	34+50, 26' RT	49+95, 28' RT			1546	1546																	
513	SE A-1	CLEVELAND AVE	49+95, 28' RT					75	1		12														
513			OVERHEAD SAG				23	23																	
			SHEET TOTAL		1893	1	1744	4512	1	5	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

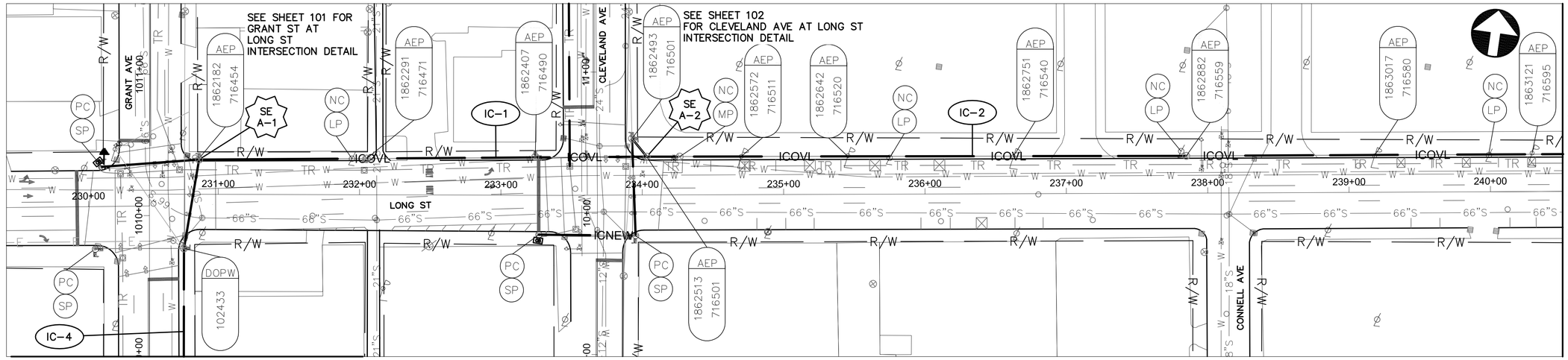
2762 DR. E

PID NUMBER 13034

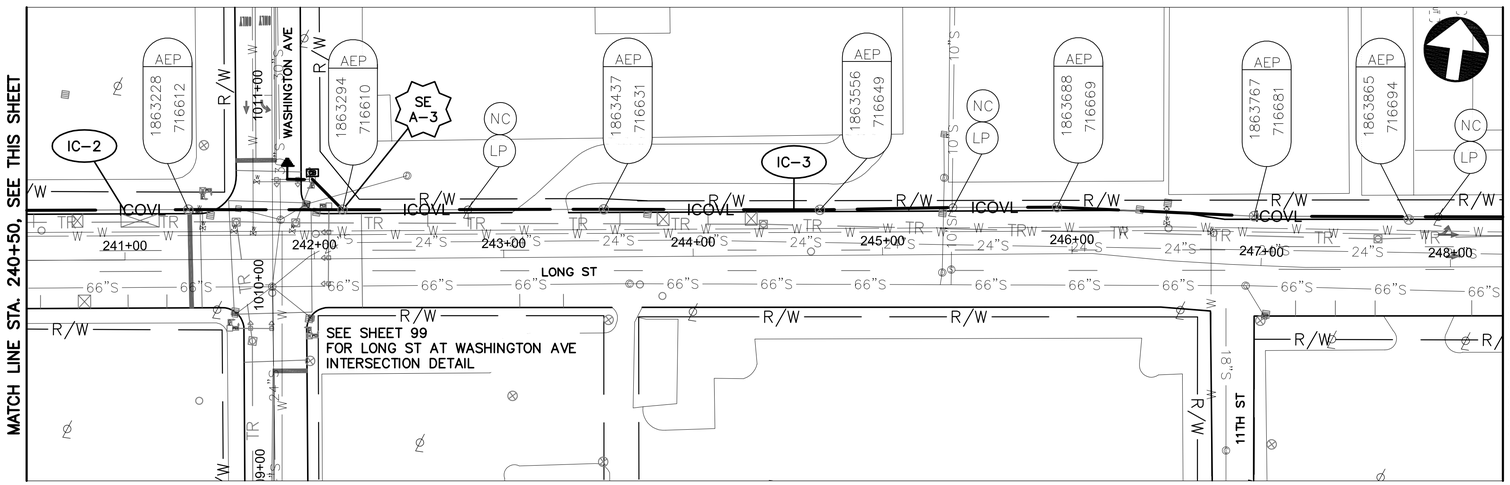
INTERCONNECT QUANTITIES
CLEVELAND AVE BETWEEN STA. 12+50 AND 53+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

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LONG ST BETWEEN STATION 229+50 AND 240+50



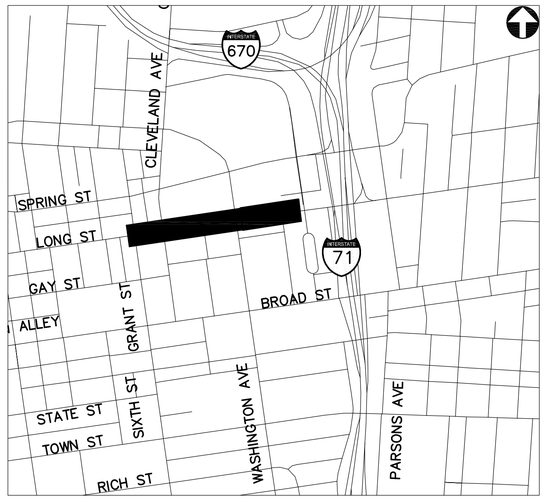
LONG ST BETWEEN STATION 240+50 AND 248+30

NOTES:

1. SEE SHEET 516 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 730 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
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CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 376 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

INTERCONNECT PLAN
LONG ST BETWEEN STA. 229+50 AND 248+30

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

515
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION FROM	STATION TO	633 INTERCONNECT, MISC.: OVERLASH TO EXISTING INTERCONNECT	804 FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE	804 SPLICE ENCLOSURE: OVERHEAD, AS PER PLAN	FUSION SPLICE, AS PER PLAN *																	
					FT	FT	EACH																		
LONG ST: STA 229+50 TO 248+30																									
515	SE A-1	LONG ST	230+86, 25' LT			75	1	12																	
515	IC-1	LONG ST	230+86, 25' LT	234+03, 27' LT	317	317																			
515	SE A-2	LONG ST	234+03, 27' LT			150	1	24																	
515	IC-2	LONG ST	234+03, 27' LT	242+15, 26' LT	812	812																			
515	SE A-3	LONG ST	242+15, 26' LT			150	1	24																	
515	IC-3	LONG ST	242+15, 26' LT	248+30, 26' LT	615	615																			
515	IC-4	GRANT	1009+00, 24' RT	1010+40, 35' RT	140	140																			
515			OVERHEAD SAG			31																			
			SHEET TOTAL		1884	2290	3	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

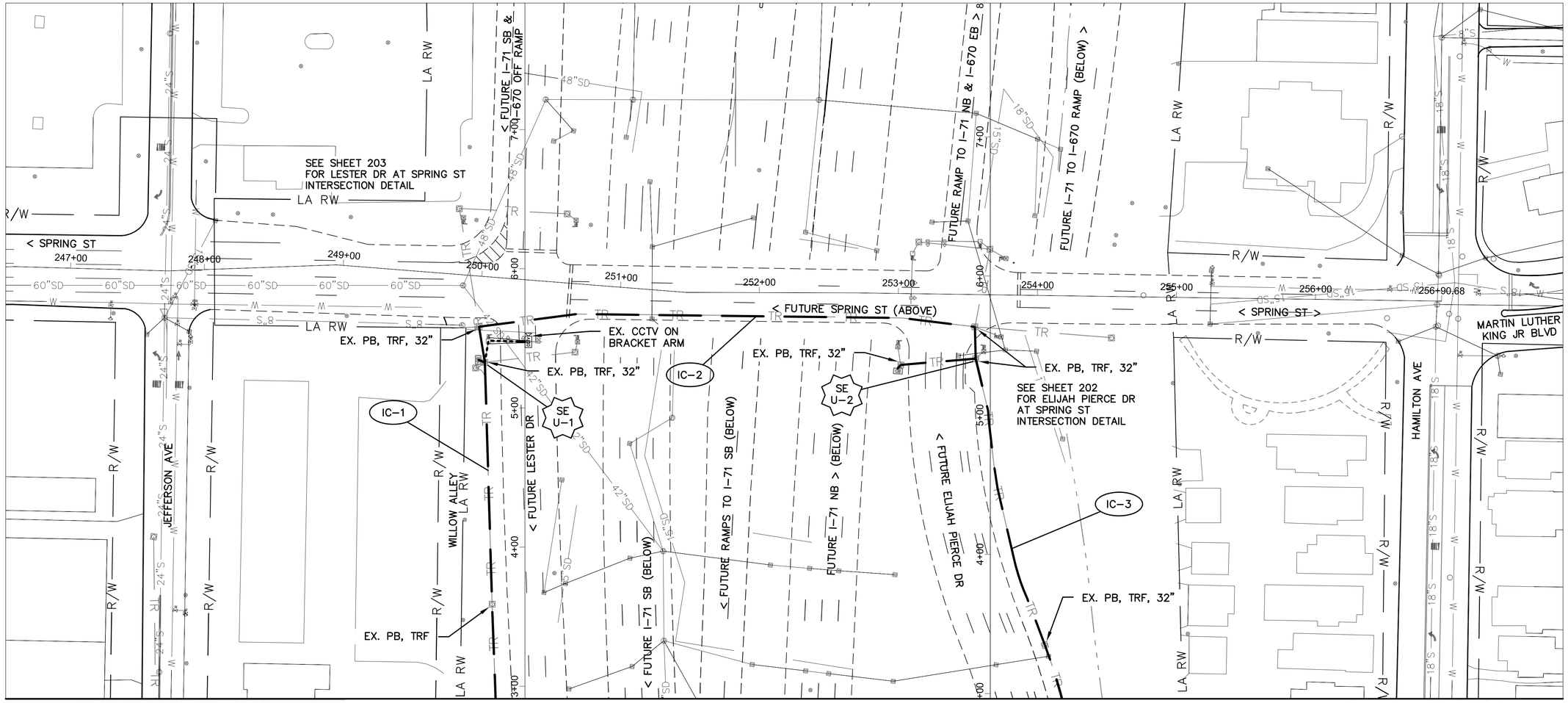
* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

PID NUMBER 13034

INTERCONNECT QUANTITIES
LONG ST BETWEEN STA. 229+50 AND 248+30

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

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MATCH LINE – SEE SHEET 518

MATCH LINE – SEE SHEET 518

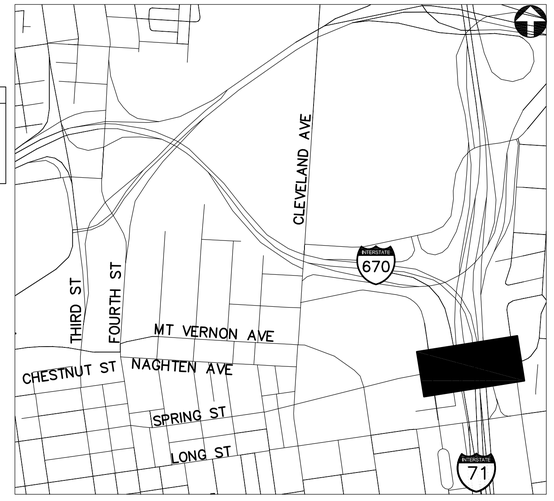
SPRING ST BETWEEN STATION 246+50 AND 256+90

NOTES:

1. SEE SHEET 519 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 730 FOR COMMUNICATION DETAILS.

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CITY OF COLUMBUS UTILITY LEGEND
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- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 376 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

SPRING ST BETWEEN STA. 246+50 AND 256+90

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

517
1107

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MATCH LINE – SEE SHEET 517

MATCH LINE – SEE SHEET 517

MATCH LINE STA. 248+30, SEE SHEET 515

SE U–5

INSTALL IN EX. 32" PB
(1) – SPLICE ENCLOSURE
(2) 75' – 144 STRAND FOC SLACK

EX. PB, TRF, 32"
NOTE: 144 STRAND FOC FROM NORTH AND SOUTH TURN EAST TO TERMINATE AT SE U–5

INSTALL
(2) 63' – 144 STRAND FOC IN EX. CONDUIT

SEE SHEET 199
FOR JEFFERSON AVE AT LONG ST
INTERSECTION DETAIL

EX. 288 STRAND FOC IN MEDIAN BARRIER WALL

SEE SHEET 201
FOR LESTER DR AT LONG ST
INTERSECTION DETAIL

INSTALL ON EX. BRACKET ARM
(1) – CCTV, PTZ ASSEMBLY

INSTALL IN EX. BRACKET ARM AND POLE
58' – CCTV COMPOSITE CABLE

EX. PB, TRF, 32"

SEE SHEET 200
FOR HAMILTON AVE AT LONG ST
INTERSECTION DETAIL

INSTALL IN EX. CONDUIT
127' – CCTV COMPOSITE CABLE

INSTALL IN EX. CONDUIT
(2) 104' – 24 STRAND FOC DROP
(1) 90' – 144 STRAND FOC

EX. PB, TRF, 32"

EX. PB, TRF, 48"

INSTALL IN EX. 48" PB
(3) 75' – 144 STRAND FOC
(2) 200' – 24 STRAND FOC DROP

COIL SLACK FOR Ssplicing

CCTV CABINET TO BE INSTALLED WITH I–71/I–670 INTERCHANGE PROJECT, PID #77369

SE A–1 · SE U–2 · SE U–3 · SE U–4 · SE U–5

IC–1 · IC–5 · IC–7 · IC–8 · IC–9 · CTV–11

PC · SP

ICOVL

AEP 1863994 716715

AEP 1864076 716654

WILLOW ALLEY · JEFFERSON AVE · LESTER DR · ELIJAH PIERCE DR (ABOVE) · HAMILTON AVE · ALLEY · LONG ST · LA RW · R/W

--> I–71 TO I–670 RAMP (BELOW) -->

--> I–71 NB (BELOW) -->

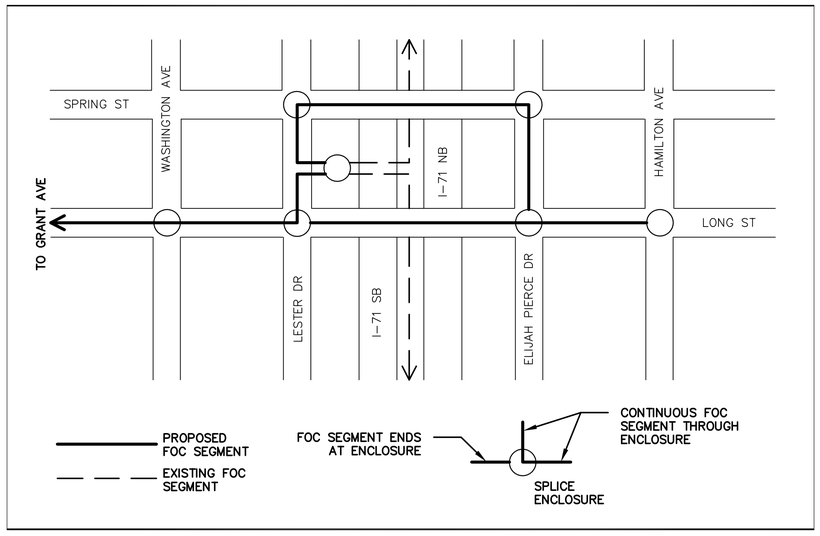
<-- I–71 SB (BELOW)

<-- RAMPS TO I–71 SB (BELOW)

249+00 · 250+00 · 251+00 · 252+00 · 254+00 · 255+00 · 256+00 · 258+00 · 259+00 · 267+00

0+00 · 1+00 · 2+00

LONG ST BETWEEN STATION 248+50 AND 259+50



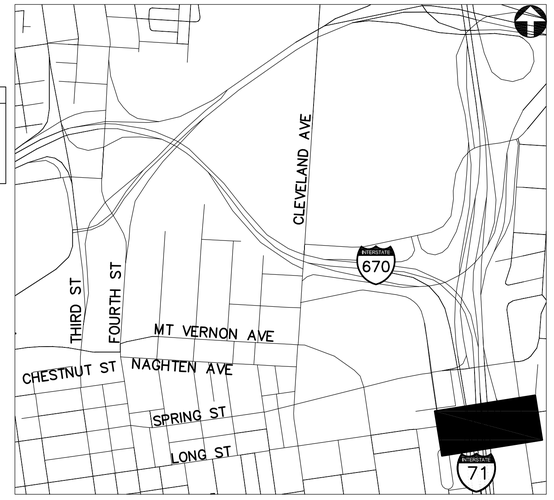
CABLE SEGMENT DIAGRAM - NOT TO SCALE

NOTES:

1. SEE SHEET 519 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 730 FOR COMMUNICATION DETAILS.
3. SEE SHEET 204 FOR INTERSECTION QUANTITIES.
4. SEE SHEET 730A FOR SE U–5 DIAGRAM

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- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 376 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

LONG ST BETWEEN STA. 248+50 AND 259+50

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

518
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION FROM	STATION TO	202 EXISTING CONDUIT CLEANED, AS PER PLAN (FT)	632 CONDUIT: 2" RISER, AS PER PLAN (EACH)	633 INTERCONNECT, MISC.: OVERLASH TO EXISTING INTERCONNECT (FT)	804 FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE (FT)	804 SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN (EACH)	FUSION SPLICE, AS PER PLAN *															
SPRING ST: STA 246+50 TO 256+90																									
517	IC-1	LESTER DR	2+90, 21' LT	5+33, 29' LT	241			241																	
517	SE U-1	LESTER DR	5+33, 29' LT					150	1	24															
517	IC-2	SPRING ST	250+07, 61' RT	253+56, 46' RT	407			407																	
517	SE U-2	SPRING ST	253+56, 46' RT					150	1																
517	IC-3	ELIJAH PIERCE DR	5+41, 11' LT	3+00, 51' RT	253			253		24															
			PULLBOX SLACK					40																	
LONG ST: STA 248+50 TO 259+50																									
518	IC-1	LONG ST	248+30, 26' LT	249+77, 28' RT			206	206																	
518	IC-2	LONG ST	249+77, 28' RT			1		35																	
518	IC-3	LONG ST	249+77, 28' RT	249+77, 36' RT	10			10																	
518	SE U-1	LONG ST	249+77, 36' RT					150	1	24															
518	IC-4	LONG ST	249+77, 36' RT	251+75, 33' RT	198			198																	
518	SE U-2	LONG ST	251+75, 33' RT					225	1	36															
518	IC-5	LONG ST	251+75, 33' RT	257+90, 33' RT	710			710																	
518	SE U-3	LONG ST	257+90, 33' RT					75	1	12															
518	IC-6	LONG ST/LESTER DR	251+75, 33' RT	2+90, 21' LT	325			325																	
518	IC-7	LONG ST	255+82, 31' RT					225	1	36															
518	IC-8	LONG ST./ELI. PIER. DR	255+82, 31' RT	3+00, 51' RT	331			331																	
			OVERHEAD SAG				3	3																	
			PULLBOX SLACK					50																	
			SHEET TOTAL		2475	1	209	3784	6	156	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

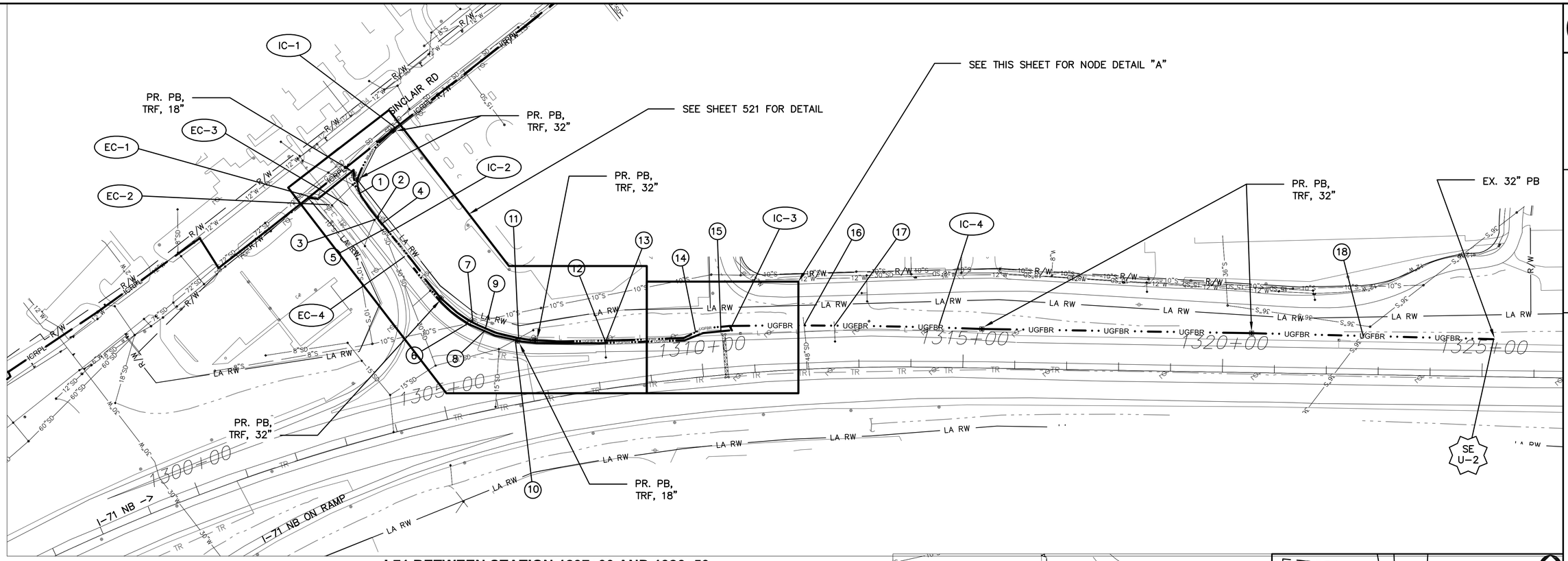
2762 DR. E

PID NUMBER 13034

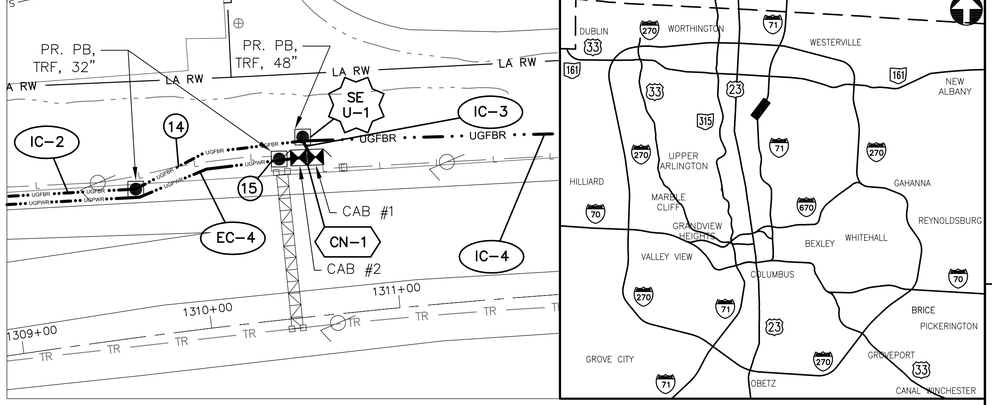
INTERCONNECT QUANTITIES – LESTER DR BTW STA. 2+90 TO 5+33, SPRING BTW 250+07 TO 253+56, & LONG BTW 248+30 TO 257+90

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

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I-71 BETWEEN STATION 1297+00 AND 1326+50



DETAIL "A"
SCALE: 1"=40'

KEY PLAN
NOT TO SCALE

NODE #071116.2
REFER TO SHEETS 1080 AND 1081
FOR COMMUNICATION DETAILS

REFER TO SHEET 379 FOR
INTERCONNECT SHEET INDEX

NOTES:

1. SEE SHEET 522 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 738 FOR COMMUNICATION DETAILS.
3. SEE SHEETS 54–59 FOR NODE DETAILS.
4. SEE SHEET 66 FOR POWER DETAILS.

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 15 AND 16.

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CITY OF COLUMBUS UTILITY LEGEND
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- ☒ WATER
- ☐ POWER
- ☐ LIGHTING

2762 DR. E

HORIZONTAL SCALE IN FEET
0 100 200

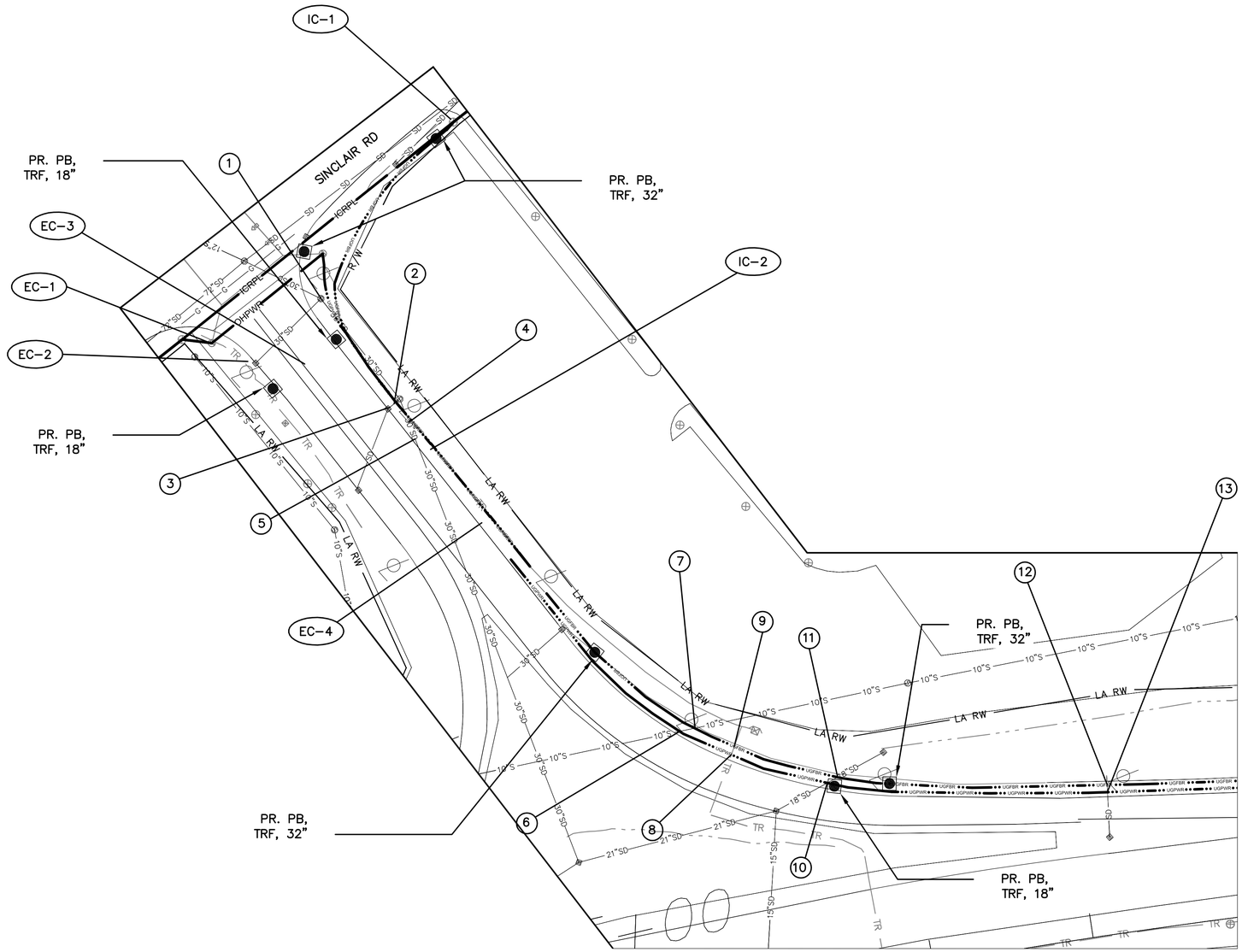
PID NUMBER 13034

I-71 BETWEEN STA. 1297+00 AND 1326+50

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

520
1107

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I-71 BETWEEN STATION 1302+00 AND 1309+00

NOTES:

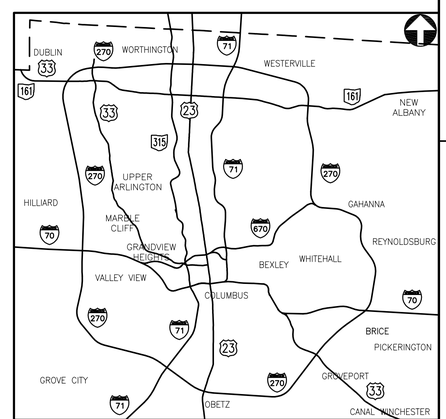
1. ITEMS ON THIS SHEET ARE SHOWN FOR DETAIL PURPOSES ONLY AND ARE IDENTICAL TO ITEMS ON SHEET 520. SEE SHEET 522 FOR INTERCONNECT QUANTITIES.

2. SEE SHEET 738 AND 1081 FOR COMMUNICATION DETAILS.

3. SEE SHEET 66 FOR POWER SERVICE DETAILS.

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 16.

UNDERGROUND UTILITIES
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KEY PLAN
NOT TO SCALE

CITY OF COLUMBUS UTILITY LEGEND
- ☒ SEWER
- ☒ WATER
- ☐ POWER
- ☐ LIGHTING

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

I-71 BETWEEN STA. 1297+00 AND 1326+50

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

521
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION		CONDUIT, 2", 725.05, AS PER PLAN	CONDUIT, 3", 725.05, AS PER PLAN	CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, 725.05, 3", AS PER PLAN	NO. 2 AWG 600 VOLT DISTRIBUTION CABLE	POWER SERVICE, AS PER PLAN	PULL BOX, 18", AS PER PLAN	PULL BOX, MISC.: CONCRETE, 32"	PULL BOX, MISC.: CONCRETE, 48"	TRENCH, 36" DEEP, AS PER PLAN	CONDUIT: 2" RISER, AS PER PLAN	CONTROLLER ITEM, MISC.: COMMUNICATIONS NODE	CONTROLLER ITEM, MISC.: FIBER OPTIC ETHERNET TRANSCEIVER	CONTROLLER ITEM, MISC.: LAYER 3 ETHERNET SWITCH	FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE	FIBER OPTIC CABLE, MISC.: 24 COUNT PRE-TERMINATED PATCH PANEL ASSEMBLY	FIBER OPTIC CABLE, MISC.: 24 STRAND CABLE	FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 144 TERMINATION	FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 24 TERMINATION	SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN	FUSION SPLICE, AS PER PLAN *	
					625	625	625	625	625	625	625	625	625	632	633	633	633	804	804	804	804	804	804		
			FROM	TO	FT	FT	FT	FT	EACH	EACH	EACH	EACH	FT	EACH	EACH	EACH	EACH	FT	EACH	FT	EACH	EACH	EACH		
I-71: STA 1297+00 TO 1326+50																									
520	IC-1	I-71	1305+26, 569' LT											1				70							
520	IC-2	I-71	1305+26, 569' LT	1310+58, 93' LT		2024					5	1	1012					2024							
520	SE U-1	I-71	1310+58, 93' LT															300		75			1	288	
520	IC-3	I-71	1310+58, 93' LT	1310+62, 84' LT		20							10					40		20					
520	CN-1	I-71	1310+62, 84' LT												1	7	1		1		2	1			
520	IC-4	I-71	1310+58, 93' LT	1325+21, 72' LT		2942					2		1471							1471					
520	SE U-2	I-71	1325+21, 72' LT																	150			1	48	
520	EC-1	I-71	1303+70, 472' LT						1																
520	EC-2	I-71	1303+70, 472' LT	1303+96, 435' LT	49			147		1			49												
520	EC-3	I-71	1303+96, 435' LT	1304+36, 455' LT			50	150		1															
520	EC-4	I-71	1304+36, 455' LT	1310+57, 84' LT	836			2538		2			836												
520			PULL BOX SLACK					60										100		20					
			SHEET TOTAL		885	4986	50	2895	1	4	7	1	3378	1	1	7	1	2534	1	1736	2	1	2	336	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

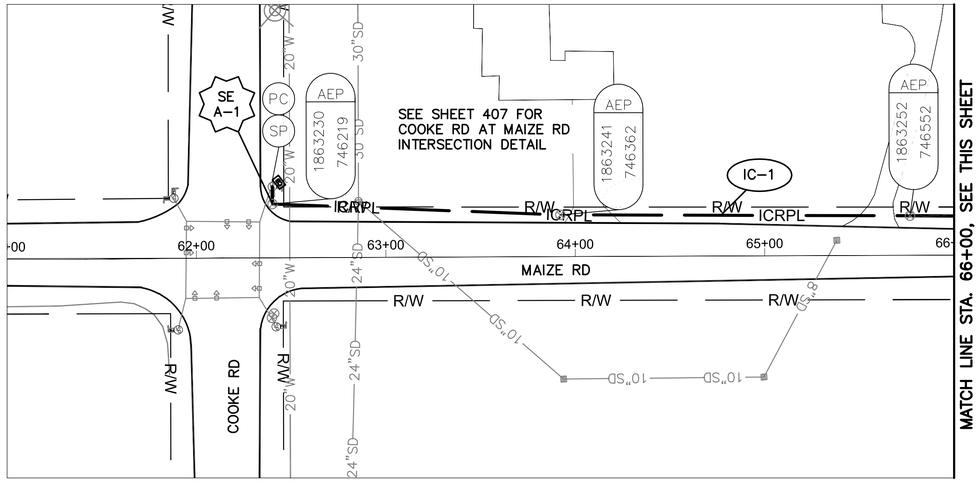
2762 DR. E

PID NUMBER 13034

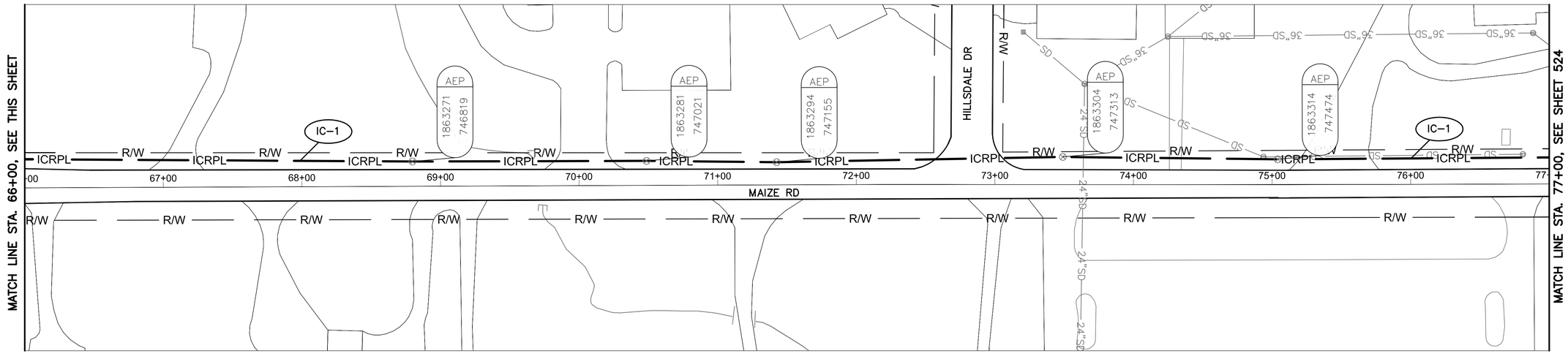
INTERCONNECT QUANTITIES
I-71 BETWEEN STA. 1286+00 AND 1333+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

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MAIZE RD BETWEEN STATION 61+00 AND 66+00



MAIZE RD BETWEEN STATION 66+00 AND 77+00

NOTES:

1. SEE SHEET 526 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 738 FOR COMMUNICATION DETAILS.

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- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

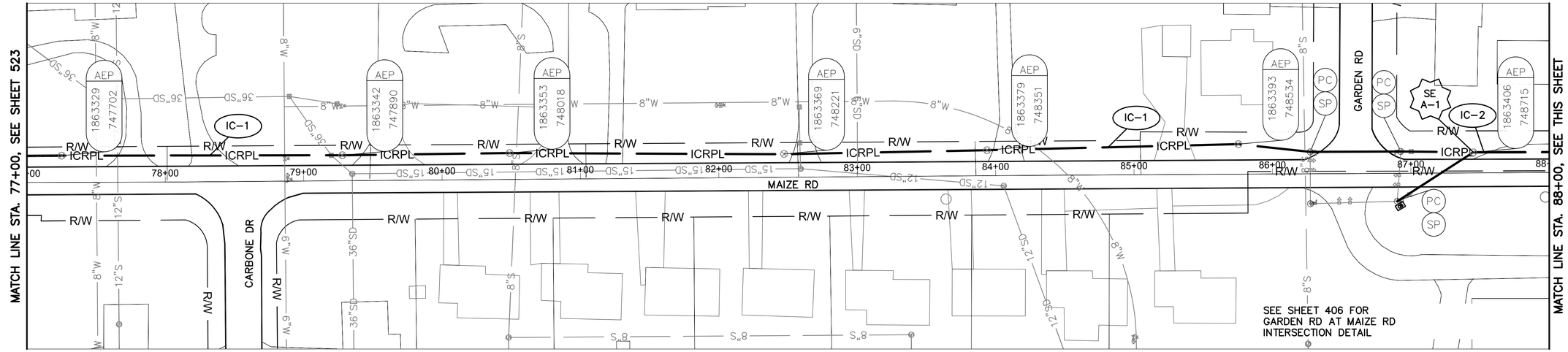
PID NUMBER 13034

INTERCONNECT PLAN
MAIZE RD BETWEEN STA. 61+00 AND 77+00

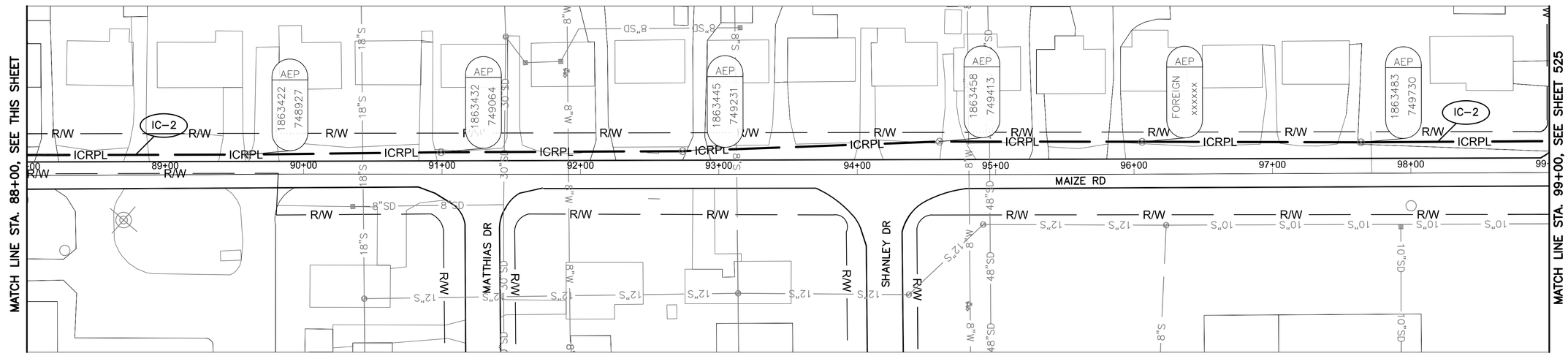
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

523
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_43A_Maize_Corridor.dwg – MZ-1 layout ~ last saved by: COI, rtrapp 09/16/2014 05:04pm ~ printed 07/01/2015 11:29am



MAIZE RD BETWEEN STATION 77+00 AND 88+00



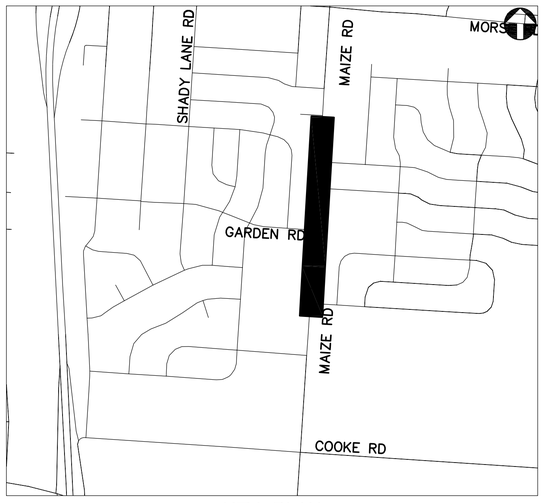
MAIZE RD BETWEEN STATION 88+00 AND 99+00

NOTES:

1. SEE SHEET 526 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 738 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

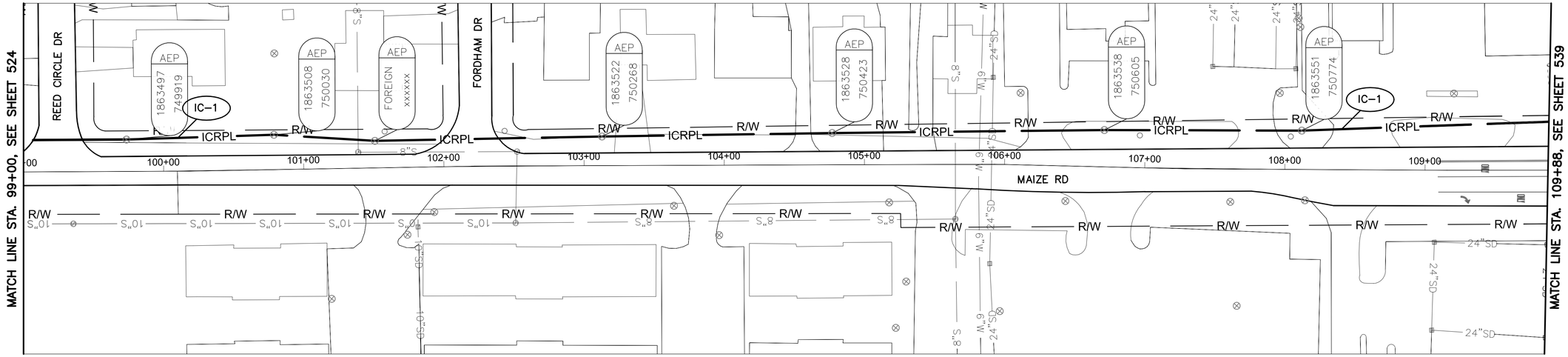
PID NUMBER 13034

INTERCONNECT PLAN
MAIZE RD BETWEEN STA. 77+00 AND 99+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

524
1107

J:\jobs\47857\TECHPROD\Sheets\FM_43A_Maize_Corridor.dwg - MZ-2 layout ~ last saved by: COL rlrapp 09/16/2014 05:04pm ~ printed 07/01/2015 11:29am



MAIZE RD BETWEEN STATION 99+00 AND 109+88

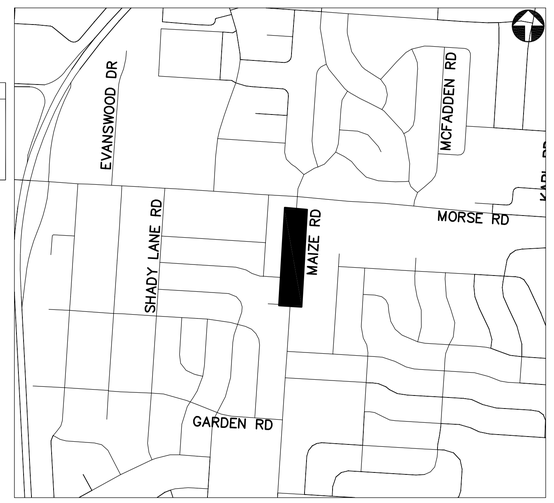
NOTES:

1. SEE SHEET 526 FOR INTERCONNECT QUANTITIES.

2. SEE SHEET 738 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

INTERCONNECT PLAN
MAIZE RD BETWEEN STA. 99+00 AND 109+88

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

525
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION FROM	STATION TO	632 MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES (FT)	633 INTERCONNECT, MISC.: REMOVE EXISTING OVERHEAD INTERCONNECT (FT)	804 FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE (FT)	804 SPLICE ENCLOSURE: OVERHEAD, AS PER PLAN (EACH)	FUSION SPLICE, AS PER PLAN *																
MAIZE RD: STA 61+00 TO 77+00																									
523	SE A-1	MAIZE RD	62+40, 28' LT				75	1	12																
523	IC-1	MAIZE RD	62+40, 28' LT	77+00, 19' LT	1460	1460	1460																		
523			OVERHEAD SAG		22		22																		
MAIZE RD: STA 77+00 TO 99+00																									
524	IC-1	MAIZE RD	77+00, 19' LT	87+45, 16 LT	1045	1045	1045																		
524	SE A-1	MAIZE RD	87+45, 16 LT				75	1	12																
524	IC-2	MAIZE RD	87+45, 16 LT	99+00, 23' LT	1155	1155	1155																		
524			OVERHEAD SAG		33		33																		
MAIZE RD: STA 99+00 TO 109+88																									
525	IC-1	MAIZE RD	99+00, 23' LT	109+88, 35' LT	1089	1089	1089																		
525			OVERHEAD SAG		16		16																		
			SHEET TOTAL		4820	4749	4970	2	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

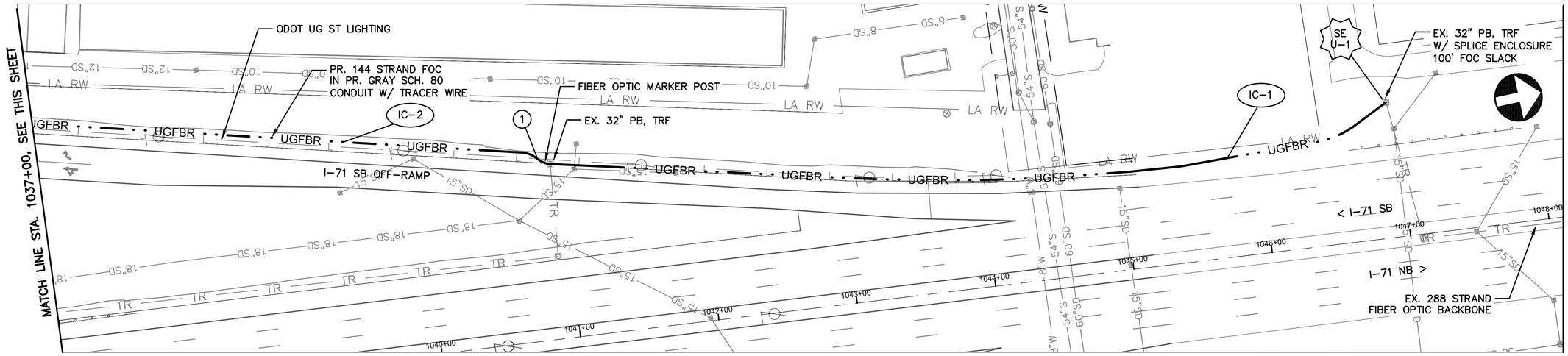
2762 DR. E

PID NUMBER 13034

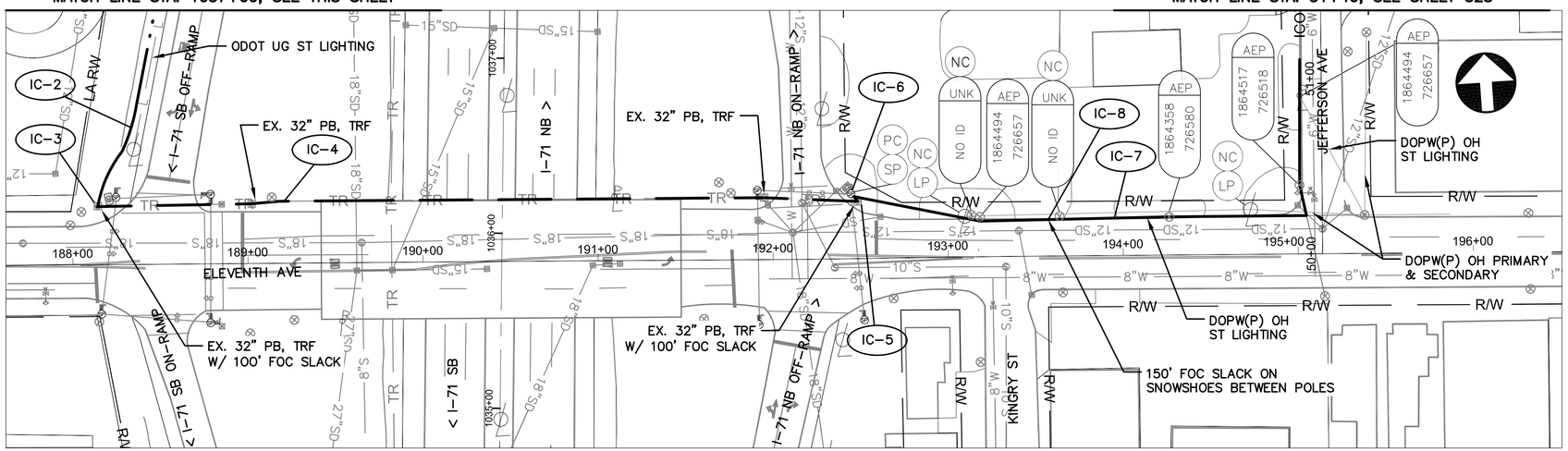
INTERCONNECT QUANTITIES
MAIZE RD BETWEEN STA. 61+00 AND 109+88

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

J:\Jobs\47857\TECHPROD\Sheets\IC_Quantity_Sheet_Maize.dwg – Quan layout ~ last saved by: CCI, rwegehaupt 03/18/2015 10:07am ~ printed 07/01/2015 11:30am



I-71 BETWEEN STATION 1037+00 AND 1048+00



ELEVENTH AVE BETWEEN STATION 187+60 AND 196+50

NOTES:

1. SEE SHEET 534 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 741 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☒ POWER
- ☒ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

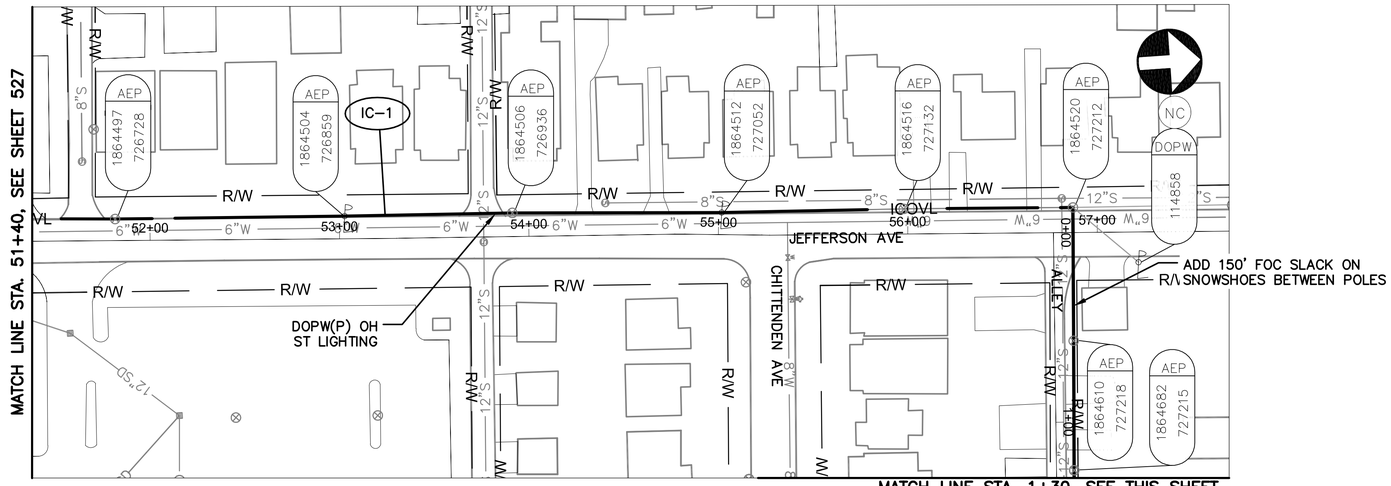
PID NUMBER 13034

INTERCONNECT PLAN – I-71 BETWEEN STA. 1037+00 AND 1048+00 & ELEVENTH AVE BETWEEN STA. 187+60 AND 196+50

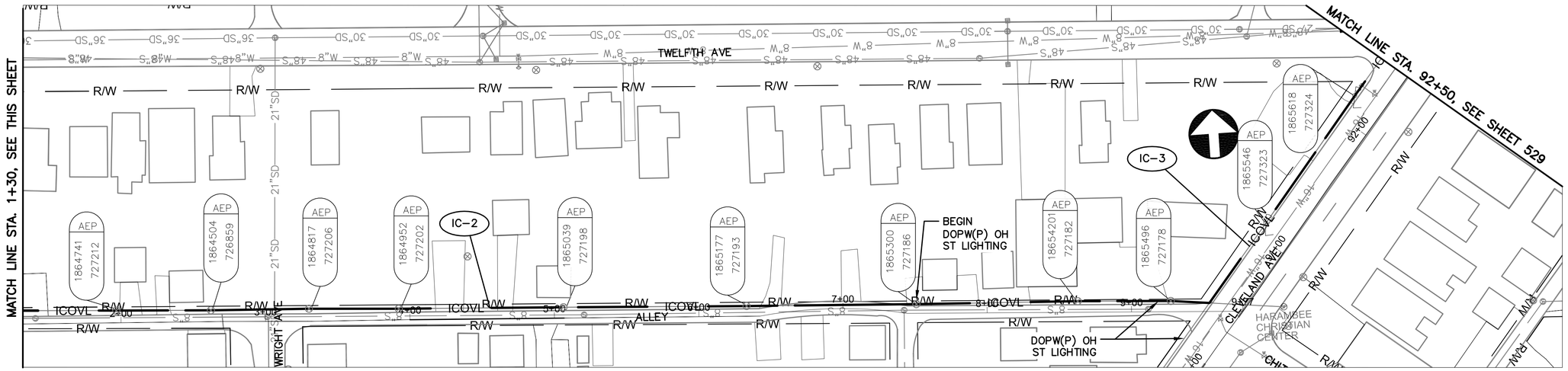
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

527
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_TMC connection_Corridor.dwg – 536A FM_TMC connection_Corridor – TMC-1 layout – last saved by: COI, sdlowry 06/24/2015 11:31am – printed 07/01/2015 11:31am



JEFFERSON AVE BETWEEN STATION 51+40 AND 57+70



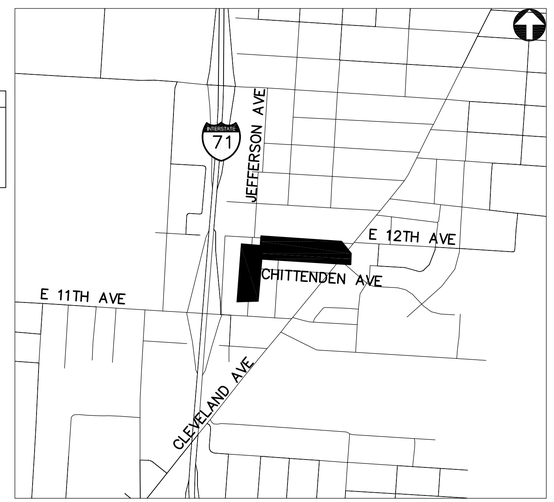
ALLEY BETWEEN STATION 1+30 AND 9+77

NOTES:

1. SEE SHEET 534 FOR INTERCONNECT QUANTITIES.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☒ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

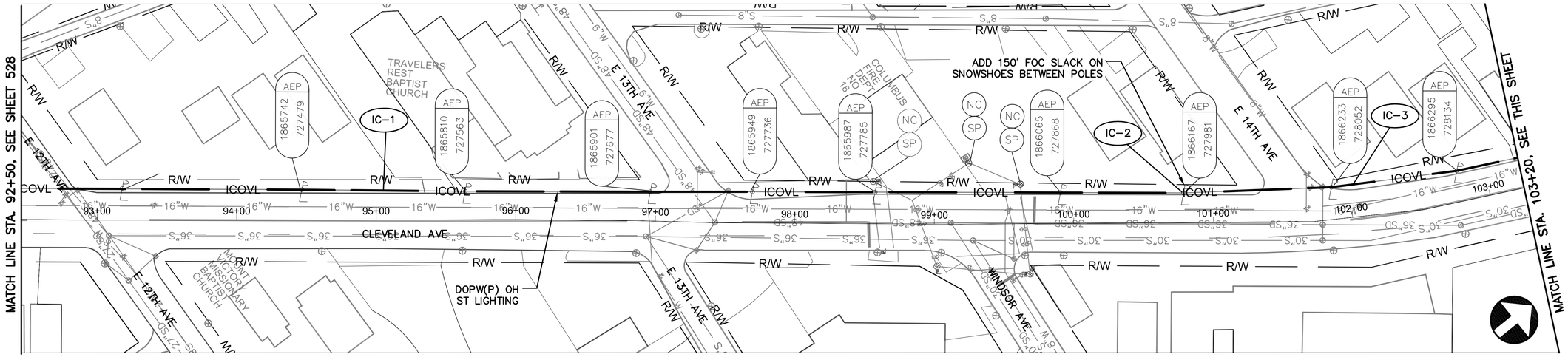
PID NUMBER
13034

INTERCONNECT PLAN – JEFFERSON AVE BETWEEN STA. 51+40 AND 57+70
ALLEY BETWEEN STA. 1+30 AND 9+77

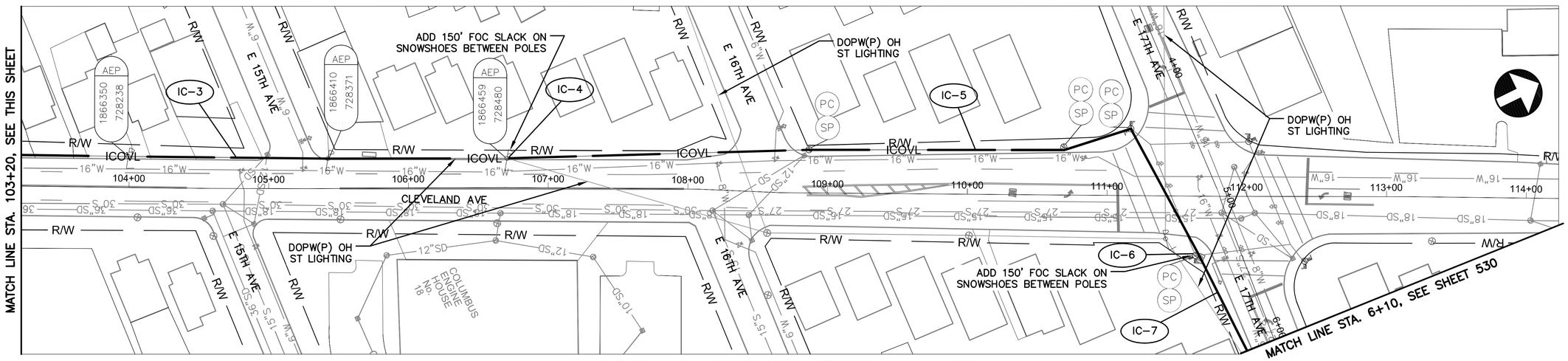
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

528
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_TMC connection_Corridor.dwg ~ 536B FM_TMC connection_Corridor – TMC-2 layout ~ last saved by: CCI, sdlowry 06/24/2015 11:31am ~ printed 07/01/2015 11:32am



CLEVELAND AVE BETWEEN STATION 92+50 AND 103+20



CLEVELAND AVE BETWEEN STATION 103+20 AND 114+20

NOTES:

1. SEE SHEET 534 FOR INTERCONNECT QUANTITIES.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☒ LIGHTING



KEY PLAN
NOT TO SCALE

REFER TO SHEET 375 FOR INTERCONNECT SHEET INDEX

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

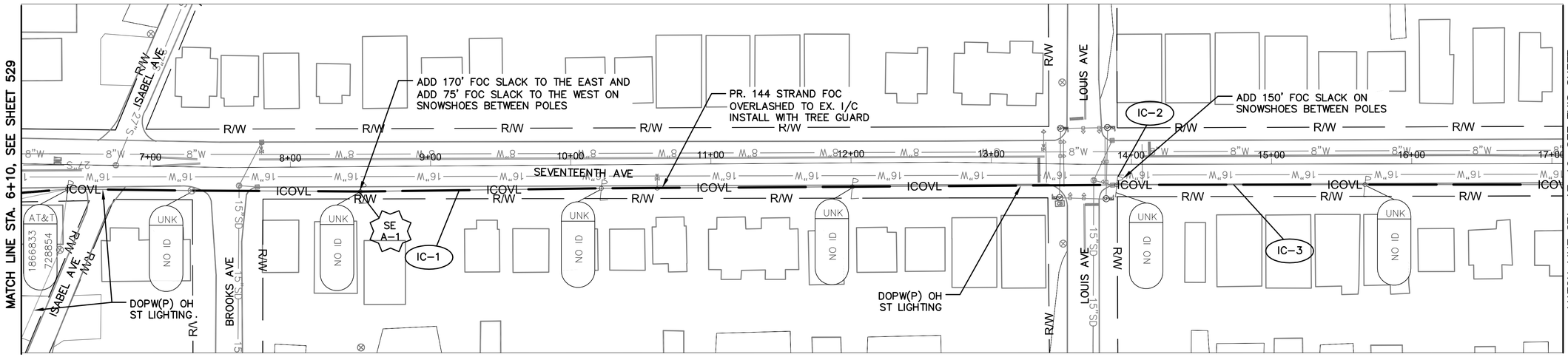
PID NUMBER 13034

INTERCONNECT PLAN
CLEVELAND AVE BETWEEN STA. 92+50 AND 114+20

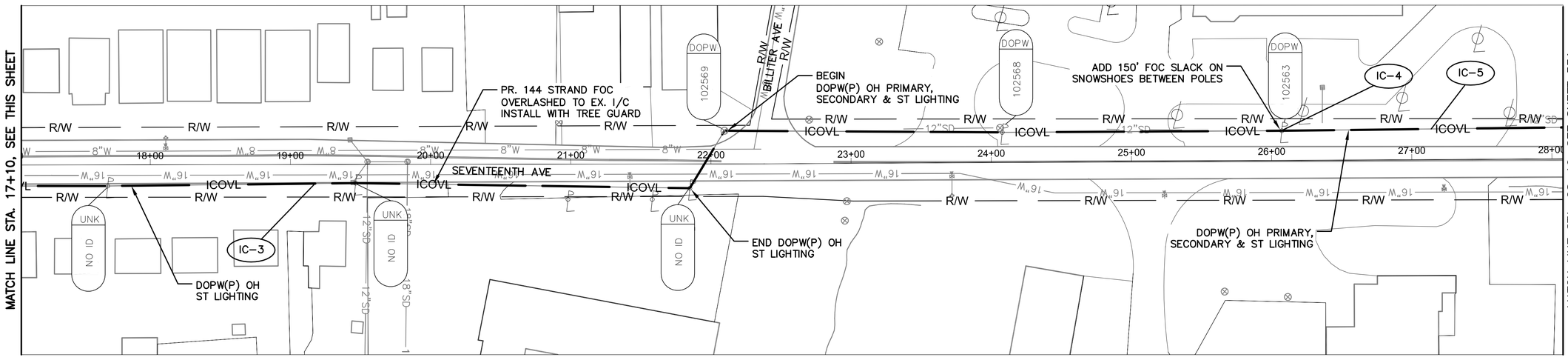
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

529
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_TMC connection_Corridor – 536C FM_TMC connection _Corridor – TMC-3 layout ~ last saved by: CCI, sdlowry 06/24/2015 11:31am ~ printed 07/01/2015 11:32am



SEVENTEENTH AVE BETWEEN STATION 6+10 AND 17+10



SEVENTEENTH AVE BETWEEN STATION 17+10 AND 28+10

NOTES:

1. SEE SHEET 534 FOR INTERCONNECT QUANTITIES.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☒ POWER
- ☒ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

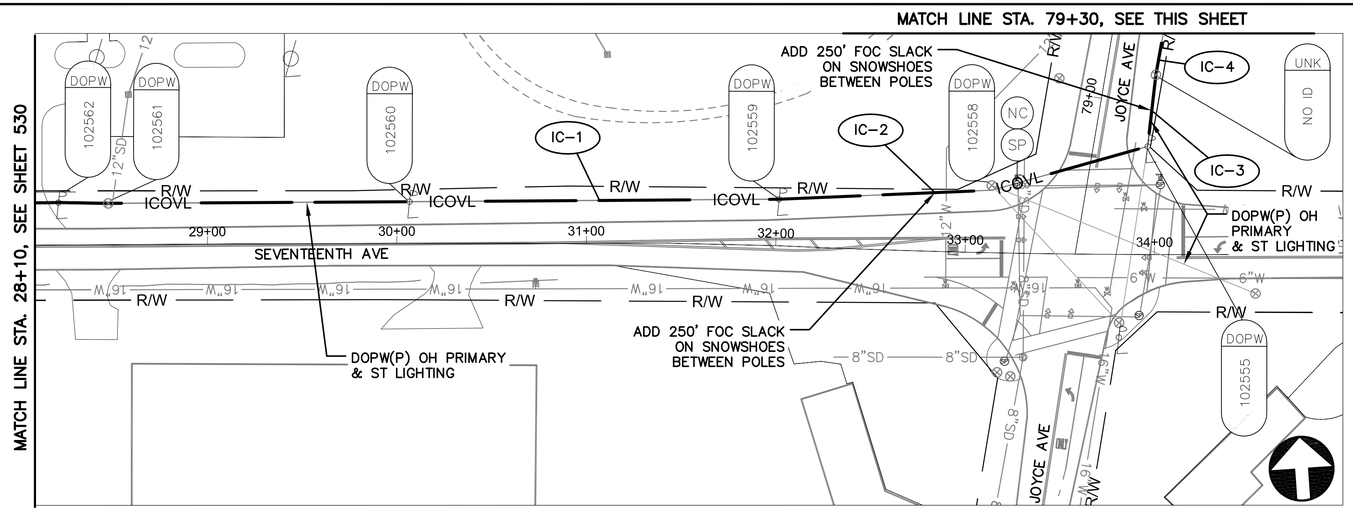
PID NUMBER 13034

INTERCONNECT PLAN
SEVENTEENTH AVE BETWEEN STA. 6+10 AND 28+10

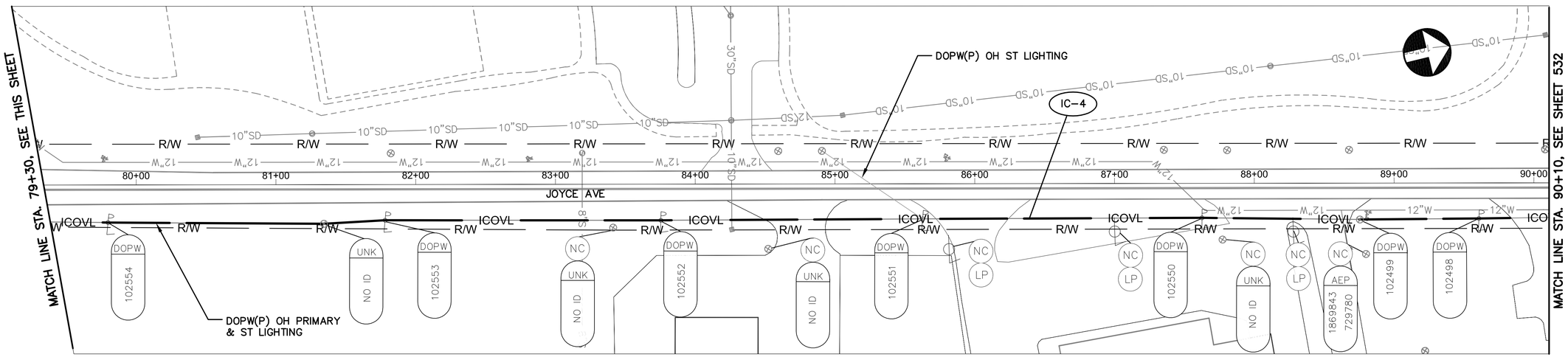
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

530
1107

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SEVENTEENTH AVE BETWEEN STATION 28+10 AND 35+00



JOYCE AVE BETWEEN STATION 79+30 AND 90+10

NOTES:

1. SEE SHEET 534 FOR INTERCONNECT QUANTITIES.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☒ POWER
- ☒ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

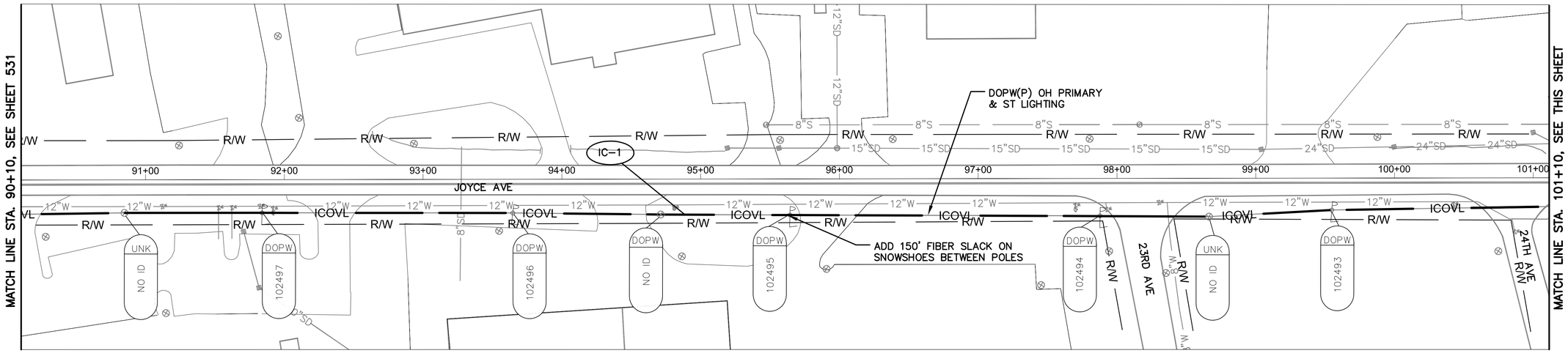
PID NUMBER 13034

INTERCONNECT PLAN – SEVENTEENTH AVE BTW STA. 28+10 AND 35+00 & JOYCE AVE BETWEEN STA. 79+30 AND 90+10

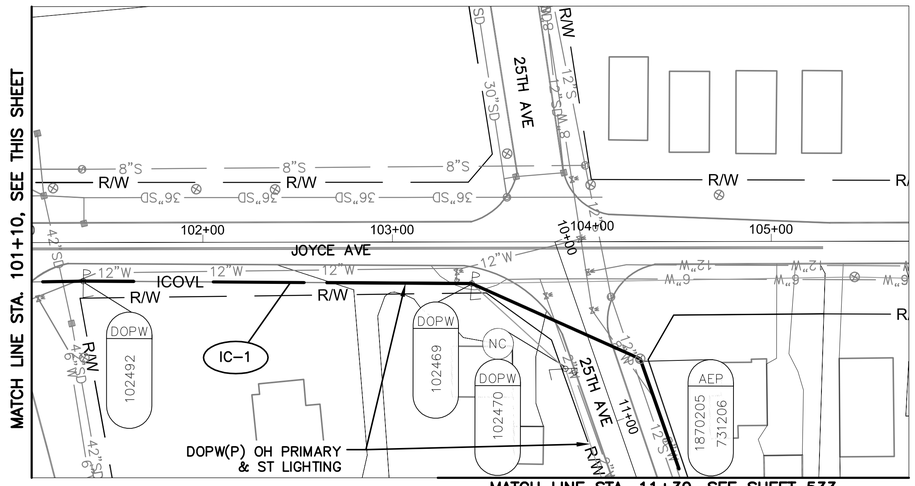
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

531
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_TMC connection_Corridor.dwg – 536E FM_TMC connection_Corridor – TMC-5 layout ~ last saved by: CCI, sdlowry 06/24/2015 11:31am ~ printed 07/01/2015 11:33am



JOYCE AVE BETWEEN STATION 90+10 AND 101+10



JOYCE AVE BETWEEN STATION 101+10 AND 105+70

NOTES:

1. SEE SHEET 534 FOR INTERCONNECT QUANTITIES.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- SEWER
- WATER
- POWER
- LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

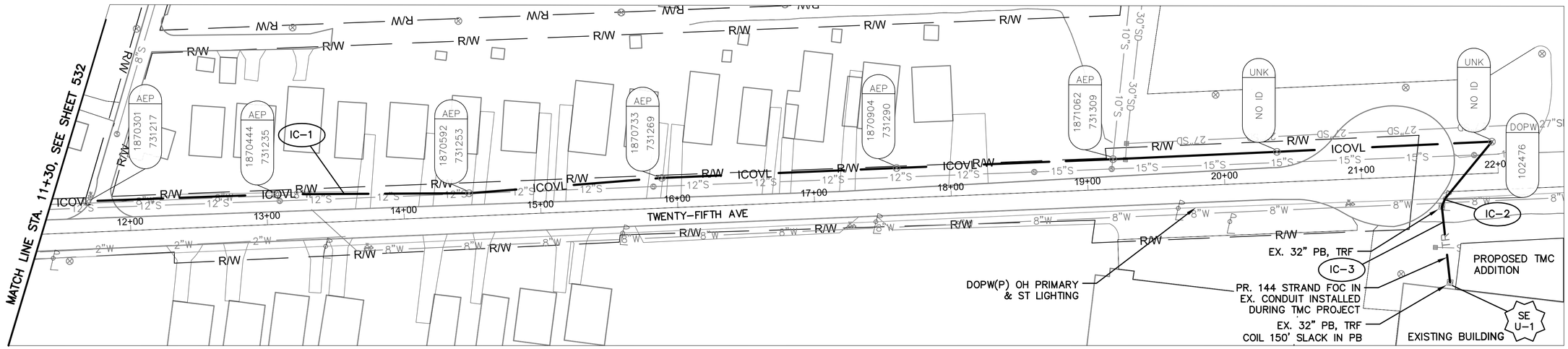
PID NUMBER 13034

INTERCONNECT PLAN - JOYCE AVE BETWEEN STA. 90+10 AND 105+70
& TWENTY-FIFTH AVE BETWEEN 10+00 AND 11+30

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

532
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_TMC connection_Corridor.dwg ~ 536F FM_TMC connection _Corridor ~ TMC-6 layout ~ last saved by: CCI, sdlowry 06/24/2015 11:31am ~ printed 07/01/2015 11:34am



TWENTY-FIFTH AVE BETWEEN STATION 11+30 AND 22+00

NOTES:

1. SEE SHEET 534 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 741 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☒ POWER
- ☒ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

INTERCONNECT PLAN
TWENTY-FIFTH AVE BETWEEN STA. 11+30 AND 22+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

533
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_TMC connection_Corridor.dwg ~ 536G FM_TMC connection _Corridor - TMC-7 layout ~ last saved by: CCI, sdlowry 06/24/2015 11:31am ~ printed 07/01/2015 11:34am

ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION		202	625	625	632	633	804	804														
					EXISTING CONDUIT CLEANED, AS PER PLAN	CONDUIT, 3", 725.05, AS PER PLAN	TRENCH, 36" DEEP, AS PER PLAN	CONDUIT: 2" RISER, AS PER PLAN	INTERCONNECT, MISC.: OVERLASH TO EXISTING INTERCONNECT	FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE	SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN	FUSION SPLICE, AS PER PLAN *													
			FROM	TO	FT	FT	FT	EACH	FT	FT	EACH														
IR-71: STA 1037+00 TO 1047+00/ELEVENTH AVE: STA 187+50 TO 196+50																									
527	SE U-1	I-71 SB	1046+94, 97' LT		610					175	1	24													
527	IC-1	I-71 SB	1046+94, 97' LT	1040+93, 93' LT	610					610															
527	IC-2	I-71 SB	1040+93, 93' LT	1036+13, 231' LT		984	492			492															
527	IC-3	ELEVENTH AVE	188+14, 34' LT							100															
527	IC-4	ELEVENTH AVE	188+14, 34' LT	192+44, 38' LT	440					440															
527	IC-5	ELEVENTH AVE	192+49, 33' LT							100															
527	IC-6	ELEVENTH AVE	192+44, 38' LT					1		135															
527	IC-7	ELEVENTH AVE	192+44, 38' LT	195+02, 139' LT					379	529															
527	IC-8	ELEVENTH AVE	193+58, 21' LT							100															
527			PULL BOX SLACK							30															
527			OVERHEAD SAG							8															
JEFFERSON AVE: STA 51+40 AND 57+70/ALLEY: STA 1+30 TO 9+77																									
528	IC-1	JEFFERSON AVE	51+40, 12' LT	56+87, 129, RT					692	692															
528	IC-2	ALLEY	1+30, 09' LT	9+54, 06' LT					821	821															
528	IC-3	CLEVELAND AVE	91+42, 22' LT	92+50, 22' LT					205	205															
528			OVERHEAD SAG							26															
CLEVELAND AVE: STA 92+50 TO 114+20																									
529	IC-1	CLEVELAND AVE	92+50, 22' LT	100+79, 21' LT					832	832															
529	IC-2	CLEVELAND AVE	100+79, 21' LT							150															
529	IC-3	CLEVELAND AVE	100+79, 21' LT	106+70, 21' LT					588	588															
529	IC-4	CLEVELAND AVE	106+70, 21' LT							150															
529	IC-5	CLEVELAND AVE	106+70, 21' LT	111+64, 42' RT					550	550															
529	IC-6	CLEVELAND AVE	111+64, 42' RT							150															
529	IC-7	CLEVELAND AVE	111+64, 42' RT	112+01, 111' RT					79	79															
529			OVERHEAD SAG							31															
SEVENTEENTH AVE: STA 8+10 TO 28+10																									
530	IC-1	SEVENTEENTH AVE	6+10, 21' RT	13+90,15' RT					781	781															
530	IC-2	SEVENTEENTH AVE	13+90,15' RT							150															
530	IC-3	SEVENTEENTH AVE	13+90,15' RT	26+07, 21' LT					1241	1241															
530	IC-4	SEVENTEENTH AVE	26+07, 21' LT							150															
530	IC-5	SEVENTEENTH AVE	26+07, 21' LT	28+08, 22' LT					200	200															
530			OVERHEAD SAG							33															
SEVENTEENTH AVE: STA 28+10 TO 35+00/JOYCE AVE: STA 79+30 TO 90+10																									
531	IC-1	SEVENTEENTH AVE	28+10, 22' LT	33+96, 57' LT					590	590															
531	IC-2	SEVENTEENTH AVE	32+83, 31' LT							250															
531	IC-3	JOYCE AVE	78+21, 28' RT							250															
531	IC-4	JOYCE AVE	78+21, 28' RT	90+10, 25' RT					1132	1132															
531			OVERHEAD SAG							26															
JOYCE AVE: STA 80+10 TO 106+70																									
532	IC-1	JOYCE AVE	90+10, 25' RT	104+52, 124' RT					1496	1496															
532			OVERHEAD SAG							22															
TWENTY-FIFTH AVE: STA 11+30 TO 22+00																									
533	IC-1	TWENTY-FIFTH AVE	11+43, 23' LT	21+60, 17' RT					1107	1107															
533	IC-2	TWENTY-FIFTH AVE	21+60, 17' RT					1		35															
533	IC-3	TWENTY-FIFTH AVE	21+60, 17' RT	21+61, 78' RT	62					137	1	144													
533			PULL BOX SLACK							20															
533			OVERHEAD SAG							17															
			SHEET TOTAL		1722	984	492	2	10693	14630	2	168	-	-	-	-	-	-	-	-	-	-	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

2762 DR. E

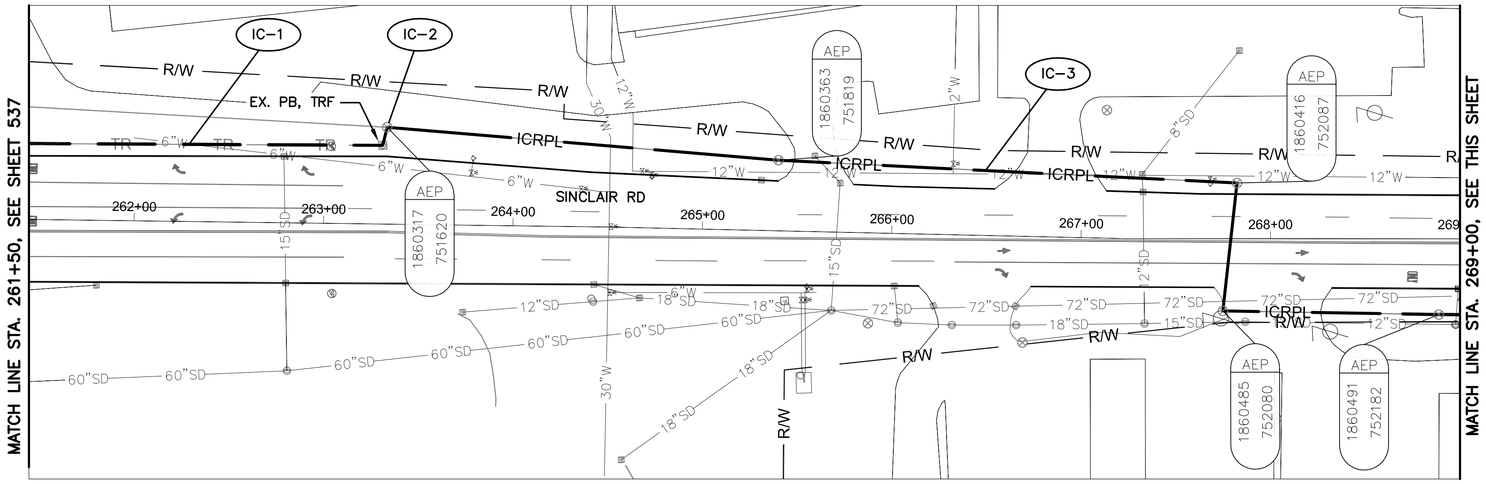
PID NUMBER 13034

INTERCONNECT QUANTITIES
TMC COMMUNICATIONS

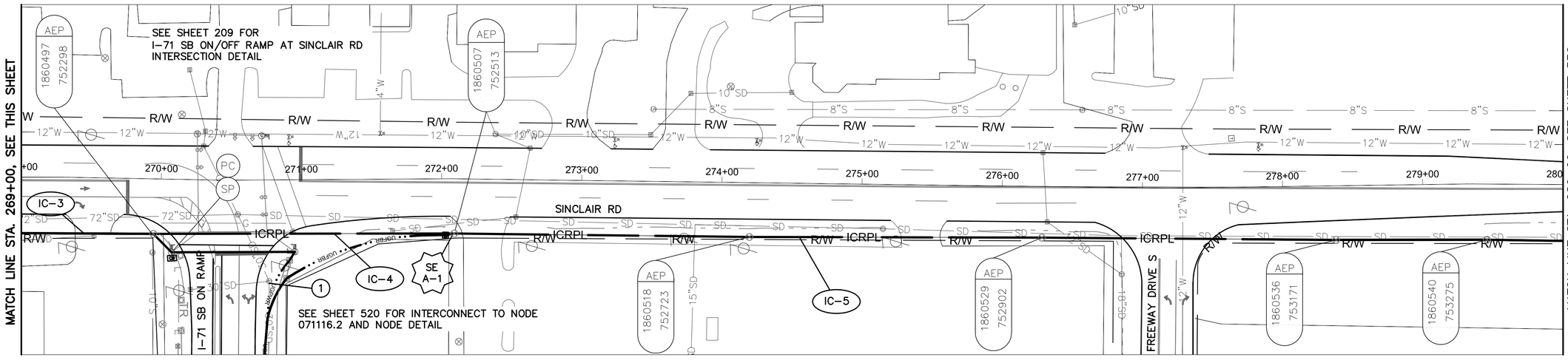
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

534
1107

J:\Jobs\47857\TECHPR00\Sheets\IC_Quantity_Sheet_Maize.dwg – 536H TMC Quan layout ~ last saved by: CCI, rwegehaupt 03/18/2015 10:07am ~ printed 07/01/2015 11:34am



SINCLAIR RD BETWEEN STATION 261+50 AND 269+00



SINCLAIR RD BETWEEN STATION 269+00 AND 280+00

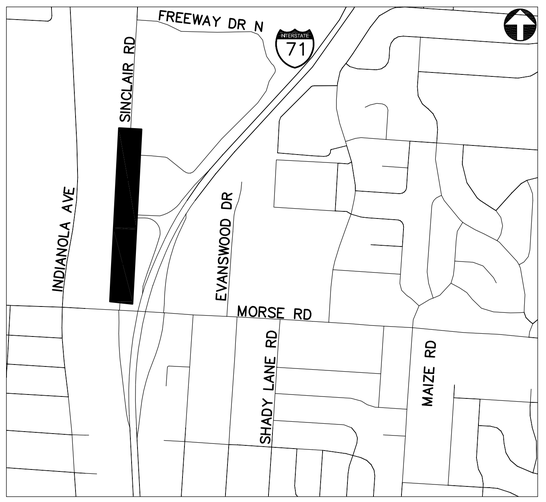
NOTES:

1. SEE SHEET 552 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 738 FOR COMMUNICATION DETAILS.
3. SEE SHEET 44 FOR CONDUIT BANK DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- ☒ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

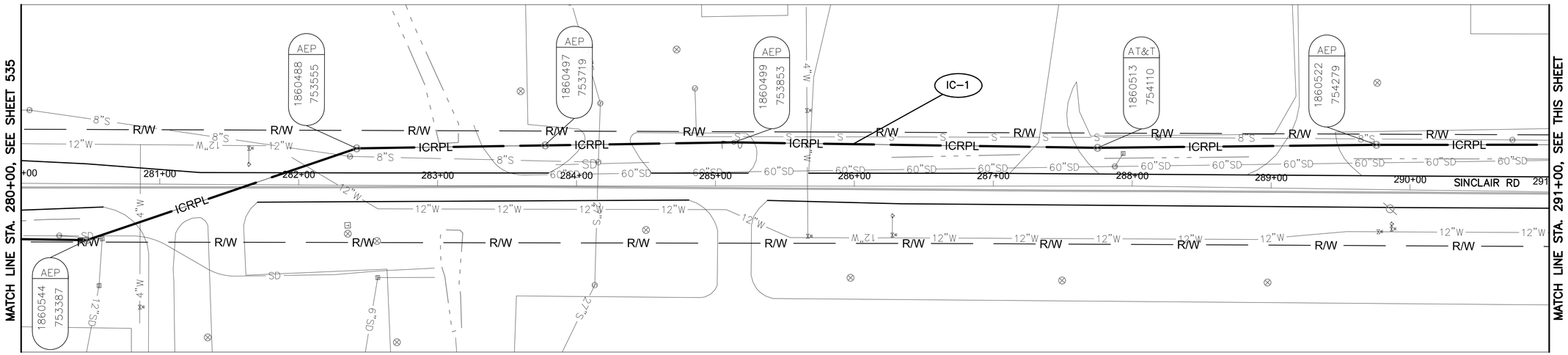
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INTERCONNECT PLAN
SINCLAIR RD BETWEEN STA. 261+50 AND 280+00

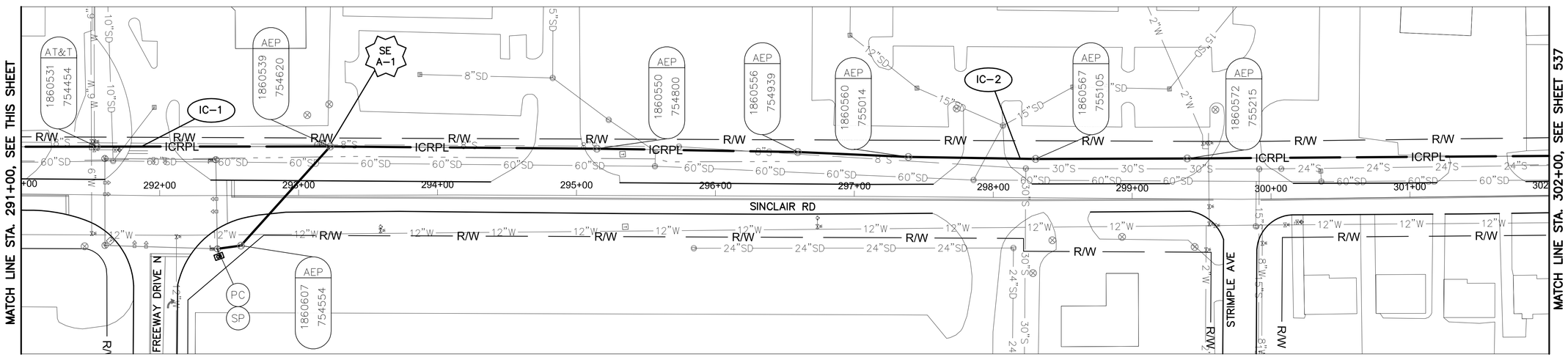
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

535
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_43_Morse_Corridor_A.dwg - 537 FM_43_Morse_Corridor_A - MS-1 layout ~ last saved by: COI, sdlowry 06/24/2015 02:42pm ~ printed 07/01/2015 11:35am



SINCLAIR RD BETWEEN STATION 280+00 AND 291+00



SINCLAIR RD BETWEEN STATION 291+00 AND 302+00

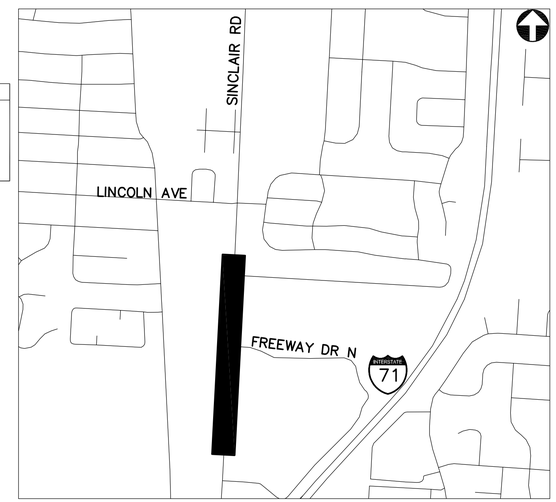
SEE SHEET 211 FOR
FREEWAY DR N AT SINCLAIR RD
INTERSECTION DETAIL

NOTES:

1. SEE SHEET 552 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 738 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
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CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

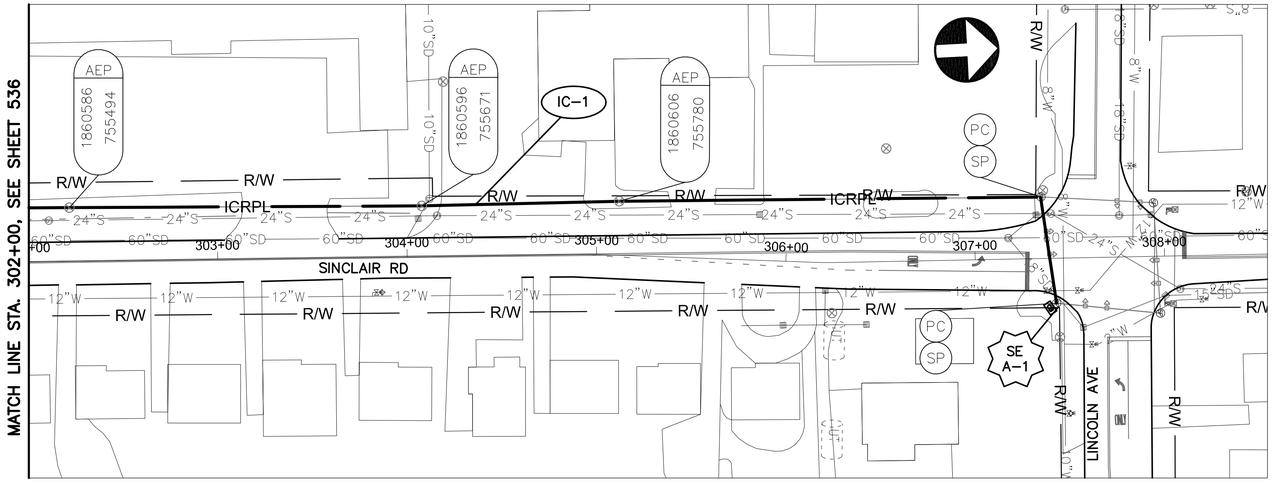
PID NUMBER 13034

INTERCONNECT PLAN
SINCLAIR RD BETWEEN STA. 280+00 AND 302+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

536
1107

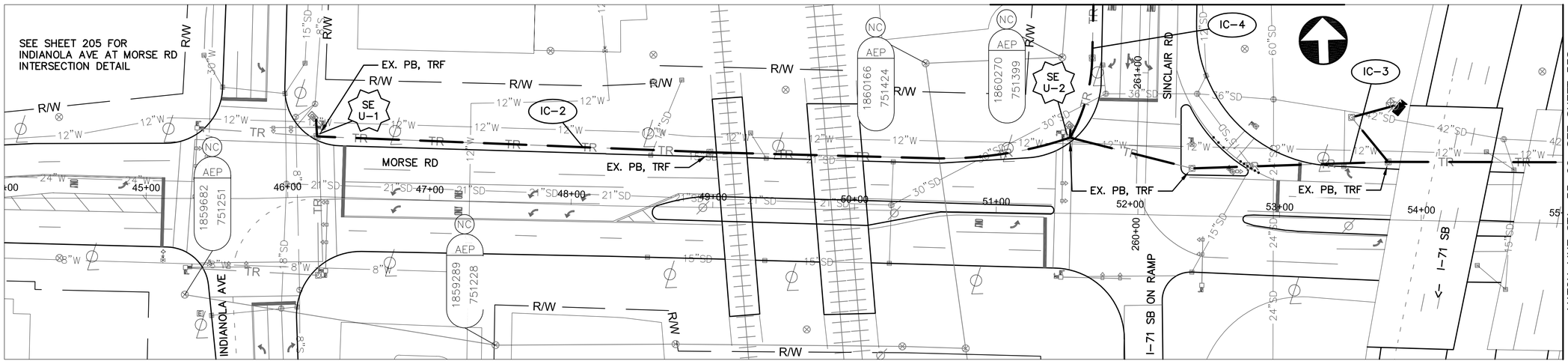
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SEE SHEET 212 FOR
LINCOLN AVE AT SINCLAIR RD
INTERSECTION DETAIL

SINCLAIR RD BETWEEN STATION 302+00 AND 308+50

MATCHLINE STA. 261+50, SEE SHEET 535



MORSE RD BETWEEN STATION 44+00 AND 55+00

SEE SHEET 206 FOR
MORSE RD AT SINCLAIR RD
INTERSECTION DETAIL

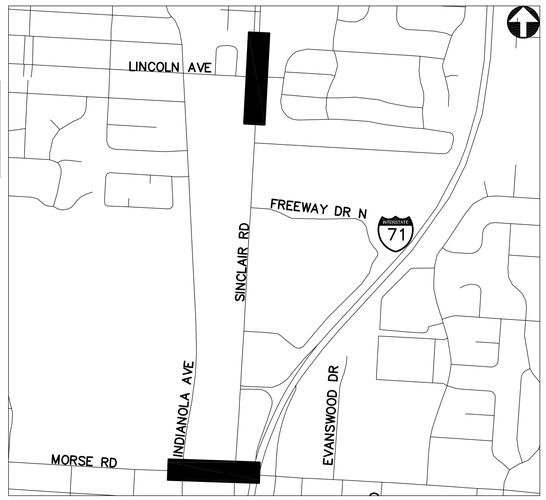
NOTES:

1. SEE SHEET 552 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 738 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS
UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR
INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

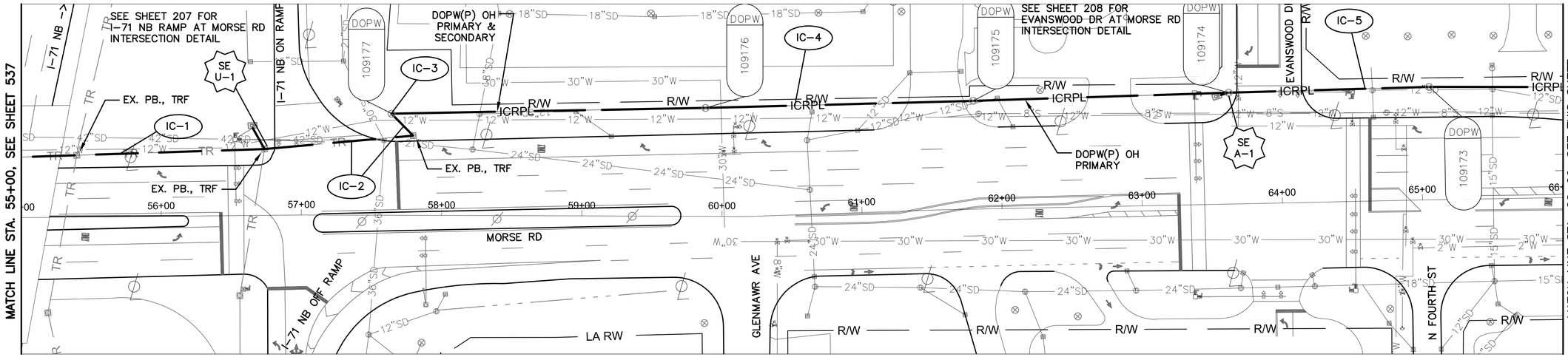
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13034

INTERCONNECT PLAN – SINCLAIR RD BTW STA. 302+00 AND 308+50
& MORSE RD BTW STA. 44+00 AND 55+00

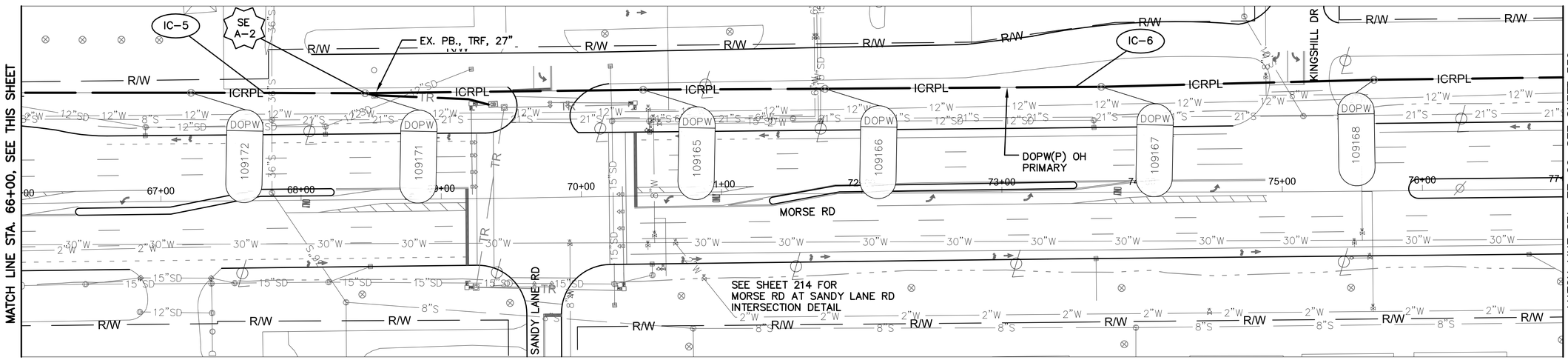
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

537
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_43_Morse_Corridor_A.dwg – MS-3 layout ~ last saved by: CCL, sdlowry 06/24/2015 02:42pm ~ printed 07/01/2015 11:36am



MORSE RD BETWEEN STATION 55+00 AND 66+00



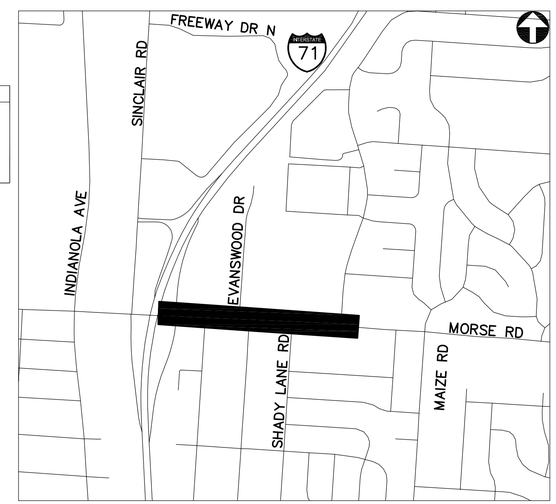
MORSE RD BETWEEN STATION 66+00 AND 77+00

NOTES:

1. SEE SHEET 552 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 738 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
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CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☒ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

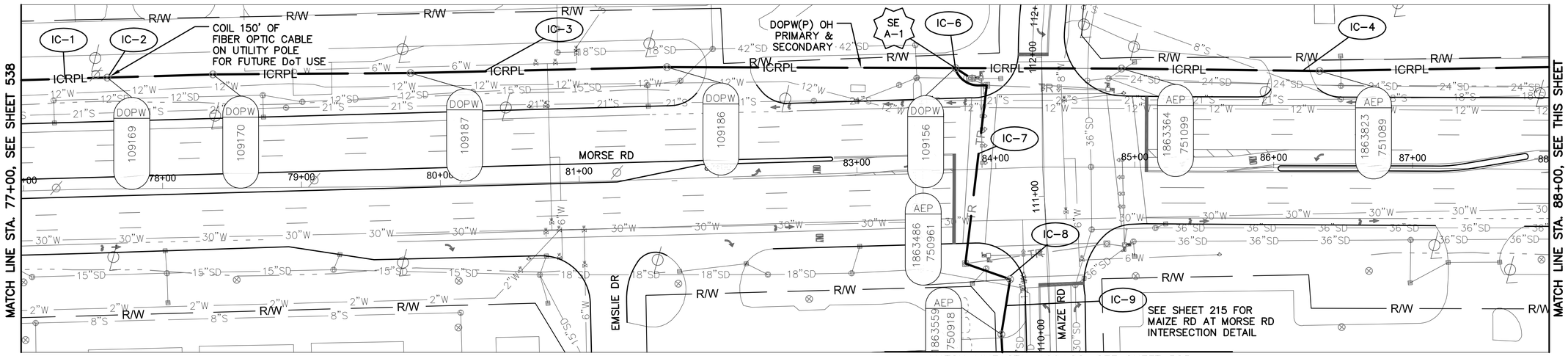
PID NUMBER 13034

INTERCONNECT PLAN
MORSE RD BETWEEN STA. 55+00 AND 77+00

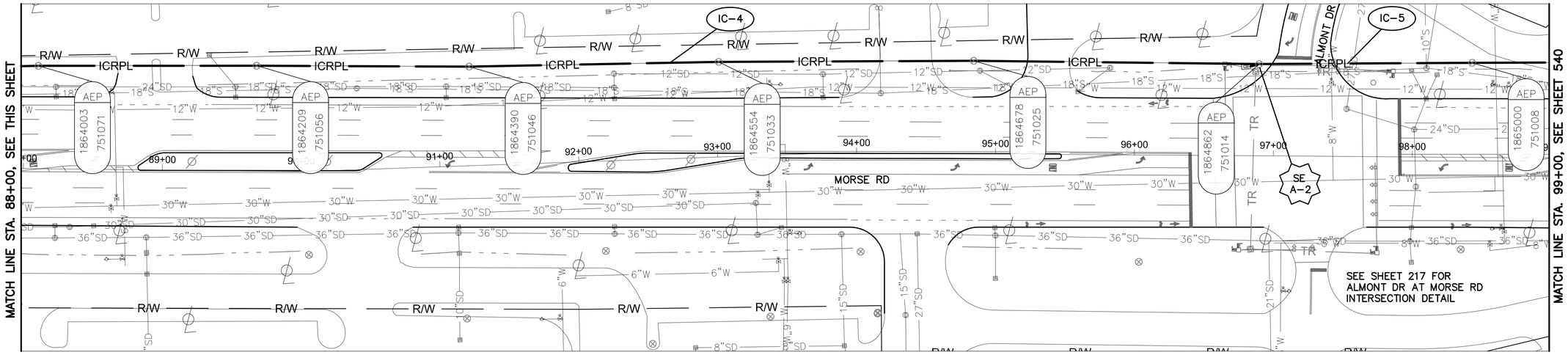
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

538
1107

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MORSE RD BETWEEN STATION 77+00 AND 88+00



MORSE RD BETWEEN STATION 88+00 AND 99+00

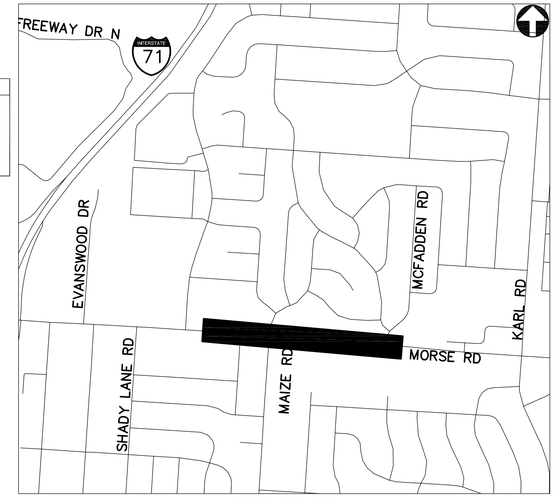
NOTES:

1. SEE SHEET 552 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 738 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
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CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☒ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

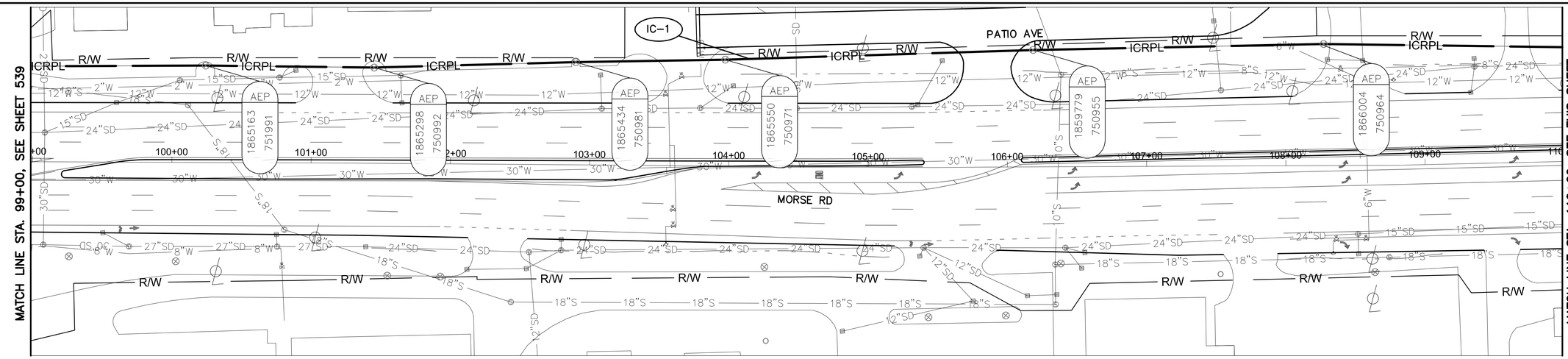
PID NUMBER 13034

INTERCONNECT PLAN
MORSE RD BETWEEN STA. 77+00 AND 99+00

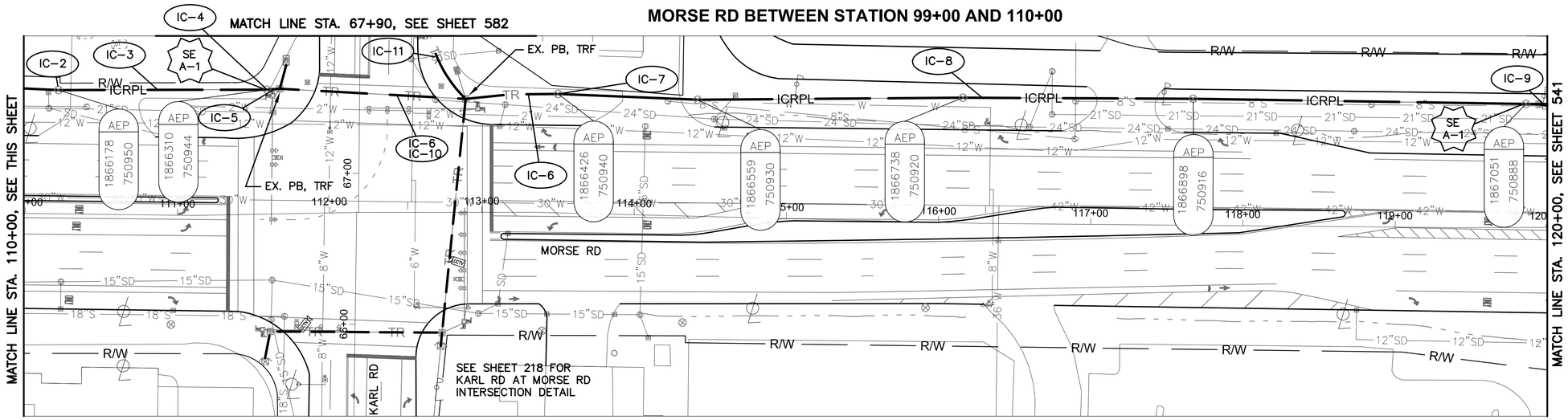
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

539
1107

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MORSE RD BETWEEN STATION 99+00 AND 110+00



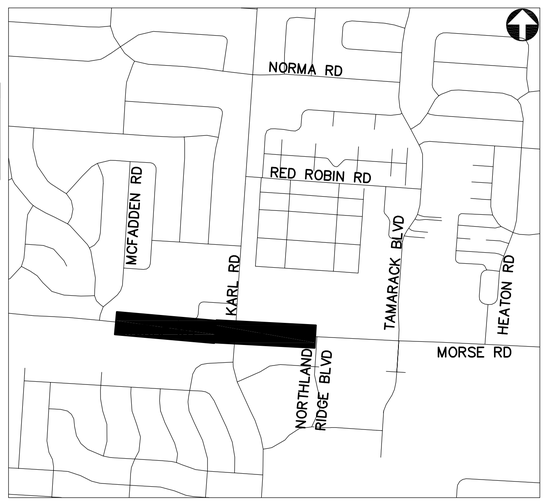
MORSE RD BETWEEN STATION 110+00 AND 120+00
KARL RD BETWEEN STATION 65+40 AND 67+90

NOTES:

1. SEE SHEET 553 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 738 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
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CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



KEY PLAN
NOT TO SCALE

REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

2762 DR. E

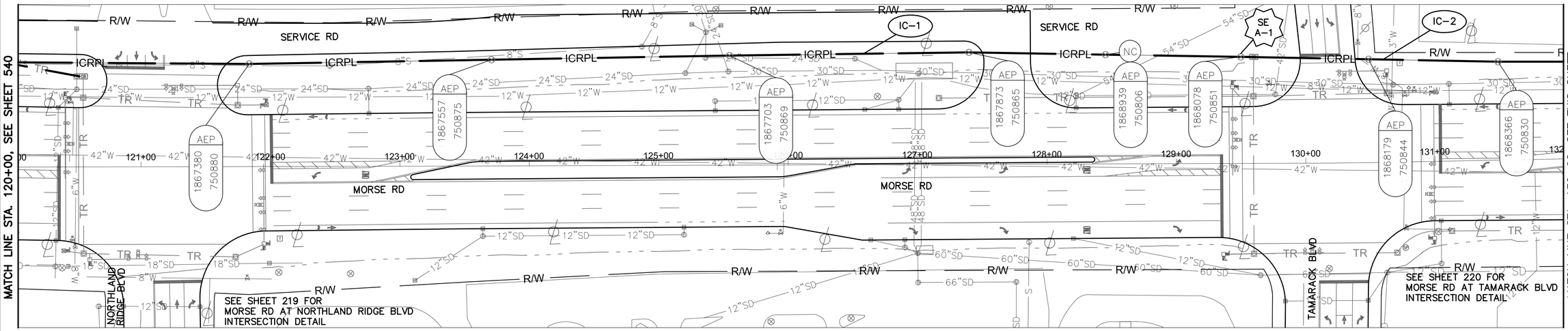
HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

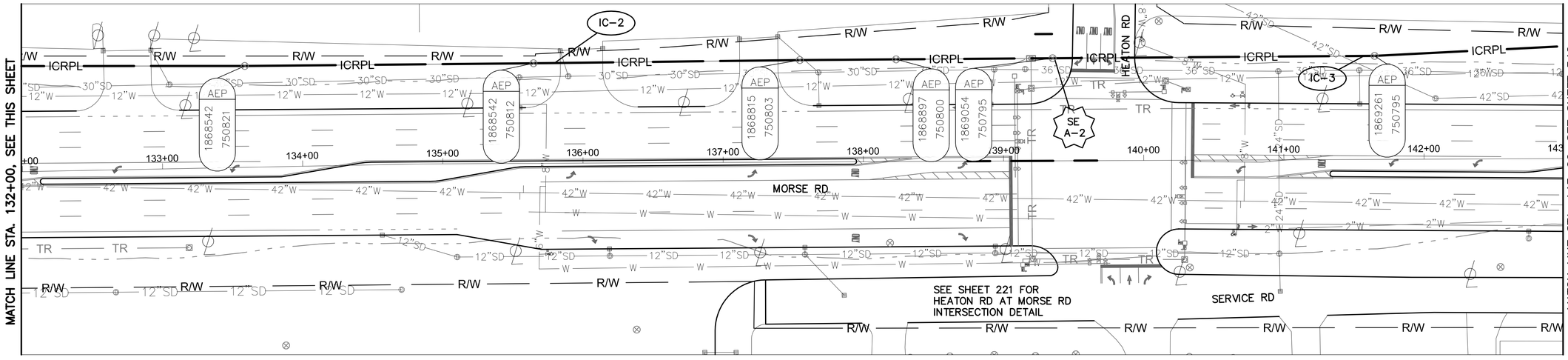
INTERCONNECT PLAN – MORSE RD BETWEEN STA. 99+00 AND 120+00 & KARL RD BETWEEN STA. 65+40 AND 67+90

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

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MORSE RD BETWEEN STATION 120+00 AND 132+00



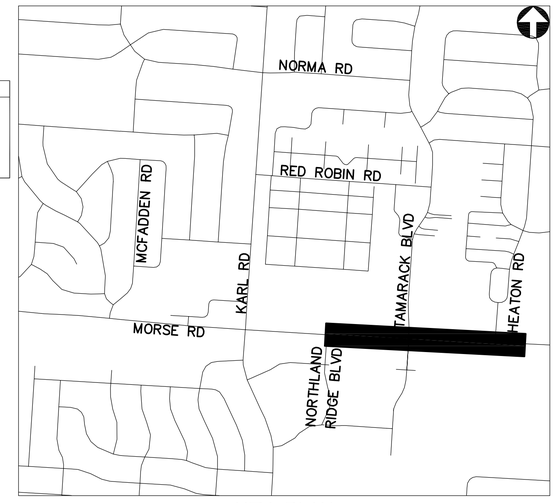
MORSE RD BETWEEN STATION 132+00 AND 143+00

NOTES:

1. SEE SHEET 553 FOR INTERCONNECT QUANTITIES.
2. SEE SHEETS 738 AND 739 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

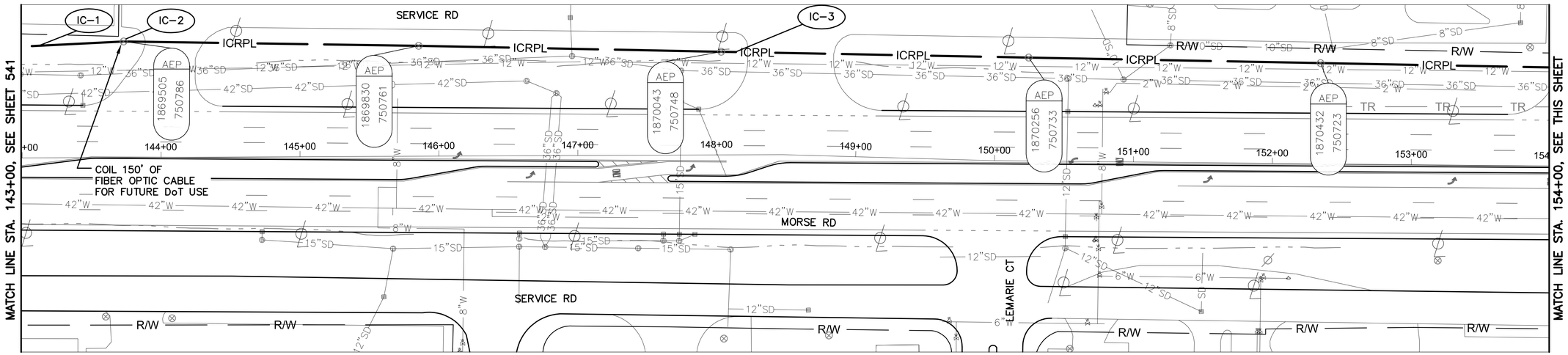
PID NUMBER 13034

INTERCONNECT PLAN
MORSE RD BETWEEN STA. 120+00 AND 143+00

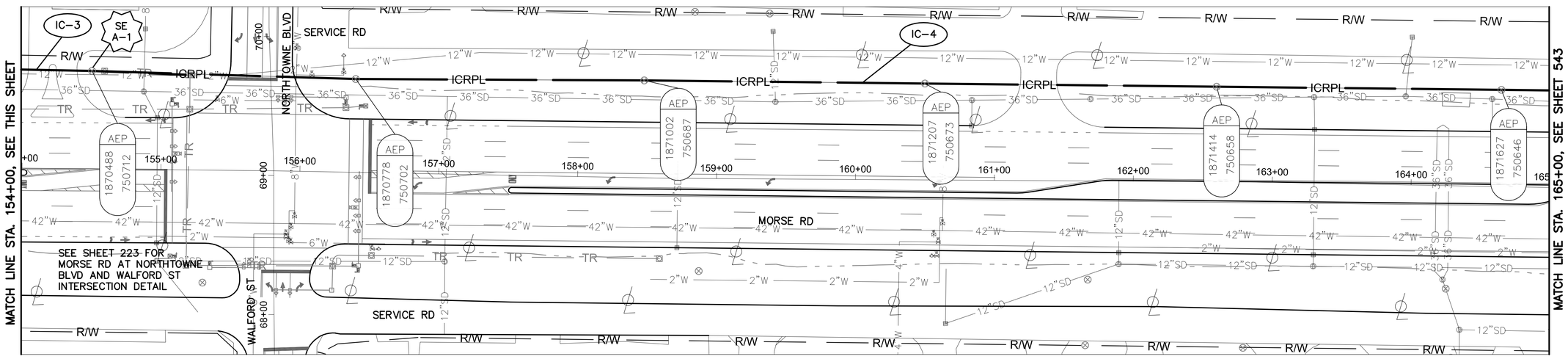
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

541
1107

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MORSE RD BETWEEN STATION 143+00 AND 154+00



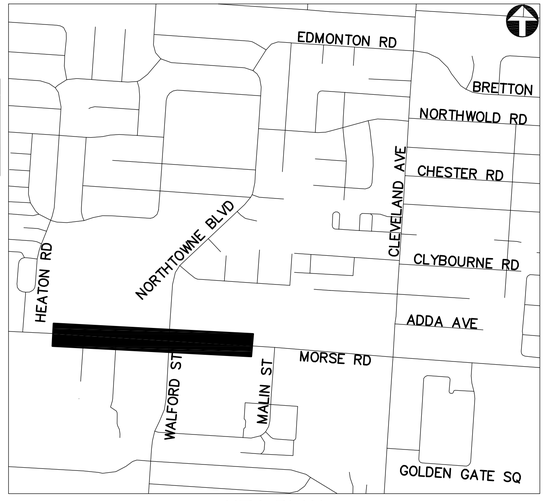
MORSE RD BETWEEN STATION 154+00 AND 165+00

NOTES:

1. SEE SHEET 553 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 739 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
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- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

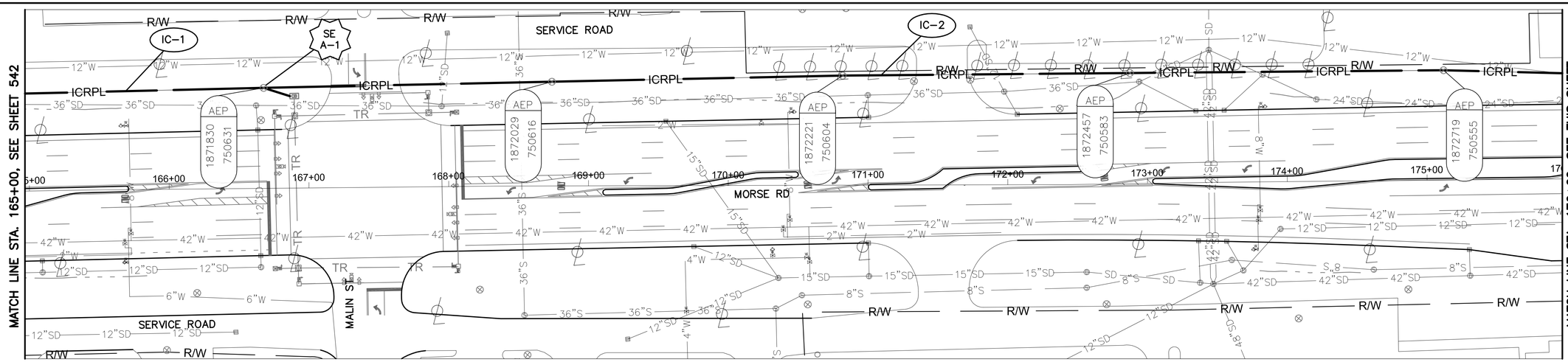
PID NUMBER
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INTERCONNECT PLAN
MORSE RD BETWEEN STA. 143+00 AND 165+00

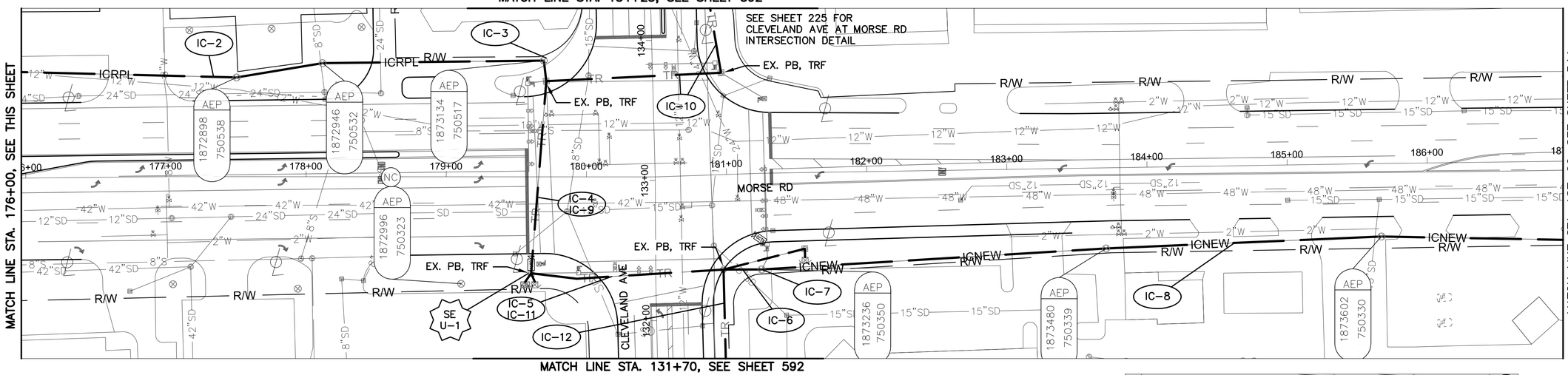
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

542
1107

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MORSE RD BETWEEN STATION 165+00 AND 176+00



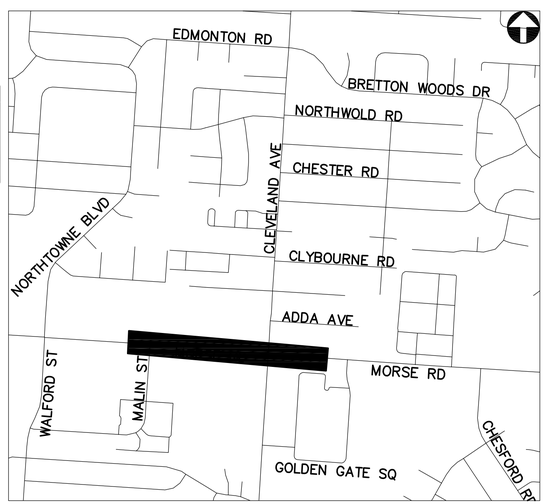
MORSE RD BETWEEN STATION 176+00 AND 187+00

NOTES:

1. SEE SHEET 553 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 739 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

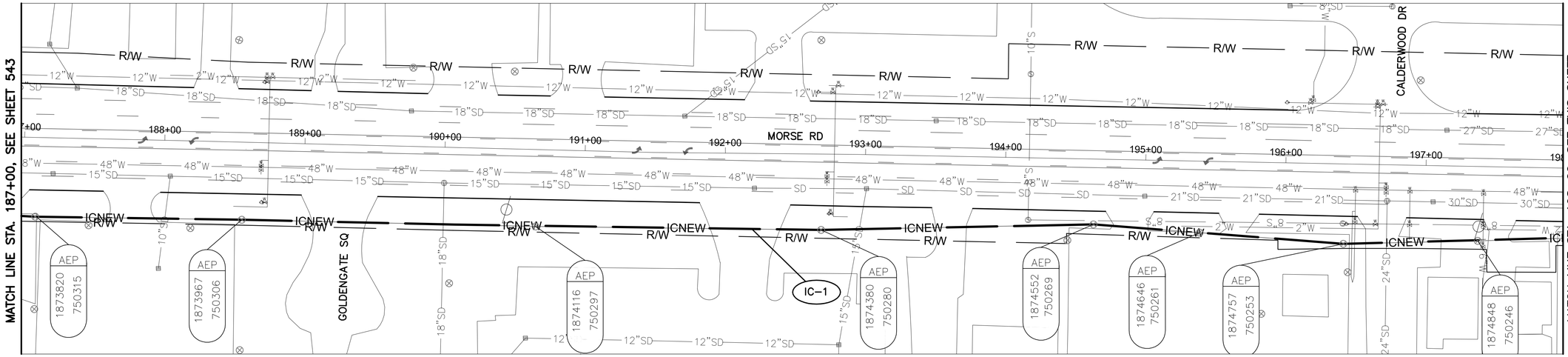
PID NUMBER 13034

INTERCONNECT PLANS – MORSE RD BETWEEN STA. 165+00 AND 187+00 & CLEVELAND AVE BETWEEN STA. 131+70 AND 134+25

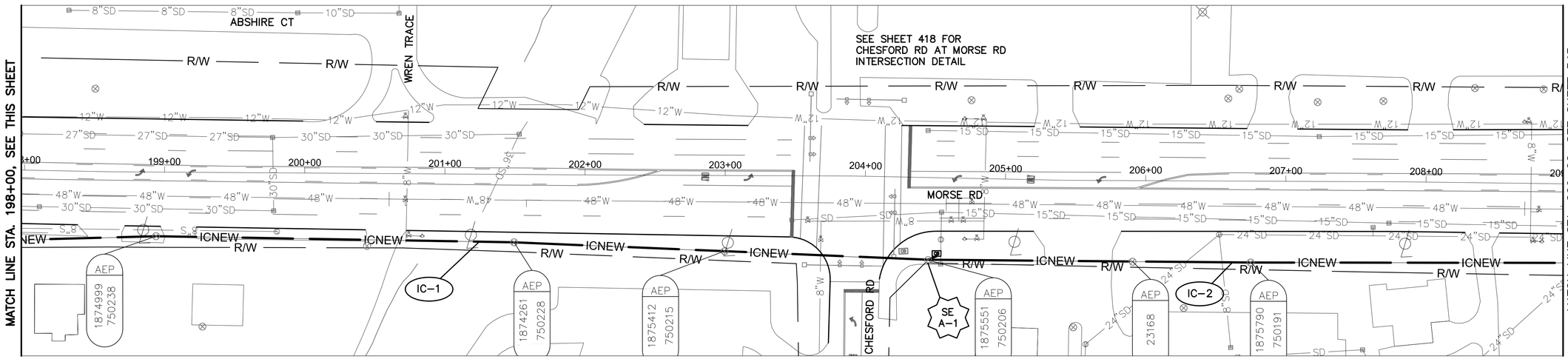
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

543
1107

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MORSE RD BETWEEN STATION 187+00 AND 198+00



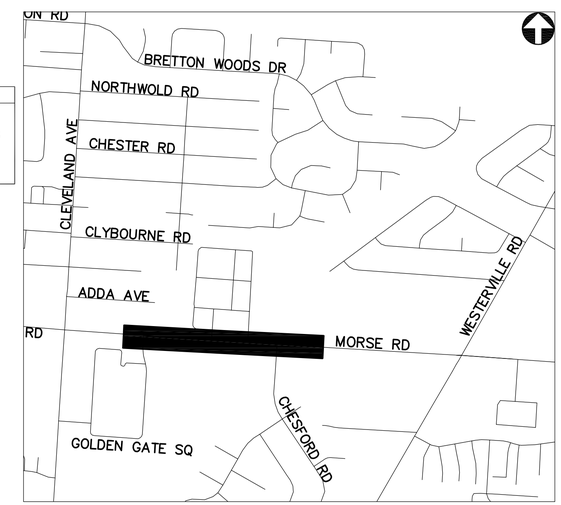
MORSE RD BETWEEN STATION 198+00 AND 209+00

NOTES:

1. SEE SHEET 553 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 739 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762DR.E

HORIZONTAL SCALE IN FEET
0 40 80

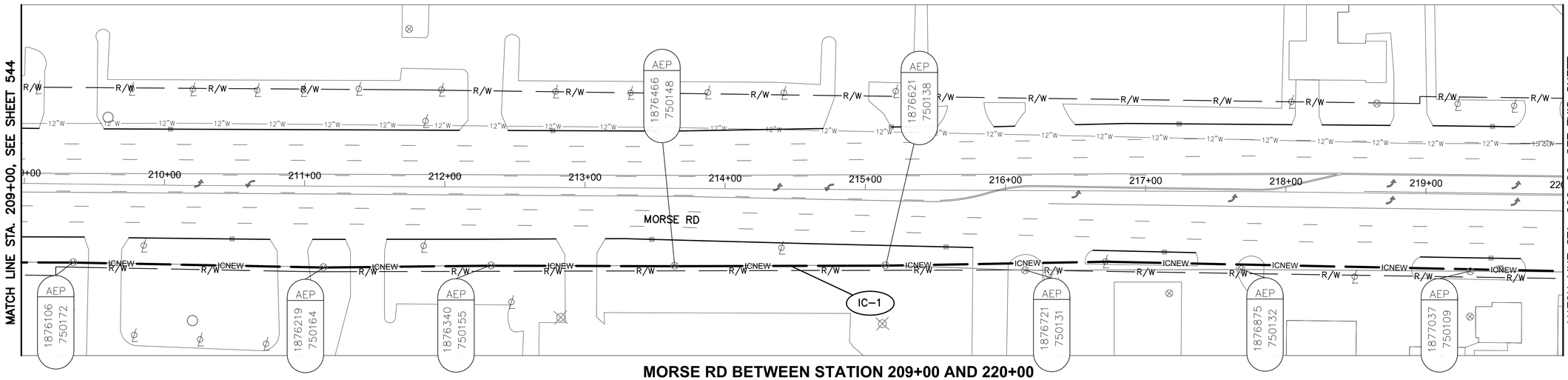
PID NUMBER 13034

INTERCONNECT PLAN
MORSE RD BETWEEN STA. 187+00 AND 209+00

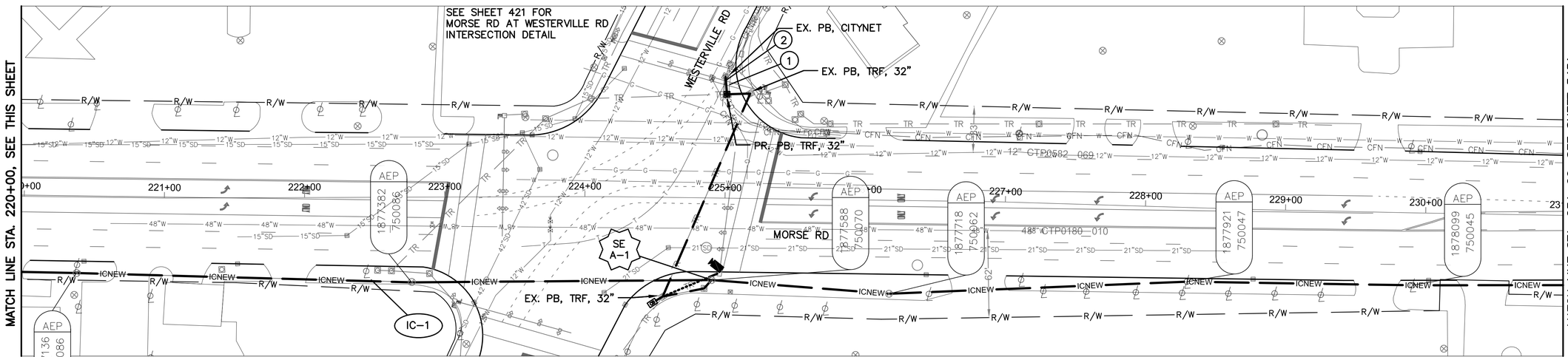
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

544
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_43_Morse_Corridor_A.dwg ~ MS-10 layout ~ last saved by: CCI, sdlowry 06/24/2015 02:42pm ~ printed 07/01/2015 11:40am



MORSE RD BETWEEN STATION 209+00 AND 220+00



MORSE RD BETWEEN STATION 220+00 AND 231+00

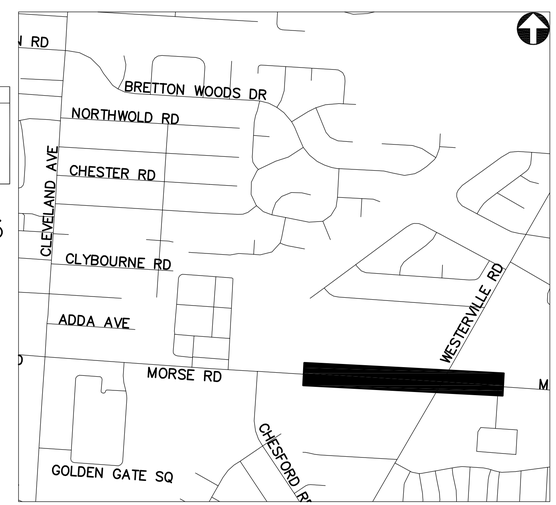
NOTES:

1. SEE SHEET 554 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 739 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 16.

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



KEY PLAN
NOT TO SCALE

REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

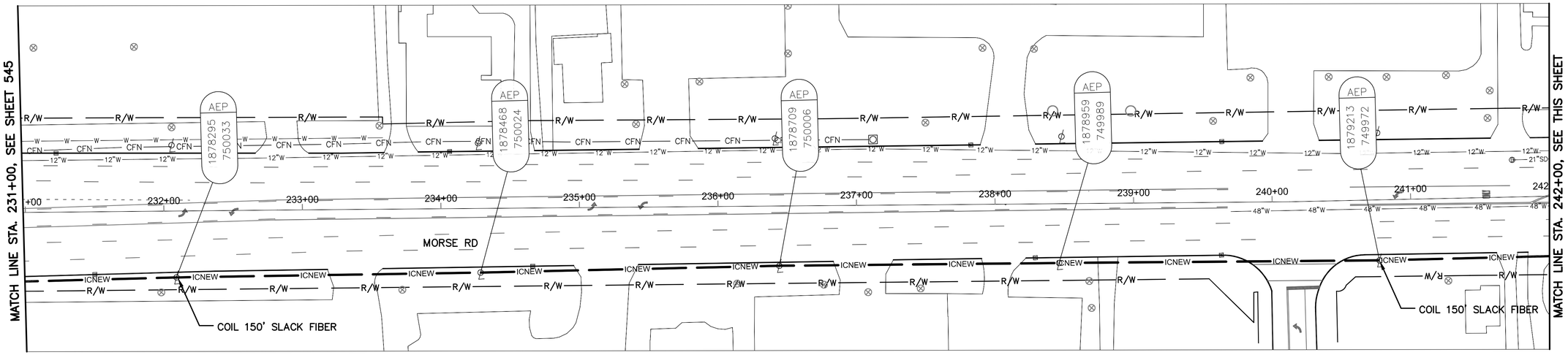
PID NUMBER 13034

INTERCONNECT PLAN
MORSE RD BETWEEN STA. 209+00 AND 231+00

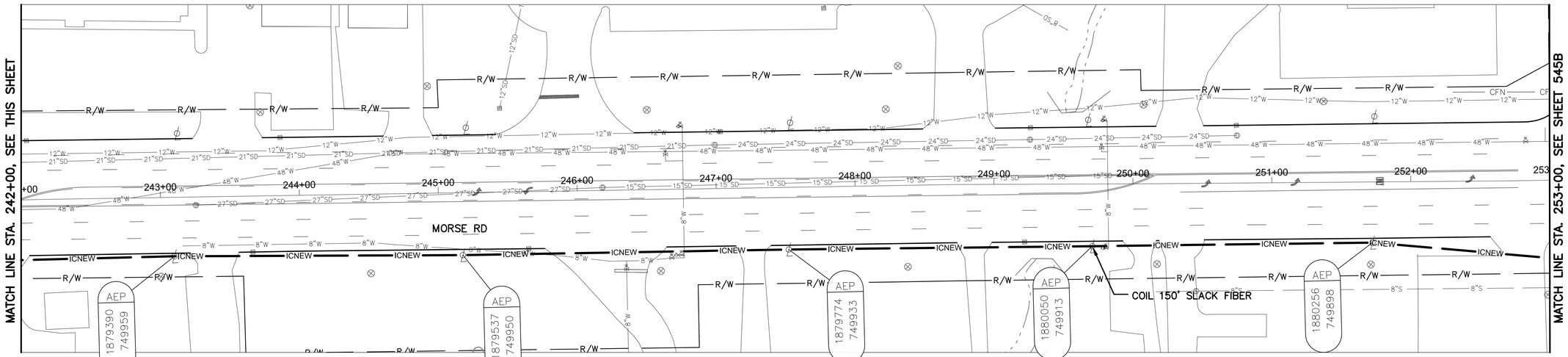
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

545
1107

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MORSE RD BETWEEN STATION 231+00 AND 242+00



MORSE RD BETWEEN STATION 242+00 AND 253+00

NOTES:

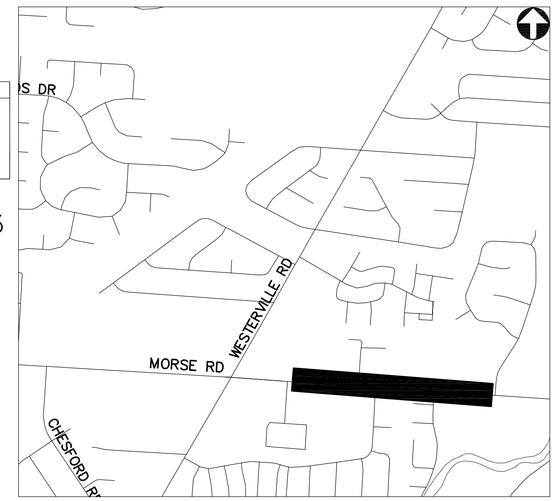
1. SEE SHEET 554 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 739 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 16.

CITY OF COLUMBUS UTILITY LEGEND

- ☒ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

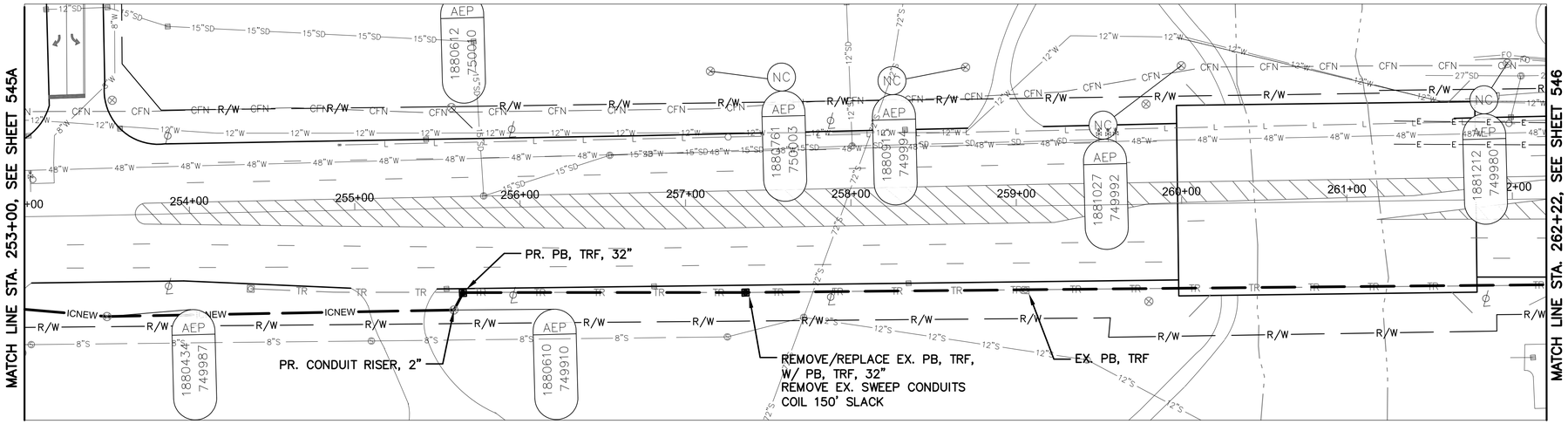
PID NUMBER 13034

INTERCONNECT PLAN
MORSE RD BETWEEN STA. 231+00 AND 253+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

545A
1107

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MORSE RD BETWEEN STATION 253+00 AND 262+22

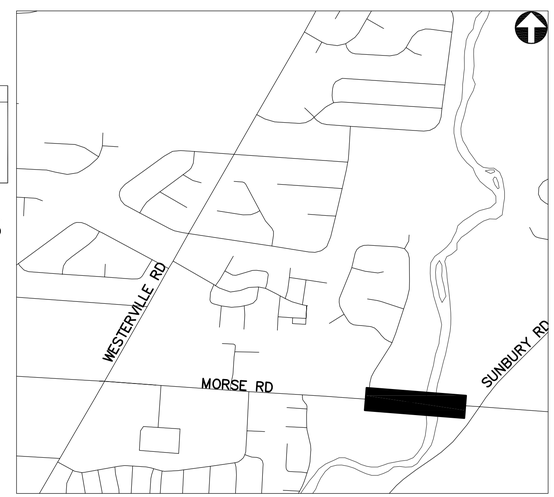
NOTES:

1. SEE SHEET 554 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 739 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 16.

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

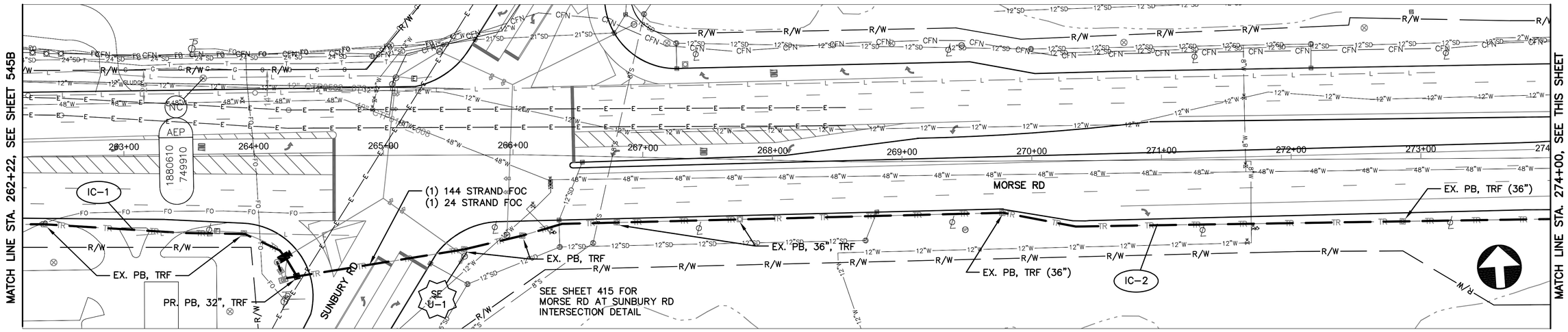
PID NUMBER 13034

INTERCONNECT PLAN
MORSE RD BETWEEN STA. 253+00 AND 262+22

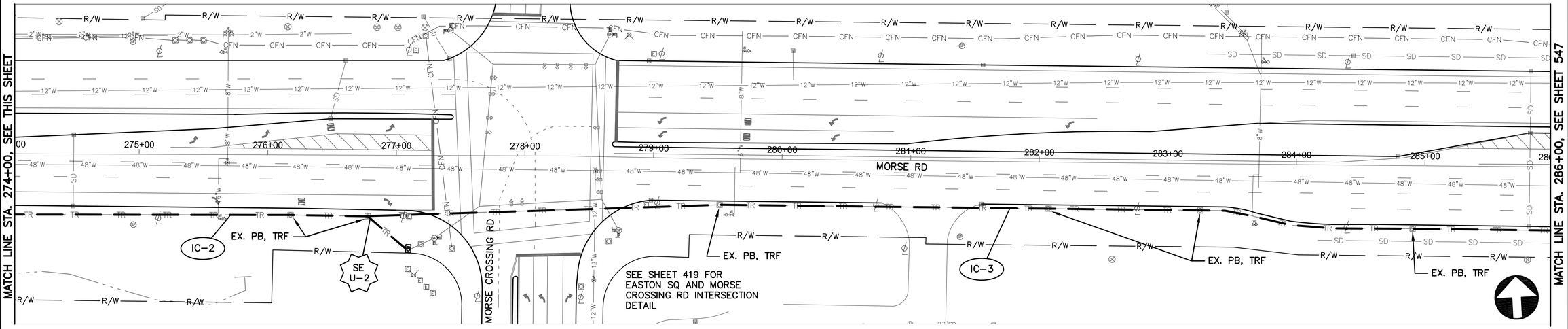
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

545B
1107

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MORSE RD BETWEEN STATION 262+22 AND 274+00



MORSE RD BETWEEN STATION 274+00 AND 286+00

NOTES:

1. SEE SHEET 554 FOR INTERCONNECT QUANTITIES.

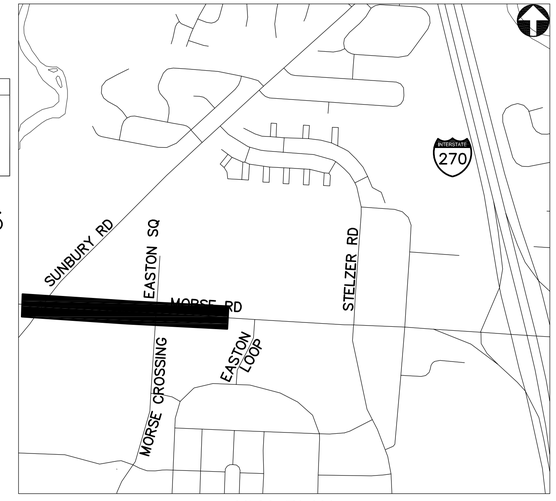
2. SEE SHEETS 739 AND 740 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 16.

CITY OF COLUMBUS UTILITY LEGEND

☒	SEWER
☒	WATER
☐	POWER
☐	LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

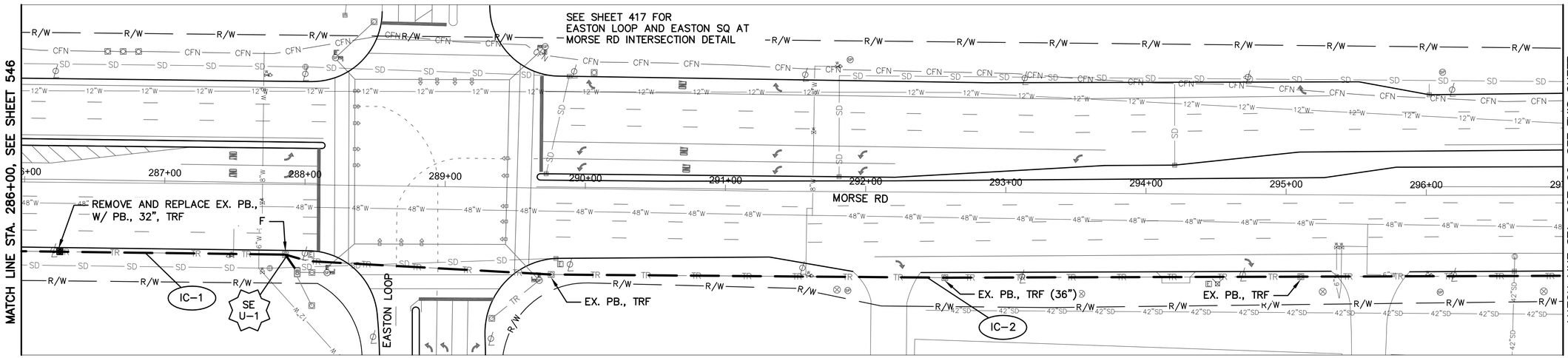
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INTERCONNECT PLAN
MORSE RD BETWEEN STA. 262+22 AND 286+00

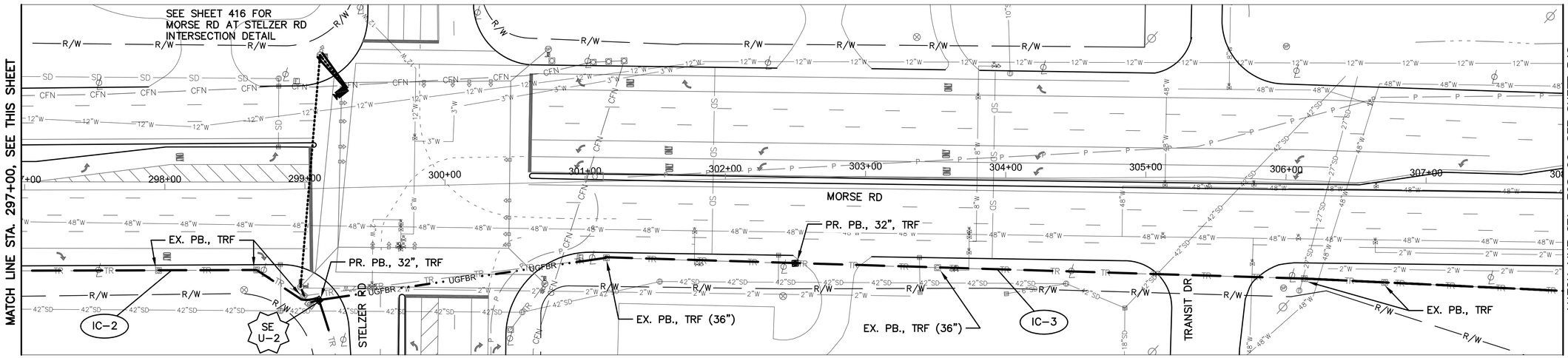
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

546
1107

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MORSE RD BETWEEN STATION 286+00 AND 297+00



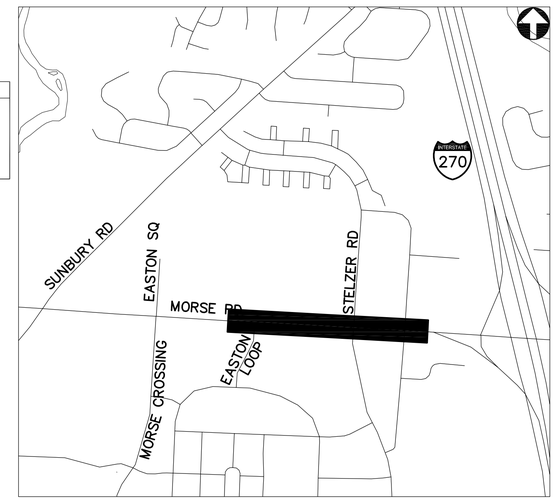
MORSE RD BETWEEN STATION 297+00 AND 308+00

NOTES:

1. SEE SHEET 554 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 740 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

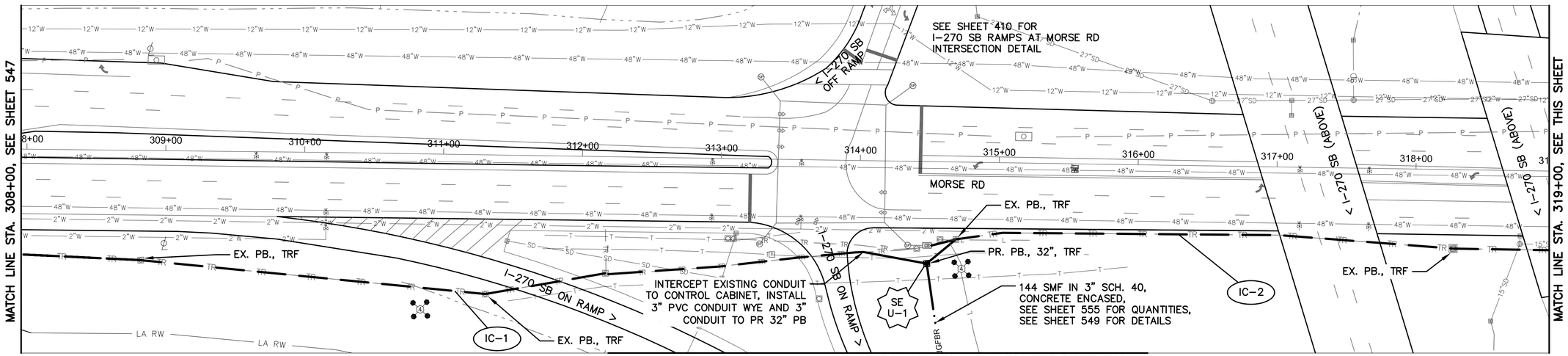
PID NUMBER 13034

INTERCONNECT PLAN
MORSE RD BETWEEN STA. 286+00 AND 308+00

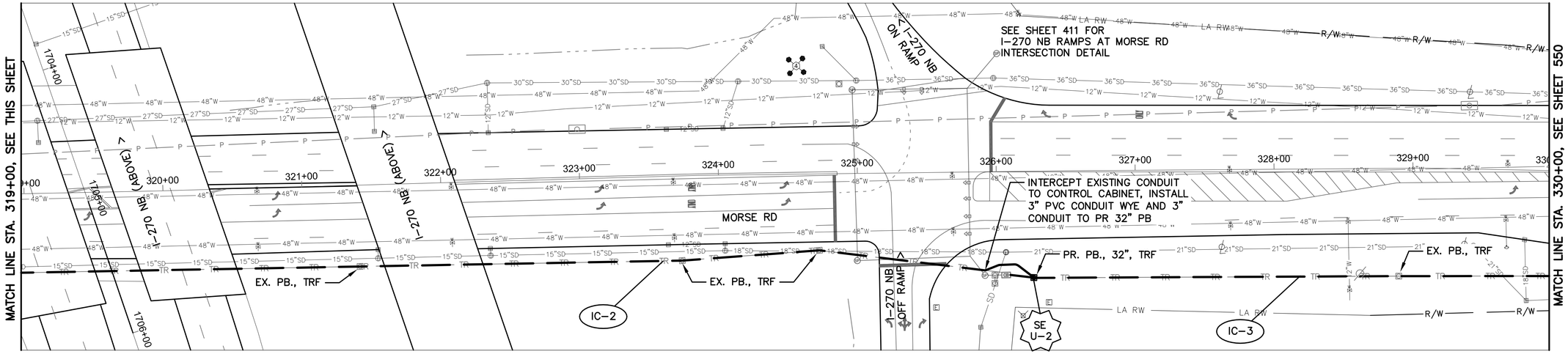
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

547
1107

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MORSE RD BETWEEN STATION 308+00 AND 319+00



MORSE RD BETWEEN STATION 319+00 AND 330+00

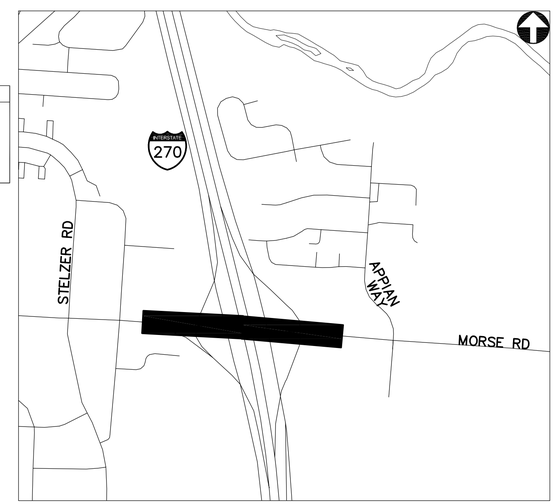
NOTES:

1. SEE SHEET 554 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 740 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 16.

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

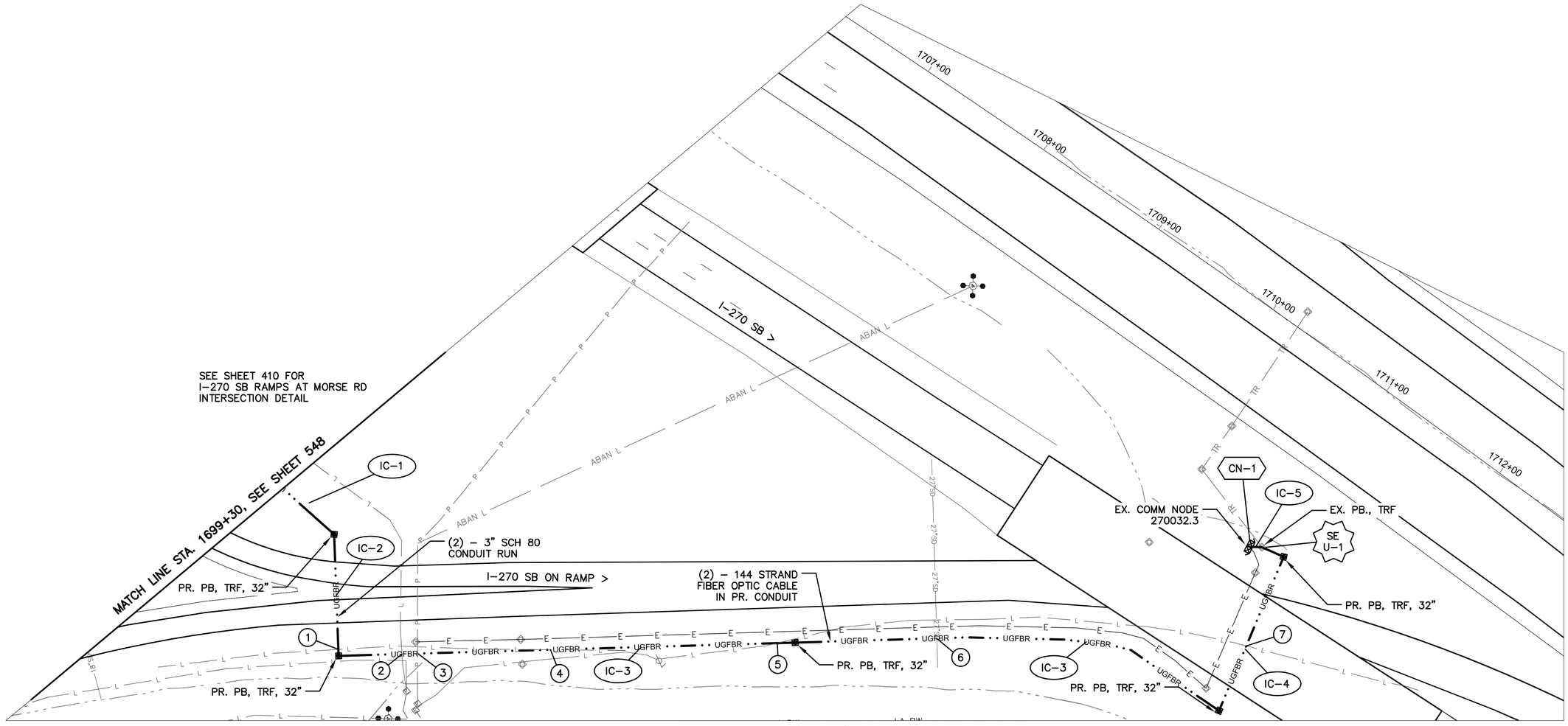
PID NUMBER 13034

INTERCONNECT PLAN
MORSE RD BETWEEN STA. 308+00 AND 330+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

548
1107

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I-270 BETWEEN STATION 1699+30 AND 1712+60

NOTES:

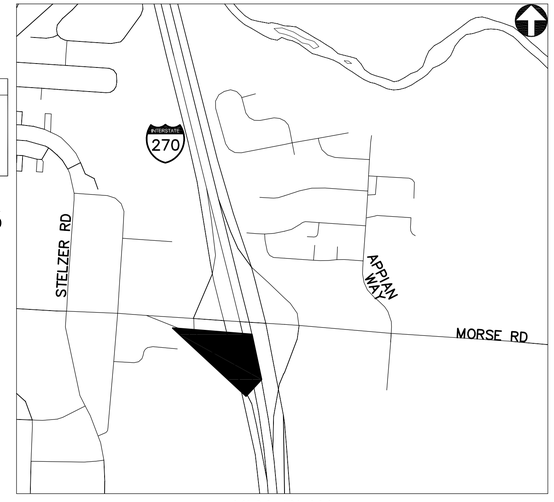
1. SEE SHEET 555 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 740 FOR COMMUNICATION DETAILS.
3. SEE SHEETS 1096 AND 1097 FOR COMM NODE DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 16.

CITY OF COLUMBUS UTILITY LEGEND

- ☒ SEWER
- ☐ WATER
- ☒ POWER
- ☒ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

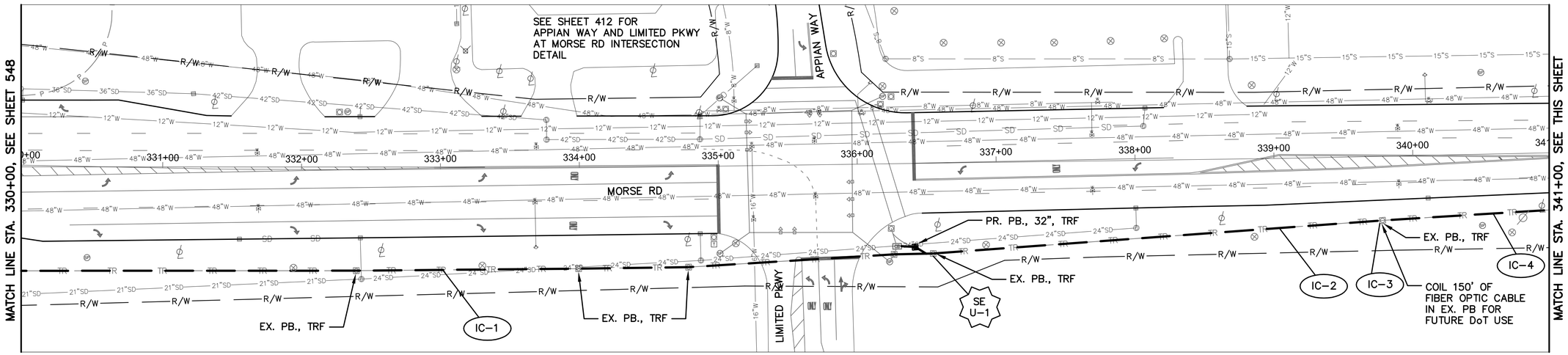
PID NUMBER
13034

INTERCONNECT PLAN
I-270 BETWEEN STA. 1699+30 AND 1712+60

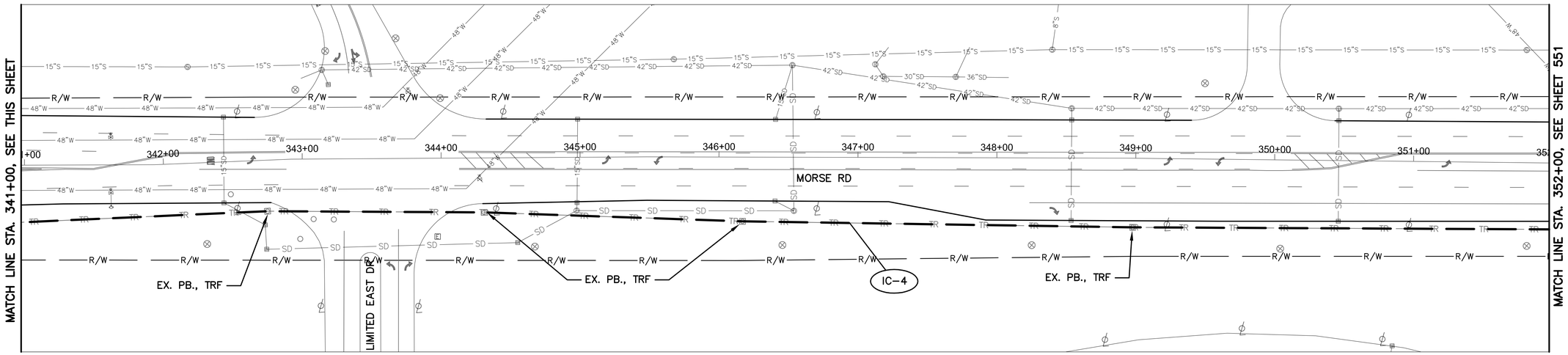
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

549
1107

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MORSE RD BETWEEN STATION 330+00 AND 341+00



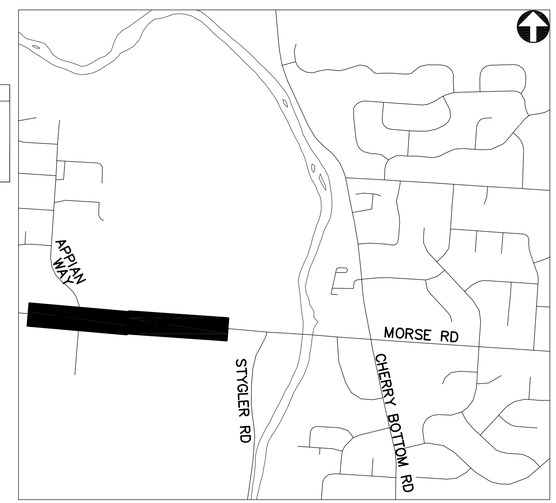
MORSE RD BETWEEN STATION 341+00 AND 352+00

NOTES:

1. SEE SHEET 555 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 740 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

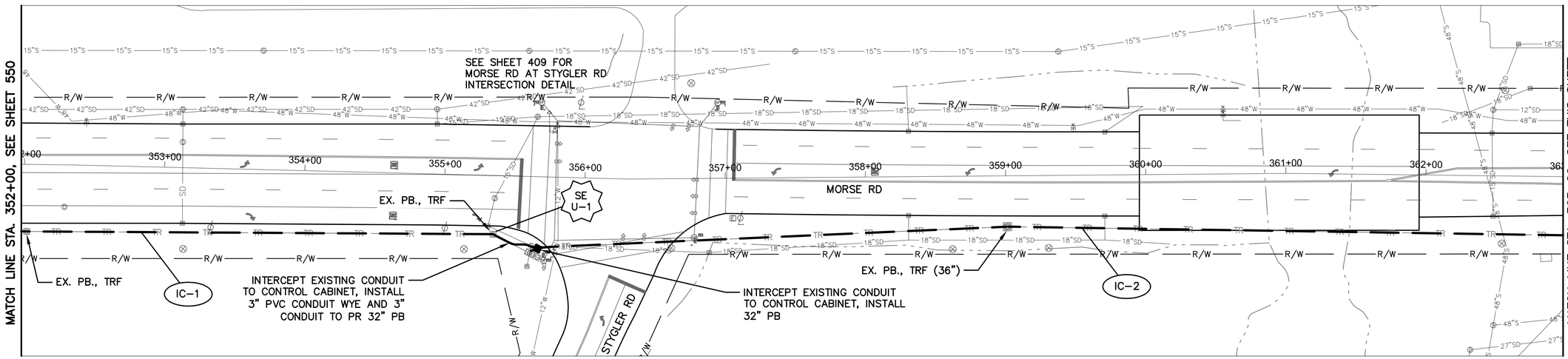
PID NUMBER 13034

INTERCONNECT PLAN
MORSE RD BETWEEN STA. 330+00 AND 352+00

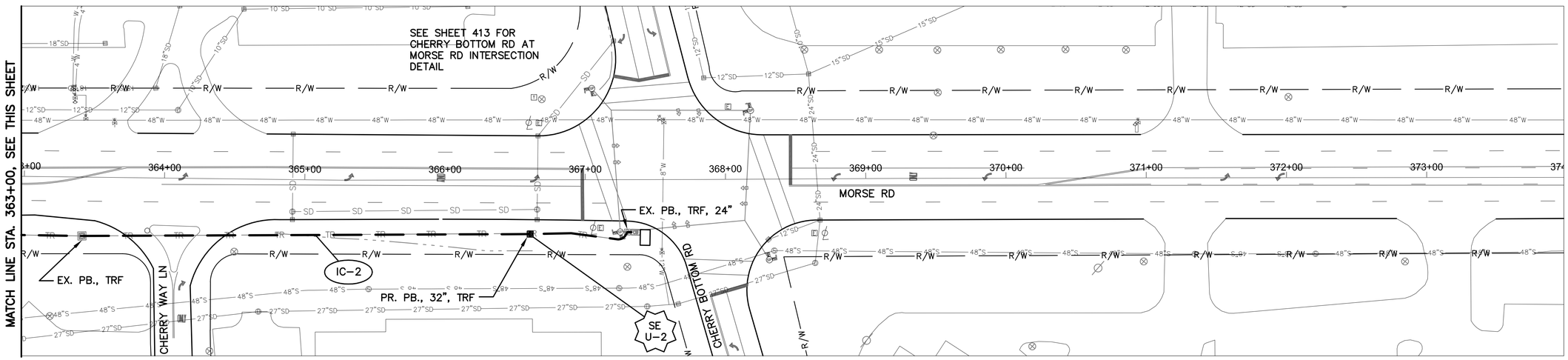
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

550
1107

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MORSE RD BETWEEN STATION 352+00 AND 363+00



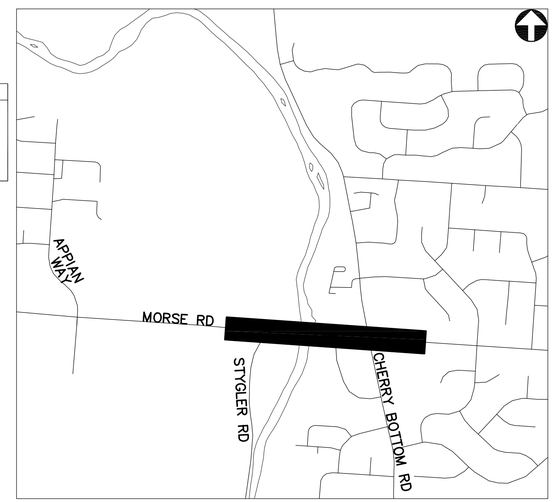
MORSE RD BETWEEN STATION 363+00 AND 374+00

NOTES:

1. SEE SHEET 555 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 740 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

INTERCONNECT PLAN
MORSE RD BETWEEN STA. 352+00 AND 374+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

551
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION		202	632	632	633	804	804	804															
					EXISTING CONDUIT CLEANED, AS PER PLAN	CONDUIT: 2" RISER, AS PER PLAN	MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES	INTERCONNECT, MISC.: REMOVE EXISTING OVERHEAD INTERCONNECT	FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE	SPLICE ENCLOSURE: OVERHEAD, AS PER PLAN	SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN	FUSION SPLICE, AS PER PLAN *														
			FROM	TO	FT	EACH	FT	FT	FT	EACH	EACH															
SINCLAIR RD: STA 261+50 TO 280+00																										
535	IC-1	SINCLAIR RD	261+47, 40' LT	263+33, 51' LT	197				197																	
535	IC-2	SINCLAIR RD	263+33, 51' LT			1			35																	
535	IC-3	SINCLAIR RD	263+33, 51' LT	269+95, 39' RT			737	737	737																	
535	SE-A1	SINCLAIR RD	269+95, 39' RT						150	1		24														
535	IC-4	SINCLAIR RD	269+95, 39' RT	272+09, 39' RT			215	215	215																	
535	IC-5	SINCLAIR RD	272+09, 39' RT	280+00, 40' RT			791	791	791																	
535			PULL BOX SLACK						10																	
535			OVERHEAD SAG				26		26																	
SINCLAIR RD: STA 280+00 TO 302+00																										
536	IC-1	SINCLAIR RD	280+00, 40' RT	293+23, 35' LT			1333	1333	1333																	
536	SE A-1	SINCLAIR RD	293+23, 35' LT						150	1		24														
536	IC-2	SINCLAIR RD	293+23, 35' LT	302+00, 29' LT			878	878	878																	
536			OVERHEAD SAG				33		33																	
SINCLAIR RD: STA 302+00 TO 308+50/MORSE RD: STA 44+00 TO 55+00																										
537	IC-1	SINCLAIR RD	302+00, 29' LT	307+43, 24' RT			591	591	591																	
537	SE A-1	SINCLAIR RD	307+43, 24' RT						75	1		12														
537	SE U-1	MORSE RD	46+22, 43' LT						75		1	12														
537	IC-2	MORSE RD	46+22, 43' LT	51+51, 53 ' LT	534				534																	
537	SE U-2	MORSE RD	51+51, 53 ' LT						225		1	168														
537	IC-3	MORSE RD	51+51, 53 ' LT	55+00, 43' LT	351				351																	
537	IC-4	SINCLAIR RD	260+53, 54' LT	261+47, 40' LT	96				96																	
537			PULL BOX SLACK						30																	
537			OVERHEAD SAG				9		9																	
MORSE RD: STA 55+00 TO 77+00																										
538	IC-1	MORSE RD	55+00, 43' LT	56+74, 47' LT	174				174																	
538	SE U-1	MORSE RD	56+74, 47' LT						150		1	24														
538	IC-2	MORSE RD	56+74, 47' LT	57+64, 73' LT	128				128																	
538	IC-3	MORSE RD	57+64, 73' LT						35																	
538	IC-4	MORSE RD	57+64, 73' LT	63+63, 80' LT			597	597	597																	
538	SE A-1	MORSE RD	63+63, 80' LT						150	1		24														
538	IC-5	MORSE RD	63+63, 80' LT	68+46, 76' LT			484	484	484																	
538	SE A-2	MORSE RD	68+46, 76' LT						150	1		24														
538	IC-6	MORSE RD	68+46, 76' LT	77+00, 80' LT			854	854	854																	
538			OVERHEAD SAG				29		29																	
MORSE RD: STA 77+00 TO 99+00																										
539	IC-1	MORSE RD	77+00, 80' LT	77+61, 80' LT			62	62	62																	
539	IC-2	MORSE RD	77+61, 80' LT						150																	
539	IC-3	MORSE RD	77+61, 80' LT	83+73, 66' LT			611	611	611																	
539	SE A-1	MORSE RD	83+73, 66' LT						225	1		84														
539	IC-4	MORSE RD	83+73, 66' LT	96+89, 66' LT			1319	1319	1319																	
539	SE A-2	MORSE RD	96+89, 66' LT						150	1		24														
539	IC-5	MORSE RD	96+89, 66' LT	99+00, 66' LT			211	211	211																	
539	IC-6	MAIZE RD	111+93, 62' LT						35																	
539	IC-7	MAIZE RD	111+93, 62' LT	110+41, 27' LT	189				189																	
539	IC-8	MAIZE RD	110+41, 27' LT						35																	
539	IC-9	MAIZE RD	110+60, 43' LT	109+88, 35' LT			76	76	76																	
539			PULL BOX SLACK						20																	
539			OVERHEAD SAG				34		34																	
			SHEET TOTAL		1669	1	8890	8759	12409	7	3	420	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

2762 DR. E

PID NUMBER 13034

INTERCONNECT QUANTITIES – SINCLAIR RD BTW STA. 261+50 AND 308+50 & MORSE RD BETWEEN STA. 44+00 AND 99+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

552
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION		202	632	632	633	804	804	804															
					EXISTING CONDUIT CLEANED, AS PER PLAN	CONDUIT: 2" RISER, AS PER PLAN	MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES	INTERCONNECT, MISC.: REMOVE EXISTING OVERHEAD INTERCONNECT	FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE	SPLICE ENCLOSURE: OVERHEAD, AS PER PLAN	SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN	FUSION SPLICE, AS PER PLAN *														
			FROM	TO	FT	EACH	FT	FT	FT	EACH	EACH															
MORSE RD: STA 99+00 TO 120+00/KARL RD: STA 65+40 TO 67+90																										
540	IC-1	MORSE RD	99+00, 66' LT	110+21, 81' LT			1123	1123	1123																	
540	IC-2	MORSE RD	110+21, 81' LT						150																	
540	IC-3	MORSE RD	110+21, 81' LT	111+60, 82' LT			137	137	137																	
540	IC-4	MORSE RD	111+60, 82' LT						35																	
540	IC-5	MORSE RD	111+60, 82' LT	111+69, 82' LT	9				9																	
540	SE U-1	MORSE RD	111+69, 82' LT						225		1	168														
540	IC-6	MORSE RD	111+69, 82' LT	113+48, 78' LT	183				183																	
540	IC-7	MORSE RD	113+48, 78' LT						35																	
540	IC-8	MORSE RD	113+48, 78' LT	119+86, 81' LT			636	636	636																	
540	SE A-1	MORSE RD	119+86, 81' LT						150	1		24														
540	IC-9	MORSE RD	119+86, 81' LT	120+00, 81' LT			14	14	14																	
540	IC-10	KARL RD	67+55, 52' LT	67+50, 70' RT					122																	
540	IC-11	KARL RD	67+50, 70' RT	67+91, 44' RT	49				49																	
540			PULL BOX SLACK						20																	
540			OVERHEAD SAG				29		29																	
MORSE RD: STA 120+00 TO 143+00																										
541	IC-1	MORSE RD	120+00, 81' LT	129+50, 82' LT			950	950	950																	
541	SE A-1	MORSE RD	129+50, 82' LT						150	1		24														
541	IC-2	MORSE RD	129+50, 82' LT	139+35, 90' LT			986	986	986																	
541	SE A-2	MORSE RD	139+35, 90' LT						150	1		24														
541	IC-3	MORSE RD	139+35, 90' LT	143+00, 84' LT			364	364	364																	
MORSE RD: STA 143+00 TO 165+00																										
542	IC-1	MORSE RD	143+00, 84' LT	143+73, 83' LT			73	73	73																	
542	IC-2	MORSE RD	143+73, 83' LT						150																	
542	IC-3	MORSE RD	143+73, 83' LT	154+50, 71' LT			1078	1078	1078																	
542	SE A-1	MORSE RD	154+50, 71' LT						150	1		24														
542	IC-4	MORSE RD	154+50, 71' LT	165+00, 70' LT			1049	1049	1049																	
542			OVERHEAD SAG				33		33																	
MORSE RD: STA 165+00 TO 187+00/CLEVELAND AVE: STA 131+70 TO 134+25																										
543	IC-1	MORSE RD	165+00, 70' LT	166+68, 72' LT			171	171	171																	
543	SE A-1	MORSE RD	166+68, 72' LT						150	1		24														
543	IC-2	MORSE RD	166+68, 72' LT	179+70, 83' LT			1303	1303	1303																	
543	IC-3	MORSE RD	179+70, 83' LT						35																	
543	IC-4	MORSE RD	179+70, 83' LT	179+61, 69' RT	152				152																	
543	SE U-1	MORSE RD	179+61, 69' RT						300		1	216														
543	IC-5	MORSE RD	179+61, 69' RT	180+96, 68' RT	138				138																	
543	IC-6	MORSE RD	180+96, 68' RT	181+23, 69' RT	27				27																	
543	IC-7	MORSE RD	181+23, 69' RT						35																	
543	IC-8	MORSE RD	181+23, 69' RT	186+96, 56' RT			572		572																	
543	IC-9	CLEVELAND AVE	132+34, 89' LT	133+73, 76' LT					138																	
543	IC-10	CLEVELAND AVE	133+73, 76' LT	134+22, 42' RT	171				171																	
543	IC-11	CLEVELAND AVE	132+34, 89' LT	132+36, 48' RT					138																	
543	IC-12	CLEVELAND AVE	132+36, 48' RT	131+72, 49' RT	64				64																	
543			OVERHEAD SAG				31		31																	
543			PULL BOX SLACK						50																	
MORSE RD: STA 187+00 TO 209+00																										
544	IC-1	MORSE RD	187+00, 53' RT	204+46, 59' RT			1748		1748																	
544	SE A-1	MORSE RD	204+46, 59' RT						150	1		24														
544	IC-2	MORSE RD	204+46, 59' RT	209+00, 56' RT			453		453																	
544			OVERHEAD SAG				33		33																	
			SHEET TOTAL		793	-	10783	7884	13909	6	2	528	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

2762 DR. E

PID NUMBER 13034

INTERCONNECT QUANTITIES
MORSE RD BETWEEN STA. 99+00 AND 209+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

553
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION FROM	STATION TO	202 EXISTING CONDUIT CLEANED, APP (FT)	625 CONDUIT, 3", 725.05, AS PER PLAN (FT)	625 TRENCH, 36" DEEP, AS PER PLAN (FT)	632 MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES (FT)	804 FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE (FT)	804 FIBER OPTIC CABLE, MISC.: 24 STRAND CABLE (FT)	804 SPLICE ENCLOSURE: OVERHEAD, AS PER PLAN (EACH)	804 SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN (EACH)	FUSION SPLICE, AS PER PLAN *												
MORSE RD: STA 209+00 TO 231+00																									
545	IC-1	MORSE RD	209+00, 56' RT	224+91, 89' RT				1592	1592																
545	SE A-1	MORSE RD	224+91, 89' RT						75		1		12												
545			OVERHEAD SAG					24	24																
MORSE RD: STA 262+22 TO 286+00																									
546	SE U-1	MORSE RD	264+21, 89' RT						75			1	12												
546	IC-1	MORSE RD	264+21, 89' RT	277+19, 69' RT	1307				1307																
546	SE U-2	MORSE RD	277+19, 69' RT						150	75		1	36												
546	IC-2	MORSE RD	277+19, 69' RT	286+00, 49' RT	884				884																
546	IC-3	MORSE RD	277+19, 69' RT	277+23, 93' LT	162					162															
546	IC-4	MORSE RD	277+23, 93' LT	275+28, 89' LT		200	200			200															
546	SE U-3	MORSE RD	275+28, 89' LT							75		1	12												
546			PULL BOX SLACK						100	10															
MORSE RD: STA 286+00 TO 308+00																									
547	IC-1	MORSE RD	286+00, 49' RT	287+87, 50' RT	188				188																
547	SE U-1	MORSE RD	287+87, 50' RT						150			1	24												
547	IC-2	MORSE RD	287+87, 50' RT	298+97, 76' RT	1126				1126																
547	SE U-2	MORSE RD	298+97, 76' RT						150			1	24												
547	IC-3	MORSE RD	298+97, 76' RT	308+00, 76' RT	902				902																
547			PULL BOX SLACK						100																
MORSE RD: STA 308+00 TO 330+00																									
548	IC-1	MORSE RD	308+00, 76' RT	314+68, 65' RT	674				674																
548	SE U-1	MORSE RD	314+68, 65' RT						150			1	24												
548	IC-2	MORSE RD	314+68, 65' RT	324+72, 55' RT	1005				1005																
548	SE U-2	MORSE RD	324+72, 55' RT						150			1	24												
548	IC-3	MORSE RD	324+72, 55' RT	330+00, 76' RT	533				533																
548			PULL BOX SLACK						70																
			SHEET TOTAL		6781	200	200	1616	9405	522	1	7	168	-	-	-	-	-	-	-	-	-	-	-	-

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PID NUMBER 13034

INTERCONNECT QUANTITIES
MORSE RD BETWEEN STA. 209+00 AND 231+00 & 262+22 AND 330+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

2762 DR. E

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION		202	625	625	625	625	633	804	804	804	804	804										
					EXISTING CONDUIT CLEANED, APP	CONDUIT, 3", 725.05, AS PER PLAN	CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, 725.05, 3", AS PER PLAN	PULL BOX, MISC.: CONCRETE, 32"	TRENCH, 36" DEEP, AS PER PLAN	CONTROLLER ITEM, MISC.: FIBER OPTIC ETHERNET TRANSCEIVER	FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE	FIBER OPTIC CABLE, MISC.: 24 COUNT PRE-TERMINATED PATCH PANEL ASSEMBLY	FIBER OPTIC CABLE, MISC.: 24 STRAND CABLE	FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 144 TERMINATION	SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN	FUSION SPLICE, AS PER PLAN *									
			FROM	TO	FT	FT	FT	EACH	FT	EACH	FT	EACH	FT	EACH	EACH										
I-270: STA 1699+30 TO 1712+60																									
549	IC-1	I-270	1704+79, 496' RT	1705+25, 511' RT		242		1	121		242														
549	IC-2	I-270	1705+25, 511' RT	1705+77, 582' RT			174	1			174														
549	IC-3	I-270	1705+77, 582' RT	1711+38, 256' RT		1288		2	644		1288														
549	IC-4	I-270	1711+38, 256' RT	1711+16, 162' RT			192	1			192														
549	IC-5	I-270	1711+16, 162' RT	1710+93, 143' RT		60			30		60														
549	SE U-1	I-270	1710+93, 143' RT								300		75		1	288									
549	IC-6	I-270	1710+93, 143' RT	1710+86, 148' RT		18			9		38														
549	CN-1	I-270	1710+86, 148' RT							4		1		2											
549			PULL BOX SLACK								100														
MORSE RD: STA 330+00 TO 352+00																									
550	IC-1	MORSE RD	330+00, 76' RT	336+53, 65' RT	663						663														
550	SE U-1	MORSE RD	336+53, 65' RT								150				1	24									
550	IC-2	MORSE RD	336+53, 65' RT	339+78, 46' LT	322						322														
550	IC-3	MORSE RD	339+78, 46' LT								150														
550	IC-4	MORSE RD	339+78, 46' LT	352+00, 48' RT	1221						1221														
550			PULL BOX SLACK								70														
MORSE RD: STA 352+00 TO 374+00																									
551	IC-1	MORSE RD	352+00, 48' RT	355+35, 42' RT	337						337														
551	SE U-1	MORSE RD	355+35, 42' RT								150				1	24									
551	IC-2	MORSE RD	355+35, 42' RT	366+99, 42' RT	1165						1165														
551	SE U-2	MORSE RD	366+99, 42' RT								75				1	12									
551			PULL BOX SLACK								30														
			SHEET TOTAL		3708	1608	366	5	804	4	6727	1	75	2	4	348	-	-	-	-	-	-	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

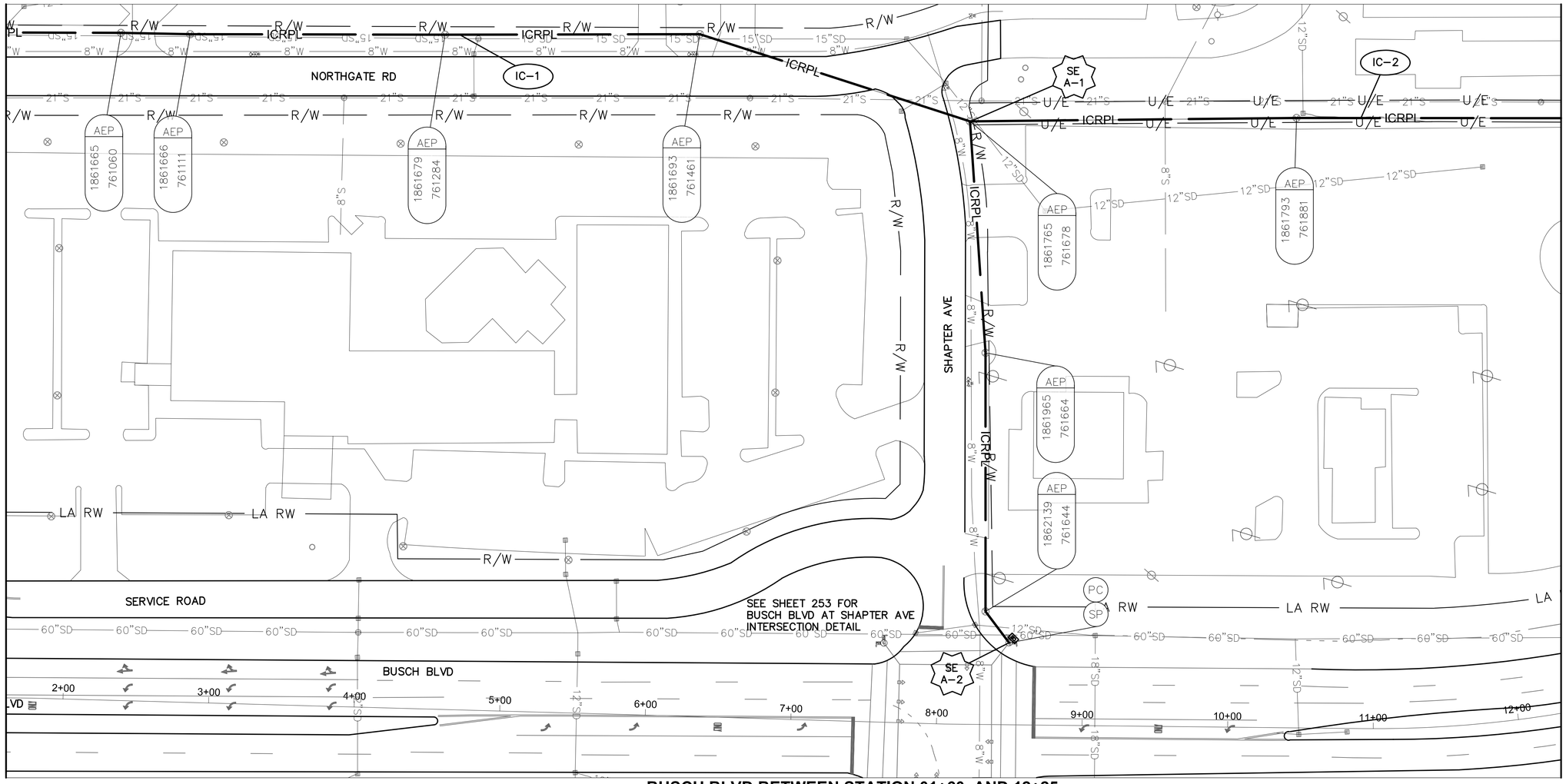
2762 DR. E

PID NUMBER 13034

INTERCONNECT QUANTITIES – I–270 BETWEEN 1699+30 AND 1712+60 & MORSE RD BETWEEN STA. 330+00 AND 374+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

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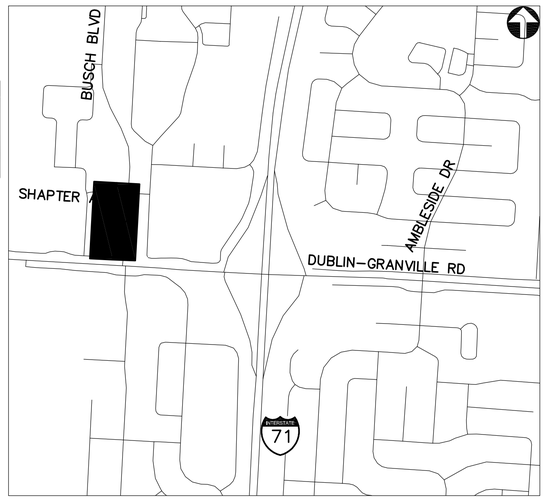
BUSCH BLVD BETWEEN STATION 01+60 AND 12+25

NOTES:

1. SEE SHEET 567 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 753 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

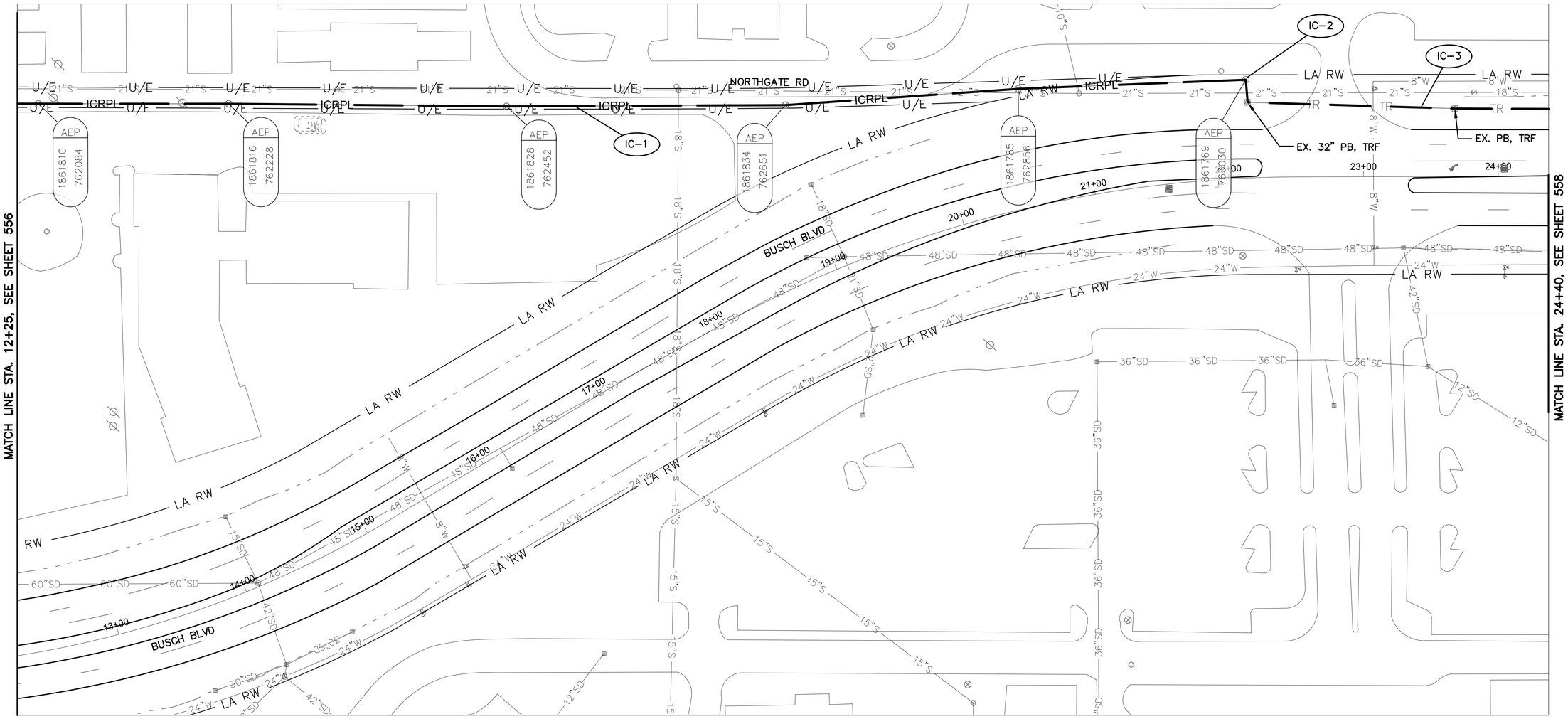
PID NUMBER 13034

INTERCONNECT PLAN
BUSCH BLVD BETWEEN STA. 01+60 AND 12+25

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

556
1107

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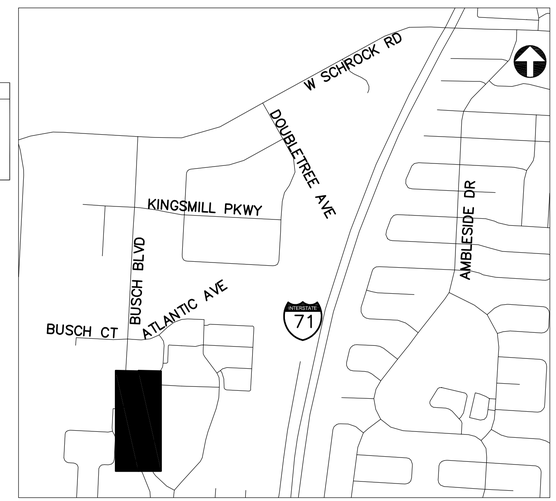
BUSCH BLVD BETWEEN STATION 12+25 AND 24+40

NOTES:

1. SEE SHEET 567 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 753 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

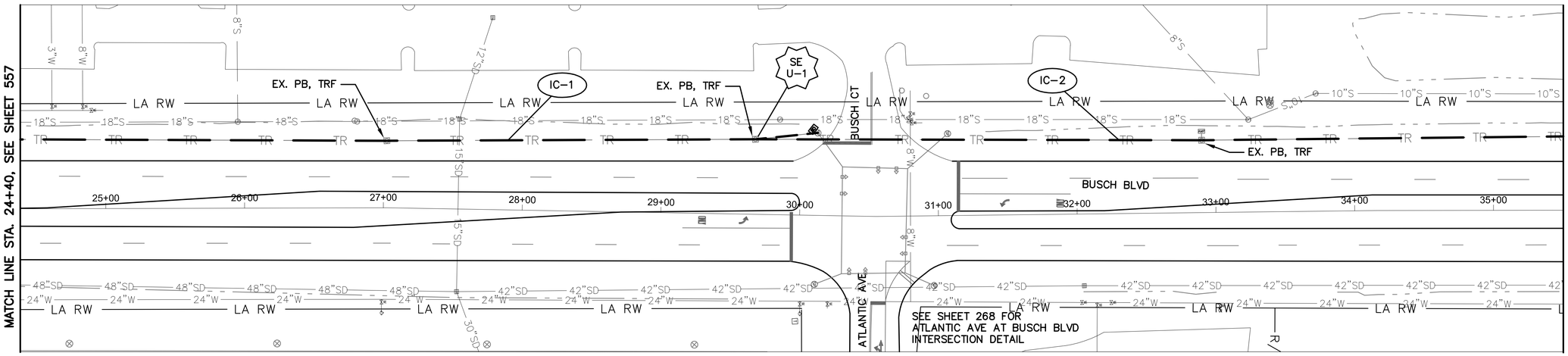
PID NUMBER 13034

INTERCONNECT PLAN
BUSCH BLVD BETWEEN STA. 12+25 AND 24+40

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

557
1107

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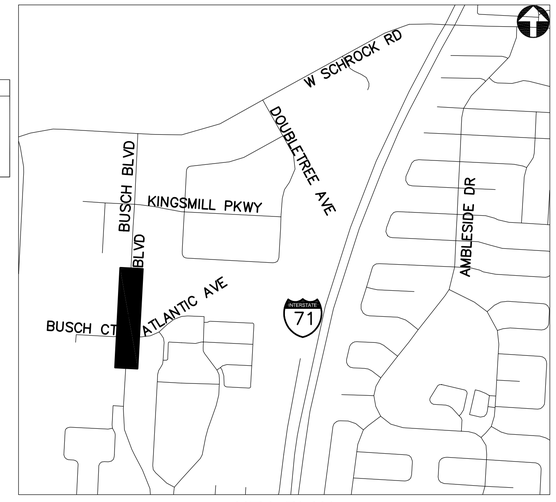
BUSCH BLVD BETWEEN STATION 24+40 AND 35+50

NOTES:

1. SEE SHEET 567 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 753 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

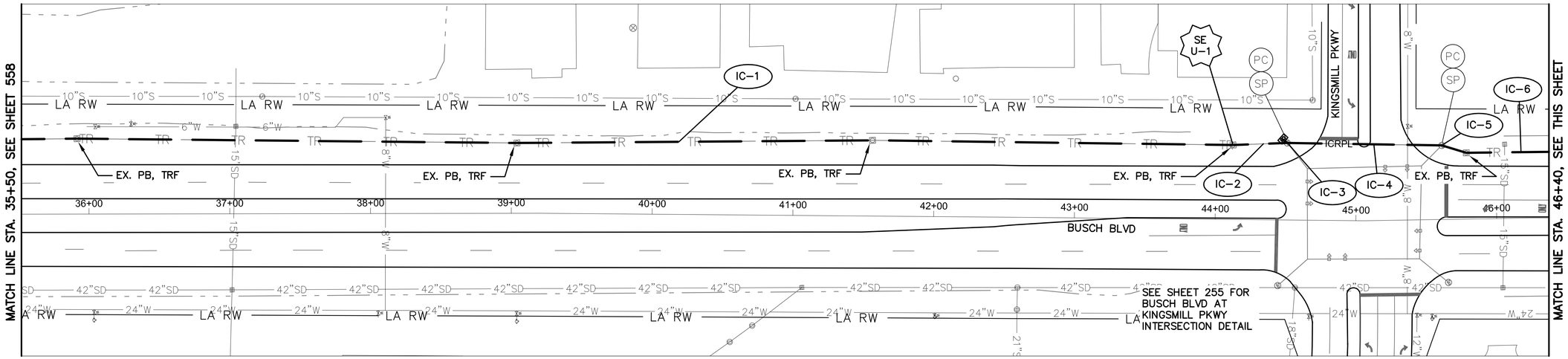
PID NUMBER 13034

INTERCONNECT PLAN
BUSCH BLVD BETWEEN STA. 24+40 AND 35+50

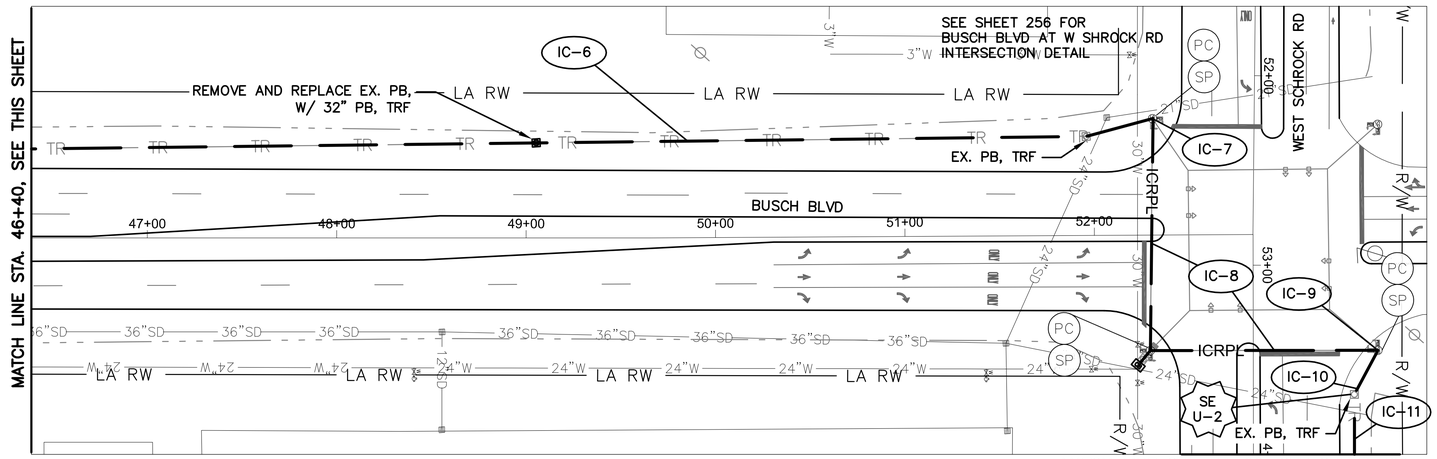
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

558
1107

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BUSCH BLVD BETWEEN STATION 35+50 AND 46+40



BUSCH BLVD BETWEEN STATION 46+40 AND 52+83
W SHROCK RD BETWEEN STATION 51+65 AND 54+00

NOTES:

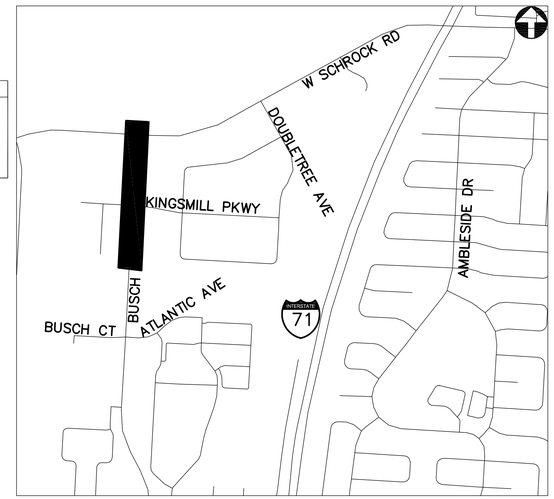
1. SEE SHEET 567 FOR INTERCONNECT QUANTITIES.

2. SEE SHEET 753 FOR COMMUNICATION DETAILS.

3. AT THE INTERSECTION OF BUSCH BLVD AND W SCHROCK RD, LASH 24 STRAND FIBER AND 144 STRAND FIBER TOGETHER FROM STRAIN POLE AT NORTHEAST CORNER TO STRAIN POLE AT SOUTHEAST CORNER.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

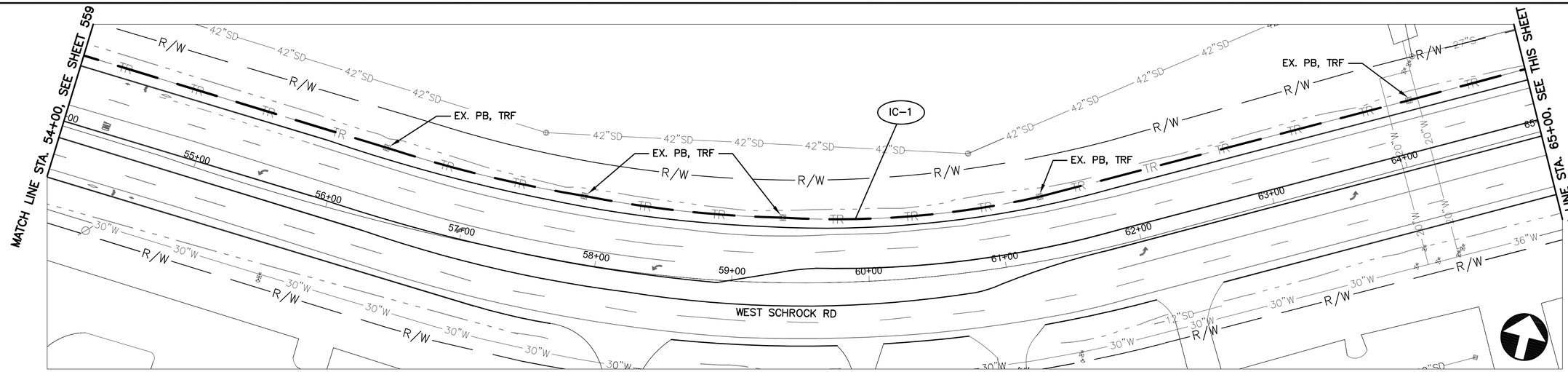
PID NUMBER 13034

INTERCONNECT PLANS – BUSCH BLVD BETWEEN STA. 35+50 AND 52+83
W SCHROCK RD BETWEEN STA. 51+65 AND 54+00

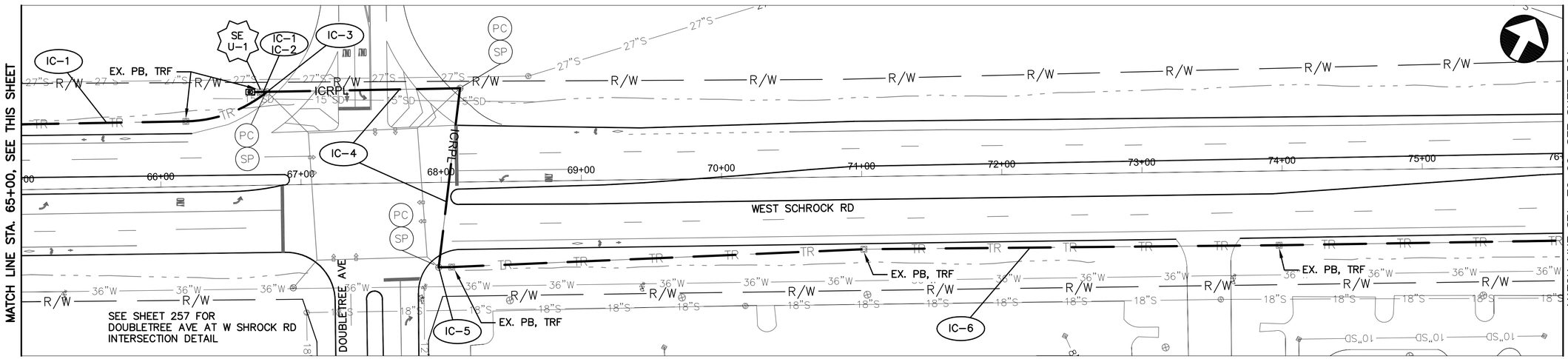
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

559
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_46_WSchrock_Corridor.dwg – WS-3 layout ~ last saved by: CCI, mgraf 06/30/2015 05:15pm ~ printed 07/01/2015 11:45am



W SCHROCK RD BETWEEN STATION 54+00 AND 65+00



W SCHROCK RD BETWEEN STATION 65+00 AND 76+00

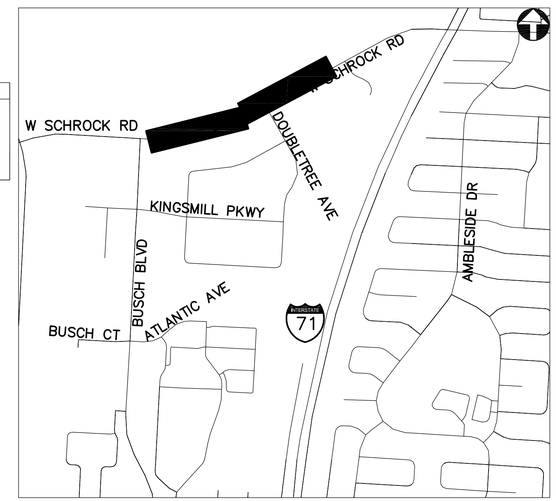
NOTES:

1. SEE SHEET 567 FOR INTERCONNECT QUANTITIES.

2. SEE SHEET 753 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

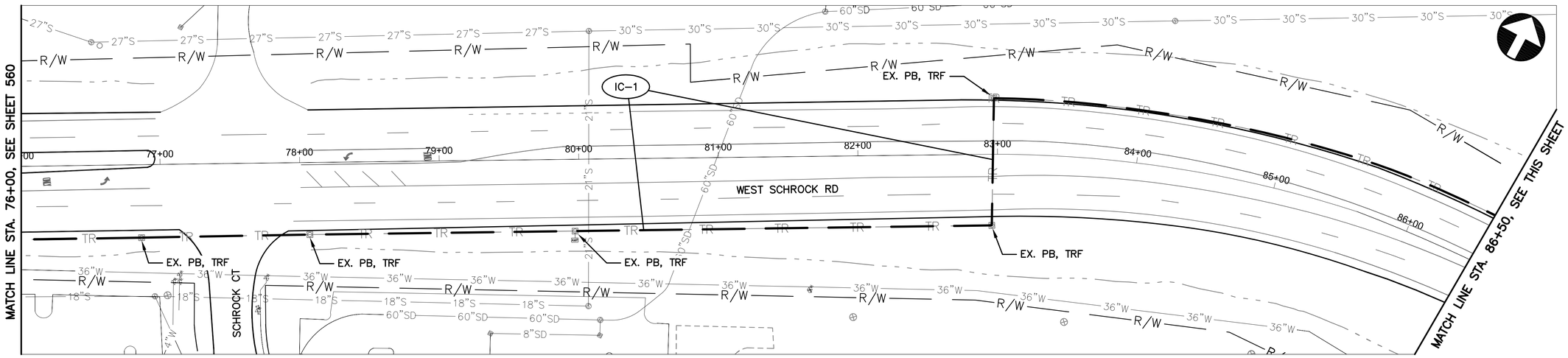
PID NUMBER 13034

INTERCONNECT PLAN
W SCHROCK RD BETWEEN STA. 54+00 AND 76+00

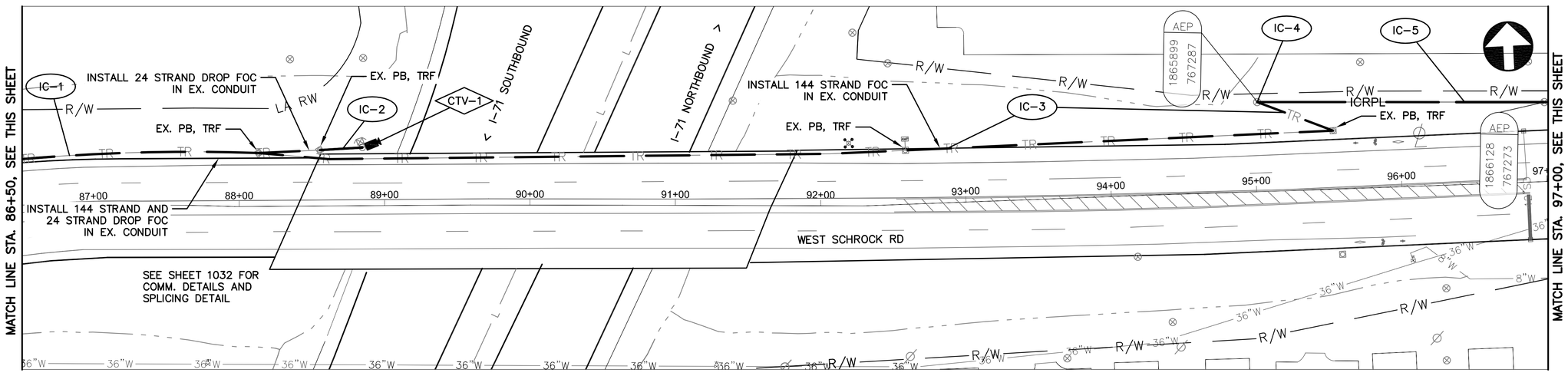
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

560
1107

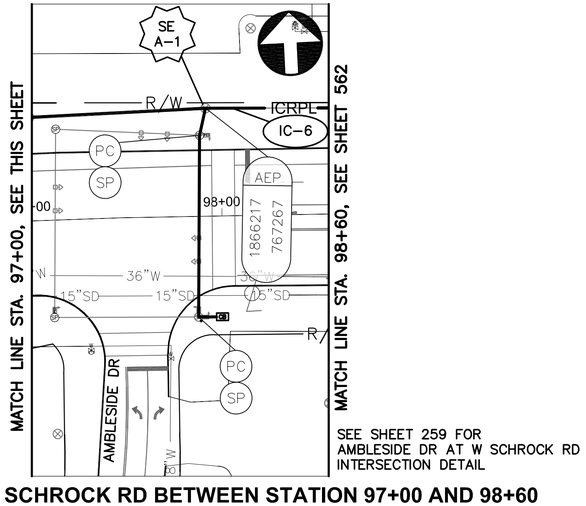
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W SCHROCK RD BETWEEN STATION 76+00 AND 86+50



W SCHROCK RD BETWEEN STATION 86+50 AND 97+00



W SCHROCK RD BETWEEN STATION 97+00 AND 98+60

NOTES:

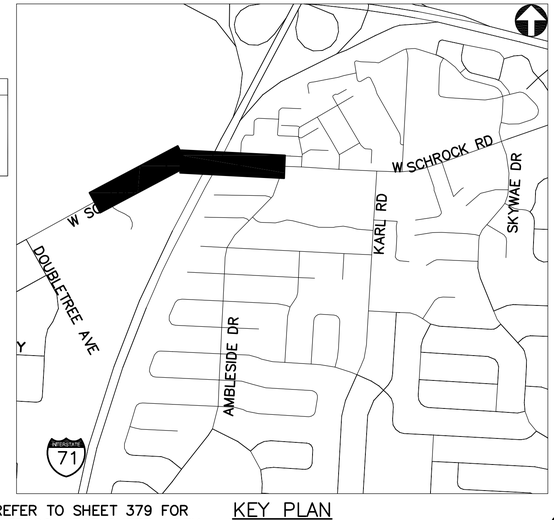
1. SEE SHEET 568 FOR INTERCONNECT QUANTITIES.

2. SEE SHEET 753 FOR COMMUNICATION DETAILS.

3. CCTV COMPOSITE CABLE AND CCTV FIELD CONTROLLER ARE INCIDENTAL TO ITEM 632: SIGNALIZATION MISC.: CCTV IP-CAMERA SYSTEM. COMPOSITE CABLE SHALL BE FREE OF SPLICES FROM THE CCTV CAMERA UNIT TO THE CCTV FIELD CONTROLLER UNIT.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

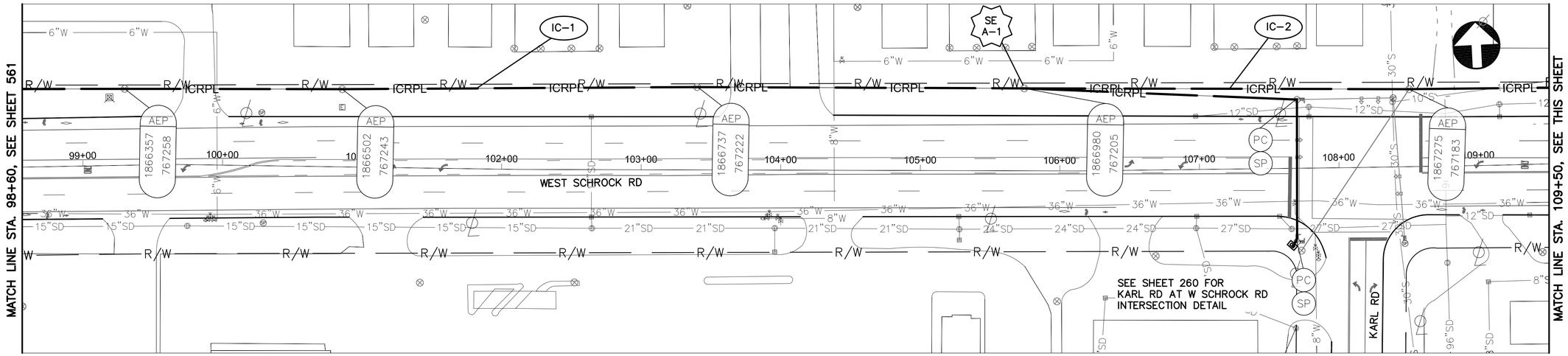
PID NUMBER 13034

INTERCONNECT PLAN
W SCHROCK RD BETWEEN STA. 76+00 AND 98+60

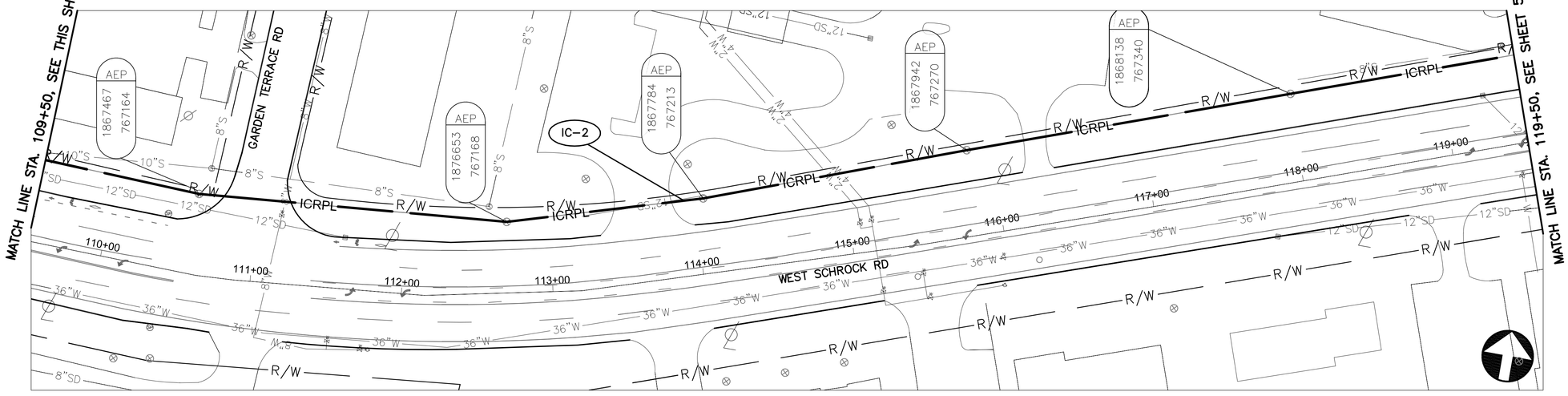
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

561
1107

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W SCHROCK RD BETWEEN STATION 98+60 AND 109+50



W SCHROCK RD BETWEEN STATION 109+50 AND 119+50

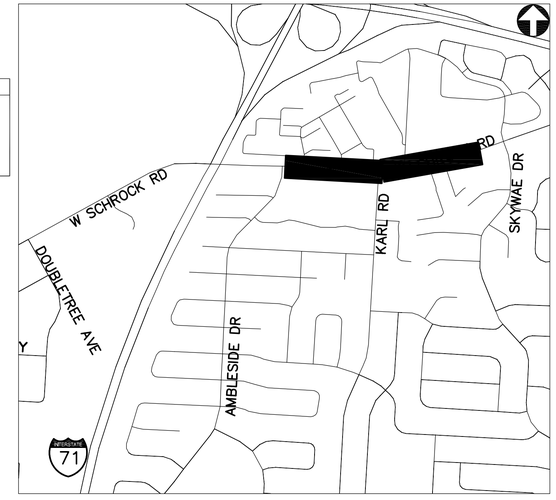
NOTES:

1. SEE SHEET 568 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 753 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

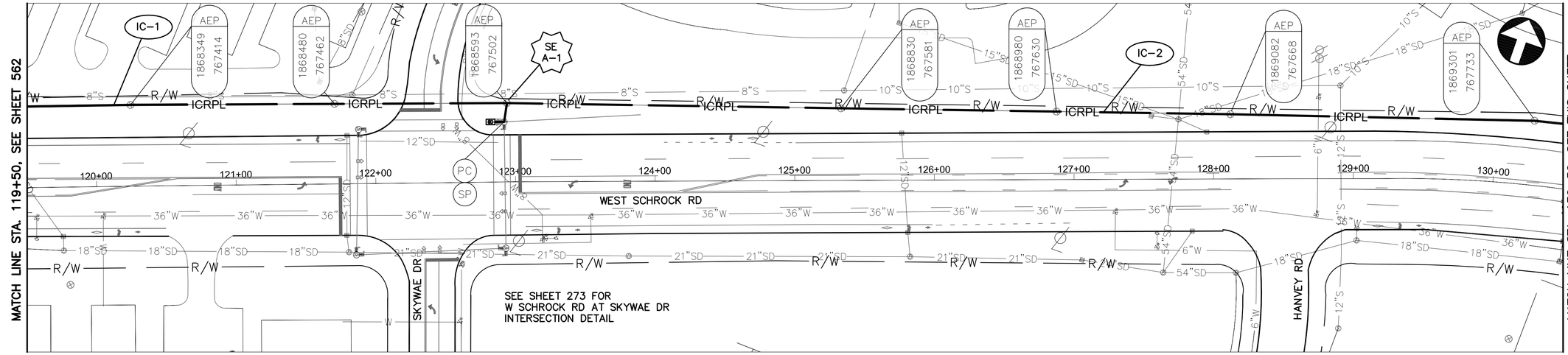
PID NUMBER 13034

INTERCONNECT PLAN
W SCHROCK RD BETWEEN STA. 98+60 AND 119+50

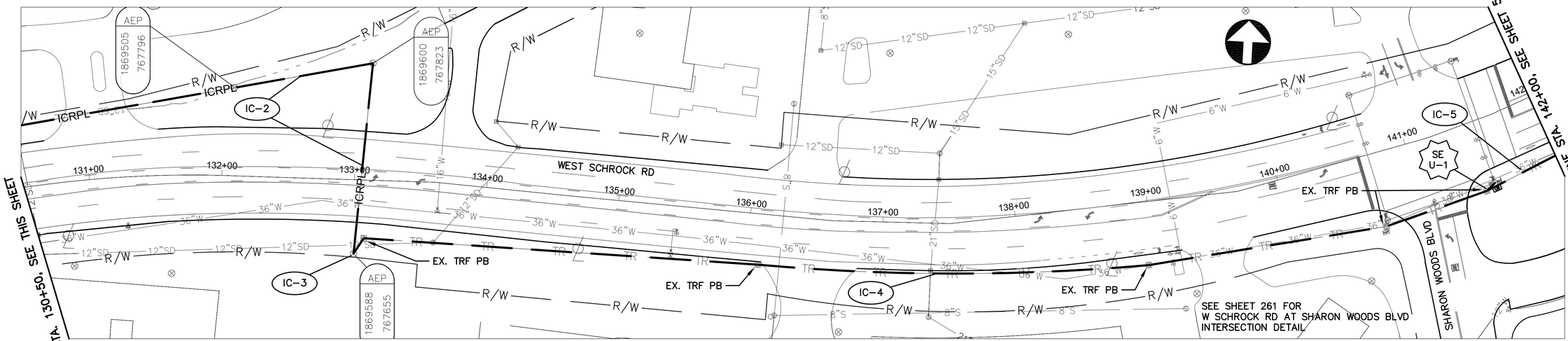
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

562
1107

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W SCHROCK RD BETWEEN STATION 119+50 AND 130+50



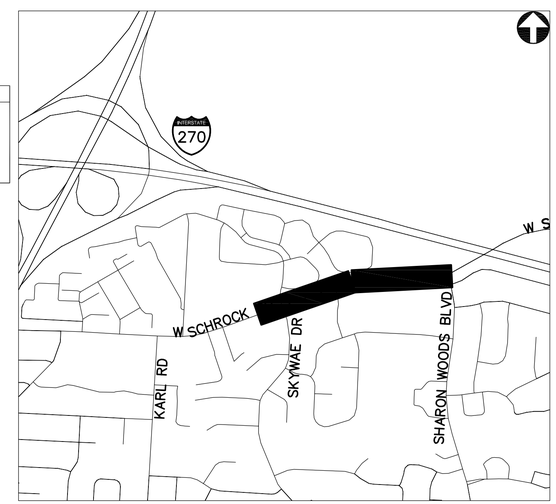
W SCHROCK RD BETWEEN STATION 130+50 AND 142+00

NOTES:

1. SEE SHEET 568 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 753 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

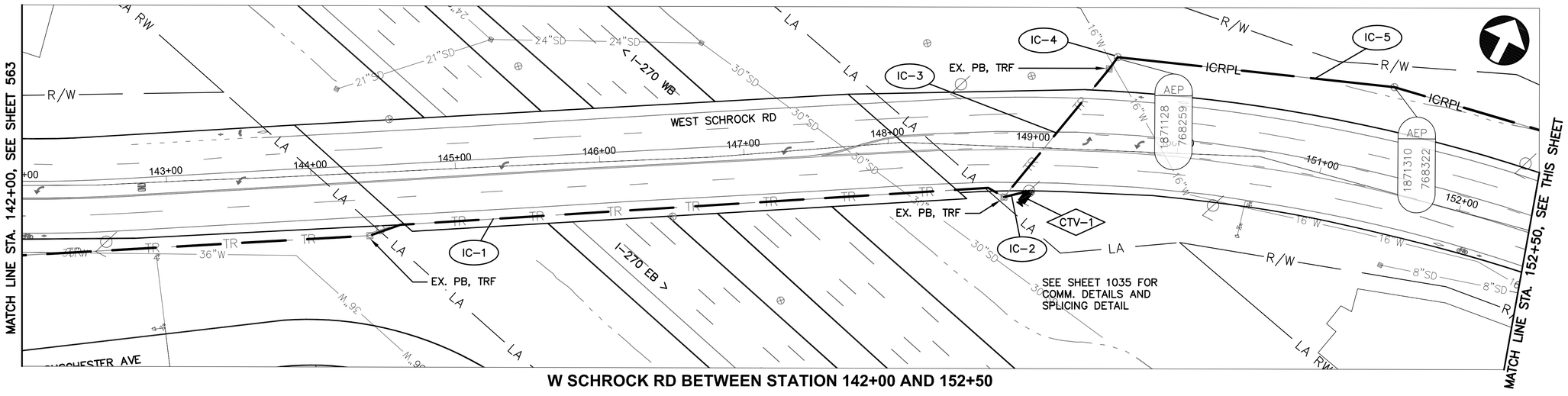
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INTERCONNECT PLAN
W SCHROCK RD BETWEEN STA. 119+50 AND 142+00

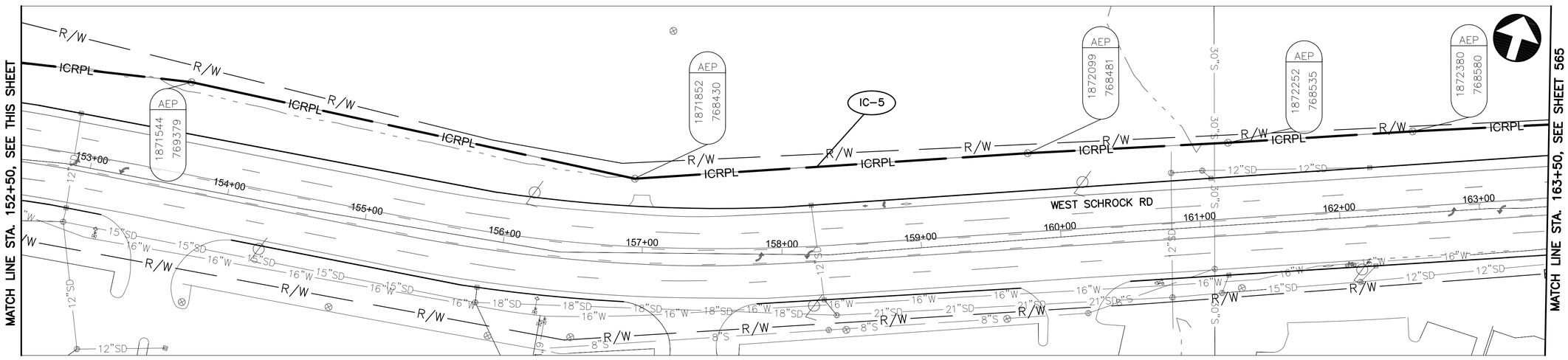
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

563
1107

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W SCHROCK RD BETWEEN STATION 142+00 AND 152+50



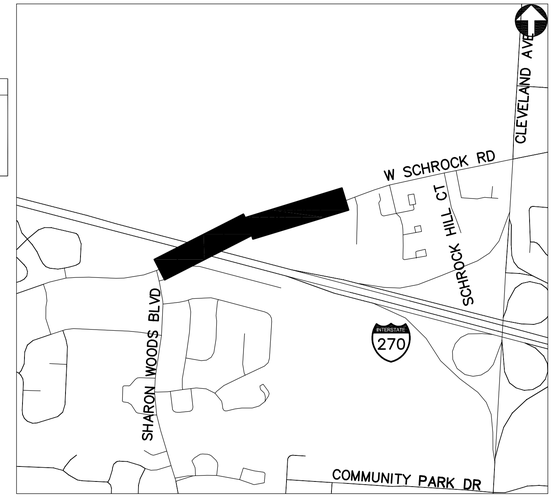
W SCHROCK RD BETWEEN STATION 152+50 AND 163+50

NOTES:

1. SEE SHEET 568 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 753 FOR COMMUNICATION DETAILS.
3. CCTV COMPOSITE CABLE AND CCTV FIELD CONTROLLER ARE INCIDENTAL TO ITEM 632: SIGNALIZATION MISC.: CCTV IP-CAMERA SYSTEM. COMPOSITE CABLE SHALL BE FREE OF SPLICES FROM THE CCTV CAMERA UNIT TO THE CCTV FIELD CONTROLLER UNIT.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

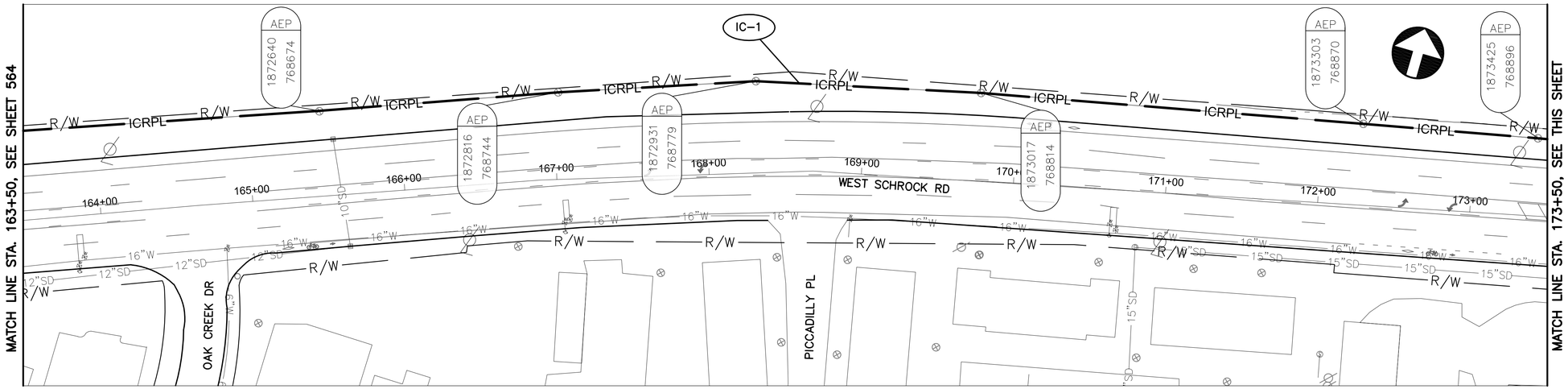
PID NUMBER 13034

INTERCONNECT PLAN
W SCHROCK RD BETWEEN STA. 142+00 AND 163+50

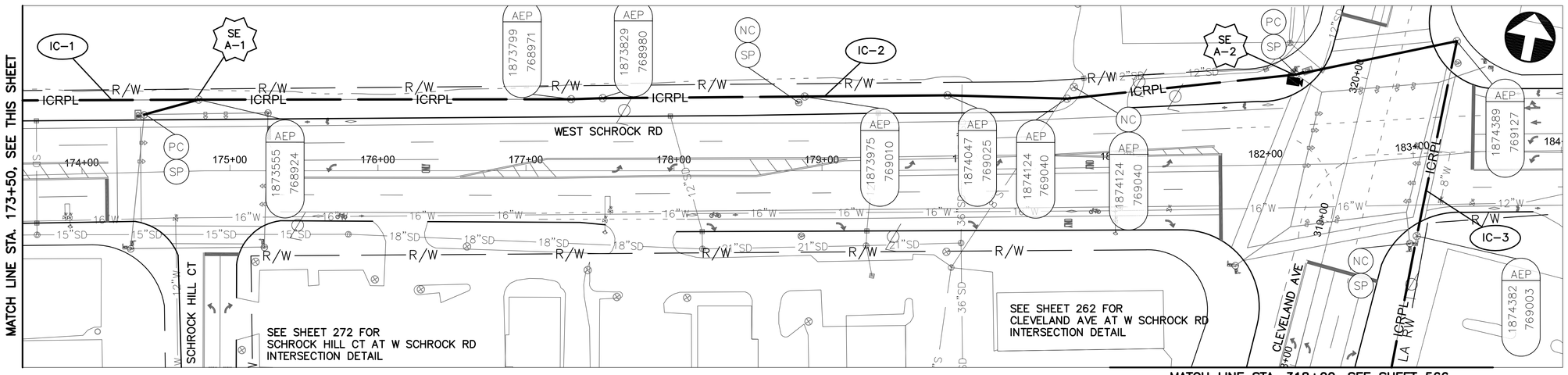
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

564
1107

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W SCHROCK RD BETWEEN STATION 163+50 AND 173+50



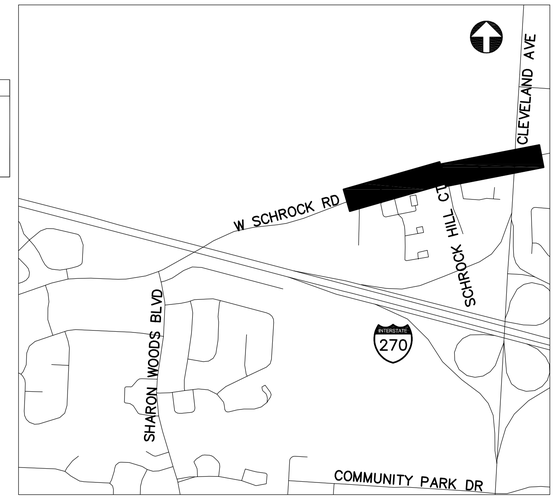
W SCHROCK RD BETWEEN STATION 173+50 AND 184+00
CLEVELAND AVE BETWEEN STATION 318+00 AND 320+50

NOTES:

1. SEE SHEET 568 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 753 AND 756 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

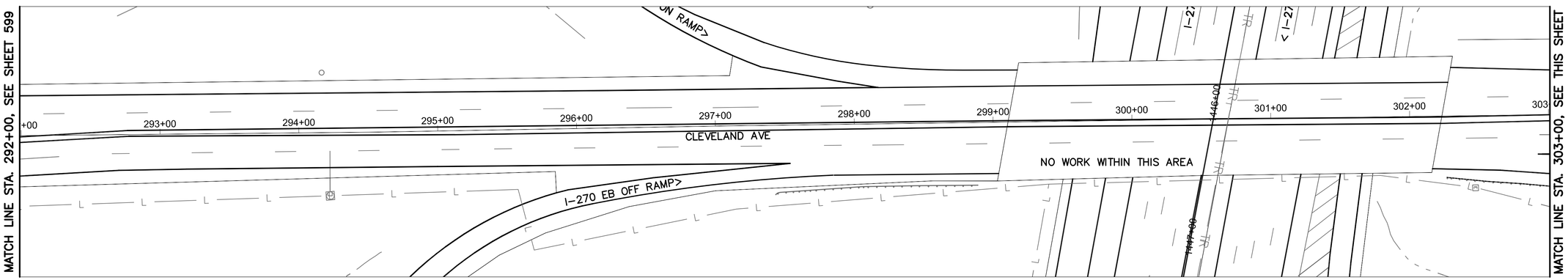
PID NUMBER 13034

INTERCONNECT PLANS – W SCHROCK RD BTW 163+50 AND 184+00 & CLEVELAND AVE BTW 318+00 AND 320+50

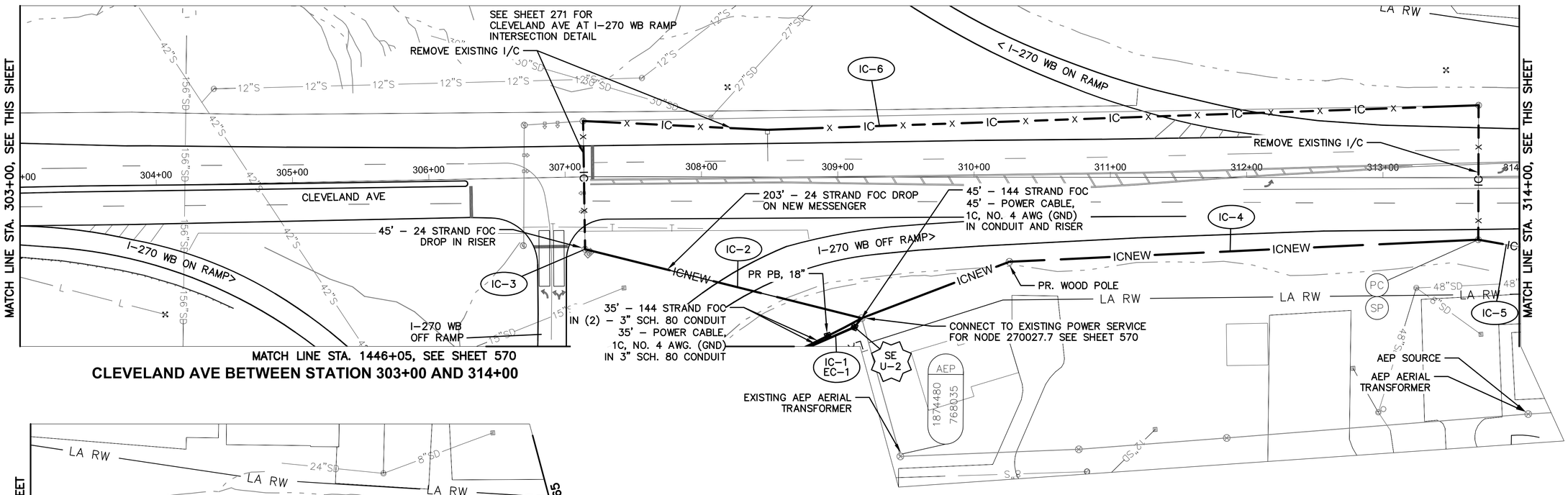
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

565
1107

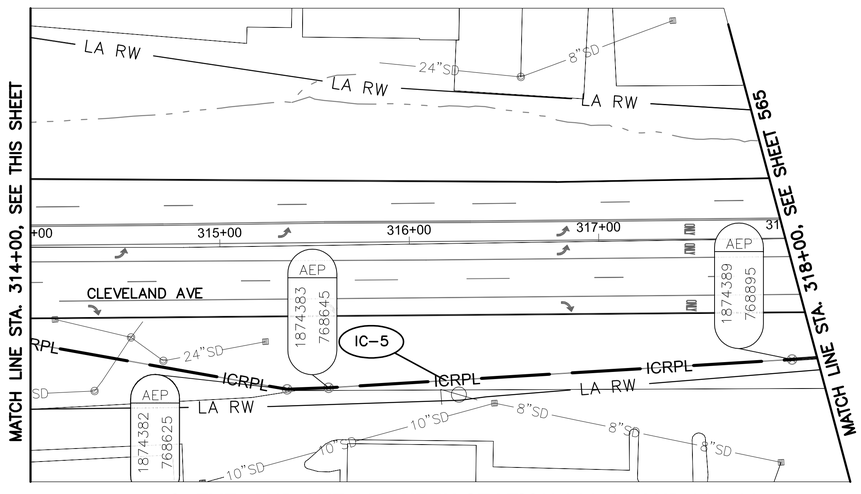
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CLEVELAND AVE BETWEEN STATION 292+00 AND 303+00



CLEVELAND AVE BETWEEN STATION 303+00 AND 314+00



CLEVELAND AVE BETWEEN STATION 314+00 AND 318+00

NOTES:

1. SEE SHEET 569 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 756 FOR COMMUNICATION DETAILS.
3. CARE SHALL BE TAKEN TO AVOID DETECTOR LOOPS AND LOOP LEAD IN CABLE WHEN INSTALLING IC–8
4. SEE SHEET 61 FOR POWER SERVICE DETAILS.
5. SEE SHEETS 39 AND 40 FOR CONDUIT ATTACHED TO STRUCTURE DETAILS AND BRIDGE DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800–362–2764
OHIO UTILITIES PROTECTION SERVICE

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 16.

CITY OF COLUMBUS UTILITY LEGEND

- [x] SEWER
- [ ] WATER
- [ ] POWER
- [x] LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

INTERCONNECT PLAN
CLEVELAND AVE BETWEEN STA. 292+00 AND 318+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

566
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION		202	632	632	633	804	804	804														
					EXISTING CONDUIT CLEANED, APP	CONDUIT: 2" RISER, AS PER PLAN	MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES	INTERCONNECT, MISC.: REMOVE EXISTING OVERHEAD INTERCONNECT	FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE	SPLICE ENCLOSURE: OVERHEAD, AS PER PLAN	SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN	FUSION SPLICE, AS PER PLAN *													
			FROM	TO	FT	EACH	FT	FT	FT	EACH	EACH														
BUSCH BLVD: STA 01+60 TO 12+25																									
556	IC-1	BUSCH BLVD	1+60, 457' LT	8+19, 413' LT			671	671	671																
556	SE A-1	BUSCH BLVD	8+19, 413' LT						150	1		24													
556	IC-2	BUSCH BLVD	8+19, 413' LT	12+25, 409' LT			406	406	406																
556			OVERHEAD SAG				16		16																
BUSCH BLVD: STA 12+25 TO 24+40																									
557	IC-1	BUSCH BLVD	12+25, 409' LT	22+16, 73' LT			880	880	880																
557	IC-2	BUSCH BLVD	22+16, 73' LT			1			35																
557	IC-3	BUSCH BLVD	22+16, 73' LT	24+40, 50' LT	240				240																
557			PULL BOX SLACK						20																
557			OVERHEAD SAG				13		13																
BUSCH BLVD: STA 24+40 TO 35+50																									
558	IC-1	BUSCH BLVD	24+40, 50' LT	29+67, 54' LT	530				530																
558	SE U-1	BUSCH BLVD	29+67, 54' LT						150		1	24													
558	IC-2	BUSCH BLVD	29+67, 54' LT	35+50, 53' LT	582				582																
558			PULL BOX SLACK						20																
BUSCH BLVD: STA 35+50 TO 52+83/W SCHROCK RD: STA 51+65 TO 54+00																									
559	IC-1	BUSCH BLVD	35+50, 53' LT	44+12, 53' LT	862				862																
559	SE U-1	BUSCH BLVD	44+12, 53' LT						150		1	24													
559	IC-2	BUSCH BLVD	44+12, 53' LT	44+51, 55' LT	39				39																
559	IC-3	BUSCH BLVD	44+51, 55' LT						35																
559	IC-4	BUSCH BLVD	44+51, 55' LT	45+62, 53' LT			110	110	110																
559	IC-5	BUSCH BLVD	45+62, 53' LT						35																
559	IC-6	BUSCH BLVD	45+62, 53' LT	52+31, 61' LT	670				670																
559	IC-7	BUSCH BLVD	52+31, 61' LT						35																
559	IC-8	W SCHROCK RD	52+39, 53' RT	53+45, 66' LT			242	242	242																
559	IC-9	W SCHROCK RD	53+45, 66' LT						35																
559	IC-10	W SCHROCK RD	53+45, 66' LT	53+68, 53' LT	26				26																
559	SE U-1	W SCHROCK RD	53+68, 53' LT						150		1	24													
559	IC-11	W SCHROCK RD	53+68, 53' LT	54+00, 53' LT	31				31																
559			PULL BOX SLACK						50																
559			OVERHEAD SAG				5		5																
W SCHROCK RD: STA 54+00 TO 76+00																									
560	IC-1	W SCHROCK RD	54+00, 53' LT	66+72, 67' LT	1272				1272																
560	SE U-1	W SCHROCK RD	66+72, 67' LT						150		1	24													
560	IC-2	W SCHROCK RD	66+72, 67' LT	66+77, 67' LT					5																
560	IC-3	W SCHROCK RD	66+77, 67' LT						35																
560	IC-4	W SCHROCK RD	66+72, 67' LT	67+97, 61' RT			266	266	266																
560	IC-5	W SCHROCK RD	67+97, 61' RT						35																
560	IC-6	W SCHROCK RD	67+97, 61' RT	76+00, 52' RT	802				802																
560			PULL BOX SLACK						90																
560			OVERHEAD SAG				4		4																
			SHEET TOTAL		5054	1	2613	2575	8847	1	4	120	-	-	-	-	-	-	-	-	-	-	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

2762 DR. E

PID NUMBER 13034

INTERCONNECT QUANTITIES – BUSCH BLVD BTW STA. 01+60 AND 52+83 & W SCHROCK RD BETWEEN STA. 51+65 AND 76+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

567
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION		202	632	632	632	633	633	633	804	804	804	804	804										
					EXISTING CONDUIT CLEANED, APP	CONDUIT: 2" RISER, AS PER PLAN	MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES	SIGNALIZATION, MISC.: CCTV IP-CAMERA SYSTEM	CONTROLLER ITEM, MISC.: FIBER OPTIC ETHERNET TRANSCEIVER	CONTROLLER ITEM, MISC.: LAYER 2 ETHERNET SWITCH	INTERCONNECT, MISC.: REMOVE EXISTING OVERHEAD INTERCONNECT	FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE	FIBER OPTIC CABLE, MISC.: 24 STRAND CABLE	FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 24 TERMINATION	SPLICE ENCLOSURE: OVERHEAD, AS PER PLAN	SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN	FUSION SPLICE, AS PER PLAN *								
			FROM	TO	FT	EACH	FT	EACH	EACH	EACH	FT	FT	FT	EACH	EACH	EACH										
W SCHROCK RD: STA 76+00 TO 98+60																										
561	IC-1	W SCHROCK RD	76+00, 52' RT	88+56, 38' LT	1363							1363														
561	IC-2	W SCHROCK RD	88+56, 38' LT	88+85, 40' LT	29								39													
561	CTV-1	W SCHROCK RD	88+85, 40' LT					1	1	1				1												
561	IC-3	W SCHROCK RD	88+56, 38' LT	95+02, 62' LT	756							756	756													
561	IC-4	W SCHROCK RD	95+02, 62' LT			1						35	35													
561	IC-5	W SCHROCK RD	95+02, 62' LT	97+92, 57' LT			292				292	292	292													
561	SE A-1	W SCHROCK RD	97+92, 57' LT									150	75		1		24									
561	IC-6	W SCHROCK RD	97+92, 57' LT	98+57, 56' LT			65				65	65														
561			PULL BOX SLACK									90	30													
561			OVERHEAD SAG				5					5														
W SCHROCK RD: STA 98+60 TO 119+50																										
562	IC-1	W SCHROCK RD	98+57, 56' LT	105+74, 59' LT			718				718	717														
562	SE A-1	W SCHROCK RD	105+74, 59' LT									150			1		24									
562	IC-2	W SCHROCK RD	105+74, 59' LT	119+50, 58' LT			1376				1376	1376														
562			OVERHEAD SAG				31					31														
W SCHROCK RD: STA 119+50 TO 142+00																										
563	IC-1	W SCHROCK RD	119+50, 58' LT	122+95, 57' LT			344				344	344														
563	SE A-1	W SCHROCK RD	122+95, 57' LT									150			1		24									
563	IC-2	W SCHROCK RD	122+95, 57' LT	133+01, 56' RT			1170				1170	1170														
563	IC-3	W SCHROCK RD	133+01, 56' RT			1						35														
563	IC-4	W SCHROCK RD	133+01, 56' RT	141+46, 53' RT	869							869														
563	SE U-1	W SCHROCK RD	141+46, 53' RT									150	75			1	36									
563	IC-5	W SCHROCK RD	141+46, 53' RT	142+00, 46' RT	54							54	54													
563			PULL BOX SLACK									30														
563			OVERHEAD SAG				23					23														
W SCHROCK RD: STA 142+00 TO 163+50																										
564	IC-1	W SCHROCK RD	142+00, 46' RT	148+81, 35' RT	683							683	683													
564	IC-2	W SCHROCK RD	148+81, 35' RT	148+99, 30' RT	18								28													
564	CTV-1	W SCHROCK RD	148+99, 30' RT					1	1	1				1												
564	IC-3	W SCHROCK RD	148+81, 35' RT	149+56, 65' LT	125							125														
564	IC-4	W SCHROCK RD	149+56, 65' LT			1						35														
564	IC-5	W SCHROCK RD	149+56, 65' LT	163+54, 58' LT			1399				1399	1399														
564			PULL BOX SLACK									30	20													
564			OVERHEAD SAG				21					21														
W SCHROCK RD: STA 163+50 TO 184+00/CLEVELAND AVE: STA 318+00 TO 320+50																										
565	IC-1	W SCHROCK RD	163+54, 58' LT	174+80, 48' LT			1130				1130	1130														
565	SE A-1	W SCHROCK RD	174+80, 48' LT									150			1		24									
565	IC-2	W SCHROCK RD	174+80, 48' LT	182+21, 61' LT			743				743	743														
565	SE A-2	CLEVELAND AVE	319+91, 47' RT									150			1		24									
565	IC-3	CLEVELAND AVE	319+91, 47' RT	318+00, 63' RT			335				335	335														
565			OVERHEAD SAG				33					33														
			SHEET TOTAL		3897	3	7685	2	2	2	7572	12689	2087	2	5	1	156	-	-	-	-	-	-	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

2762 DR. E

PID NUMBER 13034

INTERCONNECT QUANTITIES–W SCHROCK RD BTW STA. 76+00 AND 184+00 & CLEVELAND AVE BETWEEN STA. 318+00 AND 320+50

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

568
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION		625	625	625	625	625	625	625	625	625	632	632	633	804								
					CONDUIT, 2", 725.05, AS PER PLAN	CONDUIT, 3", 725.05, AS PER PLAN	CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, 725.05, 3", AS PER PLAN	CONDUIT, MISC.: 4" CONDUIT, FIBER-GLASS REINFORCED, ATTACHED TO STRUCTURE	NO. 1/0 AWG 5000 VOLT DISTRIBUTION CABLE	POWER SERVICE, AS PER PLAN	PULL BOX, 18", AS PER PLAN	PULL BOX, MISC.: CONCRETE, 32"	TRENCH, 36" DEEP, AS PER PLAN	CONDUIT: 2" RISER, AS PER PLAN	MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES	INTERCONNECT, MISC.: REMOVE EXISTING OVERHEAD INTERCONNECT	FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE								
			FROM	TO	FT	FT	FT	FT	FT	EACH	EACH	EACH	FT	EACH	FT	FT	FT								
CLEVELAND AVE: STA 292+00 TO 318+00																									
566	IC-1	CLEVELAND AVE	291+97, 47' RT	295+62, 41' RT		728						1	364				364								
566	IC-2	CLEVELAND AVE	295+62, 41' RT	295+71, 82' RT			84					1					42								
566	IC-3	CLEVELAND AVE	295+71, 82' RT	298+82, 47' RT		626						1	313				313								
566	IC-4	CLEVELAND AVE	298+82, 47' RT	302+32, 47' RT				355				1					355								
566	IC-5	CLEVELAND AVE	302+32, 47' RT	304+06, 74' RT		352						1	176				176								
566	IC-6	CLEVELAND AVE	304+06, 74' RT	304+36, 43' RT			86					1					43								
566	IC-7	CLEVELAND AVE	304+36, 43' RT	306+71, 59' RT		468						1	234				234								
566	IC-8	CLEVELAND AVE	306+71, 59' RT	307+07, 58' RT			74					1					37								
566	IC-9	CLEVELAND AVE	307+07, 58' RT	307+07, 124' RT		132							66				66								
566	IC-10	CLEVELAND AVE	307+94, 124' RT	313+70, 45' RT		1192						1	596				596								
566	IC-11	CLEVELAND AVE	313+70, 45' RT											2			35								
566	IC-12	CLEVELAND AVE	313+70, 45' RT	318+14, 63' RT											448	448	448								
566	IC-13	CLEVELAND AVE	307+07, 58' RT	307+14, 53' RT		8					1		8												
566	IC-14	CLEVELAND AVE	307+14, 53' RT	313+70, 45' RT												850									
566	EC-1	CLEVELAND AVE	308+00, 124' RT	315+34, 76' RT	753				2259		2		753												
566	EC-2	CLEVELAND AVE	315+34, 76' RT						35	1				1											
566			PULL BOX SLACK						15																
566			OVERHEAD SAG												7		7								
			SHEET TOTAL		753	3506	244	355	2309	1	3	9	2510	3	455	1298	2716	-	-	-	-	-	-	-	-

PID NUMBER
13034

INTERCONNECT QUANTITIES
CLEVELAND AVE BTW STA. 292+00 TO 318+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

2762 DR. E

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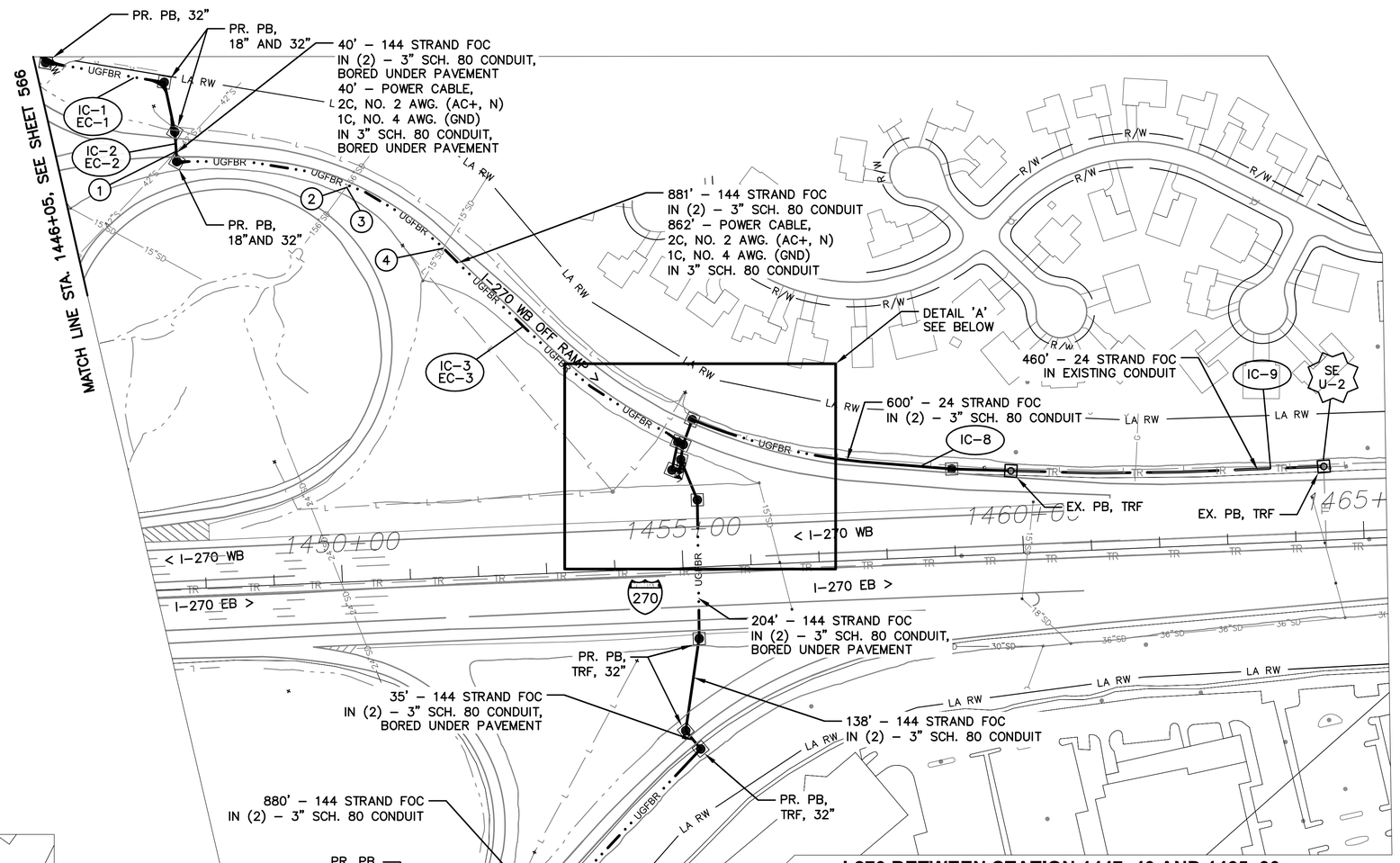
1. SEE SHEET 571 FOR INTERCONNECT QUANTITIES.

2. SEE SHEET 756 FOR COMMUNICATION DETAILS.

3. SEE SHEET 61 FOR POWER SERVICE DETAILS.



NODE #270027.7
REFER TO SHEETS 1094 & 1095
FOR COMMUNICATION DETAILS



I-270 BETWEEN STATION 1447+40 AND 1465+30

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 16.

CITY OF COLUMBUS UTILITY LEGEND

- ☒ SEWER
- ☒ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 100 200

PID NUMBER 13034

INTERCONNECT PLAN
I–270 BETWEEN STA. 1447+40 AND 1465+30

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

570
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION FROM	STATION TO	625 CONDUIT, 2", 725.05, AS PER PLAN (FT)	625 CONDUIT, 3", 725.05, AS PER PLAN (FT)	625 CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, 725.05, 3", AS PER PLAN (FT)	625 NO. 2 AWG 600 VOLT DISTRIBUTION CABLE (FT)	625 PULL BOX, 18", AS PER PLAN (EACH)	625 PULL BOX, MISC.: CONCRETE, 32" (EACH)	625 PULL BOX, MISC.: CONCRETE, 48" (EACH)	625 TRENCH, 36" DEEP, AS PER PLAN (FT)	633 CONTROLLER ITEM, MISC.: COMMUNICATIONS NODE (EACH)	633 CONTROLLER ITEM, MISC.: FIBER OPTIC ETHERNET TRANSCEIVER (EACH)	633 CONTROLLER ITEM, MISC.: LAYER 3 ETHERNET SWITCH (EACH)	804 FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE (FT)	804 FIBER OPTIC CABLE, MISC.: 24 COUNT PRE-TERMINATED PATCH PANEL ASSEMBLY (EACH)	804 FIBER OPTIC CABLE, MISC.: 24 STRAND CABLE (FT)	804 FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 144 TERMINATION (EACH)	804 FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 24 TERMINATION (EACH)	804 SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN (EACH)	FUSION SPLICE, AS PER PLAN *			
I-270: STA 1447+40 TO 1465+30																									
570	IC-1	I-270	1446+04, 650' LT	1446+52, 660' LT		100				1		50				50									
570	IC-2	I-270	1446+52, 660' LT	1446+85, 687' LT			86				1					43									
570	SE U-1	I-270	1446+85, 687' LT													300		300			2	312			
570	IC-3	I-270	1446+85, 687' LT	1146+89, 712' LT		76				1		38				86		48							
570	CN-1	I-270	1146+89, 712' LT										1	6	1		1		2	1					
570	EC-1	I-270	1146+89, 712' LT	1445+89, 736' LT	115			345	1			115													
570	IC-4	I-270	1446+85, 687' LT	1445+88, 877' LT		304						152				152									
570	IC-5	I-270	1446+85, 687' LT	1464+45, 108' LT		3848				4		1924						3848							
570	SE U-2	I-270	1464+45, 108' LT															150			1	48			
570			PULL BOX SLACK					15								30		50							
			SHEET TOTAL		115	4328	86	360	1	6	1	2279	1	6	1	661	1	4396	2	1	3	360	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

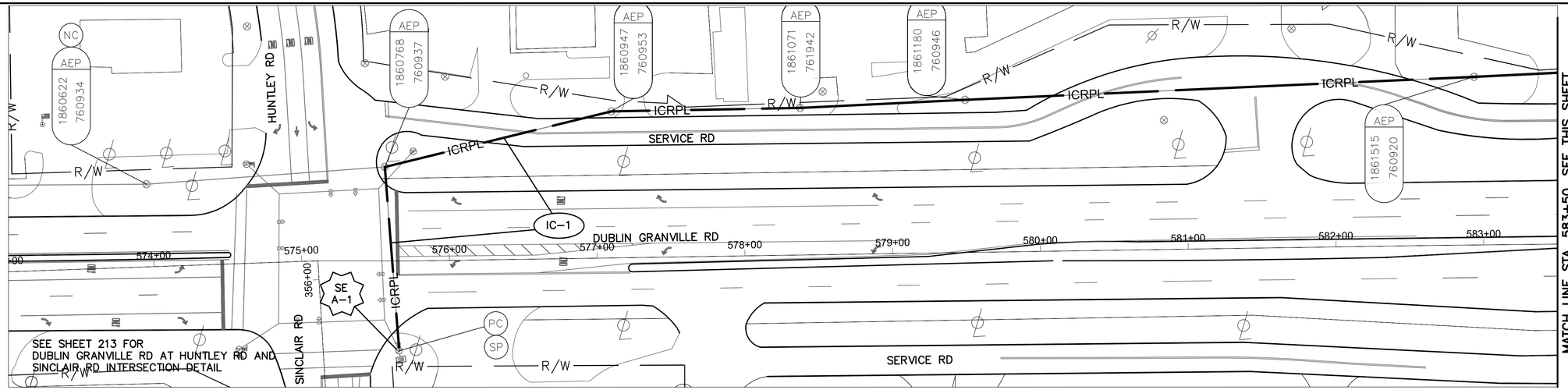
2762 DR. E

PID NUMBER 13034

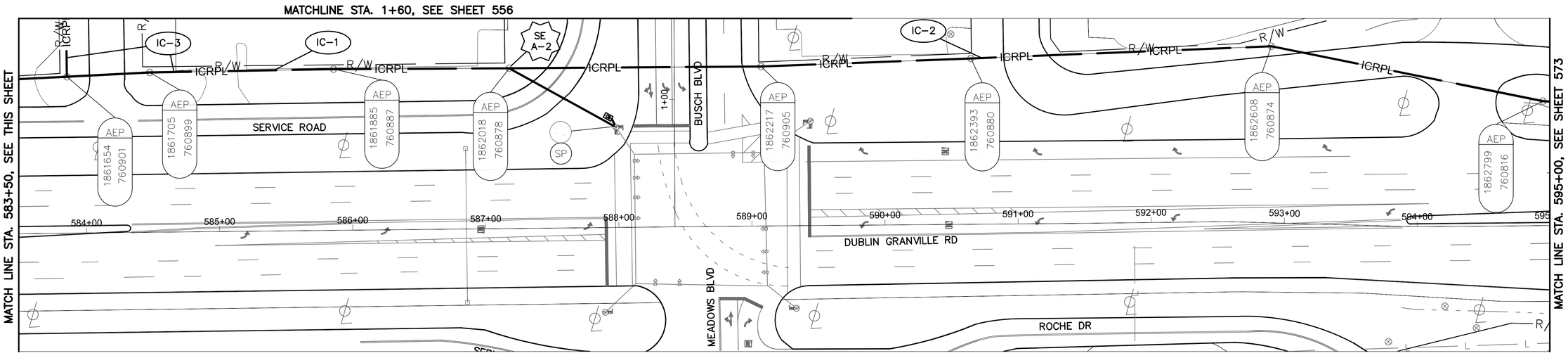
INTERCONNECT QUANTITIES
CLEVELAND AVE BTW STA. 292+00 TO 318+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

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DUBLIN GRANVILLE RD BETWEEN STATION 573+00 AND 583+50



SEE SHEET 241 FOR BUSCH BLVD AT DUBLIN GRANVILLE RD INTERSECTION DETAIL

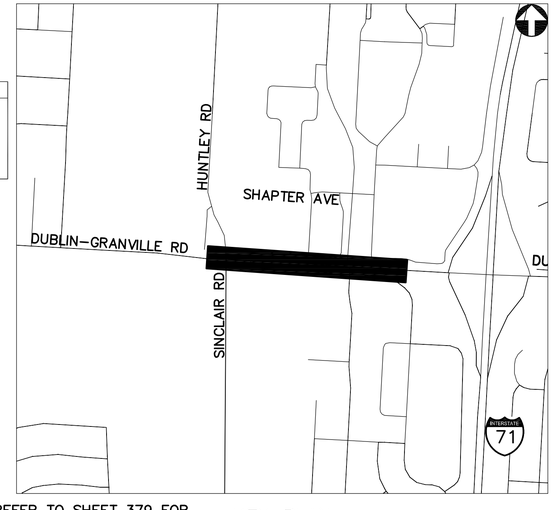
DUBLIN GRANVILLE RD BETWEEN STATION 583+50 AND 595+00

NOTES:

1. SEE SHEET 580 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 751 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

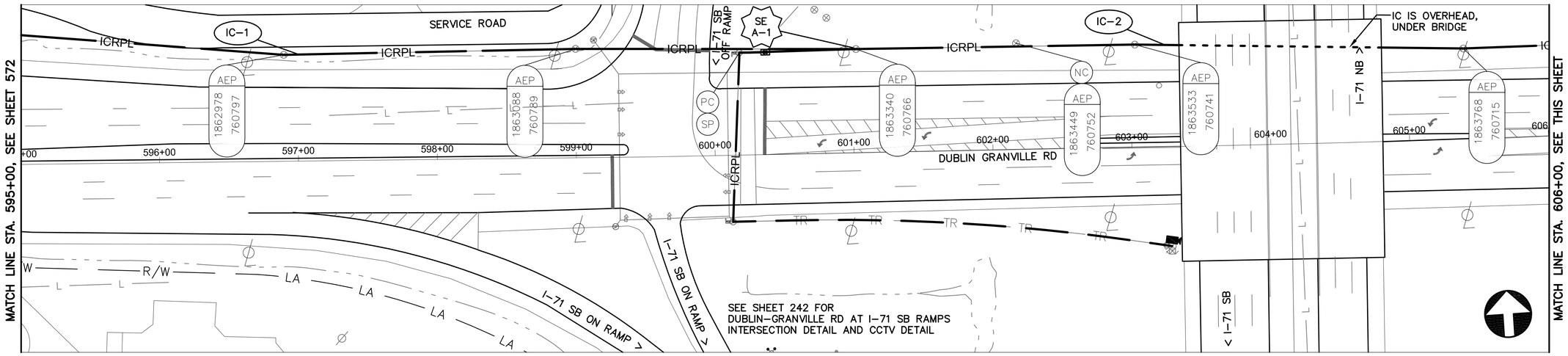
PID NUMBER 13034

INTERCONNECT PLAN
DUBLIN GRANVILLE RD BETWEEN STA. 573+00 AND 595+00

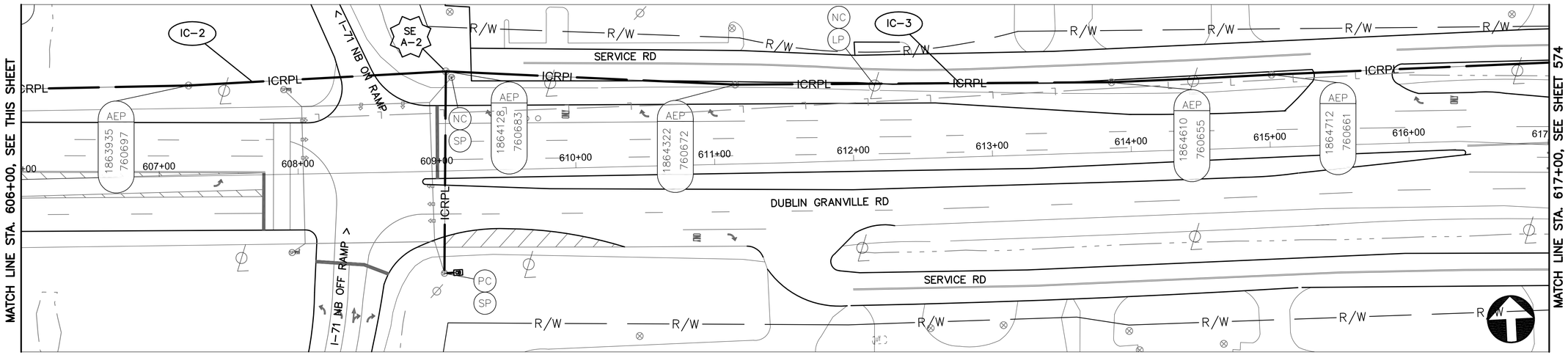
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

572
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_45_DublinGranville_Corridor.dwg ~ DGV-1 layout ~ last saved by: CCL sdlowry 06/25/2015 05:43pm ~ printed 07/01/2015 11:53am



DUBLIN GRANVILLE RD BETWEEN STATION 595+00 AND 606+00



SEE SHEET 243 FOR DUBLIN-GRANVILLE RD AT I-71 NB RAMPS INTERSECTION DETAIL

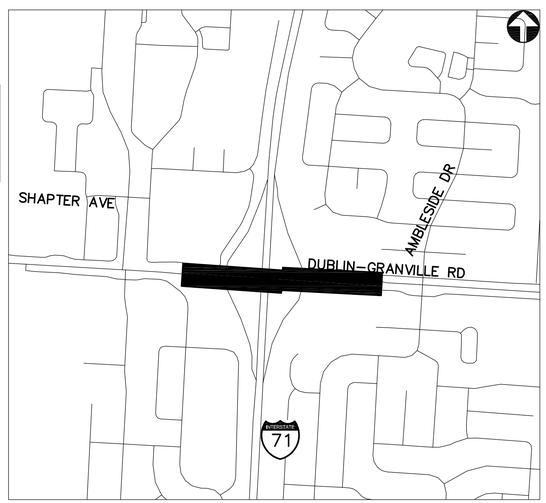
DUBLIN GRANVILLE RD BETWEEN STATION 606+00 AND 617+00

NOTES:

1. SEE SHEET 580 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 751 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

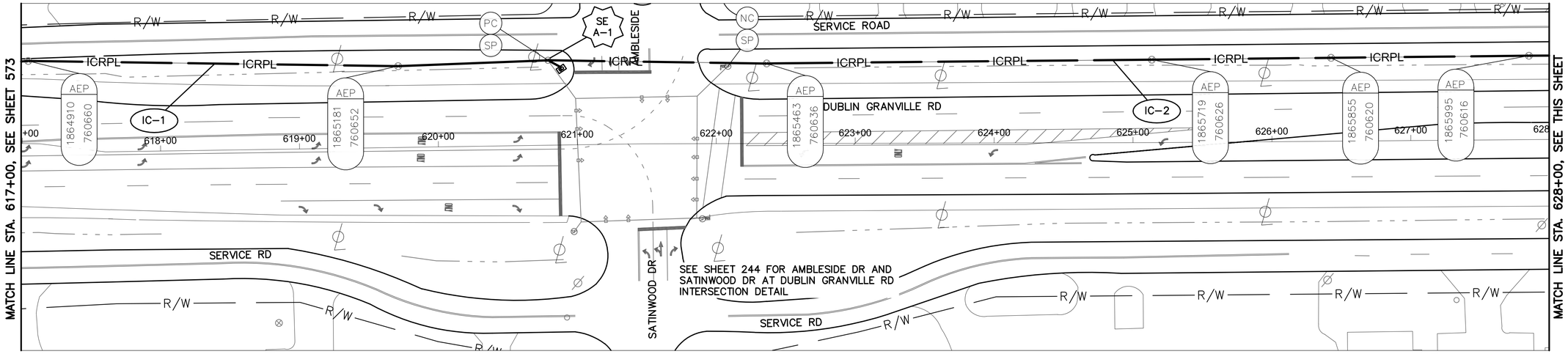
PID NUMBER 13034

INTERCONNECT PLAN
DUBLIN GRANVILLE RD BETWEEN STA. 595+00 AND 617+00

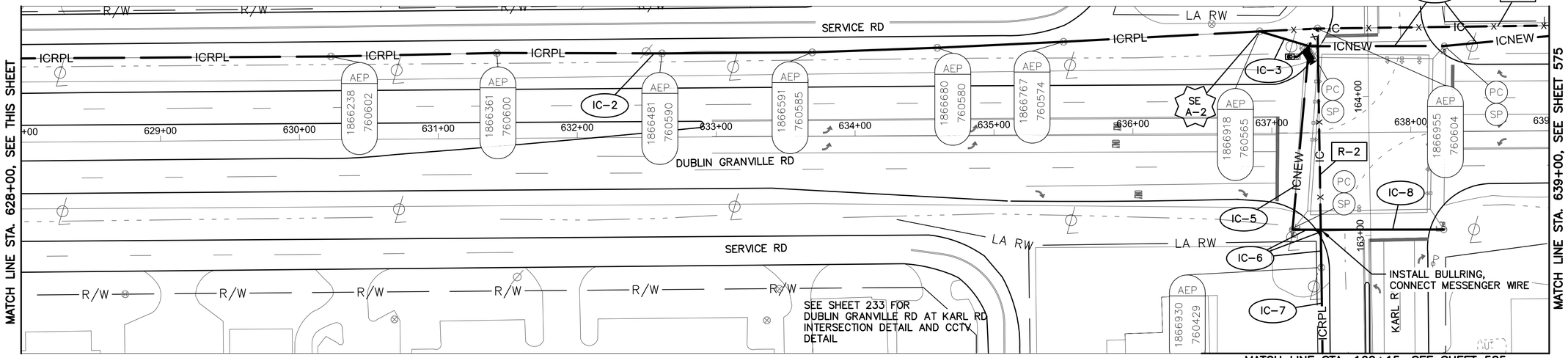
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

573
1107

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DUBLIN GRANVILLE RD BETWEEN STATION 617+00 AND 628+00



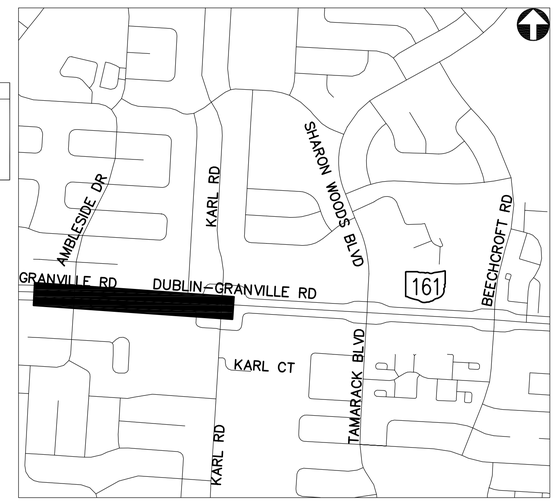
DUBLIN GRANVILLE RD BETWEEN STATION 628+00 AND 639+00

NOTES:

1. SEE SHEET 580 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 751 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR.E

HORIZONTAL SCALE IN FEET
0 40 80

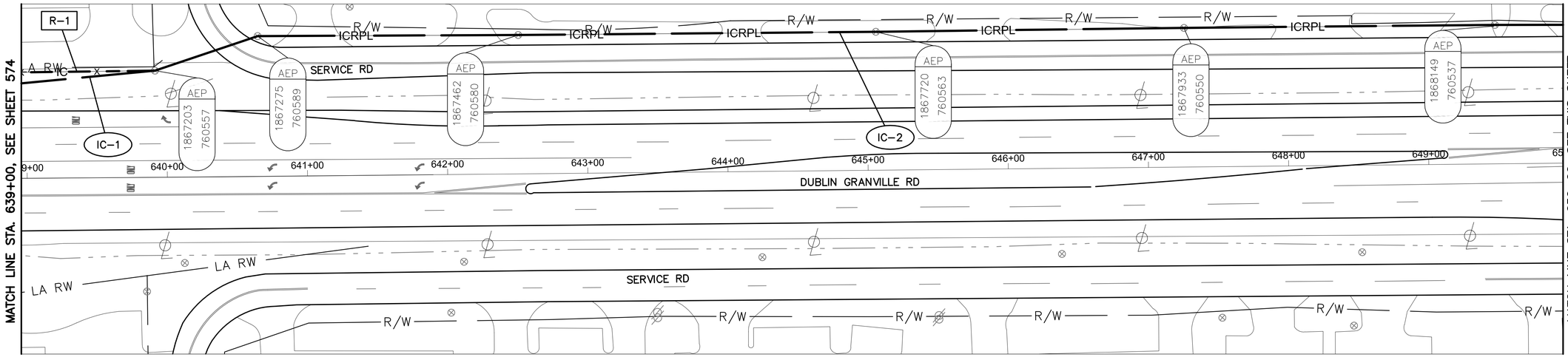
PID NUMBER 13034

INTERCONNECT PLAN
DUBLIN GRANVILLE RD BETWEEN STA. 617+00 AND 639+00

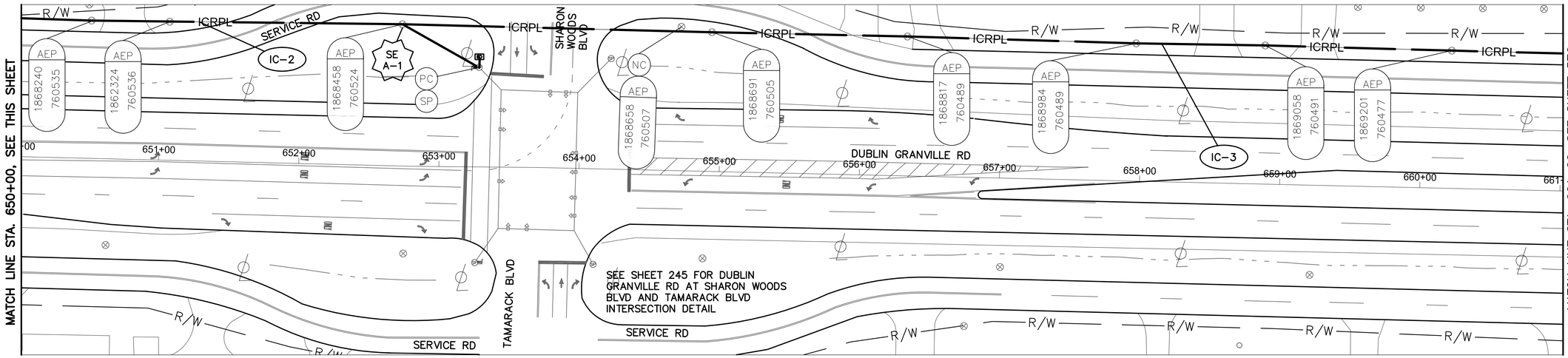
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

574
1107

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DUBLIN GRANVILLE RD BETWEEN STATION 639+00 AND 650+00



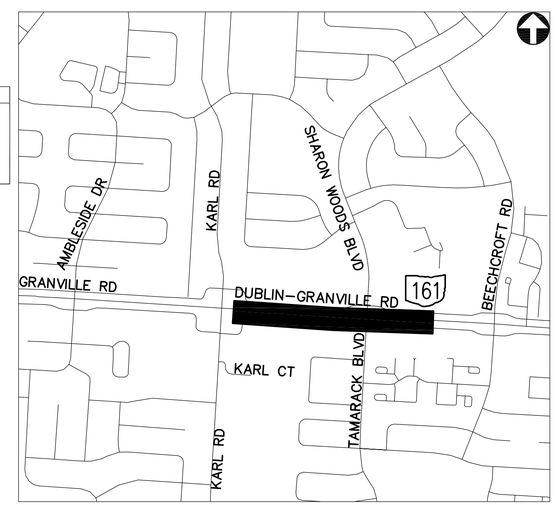
DUBLIN GRANVILLE RD BETWEEN STATION 650+00 AND 661+00

NOTES:

1. SEE SHEET 581 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 751 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

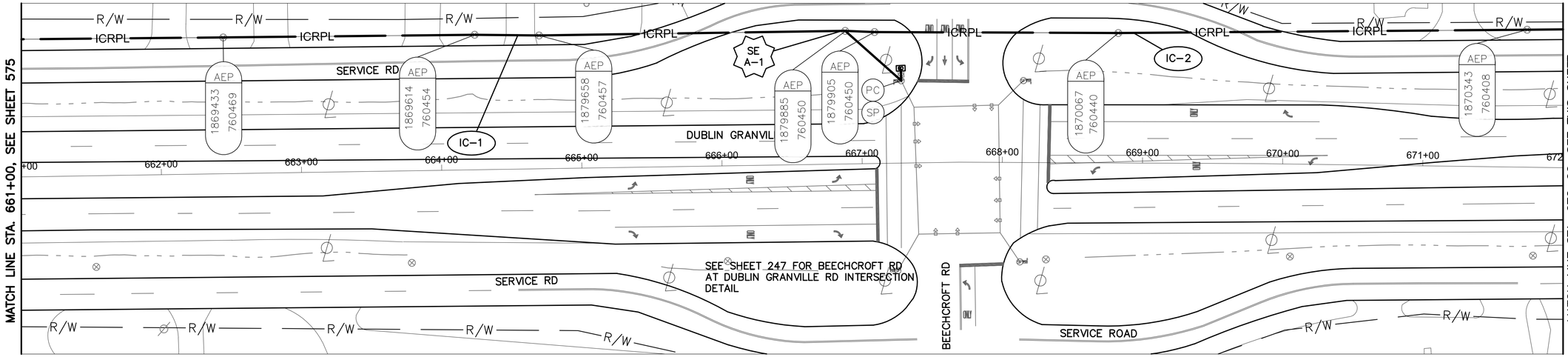
PID NUMBER 13034

INTERCONNECT PLAN
DUBLIN GRANVILLE RD BETWEEN STA. 639+00 AND 661+00

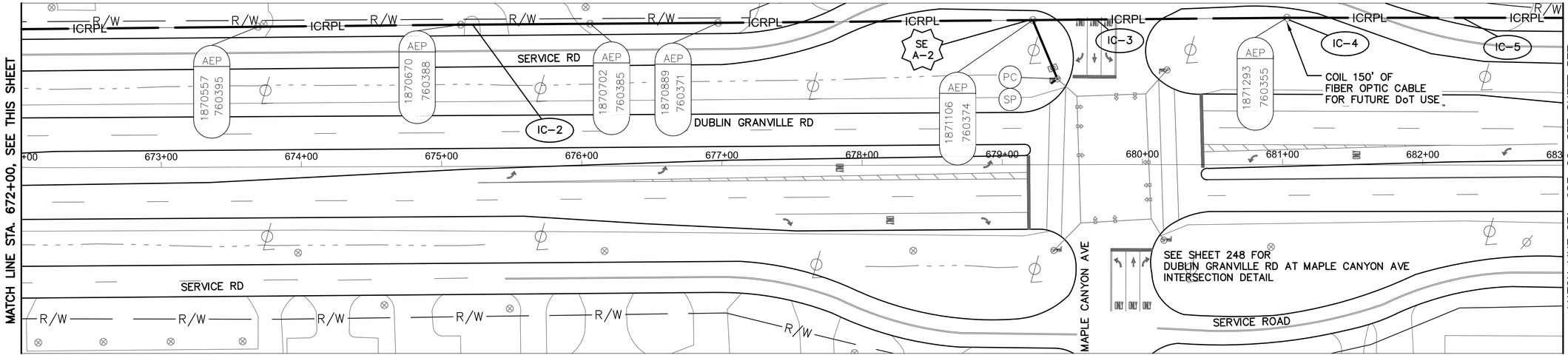
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

575
1107

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DUBLIN GRANVILLE RD BETWEEN STATION 661+00 AND 672+00



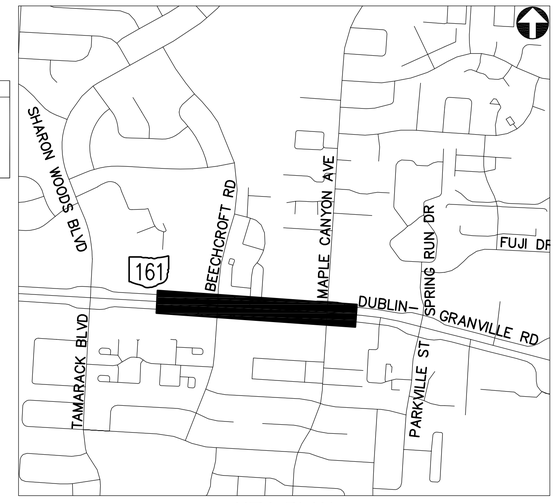
DUBLIN GRANVILLE RD BETWEEN STATION 672+00 AND 683+00

NOTES:

1. SEE SHEET 581 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 752 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

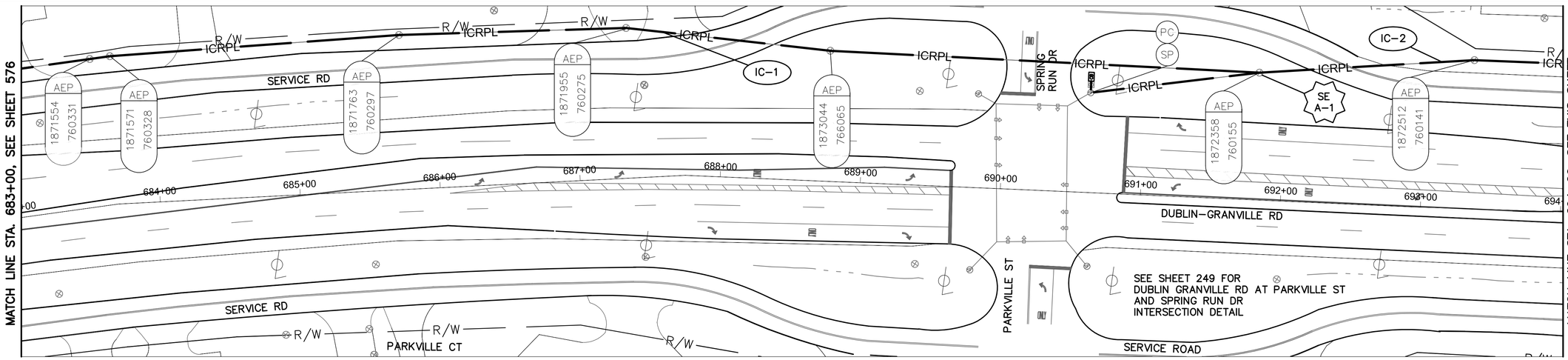
PID NUMBER 13034

INTERCONNECT PLAN
DUBLIN GRANVILLE RD BETWEEN STA. 661+00 AND 683+00

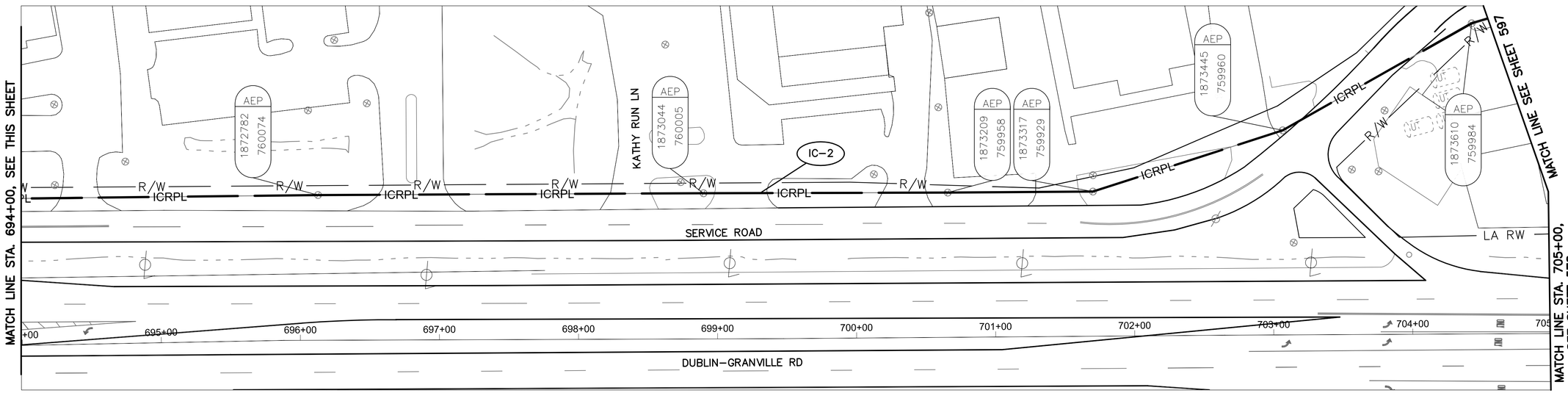
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

576
1107

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DUBLIN GRANVILLE RD BETWEEN STATION 683+00 AND 694+00



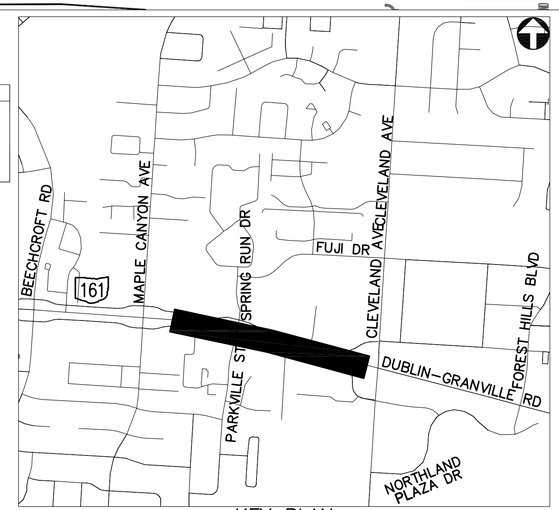
DUBLIN GRANVILLE RD BETWEEN STATION 694+00 AND 705+00

NOTES:

1. SEE SHEET 581 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 752 FOR COMMUNICATION DETAILS.

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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



KEY PLAN
NOT TO SCALE

REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

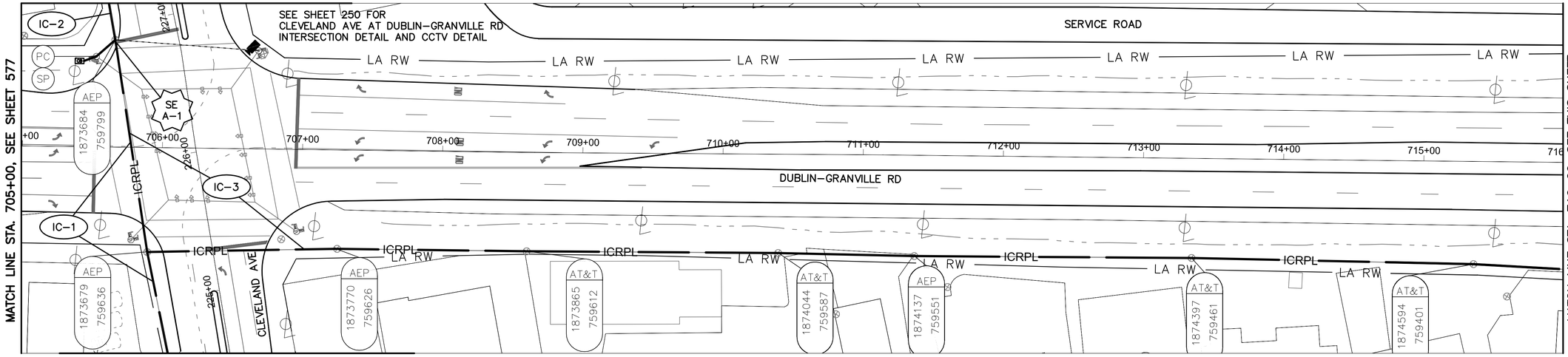
INTERCONNECT PLAN
DUBLIN GRANVILLE RD BETWEEN STA. 683+00 AND 705+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

577
1107

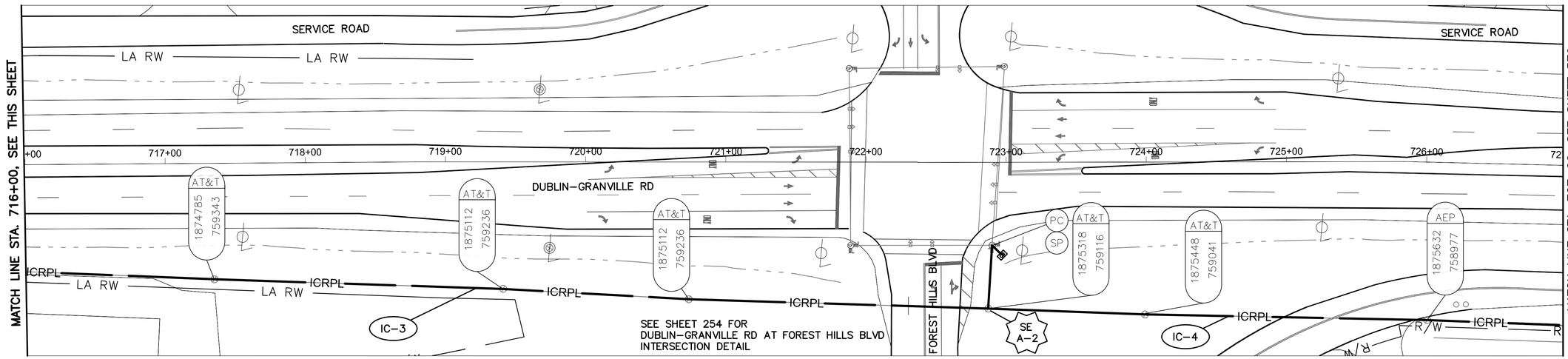
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MATCH LINE STA. 227+10 CLEVELAND AVE, SEE SHEET 597



MATCH LINE STA. 224+50 CLEVELAND AVE, SEE SHEET 596

DUBLIN GRANVILLE RD BETWEEN STATION 705+00 AND 716+00



SEE SHEET 254 FOR
DUBLIN–GRANVILLE RD AT FOREST HILLS BLVD
INTERSECTION DETAIL

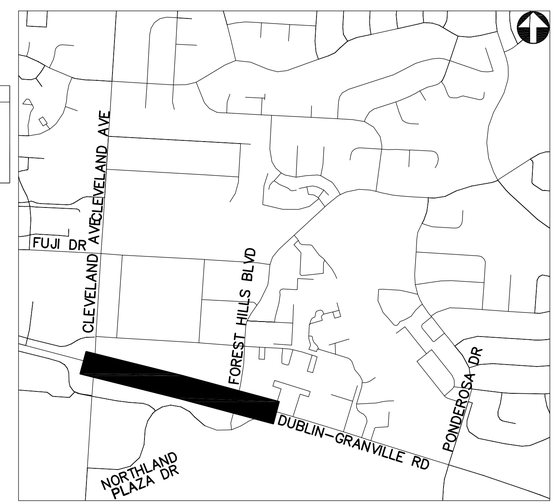
DUBLIN GRANVILLE RD BETWEEN STATION 716+00 AND 727+00

NOTES:

1. SEE SHEET 581 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 752 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
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- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



KEY PLAN
NOT TO SCALE

REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

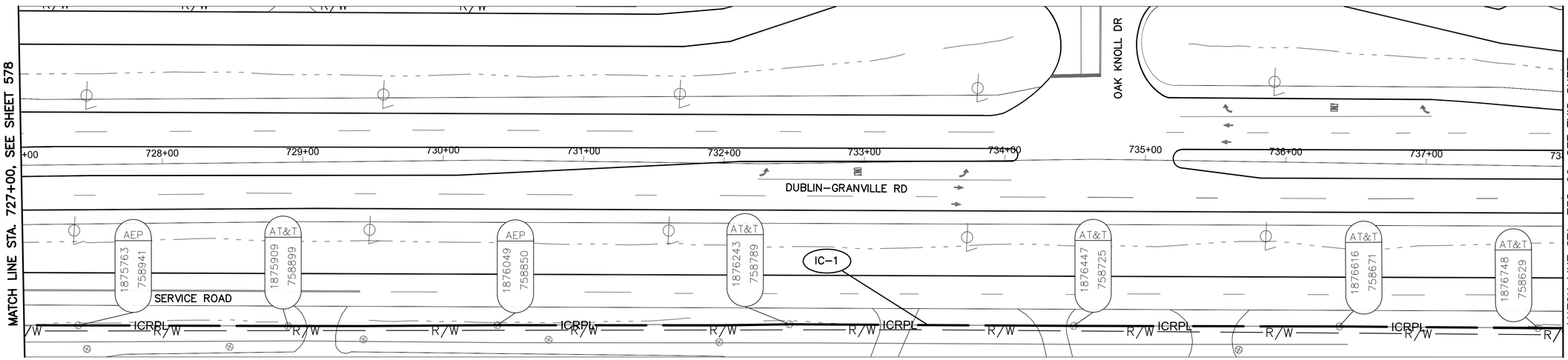
PID NUMBER 13034

INTERCONNECT PLANS – CLEVELAND AVE BTW STA. 224+50 AND 227+10
DUBLIN GRANVILLE RD BETWEEN STA. 705+00 AND 727+00

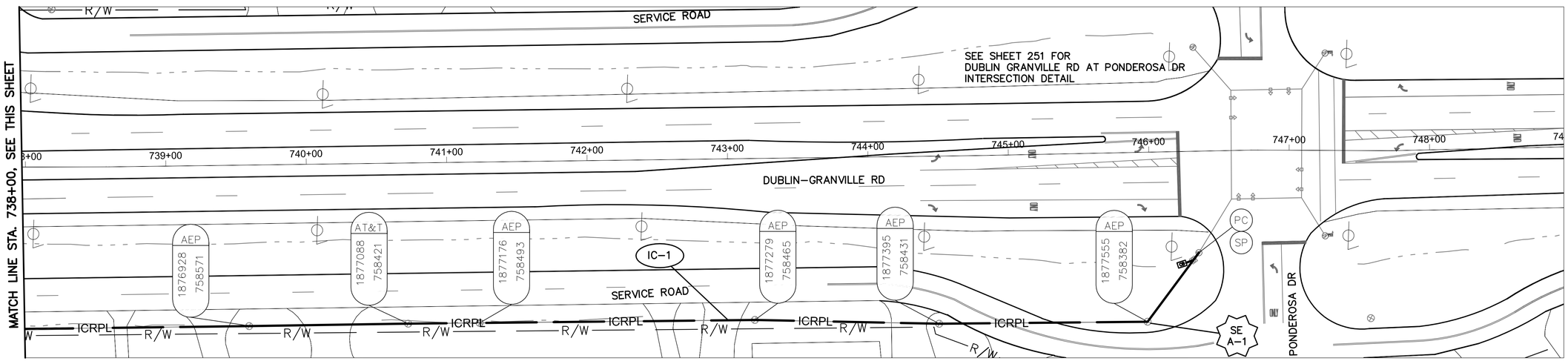
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

578
1107

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DUBLIN GRANVILLE RD BETWEEN STATION 727+00 AND 738+00



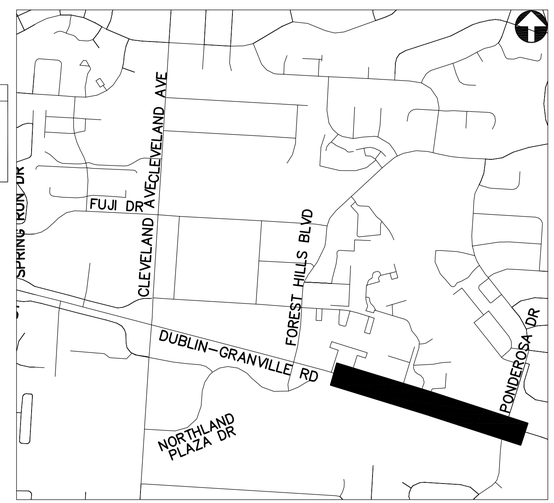
DUBLIN GRANVILLE RD BETWEEN STATION 738+00 AND 749+00

NOTES:

1. SEE SHEET 581 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 752 FOR COMMUNICATION DETAILS.

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CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

INTERCONNECT PLAN
DUBLIN GRANVILLE RD BETWEEN STA. 727+00 AND 749+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

579
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION		632 MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES	633 INTERCONNECT, MISC.: REMOVE EXISTING OVERHEAD INTERCONNECT	804 FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE	804 SPLICE ENCLOSURE: OVERHEAD, AS PER PLAN	FUSION SPLICE, AS PER PLAN *
			FROM	TO	FT	FT	FT	EACH	
DUBLIN GRANVILLE RD: STA 573+00 TO 595+00									
572	SE A-1	DUBLIN GRANVILLE RD	575+66, 61' RT				75	1	12
572	IC-1	DUBLIN GRANVILLE RD	575+66, 61' RT	587+19, 120' LT	1291	1291	1291		
572	SE A-2	DUBLIN GRANVILLE RD	587+19, 120' LT				225	1	168
572	IC-2	DUBLIN GRANVILLE RD	587+19, 120' LT	595+00, 93' LT	787	787	787		
572	IC-3	DUBLIN GRANVILLE RD	584+03, 161' LT	587+19, 120' LT	44	44	376		
572			OVERHEAD SAG		32		37		
DUBLIN GRANVILLE RD: STA 595+00 TO 617+00									
573	IC-1	DUBLIN GRANVILLE RD	595+00, 93' LT	601+03, 75' LT	601	601	601		
573	SE A-1	DUBLIN GRANVILLE RD	601+03, 75' LT				150	1	24
573	IC-2	DUBLIN GRANVILLE RD	601+03, 75' LT	609+08, 72' LT	805	805	805		
573	SE A-2	DUBLIN GRANVILLE RD	609+08, 72' LT				150	1	24
573	IC-3	DUBLIN GRANVILLE RD	609+08, 72' LT	617+00, 59' LT	795	795	795		
573			OVERHEAD SAG		33		33		
DUBLIN GRANVILLE RD: STA 617+00 TO 639+00									
574	IC-1	DUBLIN GRANVILLE RD	617+00, 59' LT	620+80, 61' LT	379	379	379		
574	SE A-1	DUBLIN GRANVILLE RD	620+80, 61' LT				150	1	24
574	IC-2	DUBLIN GRANVILLE RD	620+80, 61' LT	636+92, 73' LT	1613	1613	1613		
574	SE A-2	DUBLIN GRANVILLE RD	636+92, 73' LT				225	1	156
574	IC-3	DUBLIN GRANVILLE RD	636+92, 73' LT	637+27, 62' LT	37		74		
574	IC-4	DUBLIN GRANVILLE RD	637+27, 62' LT	639+00, 68' LT	173		173		
574	IC-5	KARL RD	163+05, 56' RT	164+37, 42' LT	133		133		
574	IC-6	KARL RD	162+78, 36' LT	163+05, 56' RT	46		46		
574	IC-7	KARL RD	162+15, 36' LT	162+78, 36' LT	62	62	62		
574	IC-8	DUBLIN GRANVILLE RD	637+26, 70' RT	638+23, 70' RT	95				
574	R-1	DUBLIN GRANVILLE RD	636+92, 73' LT	639+00, 76' LT		208			
574	R-2	KARL RD	162+78, 36' LT	164+49, 36' LT		172			
574			OVERHEAD SAG		38		37		
			SHEET TOTAL		6964	6757	8217	6	408

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

2762 DR. E

PID NUMBER 13034

INTERCONNECT QUANTITIES – I-270 BETWEEN STA. 1447+40 TO 1465+30 & DUBLIN GRANVILLE RD BETWEEN STA. 573+00 AND 639+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

580
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION FROM	STATION TO	632 MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES (FT)	633 INTERCONNECT, MISC.: REMOVE EXISTING OVERHEAD INTERCONNECT (FT)	804 FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE (FT)	804 SPLICE ENCLOSURE: OVERHEAD, AS PER PLAN (EACH)	FUSION SPLICE, AS PER PLAN *																
DUBLIN GRANVILLE RD: STA 639+00 TO 661+00																									
575	IC-1	DUBLIN GRANVILLE RD	639+00, 68' LT	639+92, 76' LT	96		96																		
575	R-1	DUBLIN GRANVILLE RD	639+00, 76' LT	639+92, 76' LT		95																			
575	IC-2	DUBLIN GRANVILLE RD	639+92, 76' LT	652+72, 101' LT	1281	1281	1281																		
575	SE A-1	DUBLIN GRANVILLE RD	652+72, 101' LT				150	1	24																
575	IC-3	DUBLIN GRANVILLE RD	652+72, 101' LT	661+00, 98' LT	828	828	828																		
575			OVERHEAD SAG		33		33																		
DUBLIN GRANVILLE RD: STA 661+00 TO 683+00																									
576	IC-1	DUBLIN GRANVILLE RD	661+00, 98' LT	666+89, 95' LT	588	588	588																		
576	SE A-1	DUBLIN GRANVILLE RD	666+89, 95' LT				150	1	24																
576	IC-2	DUBLIN GRANVILLE RD	666+89, 95' LT	679+22, 103' LT	1234	1234	1234																		
576	SE A-2	DUBLIN GRANVILLE RD	679+22, 103' LT				150	1	24																
576	IC-3	DUBLIN GRANVILLE RD	679+22, 103' LT	681+3, 105' LT	182	182	182																		
576	IC-4	DUBLIN GRANVILLE RD	681+3, 105' LT				150																		
576	IC-5	DUBLIN GRANVILLE RD	681+3, 105' LT	683+00, 105' LT	197	197	197																		
576			OVERHEAD SAG		33		33																		
DUBLIN GRANVILLE RD: STA 683+00 TO 705+00																									
577	IC-1	DUBLIN GRANVILLE RD	683+00, 105' LT	691+81, 91' LT	886	886	886																		
577	SE A-1	DUBLIN GRANVILLE RD	691+81, 91' LT				150	1	24																
577	IC-2	DUBLIN GRANVILLE RD	691+81, 91' LT	704+54, 226' LT	1301	1301	1301																		
577			OVERHEAD SAG		33		33																		
CLEVELAND AVE: STA 224+50 TO 227+10/DUBLIN GRANVILLE RD: STA 705+00 TO 727+00																									
578	IC-1	CLEVELAND AVE	224+62, 44' LT	226+90, 44' LT	227	227	227																		
578	SE A-1	CLEVELAND AVE	226+90, 44' LT				300	1	192																
578	IC-2	CLEVELAND AVE	226+90, 44' LT	227+17, 44' LT	27	27	54																		
578	IC-3	DUBLIN GRANVILLE RD	705+65, 77' LT	722+87, 104' RT	1698	1698	1851																		
578	SE A-2	DUBLIN GRANVILLE RD	722+87, 104' RT				150	1	24																
578	IC-4	DUBLIN GRANVILLE RD	722+87, 104' RT	727+00, 114' RT	410	410	410																		
578			OVERHEAD SAG		35		38																		
DUBLIN GRANVILLE RD: STA 727+00 TO 749+00																									
579	IC-1	DUBLIN GRANVILLE RD	727+00, 114' RT	745+97, 121' RT	1900	1900	1900																		
579	SE A-1	DUBLIN GRANVILLE RD	745+97, 121' RT				75	1	12																
579			OVERHEAD SAG		29		29																		
			SHEET TOTAL		11018	10854	12476	7	324	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

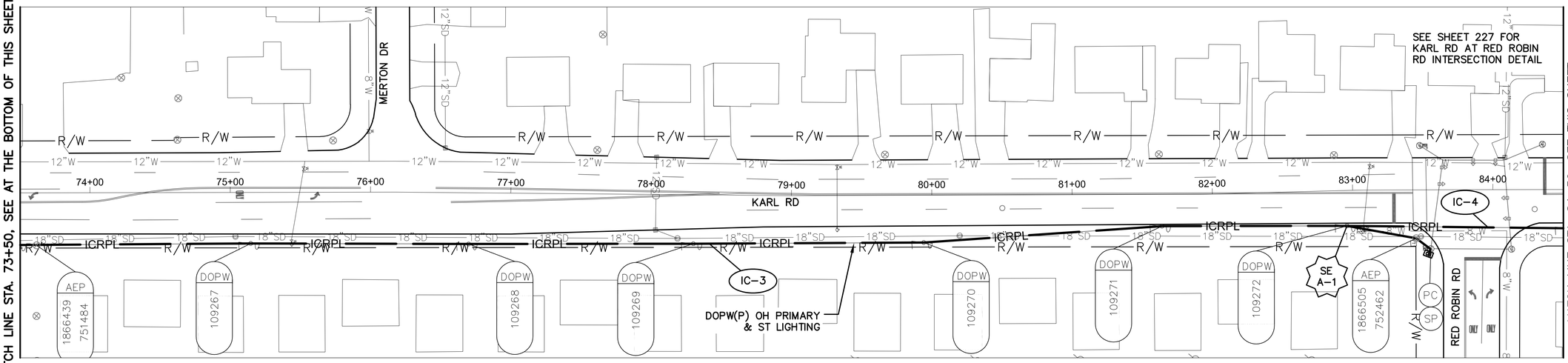
2762 DR. E

PID NUMBER 13034

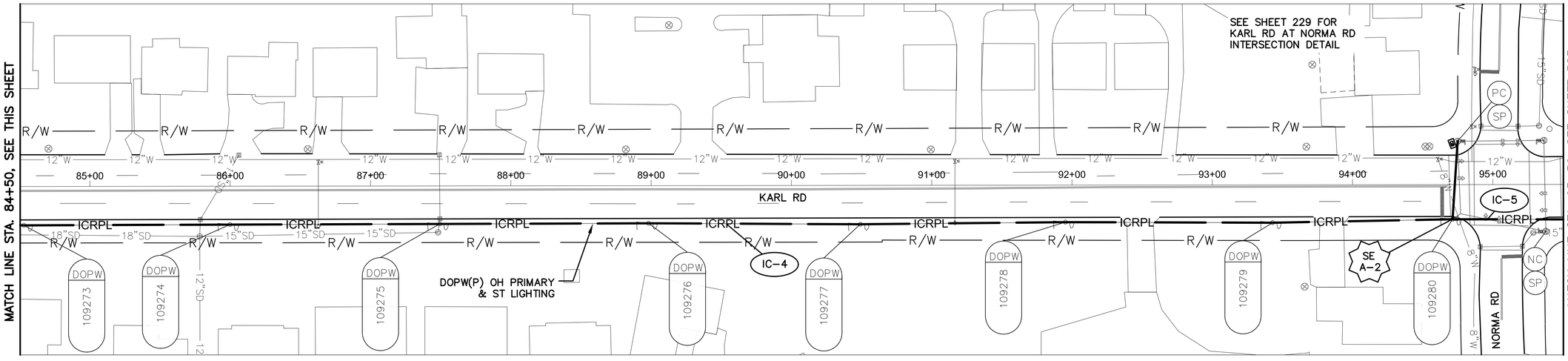
INTERCONNECT QUANTITIES
DUBLIN GRANVILLE RD BETWEEN STA. 639+00 AND 749+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

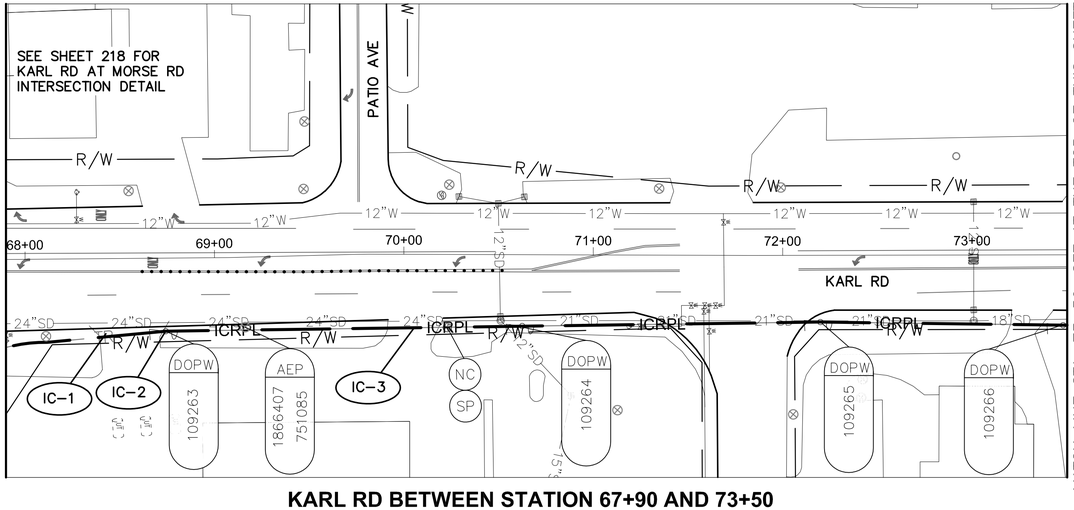
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KARL RD BETWEEN STATION 73+50 AND 84+50



KARL RD BETWEEN STATION 84+50 AND 95+50



KARL RD BETWEEN STATION 67+90 AND 73+50

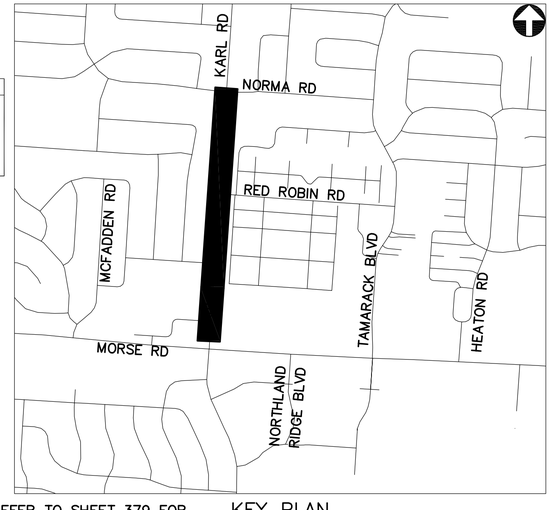
NOTES:

1. SEE SHEET 586 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 750 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
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CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☒ POWER
- ☒ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

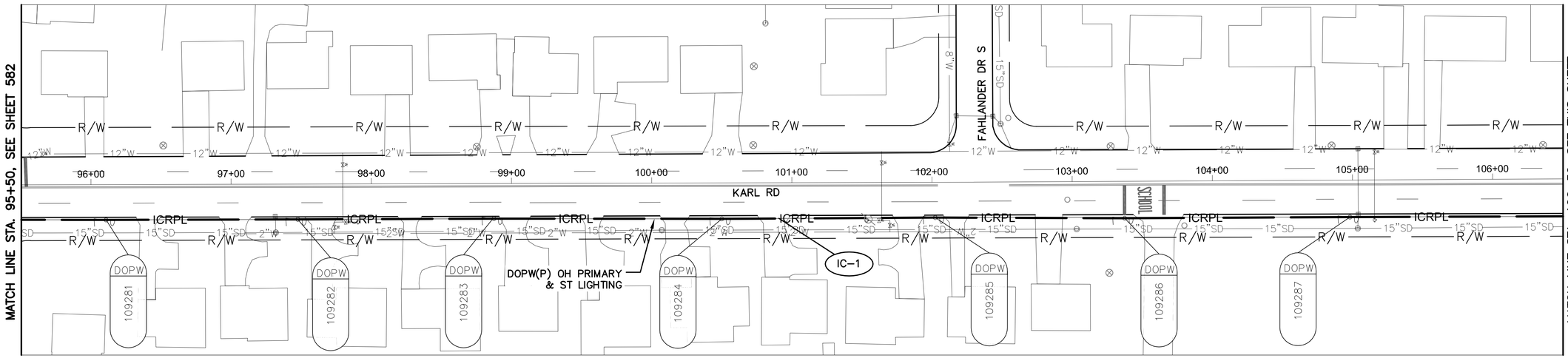
PID NUMBER 13034

INTERCONNECT PLAN
KARL RD BETWEEN STA. 67+90 AND 95+50

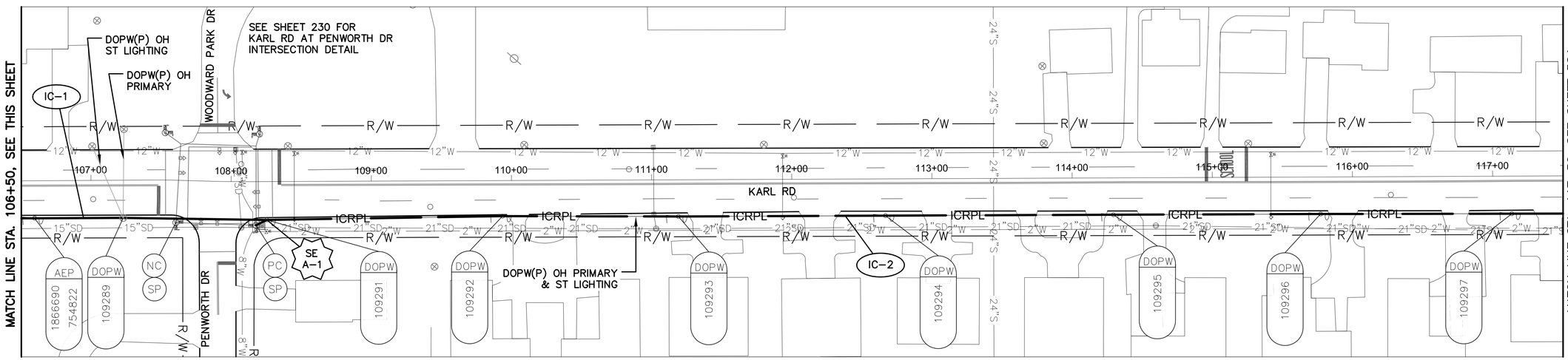
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

582
1107

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KARL RD BETWEEN STATION 95+50 AND 106+50



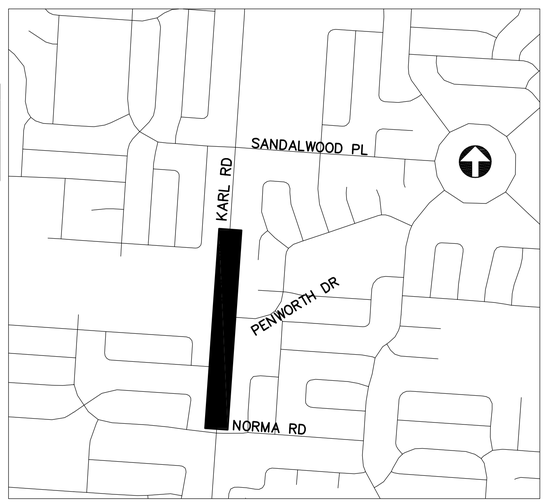
KARL RD BETWEEN STATION 106+50 AND 117+50

NOTES:

1. SEE SHEET 586 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 750 FOR COMMUNICATION DETAILS.

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- ☐ WATER
- ☒ POWER
- ☒ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762DR.E

HORIZONTAL SCALE IN FEET
0 40 80

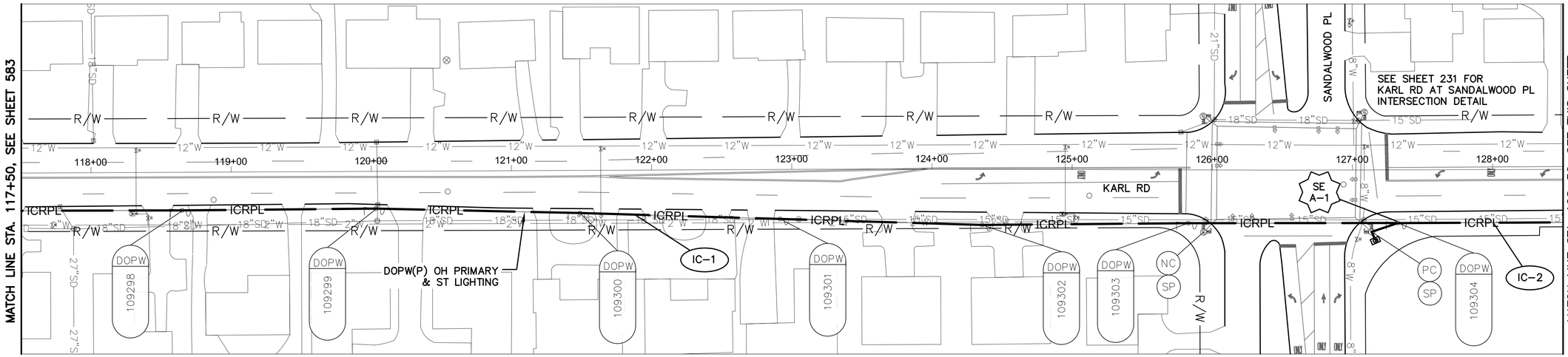
PID NUMBER 13034

INTERCONNECT PLAN
KARL RD BETWEEN STA. 95+50 AND 117+50

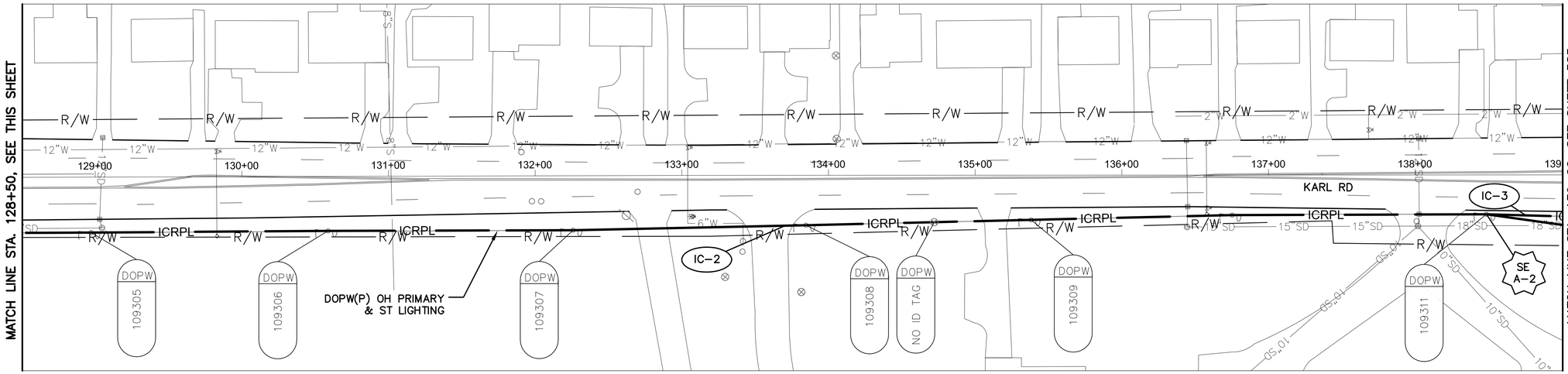
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

583
1107

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KARL RD BETWEEN STATION 117+50 AND 128+50



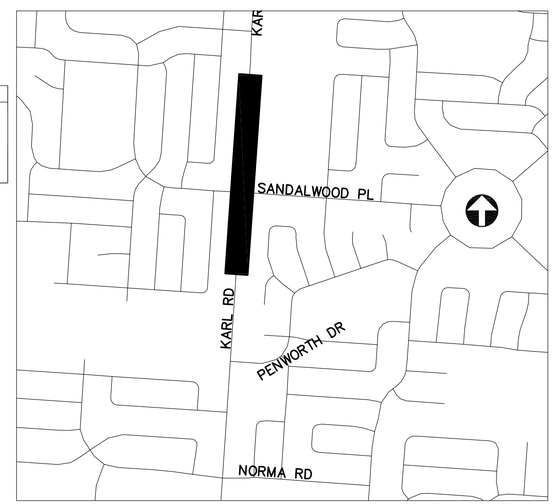
KARL RD BETWEEN STATION 128+50 AND 139+00

NOTES:

1. SEE SHEET 586 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 750 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- SEWER
- WATER
- POWER
- LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

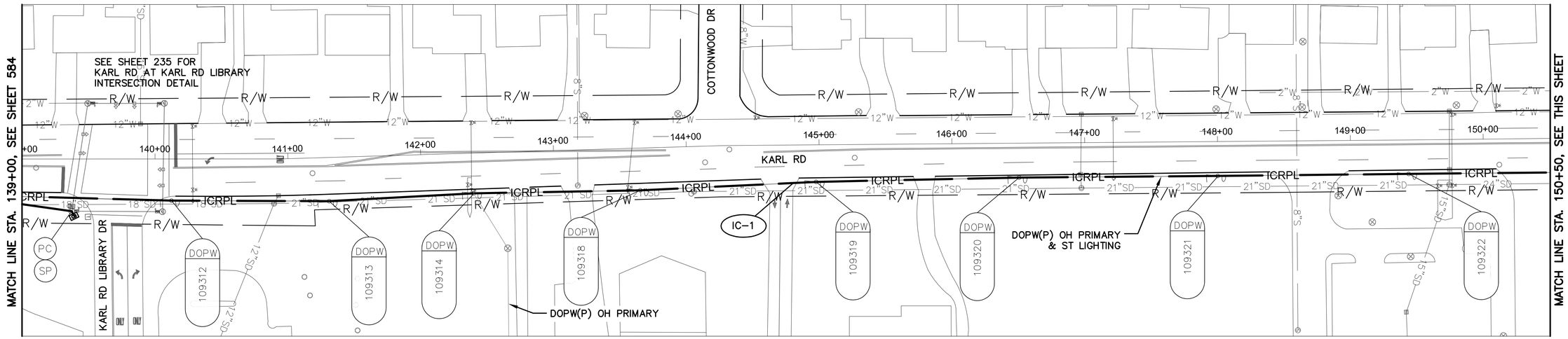
PID NUMBER 13034

INTERCONNECT PLAN
KARL RD BETWEEN STA. 117+50 AND 139+00

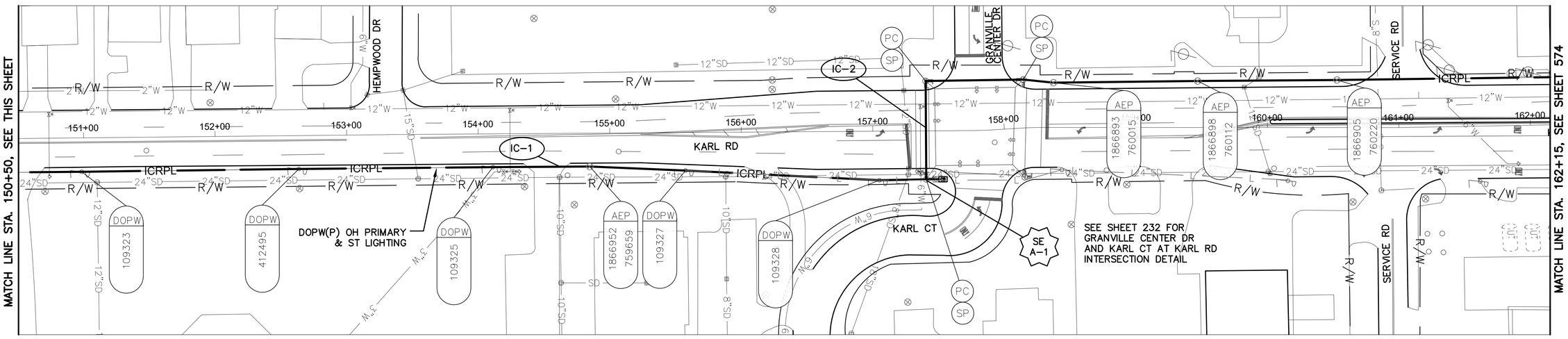
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

584
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_44_Karl_Corridor.dwg – K-4 layout ~ last saved by: CCI, sdlowry 06/26/2015 10:10am ~ printed 07/01/2015 11:58am



KARL RD BETWEEN STATION 139+00 AND 150+50



KARL RD BETWEEN STATION 150+50 AND 162+15

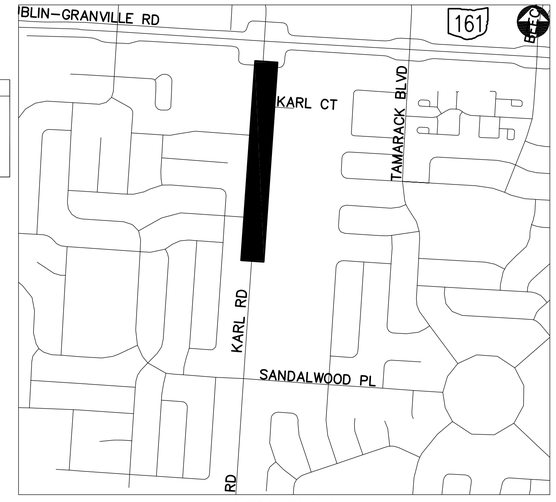
NOTES:

1. SEE SHEET 586 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 750 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
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CALL TOLL FREE 800-362-2764
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CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☒ POWER
- ☒ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

INTERCONNECT PLAN
KARL RD BETWEEN STA. 139+00 AND 162+15

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

585
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION		202	632	632	633	804	804															
					EXISTING CONDUIT CLEANED, APP	CONDUIT: 2" RISER, AS PER PLAN	MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES	INTERCONNECT, MISC.: REMOVE EXISTING OVERHEAD INTERCONNECT	FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE	SPLICE ENCLOSURE: OVERHEAD, AS PER PLAN	FUSION SPLICE, AS PER PLAN *														
			FROM	TO	FT	EACH	FT	FT	FT	EACH															
KARL RD: STA 67+90 TO 95+50																									
582	IC-1	KARL RD	67+90, 44' RT	68+74, 39' RT	85				85																
582	IC-2	KARL RD	68+74, 39' RT			1			35																
582	IC-3	KARL RD	68+74, 39' RT	82+95, 25' RT			1422	1422	1422																
582	SE A-1	KARL RD	82+95, 25' RT						150	1	24														
582	IC-4	KARL RD	82+95, 25' RT	94+71, 25' RT			1175	1175	1175																
582	SE A-2	KARL RD	94+71, 25' RT						150	1	24														
582	IC-5	KARL RD	94+71, 25' RT	95+50, 25' RT			79	79	79																
582			OVERHEAD SAG				40		40																
KARL RD: STA 95+50 TO 117+50																									
583	IC-1	KARL RD	95+50, 25' RT	108+25, 27' RT			1275	1275	1275																
583	SE A-1	KARL RD	108+25, 27' RT						150	1	24														
583	IC-2	KARL RD	108+25, 27' RT	117+50, 27' RT			925	925	925																
583			OVERHEAD SAG				33		33																
KARL RD: STA 117+50 TO 139+00																									
584	IC-1	KARL RD	117+50, 27' RT	127+32, 38' RT			982	982	982																
584	SE A-1	KARL RD	127+32, 38' RT						150	1	24														
584	IC-2	KARL RD	127+32, 38' RT	138+49, 27' RT			1116	1116	1116																
584	SE A-2	KARL RD	138+49, 27' RT						150	1	24														
584	IC-3	KARL RD	138+49, 27' RT	139+00, 28' RT			52	52	52																
584			OVERHEAD SAG				32		32																
KARL RD: STA 139+00 TO 162+15																									
585	IC-1	KARL RD	139+00, 28' RT	157+40, 38' RT			1841	1841	1841																
585	SE A-1	KARL RD	157+40, 38' RT						150	1	24														
585	IC-2	KARL RD	157+40, 38' RT	162+15, 36' LT			550	550	550																
585			OVERHEAD SAG				36		36																
			SHEET TOTAL		85	1	9558	9417	10578	6	144	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

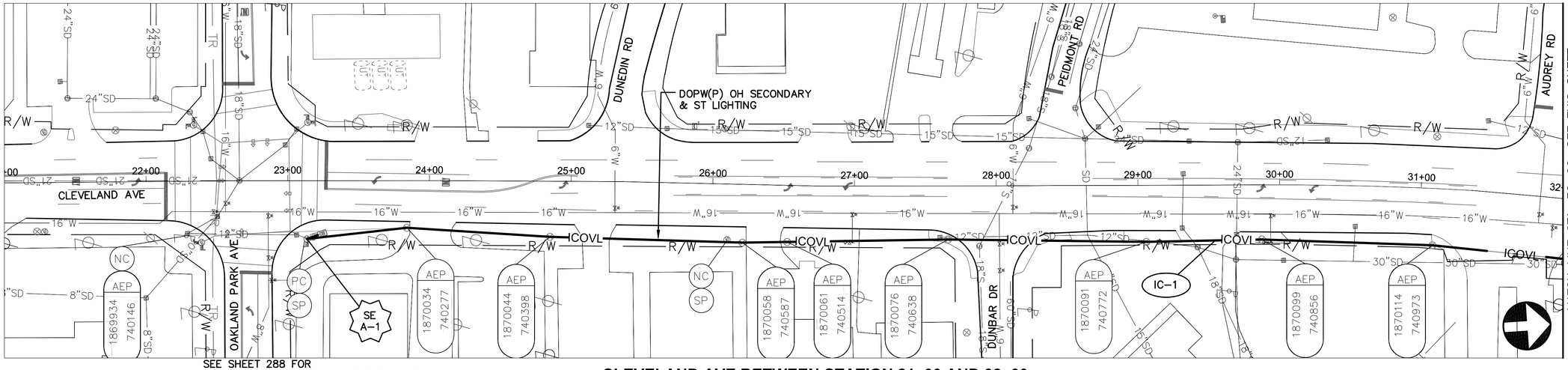
2762 DR. E

PID NUMBER 13034

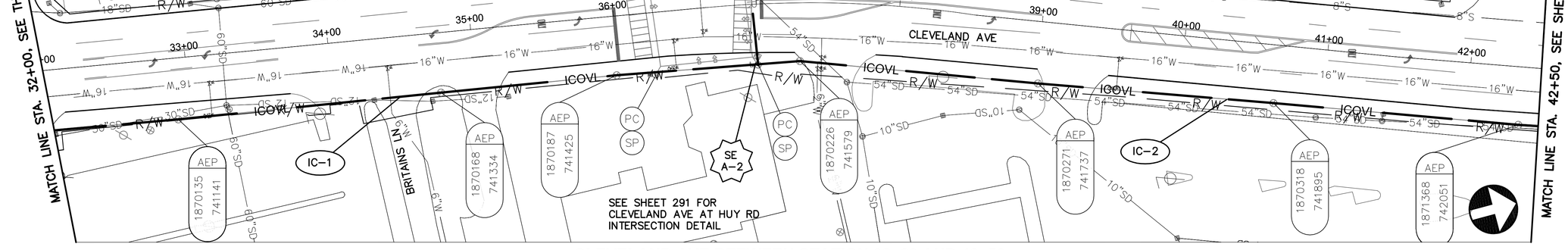
INTERCONNECT QUANTITIES
KARL RD BETWEEN STA. 67+90 AND 162+15

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

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CLEVELAND AVE BETWEEN STATION 21+00 AND 32+00



CLEVELAND AVE BETWEEN STATION 32+00 AND 42+50

NOTES:

1. SEE SHEET 600 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 754 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- SEWER
- WATER
- POWER
- LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

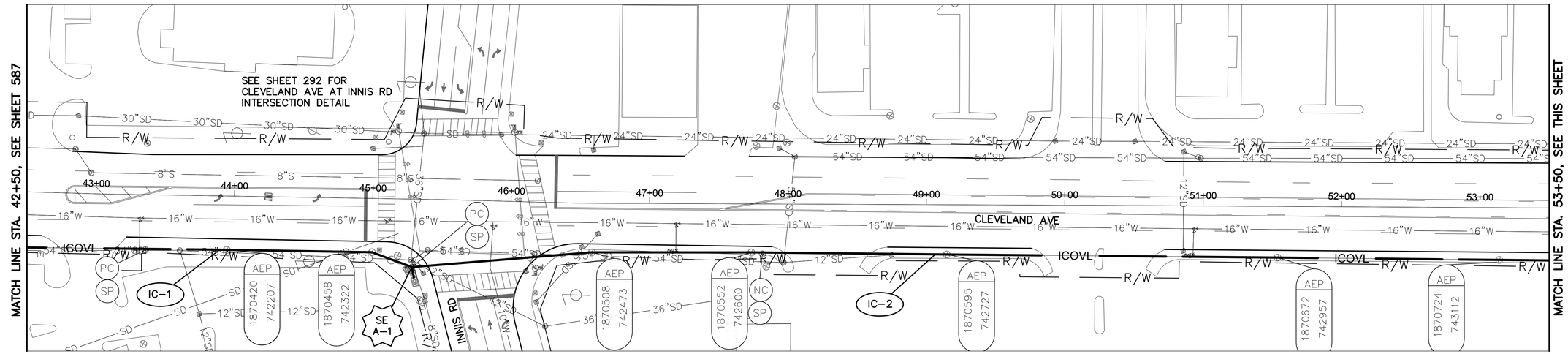
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INTERCONNECT PLAN
CLEVELAND AVE BETWEEN STA. 21+00 AND 42+50

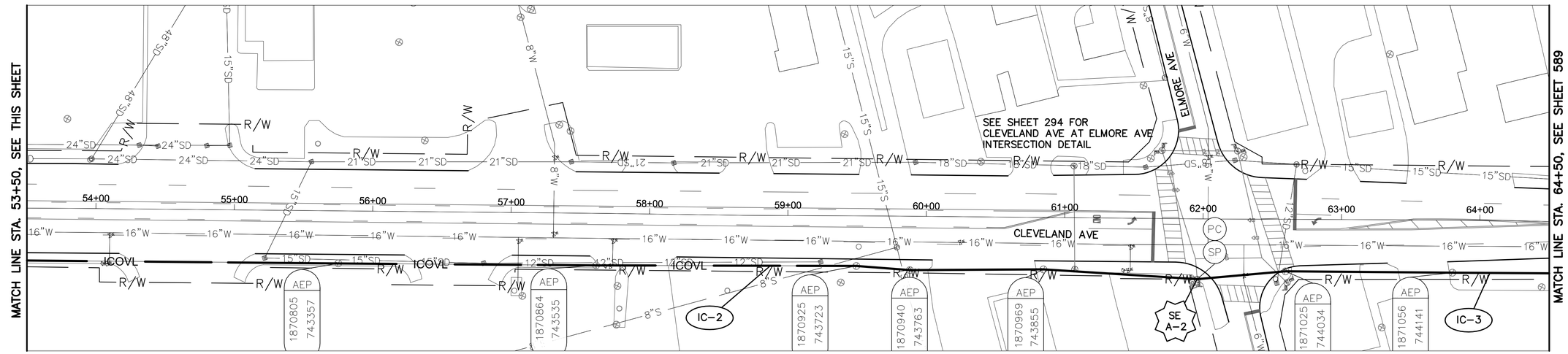
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

587
1107

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CLEVELAND AVE BETWEEN STATION 42+50 AND 53+50



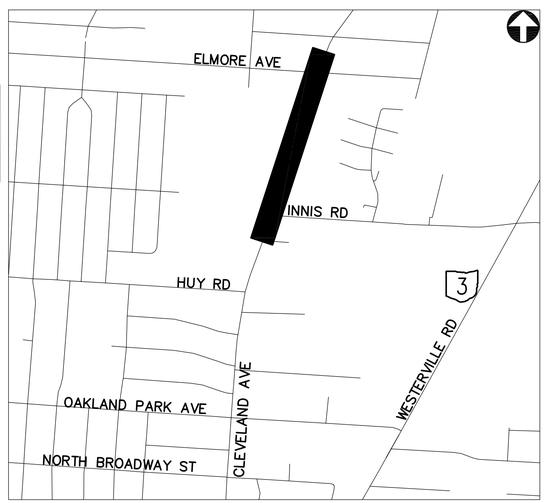
CLEVELAND AVE BETWEEN STATION 53+50 AND 64+50

NOTES:

1. SEE SHEET 600 FOR INTERCONNECT QUANTITIES.
2. SEE SHEETS 754 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
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CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

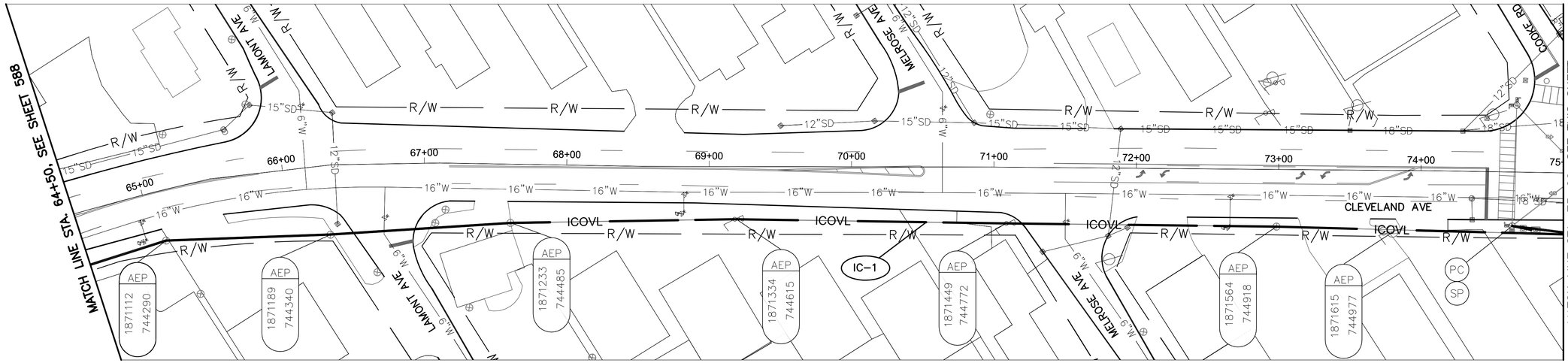
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INTERCONNECT PLAN
CLEVELAND AVE BETWEEN STA. 42+50 AND 64+50

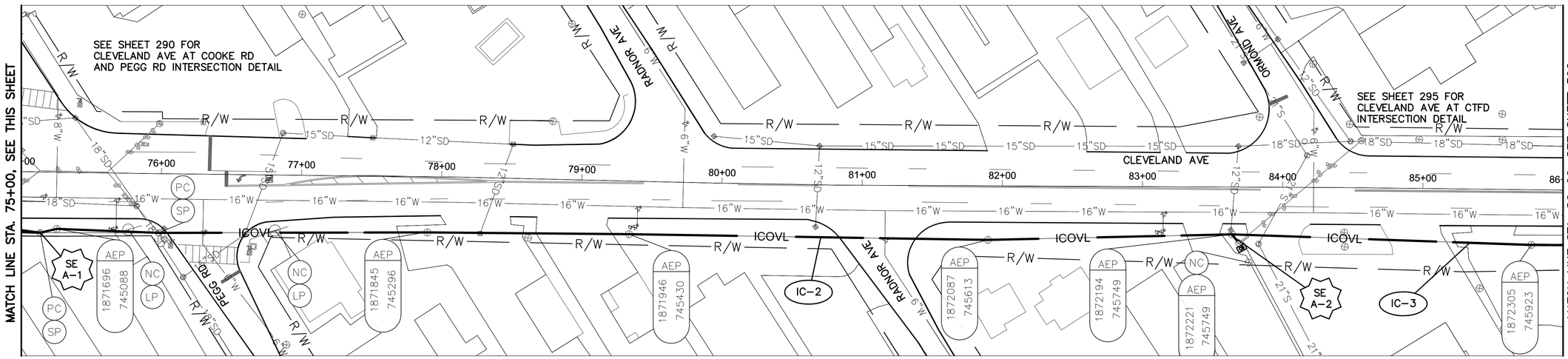
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

588
1107

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CLEVELAND AVE BETWEEN STATION 64+50 AND 75+00



CLEVELAND AVE BETWEEN STATION 75+00 AND 86+00

NOTES:

1. SEE SHEET 600 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 754 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☒ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

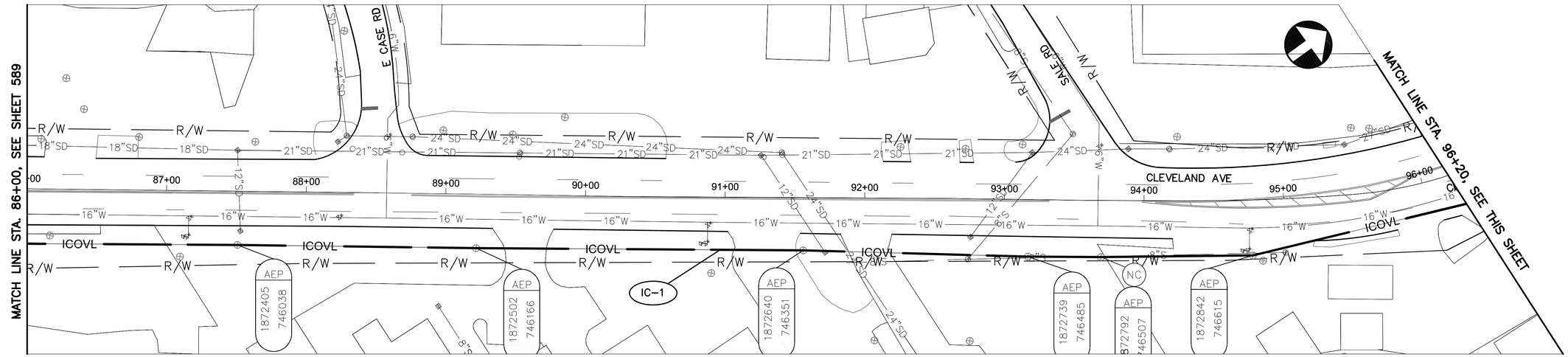
PID NUMBER 13034

INTERCONNECT PLAN
CLEVELAND AVE BETWEEN STA. 64+50 AND 86+00

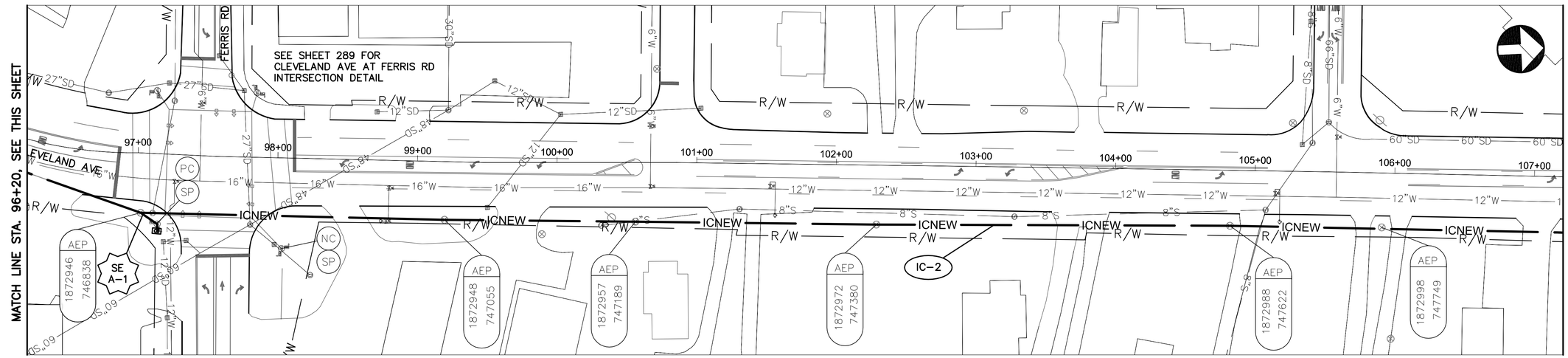
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

589
1107

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CLEVELAND AVE BETWEEN STATION 86+00 AND 96+20



CLEVELAND AVE BETWEEN STATION 96+20 AND 107+20

NOTES:

1. SEE SHEET 600 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 754 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☒ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

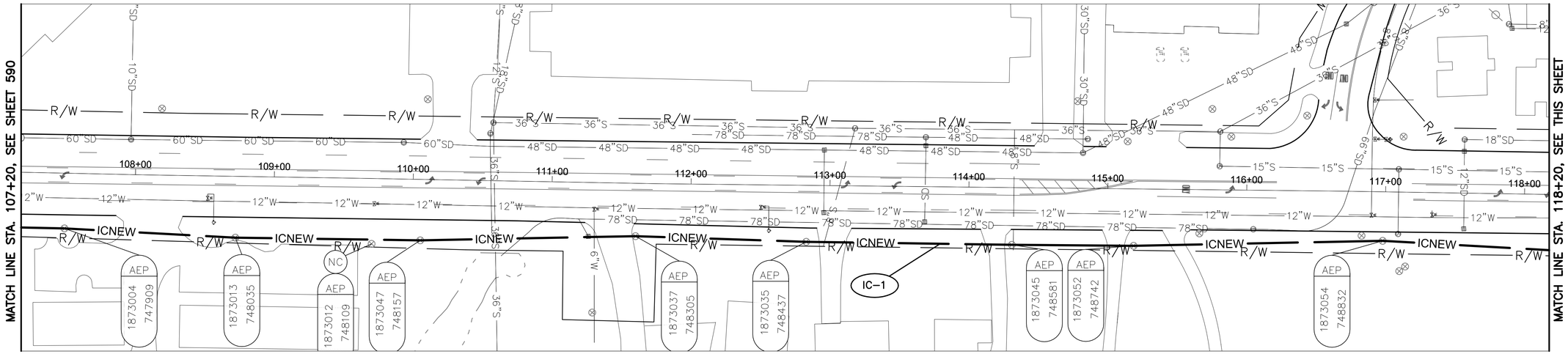
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INTERCONNECT PLAN
CLEVELAND AVE BETWEEN STA. 86+00 AND 107+20

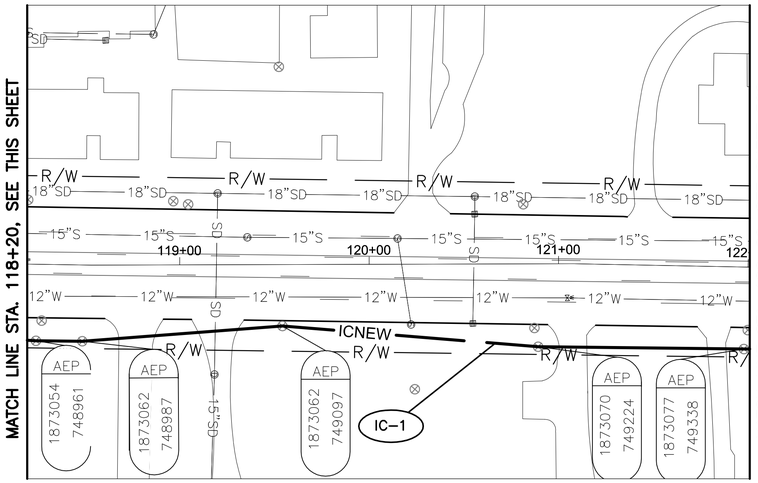
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

590
1107

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CLEVELAND AVE BETWEEN STATION 107+20 AND 118+20



CLEVELAND AVE BETWEEN STATION 118+20 AND 122+00

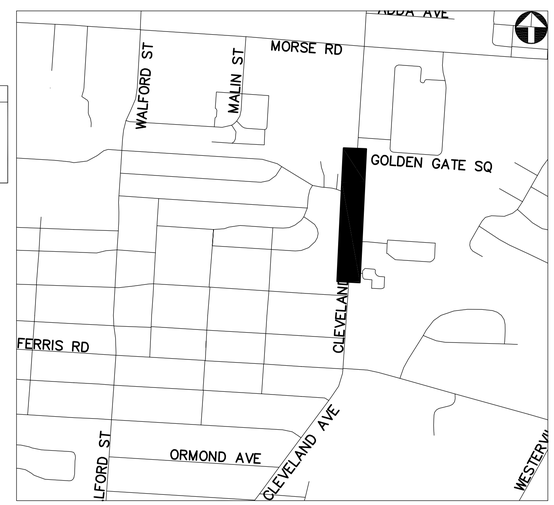
NOTES:

1. SEE SHEET 600 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 754 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
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CALL TOLL FREE 800-362-2764
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CITY OF COLUMBUS UTILITY LEGEND

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- ☐ WATER
- ☒ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

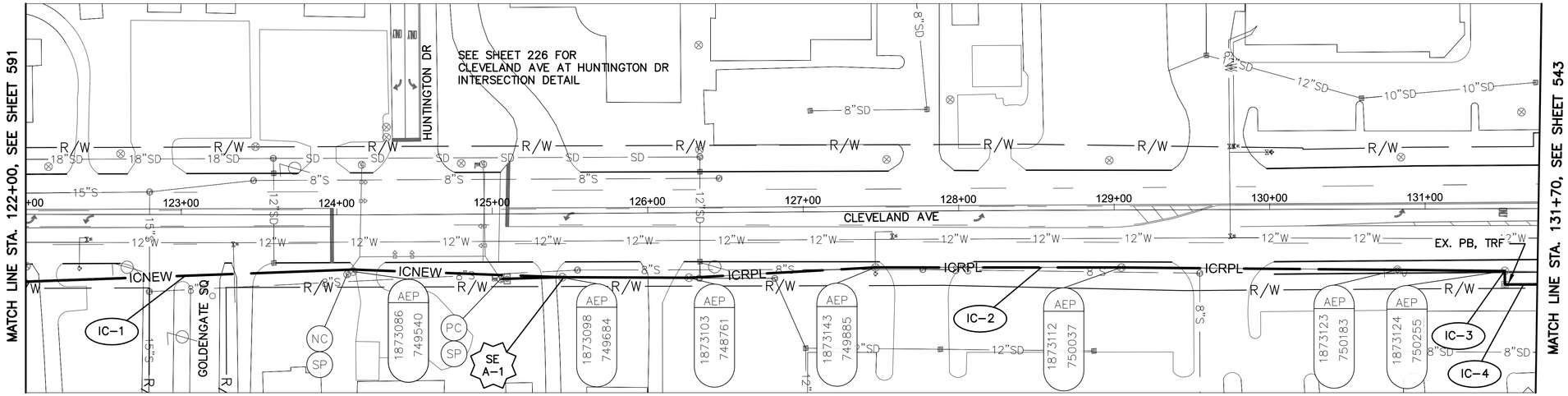
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INTERCONNECT PLAN
CLEVELAND AVE BETWEEN STA. 107+20 AND 122+00

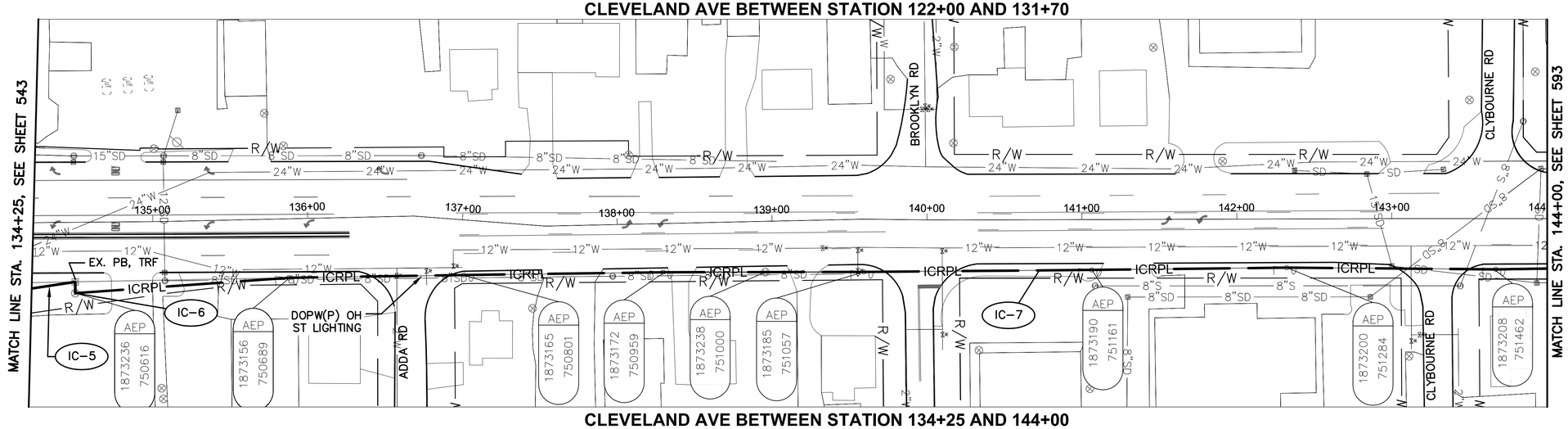
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

591
1107

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CLEVELAND AVE BETWEEN STATION 122+00 AND 131+70



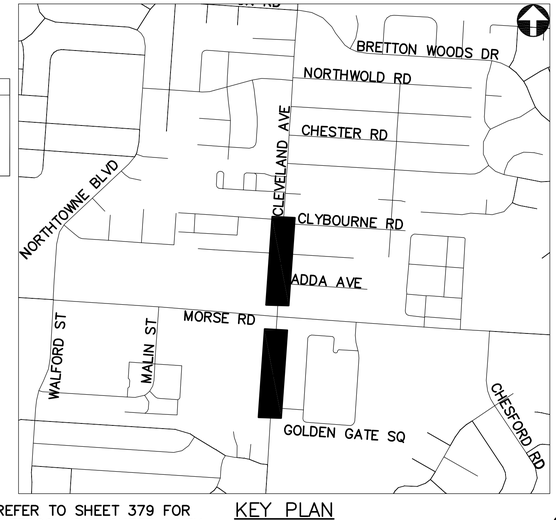
CLEVELAND AVE BETWEEN STATION 134+25 AND 144+00

NOTES:

1. SEE SHEET 600 FOR INTERCONNECT QUANTITIES.
2. SEE SHEETS 754 AND 739 FOR COMMUNICATION DETAILS.
3. SEE SHEET 225 FOR CLEVELAND AVE AND MORSE RD INTERSECTION DETAIL.
4. IC-1 WILL NOT ATTACH TO SP, 24 STRAND DROP CABLE WILL ATTACH TO SP.

UNDERGROUND UTILITIES
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- SEWER
- WATER
- POWER
- LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

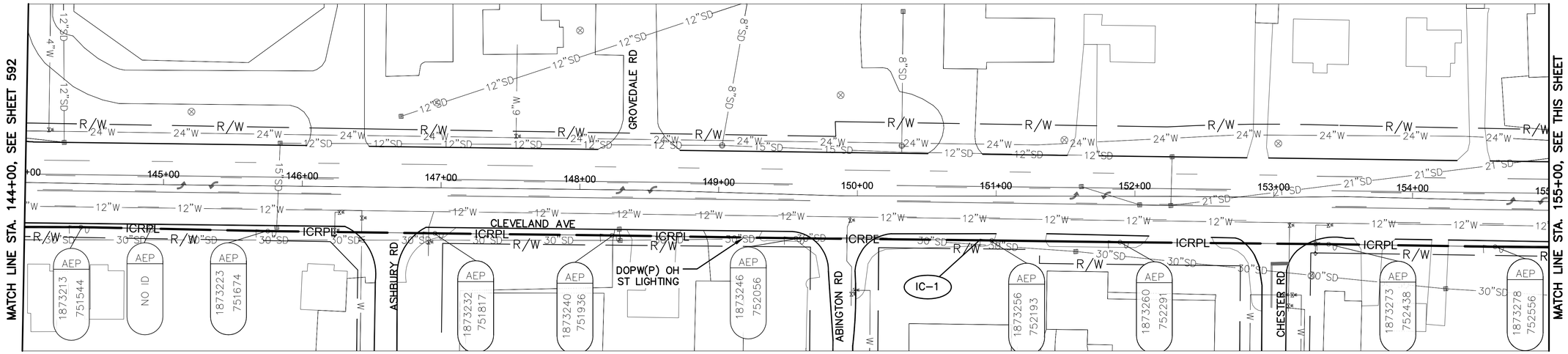
PID NUMBER 13034

INTERCONNECT PLAN - CLEVELAND AVE BETWEEN STA. 122+00 AND 131+70 AND BETWEEN STA. 134+25 AND 144+00

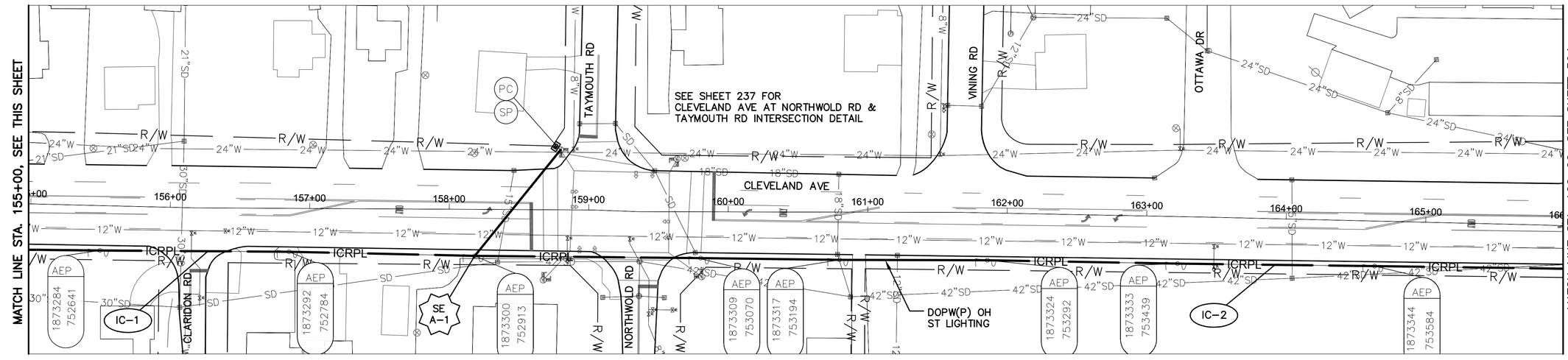
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

592
1107

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CLEVELAND AVE BETWEEN STATION 144+00 AND 155+00



CLEVELAND AVE BETWEEN STATION 155+00 AND 166+00

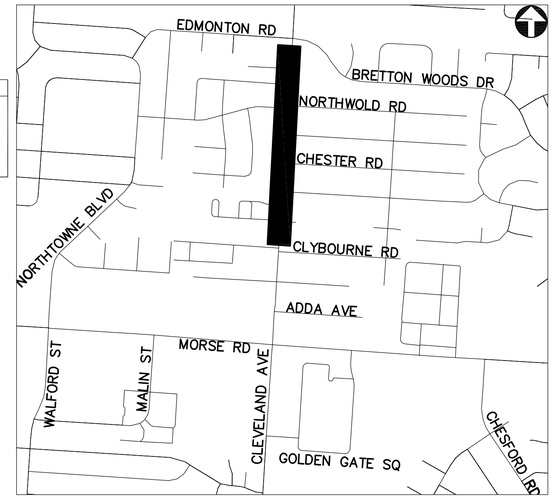
NOTES:

1. SEE SHEET 600 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 755 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
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CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☒ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

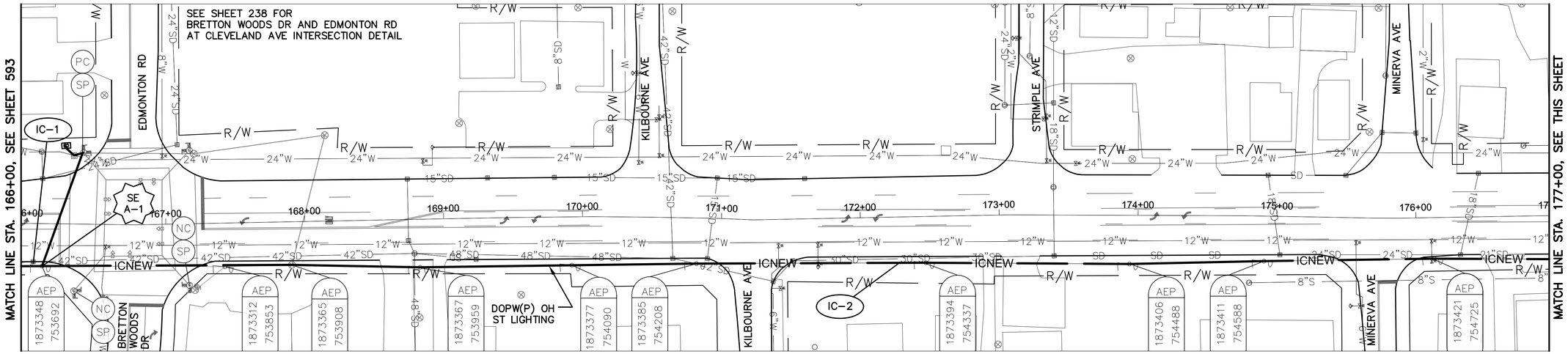
PID NUMBER 13034

INTERCONNECT PLAN
CLEVELAND AVE BETWEEN STA. 144+00 AND 166+00

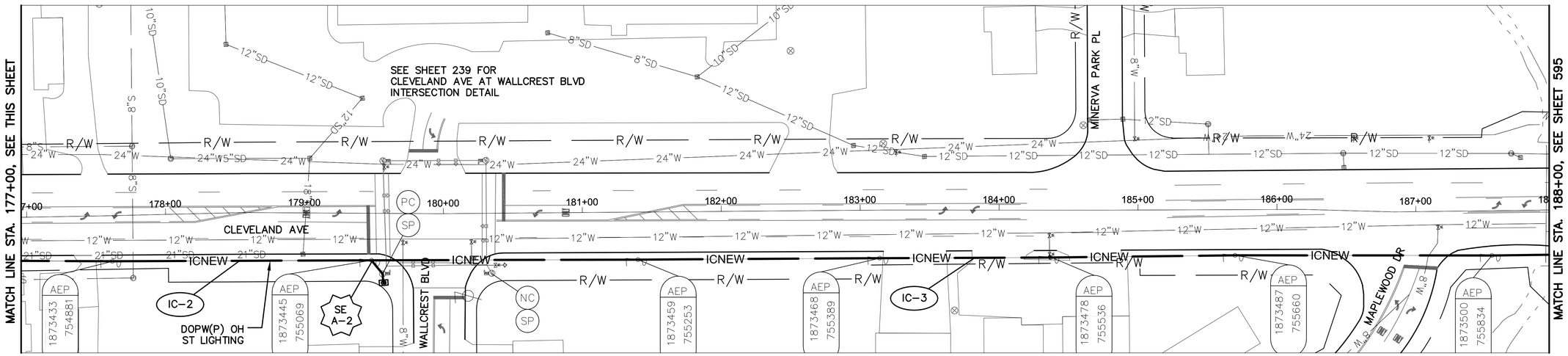
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

593
1107

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CLEVELAND AVE BETWEEN STATION 166+00 AND 177+00



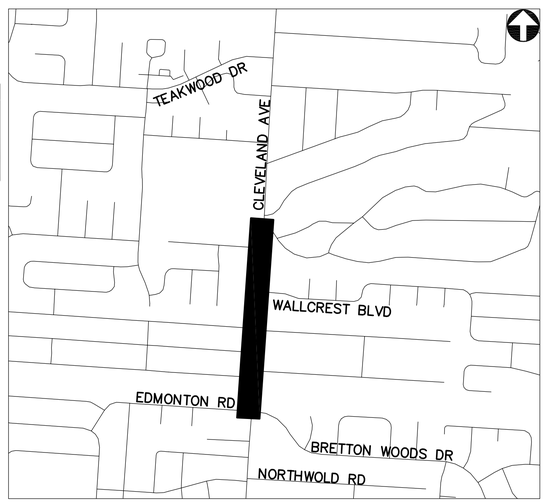
CLEVELAND AVE BETWEEN STATION 177+00 AND 188+00

NOTES:

1. SEE SHEET 601 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 755 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
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- ☐ WATER
- ☐ POWER
- ☒ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

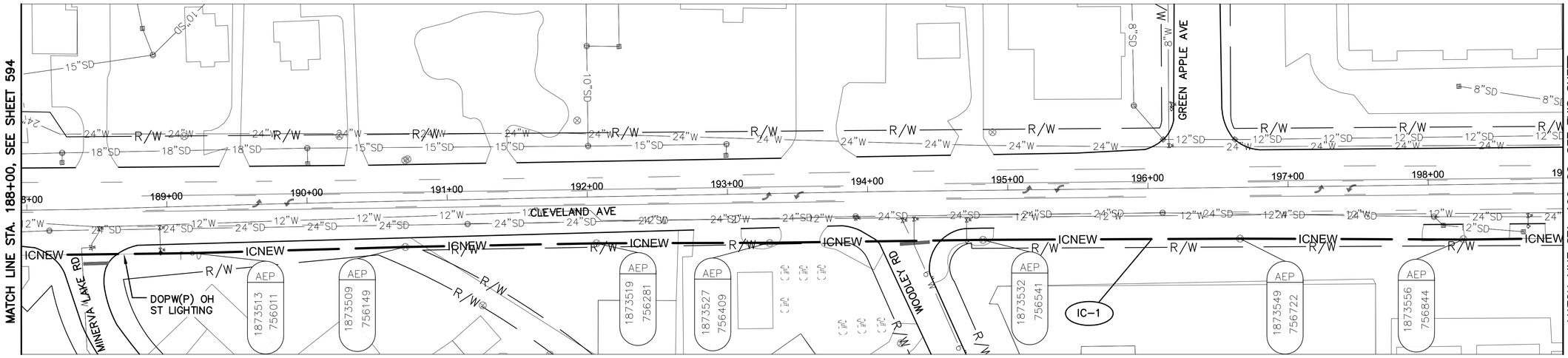
PID NUMBER 13034

INTERCONNECT PLAN
CLEVELAND AVE BETWEEN STA. 166+00 AND 188+00

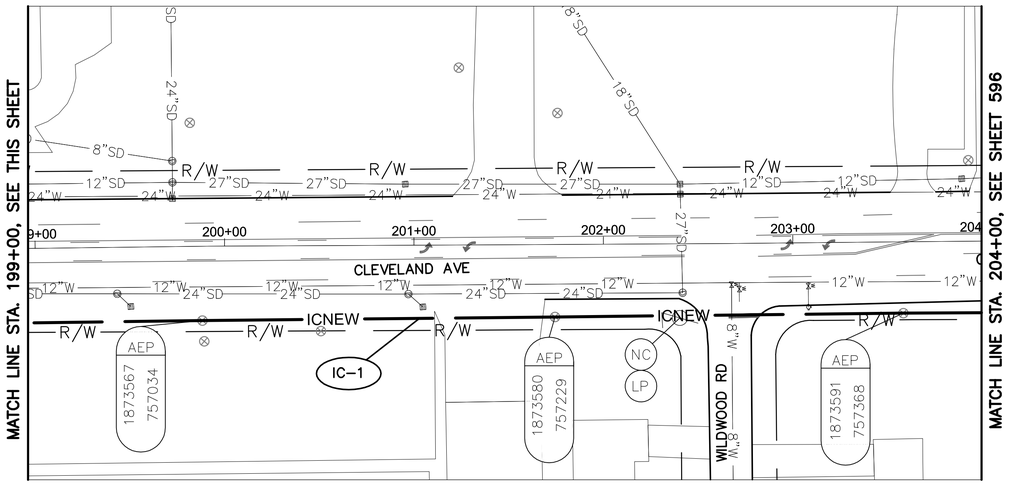
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

594
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_42_Cleveland_Corridor.dwg – C-6 layout ~ last saved by: COL sdlowry 06/26/2015 12:03pm ~ printed 07/01/2015 12:10pm



CLEVELAND AVE BETWEEN STATION 188+00 AND 199+00



CLEVELAND AVE BETWEEN STATION 199+00 AND 204+00

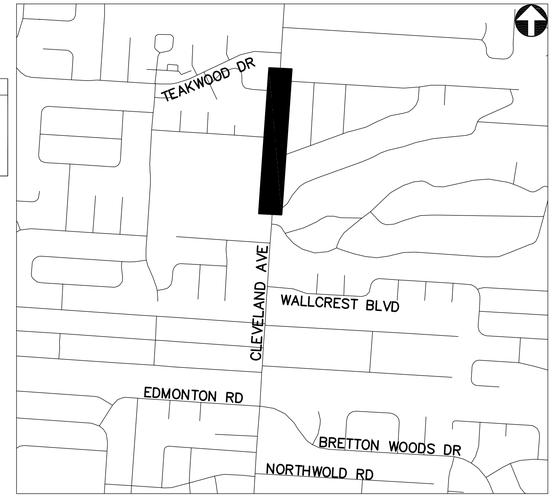
NOTES:

1. SEE SHEET 601 FOR INTERCONNECT QUANTITIES.

2. SEE SHEET 755 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☒ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

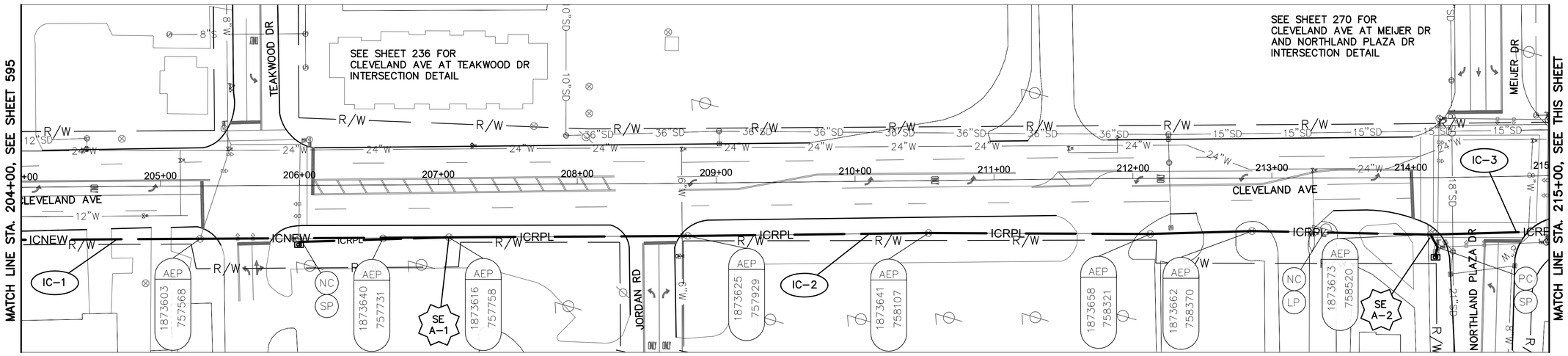
PID NUMBER 13034

INTERCONNECT PLAN
CLEVELAND AVE BETWEEN STA. 188+00 AND 204+00

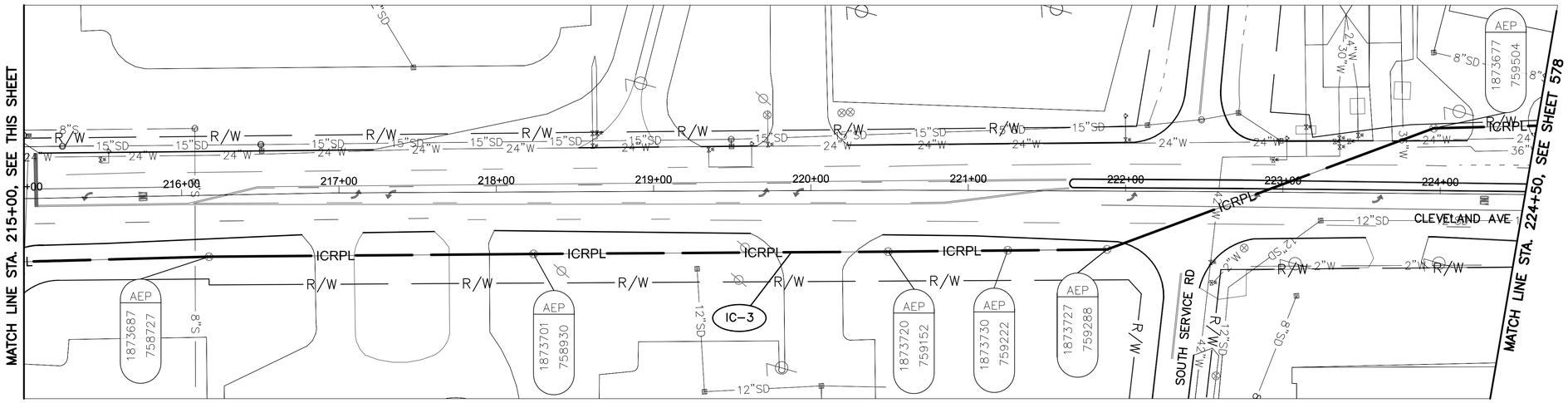
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

595
1107

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CLEVELAND AVE BETWEEN STATION 204+00 AND 215+00



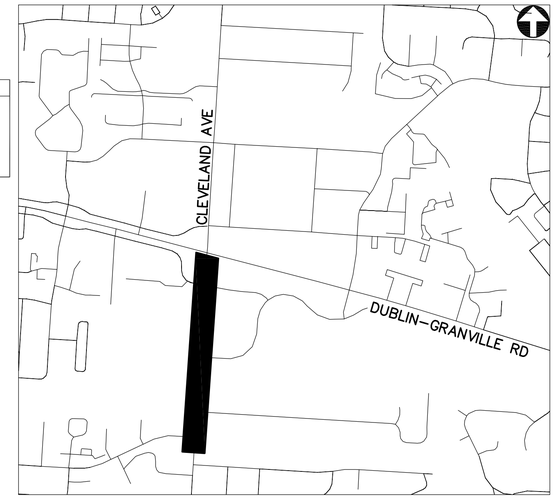
CLEVELAND AVE BETWEEN STATION 215+00 AND 224+50

NOTES:

1. SEE SHEET 601 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 755 FOR COMMUNICATION DETAILS.
3. SEE SHEET 250 FOR CLEVELAND AVE AT DUBLIN–GRANVILLE RD INTERSECTION DETAIL.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800–362–2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

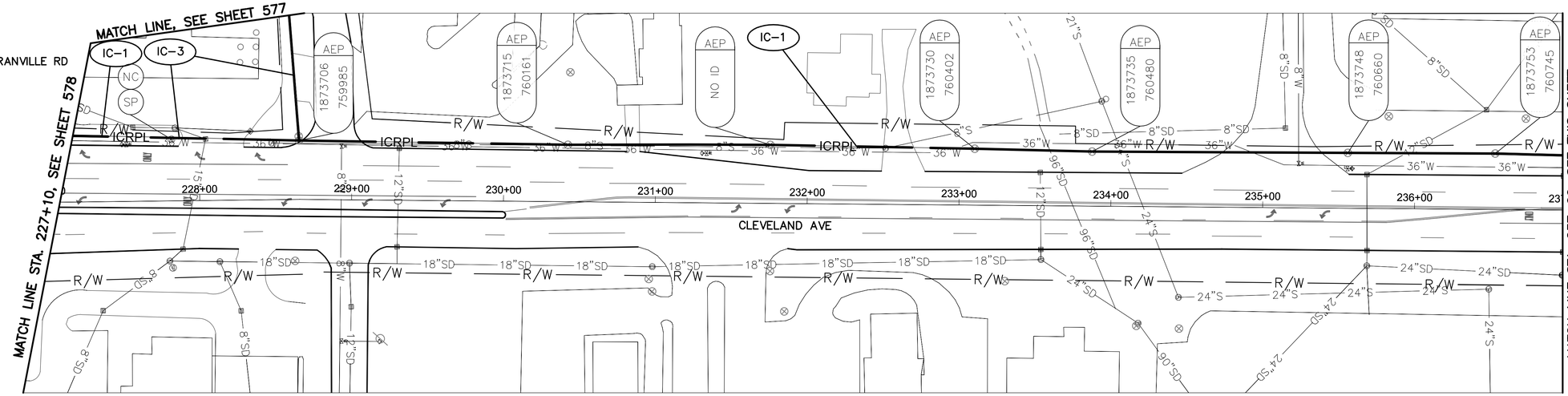
INTERCONNECT PLAN
CLEVELAND AVE BETWEEN STA. 204+00 AND 224+50

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

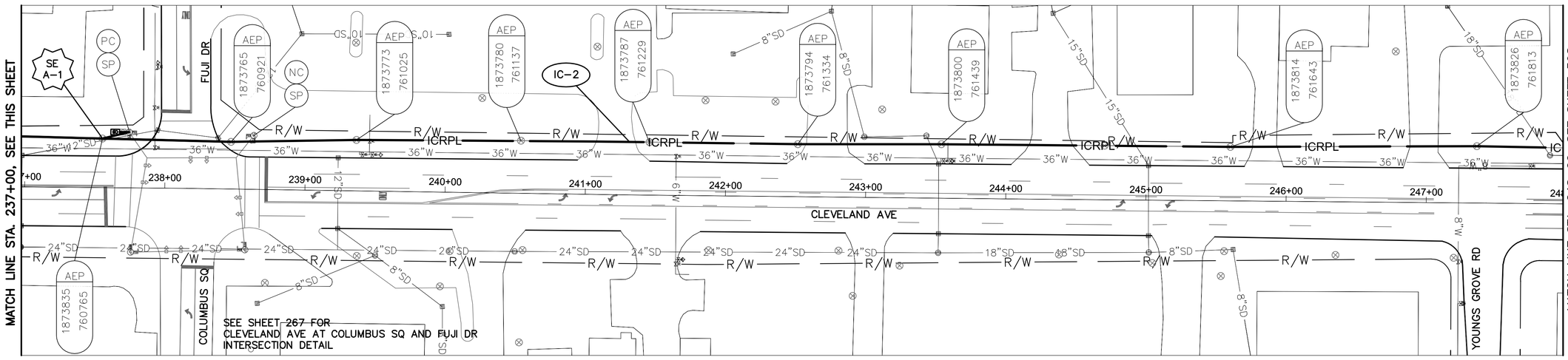
596
1107

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SEE SHEET 250 FOR
CLEVELAND AVE AT DUBLIN–GRANVILLE RD
INTERSECTION DETAIL



CLEVELAND AVE BETWEEN STATION 227+10 AND 237+00



CLEVELAND AVE BETWEEN STATION 237+00 AND 248+00

NOTES:

1. SEE SHEET 601 FOR INTERCONNECT QUANTITIES.

2. SEE SHEET 755 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800–362–2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS
UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR
INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

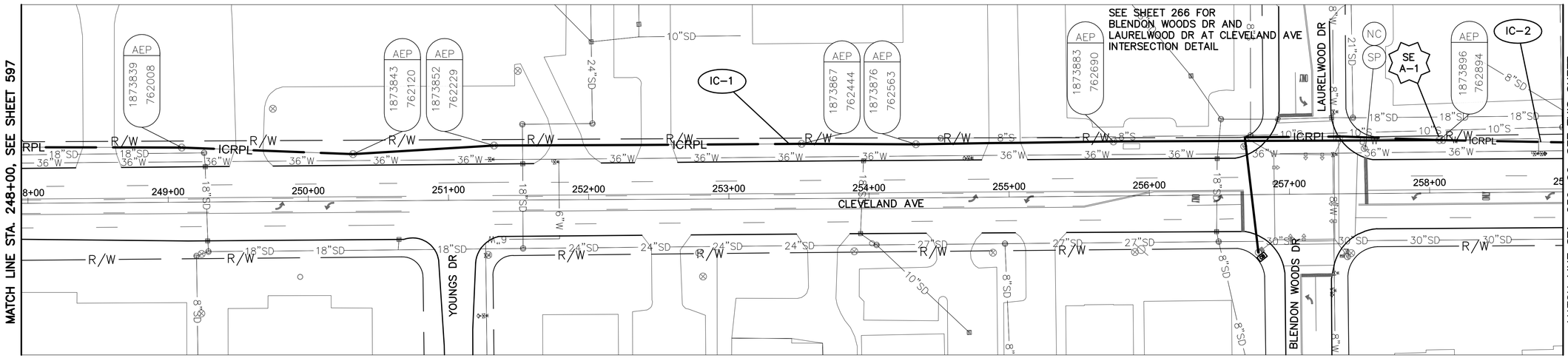
PID NUMBER
13034

INTERCONNECT PLAN
CLEVELAND AVE BETWEEN STA. 227+10 AND 248+00

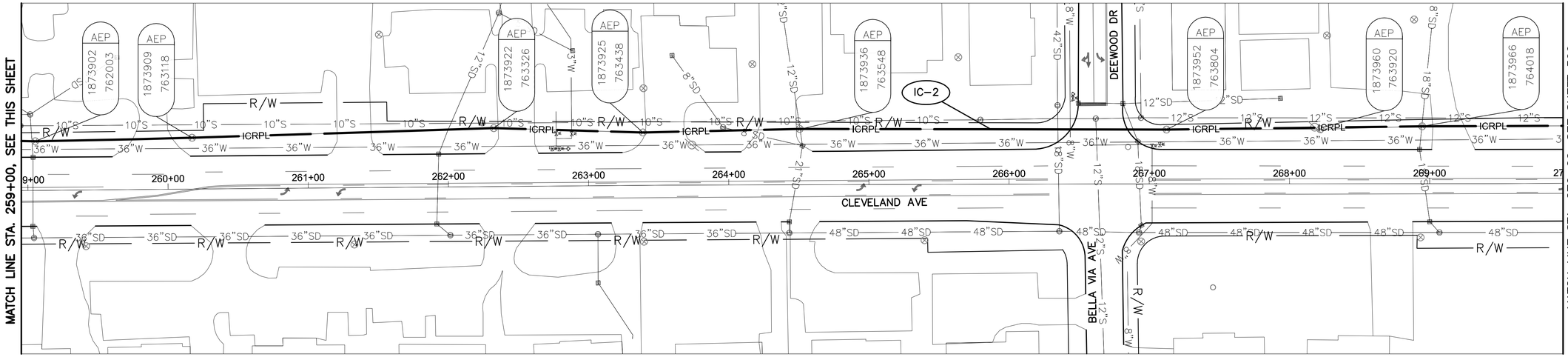
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

597
1107

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CLEVELAND AVE BETWEEN STATION 248+00 AND 259+00



CLEVELAND AVE BETWEEN STATION 259+00 AND 270+00

NOTES:

1. SEE SHEET 601 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 756 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

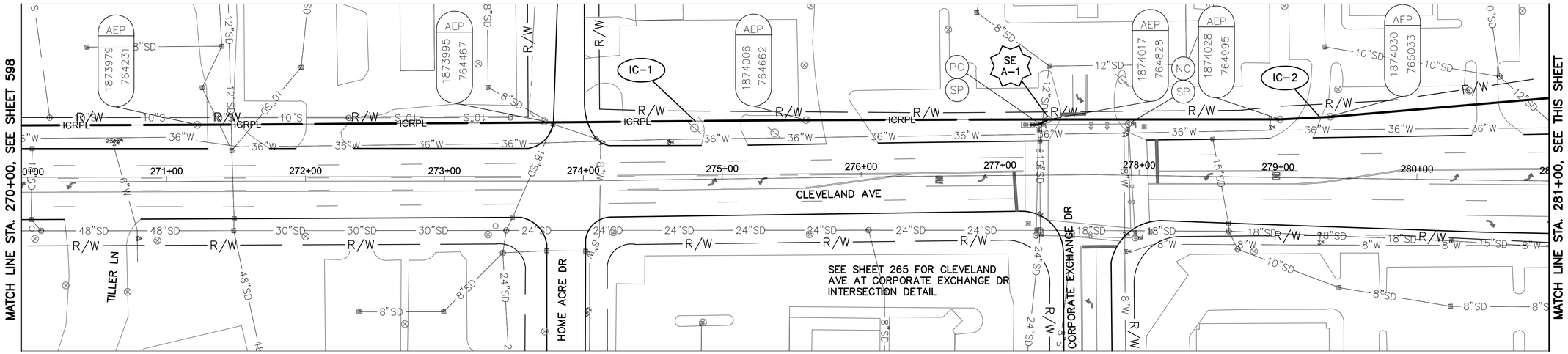
PID NUMBER 13034

INTERCONNECT PLAN
CLEVELAND AVE BETWEEN STA. 248+00 AND 270+00

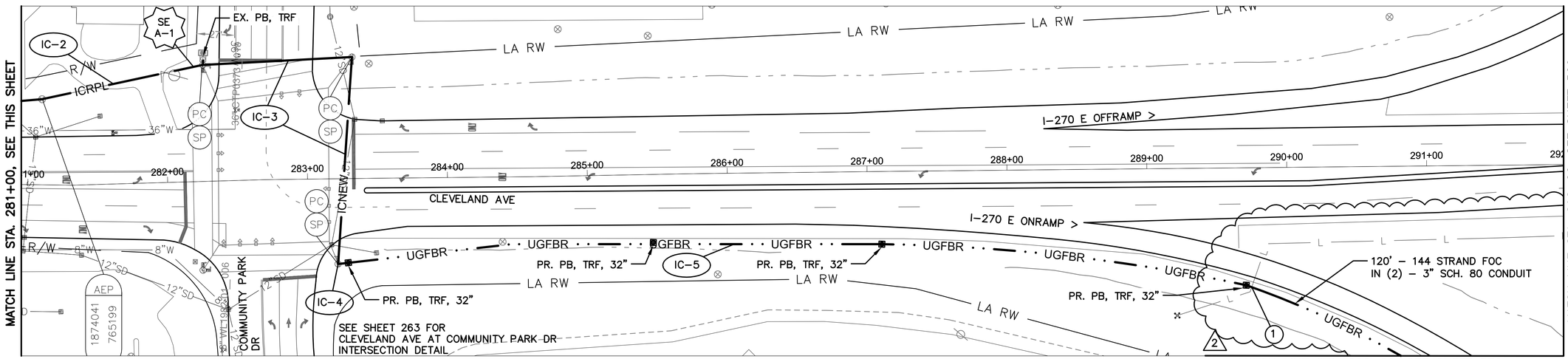
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

598
1107

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CLEVELAND AVE BETWEEN STATION 270+00 AND 281+00



CLEVELAND AVE BETWEEN STATION 281+00 AND 292+00

NOTES:

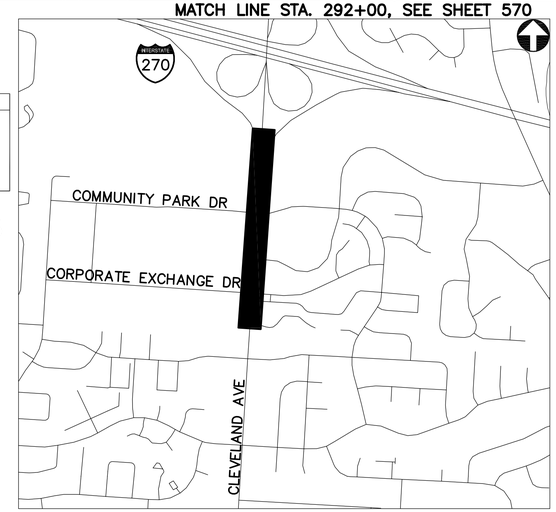
1. SEE SHEET 601 FOR INTERCONNECT QUANTITIES.
2. SEE SHEETS 756 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 16.

CITY OF COLUMBUS UTILITY LEGEND

- ☒ SEWER
- ☒ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

INTERCONNECT PLAN
CLEVELAND AVE BETWEEN STA. 270+00 AND 292+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

599
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION		202	632	632	633	633	804	804															
					EXISTING CONDUIT CLEANED, APP	CONDUIT: 2" RISER, AS PER PLAN	MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES	INTERCONNECT, MISC.: OVERLASH TO EXISTING INTERCONNECT	INTERCONNECT, MISC.: REMOVE EXISTING OVERHEAD INTERCONNECT	FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE	SPLICE ENCLOSURE: OVERHEAD, AS PER PLAN	FUSION SPLICE, AS PER PLAN *													
			FROM	TO	FT	EACH	FT	FT	FT	FT	EACH															
CLEVELAND AVE: STA 21+00 TO 42+50																										
587	SE A-1	CLEVELAND AVE	23+14, 41' RT							75	1	12														
587	IC-1	CLEVELAND AVE	23+14, 41' RT	36+99, 43' RT				1378		1378																
587	SE A-2	CLEVELAND AVE	36+99, 43' RT							150	1	24														
587	IC-2	CLEVELAND AVE	36+99, 43' RT	42+50, 40' RT				551		551																
587			OVERHEAD SAG							29																
CLEVELAND AVE: STA 42+50 TO 64+50																										
588	IC-1	CLEVELAND AVE	42+50, 40' RT	45+29, 49' RT				280		280																
588	SE A-1	CLEVELAND AVE	45+29, 49' RT							150	1	24														
588	IC-2	CLEVELAND AVE	45+29, 49' RT	61+89, 39' RT				1668		1668																
588	SE A-2	CLEVELAND AVE	61+89, 39' RT							150	1	24														
588	IC-3	CLEVELAND AVE	61+89, 39' RT	64+50, 38' RT				254		254																
588			OVERHEAD SAG							33																
CLEVELAND AVE: STA 64+50 TO 86+00																										
589	IC-1	CLEVELAND AVE	64+50, 38' RT	75+14, 43' RT				1064		1064																
589	SE A-1	CLEVELAND AVE	75+14, 43' RT							150	1	24														
589	IC-2	CLEVELAND AVE	75+14, 43' RT	83+64, 35' RT				851		851																
589	SE A-2	CLEVELAND AVE	83+64, 35' RT							150	1	24														
589	IC-3	CLEVELAND AVE	83+64, 35' RT	86+00, 39' RT				236		236																
589			OVERHEAD SAG					32		32																
CLEVELAND AVE: STA 86+00 TO 107+20																										
590	IC-1	CLEVELAND AVE	86+00, 39' RT	97+04, 43' RT				1121		1121																
590	SE A-1	CLEVELAND AVE	97+04, 43' RT							150	1	24														
590	IC-2	CLEVELAND AVE	97+04, 43' RT	107+20, 40' RT			1019			1019																
590			OVERHEAD SAG				15	17		32																
CLEVELAND AVE: STA 107+20 TO 122+00																										
591	IC-1	CLEVELAND AVE	107+20, 40' RT	122+00, 43' RT			1482			1482																
591			OVERHEAD SAG				22			22																
CLEVELAND AVE: STA 122+00 TO 131+70/STA 134+25 TO 144+00																										
592	IC-1	CLEVELAND AVE	122+00, 43' RT	125+45, 42' RT			345			345																
592	SE A-1	CLEVELAND AVE	125+45, 42' RT							150	1	24														
592	IC-2	CLEVELAND AVE	125+45, 42' RT	131+51, 41' RT			606		606	606																
592	IC-3	CLEVELAND AVE	131+51, 41' RT			1				35																
592	IC-4	CLEVELAND AVE	131+51, 41' RT	131+70, 49' RT	29					29																
592	IC-5	CLEVELAND AVE	134+25, 42' RT	134+50, 46' RT	35					35																
592	IC-6	CLEVELAND AVE	134+50, 46' RT			1				35																
592	IC-7	CLEVELAND AVE	134+50, 46' RT	144+00, 32' RT			950		950	950																
592			PULL BOX SLACK							20																
592			OVERHEAD SAG				29			29																
CLEVELAND AVE: STA 144+00 TO 166+00																										
593	IC-1	CLEVELAND AVE	144+00, 32' RT	158+19, 33' RT			1420		1420	1420																
593	SE A-1	CLEVELAND AVE	158+19, 33' RT							150	1	24														
593	IC-2	CLEVELAND AVE	158+19, 33' RT	166+00, 31' RT			780		780	780																
593			OVERHEAD SAG				33			33																
			SHEET TOTAL		64	2	6701	7452	3756	15644	9	204	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

2762 DR. E

PID NUMBER 13034

INTERCONNECT QUANTITIES
CLEVELAND AVE BETWEEN STA. 21+00 AND 166+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

600
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION		625 CONDUIT, 3", 725.05, AS PER PLAN (FT)	625 CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, 725.05, 3", AS PER PLAN (FT)	625 PULL BOX, MISC.: CONCRETE, 32" (EACH)	625 TRENCH, 36" DEEP, AS PER PLAN (FT)	632 CONDUIT: 2" RISER, AS PER PLAN (EACH)	632 MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES (FT)	633 INTERCONNECT, MISC.: REMOVE EXISTING OVERHEAD INTERCONNECT (FT)	804 FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE (FT)	804 SPLICE ENCLOSURE: OVERHEAD, AS PER PLAN (EACH)	804 SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN (EACH)	FUSION SPLICE, AS PER PLAN *										
			FROM	TO																					
CLEVELAND AVE: STA 166+00 TO 188+00																									
594	IC-1	CLEVELAND AVE	166+00, 31' RT	166+11, 31' RT						15	15	15													
594	SE A-1	CLEVELAND AVE	166+11, 31' RT									150	1		24										
594	IC-2	CLEVELAND AVE	166+11, 31' RT	179+48, 34' RT						1337		1337													
594	SE A-2	CLEVELAND AVE	179+48, 34' RT									150	1		24										
594	IC-3	CLEVELAND AVE	179+48, 34' RT	188+00, 32' RT						852		852													
594			OVERHEAD SAG							33		33													
CLEVELAND AVE: STA 188+00 TO 204+00																									
595	IC-1	CLEVELAND AVE	188+00, 32' RT	204+00, 38' RT						1604		1604													
595			OVERHEAD SAG							24		24													
CLEVELAND AVE: STA 204+00 TO 224+50																									
596	IC-1	CLEVELAND AVE	204+00, 38' RT	207+05, 38' RT						305		305													
596	SE A-1	CLEVELAND AVE	207+05, 38' RT									150	1		24										
596	IC-2	CLEVELAND AVE	207+05, 38' RT	214+14, 41' RT						709	709	709													
596	SE A-2	CLEVELAND AVE	214+14, 41' RT									150	1		24										
596	IC-3	CLEVELAND AVE	214+14, 41' RT	224+50, 43' LT						1061	1061	1062													
596			OVERHEAD SAG							31		31													
CLEVELAND AVE: STA 227+10 TO 248+00																									
597	IC-1	CLEVELAND AVE	227+17, 44' LT	237+55, 35' RT						1045	1045	1045													
597	SE A-1	CLEVELAND AVE	237+55, 35' RT									150	1		24										
597	IC-2	CLEVELAND AVE	237+55, 35' RT	248+00, 40' LT						1045	1045	1045													
597	IC-3	CLEVELAND AVE	227+16, 37' LT	228+60, 123' LT						144	84	228													
597			OVERHEAD SAG							34		35													
CLEVELAND AVE: STA 248+00 TO 270+00																									
598	IC-1	CLEVELAND AVE	248+00, 40' LT	258+07, 38' LT						1013	1013	1013													
598	SE A-1	CLEVELAND AVE	258+07, 38' LT									150	1		24										
598	IC-2	CLEVELAND AVE	258+07, 38' LT	270+00, 41' LT						1188	1188	1188													
598			OVERHEAD SAG							33		33													
CLEVELAND AVE: STA 270+00 TO 292+00																									
599	IC-1	CLEVELAND AVE	270+00, 41' LT	277+35, 40' LT						738	738	738													
599	SE A-1	CLEVELAND AVE	277+35, 40' LT									150	1		24										
599	IC-2	CLEVELAND AVE	277+35, 40' LT	282+28, 83' RT						493	493	493													
599	IC-3	CLEVELAND AVE	282+28, 83' LT		5			5	1			40													
599	IC-4	CLEVELAND AVE	282+28, 83' LT	282+28, 88' LT								5													
599	SE U-1	CLEVELAND AVE	282+28, 88' LT									150		1	24										
599	IC-5	CLEVELAND AVE	282+28, 88' LT	282+21, 74' LT	30		1	15				15													
599	IC-6	CLEVELAND AVE	282+21, 74' LT	283+17, 75' LT		194	1					97													
599	IC-7	CLEVELAND AVE	283+17, 75' LT	283+27, 45' RT		240	1					120													
599	IC-8	CLEVELAND AVE	283+27, 45' RT	289+70, 84' RT	1290		3	645				645													
599	IC-9	CLEVELAND AVE	289+70, 84' RT	289+83, 51' RT		70	1					35													
599	IC-10	CLEVELAND AVE	289+83, 51' RT	291+97, 47' RT	428			214				214													
599			PULL BOX SLACK									70													
599			OVERHEAD SAG							18		18													
			SHEET TOTAL		1753	504	7	879	1	11722	7391	14249	7	1	192	-	-	-	-	-	-	-	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

2762 DR. E

PID NUMBER 13034

INTERCONNECT QUANTITIES – CLEVELAND AVE
BETWEEN STA. 166+00 AND 224+50 & 227+10 AND 292+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

601
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION FROM	STATION TO	625 CONDUIT, 2", 725.05, AS PER PLAN (FT)	625 CONDUIT, 3", 725.05, AS PER PLAN (FT)	625 CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, 725.05, 3", AS PER PLAN (FT)	625 NO. 2 AWG 600 VOLT DISTRIBUTION CABLE (FT)	625 POWER SERVICE, AS PER PLAN (EACH)	625 PULL BOX, 18", AS PER PLAN (EACH)	625 PULL BOX, MISC.: CONCRETE, 48" (EACH)	625 TRENCH, 36" DEEP, AS PER PLAN (FT)	633 CONTROLLER ITEM, MISC.: COMMUNICATIONS NODE (EACH)	633 CONTROLLER ITEM, MISC.: FIBER OPTIC ETHERNET TRANSCEIVER (EACH)	633 CONTROLLER ITEM, MISC.: LAYER 3 ETHERNET SWITCH (EACH)	804 FIBER OPTIC CABLE, MISC.: 24 COUNT PRE-TERMINATED PATCH PANEL ASSEMBLY (EACH)	804 FIBER OPTIC CABLE, MISC.: 24 STRAND CABLE (FT)	804 FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 24 TERMINATION (EACH)							
I-270: STA 1250+00 TO 1264+00																									
603	EC-1	I-270	1257+43, 993' RT						1	1															
603	EC-2	I-270	1257+43, 993' RT	1257+28, 879' RT			122	366		1															
603	EC-3	I-270	1257+28, 879' RT	1257+65, 434' RT	446			1338		1		446													
603	EC-4	I-270	1257+65, 434' RT	1257+89, 418' RT			30	90		1															
603	EC-5	I-270	1257+89, 418' RT	1258+02, 131' RT	288			894		1		288													
603	CN-1	I-270	1258+02, 131' RT										1	2	1	1		1							
603	IC-1	I-270	1258+02, 131' RT	1258+19, 131' RT		30						15					40								
603	IC-2	I-270	1258+19, 131' RT								1						225								
			PULL BOX SLACK					75																	
			SHEET TOTAL		734	30	152	2763	1	5	1	749	1	2	1	1	265	1	-	-	-	-	-	-	-

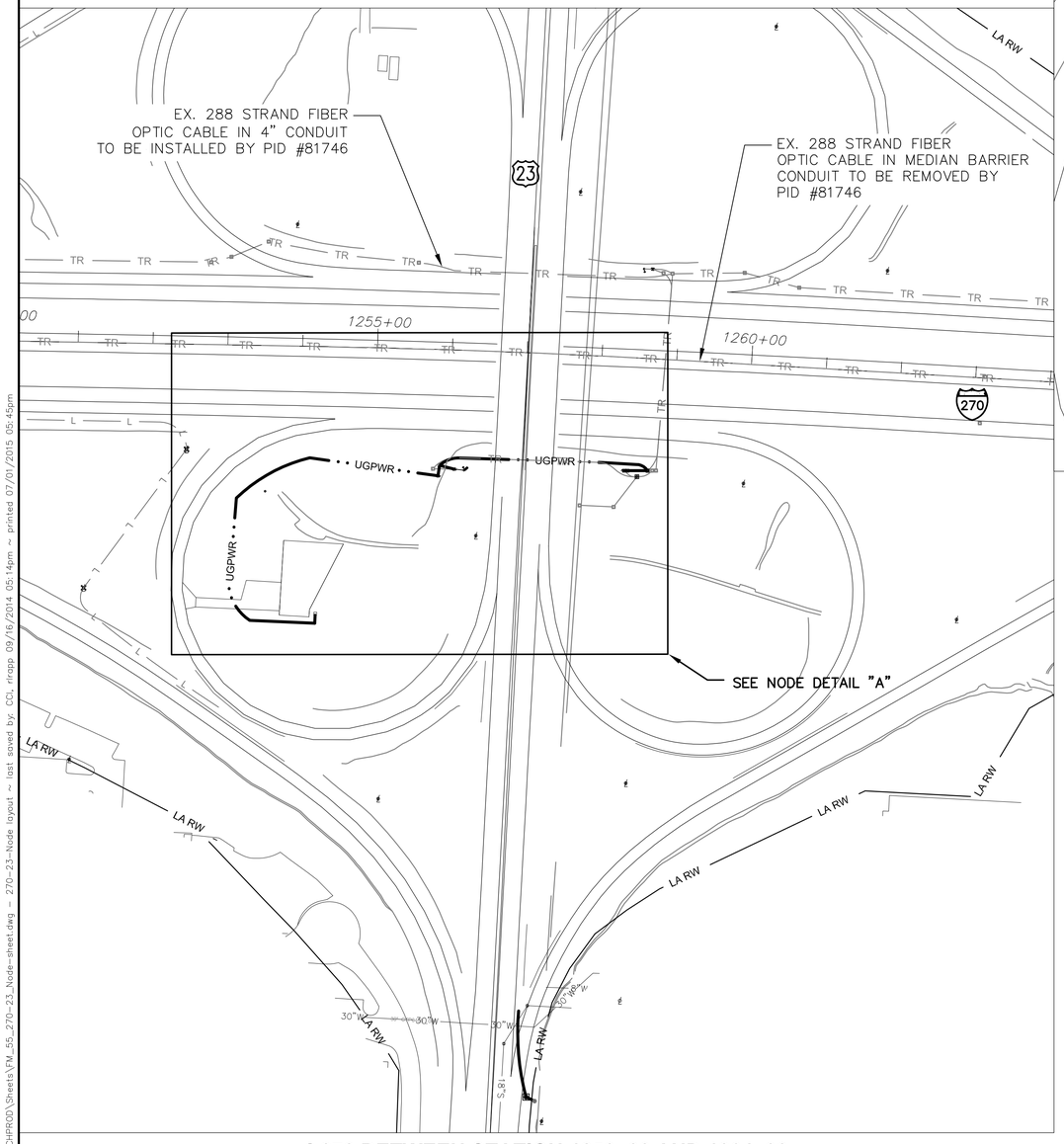
PID NUMBER
13034

INTERCONNECT QUANTITIES
I–270 BETWEEN STA. 1250+00 AND 1264+00

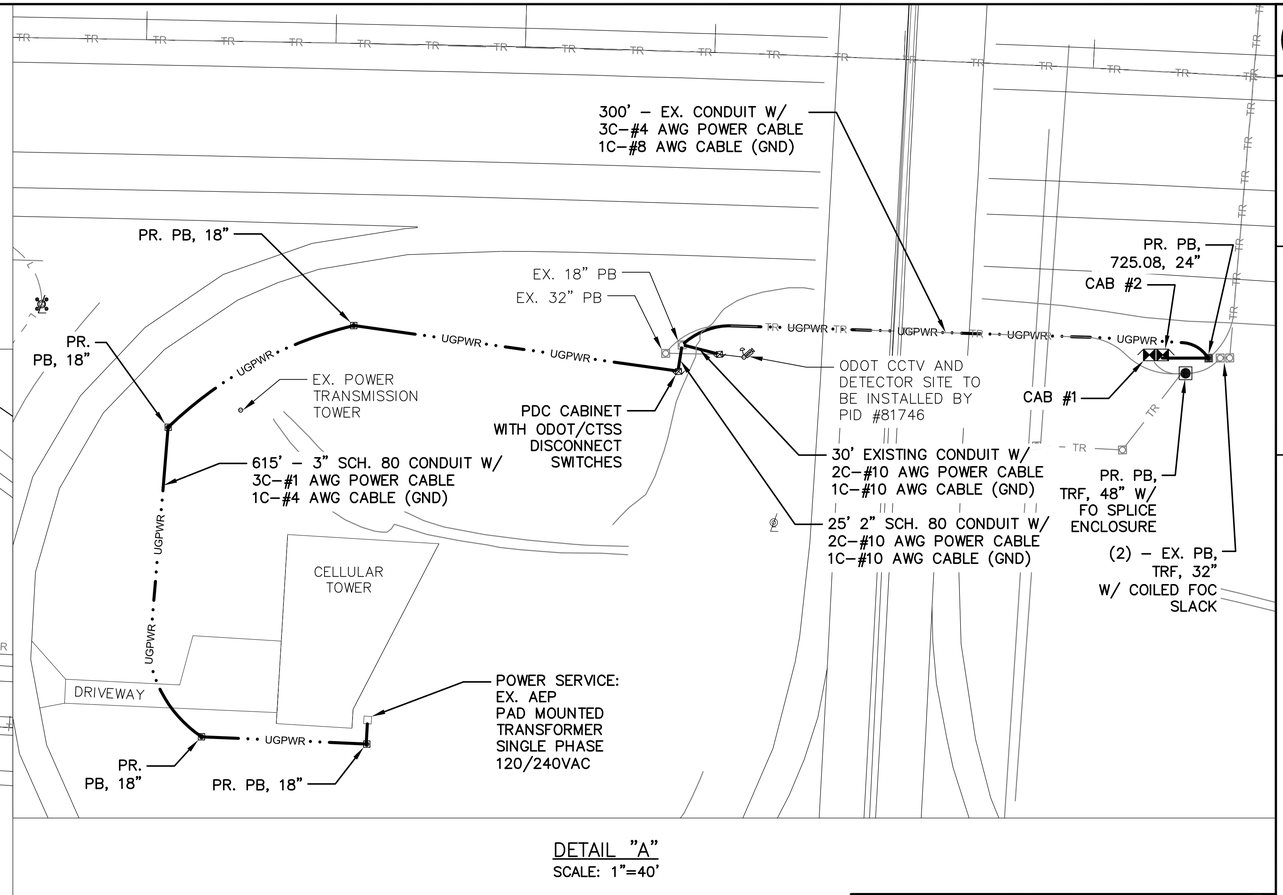
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

2762 DR. E

J:\Jobs\47857\TECHPROD\Sheets\IC_Quantity_Sheet_Cleveland_C.dwg - Quan layout ~ last saved by: CCI, rlrapp 09/16/2014 05:36pm ~ printed 07/01/2015 05:44pm

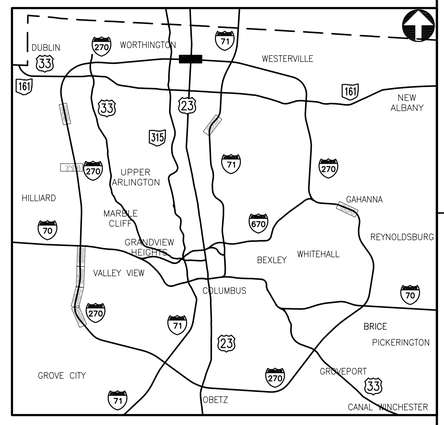


I-270 BETWEEN STATION 1250+00 AND 1264+00



DETAIL "A"
SCALE: 1"=40'

NODE #270023.6
REFER TO SHEETS 1092 & 1093
FOR COMMUNICATION DETAILS



KEY PLAN
NOT TO SCALE

NOTES:

1. SEE SHEET 602 FOR INTERCONNECT QUANTITIES.
2. DESIGN OF NODE 270023.6 MAY BE AFFECTED BY PID 81746.
3. SEE SHEET 64 FOR POWER SERVICE DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800–362–2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- ☒ SEWER
- ☒ WATER
- ☐ POWER
- ☐ LIGHTING

REFER TO SHEET 379 FOR INTERCONNECT SHEET INDEX

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 16.

2762 DR. E

HORIZONTAL SCALE IN FEET
0 100 200

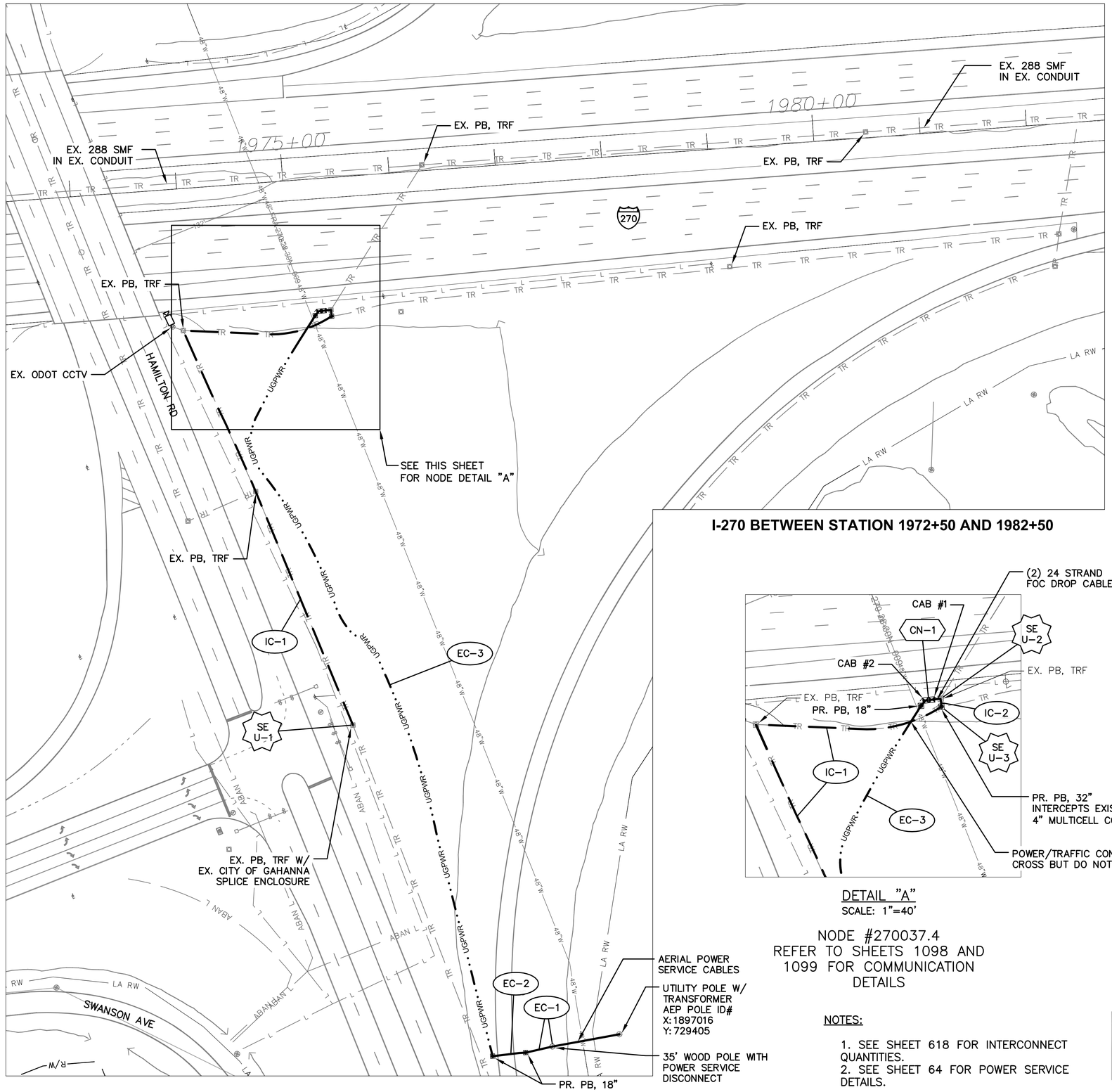
PID NUMBER 13034

NODE SHEET
I–270 BETWEEN STA. 1250+00 AND 1264+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

603
1107

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I-270 BETWEEN STATION 1972+50 AND 1982+50

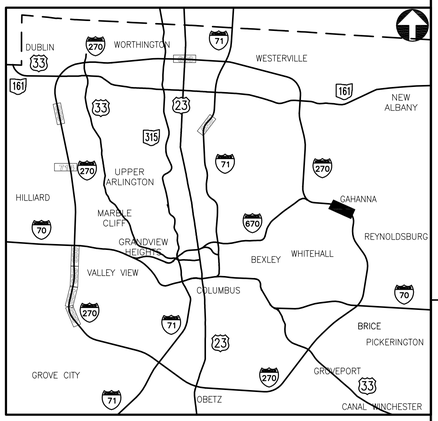
- IC-1: 546' – FIBER OPTIC CABLE, MISC.: 24 STRAND CABLE
  546' – EXISTING CONDUIT CLEANED, AS PER PLAN
- IC-2: 26' – CONDUIT, 3", 725.05, AS PER PLAN
  13' – TRENCH, 36" DEEP, AS PER PLAN
  95' – FIBER OPTIC CABLE, MISC.: 24 STRAND DROP CABLE
  105' – FIBER OPTIC CABLE, MISC.: 24 STRAND DROP CABLE
  1 EA – PULL BOX, 32", AS PER PLAN
- SE U-1: 75' – FIBER OPTIC CABLE, MISC.: 24 STRAND CABLE IN EXISTING UNDERGROUND SPLICE ENCLOSURE
- SE U-2: 150' – FIBER OPTIC CABLE, MISC.: 24 STRAND CABLE IN EXISTING UNDERGROUND SPLICE ENCLOSURE
- SE U-3: 75' – FIBER OPTIC CABLE, MISC.: 24 STRAND CABLE IN PROPOSED UNDERGROUND SPLICE ENCLOSURE
- EC-1: 1 EA – POWER SERVICE, AS PER PLAN
- EC-2: 35' – CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, 725.05, 3", AS PER PLAN
  105' – NO. 4 AWG 600 VOLT DISTRIBUTION CABLE
  35' – NO. 8 AWG 600 VOLT DISTRIBUTION CABLE
  1 EA – PULL BOX, 18", AS PER PLAN
- EC-3: 765' – CONDUIT, 2", 725.05, AS PER PLAN
  765' – TRENCH, 36" DEEP, AS PER PLAN
  2295' – NO. 4 AWG 600 VOLT DISTRIBUTION CABLE
  765' – NO. 8 AWG 600 VOLT DISTRIBUTION CABLE
  1 EA – PULL BOX, 18", AS PER PLAN
- CN-1: 2 EA – FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 24 TERMINATION

DETAIL "A"
SCALE: 1"=40'

NODE #270037.4
REFER TO SHEETS 1098 AND 1099 FOR COMMUNICATION DETAILS

NOTES:

1. SEE SHEET 618 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 64 FOR POWER SERVICE DETAILS.



KEY PLAN
NOT TO SCALE

REFER TO SHEET 374 FOR INTERCONNECT SHEET INDEX

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 16.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING

2762 DR. E

HORIZONTAL SCALE IN FEET
0 50 100

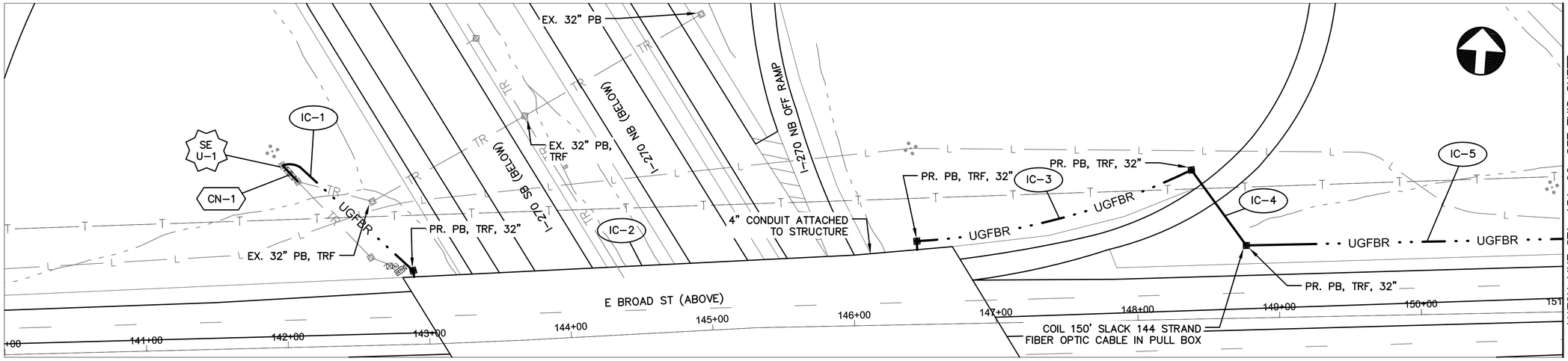
PID NUMBER 13034

I-270 BETWEEN STA. 1972+50 AND 1982+50
I-270 AND HAMILTON RD.

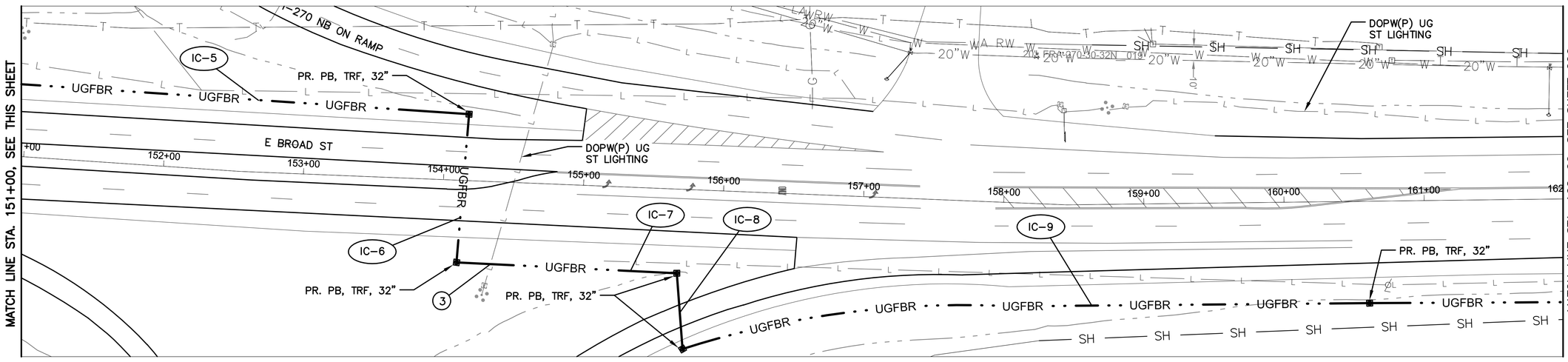
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

604
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_54_E270_Corridor-Node.dwg – E_270-1 layout ~ last saved by: CCI, spark 04/02/2015 01:55pm ~ printed 07/01/2015 05:46pm



E BROAD ST BETWEEN STATION 140+00 AND 151+00



E BROAD ST BETWEEN STATION 151+00 AND 162+00

NOTES:

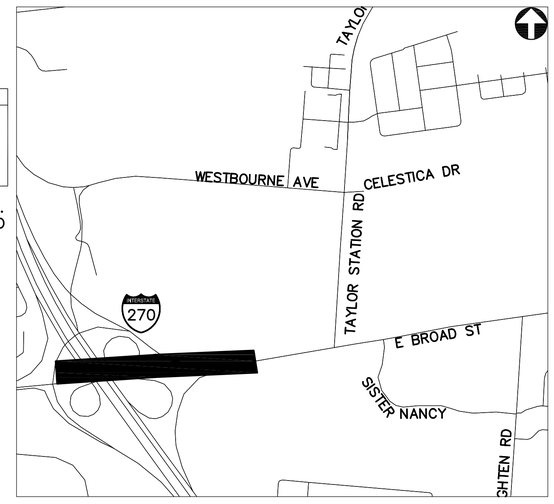
1. SEE SHEET 616 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 736 FOR COMMUNICATION DETAILS.
3. SEE SHEETS 1100 AND 1101 FOR FIBER SPLICING PLANS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 16.

CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☒ LIGHTING



REFER TO SHEET 374 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

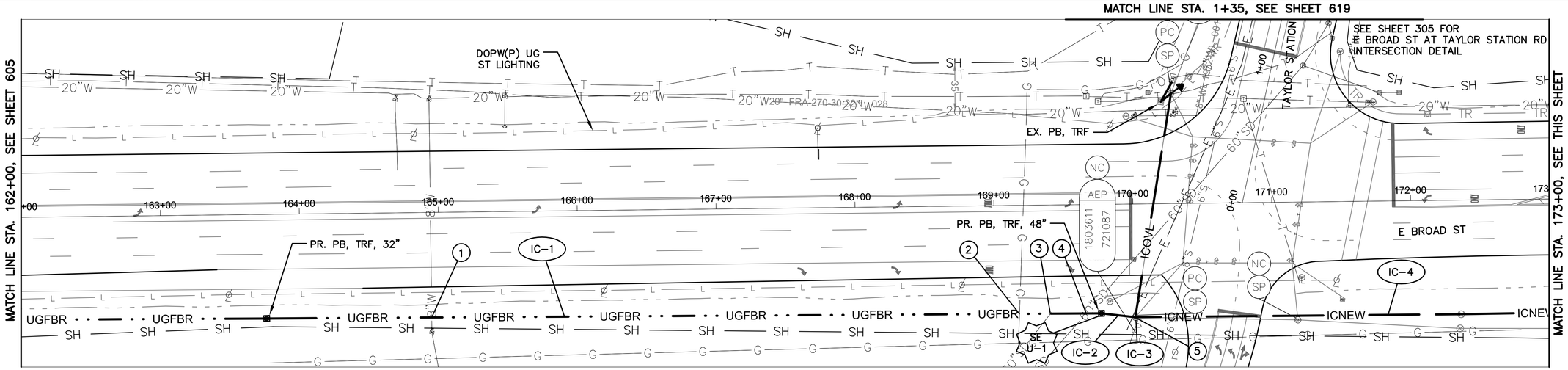
PID NUMBER 13034

INTERCONNECT PLAN
E BROAD ST BETWEEN STA. 140+00 AND 162+00

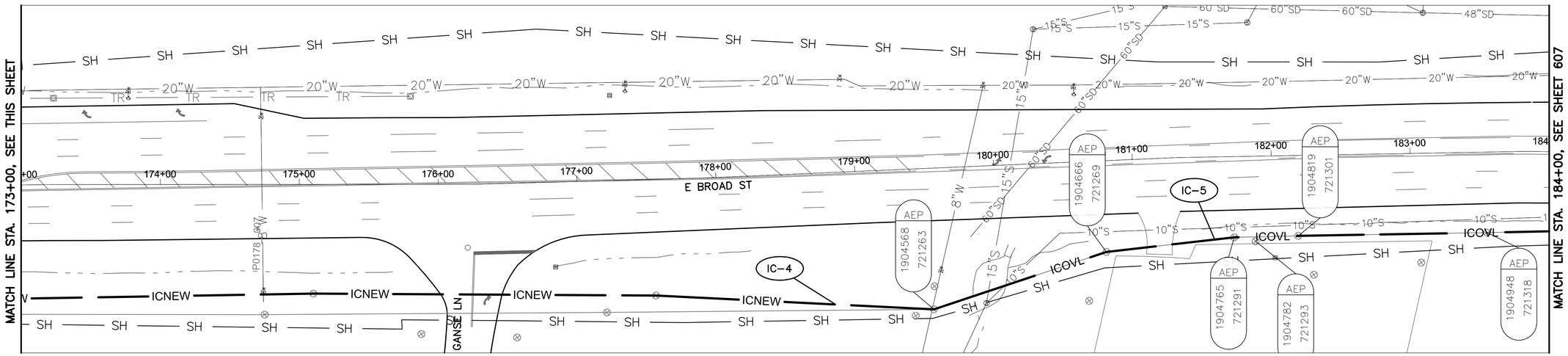
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

605
1107

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E BROAD ST BETWEEN STATION 162+00 AND 173+00



E BROAD ST BETWEEN STATION 173+00 AND 184+00

NOTES:

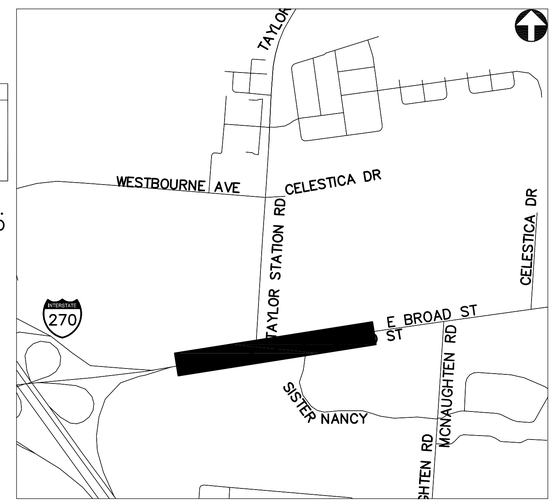
1. SEE SHEET 616 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 736 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 16.

CITY OF COLUMBUS UTILITY LEGEND

☒	SEWER
☒	WATER
☐	POWER
☒	LIGHTING



REFER TO SHEET 374 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

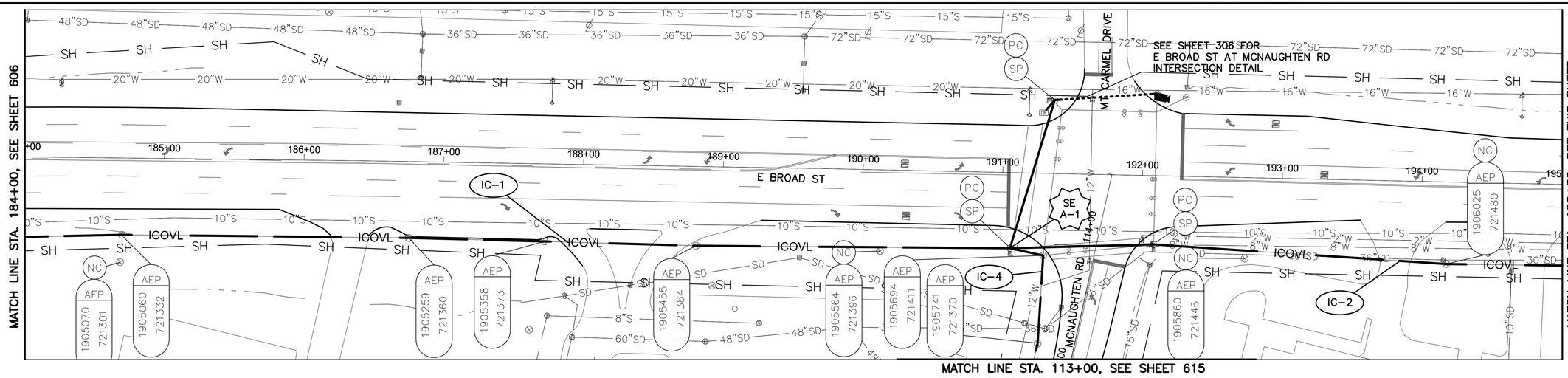
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INTERCONNECT PLAN
E BROAD ST BETWEEN STA. 162+00 AND 184+00

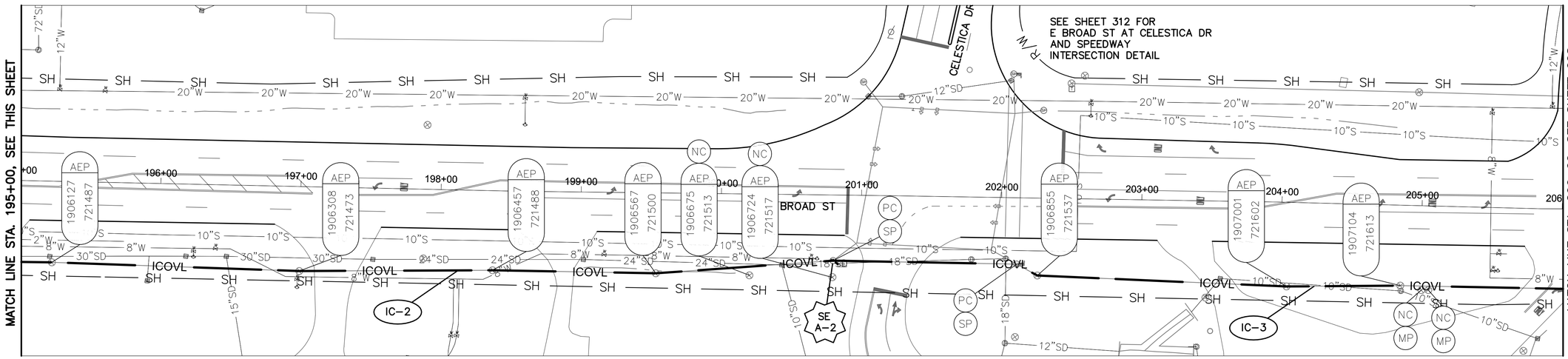
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

606
1107

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E BROAD ST BETWEEN STATION 184+00 AND 195+00



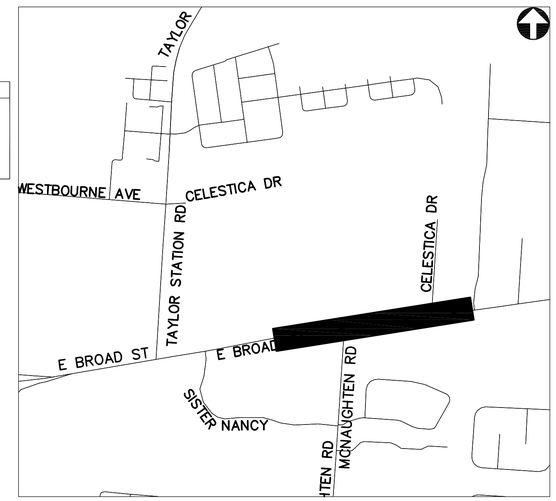
E BROAD ST BETWEEN STATION 195+00 AND 206+00

NOTES:

1. SEE SHEET 616 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 736 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 374 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

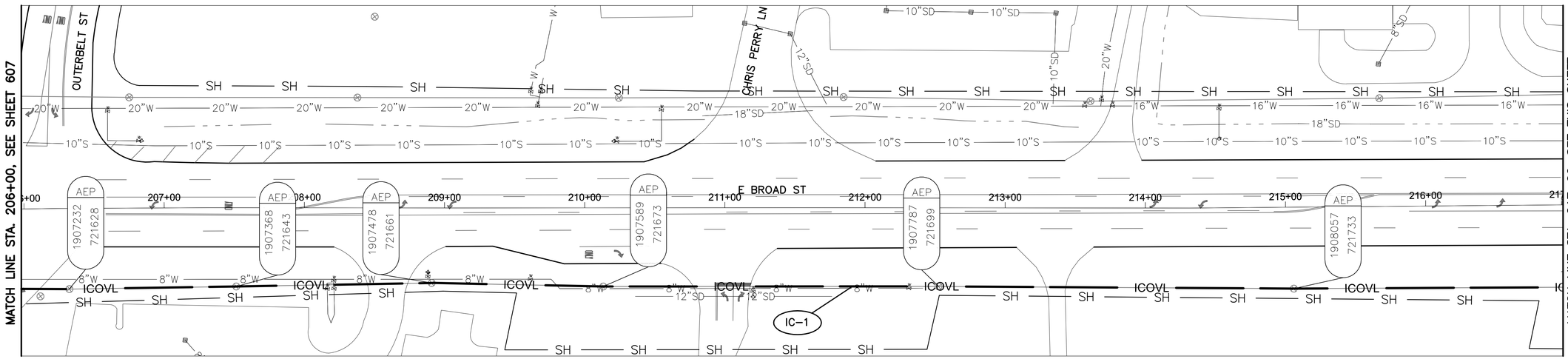
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INTERCONNECT PLAN
E BROAD ST BETWEEN STA. 184+00 AND 206+00

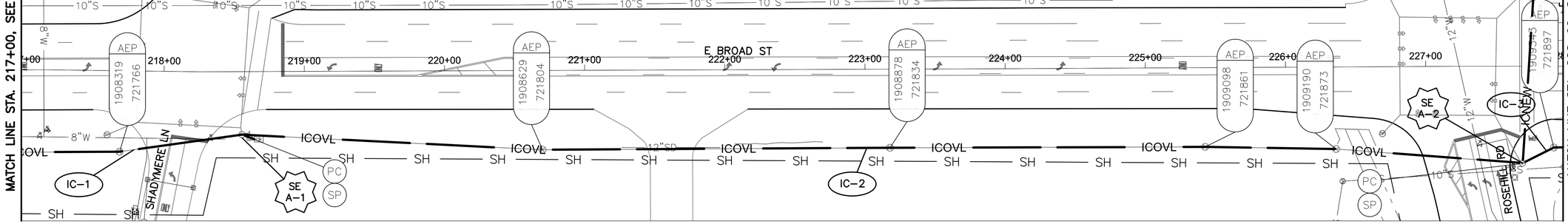
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

607
1107

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E BROAD ST BETWEEN STATION 206+00 AND 217+00



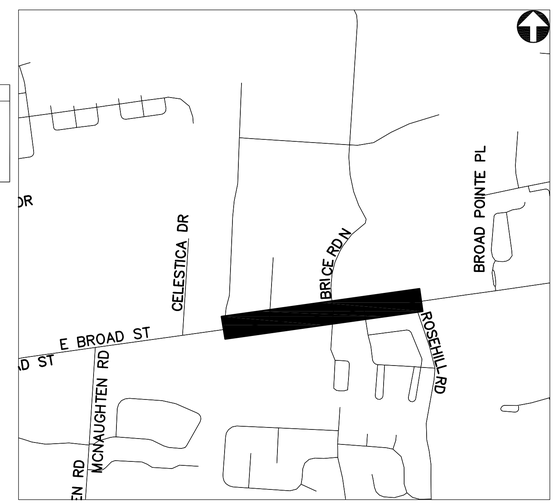
E BROAD ST BETWEEN STATION 217+00 AND 228+00

NOTES:

1. SEE SHEET 616 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 736 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 374 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

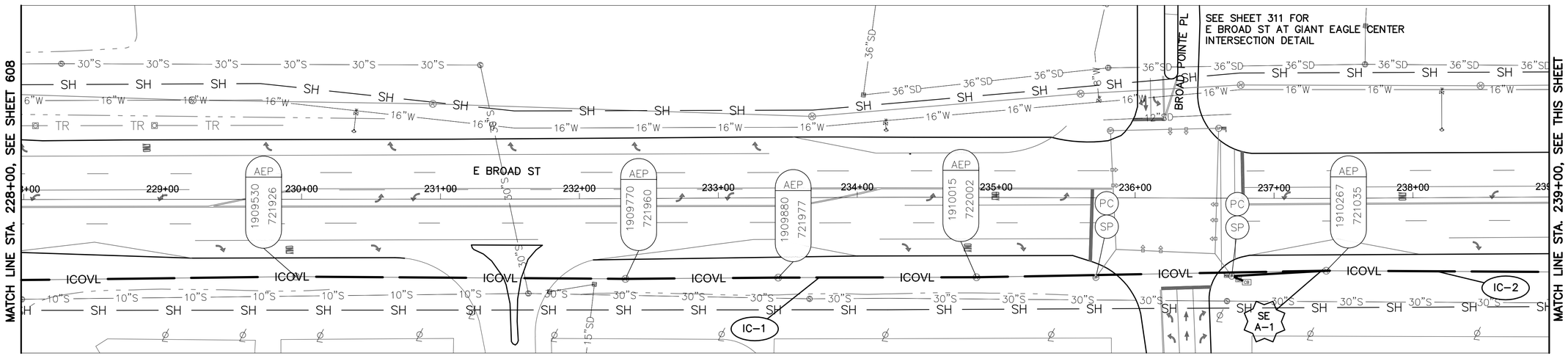
PID NUMBER 13034

INTERCONNECT PLAN
E BROAD ST BETWEEN STA. 206+00 AND 228+00

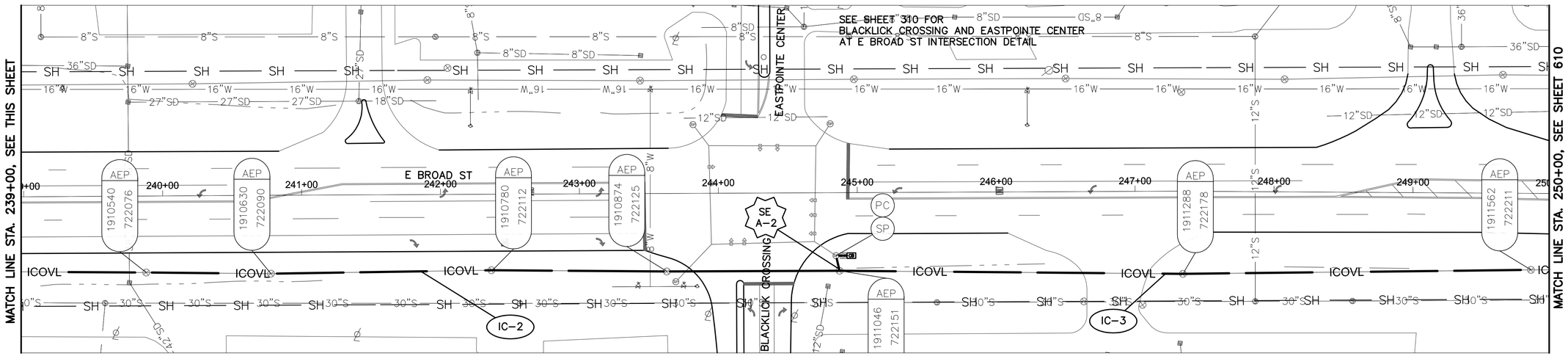
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

608
1107

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E BROAD ST BETWEEN STATION 228+00 AND 239+00



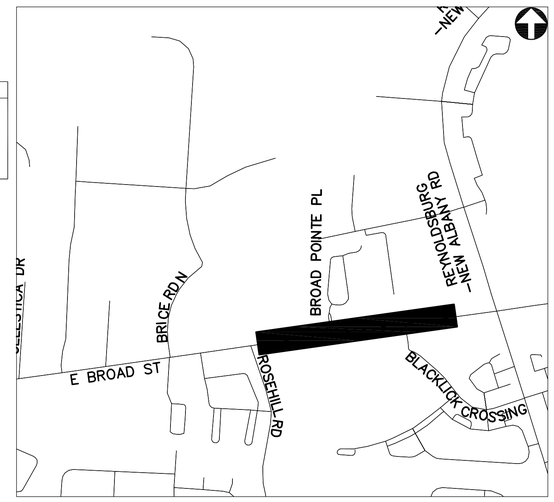
E BROAD ST BETWEEN STATION 239+00 AND 250+00

NOTES:

1. SEE SHEET 617 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 736 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 374 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

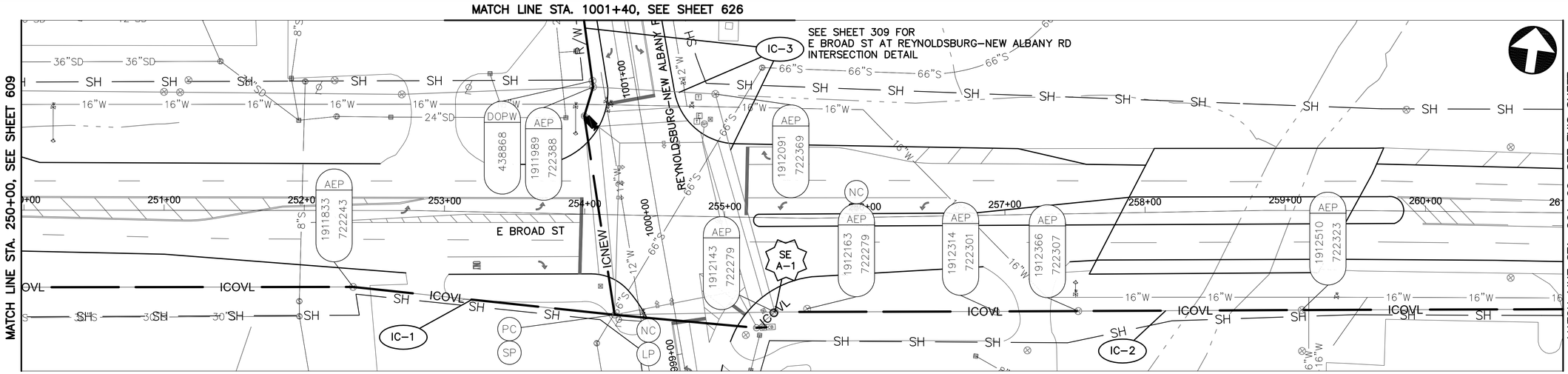
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INTERCONNECT PLAN
E BROAD ST BETWEEN STA. 228+00 AND 250+00

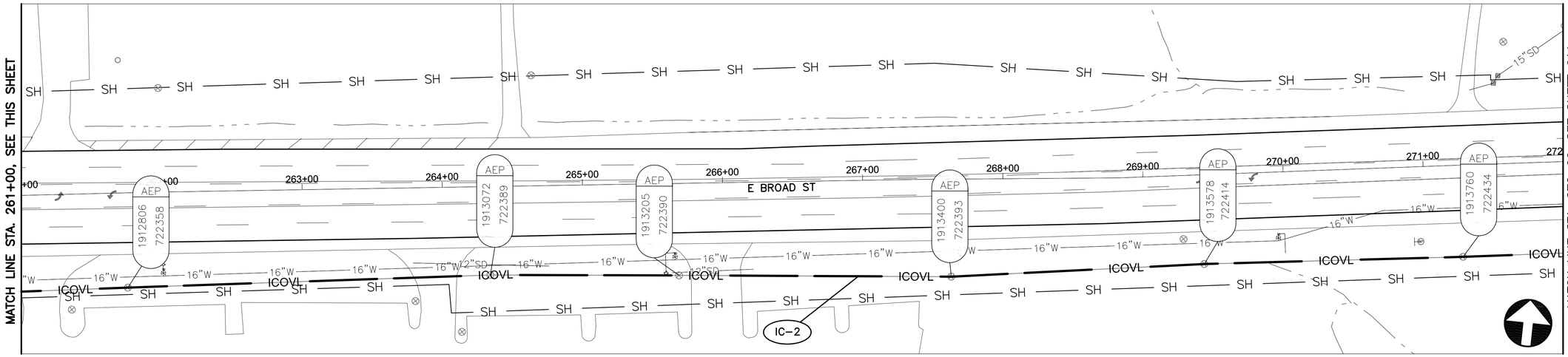
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

609
1107

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E BROAD ST BETWEEN STATION 250+00 AND 261+00



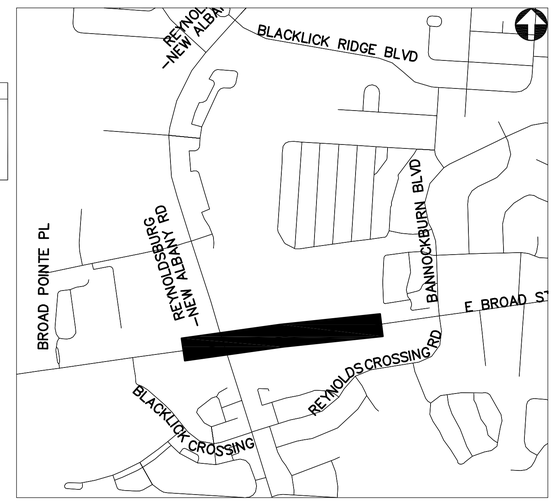
E BROAD ST BETWEEN STATION 261+00 AND 272+00

NOTES:

1. SEE SHEET 617 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 737 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800–362–2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 374 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

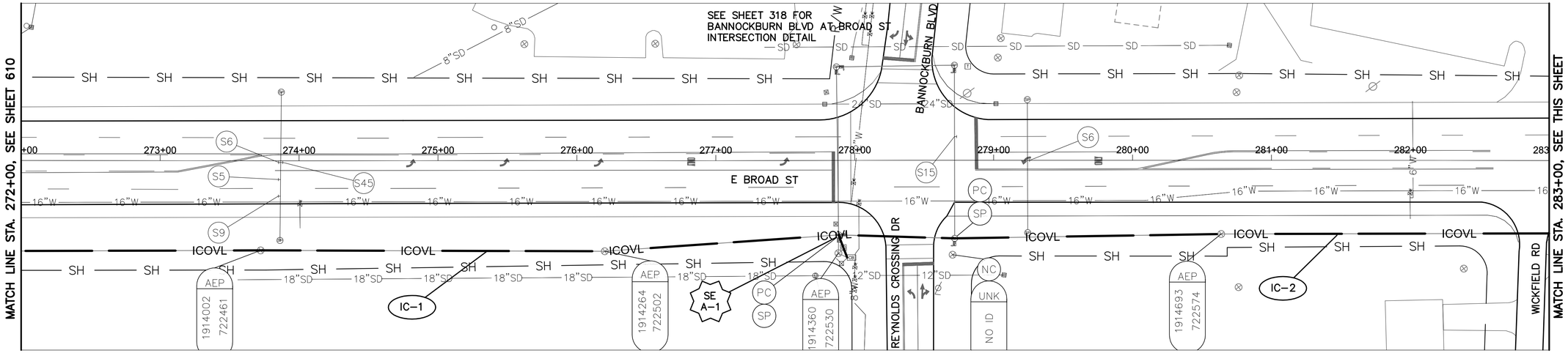
PID NUMBER 13034

INTERCONNECT PLAN
E BROAD ST BETWEEN STA. 250+00 AND 272+00

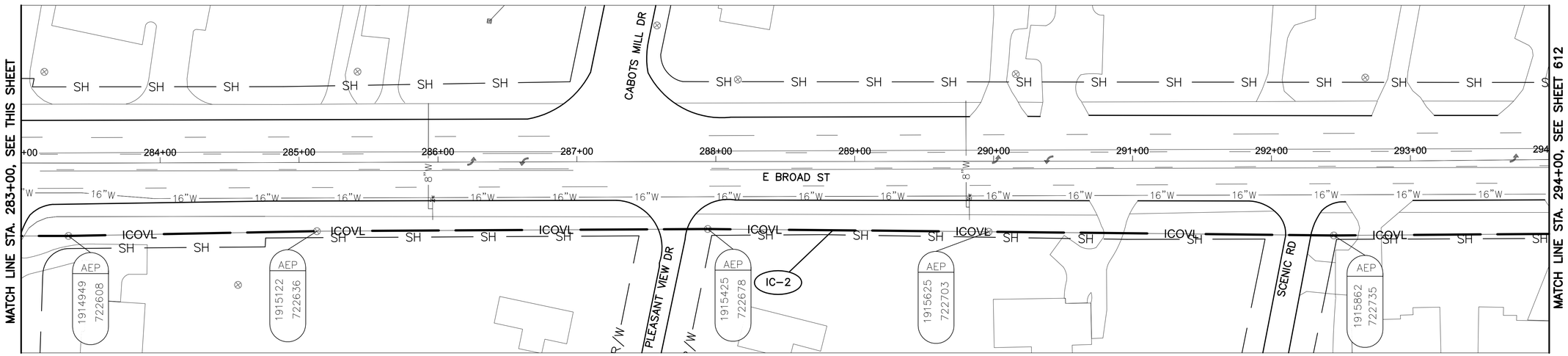
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

610
1107

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E BROAD ST BETWEEN STATION 272+00 AND 283+00



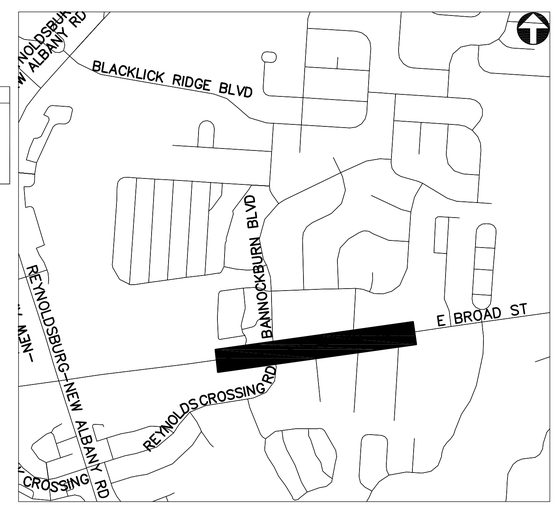
E BROAD ST BETWEEN STATION 283+00 AND 294+00

NOTES:

1. SEE SHEET 617 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 737 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☒ POWER
- ☐ LIGHTING



REFER TO SHEET 374 FOR INTERCONNECT SHEET INDEX

KEY PLAN NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

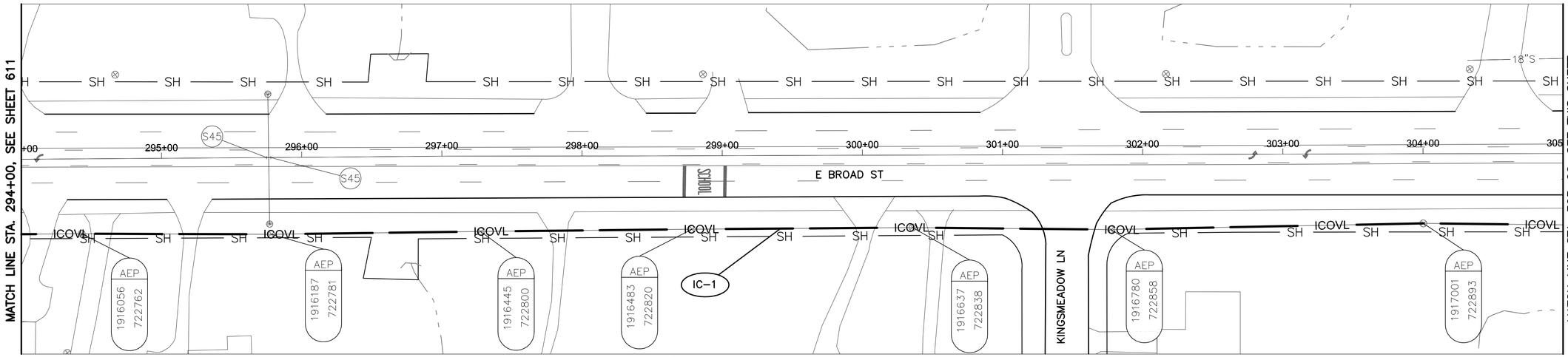
PID NUMBER 13034

INTERCONNECT PLAN
E BROAD ST BETWEEN STA. 272+00 AND 294+00

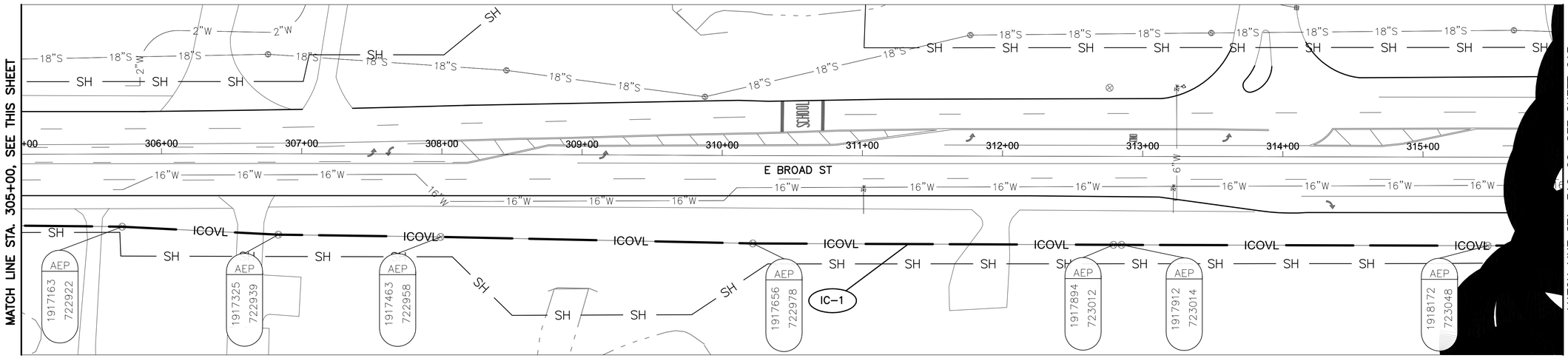
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

611
1107

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E BROAD ST BETWEEN STATION 294+00 AND 305+00



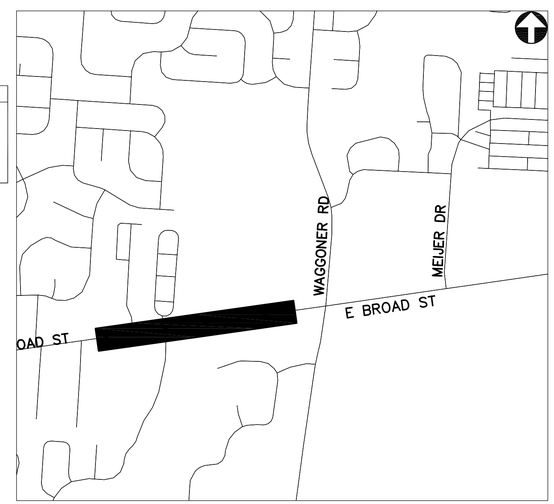
E BROAD ST BETWEEN STATION 305+00 AND 316+00

NOTES:

1. SEE SHEET 617 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 737 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 374 FOR INTERCONNECT SHEET INDEX

KEY PLAN NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

INTERCONNECT PLAN
E BROAD ST BETWEEN STA. 294+00 AND 316+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

612
1107

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MATCH LINE STA. 1021+10, SEE SHEET 635

MATCH LINE STA. 316+00, SEE SHEET 612

MATCH LINE STA. 327+00, SEE THIS SHEET

SEE SHEET 315 FOR E BROAD ST AT WAGGONER RD INTERSECTION DETAIL

E BROAD ST

WAGGONER RD

IC-4

IC-2

SE A-1

AEP 1918434 723085

AEP 1918619 723111

AEP 1918650 723115

AEP 1918879 723147

AEP 1918112 723179

E BROAD ST BETWEEN STATION 316+00 AND 327+00

MATCH LINE STA. 327+00, SEE THIS SHEET

MATCH LINE STA. 338+00, SEE SHEET 614

MEIJER DR

SEE SHEET 313 FOR E BROAD ST AT MEIJER DR INTERSECTION DETAIL

E BROAD ST

IC-2

IC-3

SE A-2

AEP 1918347 723211

AEP 1919578 723242

AEP 1919810 723273

AEP 1920039 723300

AEP 1920276 723334

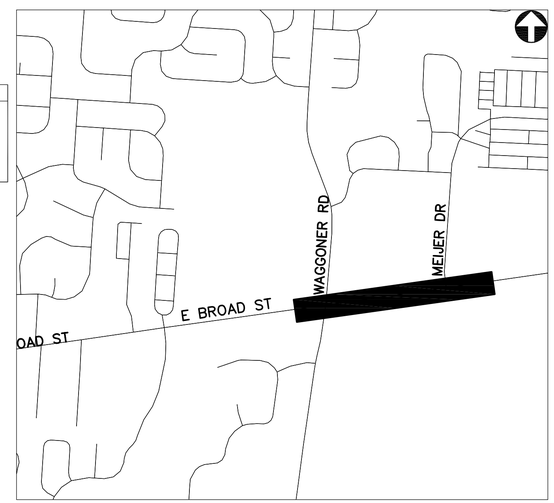
E BROAD ST BETWEEN STATION 327+00 AND 338+00

NOTES:

1. SEE SHEET 617 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 737 FOR COMMUNICATION DETAILS.

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- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 374 FOR INTERCONNECT SHEET INDEX

KEY PLAN NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

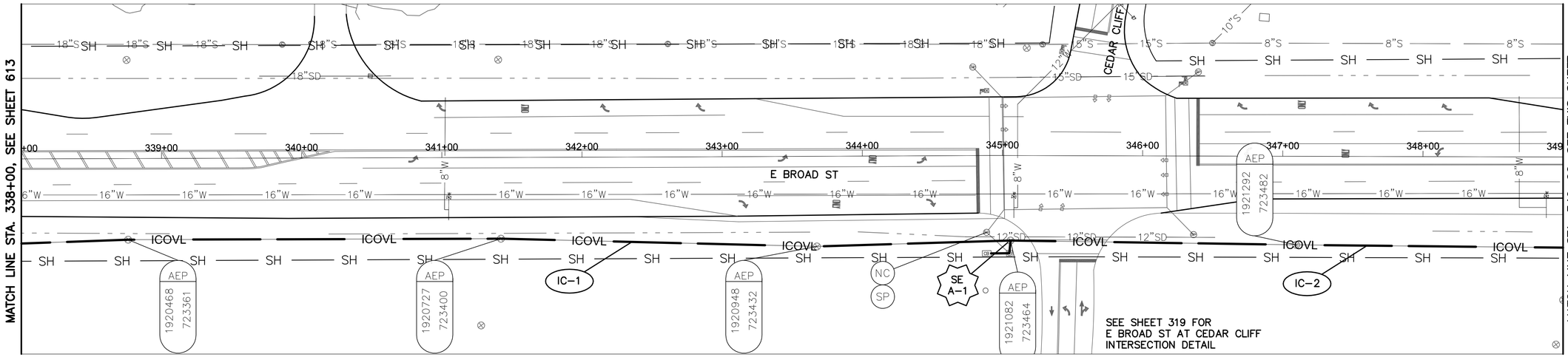
PID NUMBER 13034

INTERCONNECT PLAN
E BROAD ST BETWEEN STA. 316+00 AND 338+00

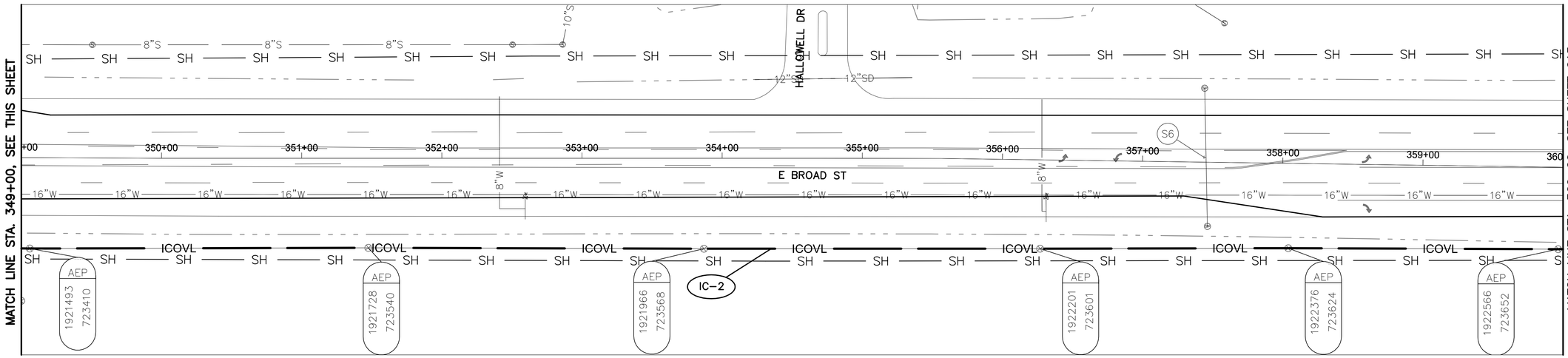
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

613
1107

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E BROAD ST BETWEEN STATION 338+00 AND 349+00



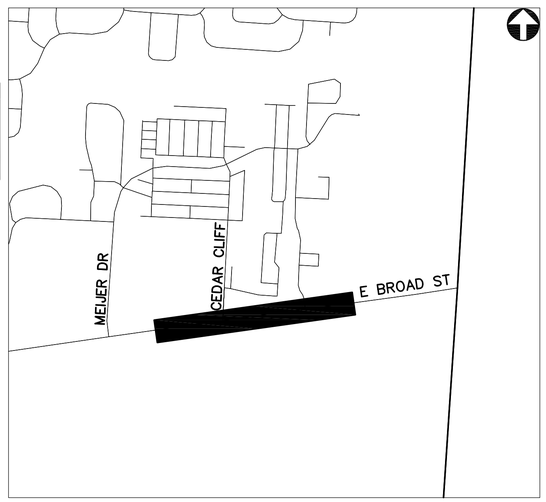
E BROAD ST BETWEEN STATION 349+00 AND 360+00

NOTES:

1. SEE SHEET 617 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 737 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 374 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

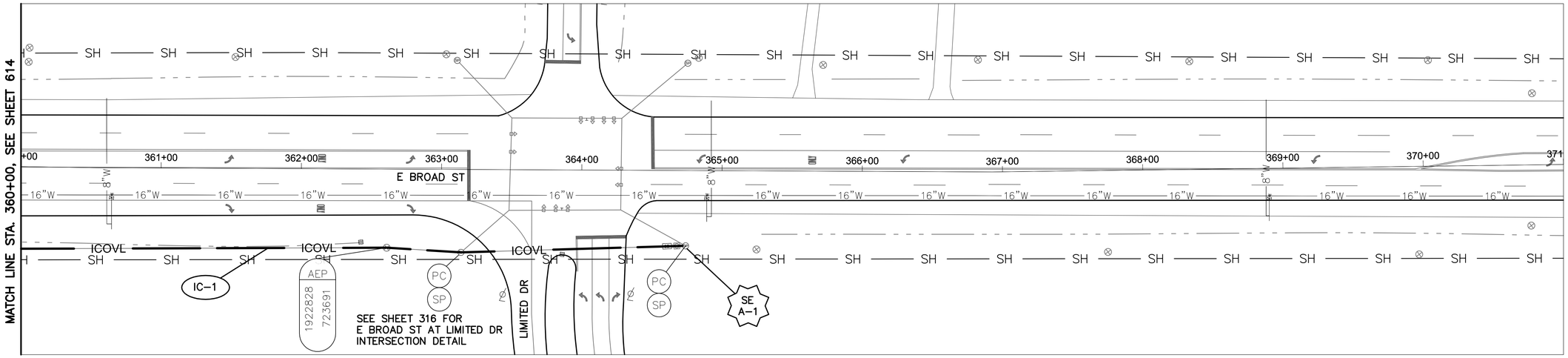
PID NUMBER 13034

INTERCONNECT PLAN
E BROAD ST BETWEEN STA. 338+00 AND 360+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

614
1107

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E BROAD ST BETWEEN STATION 360+00 AND 371+00

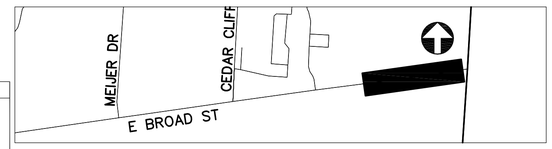
MCNAUGHTEN RD BETWEEN STATION 103+50 AND 113+00

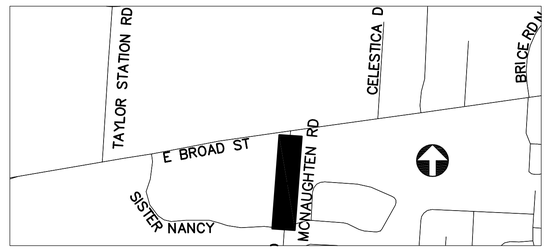
NOTES:

1. SEE SHEET 617 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 737 AND 736 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
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CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING





REFER TO SHEET 374 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

INTERCONNECT PLANS – E BROAD ST BETWEEN STA. 360+00 AND 371+00 AND MCNAUGHTEN RD BETWEEN STA. 103+50 AND 113+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

615
1107

2762 DR. E

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION FROM	STATION TO	202 EXISTING CONDUIT CLEANED, APP (FT)	625 CONDUIT, 3", 725.05, AS PER PLAN (FT)	625 CONDUIT, CONCRETE ENCASED, 4-3", 725.05, AS PER PLAN (FT)	625 CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, 725.05, 3", AS PER PLAN (FT)	625 PULL BOX, MISC.: CONCRETE, 32" (EACH)	625 PULL BOX, MISC.: CONCRETE, 48" (EACH)	625 TRENCH, 36" DEEP, AS PER PLAN (FT)	632 CONDUIT: 2" RISER, AS PER PLAN (EACH)	633 CONTROLLER ITEM, MISC.: FIBER OPTIC ETHERNET TRANSCEIVER (EACH)	633 INTERCONNECT, MISC.: OVERLASH TO EXISTING INTERCONNECT (FT)	804 FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE (FT)	804 FIBER OPTIC CABLE, MISC.: 24 COUNT PRE-TERMINATED PATCH PANEL ASSEMBLY (EACH)	804 FIBER OPTIC CABLE, MISC.: 24 STRAND CABLE (FT)	804 FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 144 TERMINATION (EACH)	804 FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 24 TERMINATION (EACH)	804 SPLICE ENCLOSURE: OVERHEAD, AS PER PLAN (EACH)	804 SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN (EACH)	FUSION SPLICE, AS PER PLAN *			
E BROAD ST: STA 140+00 TO 162+00																									
605	CN-1	E BROAD ST	142+04, 123' LT										2			1		2	1						
605	SE U-1	E BROAD ST	141+99, 129' LT												150		150				1	192			
605	IC-1	E BROAD ST	141+99, 129' LT	145+04, 223' LT	337										337										
605	IC-2	E BROAD ST	145+04, 223' LT	145+31, 221' LT		70			1		35				35										
605	IC-3	E BROAD ST	145+31, 221' LT	145+60, 221' LT				58	1						29										
605	IC-4	E BROAD ST	145+60, 221' LT	148+91, 156' LT		674			1		337				337										
605	IC-5	E BROAD ST	148+91, 156' LT	149+25, 145' LT				72	1						36										
605	IC-6	E BROAD ST	149+25, 145' LT	154+12, 59' RT		1096			2		548				548										
605	IC-7	E BROAD ST	154+12, 59' RT	154+16, 47' LT				212	1						106										
605	IC-8	E BROAD ST	154+16, 47' LT	155+95, 60' RT		368			1		184				184										
605	IC-9	E BROAD ST	155+95, 60' RT	156+19, 99' RT				92	1						46										
605	IC-10	E BROAD ST	156+19, 99' RT	162+00, 74' RT			585		1						585										
605			PULL BOX SLACK												270										
E BROAD ST: STA 162+00 TO 184+00																									
606	IC-1	E BROAD ST	162+00, 74' RT	169+77, 78' RT			777		1	1	777				777										
606	SE U-1	E BROAD ST	169+77, 78' RT												225						1	228			
606	IC-2	E BROAD ST	169+77, 78' RT	170+00, 81' RT			25				25				50										
606	IC-3	E BROAD ST	170+00, 81' RT									1			70										
606	IC-4	E BROAD ST	170+00, 81' RT	184+00, 57' RT										1403	1403										
606	IC-5	E BROAD ST	170+00, 81' RT	170+49, 132' LT										220	220										
606			PULL BOX SLACK												20										
606			OVERHEAD SAG											24	24										
E BROAD ST: STA 184+00 TO 206+00																									
607	IC-1	E BROAD ST	184+00, 57' RT	191+06, 54' RT										705	705										
607	SE A-1	E BROAD ST	191+06, 54' RT												225					1		204			
607	IC-2	E BROAD ST	191+06, 54' RT	200+80, 47' RT										976	976										
607	SE A-2	E BROAD ST	200+80, 47' RT												150					1		24			
607	IC-3	E BROAD ST	200+80, 47' RT	206+00, 57' RT										523	523										
607	IC-4	MCNAUGHTEN RD	113+00, 27' LT	113+73, 60' LT										99	99										
607			OVERHEAD SAG											35	35										
E BROAD ST: STA 206+00 TO 228+00																									
608	IC-1	E BROAD ST	206+00, 57' RT	218+55, 45' RT										1258	1258										
608	SE A-1	E BROAD ST	218+55, 45' RT												150					1		24			
608	IC-2	E BROAD ST	218+55, 45' RT	227+69, 69' RT										914	914										
608	SE A-2	E BROAD ST	227+69, 69' RT												150					1		24			
608	IC-3	E BROAD ST	227+69, 69' RT	228+00, 58' RT										40	40										
608			OVERHEAD SAG											33	33										
			SHEET TOTAL		337	2208	1387	434	11	1	1906	1	2	6230	10710	1	150	2	1	4	2	696	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

2762 DR. E

PID NUMBER 13034

INTERCONNECT QUANTITIES
E BROAD ST BETWEEN STA. 140+00 AND 228+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION		632	633	804	804																	
					MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES	INTERCONNECT, MISC.: OVERLASH TO EXISTING INTERCONNECT	FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE	SPLICE ENCLOSURE: OVERHEAD, AS PER PLAN	FUSION SPLICE, AS PER PLAN *																
			FROM	TO	FT	FT	FT	EACH																	
E BROAD ST: STA 228+00 TO 250+00																									
609	IC-1	E BROAD ST	228+00, 58' RT	237+37, 52' RT		939	939																		
609	SE A-1	E BROAD ST	237+37, 52' RT				150	1	24																
609	IC-2	E BROAD ST	237+37, 52' RT	244+87, 56' RT		749	749																		
609	SE A-2	E BROAD ST	244+87, 56' RT				150	1	24																
609	IC-3	E BROAD ST	244+87, 56' RT	250+00, 55' RT		511	511																		
609			OVERHEAD SAG			33	33																		
E BROAD ST: STA 250+00 TO 272+00																									
610	IC-1	E BROAD ST	250+00, 55' RT	255+37, 67' RT		538	538																		
610	SE A-1	E BROAD ST	255+37, 67' RT				225	1	204																
610	IC-2	E BROAD ST	255+37, 67' RT	272+00, 65' RT		1662	1662																		
610	IC-3	REYNOLDSBURG-NEW ALBANY RD	999+18, 70' RT	1001+40, 29' LT	296		296																		
610			OVERHEAD SAG		4	33	37																		
E BROAD ST: STA 272+00 TO 294+00																									
611	IC-1	E BROAD ST	272+00, 65' RT	277+88, 54' RT		588	588																		
611	SE A-1	E BROAD ST	277+88, 54' RT				150	1	24																
611	IC-2	E BROAD ST	277+88, 54' RT	294+00, 53' RT		1611	1611																		
611			OVERHEAD SAG			33	33																		
E BROAD ST: STA 294+00 TO 316+00																									
612	IC-1	E BROAD ST	294+00, 54' RT	316+00, 63' RT		2200	2200																		
612			OVERHEAD SAG			33	33																		
E BROAD ST: STA 316+00 TO 338+00																									
613	IC-1	E BROAD ST	316+00, 63' RT	318+59, 65' RT		252	252																		
613	SE A-1	E BROAD ST	318+59, 65' RT				225	1	132																
613	IC-2	E BROAD ST	318+59, 65' RT	332+06, 66' RT		1347	1347																		
613	SE A-2	E BROAD ST	332+06, 66' RT				150	1	24																
613	IC-3	E BROAD ST	332+06, 66' RT	338+00, 60' RT		597	597																		
613	IC-4	WAGGONER RD	1019+11, 62' LT	121+20, 53' RT	322		322																		
613			OVERHEAD SAG		5	33	38																		
E BROAD ST: STA 338+00 TO 360+00																									
614	IC-1	E BROAD ST	338+00, 60' RT	345+06, 60' RT		705	705																		
614	SE A-1	E BROAD ST	345+06, 60' RT				150	1	24																
614	IC-2	E BROAD ST	345+06, 60' RT	360+00, 58' RT		1494	1494																		
614			OVERHEAD SAG			33	33																		
E BROAD ST: STA 360+00 TO 371+00/MCNAUGHTEN RD: STA 103+50 TO 113+00																									
615	IC-1	E BROAD ST	360+00, 58' RT	364+74, 54' RT		474	474																		
615	SE A-1	E BROAD ST	364+74, 54' RT				75	1	12																
615	SE A-2	MCNAUGHTEN RD	104+13, 43' LT				75	1	12																
615	IC-2	MCNAUGHTEN RD	104+13, 43' LT	113+00, 27' LT		890	890																		
615			OVERHEAD SAG			20	20																		
		SHEET TOTAL			627	14775	16752	9	480	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

2762 DR. E

PID NUMBER 13034

INTERCONNECT QUANTITIES – E BROAD ST BTW STA. 228+00 AND 371+00 & MCNAUGHTEN RD BTW STA. 103+50 AND 113+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

617
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION		202	625	625	625	625	625	625	632	633	633	633	804	804	804		804					
					EXISTING CONDUIT CLEANED, AS PER PLAN	CONDUIT, 2", 725.05, AS PER PLAN	CONDUIT, 3", 725.05, AS PER PLAN	CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, 725.05, 3", AS PER PLAN	NO. 4 AWG 600 VOLT DISTRIBUTION CABLE	POWER SERVICE, AS PER PLAN	TRENCH, 36" DEEP, AS PER PLAN	WOOD POLE	CONTROLLER ITEM, MISC.: COMMUNICATIONS NODE	CONTROLLER ITEM, MISC.: FIBER OPTIC ETHERNET TRANSCEIVER	CONTROLLER ITEM, MISC.: LAYER 3 ETHERNET SWITCH	FIBER OPTIC CABLE, MISC.: 24 COUNT PRE-TERMINATED PATCH PANEL ASSEMBLY	FIBER OPTIC CABLE, MISC.: 24 STRAND CABLE	FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 24 TERMINATION	FUSION SPLICE, AS PER PLAN *	SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN					
			FROM	TO	FT	FT	FT	FT	FT	EACH	FT	EACH	EACH	EACH	EACH	EACH	FT	EACH		EACH					
I-270: STA 1972+50 TO 1982+50																									
604	SE U-1	I-270	1975+28, 514' RT														200		6						
604	IC-1	I-270	1975+28, 514' RT	1976+60, 117' RT	667												667								
604	IC-2	I-270	1976+36, 112' RT	1976+60, 117' RT			25				25						25								
604	SE U-2	I-270	1976+36, 112' RT														75		48	1					
604	IC-3	I-270	1976+60, 117' RT	1976+98, 127' RT			40				40						100								
604	CN-1	I-270	1976+98, 127' RT										1	4	1	1		1							
604	EC-1	I-270	1980+94, 252' RT							1		1													
604	EC-2	I-270	1980+94, 252' RT	1980+43, 166' RT				110	330																
604	EC-3	I-270	1980+43, 166' RT	1976+98, 127' RT		350			1050		350														
604			PULL BOX SLACK						45								60								
			SHEET TOTAL		667	350	65	110	1425	1	415	1	1	4	1	1	1127	1	54	1	-	-	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

2762 DR. E

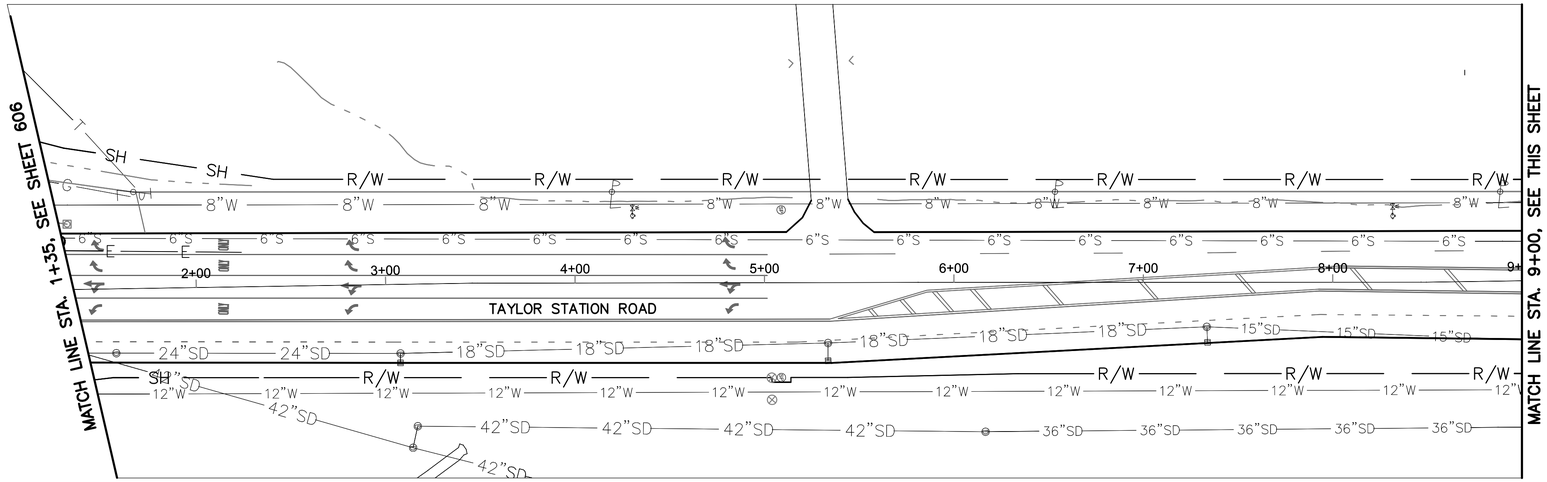
PID NUMBER 13034

INTERCONNECT QUANTITIES
I-270 BETWEEN STA. 1955+00 AND 2005+00

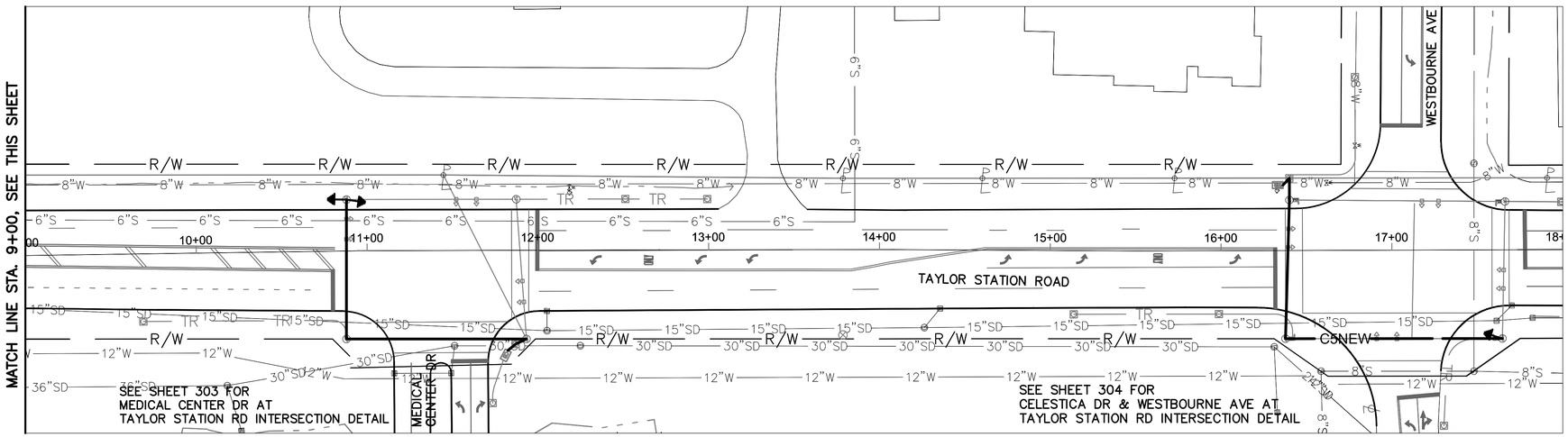
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

618
1107

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TAYLOR STATION RD BETWEEN STATION 1+35 AND 9+00



TAYLOR STATION RD BETWEEN STATION 9+00 AND 18+00

NOTES:

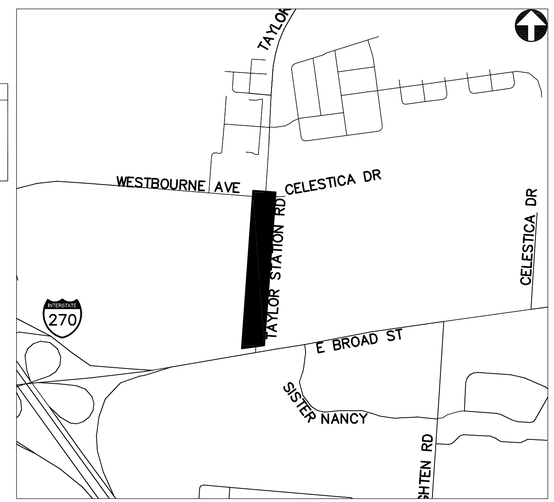
1. SEE SHEET 625 FOR INTERCONNECT QUANTITIES.

2. SEE SHEET 736 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
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CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 374 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

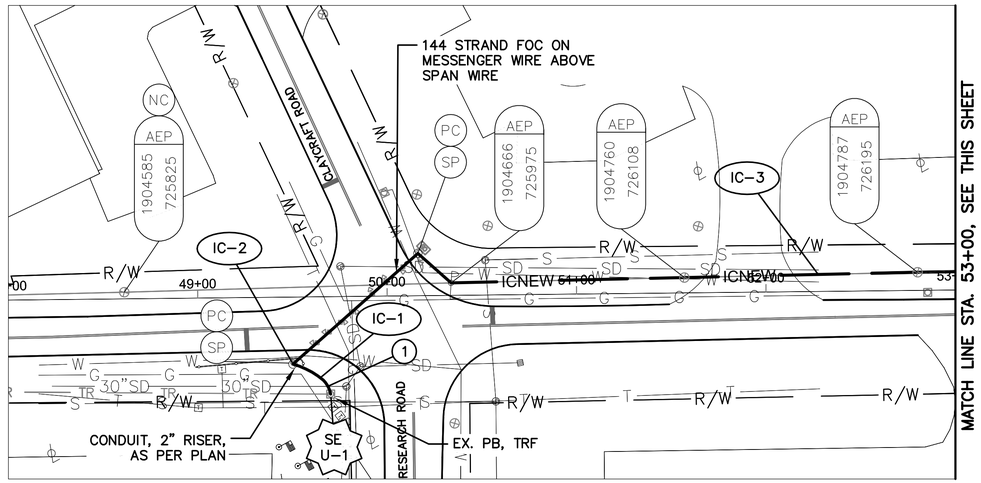
PID NUMBER
13034

INTERCONNECT PLAN
TAYLOR STATION RD BETWEEN STA. 1+35 AND 18+00

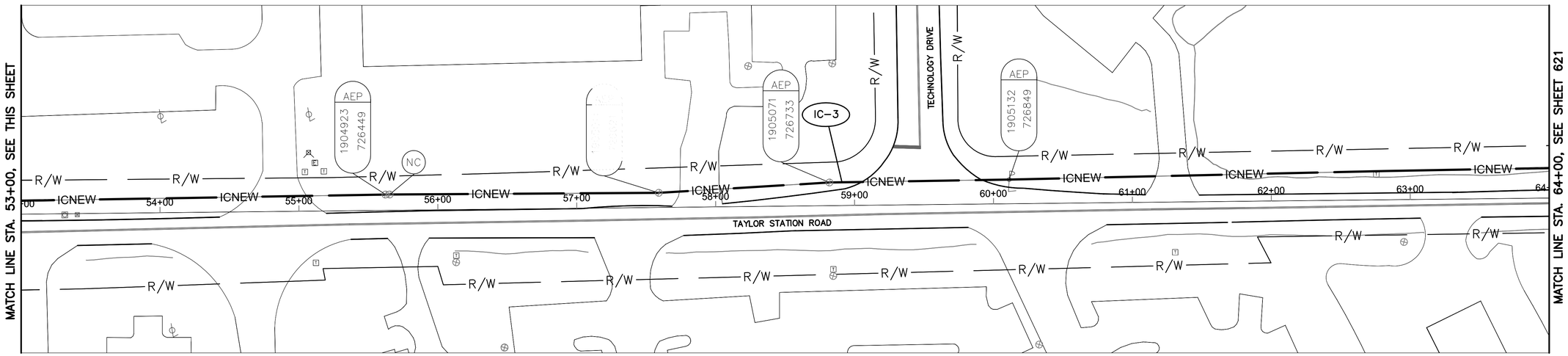
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

619
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_50_TaylorStation_Corridor.dwg – TS-1 layout ~ last saved by: CDI, sdlowry 06/26/2015 01:21pm ~ printed 07/01/2015 05:54pm



TAYLOR STATION RD BETWEEN STATION 48+00 AND 53+00



TAYLOR STATION RD BETWEEN STATION 53+00 AND 64+00

NOTES:

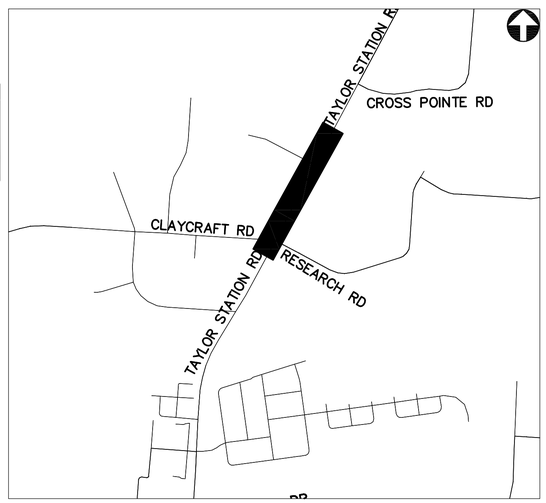
1. SEE SHEET 625 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 742 AND 1076 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 16.

CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☒ LIGHTING



KEY PLAN
NOT TO SCALE

REFER TO SHEET 374 FOR INTERCONNECT SHEET INDEX

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

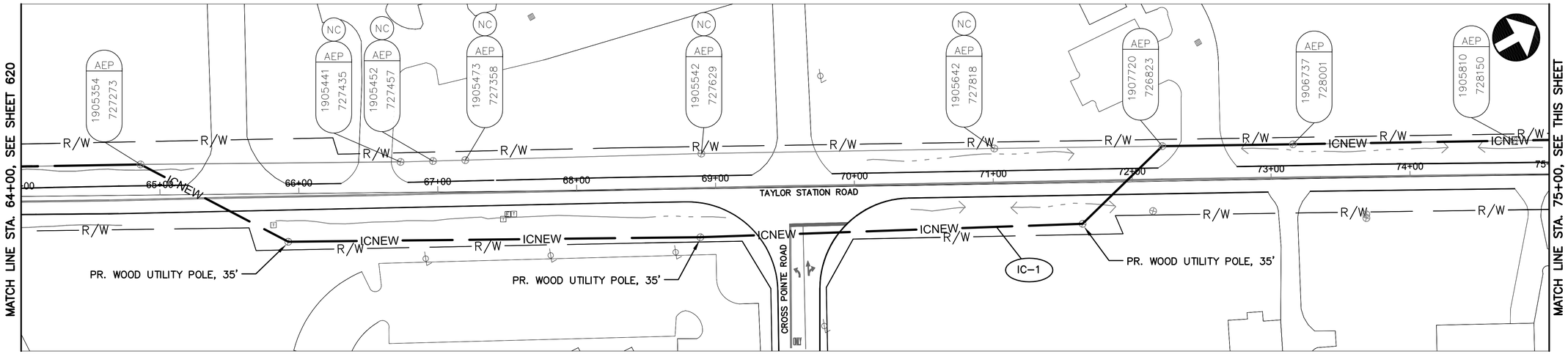
PID NUMBER 13034

INTERCONNECT PLAN
TAYLOR STATION RD BETWEEN STA. 48+00 AND 64+00

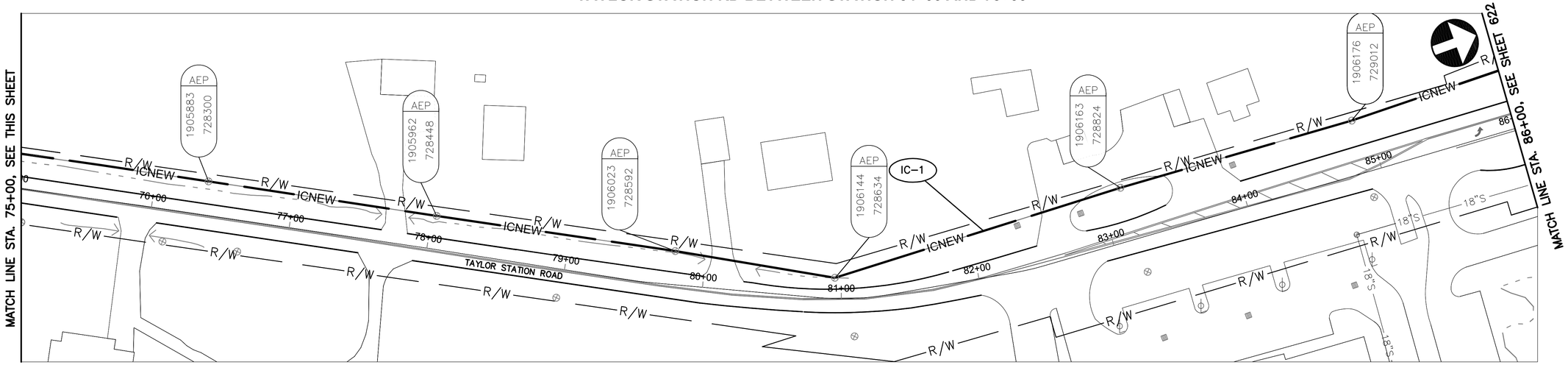
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

620
1107

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TAYLOR STATION RD BETWEEN STATION 64+00 AND 75+00



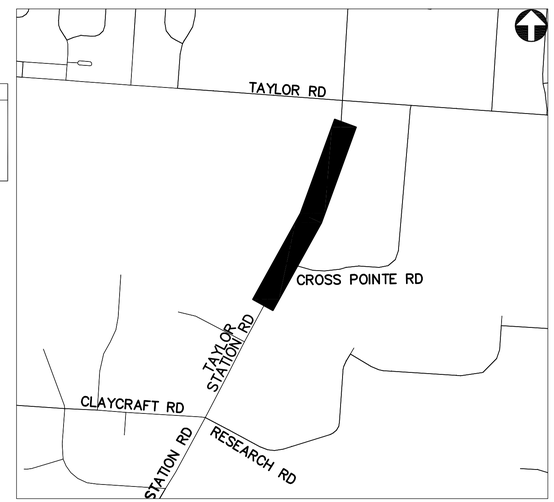
TAYLOR STATION RD BETWEEN STATION 75+00 AND 86+00

NOTES:

1. SEE SHEET 625 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 742 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
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CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 374 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

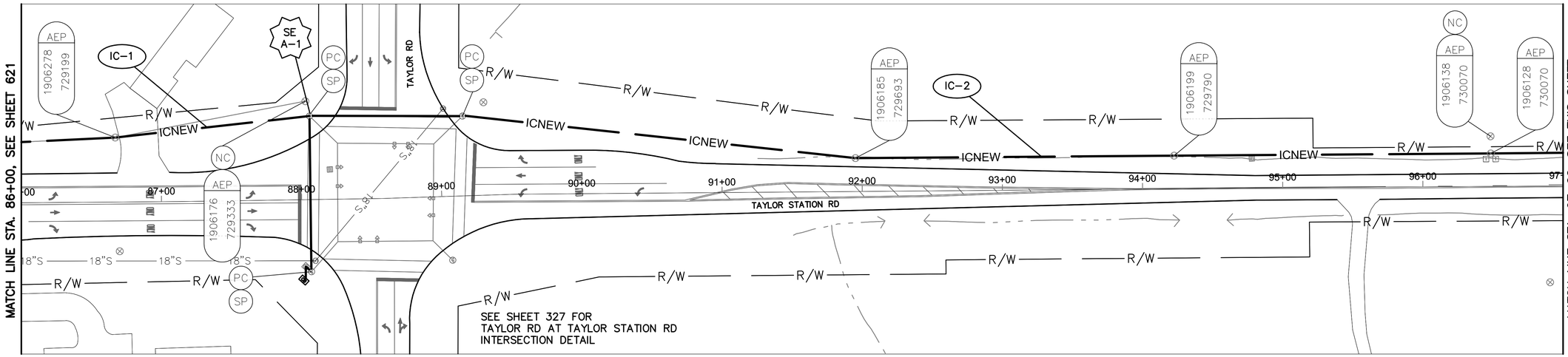
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INTERCONNECT PLAN
TAYLOR STATION RD BETWEEN STA. 64+00 AND 86+00

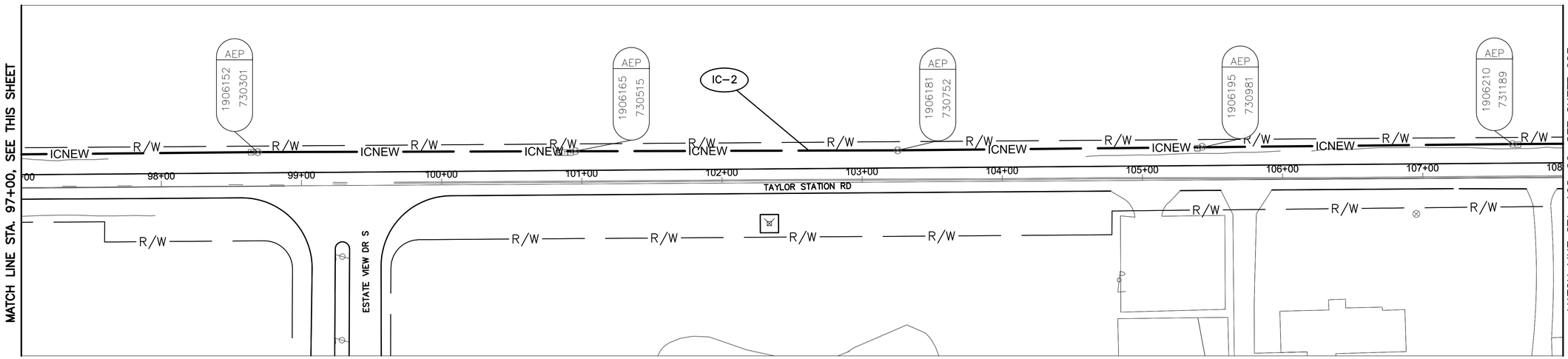
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

621
1107

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TAYLOR STATION RD BETWEEN STATION 86+00 AND 97+00



TAYLOR STATION RD BETWEEN STATION 97+00 AND 108+00

NOTES:

1. SEE SHEET 625 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 742 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 374 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

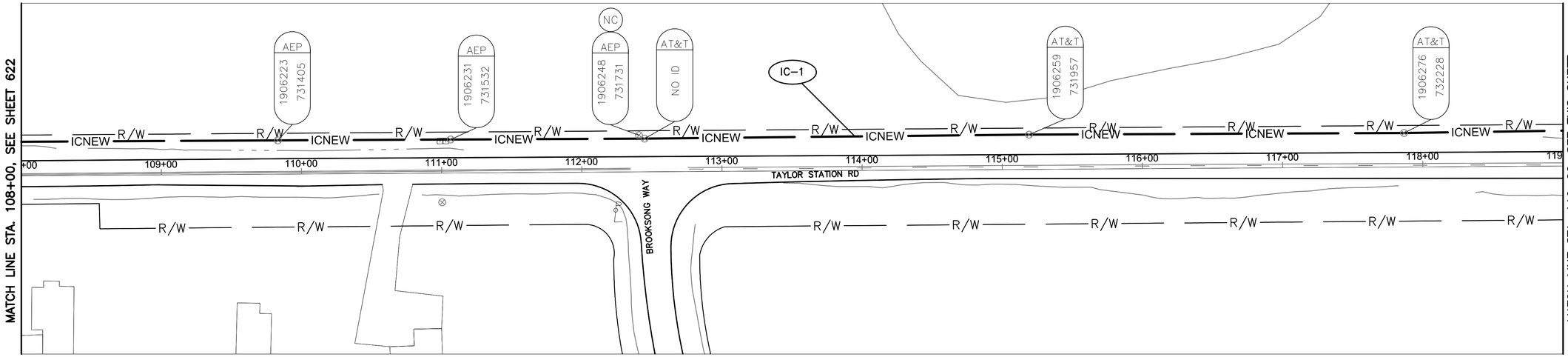
PID NUMBER 13034

INTERCONNECT PLAN
TAYLOR STATION RD BETWEEN STA. 86+00 AND 108+00

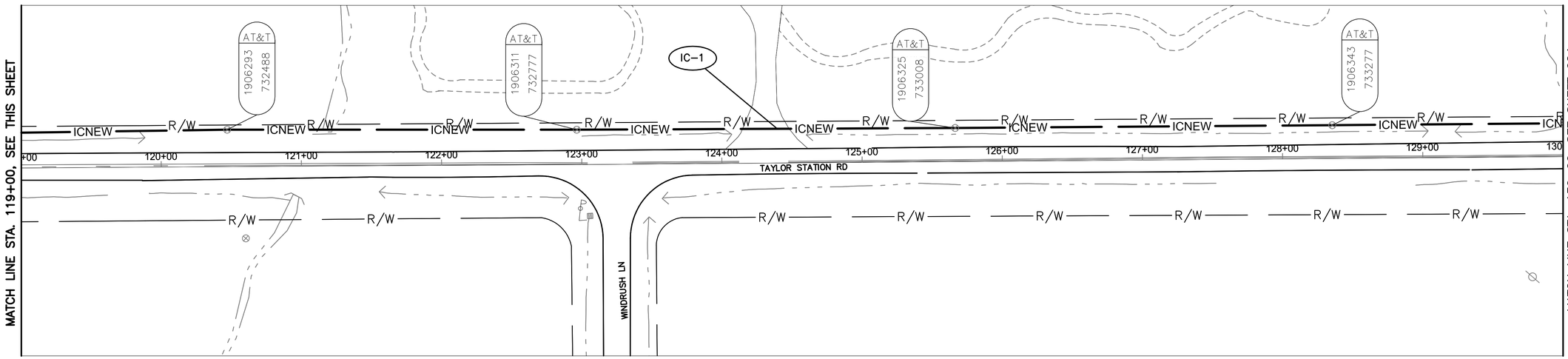
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

622
1107

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TAYLOR STATION RD BETWEEN STATION 108+00 AND 119+00



TAYLOR STATION RD BETWEEN STATION 119+00 AND 130+00

NOTES:

1. SEE SHEET 625 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 742 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 374 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

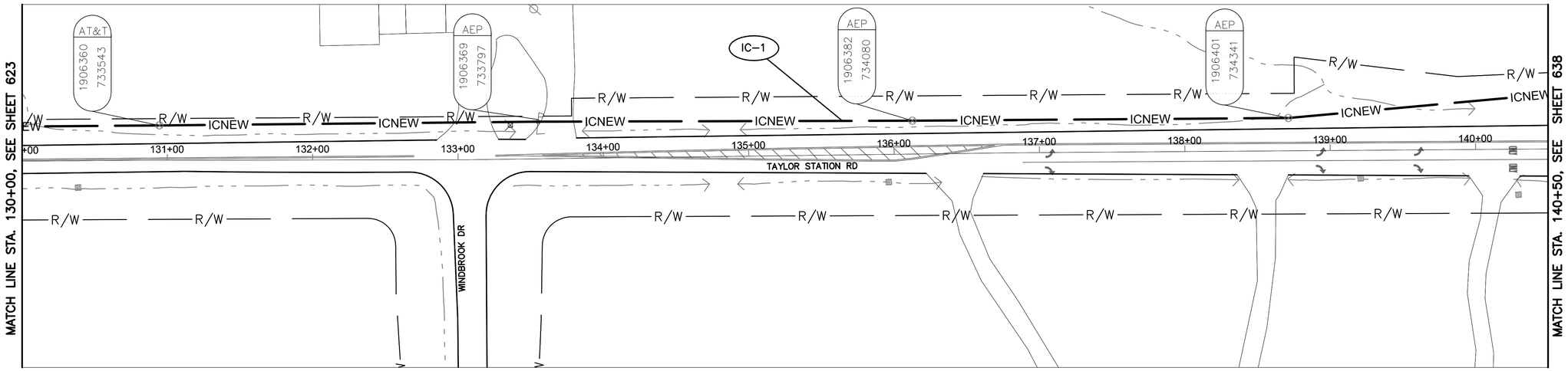
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INTERCONNECT PLAN
TAYLOR STATION RD BETWEEN STA. 108+00 AND 130+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

623
1107

J:\Jobs\47857\TECHPROD\Sheets\PM_50_TaylorStation_Corridor.dwg – TS-6 layout ~ last saved by: CCL, sdlowry 06/26/2015 01:21pm ~ printed 07/01/2015 05:57pm



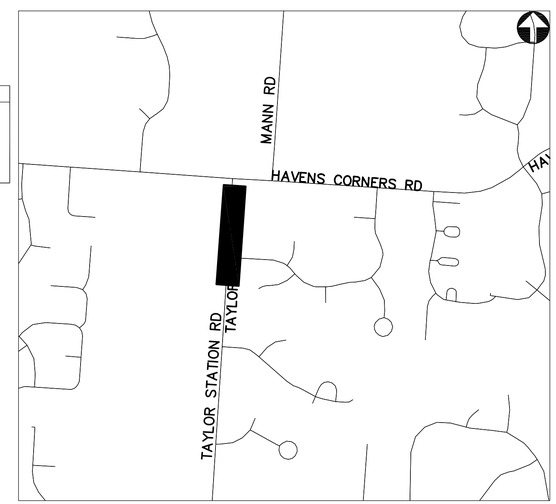
TAYLOR STATION RD BETWEEN STATION 130+00 AND 140+50

NOTES:

1. SEE SHEET 625 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 742 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 374 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

INTERCONNECT PLAN
TAYLOR STATION RD BETWEEN STA. 130+00 AND 140+50

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

624
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION		625 CONDUIT, CONCRETE ENCASED, 3", 725.05, AS PER PLAN	625 TRENCH, 36" DEEP, AS PER PLAN	632 MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES	633 INTERCONNECT, MISC.; OVERLASH TO EXISTING INTERCONNECT	804 FIBER OPTIC CABLE, MISC.; 144 STRAND CABLE	804 SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN	804 SPLICE ENCLOSURE: OVERHEAD, AS PER PLAN	FUSION SPLICE, AS PER PLAN *
			FROM	TO	FT	FT	FT	FT	FT	EACH	EACH	
TAYLOR STATION RD: STA 1+35 TO 18+00												
619	IC-1	TAYLOR STATION RD	1+35, 59' LT	11+45, 44' LT				1022	1022			
619	SE A-1	TAYLOR STATION RD	11+45, 44' LT						150		1	24
619	IC-2	TAYLOR STATION RD	11+45, 44' LT	15+73, 43' LT				428	428			
619	SE A-2	TAYLOR STATION RD	15+73, 43' LT						150		1	24
619			OVERHEAD SAG					22	22			
TAYLOR STATION RD: STA 48+00 TO 64+00												
620	SE U-1	TAYLOR STATION RD	49+70, 51' RT						75	1		6
620	IC-1	TAYLOR STATION RD	49+70, 51' RT	49+50, 35' RT	27	27			27			
620	IC-2	TAYLOR STATION RD	49+50, 35' RT						35			
620	IC-3	TAYLOR STATION RD	49+50, 35' RT	64+00, 22' LT			1479		1479			
620			OVERHEAD SAG				22		22			
TAYLOR STATION RD: STA 64+00 TO 86+00												
621	IC-1	TAYLOR STATION RD	64+00, 22' LT	86+00, 43' LT			2189		2189			
621			OVERHEAD SAG				33		33			
TAYLOR STATION RD: STA 86+00 TO 108+00												
622	IC-1	TAYLOR STATION RD	86+00, 43' LT	88+07, 60' LT			206		206			
622	SE A-1	TAYLOR STATION RD	88+07, 60' LT						150		1	24
622	IC-2	TAYLOR STATION RD	88+07, 60' LT	108+00, 24' LT			1996		1996			
622			OVERHEAD SAG				33		33			
TAYLOR STATION RD: STA 108+00 TO 130+00												
623	IC-1	TAYLOR STATION RD	108+00, 24' LT	130+00, 24' LT			2200		2200			
623			OVERHEAD SAG				33		33			
TAYLOR STATION RD: STA 130+00 TO 140+50												
624	IC-1	TAYLOR STATION RD	130+00, 24' LT	140+50, 38' LT			1050		1050			
624			OVERHEAD SAG				16		16			
			SHEET TOTAL		27	27	9257	1472	11316	1	3	78

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

2762 DR. E

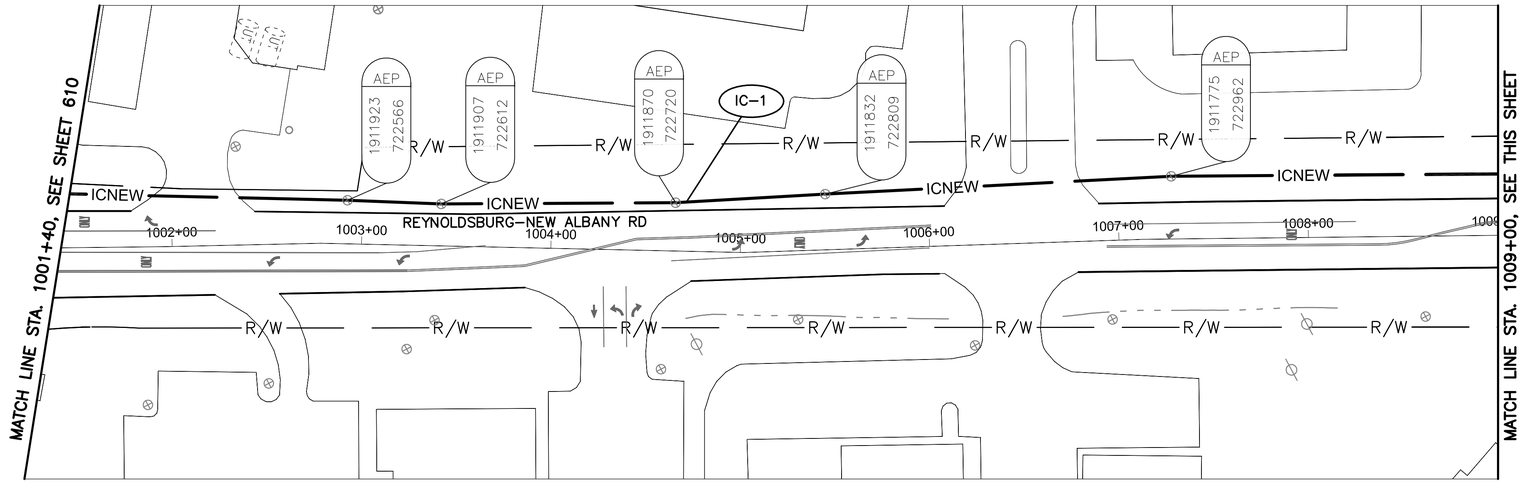
PID NUMBER 13034

INTERCONNECT QUANTITIES
TAYLOR STATION RD BETWEEN STA. 1+35 AND 140+50

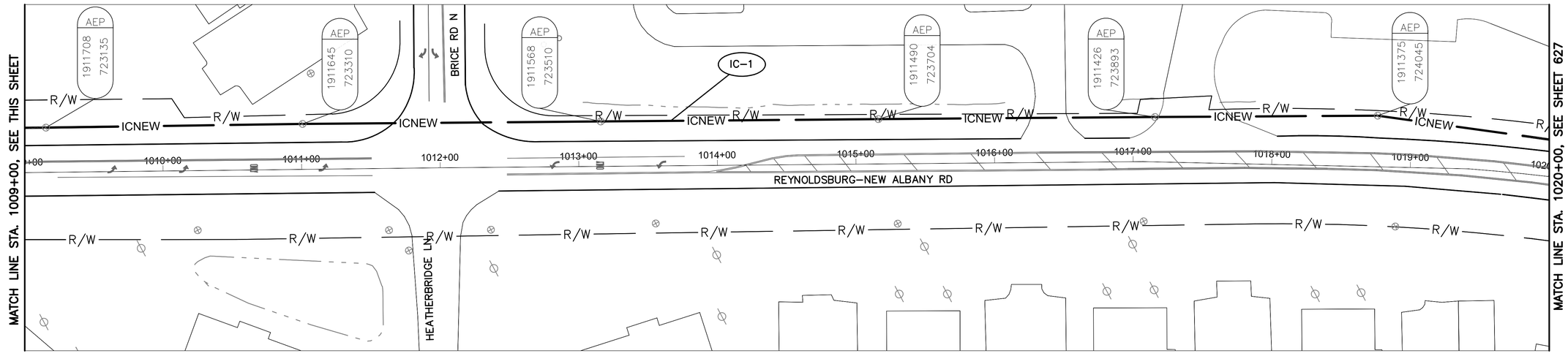
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

625
1107

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REYNOLDSBURG-NEW ALBANY RD BETWEEN STATION 1001+40 AND 1009+00



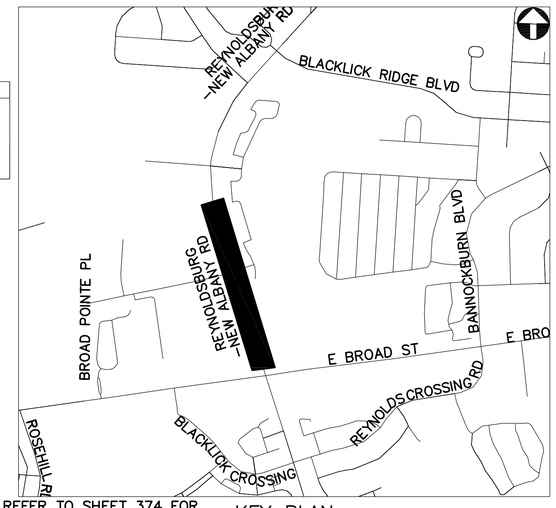
REYNOLDSBURG-NEW ALBANY RD
BETWEEN STATION 1009+00 AND 1020+00

NOTES:

1. SEE SHEET 634 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 737 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800–362–2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 374 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

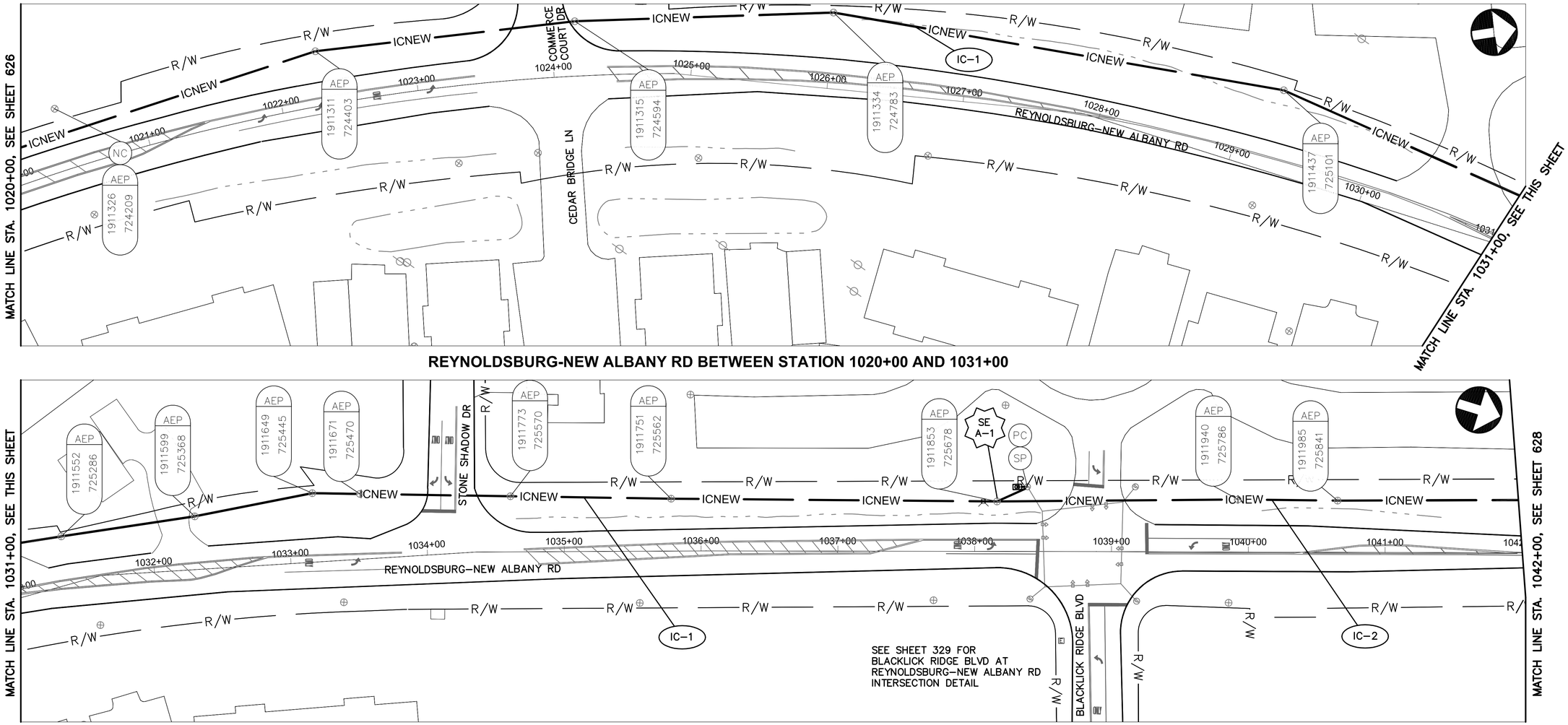
PID NUMBER 13034

INTERCONNECT PLAN
REYNOLDSBURG–NEW ALBANY RD BETWEEN STA. 1001+40 AND 1020+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

626
1107

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REYNOLDSBURG-NEW ALBANY RD BETWEEN STATION 1020+00 AND 1031+00

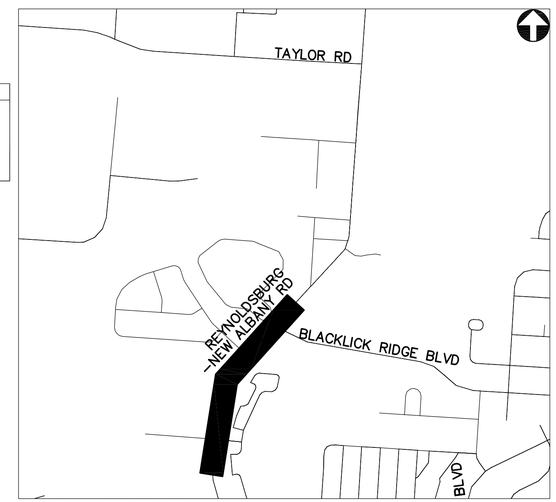
REYNOLDSBURG-NEW ALBANY RD BETWEEN STATION 1031+00 AND 1042+00

NOTES:

1. SEE SHEET 634 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 737 FOR COMMUNICATION DETAILS.

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CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 374 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

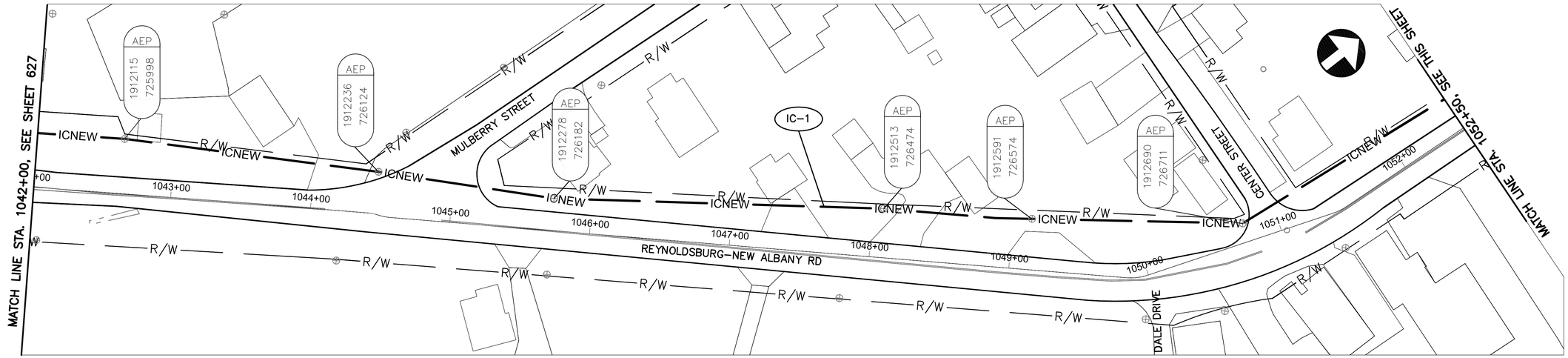
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INTERCONNECT PLAN
REYNOLDSBURG–NEW ALBANY RD BETWEEN STA. 1020+00 AND 1042+00

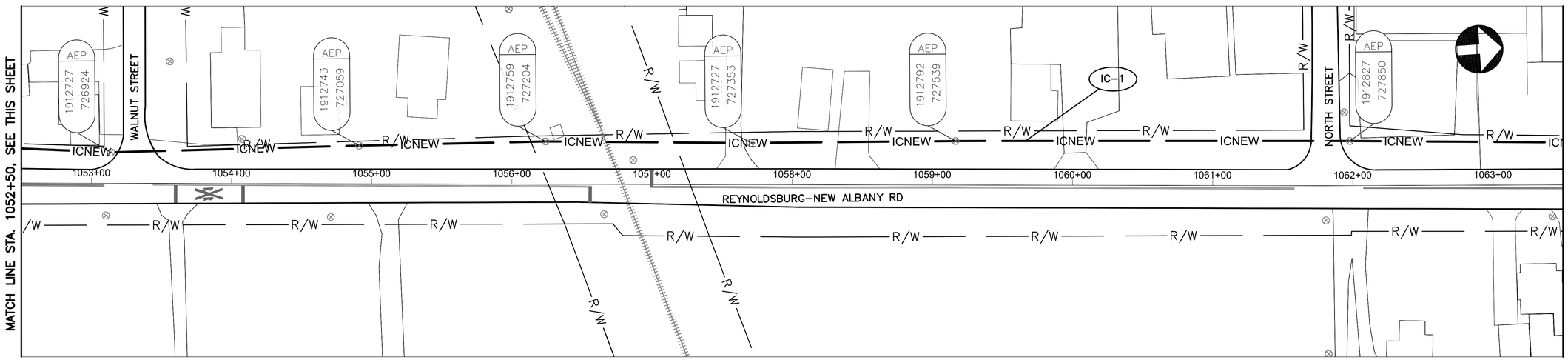
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

627
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_51_RNA_Corridor.dwg ~ RNA-2 layout ~ last saved by: CCL, sdlowry 06/26/2015 01:25pm ~ printed 07/01/2015 05:58pm



REYNOLDSBURG-NEW ALBANY RD BETWEEN STATION 1042+00 AND 1052+50



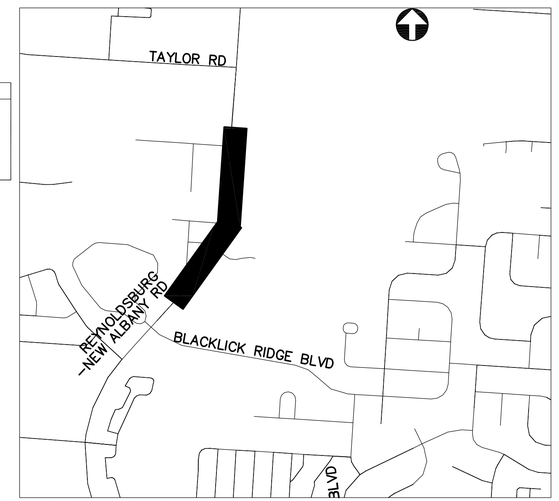
REYNOLDSBURG-NEW ALBANY RD BETWEEN STATION 1052+50 AND 1063+50

NOTES:

1. SEE SHEET 634 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 737 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 374 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

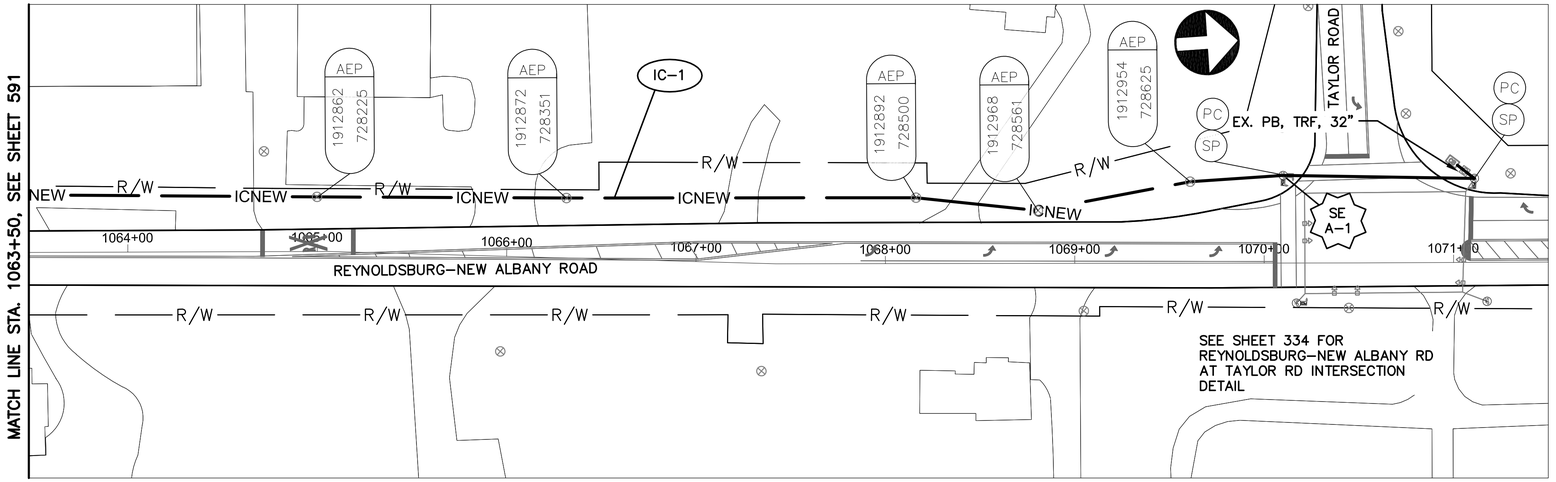
PID NUMBER 13034

INTERCONNECT PLAN
REYNOLDSBURG–NEW ALBANY RD BETWEEN STA. 1042+00 AND 1063+50

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

628
1107

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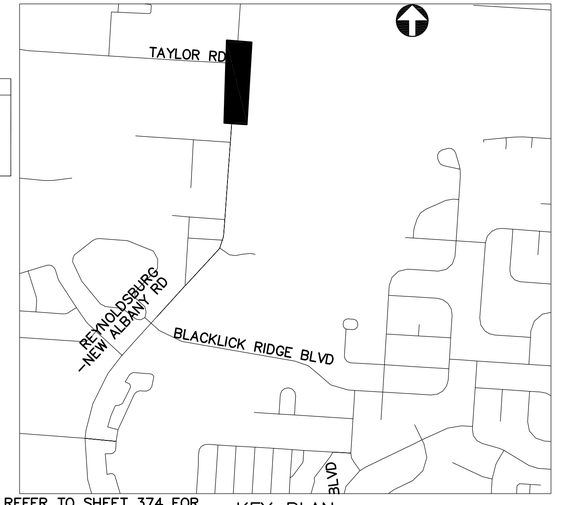
REYNOLDSBURG-NEW ALBANY RD BETWEEN STATION 1063+50 AND 1071+50

NOTES:

1. SEE SHEET 634 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 737 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
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CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 374 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

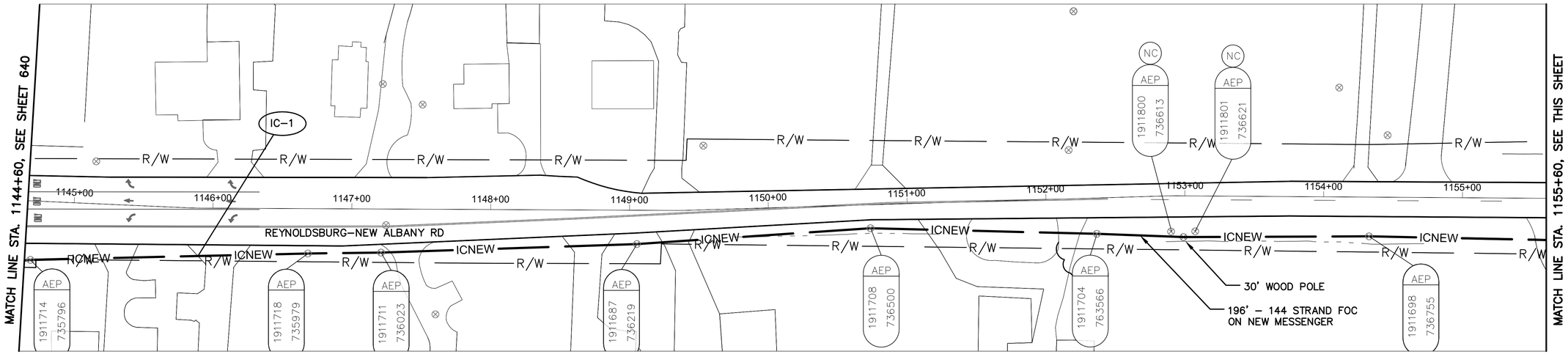
PID NUMBER 13034

INTERCONNECT PLAN
REYNOLDSBURG-NEW ALBANY RD BETWEEN STA. 1063+50 AND 1071+50

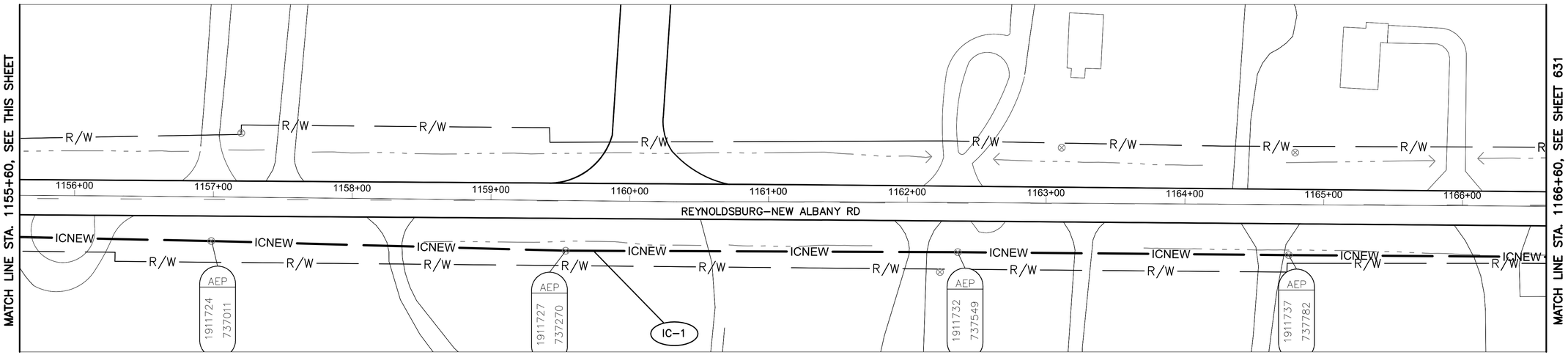
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

629
1107

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REYNOLDSBURG-NEW ALBANY RD BETWEEN STATION 1144+60 AND 1155+60



REYNOLDSBURG-NEW ALBANY RD BETWEEN STATION 1155+60 AND 1166+60

NOTES:

1. SEE SHEET 634 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 742 FOR COMMUNICATION DETAILS.

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CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 374 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

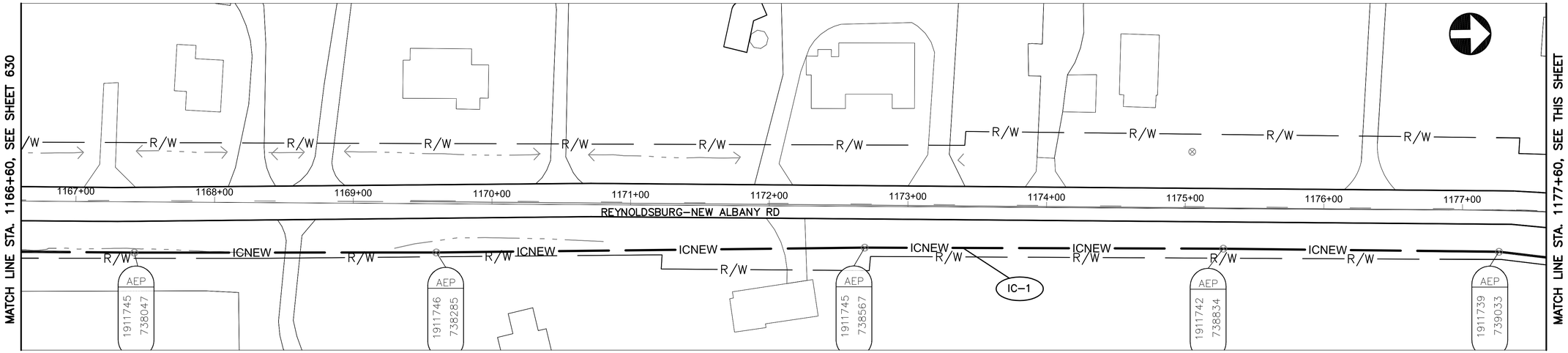
PID NUMBER 13034

INTERCONNECT PLAN
REYNOLDSBURG–NEW ALBANY RD BETWEEN STA. 1144+60 AND 1166+60

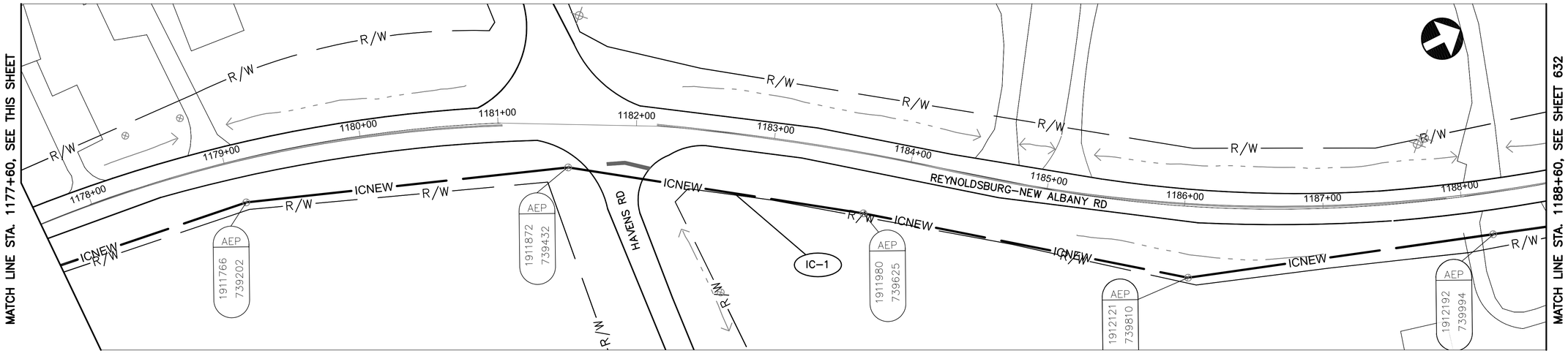
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

630
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_51_RNA_Corridor.dwg – RNA–5 layout ~ last saved by: COI, sdlowry 06/26/2015 01:25pm ~ printed 07/01/2015 06:00pm



REYNOLDSBURG-NEW ALBANY RD BETWEEN STATION 1166+60 AND 1177+60



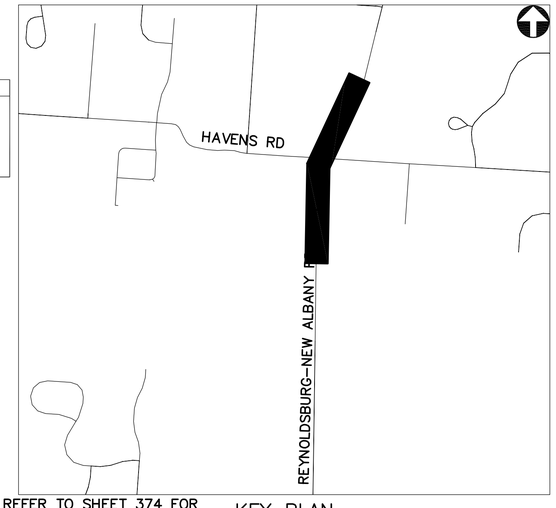
REYNOLDSBURG-NEW ALBANY RD BETWEEN STATION 1177+60 AND 1188+60

NOTES:

1. SEE SHEET 634 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 742 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 374 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

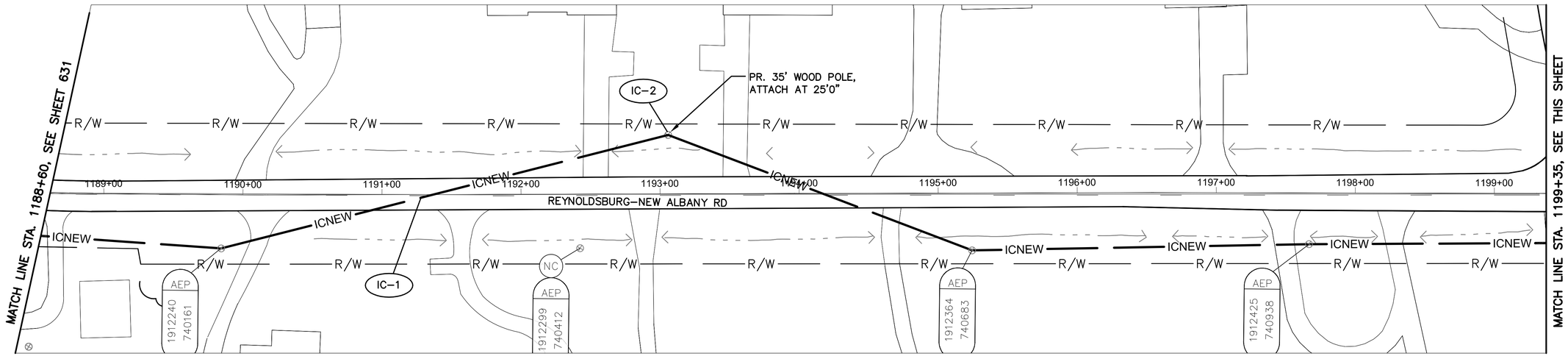
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INTERCONNECT PLAN
REYNOLDSBURG–NEW ALBANY RD BETWEEN STA. 1166+60 AND 1188+60

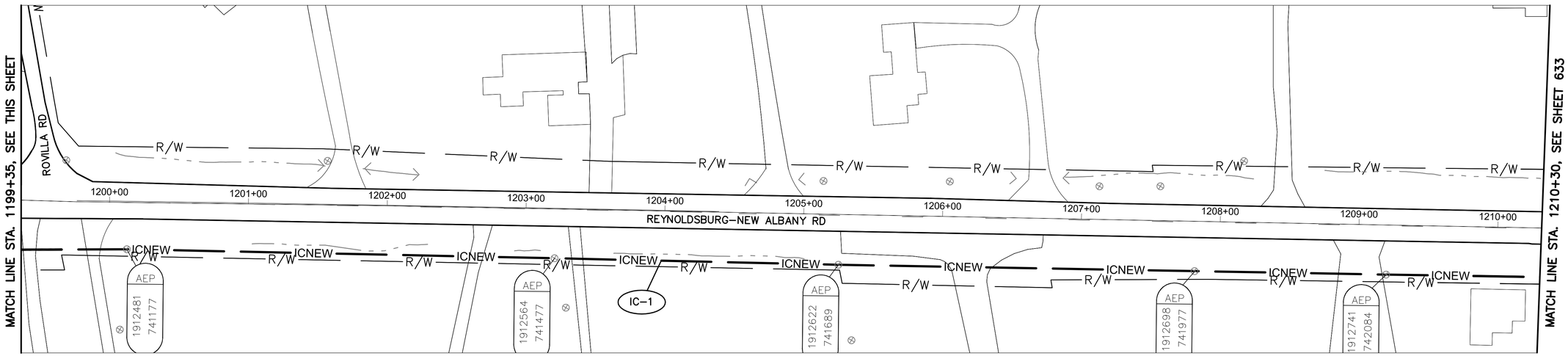
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

631
1107

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REYNOLDSBURG-NEW ALBANY RD BETWEEN STATION 1188+60 AND 1199+35



REYNOLDSBURG-NEW ALBANY RD BETWEEN STATION 1199+35 AND 1210+30

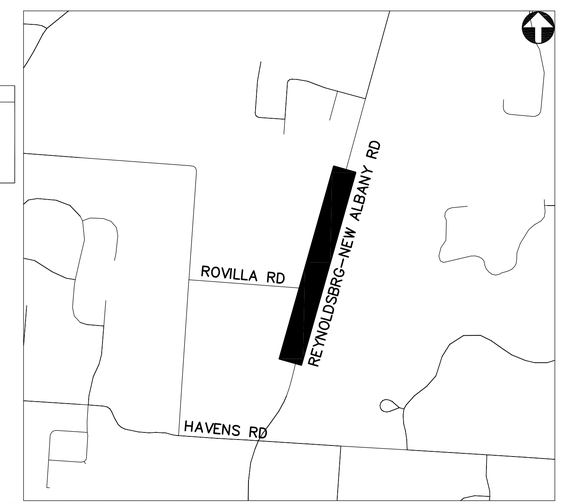
NOTES:

1. SEE SHEET 634 FOR INTERCONNECT QUANTITIES.

2. SEE SHEET 742 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 374 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

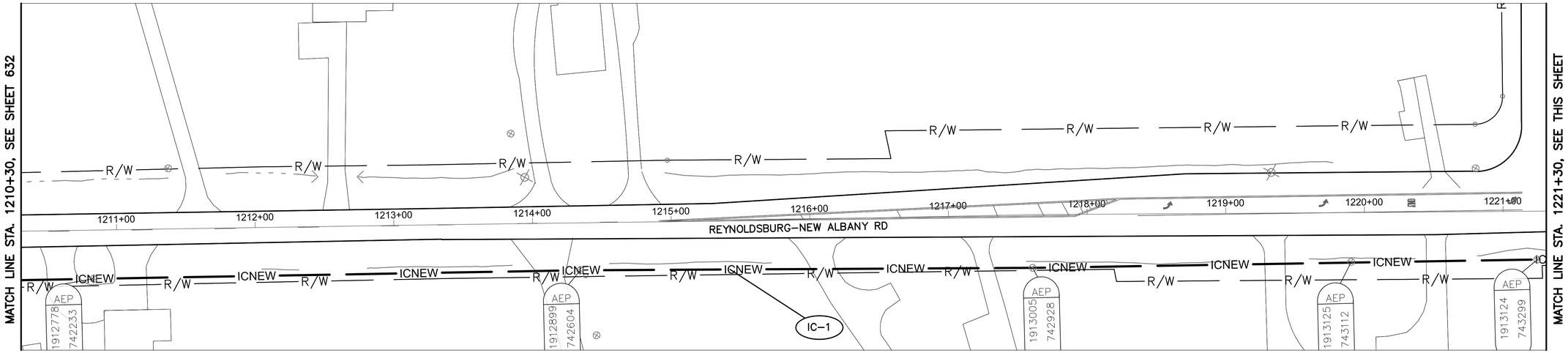
PID NUMBER 13034

INTERCONNECT PLAN
REYNOLDSBURG-NEW ALBANY RD BETWEEN STA. 1188+60 AND 1210+30

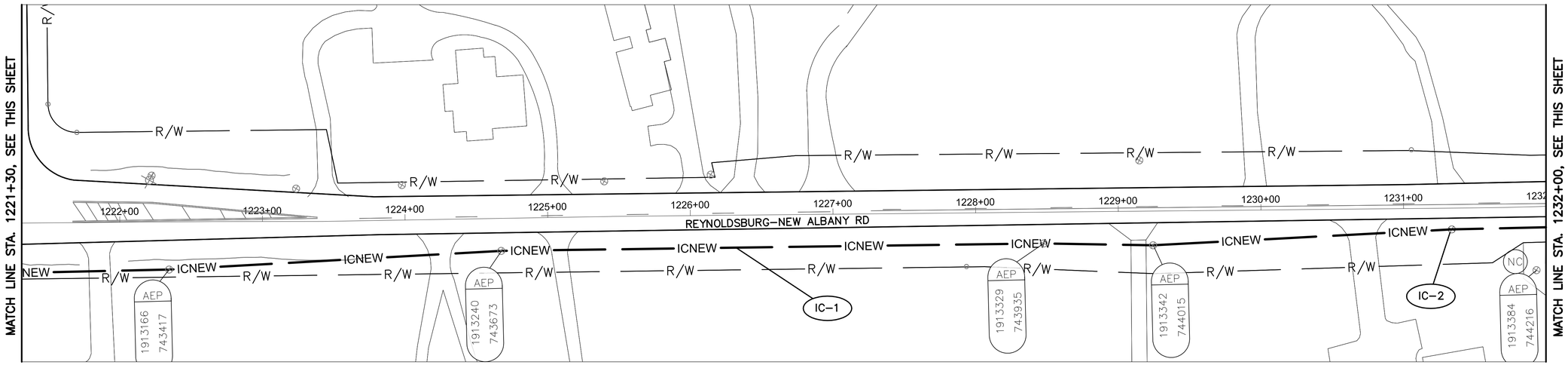
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

632
1107

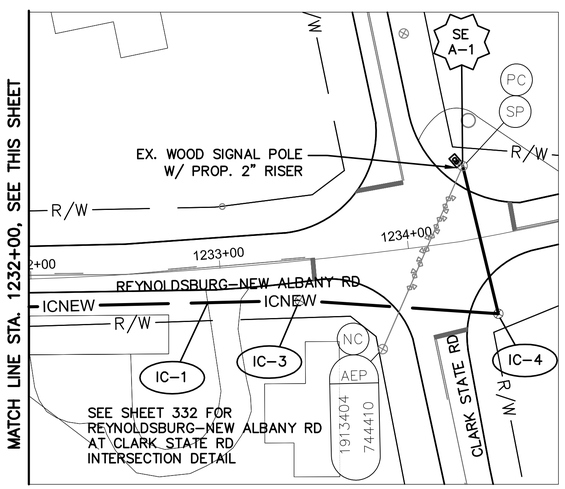
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REYNOLDSBURG-NEW ALBANY RD BETWEEN STATION 1210+30 AND 1221+30



REYNOLDSBURG-NEW ALBANY RD BETWEEN STATION 1221+30 AND 1232+00



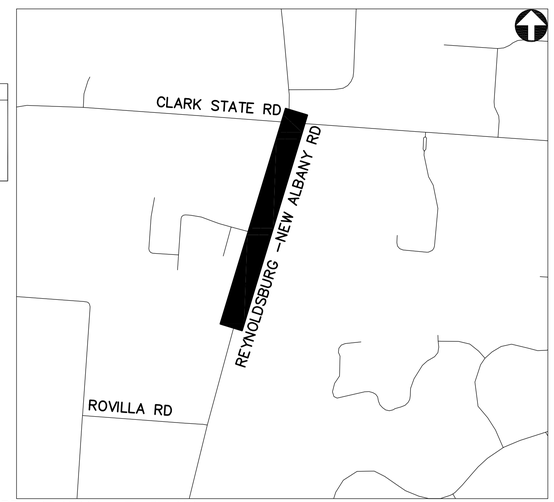
REYNOLDSBURG-NEW ALBANY RD BETWEEN STATION 1232+00 AND 1234+80

NOTES:

1. SEE SHEET 634 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 742 FOR COMMUNICATION DETAILS.

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- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 374 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

INTERCONNECT PLAN
REYNOLDSBURG–NEW ALBANY RD BETWEEN STA. 1210+30 AND 1234+80

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

633
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION		632 MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES	632 WOOD POLE	804 FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE	804 SPLICE ENCLOSURE: OVERHEAD, AS PER PLAN	FUSION SPLICE, AS PER PLAN *															
			FROM	TO	FT	EACH	FT	EACH																	
REYNOLDSBURG-NEW ALBANY RD: STA 1001+40 TO 1020+00																								
626	IC-1	REYNOLDSBURG-NEW ALBANY RD	1001+40, 28' LT	1020+00, 27' LT	1854		1854																	
626			OVERHEAD SAG		28		28																	
REYNOLDSBURG-NEW ALBANY RD: STA 1020+00 TO 1042+00																								
627	IC-1	REYNOLDSBURG-NEW ALBANY RD	1020+00, 27' LT	1038+16, 37' LT	1845		1845																	
627	SE A-1	REYNOLDSBURG-NEW ALBANY RD	1038+16, 37' LT				150	1	24															
627	IC-2	REYNOLDSBURG-NEW ALBANY RD	1038+16, 37' LT	1042+00, 38' LT	380		380																	
627			OVERHEAD SAG		33		33																	
REYNOLDSBURG-NEW ALBANY RD: STA 1042+00 TO 1063+50																								
628	IC-1	REYNOLDSBURG-NEW ALBANY RD	1042+00, 38' LT	1063+50, 30' LT	2130		2130																	
628			OVERHEAD SAG		32		32																	
REYNOLDSBURG-NEW ALBANY RD: STA 1063+50 TO 1071+50																								
629	IC-1	REYNOLDSBURG-NEW ALBANY RD	1063+50, 30' LT	1070+10, 46' LT	664		664																	
629	SE U-1	REYNOLDSBURG-NEW ALBANY RD	1070+10, 46' LT				75	1	12															
629			OVERHEAD SAG		10		10																	
REYNOLDSBURG-NEW ALBANY RD: STA 1144+60 TO 1166+60																								
630	IC-1	REYNOLDSBURG-NEW ALBANY RD	1144+60, 43' RT	1166+60, 37' RT	2200		2200																	
630			OVERHEAD SAG		33		33																	
REYNOLDSBURG-NEW ALBANY RD: STA 1166+60 TO 1188+60																								
631	IC-1	REYNOLDSBURG-NEW ALBANY RD	1166+60, 37' RT	1188+60, 31' RT	2242		2242																	
631			OVERHEAD SAG		34		34																	
REYNOLDSBURG-NEW ALBANY RD: STA 1188+60 TO 1210+30																								
632	IC-1	REYNOLDSBURG-NEW ALBANY RD	1188+60, 31' RT	1210+30, 35' RT	2199		2199																	
632	IC-2	REYNOLDSBURG-NEW ALBANY RD	1193+06, 42' LT			1																		
632			OVERHEAD SAG		33		33																	
REYNOLDSBURG-NEW ALBANY RD: STA 1210+30 TO 1234+80																								
633	IC-1	REYNOLDSBURG-NEW ALBANY RD	1210+30, 35' RT	1234+36, 39' LT	2500		2500																	
633	SE A-1	REYNOLDSBURG-NEW ALBANY RD	1234+36, 39' LT				75	1	12															
633	IC-2	REYNOLDSBURG-NEW ALBANY RD	1231+34, 15' RT			1																		
633	IC-3	REYNOLDSBURG-NEW ALBANY RD	1233+40, 21' RT			1																		
633	IC-4	REYNOLDSBURG-NEW ALBANY RD	1234+40, 41' RT			1																		
633			OVERHEAD SAG		38		38																	
			SHEET TOTAL		16255	4	16555	3	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

2762 DR. E

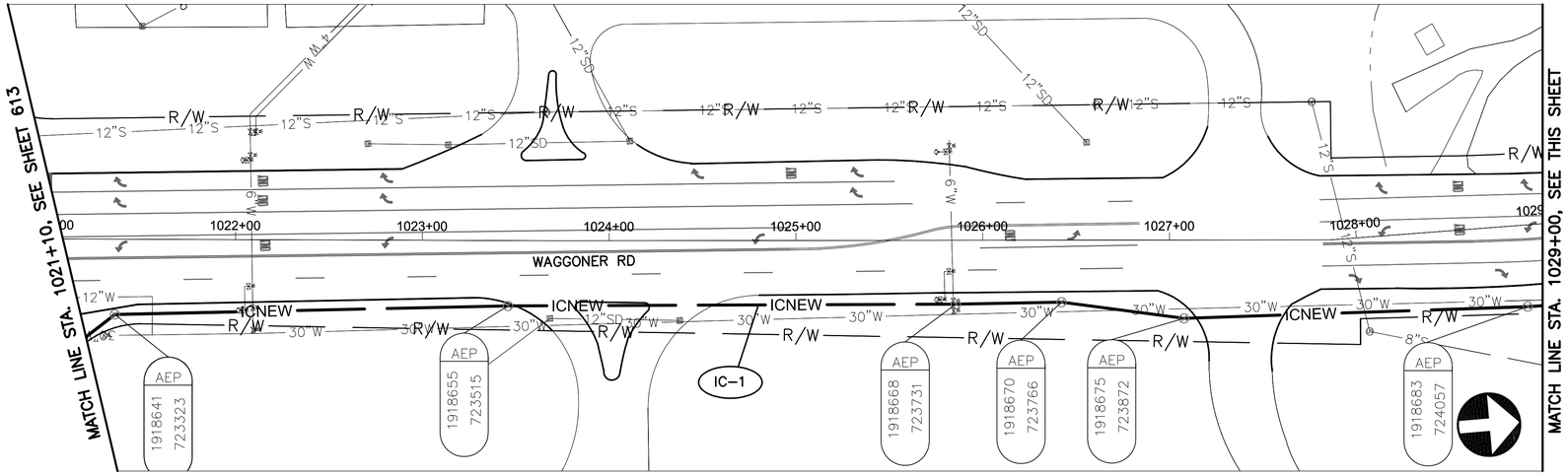
PID NUMBER 13034

INTERCONNECT QUANTITIES – REYNOLDSBURG–NEW ALBANY RD
BETWEEN STA. 1001+40 AND 1071+50 & 1144+60 AND 1234+80

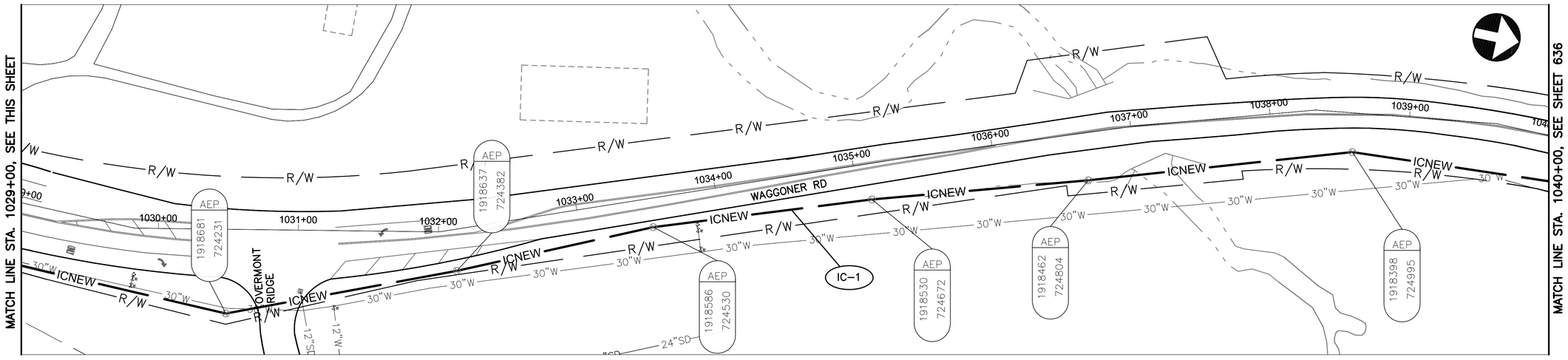
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

634
1107

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WAGGONER RD BETWEEN STATION 1021+10 AND 1029+00



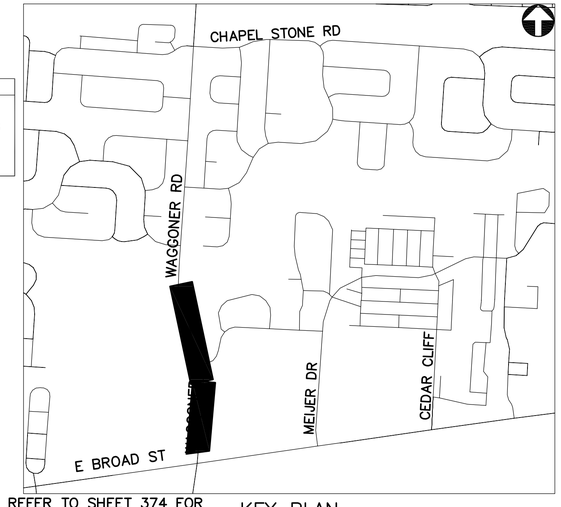
WAGGONER RD BETWEEN STATION 1029+00 AND 1040+00

NOTES:

1. SEE SHEET 637 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 742 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
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- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 374 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

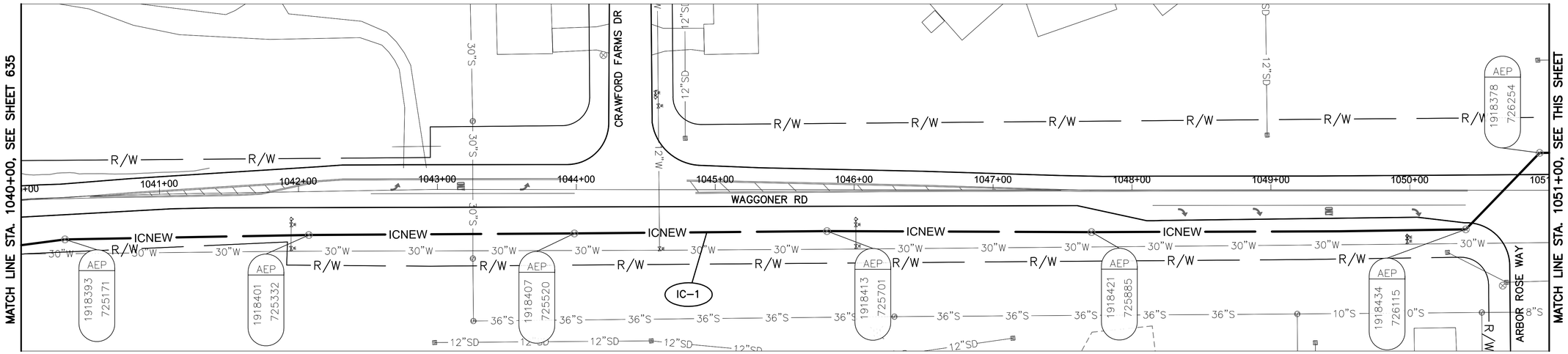
PID NUMBER 13034

INTERCONNECT PLAN
WAGGONER RD BETWEEN STA. 1021+10 AND 1040+00

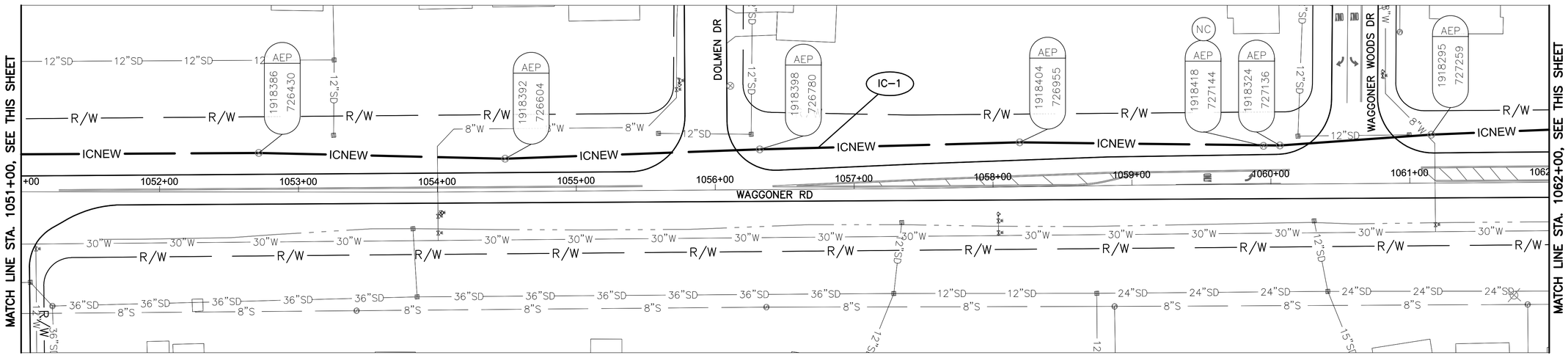
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

635
1107

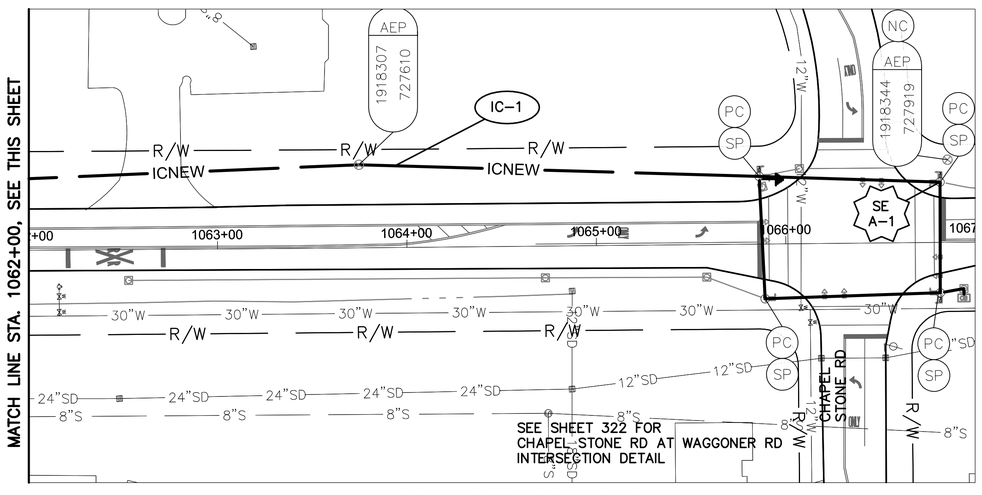
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WAGGONER RD BETWEEN STATION 1040+00 AND 1051+00



WAGGONER RD BETWEEN STATION 1051+00 AND 1062+00



WAGGONER RD BETWEEN STATION 1062+00 AND 1067+00

NOTES:

1. SEE SHEET 637 FOR INTERCONNECT QUANTITIES.
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CITY OF COLUMBUS UTILITY LEGEND
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- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 374 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

INTERCONNECT PLAN
WAGGONER RD BETWEEN STA. 1040+00 AND 1067+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

636
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION FROM	STATION TO	632 MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES	804 FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE	804 SPLICE ENCLOSURE: OVERHEAD, AS PER PLAN	FUSION SPLICE, AS PER PLAN *																	
					FT	FT	EACH																		
WAGGONER RD: STA 1021+10 TO 1040+00																									
635	IC-1	WAGGONER RD	1021+10, 53' LT	1040+00, 32' RT	1916	1916																			
635			OVERHEAD SAG		29	29																			
WAGGONER RD: STA 1040+00 TO 1067+00																									
636	IC-1	WAGGONER RD	1040+00, 32' RT	1066+82, 32' LT	2704	2704																			
636	SE A-1	WAGGONER RD	1066+82, 32' LT			75	1	12																	
636			OVERHEAD SAG		41	41																			
			SHEET TOTAL		4690	4765	1	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

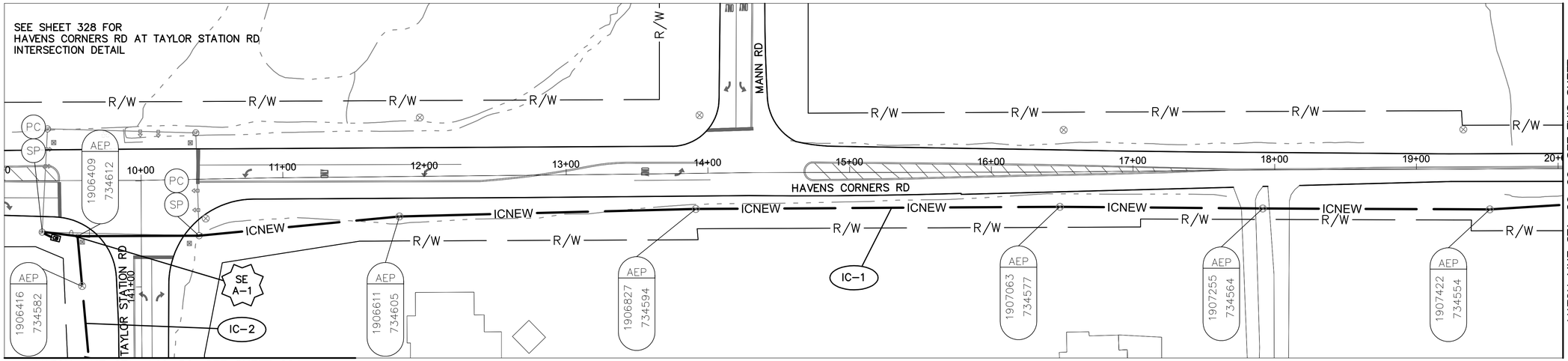
2762 DR. E

PID NUMBER 13034

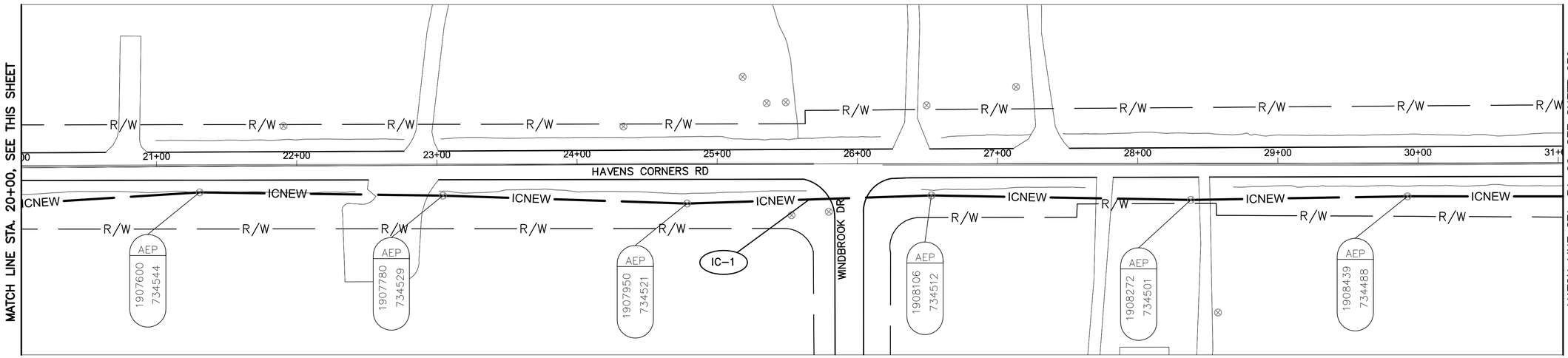
INTERCONNECT QUANTITIES
WAGGONER RD BETWEEN STA. 1021+10 AND 1067+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

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HAVENS CORNERS RD BETWEEN STATION 9+00 AND 20+00



HAVENS CORNERS RD BETWEEN STATION 20+00 AND 31+00

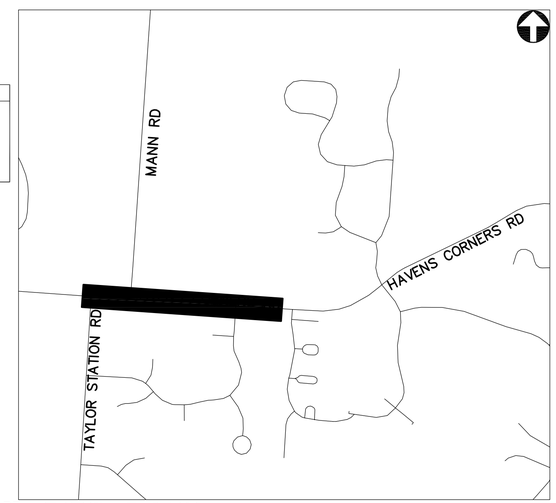
NOTES:

1. SEE SHEET 644 FOR INTERCONNECT QUANTITIES.

2. SEE SHEET 742 FOR COMMUNICATION DETAILS.

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- ☐ WATER
- ☐ POWER
- ☒ LIGHTING



REFER TO SHEET 374 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

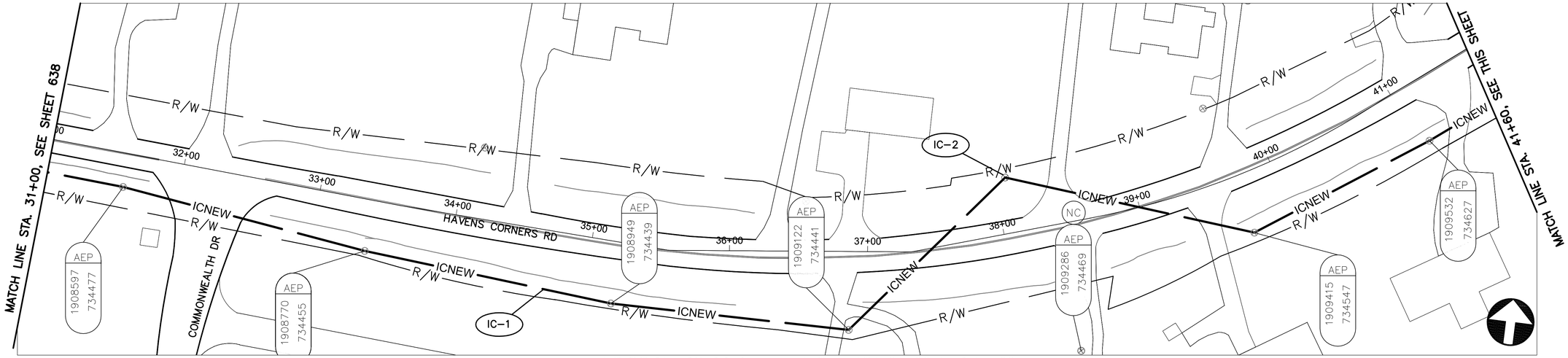
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INTERCONNECT PLAN
HAVENS CORNERS RD BETWEEN STA. 9+00 AND 31+00

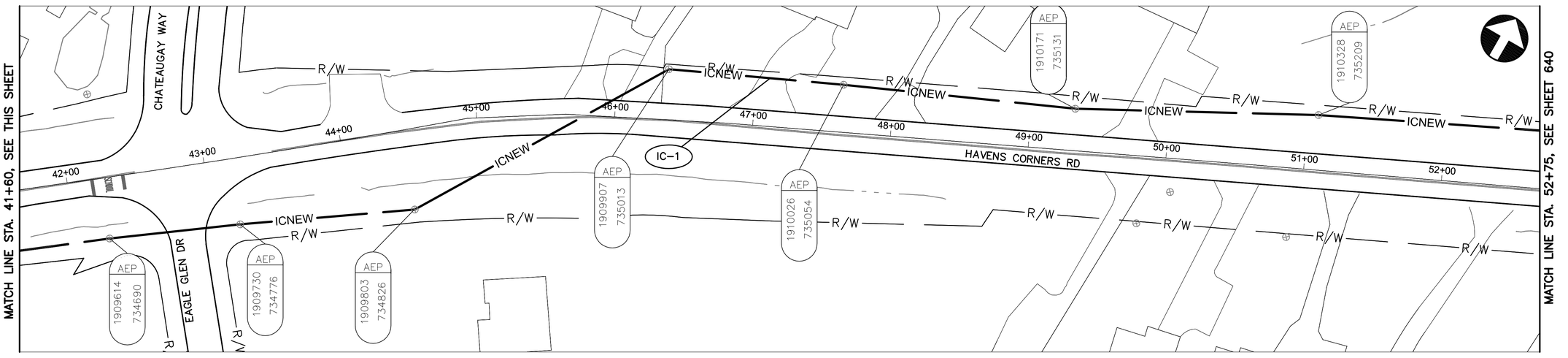
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

638
1107

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HAVENS CORNERS RD BETWEEN STATION 31+00 AND 41+60



HAVENS CORNERS RD BETWEEN STATION 41+60 AND 52+75

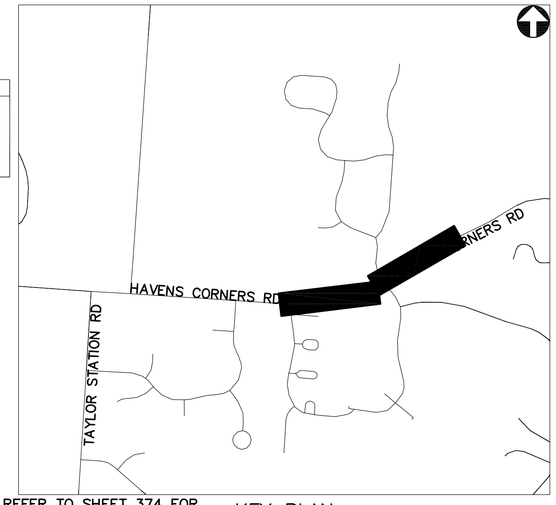
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- ☐ WATER
- ☒ POWER
- ☐ LIGHTING



REFER TO SHEET 374 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

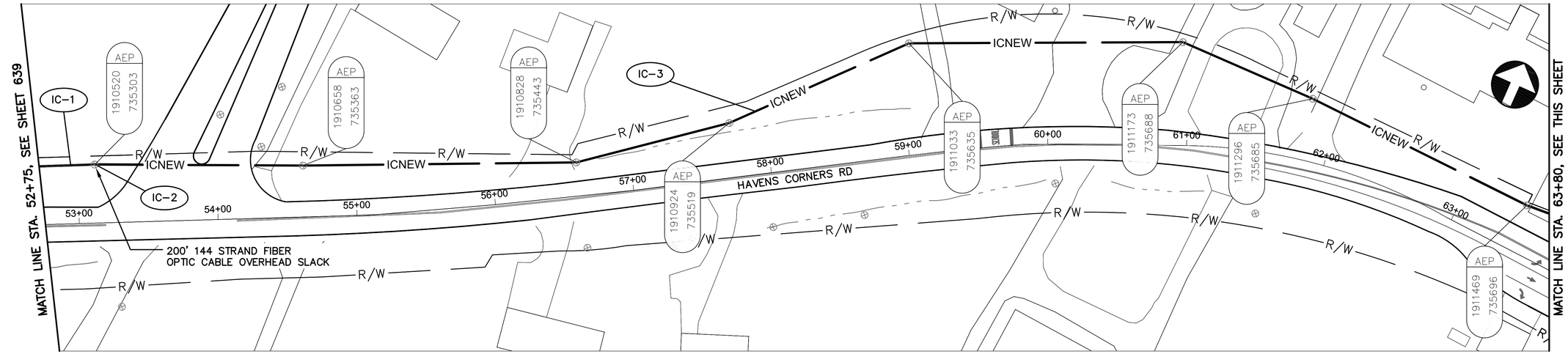
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INTERCONNECT PLAN
HAVENS CORNERS RD BETWEEN STA. 31+00 AND 52+75

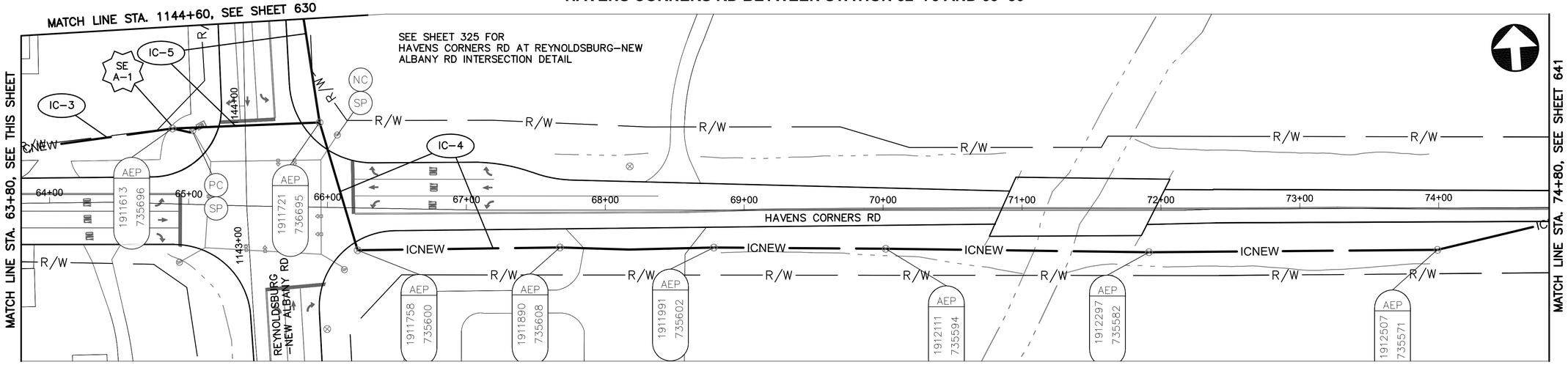
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

639
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_53_HavensCorners_Corridor.dwg ~ HC-2 layout ~ last saved by: COL, rlrapp 09/16/2014 05:13pm ~ printed 07/01/2015 06:05pm



HAVENS CORNERS RD BETWEEN STATION 52+75 AND 63+80



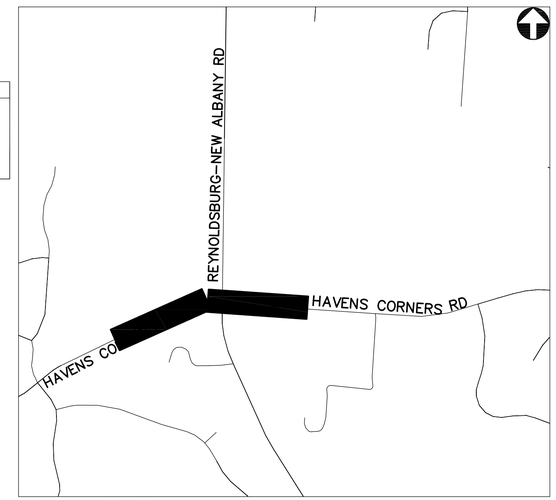
HAVENS CORNERS RD BETWEEN STATION 63+80 AND 74+80

NOTES:

1. SEE SHEET 644 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 742 FOR COMMUNICATION DETAILS.

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CALL TOLL FREE 800–362–2764
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CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☒ POWER
- ☐ LIGHTING



REFER TO SHEET 374 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

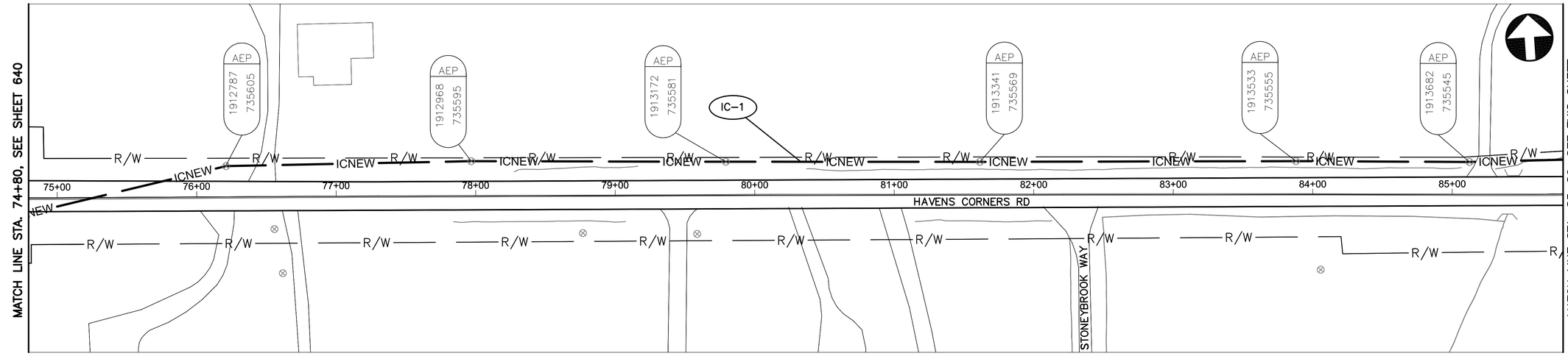
PID NUMBER 13034

INTERCONNECT PLAN
HAVENS CORNERS RD BETWEEN STA. 52+75 AND 74+80

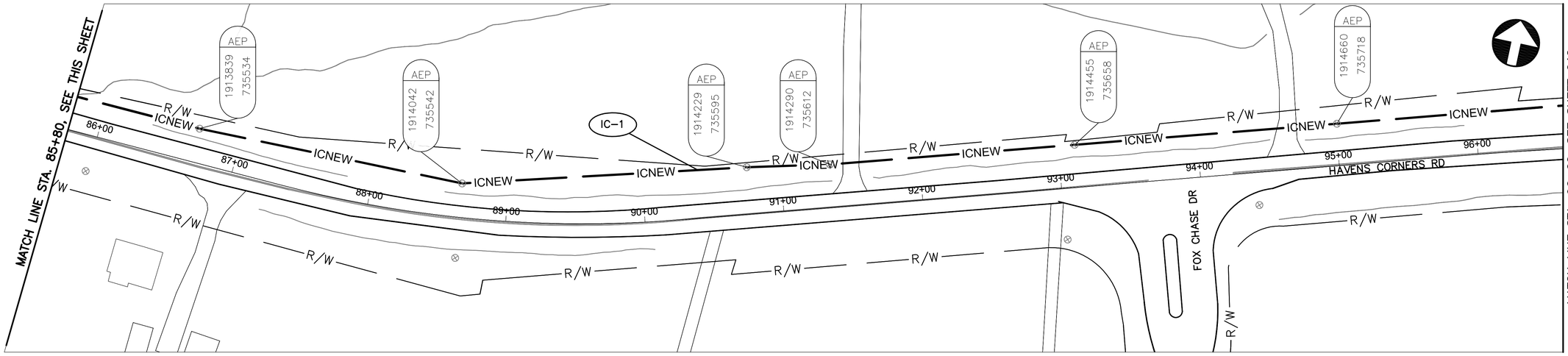
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

640
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_53_HavensCorners_Corridor.dwg – HC-3 layout – last saved by: CCI, rfrapp 09/16/2014 05:13pm – printed 07/01/2015 06:05pm



HAVENS CORNERS RD BETWEEN STATION 74+80 AND 85+80



HAVENS CORNERS RD BETWEEN STATION 85+80 AND 96+60

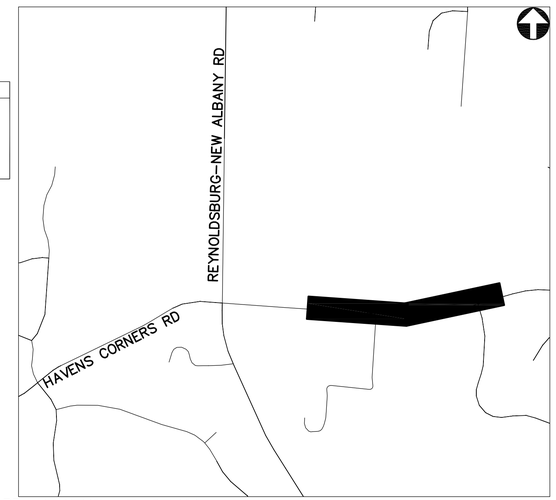
NOTES:

1. SEE SHEET 644 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 742 FOR COMMUNICATION DETAILS.

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CITY OF COLUMBUS UTILITY LEGEND

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- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 374 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

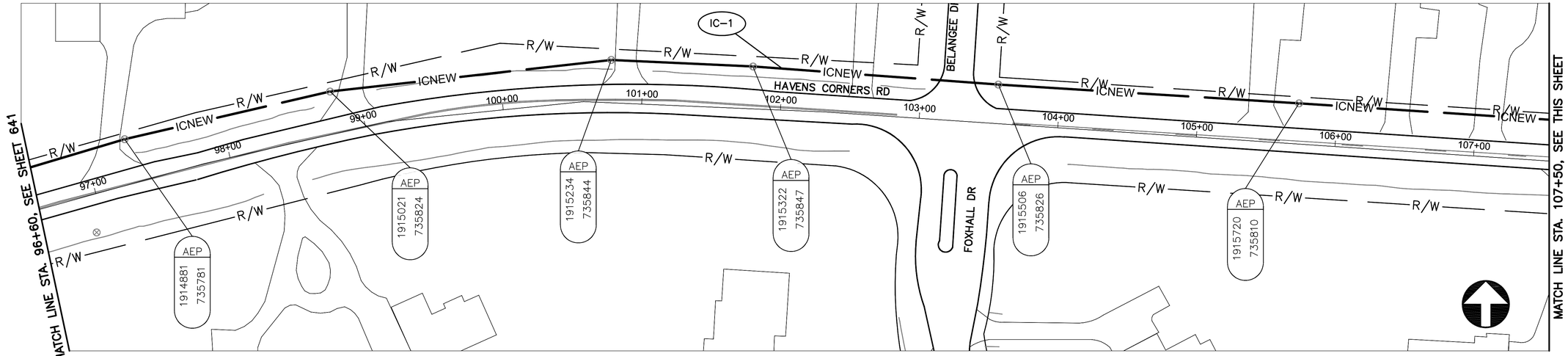
PID NUMBER 13034

INTERCONNECT PLAN
HAVENS CORNERS RD BETWEEN STA. 74+80 AND 96+60

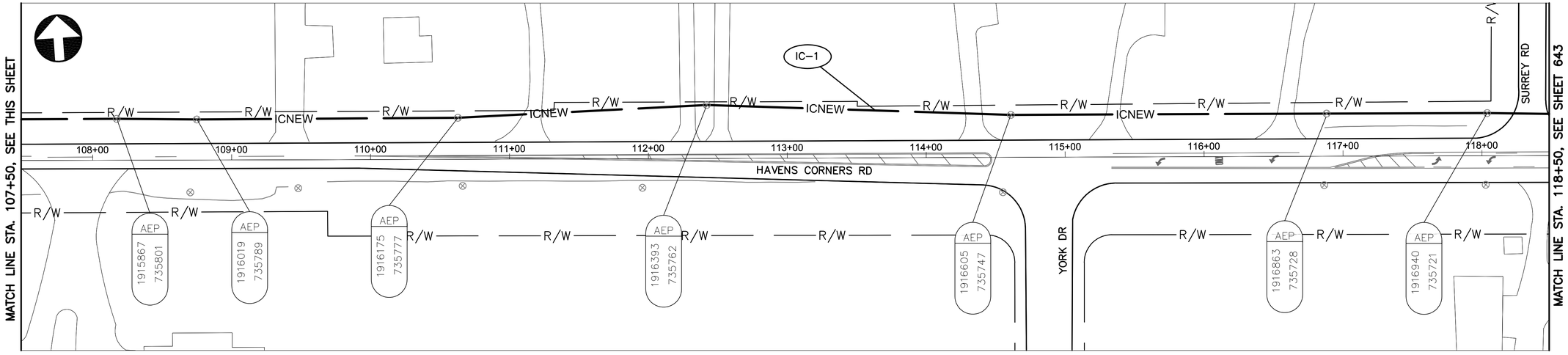
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

641
1107

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HAVENS CORNERS RD BETWEEN STATION 96+60 AND 107+50



HAVENS CORNERS RD BETWEEN STATION 107+50 AND 118+50

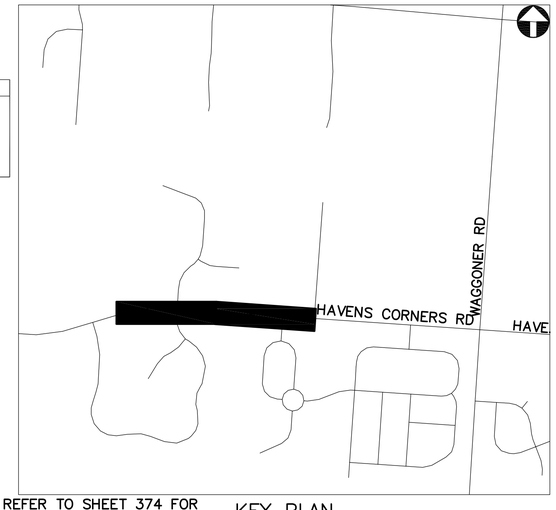
NOTES:

1. SEE SHEET 644 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 742 FOR COMMUNICATION DETAILS.

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CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☒ POWER
- ☐ LIGHTING



REFER TO SHEET 374 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

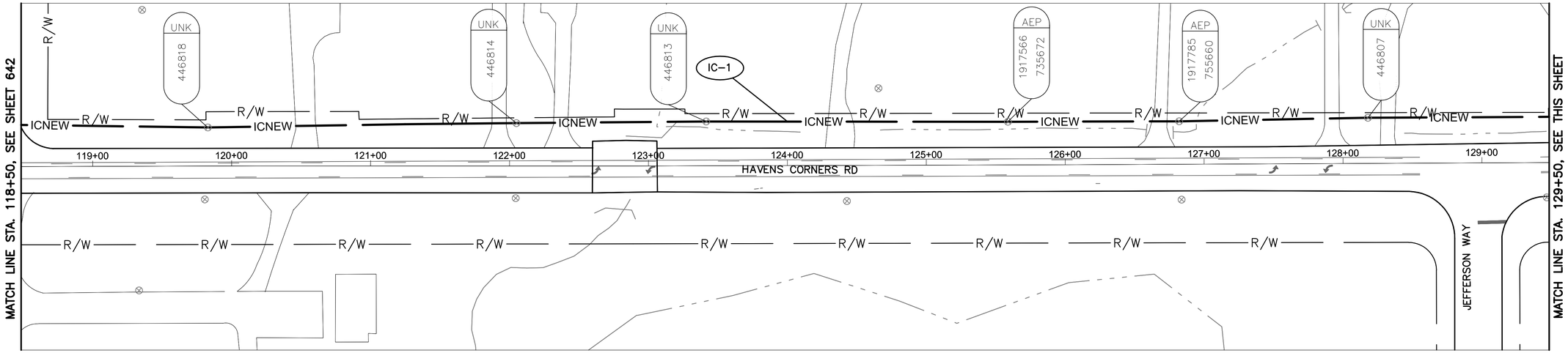
PID NUMBER
13034

INTERCONNECT PLAN
HAVENS CORNERS RD BETWEEN STA. 96+60 AND 118+50

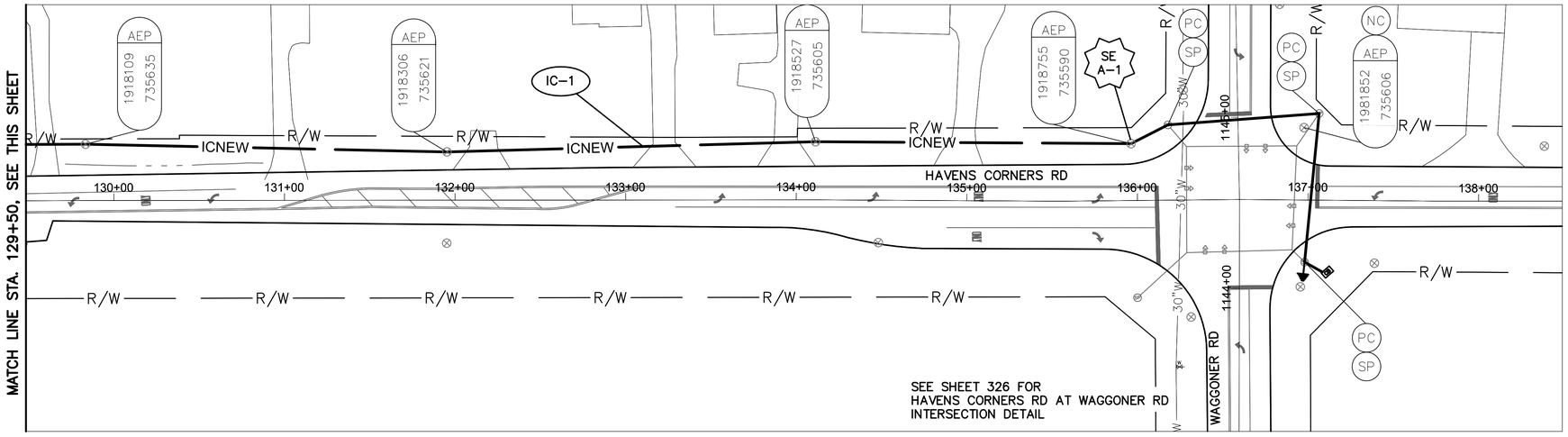
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

642
1107

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HAVENS CORNERS RD BETWEEN STATION 118+50 AND 129+50



HAVENS CORNERS RD BETWEEN STATION 129+50 AND 138+50

NOTES:

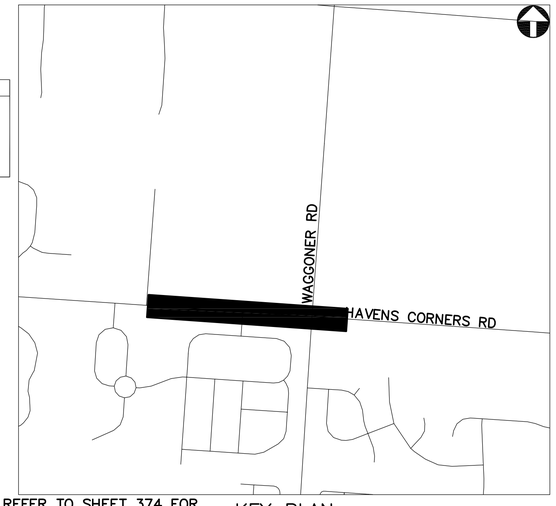
1. SEE SHEET 644 FOR INTERCONNECT QUANTITIES.

2. SEE SHEET 742 FOR COMMUNICATION DETAILS.

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CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☒ POWER
- ☐ LIGHTING



REFER TO SHEET 374 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

INTERCONNECT PLAN
HAVENS CORNERS RD BETWEEN STA. 118+50 AND 138+50

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

643
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION		632 MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES	804 FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE	804 SPLICE ENCLOSURE: OVERHEAD, AS PER PLAN	FUSION SPLICE, AS PER PLAN *
			FROM	TO	FT	FT	EACH	
HAVENS CORNERS RD: STA 9+00 TO 31+00								
638	SE A-1	HAVENS CORNERS RD	9+55, 39' RT			150	1	24
638	IC-1	HAVENS CORNERS RD	9+55, 39' RT	31+00, 24' RT	2149	2149		
638	IC-2	TAYLOR STATION RD	140+50, 38' LT	141+36, 45' LT	85	85		
638			OVERHEAD SAG		34	34		
HAVENS CORNERS RD: STA 31+00 TO 52+75								
639	IC-1	HAVENS CORNERS RD	31+00, 24' RT	52+75, 42' LT	2237	2237		
639			OVERHEAD SAG		34	34		
HAVENS CORNERS RD: STA 52+75 TO 74+80								
640	IC-1	HAVENS CORNERS RD	52+75, 42' LT	53+12, 42' LT	40	40		
640	IC-2	HAVENS CORNERS RD	53+12, 42' LT			200		
640	IC-3	HAVENS CORNERS RD	53+12, 42' LT	64+87, 54' LT	1195	1195		
640	SE A-1	HAVENS CORNERS RD	64+87, 54' LT			225	1	132
640	IC-4	HAVENS CORNERS RD	64+87, 54' LT	74+80, 12' RT	1062	1062		
640	IC-5	REYNOLDSBURG-NEW ALBANY RD	1143+85, 52' LT	1144+60, 44' RT	182	182		
640			OVERHEAD SAG		37	37		
HAVENS CORNERS RD: STA 74+80 TO 96+60								
641	IC-1	HAVENS CORNERS RD	74+80, 12' RT	96+60, 30' LT	2174	2174		
641			OVERHEAD SAG		33	33		
HAVENS CORNERS RD: STA 96+60 TO 118+50								
642	IC-1	HAVENS CORNERS RD	96+60, 30' LT	118+50, 30' LT	2195	2195		
642			OVERHEAD SAG		33	33		
HAVENS CORNERS RD: STA 118+50 TO 138+50								
643	IC-1	HAVENS CORNERS RD	118+50, 30' LT	135+97, 33' LT	1748	1748		
643	SE A-1	HAVENS CORNERS RD	135+97, 33' LT			75	1	12
643			OVERHEAD SAG		26	26		
			SHEET TOTAL		13264	13914	3	168

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

2762 DR. E

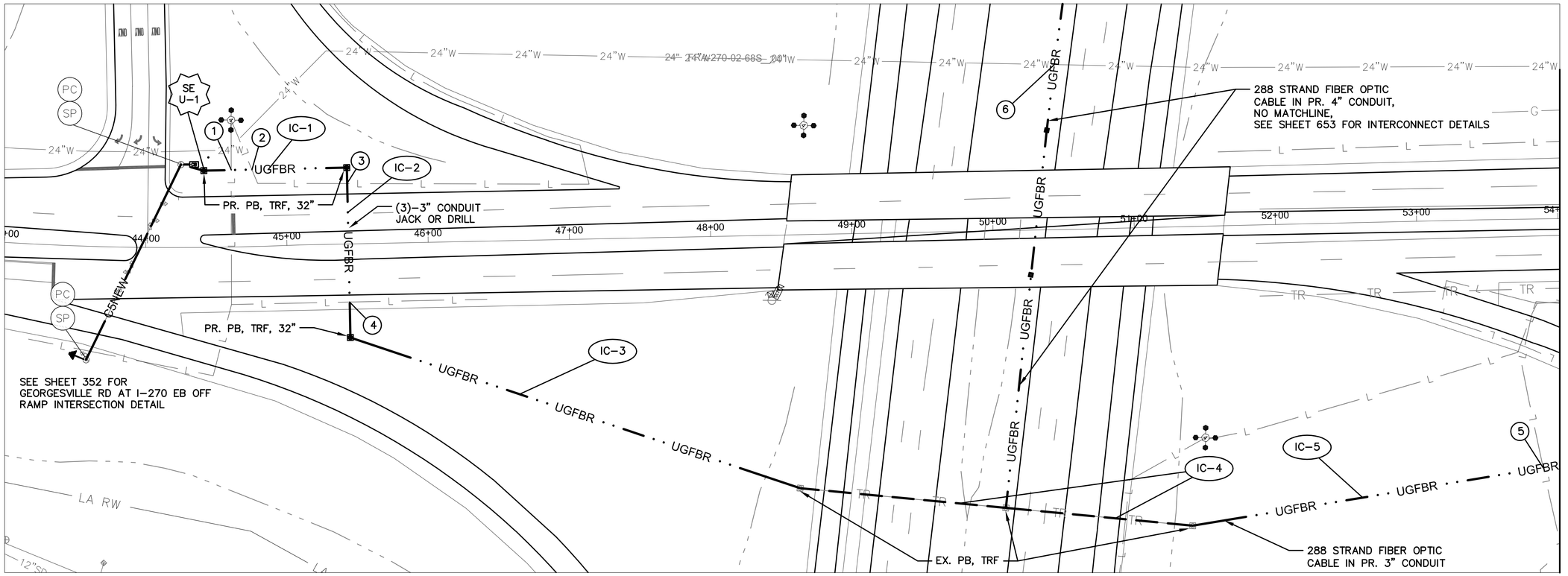
PID NUMBER 13034

INTERCONNECT QUANTITIES
HAVENS CORNERS RD BETWEEN STA. 9+00 AND 138+50

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

644
1107

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GEORGESVILLE RD BETWEEN STATION 43+00 AND 54+00

NOTES:

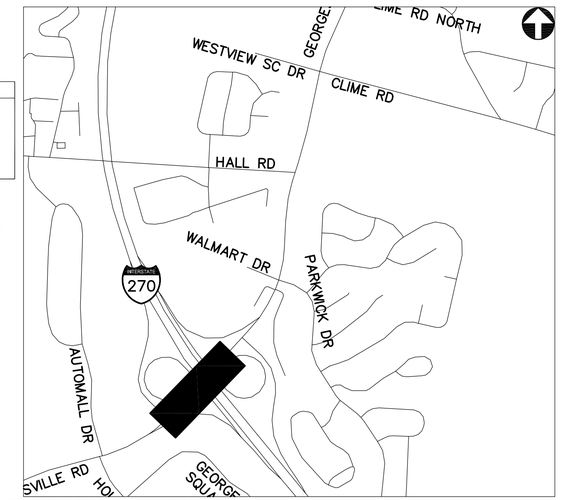
1. SEE SHEET 651 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 734 FOR COMMUNICATION DETAILS.
3. SEE SHEET 44 FOR CONDUIT BANK DETAILS.

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(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 16.

CITY OF COLUMBUS UTILITY LEGEND

- ☒ SEWER
- ☒ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 377 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

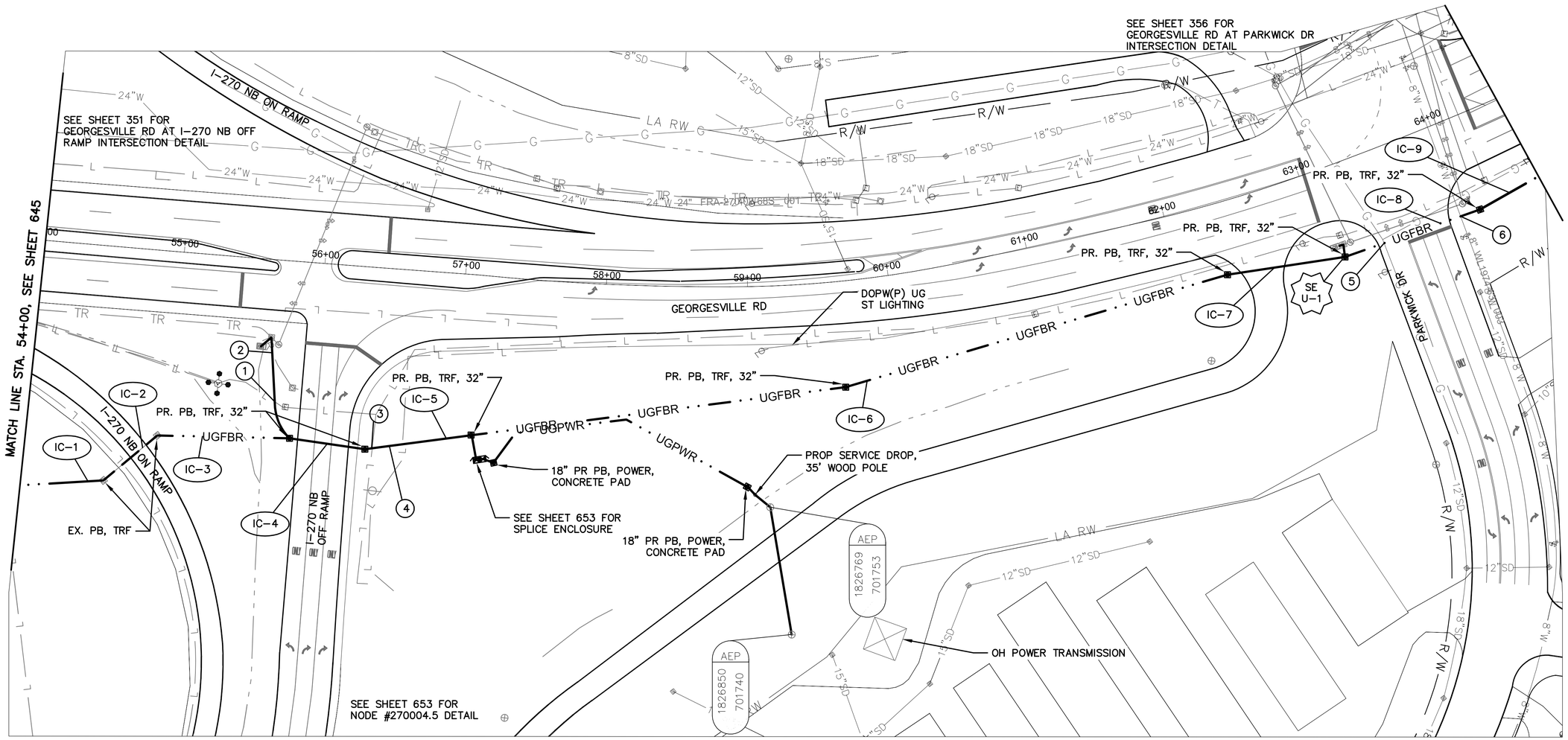
PID NUMBER 13034

INTERCONNECT PLAN
GEORGESVILLE RD BETWEEN STA. 43+00 AND 54+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

645
1107

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GEORGESVILLE RD BETWEEN STATION 54+00 AND 64+50

NOTES:

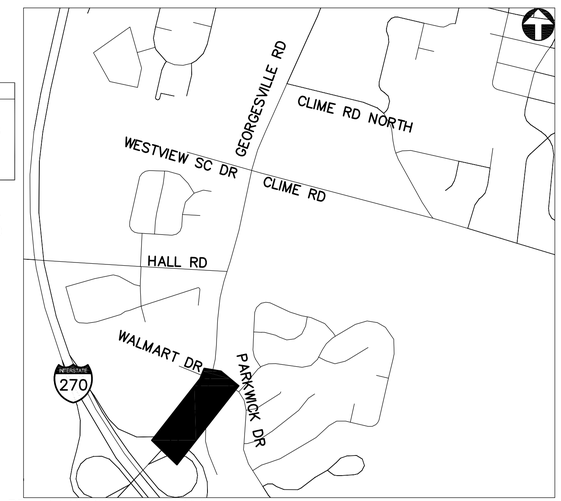
1. SEE SHEET 651 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 734 FOR COMMUNICATION DETAILS.
3. SEE SHEET 44 FOR CONDUIT BANK DETAILS.

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(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 16.

CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☒ WATER
- ☐ POWER
- ☒ LIGHTING



REFER TO SHEET 377 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

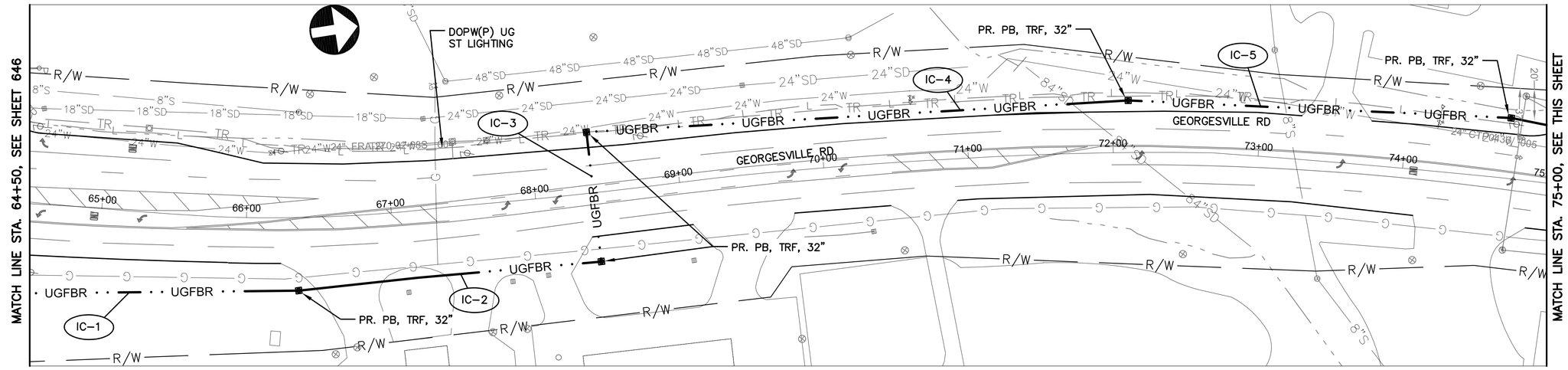
PID NUMBER 13034

INTERCONNECT PLAN
GEORGESVILLE RD BETWEEN STA. 54+00 AND 64+50

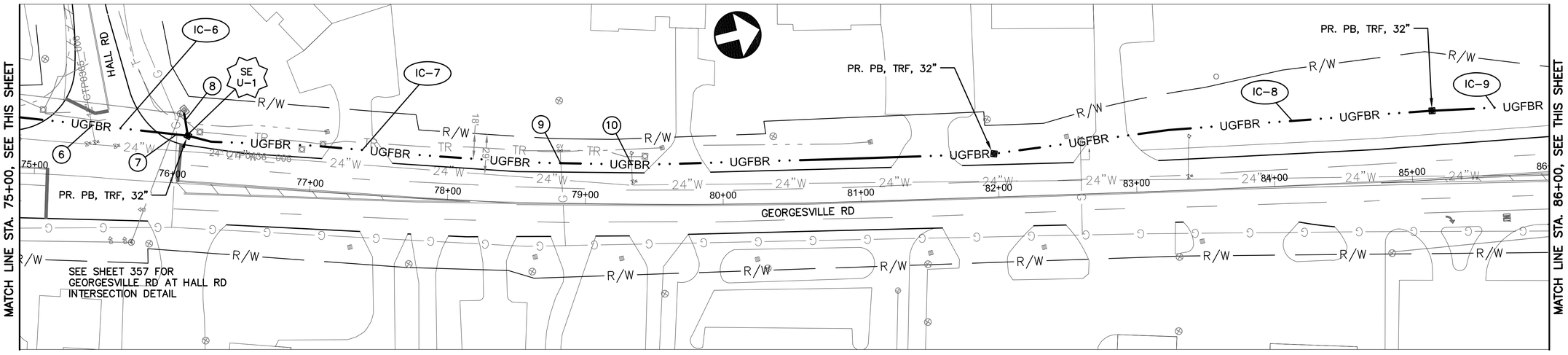
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

646
1107

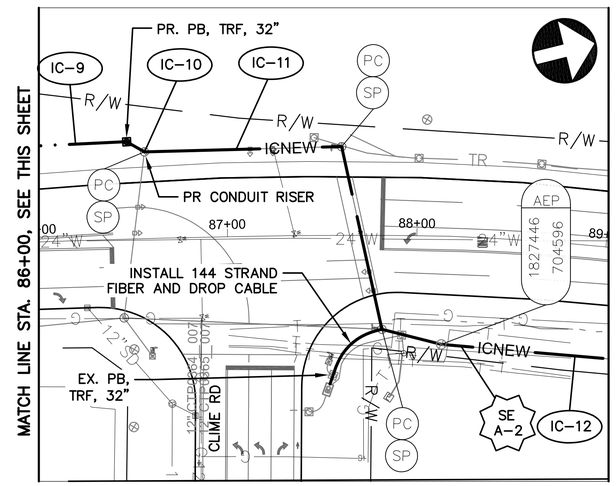
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GEORGESVILLE RD BETWEEN STATION 64+50 AND 75+00



GEORGESVILLE RD BETWEEN STATION 75+00 AND 86+00



GEORGESVILLE RD BETWEEN STATION 86+00 AND 89+00

SEE SHEET 354 FOR CLIME RD AT GEORGESVILLE RD INTERSECTION DETAIL

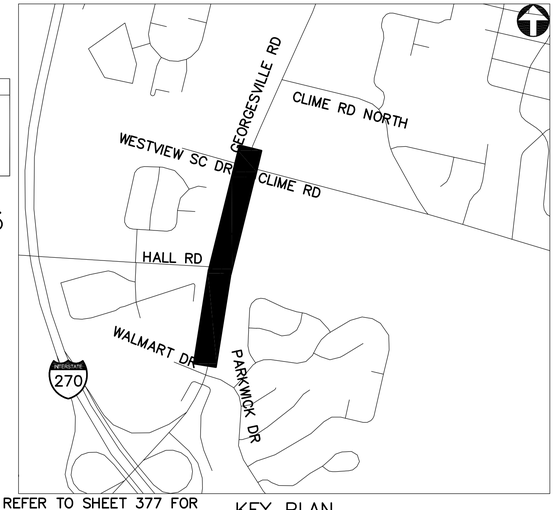
NOTES:

1. SEE SHEET 651 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 734 FOR COMMUNICATION DETAILS.
3. SEE SHEET 44 FOR CONDUIT BANK DETAILS.

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CITY OF COLUMBUS UTILITY LEGEND
- SEWER
- WATER
- POWER
- LIGHTING



REFER TO SHEET 377 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

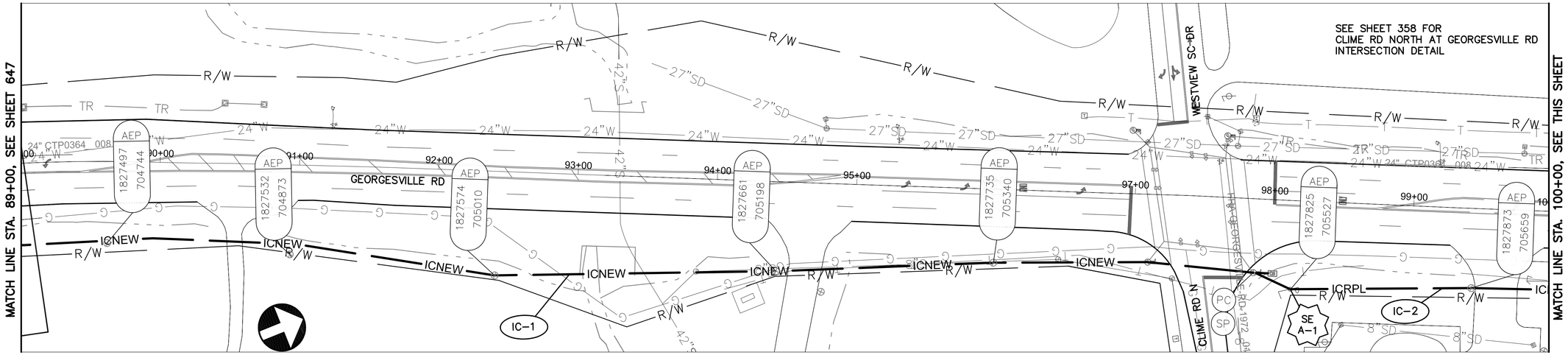
PID NUMBER 13034

INTERCONNECT PLAN
GEORGESVILLE RD BETWEEN STA. 64+50 AND 89+00

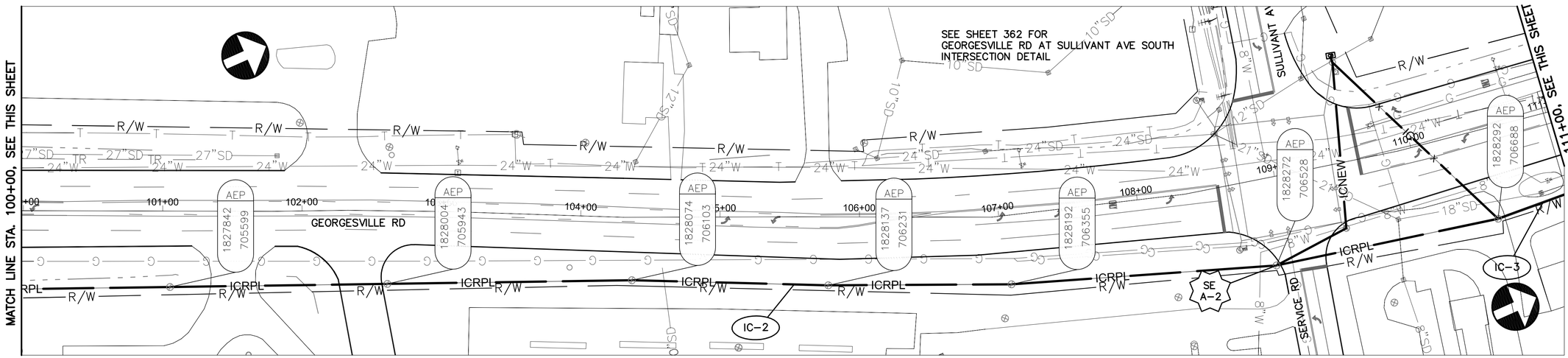
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

647
1107

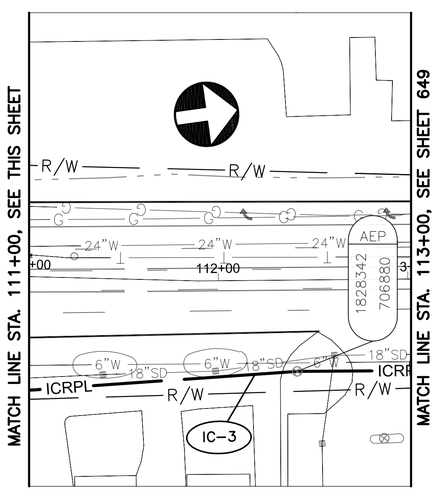
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GEORGESVILLE RD BETWEEN STATION 89+00 AND 100+00



GEORGESVILLE RD BETWEEN STATION 100+00 AND 111+50



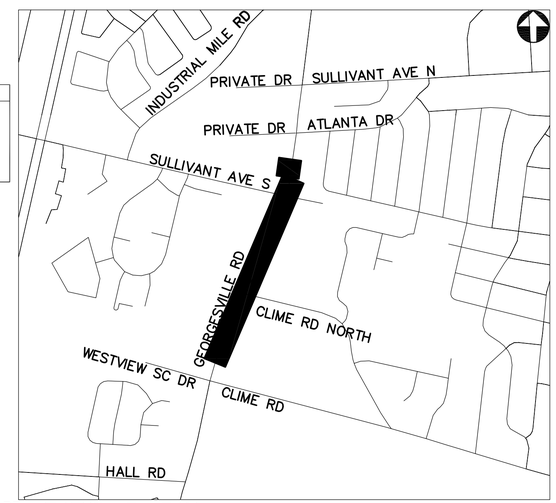
GEORGESVILLE RD BETWEEN STATION 111+50 AND 113+00

NOTES:

1. SEE SHEET 652 FOR INTERCONNECT QUANTITIES.
2. SEE SHEETS 734 AND 735 FOR COMMUNICATION DETAILS.
3. SEE SHEET 44 FOR CONDUIT BANK DETAILS.

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CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 377 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

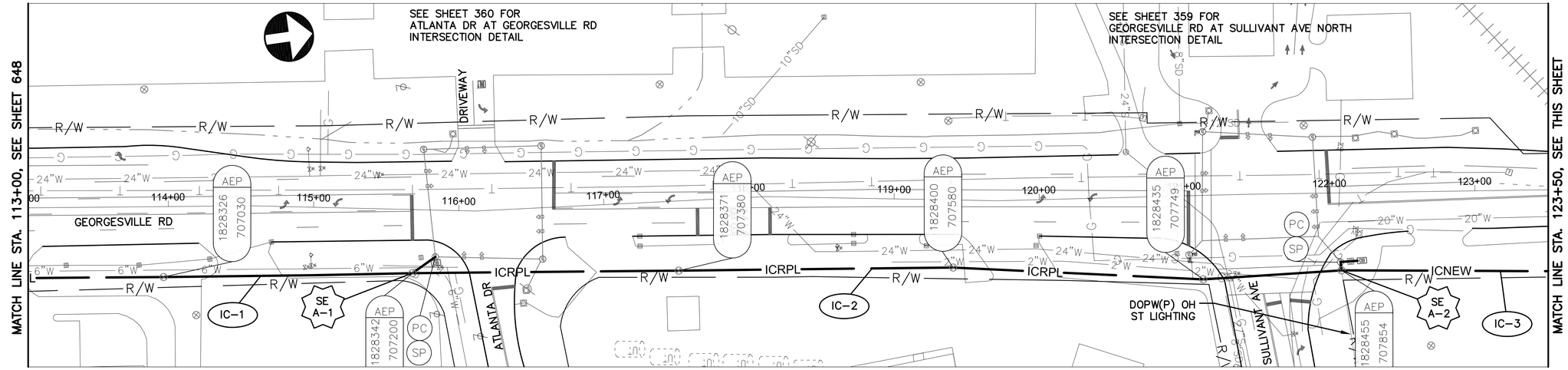
HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

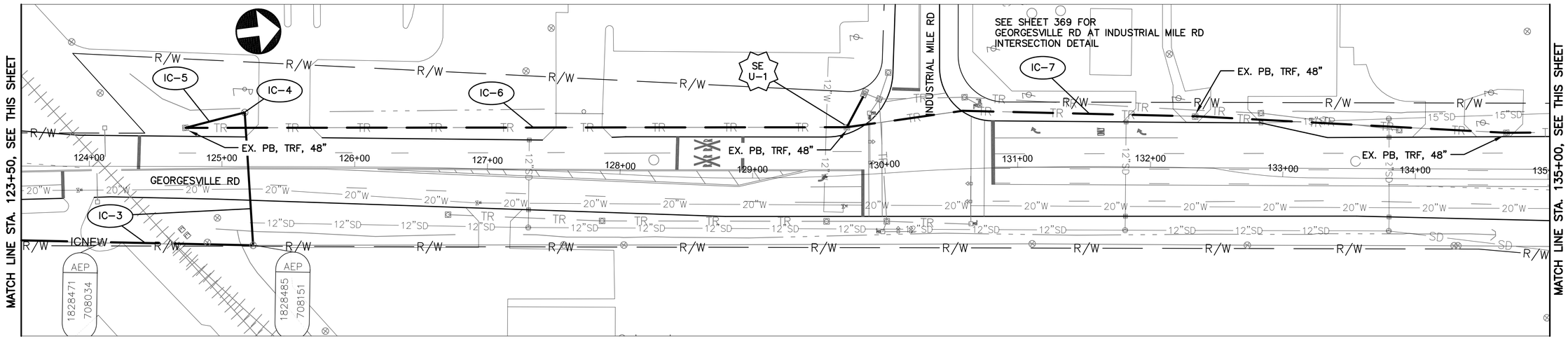
INTERCONNECT PLAN
GEORGESVILLE RD BETWEEN STA. 89+00 AND 113+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

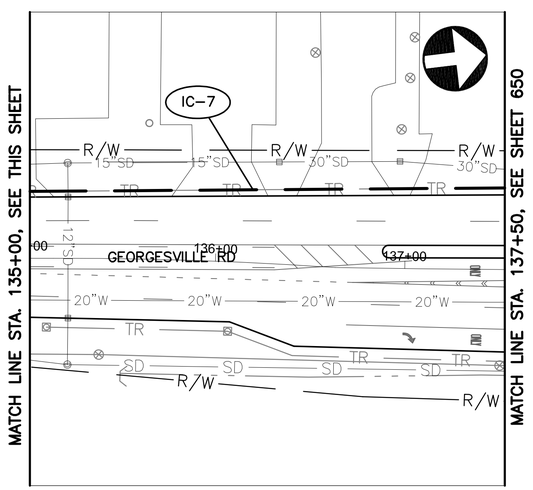
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GEORGESVILLE RD BETWEEN STATION 113+00 AND 123+50



GEORGESVILLE RD BETWEEN STATION 123+50 AND 135+00



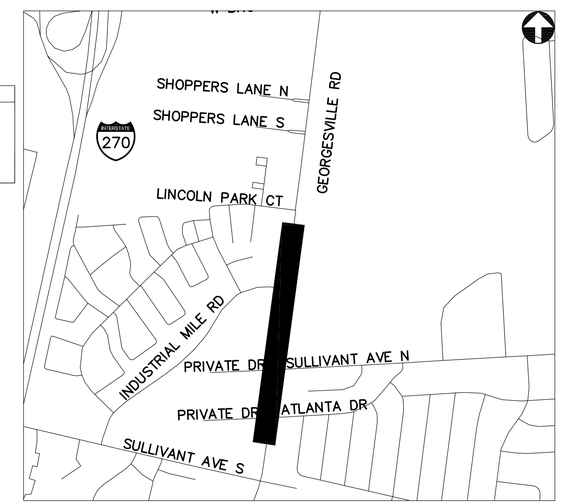
GEORGESVILLE RD BETWEEN STATION 135+00 AND 137+50

NOTES:

1. SEE SHEET 652 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 735 FOR COMMUNICATION DETAILS.

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CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☒ LIGHTING



REFER TO SHEET 377 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

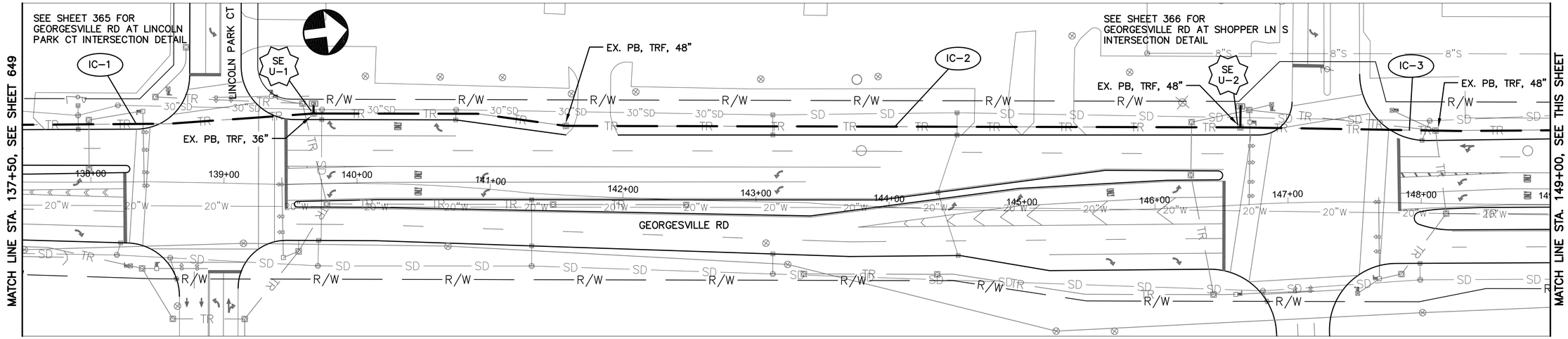
PID NUMBER 13034

INTERCONNECT PLAN
GEORGESVILLE RD BETWEEN STA. 113+50 AND 137+50

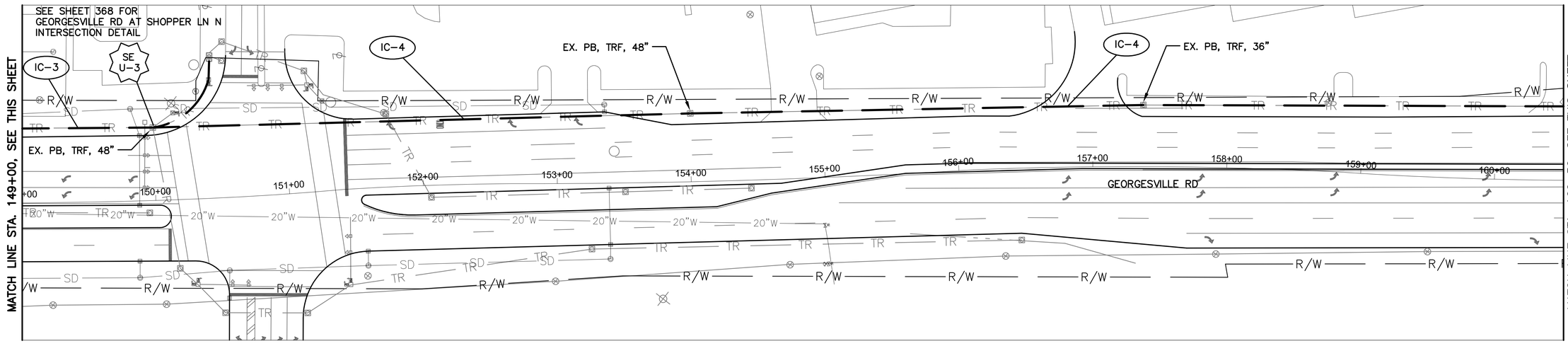
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

649
1107

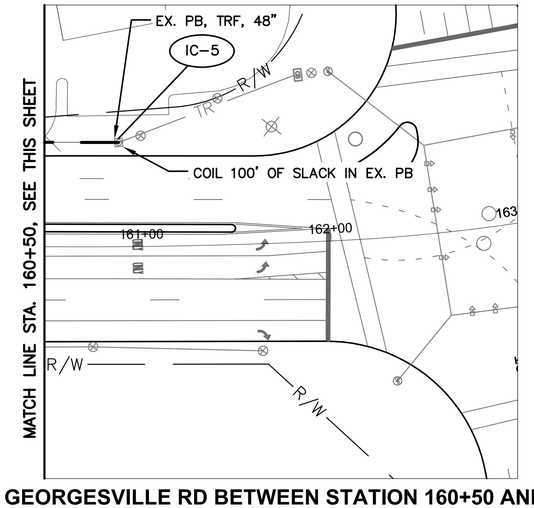
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GEORGESVILLE RD BETWEEN STATION 137+50 AND 149+00



GEORGESVILLE RD BETWEEN STATION 149+00 AND 160+50



GEORGESVILLE RD BETWEEN STATION 160+50 AND 163+00

NOTES:

1. SEE SHEET 652 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 735 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 377 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

INTERCONNECT PLAN
GEORGESVILLE RD BETWEEN STA. 137+50 AND 163+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

650
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION		202	625	625	625	625	625	625	632	804	804												
					EXISTING CONDUIT CLEANED, APP	CONDUIT, 3", 725.05, AS PER PLAN	CONDUIT, CONCRETE ENCASED, 4-3", 725.05, AS PER PLAN	CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, 725.05, 3", AS PER PLAN	PULL BOX, MISC.: CONCRETE, 32"	TRENCH IN PAVED AREA, AS PER PLAN	TRENCH, 36" DEEP, AS PER PLAN	MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES	FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE	SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN	FUSION SPLICE, AS PER PLAN *										
			FROM	TO	FT	FT	FT	FT	EACH	FT	FT	FT	FT	EACH											
GEORGESVILLE RD: STA 43+00 TO 54+00																										
645	SE U-1	GEORGESVILLE RD	44+29, 54' LT						1				75	1	12											
645	IC-1	GEORGESVILLE RD	44+29, 54' LT	45+43, 54' LT			113		1		113		113													
645	IC-2	GEORGESVILLE RD	45+43, 54' LT	45+44, 66' RT				480	1				120													
645	IC-3	GEORGESVILLE RD	45+44, 66' RT	48+60, 180' RT		1344					336		336													
645	IC-4	GEORGESVILLE RD	48+60, 180' RT	51+37, 212' RT	279								279													
645	IC-5	GEORGESVILLE RD	51+37, 212' RT	54+00, 175' RT		1052					263		263													
645			PULL BOX SLACK										50													
GEORGESVILLE RD: STA 54+00 TO 64+50																										
646	IC-1	GEORGESVILLE RD	54+00, 175' RT	54+57, 166' RT		240					60		60													
646	IC-2	GEORGESVILLE RD	54+57, 166' RT	54+92, 131' RT	50								50													
646	IC-3	GEORGESVILLE RD	54+92, 131' RT	55+85, 126' RT		376			1		94		94													
646	IC-4	GEORGESVILLE RD	55+85, 126' RT	56+38, 129' RT				54	1				54													
646	IC-5	GEORGESVILLE RD	56+38, 129' RT	57+66, 196' RT		620			1		155		155													
646	IC-6	GEORGESVILLE RD	57+66, 196' RT	62+32, 51' RT		2164			2		541		541													
646	IC-7	GEORGESVILLE RD	62+32, 51' RT	63+11, 65' RT				336	1				84													
646	SE U-1	GEORGESVILLE RD	63+11, 65' RT										150	1	24											
646	IC-8	GEORGESVILLE RD	63+11, 65' RT	64+10, 68' RT				408	1				102													
646	IC-9	GEORGESVILLE RD	64+10, 68' RT	64+50, 62' RT			48				48		48													
646			PULL BOX SLACK										70													
GEORGESVILLE RD: STA 64+50 TO 89+00																										
647	IC-1	GEORGESVILLE RD	64+50, 62' RT	66+35, 50' RT			185		1		185		185													
647	IC-2	GEORGESVILLE RD	66+35, 50' RT	71+04, 32' RT			475		3	475			475													
647	IC-3	GEORGESVILLE RD	71+04, 32' RT	74+00, 35' RT			291		1	291			291													
647	IC-4	GEORGESVILLE RD	74+00, 35' RT	74+01, 56' LT			91		1	91			91													
647	IC-5	GEORGESVILLE RD	74+01, 56' LT	74+96, 44' LT			97		1		97		97													
647	IC-6	GEORGESVILLE RD	74+96, 44' LT	76+09, 35' LT			115		1	115			115													
647	SE U-1	GEORGESVILLE RD	76+09, 35' LT										150	1	24											
647	IC-7	GEORGESVILLE RD	76+09, 35' LT	77+01, 33' LT			93		1		93		93													
647	IC-8	GEORGESVILLE RD	77+01, 33' LT	77+69, 31' LT			67		1	67			67													
647	IC-9	GEORGESVILLE RD	77+69, 31' LT	79+40, 29' LT			170		1		170		170													
647	IC-10	GEORGESVILLE RD	79+40, 29' LT	79+94, 30' LT			54		1	54			54													
647	IC-11	GEORGESVILLE RD	79+94, 30' LT	81+22, 31' LT			127		1		127		127													
647	IC-12	GEORGESVILLE RD	81+22, 31' LT	83+24, 44' LT			203		2	203			203													
647	IC-13	GEORGESVILLE RD	83+24, 44' LT	87+37, 53' LT			414		2		414		414													
647	IC-14	GEORGESVILLE RD	87+37, 53' LT	87+61, 54' RT			111		1	111			111													
647	SE U-2	GEORGESVILLE RD	87+61, 54' RT										150	1	24											
647	IC-15	GEORGESVILLE RD	87+61, 54' RT	87+82, 50' RT			21				21		21													
647	IC-16	GEORGESVILLE RD	87+82, 50' RT										35													
647	IC-17	GEORGESVILLE RD	87+82, 50' RT	89+00, 60' RT								121	121													
647			PULL BOX SLACK										160													
647			OVERHEAD SAG									2	2													
			SHEET TOTAL		329	5796	2675	1278	28	1407	2717	123	5776	4	84	-	-	-	-	-	-	-	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

2762 DR. E

PID NUMBER 13034

INTERCONNECT QUANTITIES
GEORGESVILLE RD BETWEEN STA. 66+50 AND 121+50

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

651
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION		202	625	625	632	632	633	804	804	804											
					EXISTING CONDUIT CLEANED, APP	CONDUIT, CONCRETE ENCASED, 3", 725.05, AS PER PLAN	TRENCH, 36" DEEP, AS PER PLAN	MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES	WOOD POLE	INTERCONNECT, MISC.: REMOVE EXISTING OVERHEAD INTERCONNECT	FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE	SPLICE ENCLOSURE: OVERHEAD, AS PER PLAN	SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN	FUSION SPLICE, AS PER PLAN *										
			FROM	TO	FT	FT	FT	FT	EACH	FT	FT	EACH	EACH											
GEORGESVILLE RD: STA 89+00 TO 113+00																								
648	IC-1	GEORGESVILLE RD	89+00, 60' RT	98+14, 64' RT				912			912													
648	SE A-1	GEORGESVILLE RD	98+14, 64' RT								150	1		24										
648	IC-2	GEORGESVILLE RD	98+14, 64' RT	110+48, 65' RT				1248		1248	1248													
648	SE A-2	GEORGESVILLE RD	110+48, 65' RT								150	1		24										
648	IC-3	GEORGESVILLE RD	110+48, 65' RT	113+00, 48' RT				250		250	250													
648			OVERHEAD SAG					36			36													
GEORGESVILLE RD: STA 113+00 TO 137+50																								
649	IC-1	GEORGESVILLE RD	113+00, 48' RT	115+69, 44' RT				264		264	264													
649	SE A-1	GEORGESVILLE RD	115+69, 44' RT								150	1		24										
649	IC-2	GEORGESVILLE RD	115+69, 44' RT	122+07, 53' RT				641		641	641													
649	SE A-2	GEORGESVILLE RD	122+07, 53' RT								150	1		12										
649	IC-3	GEORGESVILLE RD	122+07, 53' RT	125+17, 41' LT				421			421													
649	IC-4	GEORGESVILLE RD	125+17, 41' LT						1		35													
649	IC-5	GEORGESVILLE RD	125+17, 41' LT	124+72, 29' LT		46	46				46													
649	IC-6	GEORGESVILLE RD	124+72, 29' LT	129+73, 36' LT	499						499													
649	SE U-1	GEORGESVILLE RD	129+73, 36' LT								150		1	12										
649	IC-7	GEORGESVILLE RD	129+73, 36' LT	137+50, 43' LT	781						781													
649			PULL BOX SLACK								30													
649			OVERHEAD SAG					20			20													
GEORGESVILLE RD: STA 137+50 TO 163+00																								
650	IC-1	GEORGESVILLE RD	137+50, 43' LT	139+68, 53' LT	219						219													
650	SE U-1	GEORGESVILLE RD	139+68, 53' LT								150		1	24										
650	IC-2	GEORGESVILLE RD	139+68, 53' LT	146+67, 58' LT	697						697													
650	SE U-2	GEORGESVILLE RD	146+67, 58' LT								150		1	24										
650	IC-3	GEORGESVILLE RD	146+67, 58' LT	149+99, 54' LT	330						330													
650	SE U-3	GEORGESVILLE RD	149+99, 54' LT								150		1	12										
650	IC-4	GEORGESVILLE RD	149+99, 54' LT	160+88, 55' LT	1091						1091													
650	IC-5	GEORGESVILLE RD	160+88, 55' LT								100													
650			PULL BOX SLACK								40													
			SHEET TOTAL		3617	46	46	3792	1	2403	8860	4	4	156	-	-	-	-	-	-	-	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

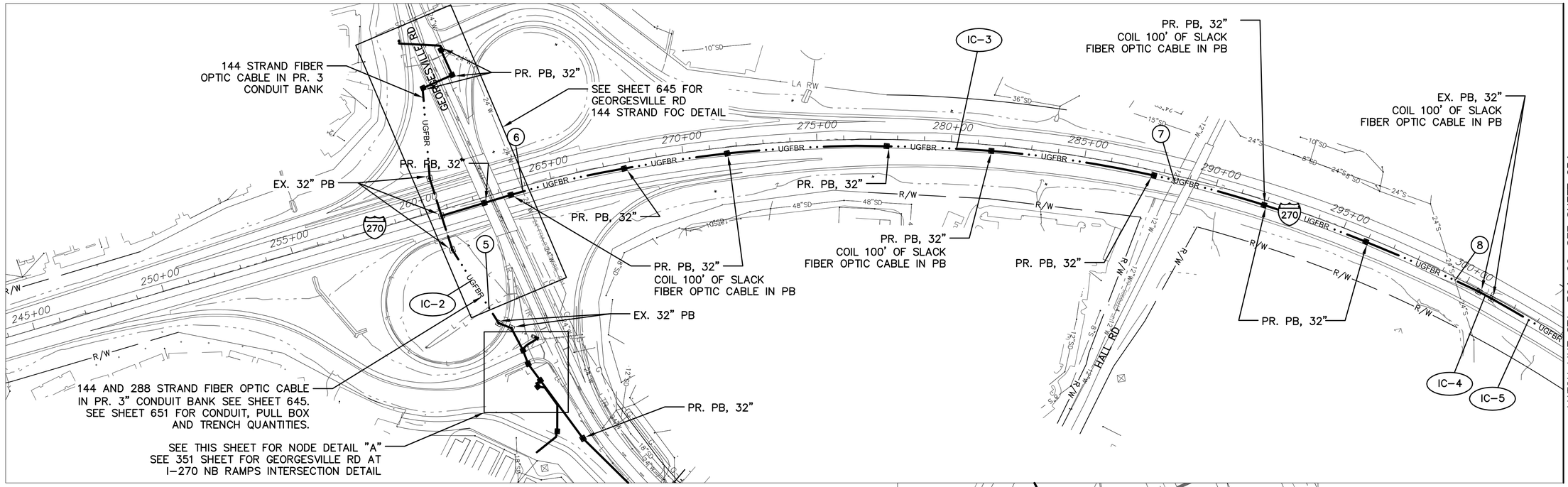
2762 DR. E

PID NUMBER 13034

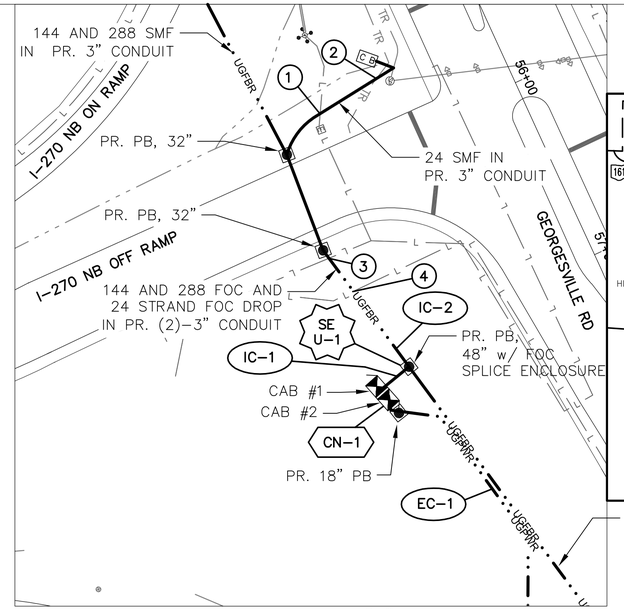
INTERCONNECT QUANTITIES
GEORGESVILLE RD BETWEEN STA. 121+50 AND 187+50

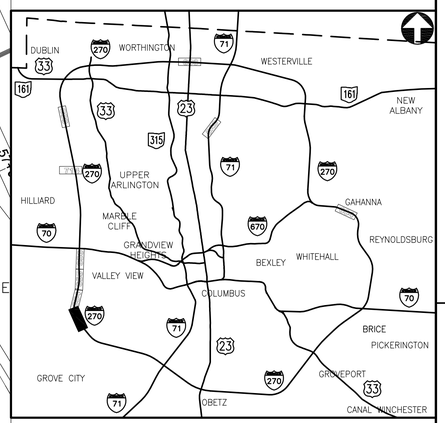
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

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I-270 BETWEEN STATION 244+00 AND 304+00





KEY PLAN
NOT TO SCALE

NOTES:

1. SEE SHEET 657 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 734 FOR COMMUNICATIONS DETAILS.
3. SEE SHEET 63 FOR POWER SERVICE DETAILS.

DETAIL "A"
SCALE: 1"=40'

NODE #270004.5
REFER TO SHEETS 1082 AND 1083 FOR COMMUNICATION DETAILS AND FIBRE OPTIC SPLICING PLAN

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 16.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☒ SEWER
- ☒ WATER
- ☐ POWER
- ☒ LIGHTING

REFER TO SHEET 377 FOR INTERCONNECT SHEET INDEX

2762 DR. E

HORIZONTAL SCALE IN FEET
0 200 400

PID NUMBER 13034

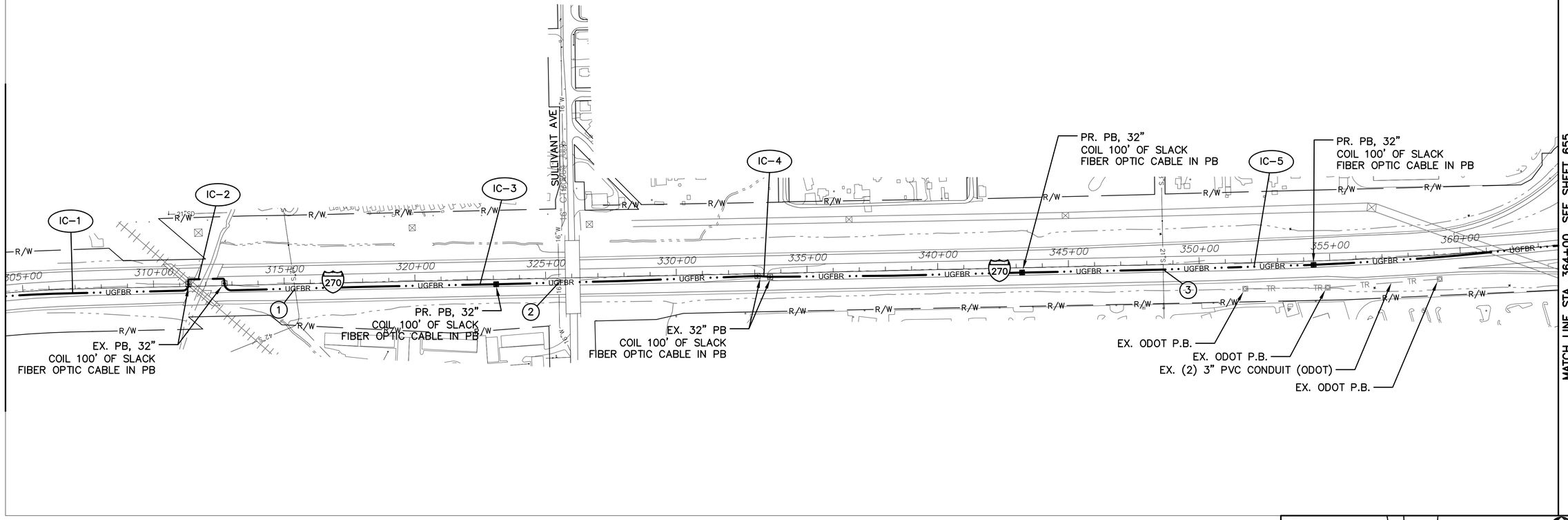
INTERCONNECT PLAN
I-270 BETWEEN STA. 244+00 AND 304+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

653
1107

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MATCH LINE STA. 304+00, SEE SHEET 653

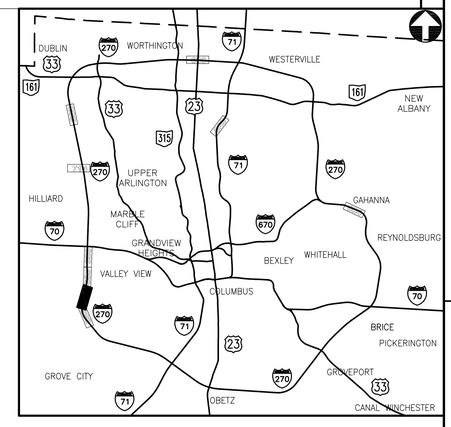


MATCH LINE STA. 364+00, SEE SHEET 655

I-270 BETWEEN STATION 304+00 AND 364+00

NOTES:

1. SEE SHEET 658 FOR INTERCONNECT QUANTITIES.



KEY PLAN
NOT TO SCALE

REFER TO SHEET 377 FOR INTERCONNECT SHEET INDEX

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 16.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- ☒ SEWER
- ☒ WATER
- ☐ POWER
- ☒ LIGHTING

2762 DR. E

HORIZONTAL SCALE IN FEET
0 200 400

PID NUMBER 13034

INTERCONNECT PLAN
I-270 BETWEEN STA. 304+00 AND 364+00

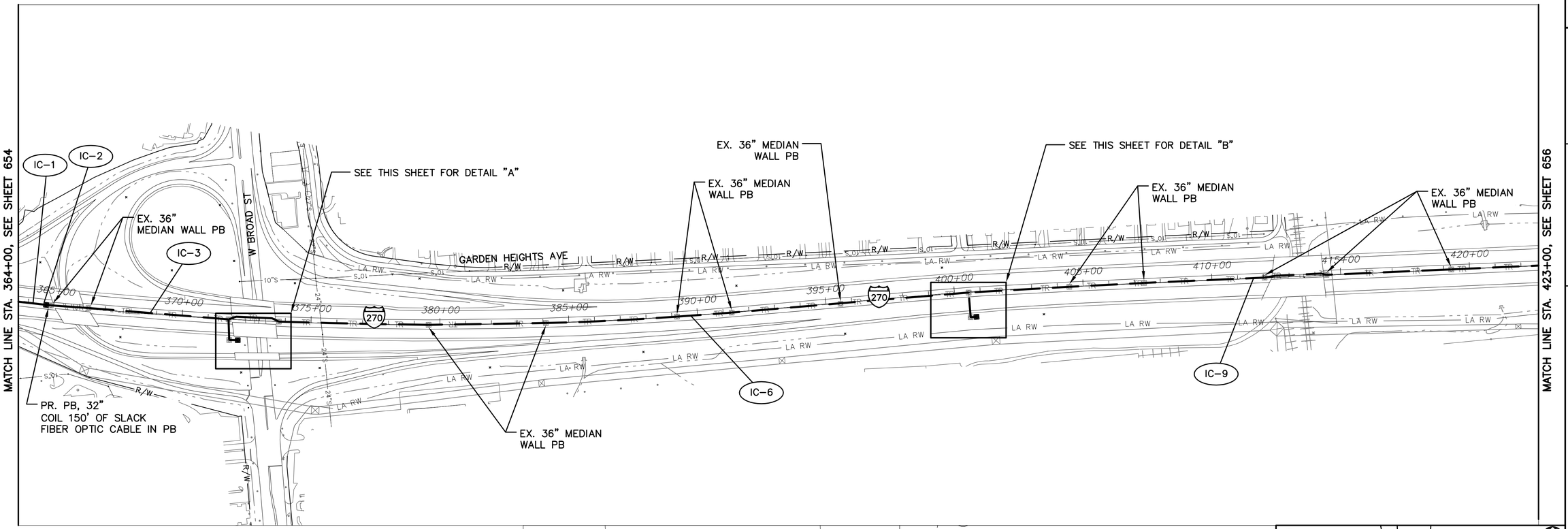
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

654
1107

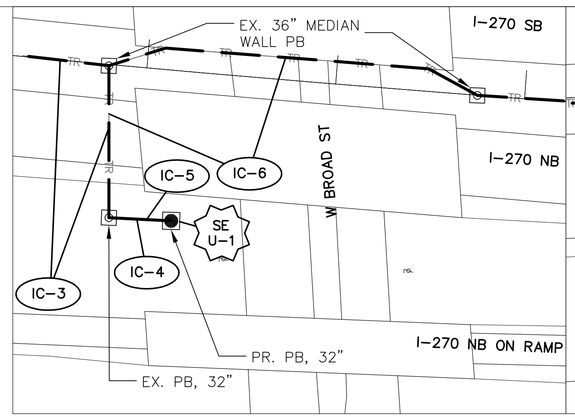
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MATCH LINE STA. 364+00, SEE SHEET 654

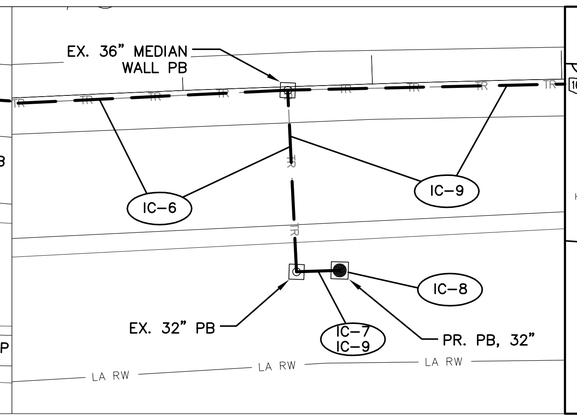
MATCH LINE STA. 423+00, SEE SHEET 656



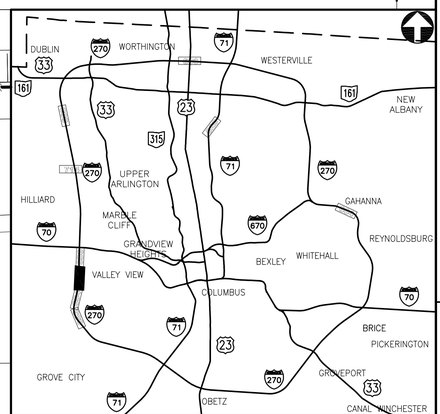
I-270 BETWEEN STATION 364+00 AND 423+00



DETAIL "A"
SCALE: 1"=40'



DETAIL "B"
SCALE: 1"=40'



KEY PLAN
NOT TO SCALE

NOTES:

1. SEE SHEET 658 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 1074 FOR COMMUNICATIONS DETAILS.

REFER TO SHEET 377 FOR INTERCONNECT SHEET INDEX

(XX) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 15.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☒ SEWER
- ☒ WATER
- ☐ POWER
- ☒ LIGHTING

2762 DR. E

HORIZONTAL SCALE IN FEET
0 200 400

PID NUMBER 13034

INTERCONNECT PLAN
I-270 BETWEEN STA. 364+00 AND 423+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

655
1107

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MATCH LINE STA. 423+00, SEE SHEET 655

EX 36" MEDIAN WALL PB

IC–1

EX 36" MEDIAN WALL PB

EX 36" MEDIAN WALL PB

EX 36" MEDIAN WALL PB

EX 36" MEDIAN WALL PB

SEE THIS SHEET FOR NODE DETAIL "A"

FISHER RD

I–70 EB

I–70 WB

425+00 430+00 435+00 440+00 445+00 450+00 455+00 460+00 465+00 470+00 475+00 480

270 70

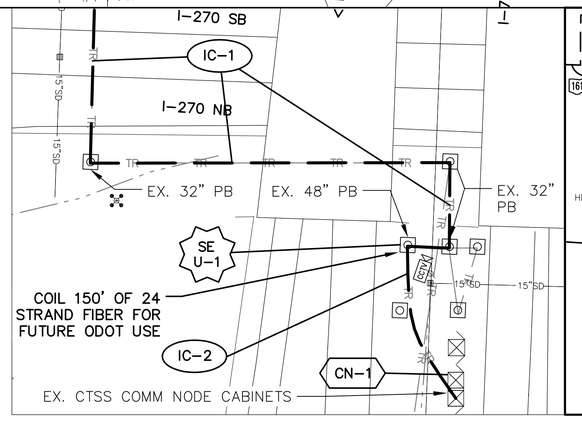
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R/W

I-270 BETWEEN STATION 423+00 AND 480+00

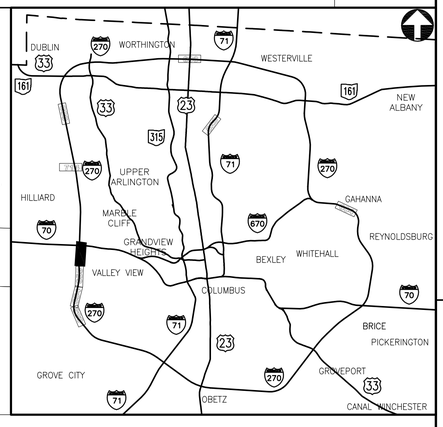
NOTES:

1. SEE SHEET 658 FOR INTERCONNECT QUANTITIES.



DETAIL "A"
SCALE: 1"=40'

EX. NODE #270008.7
REFER TO SHEETS 1084 AND 1085 FOR COMMUNICATION DETAILS



KEY PLAN
NOT TO SCALE

REFER TO SHEET 377 FOR INTERCONNECT SHEET INDEX

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800–362–2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING

2762 DR. E

HORIZONTAL SCALE IN FEET
0 200 400

PID NUMBER 13034

INTERCONNECT PLAN
STA. 423+00 AND 480+00
I–270 BETWEEN

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

656
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION		202	625	625	625	625	625	625	625	625	633	633	633	804	804	804	804	804	804			
					EXISTING CONDUIT CLEANED, APP	CONDUIT, 2", 725.05, AS PER PLAN	CONDUIT, 3", 725.05, AS PER PLAN	NO. 8 AWG 600 VOLT DISTRIBUTION CABLE	POWER SERVICE, AS PER PLAN	PULL BOX, 18", AS PER PLAN	PULL BOX, MISC.: CONCRETE, 32"	PULL BOX, MISC.: CONCRETE, 48"	TRENCH, 36" DEEP, AS PER PLAN	CONTROLLER ITEM, MISC.: COMMUNICATIONS NODE	CONTROLLER ITEM, MISC.: FIBER OPTIC ETHERNET TRANSCEIVER	CONTROLLER ITEM, MISC.: LAYER 3 ETHERNET SWITCH	FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE	FIBER OPTIC CABLE, MISC.: 24 COUNT PRE-TERMINATED PATCH PANEL ASSEMBLY	FIBER OPTIC CABLE, MISC.: 24 STRAND CABLE	FIBER OPTIC CABLE, MISC.: 288 STRAND CABLE	FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 144 TERMINATION	SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN	FUSION SPLICE, AS PER PLAN *		
			FROM	TO	FT	FT	FT	FT	EACH	EACH	EACH	EACH	FT	EACH	EACH	EACH	FT	EACH	FT	FT	EACH	EACH			
I-270: STA 244+00 TO 304+00																									
653	EC-1	GEORGESVILLE RD	57+51, 311' RT						1																
653	EC-2	GEORGESVILLE RD	57+51, 311' RT	57+65, 207' RT		106		424		2															
653	CN-1	GEORGESVILLE RD	57+65, 207' RT											1	5	1		1			4				
653	IC-1	GEORGESVILLE RD	57+65, 207' RT	57+65, 196' RT			22						11				84								
653	SE U-1	GEORGESVILLE RD	57+65, 196' RT									1					450		375	75		2	588		
653	IC-2	GEORGESVILLE RD	57+65, 196' RT	50+05, 196' RT																798					
653	IC-3	I-270	260+71, 21' RT	300+55, 08' RT			7940				4		3970							4370					
653	IC-4	I-270	300+55, 08' RT	301+10, 08' RT	55															155					
653	IC-5	I-270	301+10, 08' RT	304+21, 12' RT			618													409					
653			PULL BOX SLACK					40												160					
			SHEET TOTAL		55	106	8580	464	1	2	4	1	3981	1	5	1	534	1	375	5967	4	2	588	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

2762 DR. E

PID NUMBER 13034

INTERCONNECT QUANTITIES
I-270 BETWEEN STA. 244+00 AND 423+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION FROM	STATION TO	202 EXISTING CONDUIT CLEANED, APP	625 CONDUIT, 3", 725.05, AS PER PLAN	625 PULL BOX, MISC.: CONCRETE, 32"	625 TRENCH, 36" DEEP, AS PER PLAN	633 CONTROLLER ITEM, MISC.: FIBER OPTIC ETHERNET TRANSCEIVER	804 FIBER OPTIC CABLE, MISC.: 24 COUNT PRE-TERMINATED PATCH PANEL ASSEMBLY	804 FIBER OPTIC CABLE, MISC.: 24 STRAND CABLE	804 FIBER OPTIC CABLE, MISC.: 288 STRAND CABLE	804 FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 24 TERMINATION	804 SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN	FUSION SPLICE, AS PER PLAN *										
					FT	FT	EACH	FT	EACH	EACH	FT	FT	EACH	EACH										
I-270: STA 304+00 TO 364+00																								
654	IC-1	I-270	304+21, 12' RT	311+19, 16' RT		1420		710				810												
654	IC-2	I-270	311+19, 16' RT	312+37, 19' RT	170							270												
654	IC-3	I-270	312+37, 19' RT	333+10, 09' RT		4108	1	2054				2254												
654	IC-4	I-270	333+10, 09' RT	333+58, 14' RT	48							148												
654	IC-5	I-270	333+58, 14' RT	363+76, 01' RT		6038	2	3019				3219												
I-270: STA 364+00 TO 423+00																								
655	IC-1	I-270	363+76, 01' RT	364+88, 02' RT		254		127				227												
655	IC-2	I-270	364+88, 02' RT				1					150												
655	IC-3	I-270	364+88, 02' RT	371+87, 81' RT	772							772												
655	IC-4	I-270	371+87, 81' RT	372+20, 79' RT		66	1	33				33												
655	SE U-1	I-270	372+20, 79' RT									150		1	288									
655	IC-5	I-270	372+20, 79' RT	371+87, 81' RT								33												
655	IC-6	I-270	371+87, 81' RT	400+57, 98' RT	2943							3056												
655	IC-7	I-270	400+57, 98' RT	400+80, 98' RT		46	1	23				23												
655	IC-8	I-270	400+80, 98' RT									150												
655	IC-9	I-270	400+80, 98' RT	423+00, 00'	2213							2332												
655			PULL BOX SLACK									210												
I-270: STA 423+00 TO 480+00																								
656	IC-1	I-270	423+00, 00'	459+30, 150' RT	3861							3861												
656	SE U-1	I-270	459+30, 150' RT								225	75		1	276									
656	IC-2	I-270	459+30, 150' RT	459+58, 224' RT							86													
656	CN-1	I-270	459+58, 224' RT						1	1			1											
656			PULL BOX SLACK									120												
			SHEET TOTAL		10007	11932	6	5966	1	1	311	17893	1	2	564	-	-	-	-	-	-	-	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

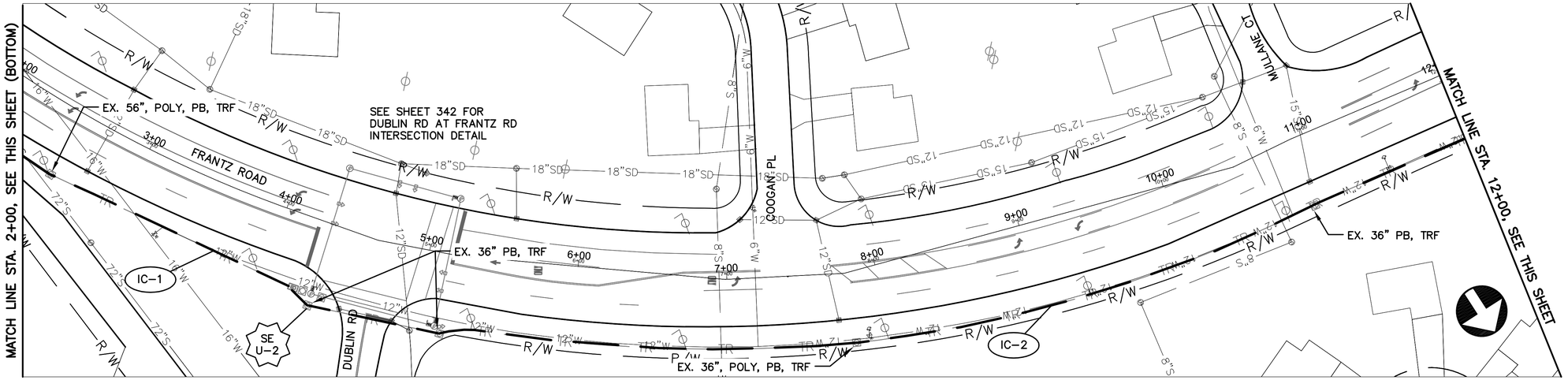
PID NUMBER 13034

INTERCONNECT QUANTITIES
I–270 BETWEEN STA. 423+00 AND 480+00

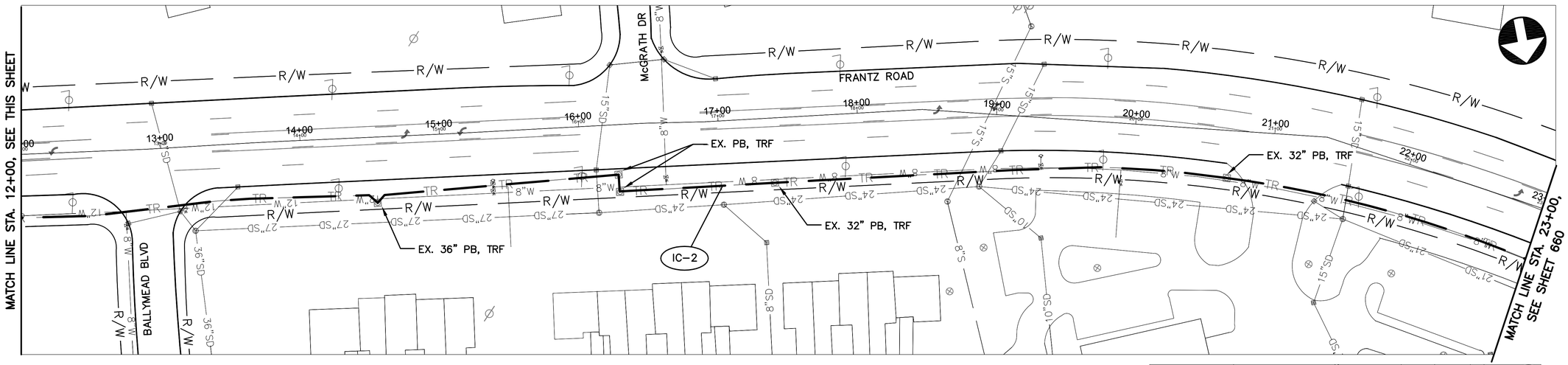
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

2762 DR. E

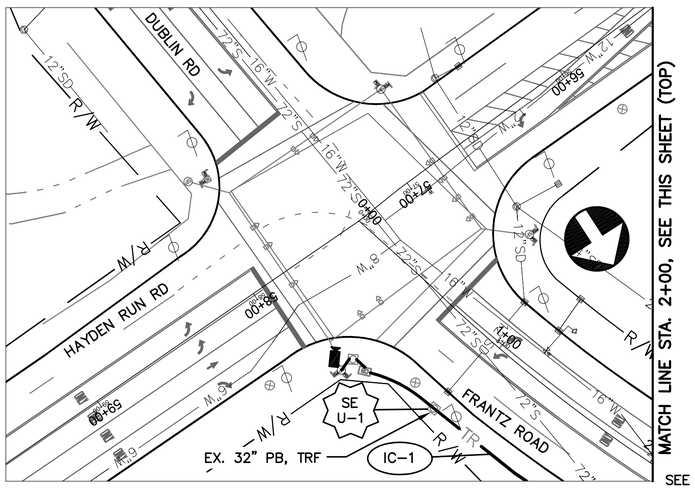
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FRANTZ RD BETWEEN STATION 2+00 AND 12+00



FRANTZ RD BETWEEN STATION 12+00 AND 23+00



FRANTZ RD BETWEEN STATION 0+00 AND 2+00

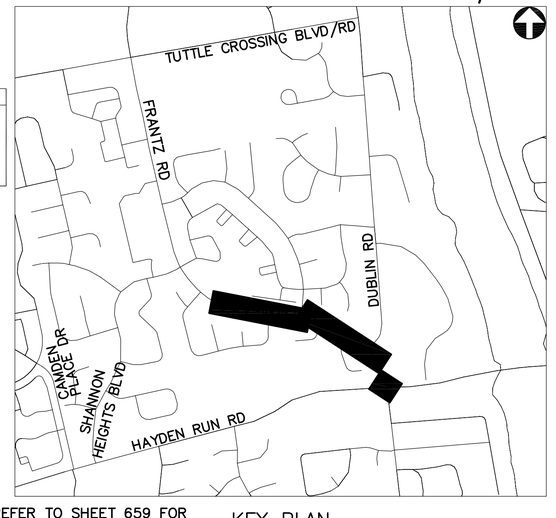
SEE SHEET 340 FOR FRANTZ RD AT HAYDEN RUN RD INTERSECTION DETAIL

NOTES:

1. SEE SHEET 662 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 748 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 659 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

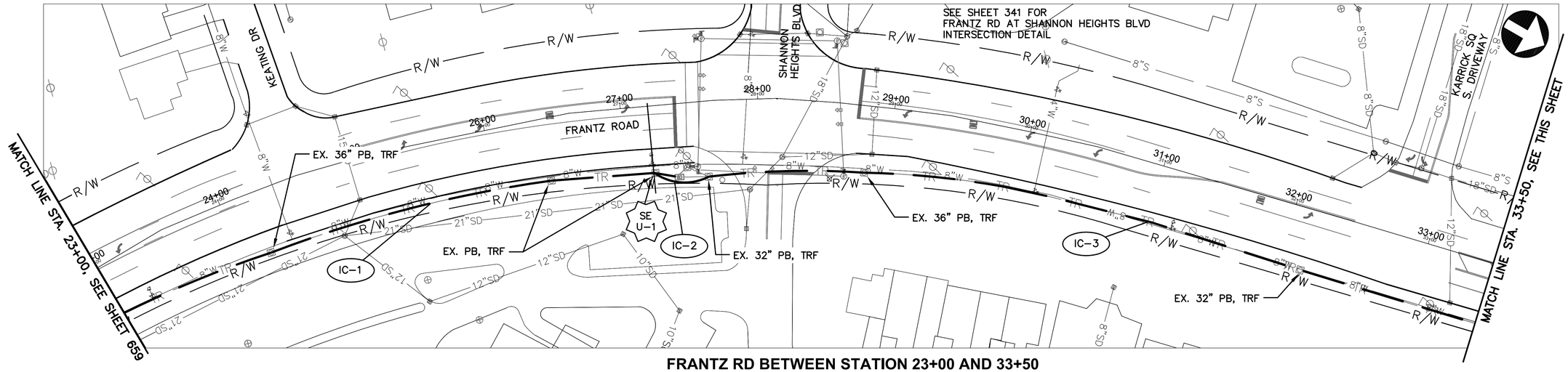
PID NUMBER 13034

INTERCONNECT PLAN
FRANTZ RD BETWEEN STA. 0+00 AND 23+00

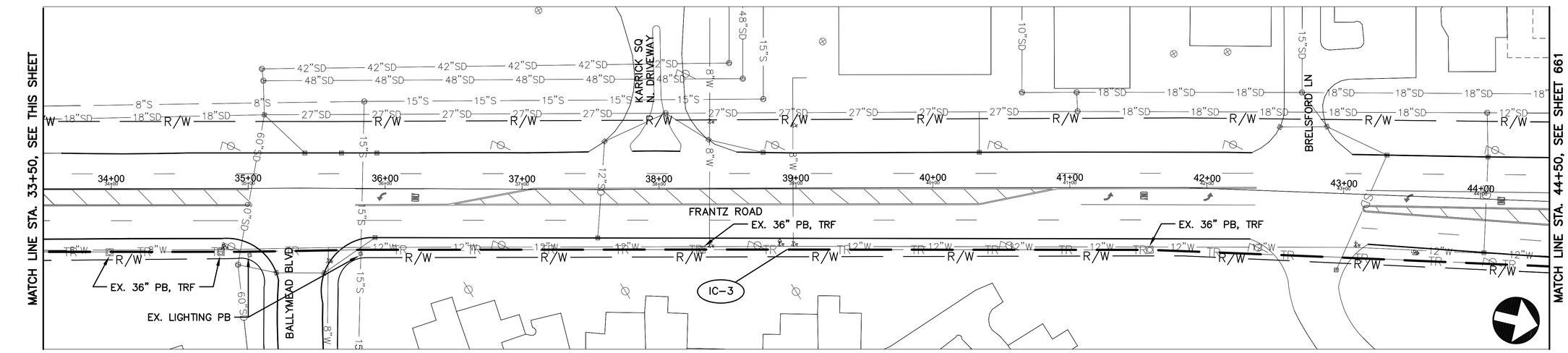
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

659
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_36_Frantz_Corridor.dwg – TC_F-1 layout ~ last saved by: CCI, sdlowry 06/26/2015 04:10pm ~ printed 07/01/2015 06:13pm



FRANTZ RD BETWEEN STATION 23+00 AND 33+50



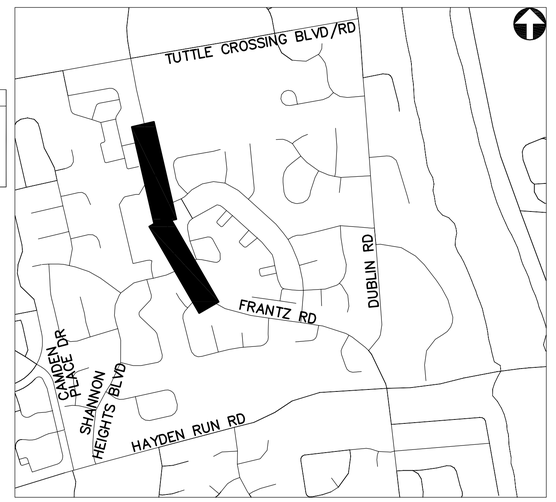
FRANTZ RD BETWEEN STATION 33+50 AND 44+50

NOTES:

1. SEE SHEET 662 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 748 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

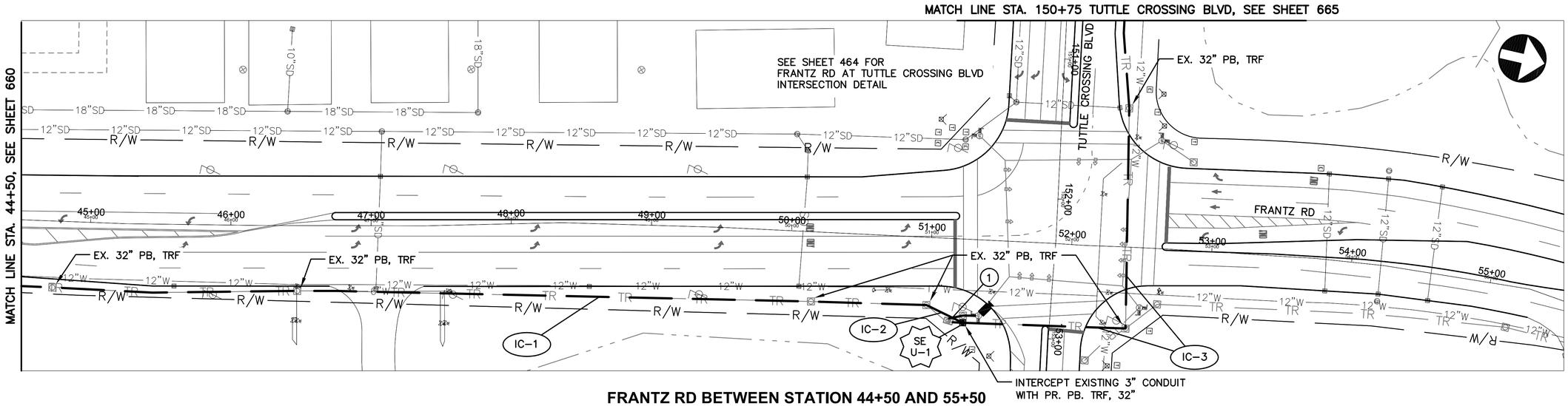
PID NUMBER 13034

INTERCONNECT PLAN
FRANTZ RD BETWEEN STA. 23+00 AND 44+50

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

660
1107

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FRANTZ RD BETWEEN STATION 44+50 AND 55+50

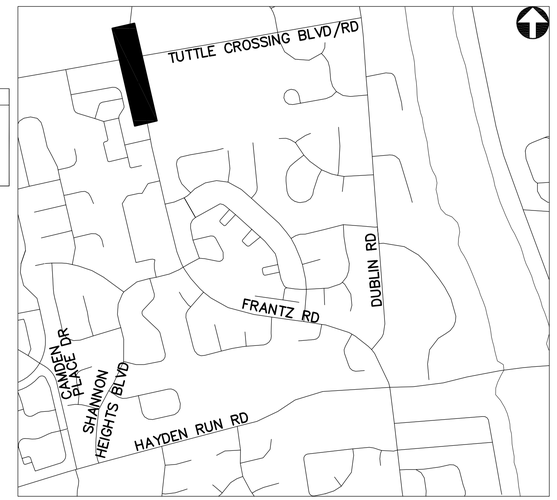
NOTES:

1. SEE SHEET 662 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 748 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 16.

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

INTERCONNECT PLAN
FRANTZ RD BETWEEN STA. 44+50 AND 55+50

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

661
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION		202 EXISTING CONDUIT CLEANED, APP	625 CONDUIT, 3", 725.05, AS PER PLAN	625 PULL BOX, MISC.: CONCRETE, 32"	625 TRENCH, 36" DEEP, AS PER PLAN	804 FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE	804 SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN	FUSION SPLICE, AS PER PLAN *														
			FROM	TO	FT	FT	EACH	FT	FT	EACH															
FRANTZ RD: STA 0+00 TO 23+00																									
659	SE U-1	FRANTZ RD	00+95, 47' RT						75		12														
659	IC-1	FRANTZ RD	00+95, 47' RT	4+35, 57' RT	358				358																
659	SE U-2	FRANTZ RD	4+35, 57' RT						150	1	84														
659	IC-2	FRANTZ RD	4+35, 57' RT	23+00, 38' RT	1919				1919																
659			PULL BOX SLACK						60																
FRANTZ RD: STA 23+00 TO 44+50																									
660	IC-1	FRANTZ RD	23+00, 38' RT	27+11, 46' RT	410				410																
660	SE U-1	FRANTZ RD	27+11, 46' RT			51		51	150	1	84														
660	IC-2	FRANTZ RD	27+11, 46' RT	27+60, 55' RT					51																
660	IC-3	FRANTZ RD	27+60, 55' RT	44+52, 47' RT	1672				1672																
660			PULL BOX SLACK						90																
FRANTZ RD: STA 44+50 TO 55+50																									
661	IC-1	FRANTZ RD	44+52, 47' RT	50+99, 48' RT	647				647																
661	IC-2	FRANTZ RD	50+99, 48' RT	51+25, 60' RT		29	1	29	29																
661	SE U-1	FRANTZ RD	51+25, 60' RT						150	1	84														
661	IC-3	TUTTLE CROSSING BLVD	150+75, 41' LT	152+93, 62' RT	336				336																
661			PULL BOX SLACK						60																
			SHEET TOTAL		5342	80	1	80	6157	3	264	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

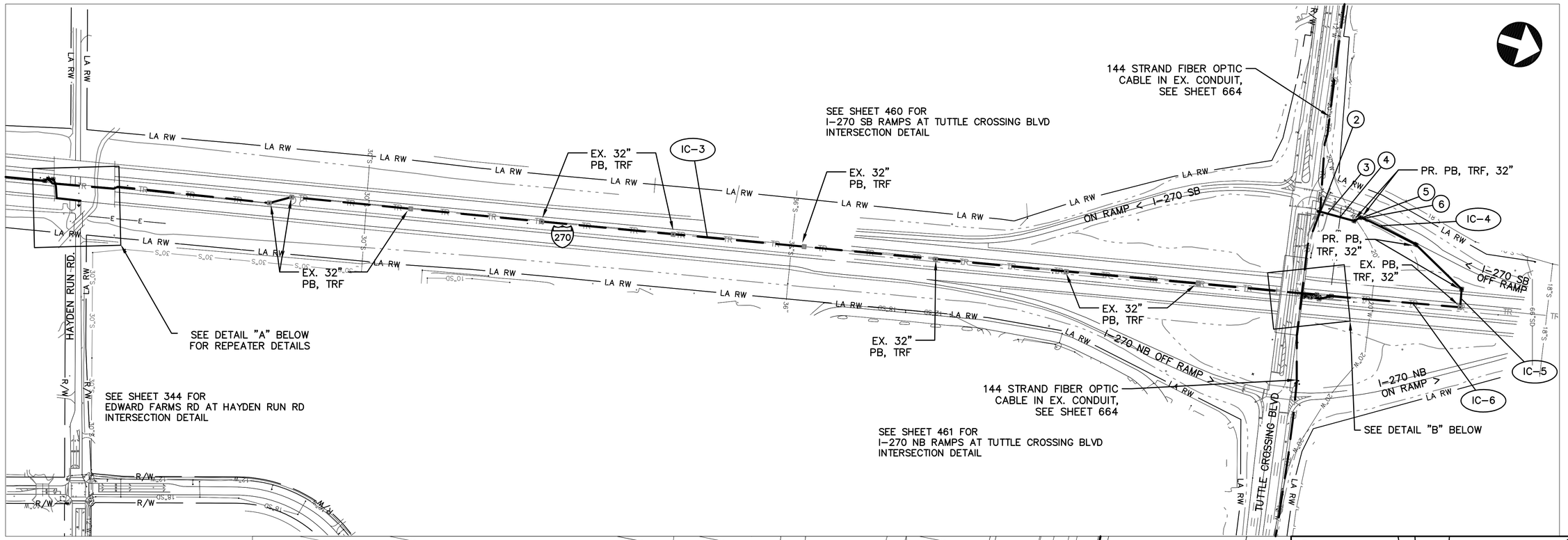
2762 DR. E

PID NUMBER 13034

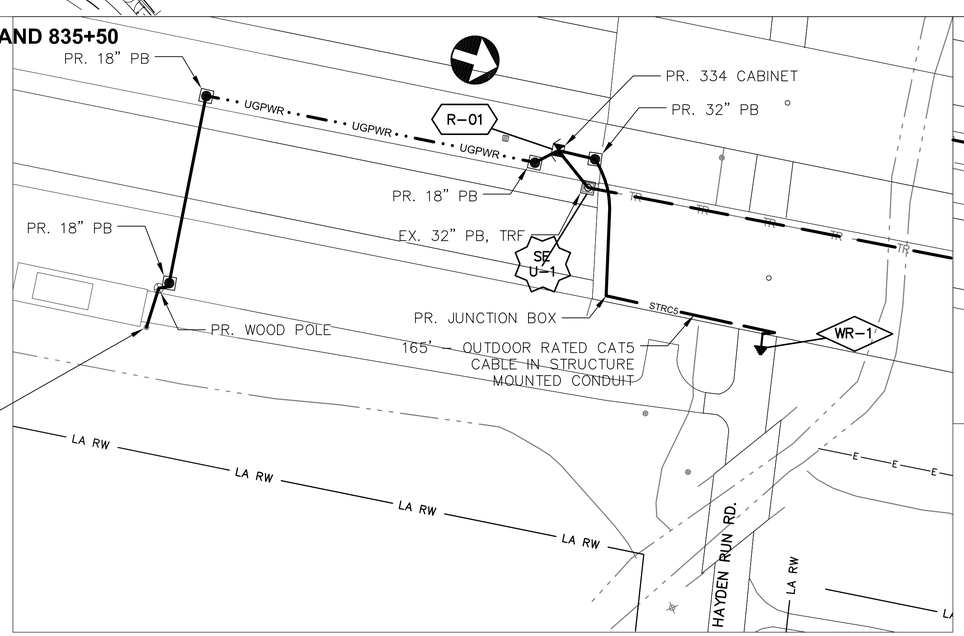
INTERCONNECT QUANTITIES
FRANTZ RD BETWEEN STA. 0+00 AND 55+50

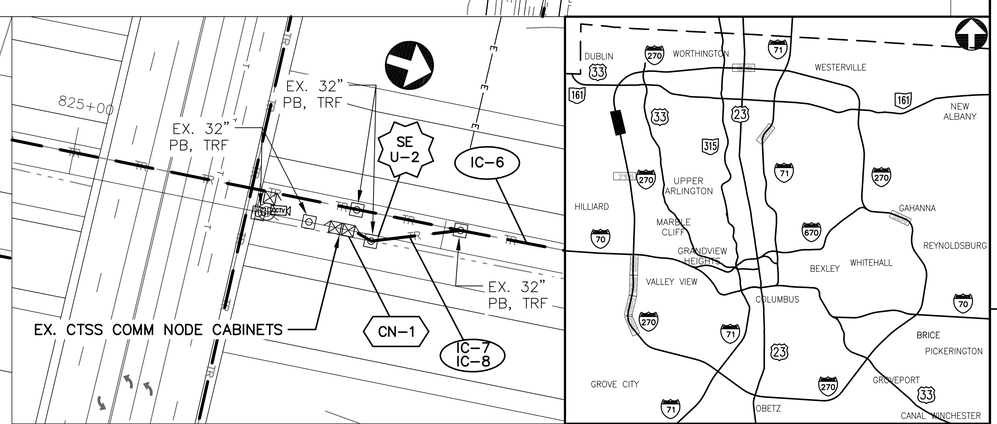
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

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I-270 BETWEEN STATION 776+50 AND 835+50





REPEATER COMMUNICATIONS

R-01 — PROPOSED FIBER CABLE TO EX. NODE #270015.6

PROPOSED WIRELESS SEE SHEET 344

EXISTING AEP POLE W/ TRANSFORMER
X: 1823266
Y: 751870

DETAIL "A"
SCALE: 1"=40'

PR. REPEATER R-01
REFER TO SHEETS 1077 FOR
COMMUNICATION DETAILS

DETAIL "B"
SCALE: 1"=40'

EX. NODE #270015.6
REFER TO SHEETS 1088 AND
1089 FOR COMMUNICATION
DETAILS

KEY PLAN
NOT TO SCALE

REFER TO SHEET 378 FOR
INTERCONNECT SHEET INDEX

(#) EXISTING UTILITY CROSSING.
SEE UTILITY CROSSING INFO
SHEET 16.

NOTES:

1. SEE SHEET 666 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 65 FOR POWER SERVICE DETAILS.
3. SEE SHEETS 39 AND 40 FOR CONDUIT ATTACHED TO STRUCTURE DETAILS AND BRIDGE DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS
UTILITY LEGEND
- SEWER
- WATER
- POWER
- LIGHTING

2762 DR. E

HORIZONTAL SCALE IN FEET
0 200 400

PID NUMBER
13034

INTERCONNECT PLAN
I-270 BETWEEN STA. 776+50 AND 835+50

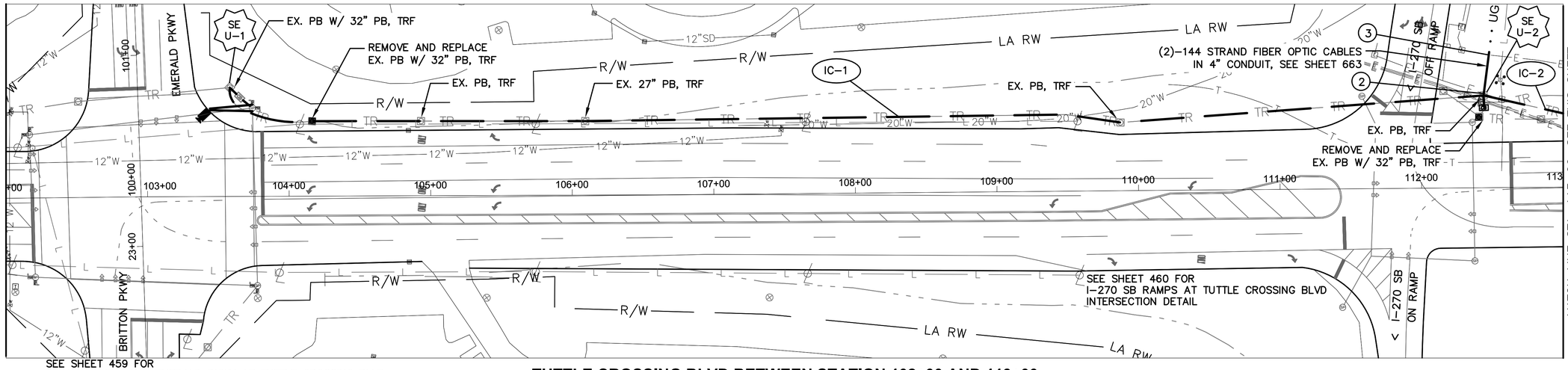
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

663
1107

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SEE 1688 DR. E FOR INTERCONNECT CONT.

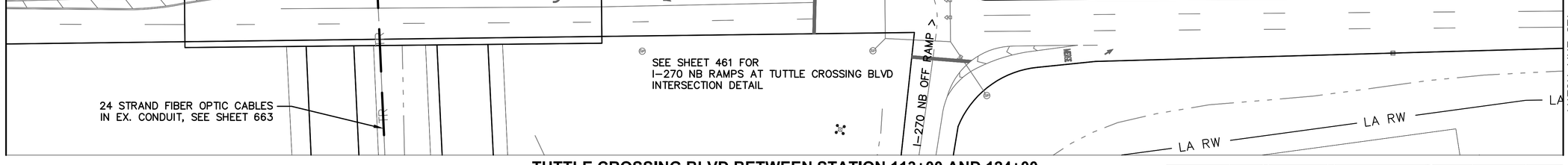
MATCH LINE STA. 113+00, SEE THIS SHEET



TUTTLE CROSSING BLVD BETWEEN STATION 102+00 AND 113+00

MATCH LINE STA. 113+00, SEE THIS SHEET

MATCH LINE STA. 124+00, SEE SHEET 665



TUTTLE CROSSING BLVD BETWEEN STATION 113+00 AND 124+00

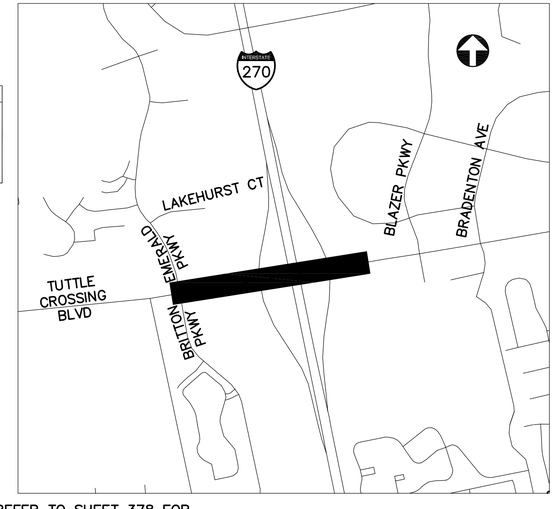
NOTES:

1. SEE SHEET 666 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 748 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 15.

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☒ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

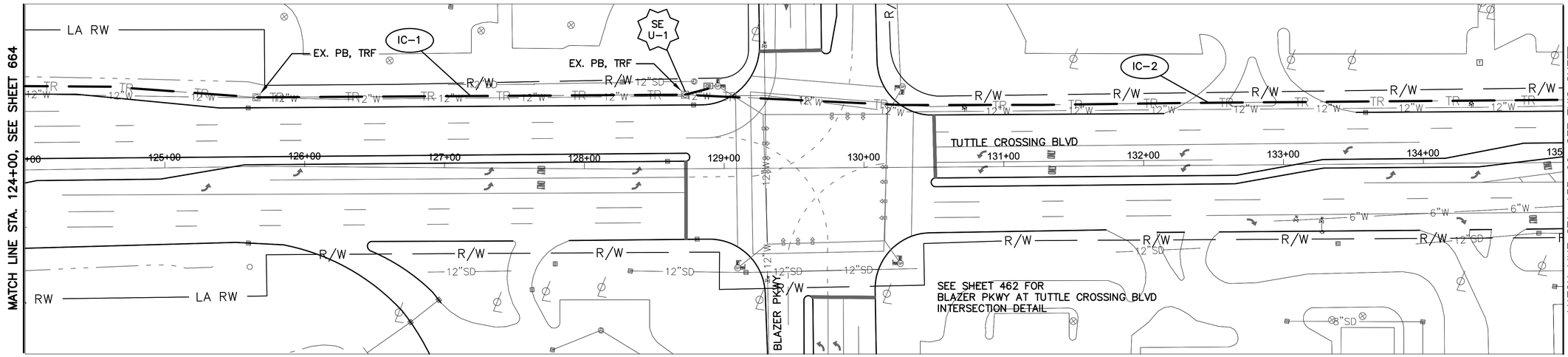
PID NUMBER 13034

INTERCONNECT PLAN
TUTTLE CROSSING BLVD BETWEEN STA. 102+00 AND 124+00

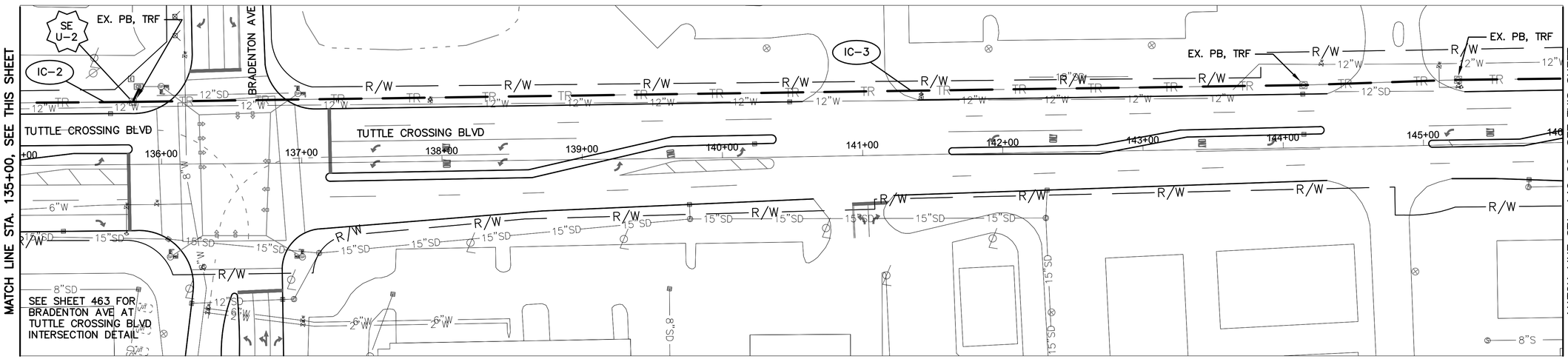
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

664
1107

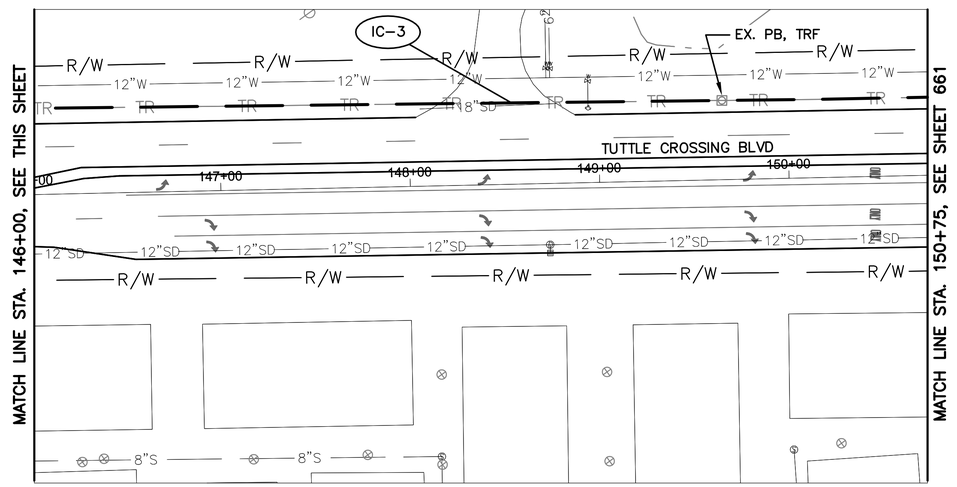
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TUTTLE CROSSING BLVD BETWEEN STATION 124+00 AND 135+00



TUTTLE CROSSING BLVD BETWEEN STATION 135+00 AND 146+00



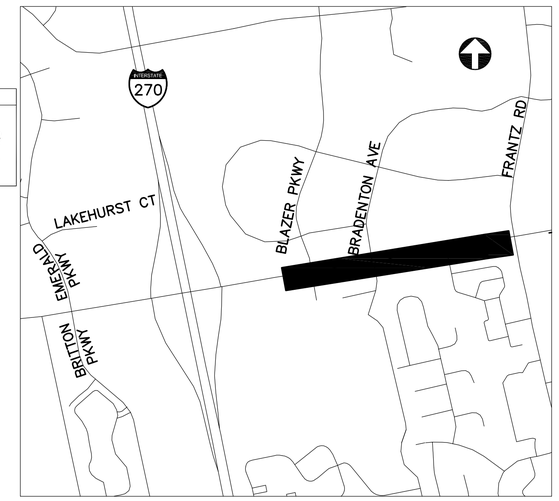
TUTTLE CROSSING BLVD BETWEEN STATION 146+00 AND 150+75

NOTES:

1. SEE SHEET 666 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 748 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

INTERCONNECT PLAN
TUTTLE CROSSING BLVD BETWEEN STA. 124+00 AND 150+75

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

665
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_37_Tuttle_Corridor.dwg - TC-2 layout ~ last saved by: COI, skogantI 06/30/2015 05:51pm ~ printed 07/01/2015 06:17pm

ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION FROM	STATION TO	202 EXISTING CONDUIT CLEANED, AS PER PLAN	625 CONDUIT, 2", 725.05, AS PER PLAN	625 CONDUIT, 3", 725.05, AS PER PLAN	625 CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, 725.05, 3", AS PER PLAN	625 CONDUIT, MISC.: 4" CONDUIT, FIBER-GLASS REINFORCED, ATTACHED TO STRUCTURE	625 NO. 8 AWG 600 VOLT DISTRIBUTION CABLE	625 POWER SERVICE, AS PER PLAN	625 PULL BOX, 18", AS PER PLAN	625 PULL BOX, MISC.: CONCRETE, 32"	625 PULL BOX, REMOVED, AS PER PLAN	625 TRENCH, 36" DEEP, AS PER PLAN	632 WOOD POLE	633 CABINET FOUNDATION	633 CABINET, TYPE 334, AS PER PLAN	633 CONTROLLER ITEM, MISC.: FIBER OPTIC ETHERNET TRANSCEIVER	633 CONTROLLER ITEM, MISC.: LAYER 2 ETHERNET SWITCH	633 INTERCONNECT, MISC.: CAT 5E CABLE, OUTDOOR RATED	804 FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE	804 FIBER OPTIC CABLE, MISC.: 24 STRAND CABLE	804 FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 144 TERMINATION	804 FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 24 TERMINATION	804 FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 288 TERMINATION	804 SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN	FUSION SPLICE, AS PER PLAN *	815 SPREAD SPECTRUM RADIO, AS PER PLAN
					FT	FT	FT	FT	FT	FT	EACH	EACH	EACH	EACH	FT	EACH	EACH	EACH	EACH	EACH	FT	FT	FT	EACH	EACH	EACH	EACH		EACH
I-270: STA 776+50 TO 835+50																													
663	EC-1	I-270	779+38, 332' RT			6					1	1				1													
663	EC-2	I-270	779+38, 332' RT	779+36, 210' RT		120				360		1			120														
663	EC-3	I-270	779+36, 210' RT	779+69, 170' RT					52	106		1																	
663	EC-4	I-270	779+69, 170' RT	779+72, 190' RT		20				60					20														
663	EC-5	I-270	779+72, 190' RT	780+98, 85' RT		58									58						175								
663	EC-6	I-270	780+98, 85' RT	779+43, 76' RT					155												155								
663	R-01	I-270	779+72, 190' RT														1	1		1					1				
663	WR-1	I-270	779+43, 76' RT																										1
626	SE U-1	I-270	780+98, 85' RT																				150				1	12	
663	IC-1	I-270	779+72, 190' RT	780+98, 85' RT			175						1		175								175						
663	IC-2	I-270	780+98, 85' RT	780+85, 08' RT				78					1										78						
663	IC-3	I-270	780+85, 08' RT	827+08, 12' LT	4623																		4623						
663	SE U-2	I-270	826+63, 03' RT																			300	300				1	312	
663	IC-4	I-270	826+36, 327' LT	826+79, 345' LT			1274						4		637							637							
663	IC-5	I-270	831+98, 85' LT	831+99, 16' LT				69														138							
663	IC-6	I-270	831+99, 16' LT	827+08, 12' LT	491																	982							
663	IC-7	I-270	827+08, 12' LT	826+64, 03' RT	46																	92							
663	IC-8	I-270	827+08, 12' LT	826+64, 03' RT																			46						
663	CN-1	I-270	826+64, 03' RT																5					2	2				
663			PULL BOX SLACK							45											10	70	140						
TUTTLE CROSSING BLVD: STA 102+00 TO 124+00																													
664	SE U-1	TUTTLE CROSSING BLVD	103+58, 77' LT																			75					1	12	
664	IC-1	TUTTLE CROSSING BLVD	103+58, 77' LT	112+44, 65' LT	891								1	1								891							
664	SE U-2	TUTTLE CROSSING BLVD	112+44, 65' LT																			150					1	84	
664	IC-2	TUTTLE CROSSING BLVD	112+44, 65' LT	118+98, 63' LT	659																	659							
664	SE U-3	TUTTLE CROSSING BLVD	118+98, 63' LT																			150					1	24	
664	IC-3	TUTTLE CROSSING BLVD	118+98, 63' LT	124+00, 60' LT	504																	504							
664			PULL BOX SLACK																			70							
TUTTLE CROSSING BLVD: STA 124+00 TO 150+75																													
665	IC-1	TUTTLE CROSSING BLVD	124+00, 60' LT	128+72, 53' LT	472																	472							
665	SE U-1	TUTTLE CROSSING BLVD	128+72, 53' LT																			150					1	24	
665	IC-2	TUTTLE CROSSING BLVD	128+72, 53' LT	135+80, 45' LT	708																	708							
665	SE U-2	TUTTLE CROSSING BLVD	135+80, 45' LT																			150					1	24	
665	IC-3	TUTTLE CROSSING BLVD	135+80, 45' LT	150+75, 41' LT	1495																	1495							
665			PULL BOX SLACK																			40							
			SHEET TOTAL		9889	204	1449	147	207	571	1	3	7	1	1010	1	1	1	5	1	340	7733	5512	2	3	-	7	492	1

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

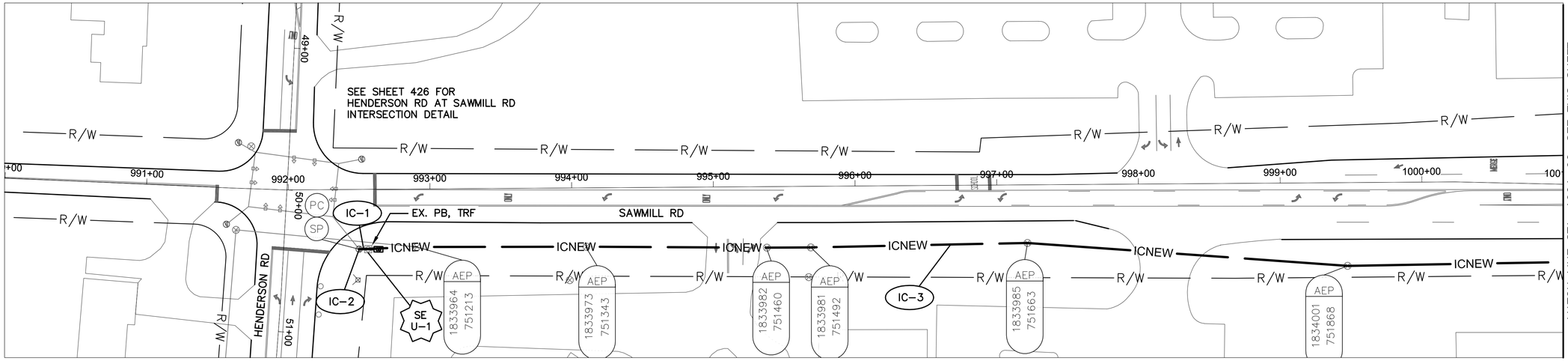
2762 DR. E

PID NUMBER 13034

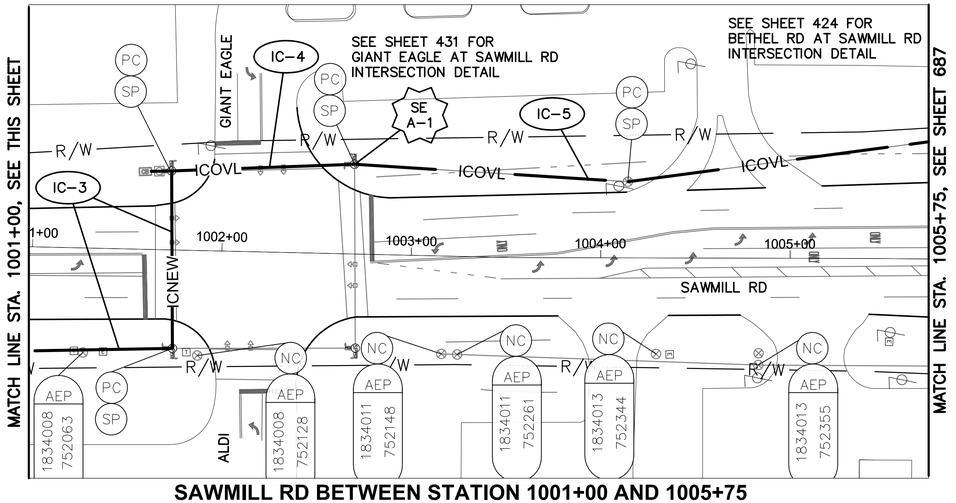
INTERCONNECT QUANTITIES – I–270 BETWEEN STA. 776+50 AND 835+50 & TUTTLE CROSSING BLVD BETWEEN STA. 102+00 AND 150+75

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

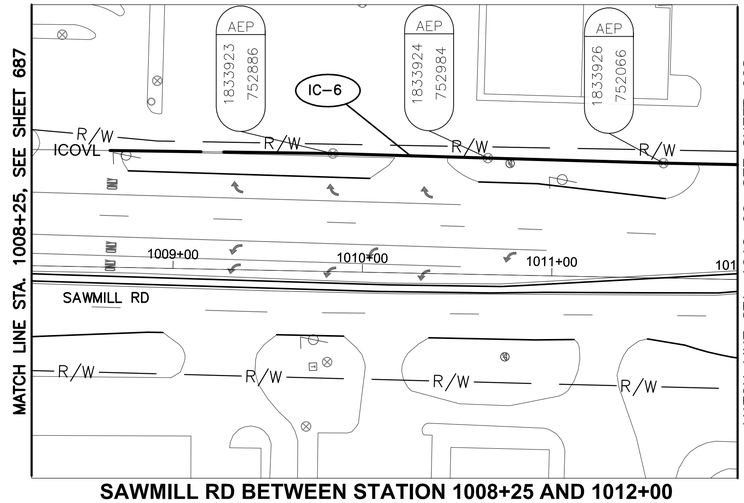
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SAWMILL RD BETWEEN STATION 990+00 AND 1001+00



SAWMILL RD BETWEEN STATION 1001+00 AND 1005+75



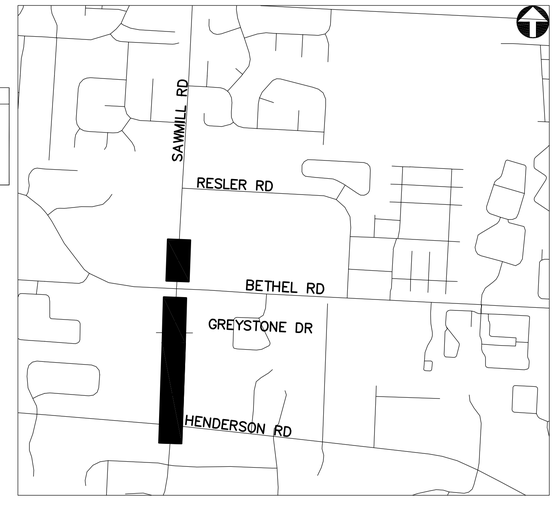
SAWMILL RD BETWEEN STATION 1008+25 AND 1012+00

NOTES:

1. SEE SHEET 683 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 745 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☒ POWER
- ☒ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER
13034

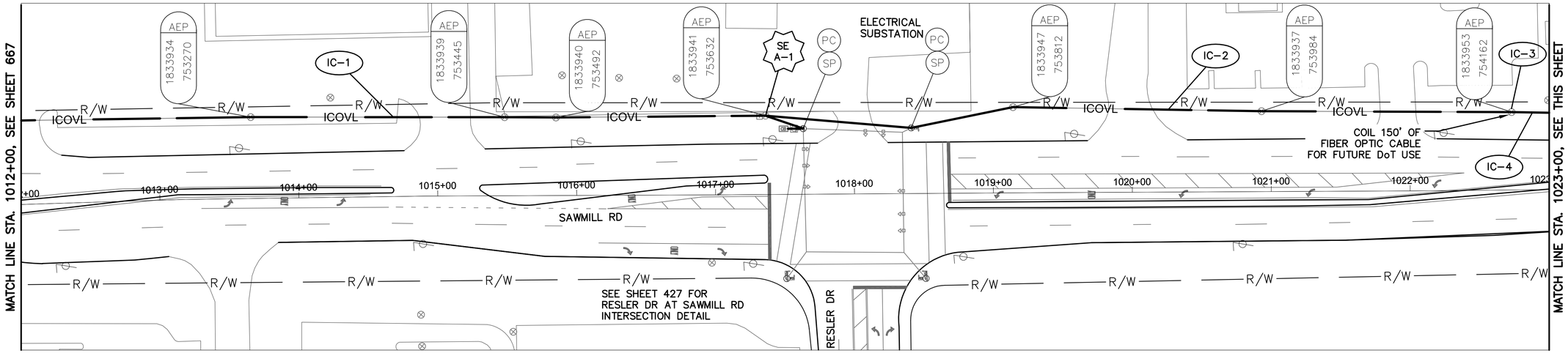
INTERCONNECT PLAN
SAWMILL RD BTW STA. 990+00 AND 1005+75 & 1008+25 AND 1012+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

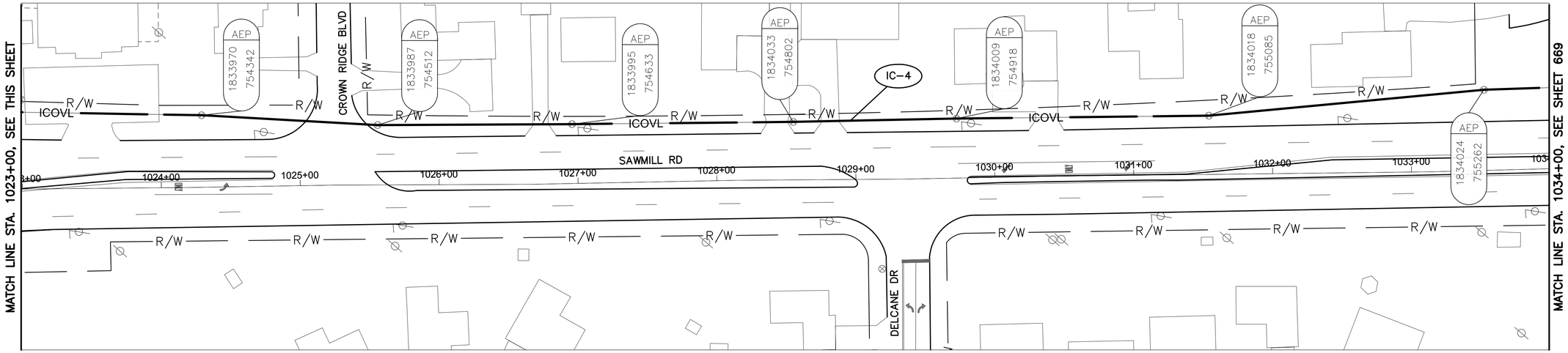
667
1107

2762 DR. E

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SAWMILL RD BETWEEN STATION 1012+00 AND 1023+00



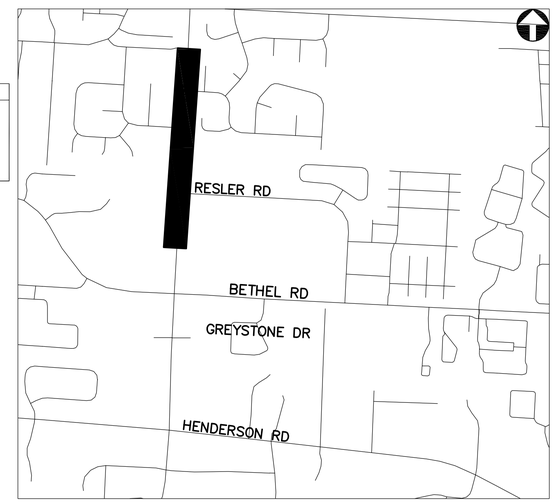
SAWMILL RD BETWEEN STATION 1023+00 AND 1034+00

NOTES:

1. SEE SHEET 683 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 745 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
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OHIO UTILITIES PROTECTION SERVICE

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- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

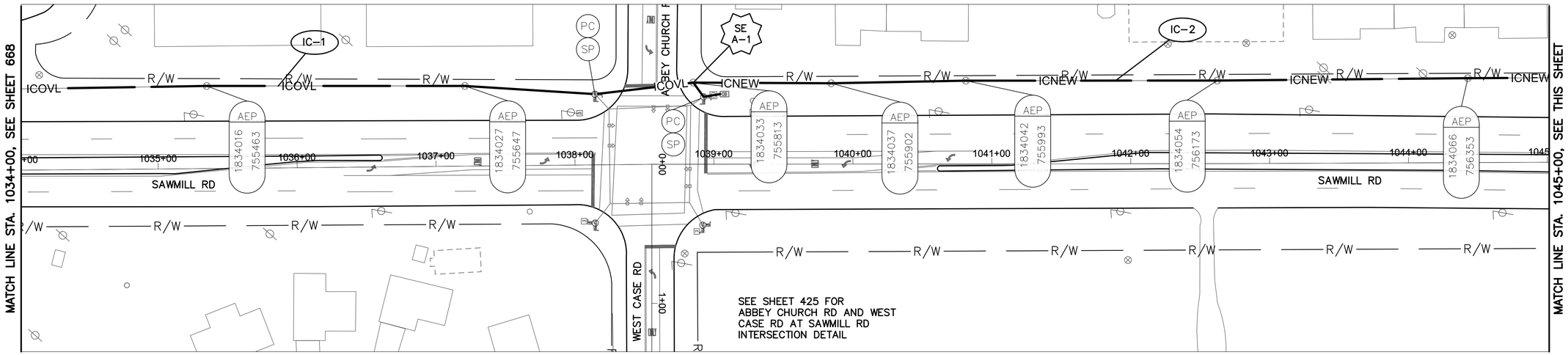
PID NUMBER 13034

INTERCONNECT PLAN
SAWMILL RD BETWEEN STA.1012+00 AND 1034+00

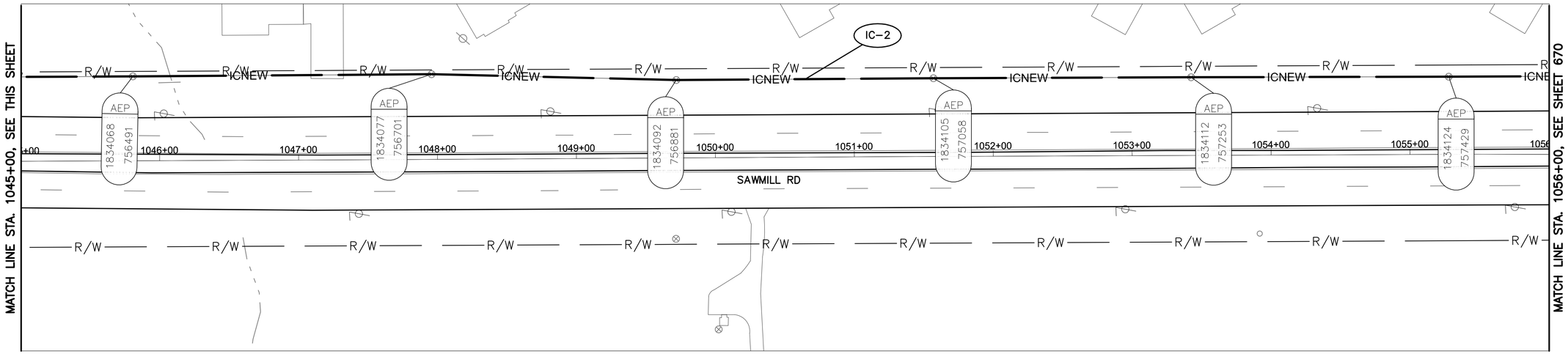
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

668
1107

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SAWMILL RD BETWEEN STATION 1034+00 AND 1045+00



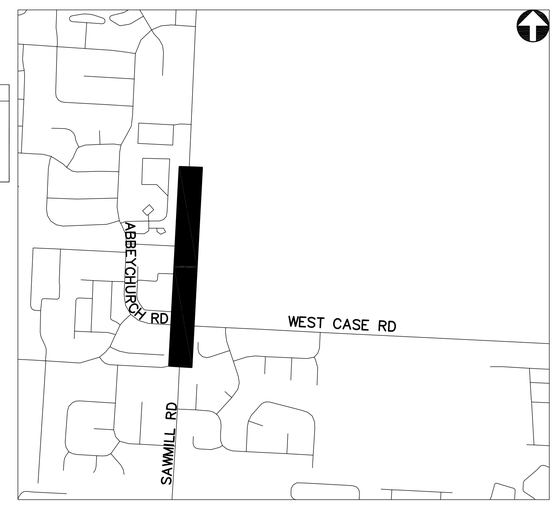
SAWMILL RD BETWEEN STATION 1045+00 AND 1056+00

NOTES:

1. SEE SHEET 683 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 745 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



KEY PLAN
NOT TO SCALE

REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

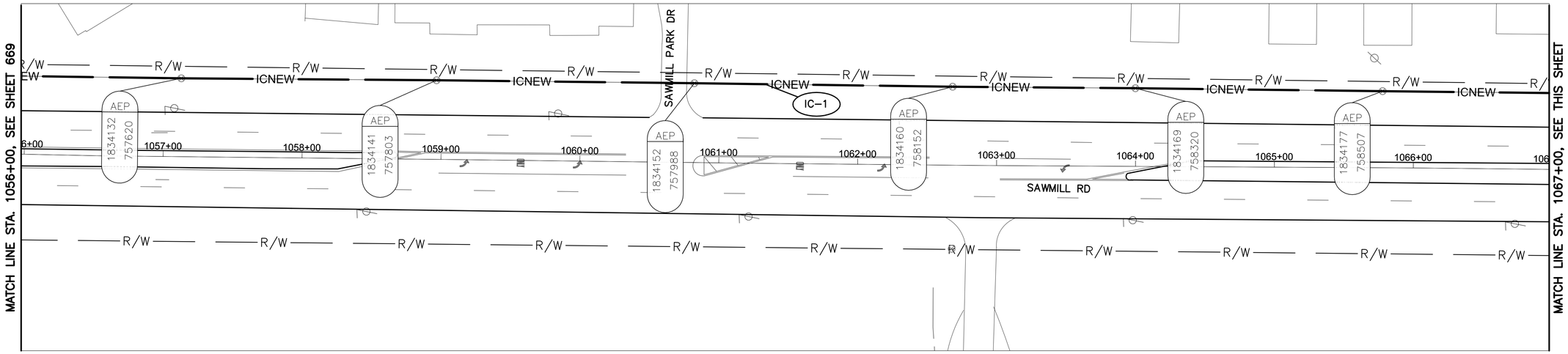
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INTERCONNECT PLAN
SAWMILL RD BETWEEN STA. 1034+00 AND 1056+00

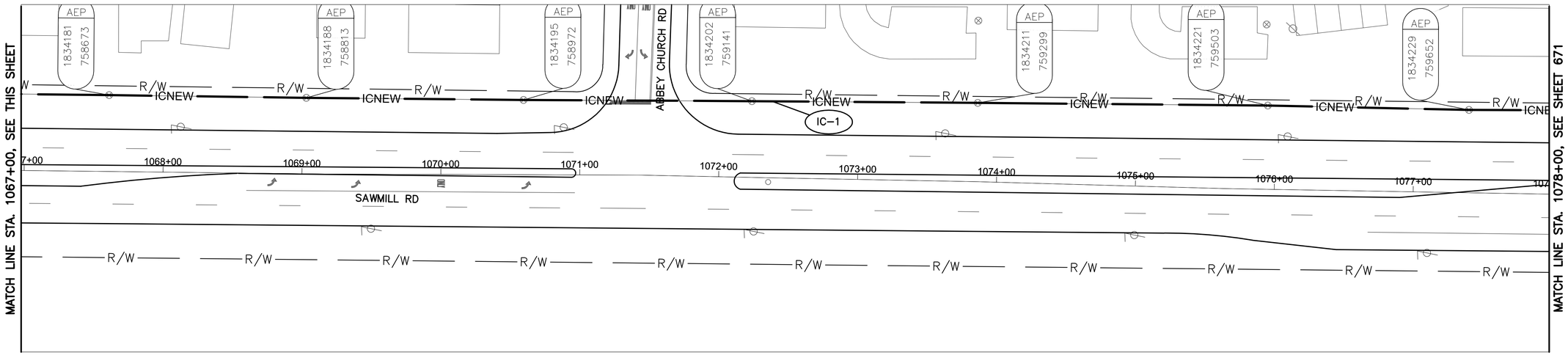
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

669
1107

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SAWMILL RD BETWEEN STATION 1056+00 AND 1067+00



SAWMILL RD BETWEEN STATION 1067+00 AND 1078+00

NOTES:

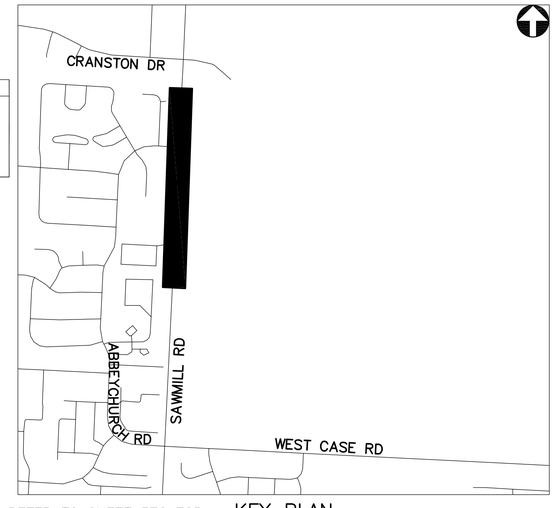
1. SEE SHEET 683 FOR INTERCONNECT QUANTITIES.

2. SEE SHEET 745 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☒ POWER
- ☐ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

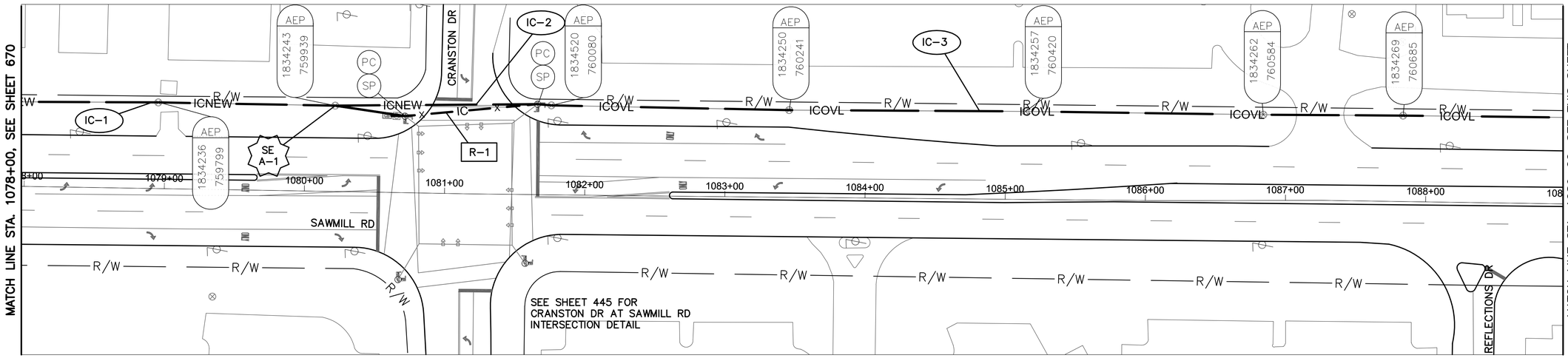
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INTERCONNECT PLAN
SAWMILL RD BETWEEN STA. 1056+00 AND 1078+00

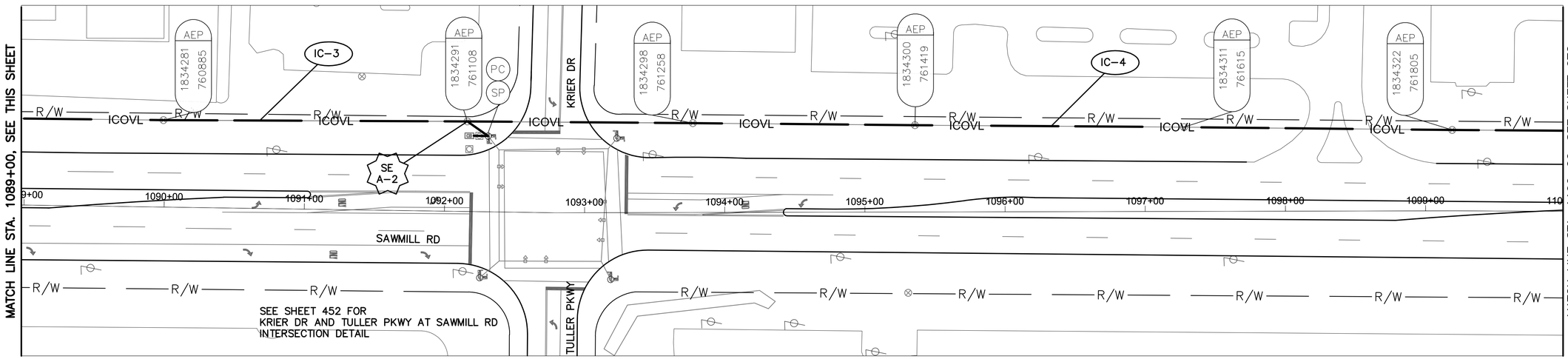
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

670
1107

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SAWMILL RD BETWEEN STATION 1078+00 AND 1089+00



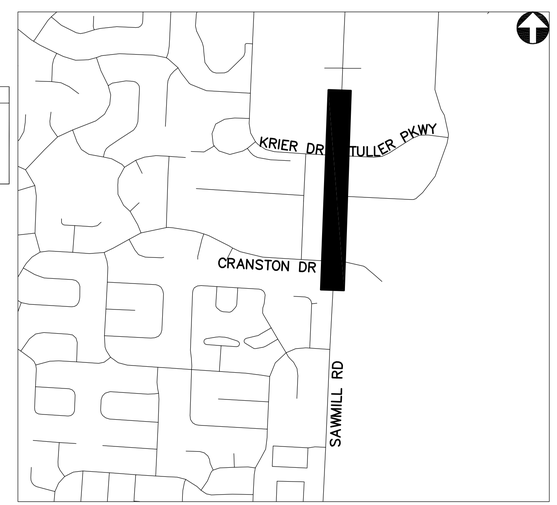
SAWMILL RD BETWEEN STATION 1089+00 AND 1100+00

NOTES:

1. SEE SHEET 683 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 745 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

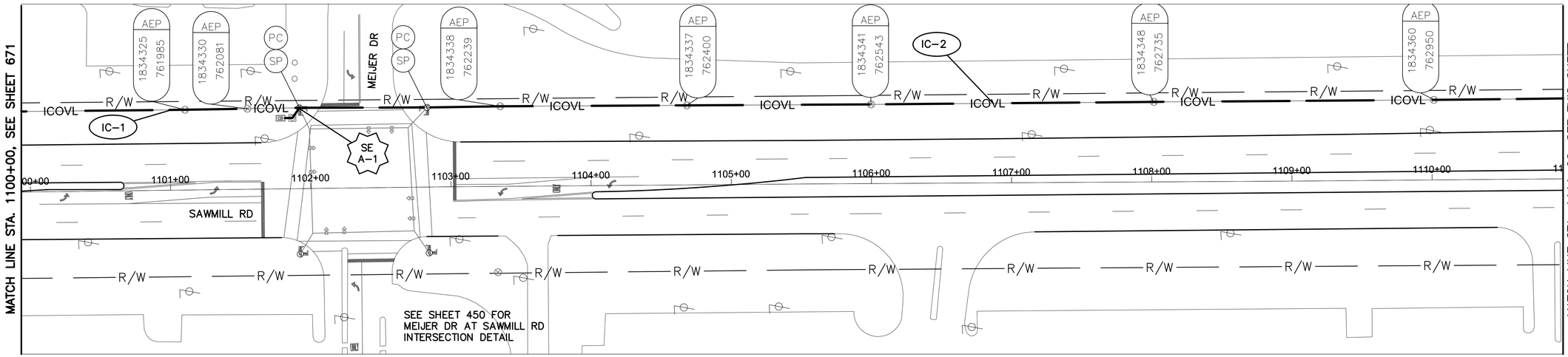
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INTERCONNECT PLAN
SAWMILL RD BETWEEN STA. 1078+00 AND 1100+00

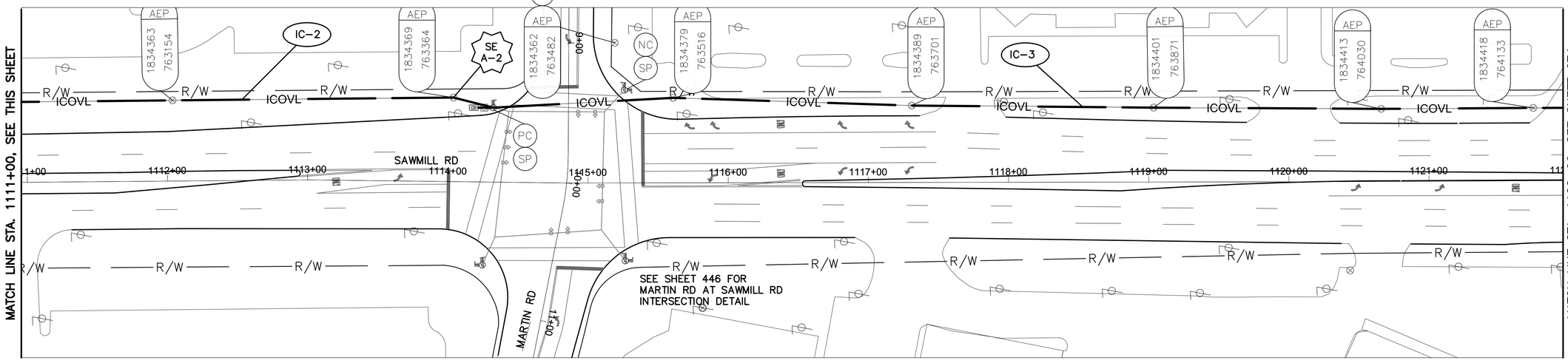
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

671
1107

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SAWMILL RD BETWEEN STATION 1100+00 AND 1111+00



SAWMILL RD BETWEEN STATION 1111+00 AND 1122+00

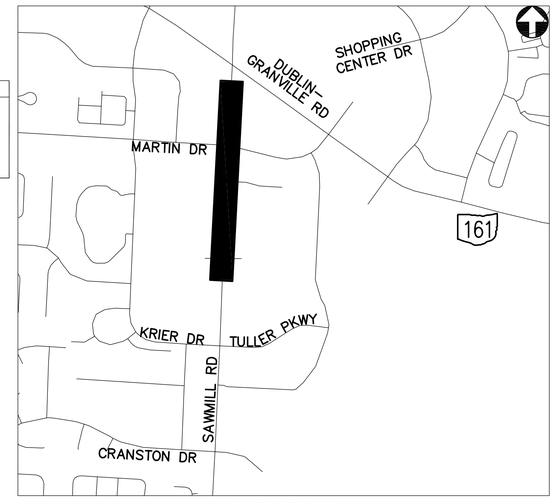
NOTES:

1. SEE SHEET 683 FOR INTERCONNECT QUANTITIES.
2. SEE SHEETS 745 AND 746 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
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CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☒ POWER
- ☐ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

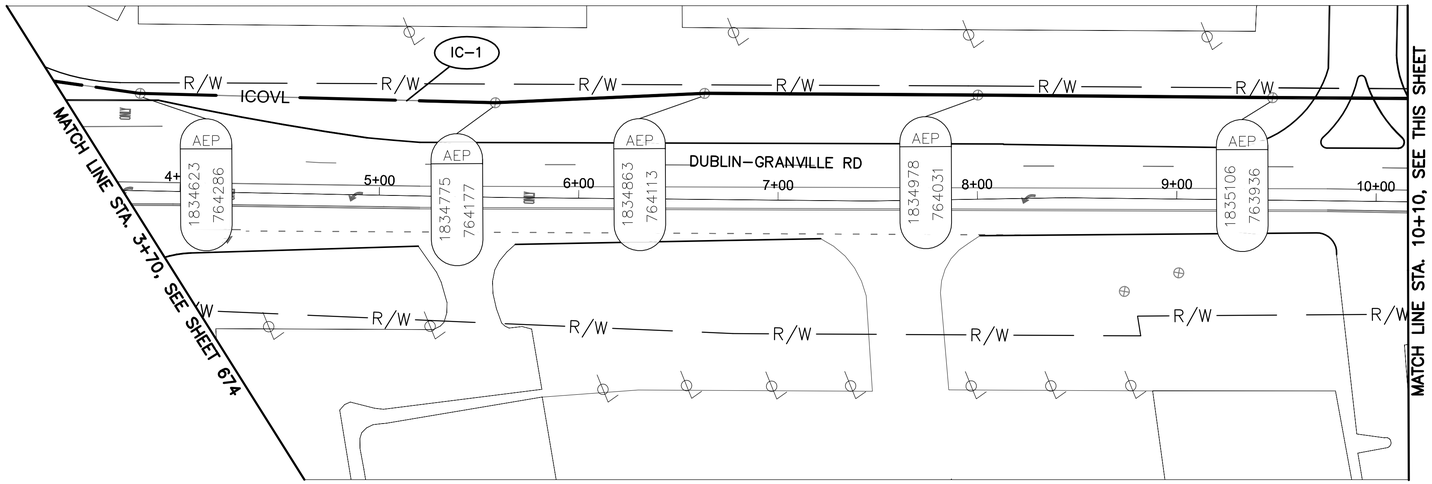
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INTERCONNECT PLAN
SAWMILL RD BETWEEN STA. 1100+00 AND 1122+00

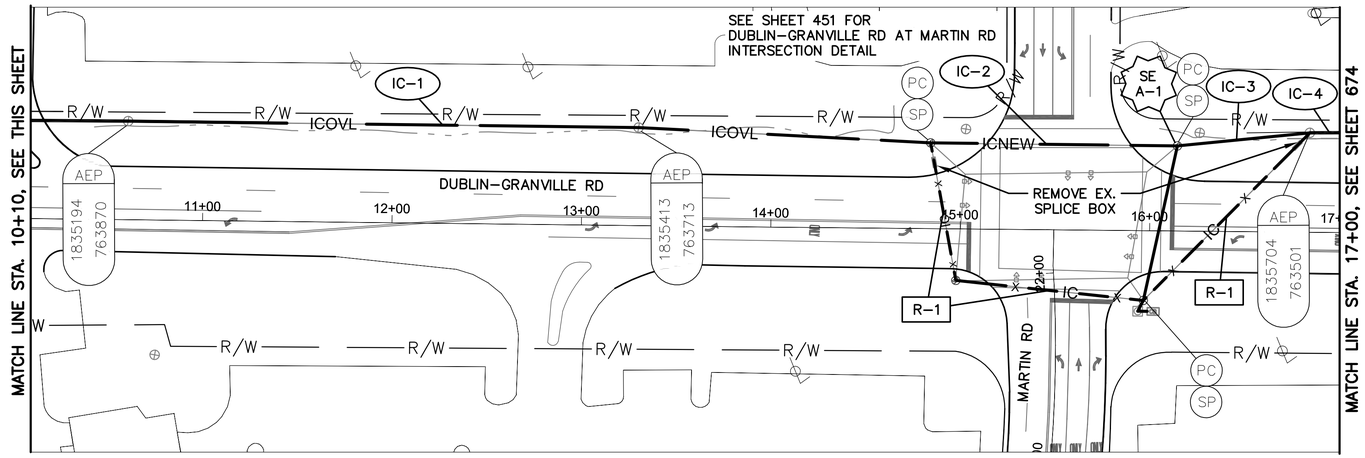
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

672
1107

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DUBLIN-GRANVILLE RD BETWEEN STATION 3+70 AND 10+10



DUBLIN-GRANVILLE RD BETWEEN STATION 10+10 AND 17+00

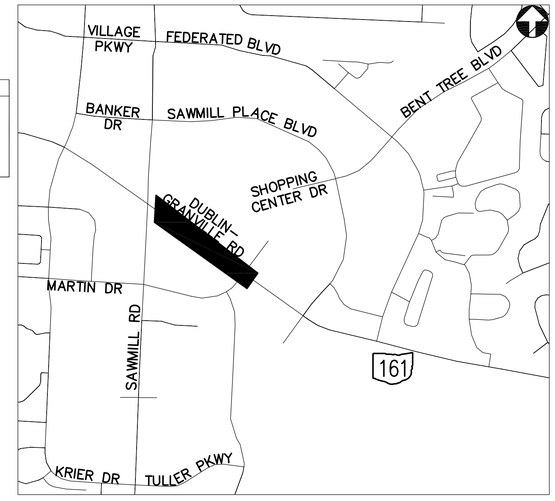
NOTES:

1. SEE SHEET 684 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 746 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
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CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

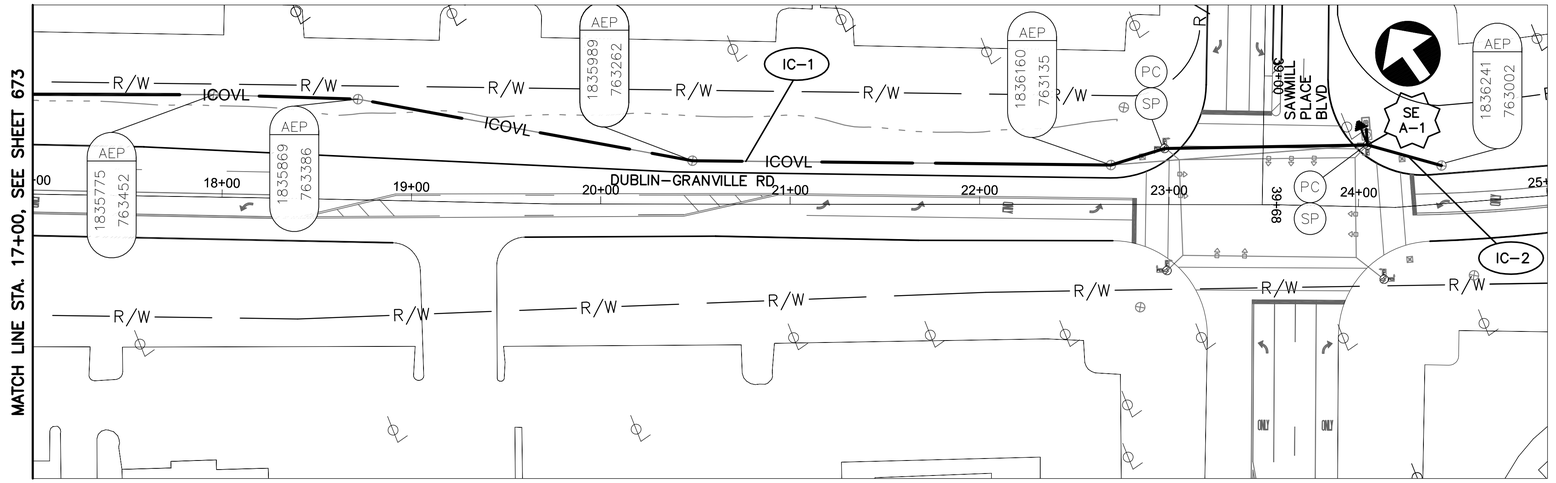
PID NUMBER
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INTERCONNECT PLAN
DUBLIN-GRANVILLE RD BETWEEN STA. 3+70 AND 17+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

673
1107

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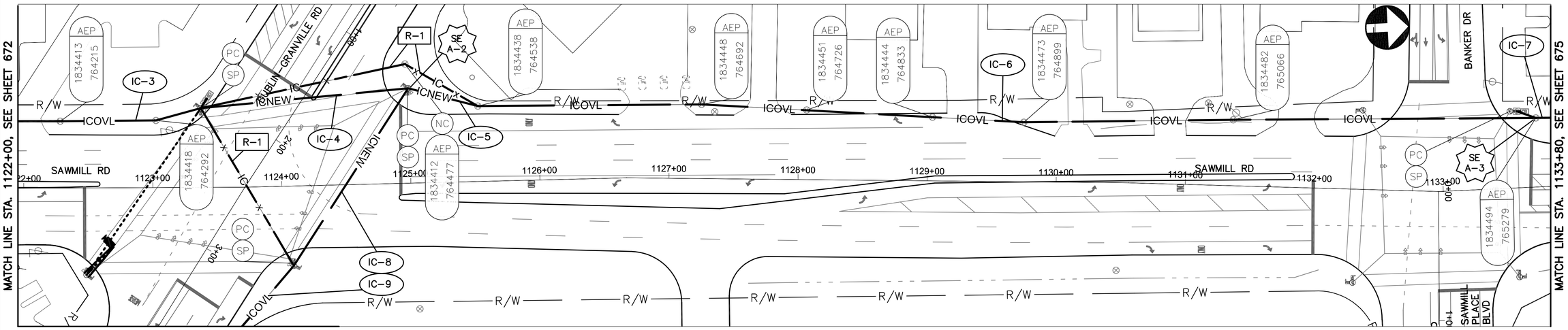


SEE SHEET 454 FOR DUBLIN–GRANVILLE RD AT SAWMILL PLACE BLVD INTERSECTION DETAIL

SEE SHEET 443 FOR DUBLIN–GRANVILLE RD AT SAWMILL RD INTERSECTION DETAIL

DUBLIN GRANVILLE RD BETWEEN STATION 17+00 AND 25+00

SEE SHEET 448 FOR BANKER DR AND SAWMILL PLACE BLVD AT SAWMILL RD INTERSECTION DETAIL



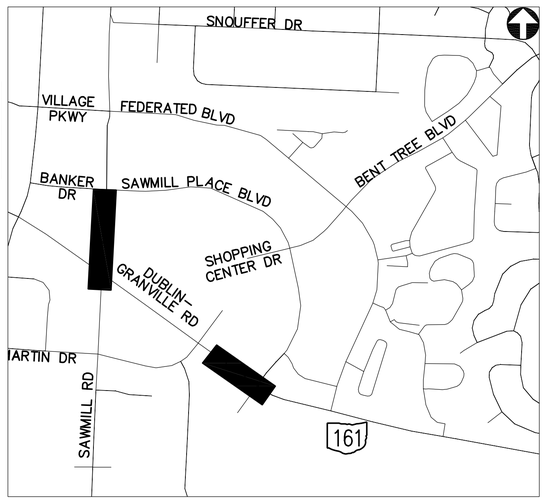
SAWMILL RD BETWEEN STATION 1122+00 AND 1133+80

NOTES:

1. SEE SHEET 684 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 746 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800–362–2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

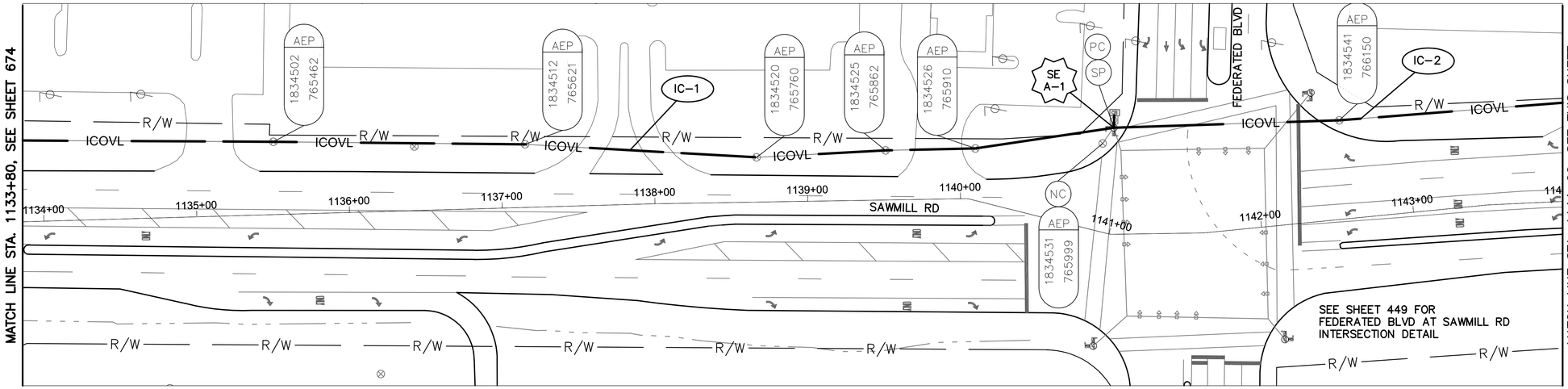
PID NUMBER 13034

INTERCONNECT PLAN DUBLIN–GRANVILLE RD BETWEEN 17+00 AND 25+00
SAWMILL RD BETWEEN STA. 1122+00 AND 1133+80

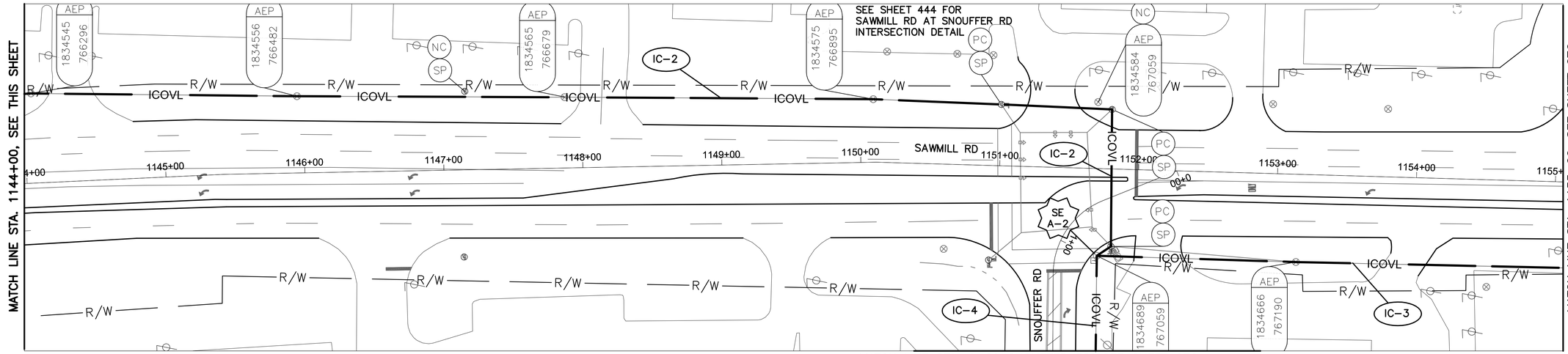
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

674
1107

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SAWMILL RD BETWEEN STATION 1133+80 AND 1144+00



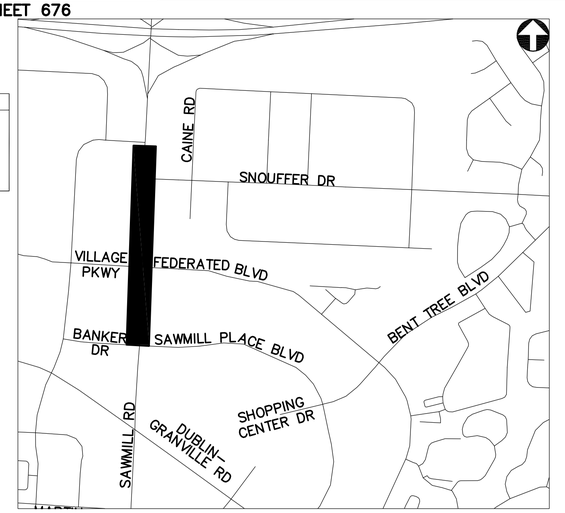
SAWMILL RD BETWEEN STATION 1144+00 AND 1155+00

NOTES:

1. SEE SHEET 684 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 746 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

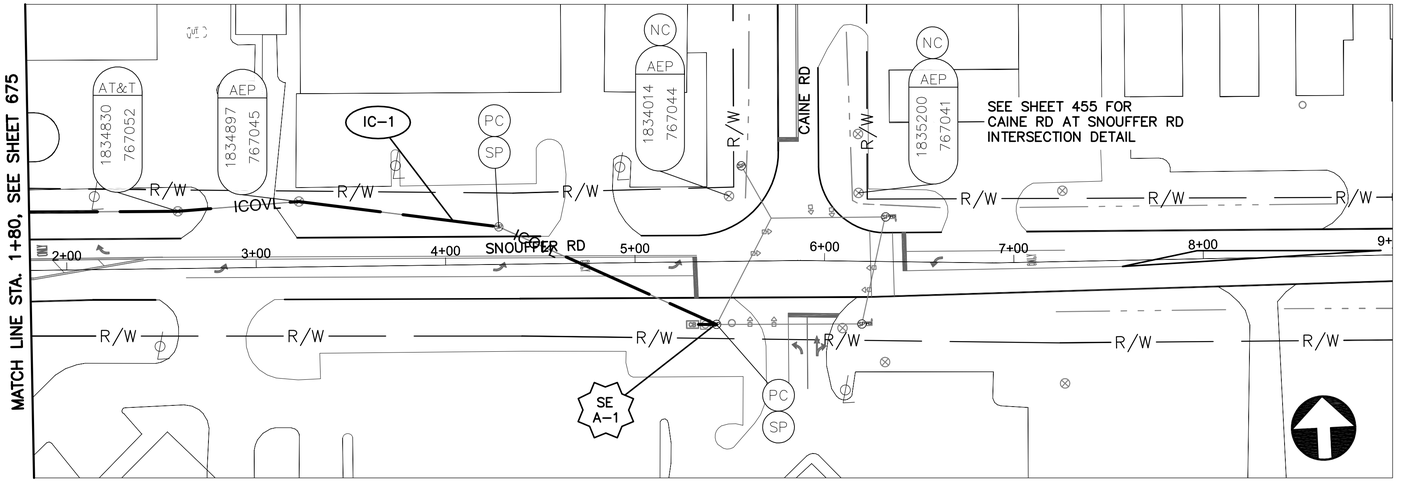
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INTERCONNECT PLAN
SAWMILL RD BETWEEN STA. 1133+80 AND 1155+00

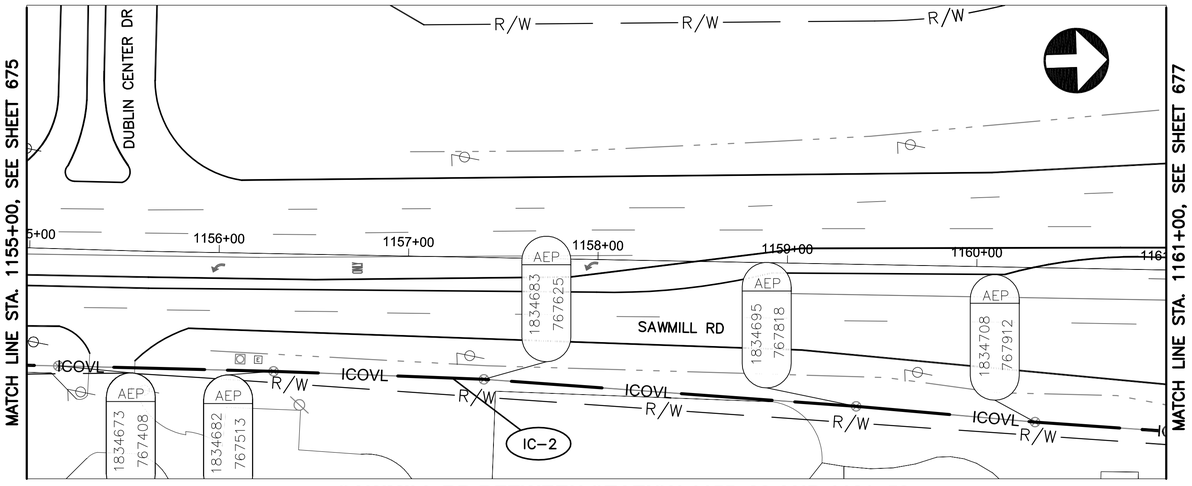
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

675
1107

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SNOUFFER RD BETWEEN STATION 1+80 AND 9+00



SAWMILL RD BETWEEN STATION 1155+00 AND 1161+50

NOTES:

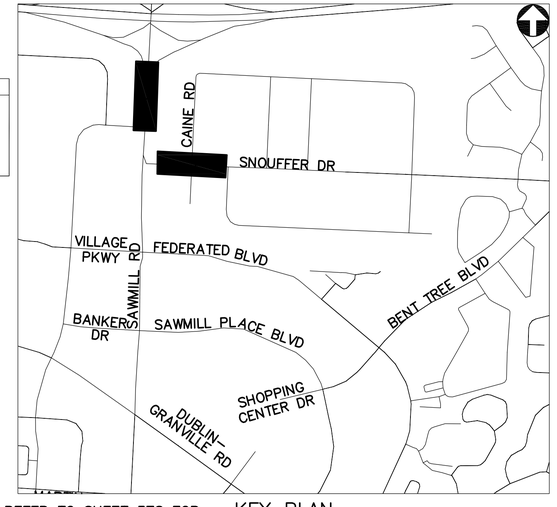
1. SEE SHEET 684 FOR INTERCONNECT QUANTITIES.

2. SEE SHEET 746 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☒ POWER
- ☐ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

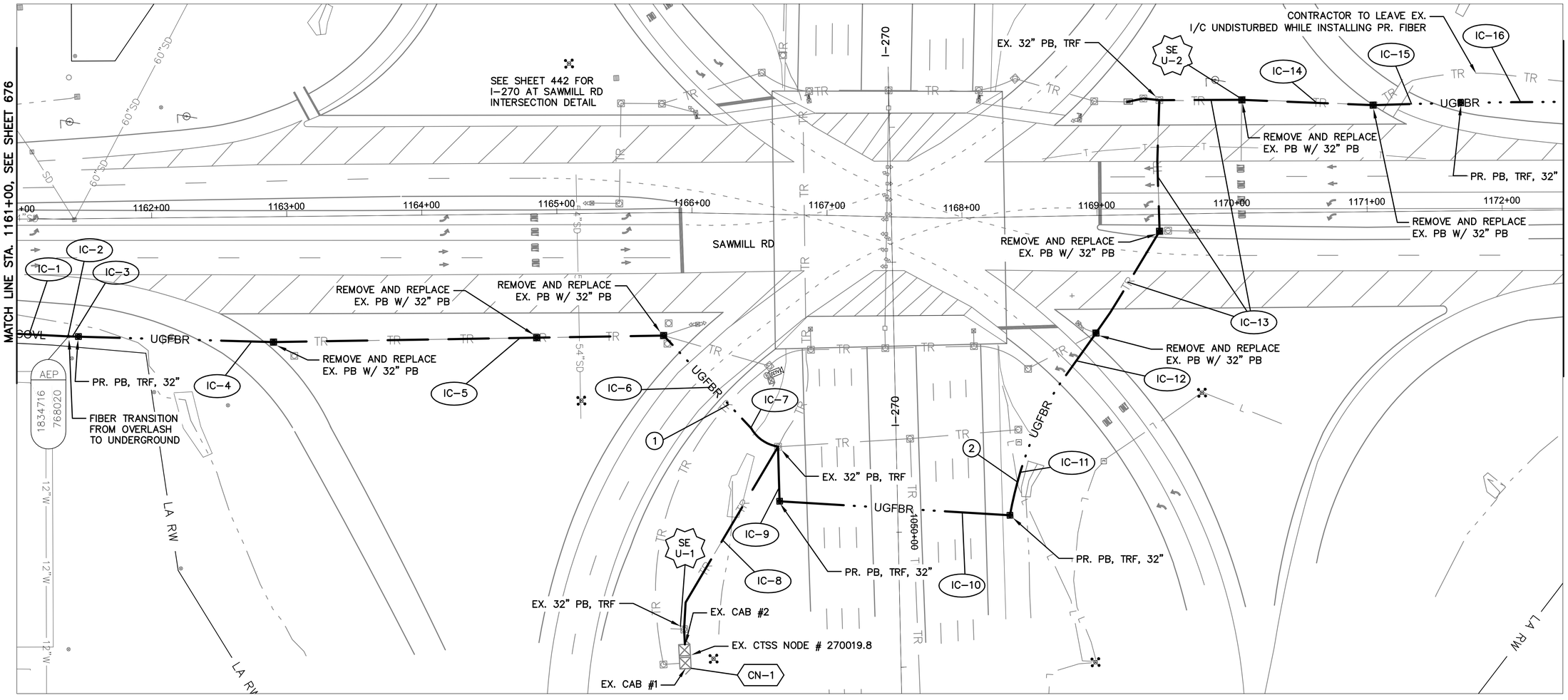
PID NUMBER
13034

INTERCONNECT PLAN – SNOUFFER RD BETWEEN 1+80 AND 9+00
SAWMILL RD BETWEEN STA. 1155+00 AND 1161+50

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

676
1107

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SAWMILL RD BETWEEN STATION 1161+50 AND 1172+50

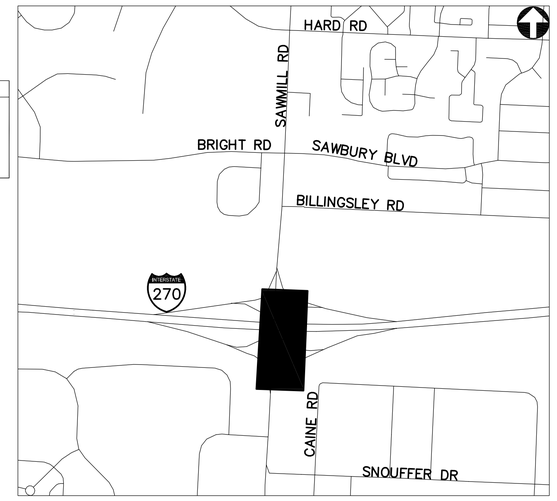
NOTES:

1. SEE SHEET 685 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 746 FOR COMMUNICATION DETAILS.
3. SEE SHEETS 1090 AND 1091 FOR NODE COMM AND SPLICING DETAILS.
4. SEE SHEET 47 FOR PULLBOX REMOVE AND REPLACE DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 16.

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

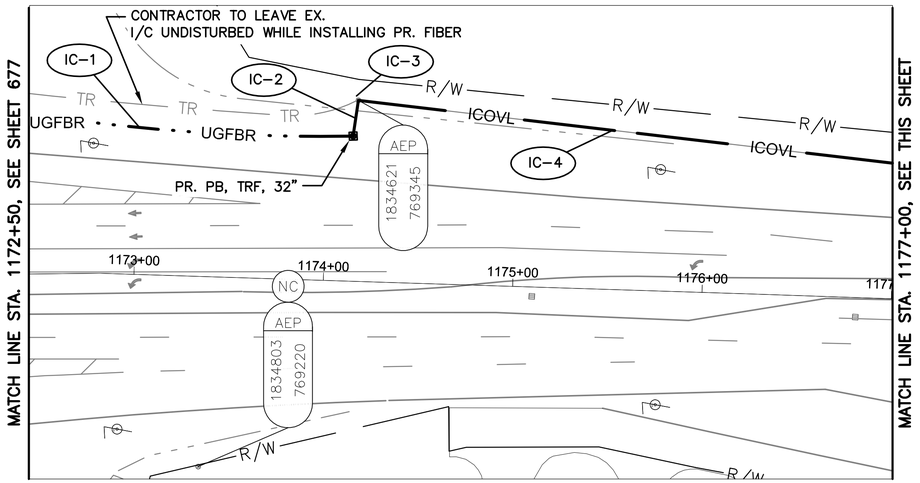
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INTERCONNECT PLAN
SAWMILL RD BETWEEN STATION 1161+50 AND 1172+50

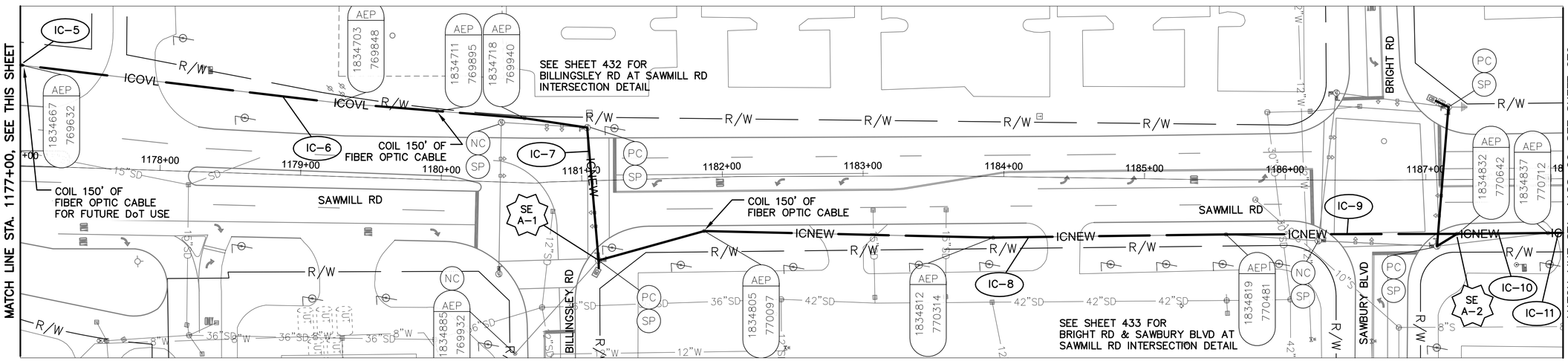
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

677
1107

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SAWMILL RD BETWEEN STATION 1172+50 AND 1177+00



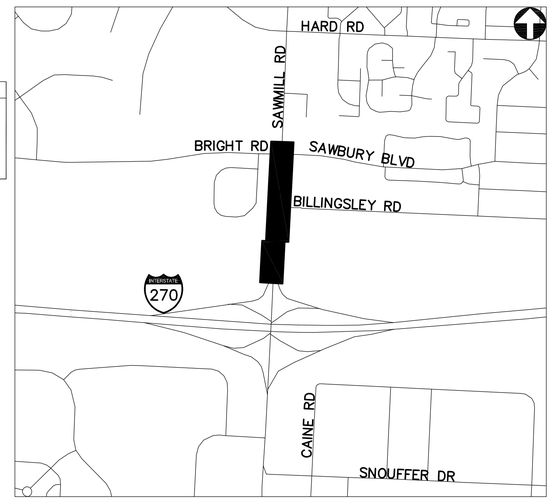
SAWMILL RD BETWEEN STATION 1177+00 AND 1188+00

NOTES:

1. SEE SHEET 685 FOR INTERCONNECT QUANTITIES.
2. SEE SHEETS 746 AND 747 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

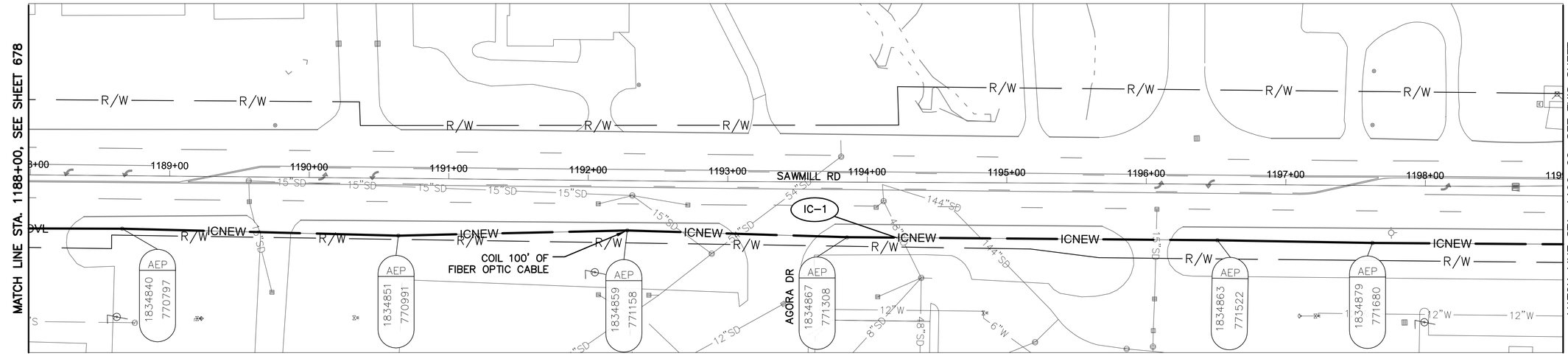
PID NUMBER
13034

INTERCONNECT PLAN
SAWMILL RD BETWEEN STA. 1172+50 AND 1188+00

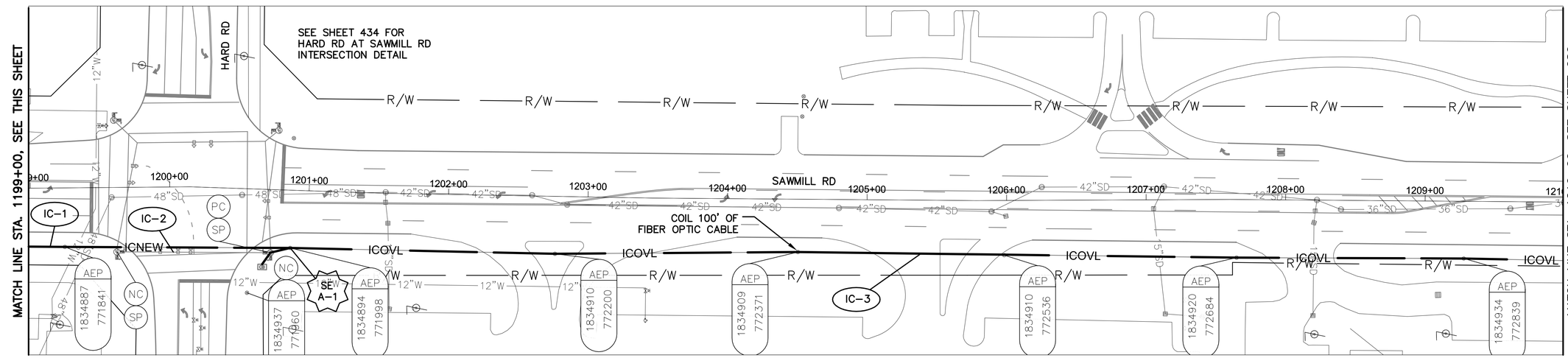
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

678
1107

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SAWMILL RD BETWEEN STATION 1188+00 AND 1199+00



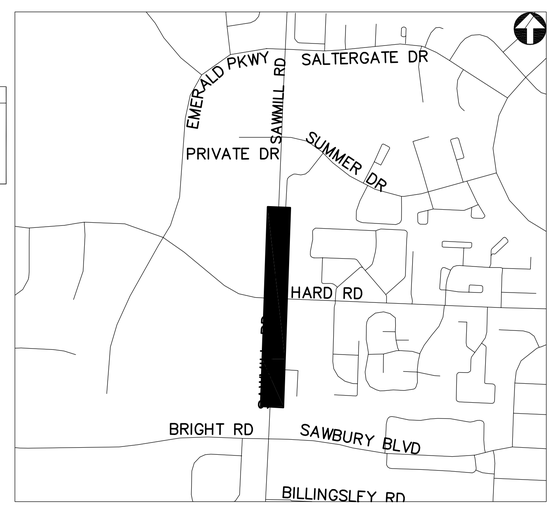
SAWMILL RD BETWEEN STATION 1199+00 AND 1210+00

NOTES:

1. SEE SHEET 685 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 747 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

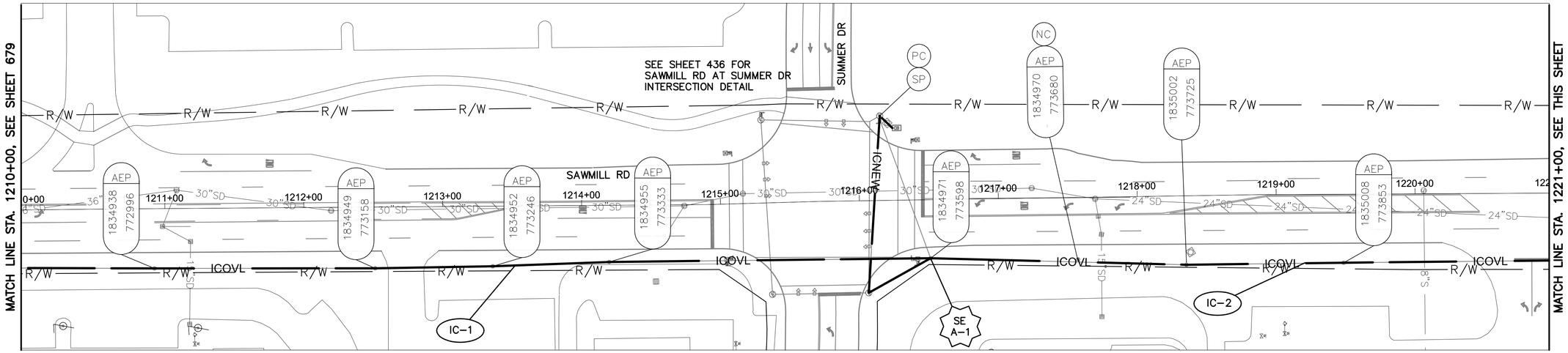
PID NUMBER 13034

INTERCONNECT PLAN
SAWMILL RD BETWEEN STA. 1188+00 AND 1210+00

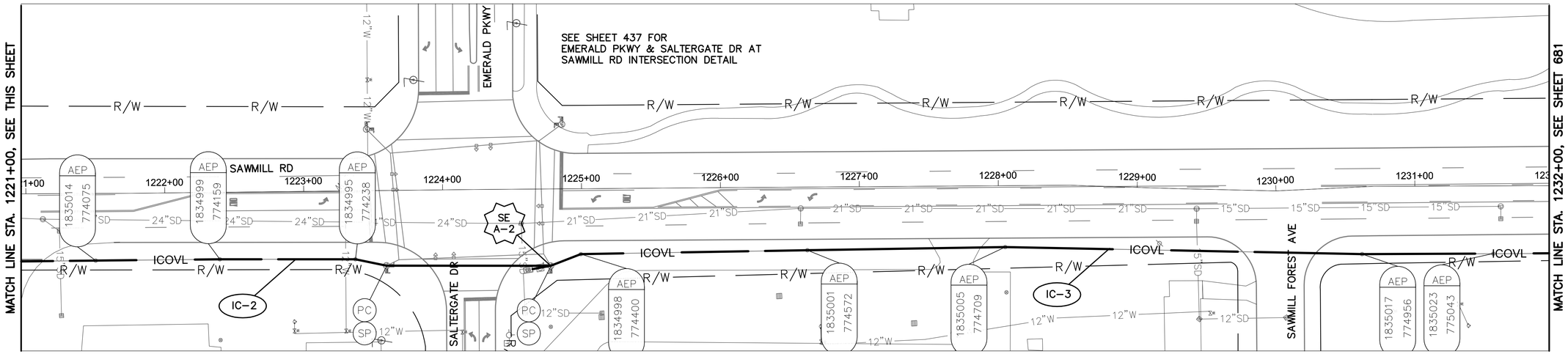
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

679
1107

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SAWMILL RD BETWEEN STATION 1210+00 AND 1221+00



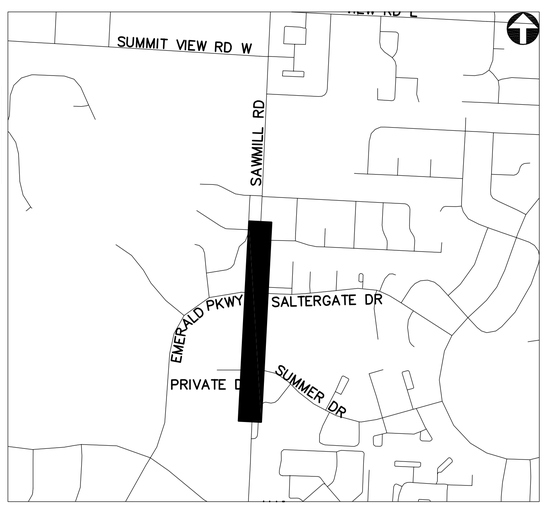
SAWMILL RD BETWEEN STATION 1221+00 AND 1232+00

NOTES:

1. SEE SHEET 685 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 747 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

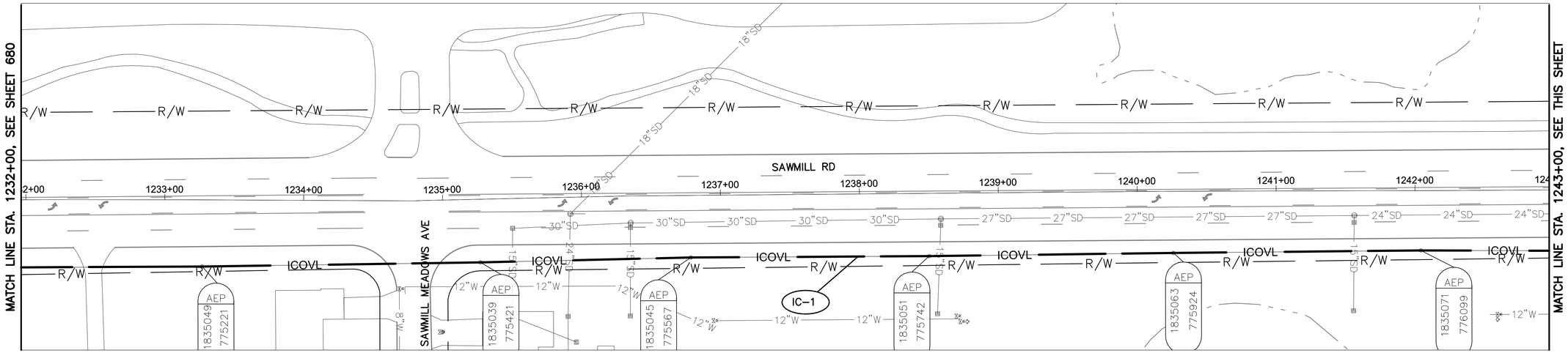
PID NUMBER 13034

INTERCONNECT PLAN
SAWMILL RD BETWEEN STA. 1210+00 AND 1232+00

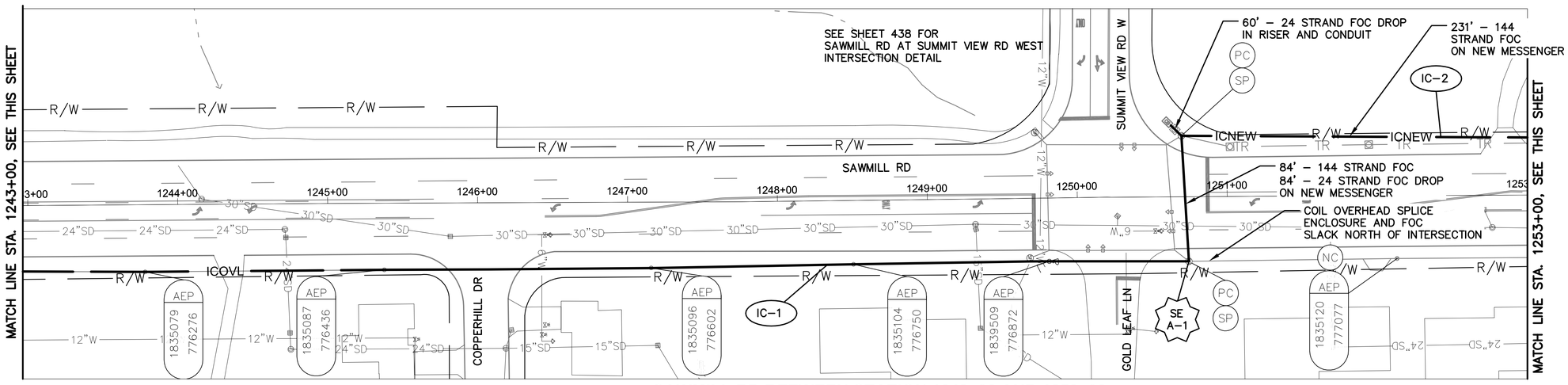
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

680
1107

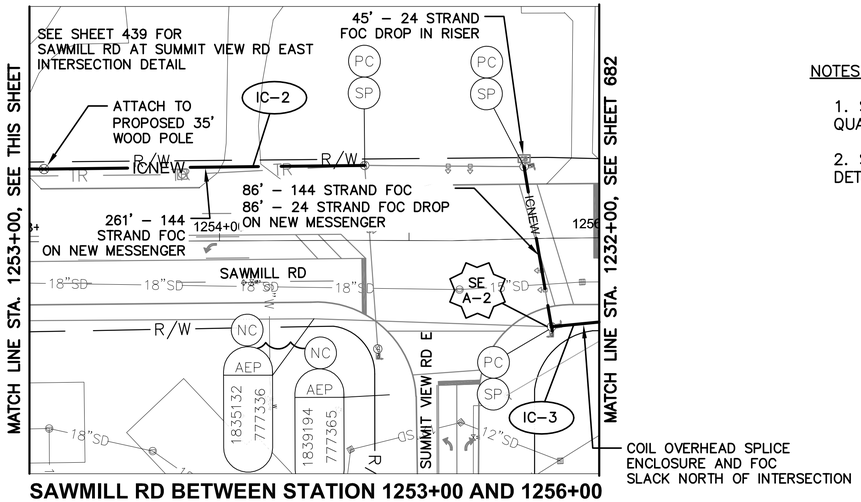
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SAWMILL RD BETWEEN STATION 1232+00 AND 1243+00



SAWMILL RD BETWEEN STATION 1243+00 AND 1253+00



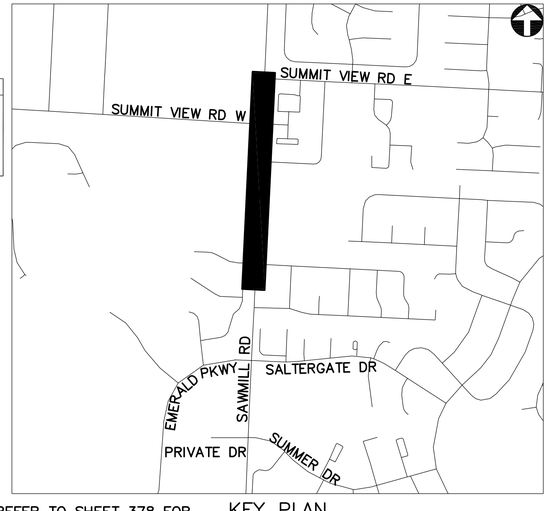
SAWMILL RD BETWEEN STATION 1253+00 AND 1256+00

NOTES:

1. SEE SHEET 685 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 747 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

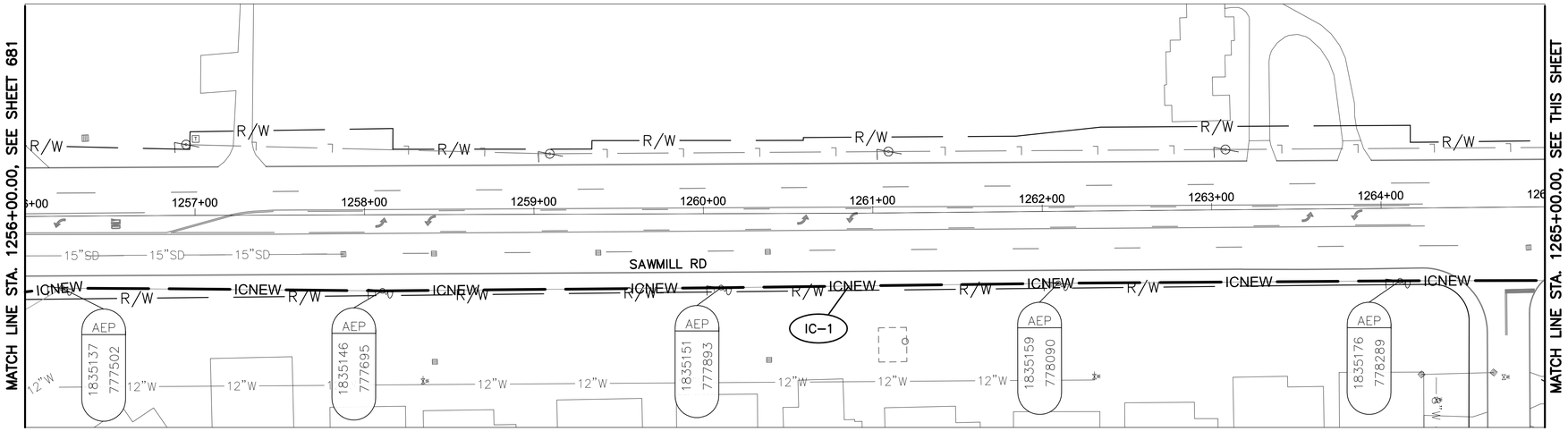
PID NUMBER 13034

INTERCONNECT PLAN
SAWMILL RD BETWEEN STA. 1232+00 AND 1256+00

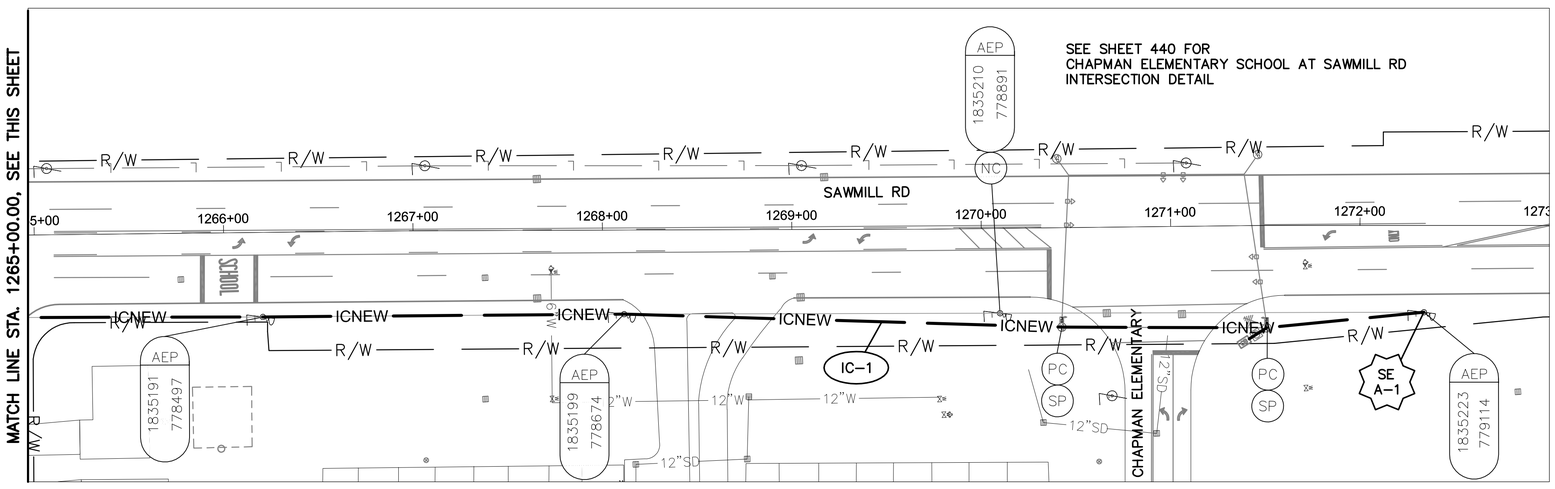
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

681
1107

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SAWMILL RD BETWEEN STATION 1256+00 AND 1265+00



SAWMILL RD BETWEEN STATION 1265+00 AND 1273+00

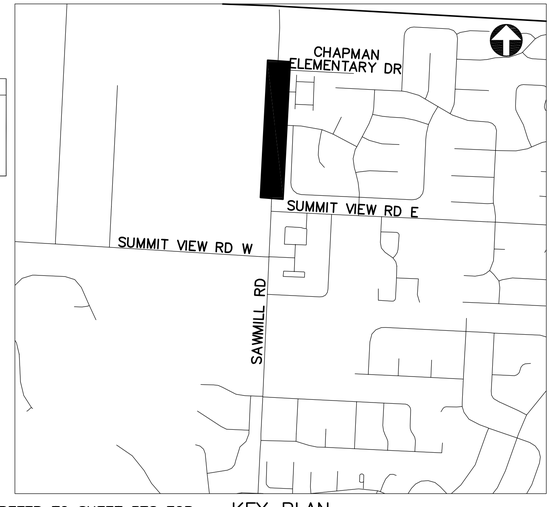
SEE SHEET 440 FOR
CHAPMAN ELEMENTARY SCHOOL AT SAWMILL RD
INTERSECTION DETAIL

NOTES:

1. SEE SHEET 686 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 747 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
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CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

INTERCONNECT PLAN
SAWMILL RD BETWEEN STA. 1256+00 AND 1273+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

682
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION		202	632	633	633	804	804	804															
					EXISTING CONDUIT CLEANED, APP	MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES	INTERCONNECT, MISC.: OVERLASH TO EXISTING INTERCONNECT	INTERCONNECT, MISC.: REMOVE EXISTING OVERHEAD INTERCONNECT	FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE	SPLICE ENCLOSURE: OVERHEAD, AS PER PLAN	SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN	FUSION SPLICE, AS PER PLAN *														
			FROM	TO	FT	FT	FT	FT	FT	EACH	EACH															
SAWMILL RD: STA 990+00 TO 1005+75/STA 1008+25 TO 1012+00																										
667	SE U-1	SAWMILL RD	992+56, 42' RT						75		1	12														
667	IC-1	SAWMILL RD	992+56, 42' RT	992+50, 42' RT	7				7																	
667	IC-2	SAWMILL RD	992+50, 42' RT						35																	
667	IC-3	SAWMILL RD	992+50, 42' RT	1001+73, 42' LT		1018			1018																	
667	IC-4	SAWMILL RD	1001+73, 42' LT	1002+69, 47' LT			97		97																	
667	SE A-1	SAWMILL RD	1002+69, 47' LT						150	1		24														
667	IC-5	SAWMILL RD	1002+69, 47' LT	1005+75, 56' LT			307		307																	
667	IC-6	SAWMILL RD	1008+25, 61' LT	1012+00, 61' LT			375		375																	
667			OVERHEAD SAG			15	12		27																	
SAWMILL RD: STA 1012+00 TO 1034+00																										
668	IC-1	SAWMILL RD	1012+00, 61' LT	1017+36, 57' LT			536		536																	
668	SE A-1	SAWMILL RD	1017+36, 57' LT						150	1		24														
668	IC-2	SAWMILL RD	1017+36, 57' LT	1022+74, 56' LT			539		539																	
668	IC-3	SAWMILL RD	1022+74, 56' LT						150																	
668	IC-4	SAWMILL RD	1022+74, 56' LT	1034+00, 58' LT			1127		1127																	
668			OVERHEAD SAG				33		33																	
SAWMILL RD: STA 1034+00 TO 1056+00																										
669	IC-1	SAWMILL RD	1034+00, 58' LT	1038+85, 59' LT			484		484																	
669	SE A-1	SAWMILL RD	1038+85, 59' LT						225	1		132														
669	IC-2	SAWMILL RD	1038+85, 59' LT	1056+00, 51' LT		1715			1715																	
669			OVERHEAD SAG			26	7		33																	
SAWMILL RD: STA 1056+00 TO 1078+00																										
670	IC-1	SAWMILL RD	1056+00, 51' LT	1078+00, 60' LT		2200			2200																	
670			OVERHEAD SAG			33			33																	
SAWMILL RD: STA 1078+00 TO 1100+00																										
671	IC-1	SAWMILL RD	1078+00, 60' LT	1080+21, 61' LT		224			224																	
671	SE A-1	SAWMILL RD	1080+21, 61' LT						150	1		24														
671	IC-2	SAWMILL RD	1080+21, 61' LT	1081+66, 65' LT		144			144																	
671	R-1	SAWMILL RD	1080+21, 61' LT	1081+66, 65' LT				145																		
671	IC-3	SAWMILL RD	1081+66, 65' LT	1092+15, 64' LT			1049		1049																	
671	SE A-2	SAWMILL RD	1092+15, 64' LT						150	1		24														
671	IC-4	SAWMILL RD	1092+15, 64' LT	1100+00, 58' LT			785		785																	
671			OVERHEAD SAG			6	28		33																	
SAWMILL RD: STA 1100+00 TO 1122+00																										
672	IC-1	SAWMILL RD	1100+00, 58' LT	1101+93, 58' LT			198		198																	
672	SE A-1	SAWMILL RD	1101+93, 58' LT						150	1		24														
672	IC-2	SAWMILL RD	1101+93, 58' LT	1114+03, 60' LT			1210		1210																	
672	SE A-2	SAWMILL RD	1114+03, 60' LT						150	1		24														
672	IC-3	SAWMILL RD	1114+03, 60' LT	1122+00, 52' LT			793		793																	
672			OVERHEAD SAG				33		33																	
			SHEET TOTAL		7	5381	7613	145	14385	7	1	288	-	-	-	-	-	-	-	-	-	-	-	-	-	-

***** NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

2762 DR. E

PID NUMBER 13034

INTERCONNECT QUANTITIES
SAWMILL RD BETWEEN STA. 990+00 AND 1122+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

683
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION		632 MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES	633 INTERCONNECT, MISC.: OVERLASH TO EXISTING INTERCONNECT	633 INTERCONNECT, MISC.: REMOVE EXISTING OVERHEAD INTERCONNECT	804 FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE	804 SPLICE ENCLOSURE: OVERHEAD, AS PER PLAN	FUSION SPLICE, AS PER PLAN *															
			FROM	TO	FT	FT	FT	FT	EACH																
DUBLIN GRANVILLE RD: STA 3+70 TO 17+00																									
673	IC-1	DUBLIN GRANVILLE RD	3+37, 55' LT	14+84, 45' LT		1155		1155																	
673	IC-2	DUBLIN GRANVILLE RD	14+84, 45' LT	16+14, 45' LT	130			130																	
673	SE A-1	DUBLIN GRANVILLE RD	16+14, 45' LT					150	1	24															
673	IC-3	DUBLIN GRANVILLE RD	16+14, 45' LT	16+84, 53' LT	70			70																	
673	IC-4	DUBLIN GRANVILLE RD	16+84, 53' LT	17+00, 53' LT		16		16																	
673	R-1	DUBLIN GRANVILLE RD	14+84, 45' LT	16+84, 53' LT			298																		
673			OVERHEAD SAG		3	18		21																	
DUBLIN GRANVILLE RD: STA 17+00 TO 25+00/SAWMILL RD: STA 1122+00 TO 1133+80																									
674	IC-1	DUBLIN GRANVILLE RD	17+00, 53' LT	24+04, 33' LT		709		709																	
674	SE A-1	DUBLIN GRANVILLE RD	24+04, 33' LT					150	1	12															
674	IC-2	DUBLIN GRANVILLE RD	24+04, 33' LT	24+46, 20' LT		41		41																	
674	IC-3	SAWMILL RD	1122+00, 52' LT	1123+37, 62' LT		143		143																	
674	IC-4	SAWMILL RD	1123+37, 62' LT	1125+00, 74' LT	163			163																	
674	SE A-2	SAWMILL RD	1125+00, 74' LT					225	1	156															
674	IC-5	SAWMILL RD	1125+00, 74' LT	1125+53, 59' LT	56			56																	
674	IC-6	SAWMILL RD	1125+53, 59' LT	1133+74, 54' LT		820		820																	
674	SE A-3	SAWMILL RD	1133+74, 54' LT					150	1	24															
674	IC-7	SAWMILL RD	1133+74, 54' LT	1133+80, 54' LT		12		12																	
674	R-1	SAWMILL RD	1124+08, 62' RT	1125+53, 59' LT			354																		
674	IC-8	DUBLIN GRANVILLE RD	1+11, 64' LT	2+76, 64' LT	164			164																	
674	IC-9	DUBLIN GRANVILLE RD	2+76, 64' LT	3+37, 55' LT		62		62																	
674			OVERHEAD SAG		6	27		33																	
SAWMILL RD: STA 1133+80 TO 1155+00																									
675	IC-1	SAWMILL RD	1133+80, 53' LT	1140+86, 68' LT		715		715																	
675	SE A-1	SAWMILL RD	1140+86, 68' LT					150	1	24															
675	IC-2	SAWMILL RD	1140+86, 68' LT	1151+72, 63' RT		1210		1210																	
675	SE A-2	SAWMILL RD	1151+72, 63' RT					225	1	132															
675	IC-3	SAWMILL RD	1151+72, 63' RT	1155+00, 58' RT		305		305																	
675	IC-4	SNOUFFER RD	0+98, 28' LT	1+80, 31' LT		64		64																	
675			OVERHEAD SAG			34		34																	
SNOUFFER RD: STA 1+80 TO 9+00/SAWMILL RD: STA 1155+00 TO 1161+50																									
676	IC-1	SNOUFFER RD	1+80, 31' LT	5+43, 33' RT		375		375																	
676	SE A-1	SNOUFFER RD	5+43, 33' RT					150	1	12															
676	IC-2	SAWMILL RD	1155+00, 58' RT	1161+50, 92' RT		648		648																	
676			OVERHEAD SAG			15		15																	
			SHEET TOTAL		592	6369	652	8161	7	384	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

2762 DR. E

PID NUMBER 13034

INTERCONNECT QUANTITIES–DUBLIN–GRANVILLE RD BTW 3+70 AND 17+00, SAWMILL RD BTW 1122+00 AND 1161+50, SNOUFFER RD BTW 1+80 & 9+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION		202	625	625	625	625	625	632	632	633	633	804	804	804	804	804						
					EXISTING CONDUIT CLEANED, APP	CONDUIT, 3", 725.05, AS PER PLAN	CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, 725.05, 3", AS PER PLAN	PULL BOX, MISC.: CONCRETE, 32"	PULL BOX, REMOVED, AS PER PLAN	TRENCH, 36" DEEP, AS PER PLAN	CONDUIT: 2" RISER, AS PER PLAN	MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES	CONTROLLER ITEM, MISC.: FIBER OPTIC ETHERNET TRANSCEIVER	INTERCONNECT, MISC.: OVERLASH TO EXISTING INTERCONNECT	FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE	FIBER OPTIC CABLE, MISC.: 24 COUNT PRE-TERMINATED PATCH PANEL ASSEMBLY	FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 144 TERMINATION	SPLICE ENCLOSURE: OVERHEAD, AS PER PLAN	SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN	FUSION SPLICE, AS PER PLAN *						
			FROM	TO	FT	FT	FT	EACH	EACH	FT	EACH	FT	EACH	FT	FT	EACH	EACH	EACH	EACH						
SAWMILL RD: STA 1161+50 TO 1172+50																									
677	IC-1	SAWMILL RD	1161+00, 85'RT	1161+37, 87' RT										38	38										
677	IC-2	SAWMILL RD	1161+37, 87' RT												35										
677	IC-3	SAWMILL RD	1161+37, 87' RT	1161+58, 88'RT		42		1		21					21										
677	IC-4	SAWMILL RD	1161+58, 88'RT	1162+89, 93'RT			262	1	1						131										
677	IC-5	SAWMILL RD	1162+00, 129' RT	1165+78, 91' RT	195			2	2						195										
677	IC-6	SAWMILL RD	1165+78, 91' RT	1166+06, 194' RT			212	1							106										
677	IC-7	SAWMILL RD	1166+06, 194' RT	1166+67, 172' RT		132				66					66										
677	IC-8	SAWMILL RD	1166+67, 172' RT	1166+00, 308' RT	154										308										
677	SE U-1	SAWMILL RD	1166+00, 308' RT												150				1	288					
677	CN-1	SAWMILL RD	1166+01, 328' RT										4			1	2								
677	IC-9	SAWMILL RD	1166+67, 172' RT	1166+70, 231' RT		120		1		60					60										
677	IC-10	SAWMILL RD	1166+70, 231' RT	1168+32, 221' RT			340	1							170										
677	IC-11	SAWMILL RD	1168+32, 221' RT	1168+68, 128' RT		200		1		100					100										
677	IC-12	SAWMILL RD	1168+68, 128' RT	1168+98, 87' RT			102	1	1						51										
677	IC-13	SAWMILL RD	1168+98, 87' RT	1170+08, 84' LT	247			1	1						247										
677	SE U-2	SAWMILL RD	1170+08, 84' LT												150				1	24					
677	IC-14	SAWMILL RD	1170+08, 84' LT	1171+05, 79' LT	97			1	1						97										
677	IC-15	SAWMILL RD	1171+05, 79' LT	1171+70, 80' LT			130	1							65										
677	IC-16	SAWMILL RD	1171+70, 80' LT	1172+50, 80' LT		150				75					75										
677			PULL BOX SLACK												140										
SAWMILL RD: STA 1172+50 TO 1188+00																									
678	IC-1	SAWMILL RD	1172+50, 80' LT	1174+14, 77' LT		171		1		171					171										
678	IC-2	SAWMILL RD	1174+14, 77' LT	1174+15, 96' LT		19				19					19										
678	IC-3	SAWMILL RD	1174+15, 96' LT								1				35										
678	IC-4	SAWMILL RD	1174+15, 96' LT	1176+98, 72' LT										284	284										
678	IC-5	SAWMILL RD	1176+98, 72' LT												150										
678	IC-6	SAWMILL RD	1176+98, 72' LT	1811+1, 38' LT										405	405										
678	IC-7	SAWMILL RD	1811+1, 38' LT	1181+10, 57' RT								95			95										
678	SE A-1	SAWMILL RD	1181+10, 57' RT												150			1		24					
678	IC-8	SAWMILL RD	1181+10, 57' RT	1185+58, 39' RT										449	449										
678	IC-9	SAWMILL RD	1185+58, 39' RT	1187+22, 39' RT								164			164										
678	SE A-2	SAWMILL RD	1187+22, 39' RT												150			1		24					
678	IC-10	SAWMILL RD	1187+22, 39' RT	1187+89, 38' RT								65			65										
678	IC-11	SAWMILL RD	1187+89, 38' RT	1188+00, 38' RT										11	11										
678			PULL BOX SLACK												10										
678			OVERHEAD SAG									5		17	22										
SAWMILL RD: STA 1188+00 TO 1210+00																									
679	IC-1	SAWMILL RD	1188+00, 38' RT	1199+62, 46' RT										1163	1163										
679	IC-2	SAWMILL RD	1199+62, 46' RT	1200+88, 41' RT								162			162										
679	SE A-1	SAWMILL RD	1200+88, 41' RT												150			1		24					
679	IC-3	SAWMILL RD	1200+88, 41' RT	1210+00, 42' RT										912	912										
679			OVERHEAD SAG									2		31	34										
SAWMILL RD: STA 1210+00 TO 1232+00																									
680	IC-1	SAWMILL RD	1210+00, 42' RT	1216+51, 42' RT										655	655										
680	SE A-1	SAWMILL RD	1216+51, 42' RT												150			1		24					
680	IC-2	SAWMILL RD	1216+51, 42' RT	1224+77, 55' RT										827	827										
680	SE A-2	SAWMILL RD	1224+77, 55' RT												150			1		24					
680	IC-3	SAWMILL RD	1224+77, 55' RT	1232+00, 49' RT										720	720										
680			OVERHEAD SAG											33	33										
			SHEET TOTAL		693	834	1046	13	6	512	1	493	4	5545	9341	1	2	5	2	432	-	-	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

2762 DR. E

PID NUMBER 13034

INTERCONNECT QUANTITIES
SAWMILL RD BETWEEN STA. 1161+50 AND 1256+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

685
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION FROM	STATION TO	632 MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES (FT)	633 INTERCONNECT, MISC.: OVERLASH TO EXISTING INTERCONNECT (FT)	804 FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE (FT)	804 SPLICE ENCLOSURE: OVERHEAD, AS PER PLAN (EACH)	FUSION SPLICE, AS PER PLAN *																
SAWMILL RD: STA 1232+00 TO 1256+00																									
681	IC-1	SAWMILL RD	1232+00, 49' RT	1250+74, 43' RT		1878	1878																		
681	SE A-1	SAWMILL RD	1250+74, 43' RT				150	1	24																
681	IC-2	SAWMILL RD	1250+74, 43' RT	1255+74, 47' RT	497		497																		
681	SE A-2	SAWMILL RD	1255+74, 47' RT				75	1	12																
681	IC-3	SAWMILL RD	1255+74, 47' RT	1256+00, 42' RT	25		25																		
681			OVERHEAD SAG		8	28	36																		
SAWMILL RD: STA 1256+00 TO 1273+00																									
682	IC-1	SAWMILL RD	1256+00, 42' RT	1272+34, 46' RT	1634		1634																		
682	SE A-1	SAWMILL RD	1272+34, 46' RT				75	1	12																
682			OVERHEAD SAG		25		25																		
			SHEET TOTAL		2189	1906	4395	3	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

2762 DR. E

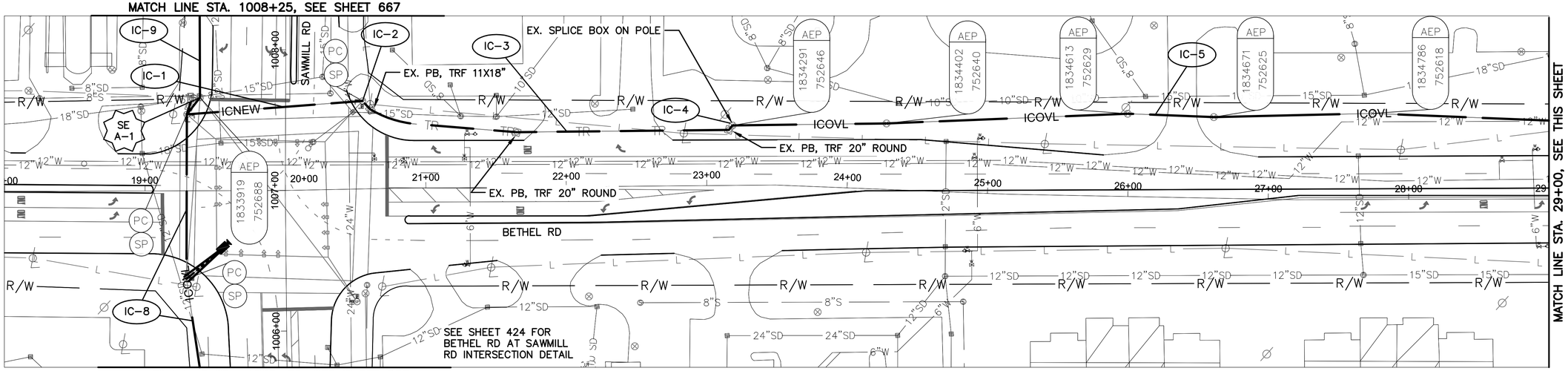
PID NUMBER 13034

INTERCONNECT QUANTITIES
SAWMILL RD BETWEEN STA. 1232+00 AND 1273+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

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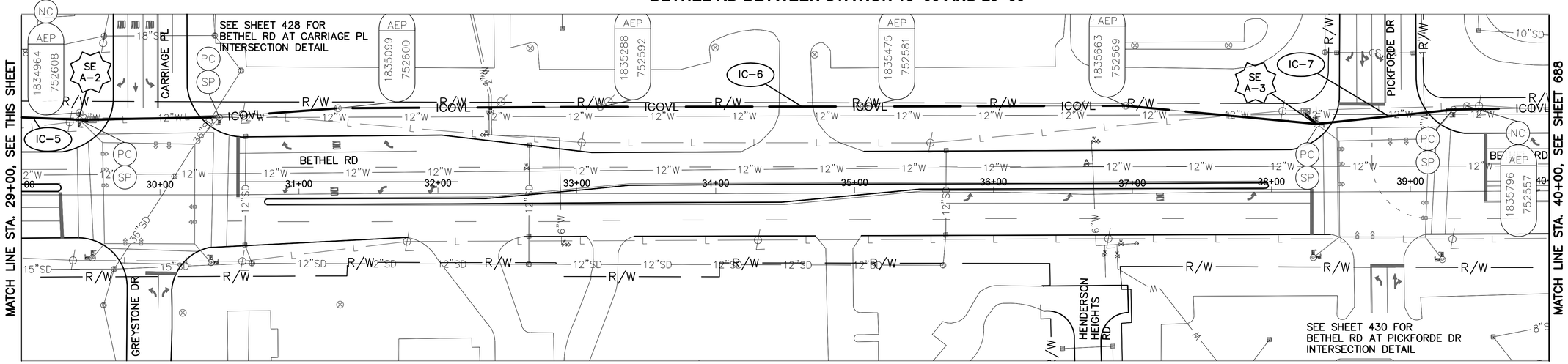
MATCH LINE STA. 1008+25, SEE SHEET 667



MATCH LINE STA. 1005+75, SEE SHEET 667

BETHEL RD BETWEEN STATION 18+00 AND 29+00

MATCH LINE STA. 29+00, SEE THIS SHEET



MATCH LINE STA. 40+00, SEE SHEET 688

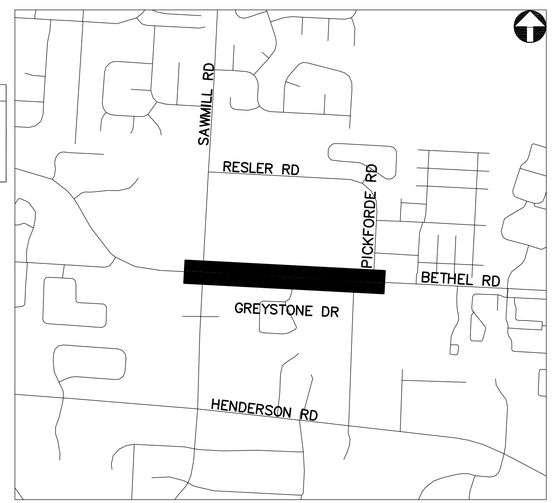
BETHEL RD BETWEEN STATION 29+00 AND 40+00

NOTES:

1. SEE SHEET 698 FOR INTERCONNECT QUANTITIES.
2. SEE SHEETS 744 AND 745 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

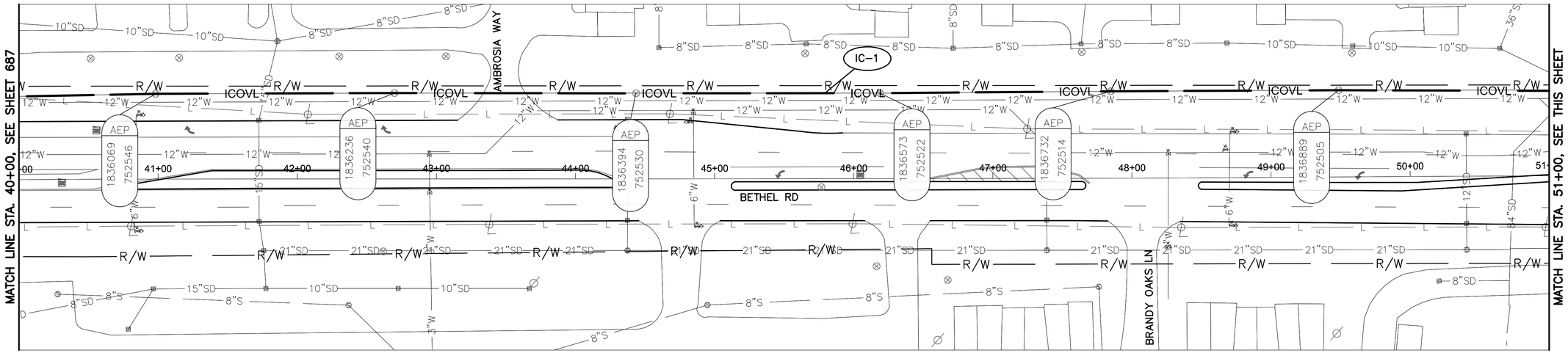
PID NUMBER 13034

INTERCONNECT PLAN
BETHEL RD BETWEEN STA. 18+00 AND 40+00

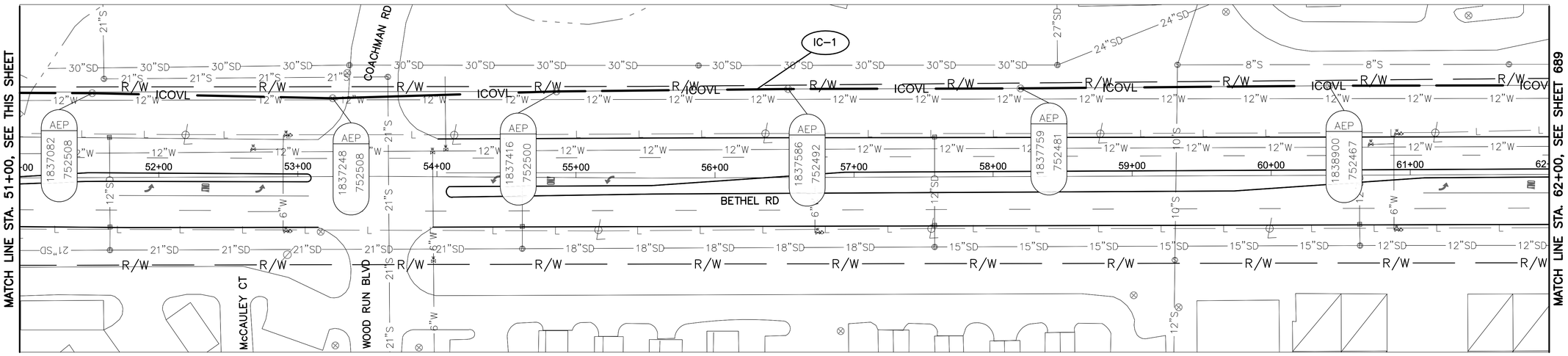
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

687
1107

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BETHEL RD BETWEEN STATION 40+00 AND 51+00



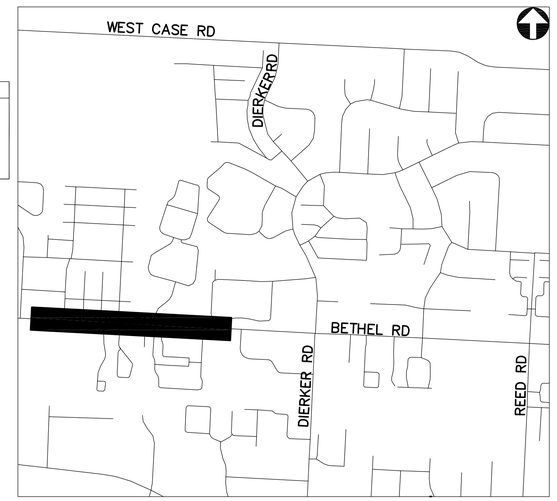
BETHEL RD BETWEEN STATION 51+00 AND 62+00

NOTES:

1. SEE SHEET 698 FOR INTERCONNECT QUANTITIES.
2. SEE SHEETS 744 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
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CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



KEY PLAN
NOT TO SCALE

REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

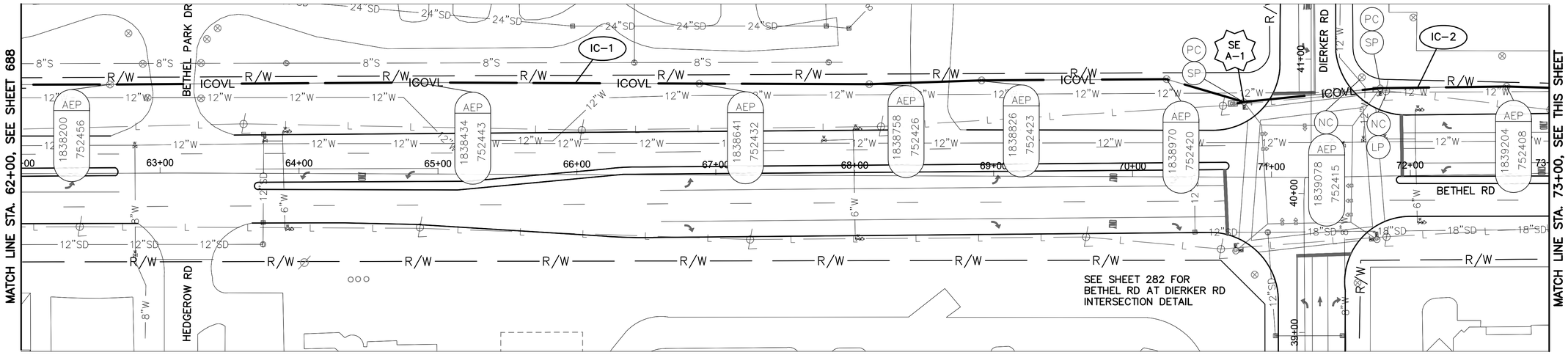
PID NUMBER 13034

INTERCONNECT PLAN
BETHEL RD BETWEEN STA. 40+00 AND 62+00

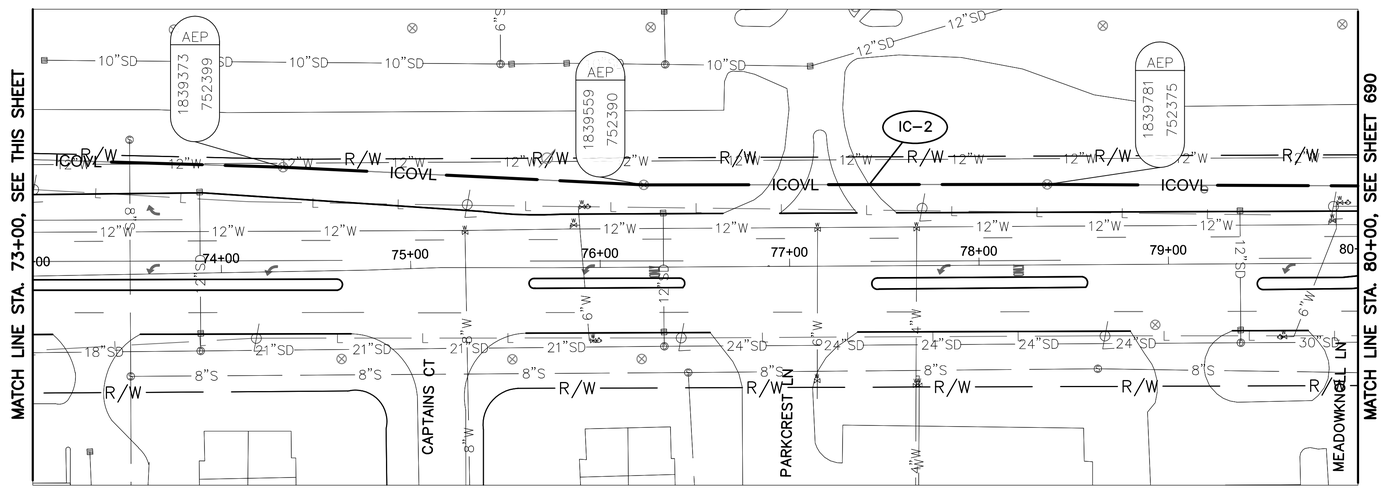
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

688
1107

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BETHEL RD BETWEEN STATION 62+00 AND 73+00



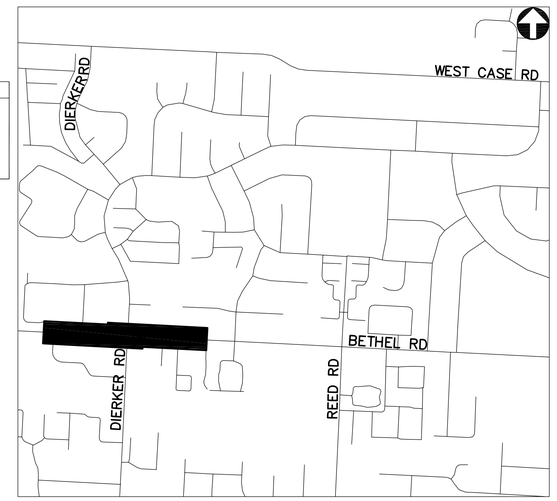
BETHEL RD BETWEEN STATION 73+00 AND 80+00

NOTES:

1. SEE SHEET 698 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 744 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
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CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

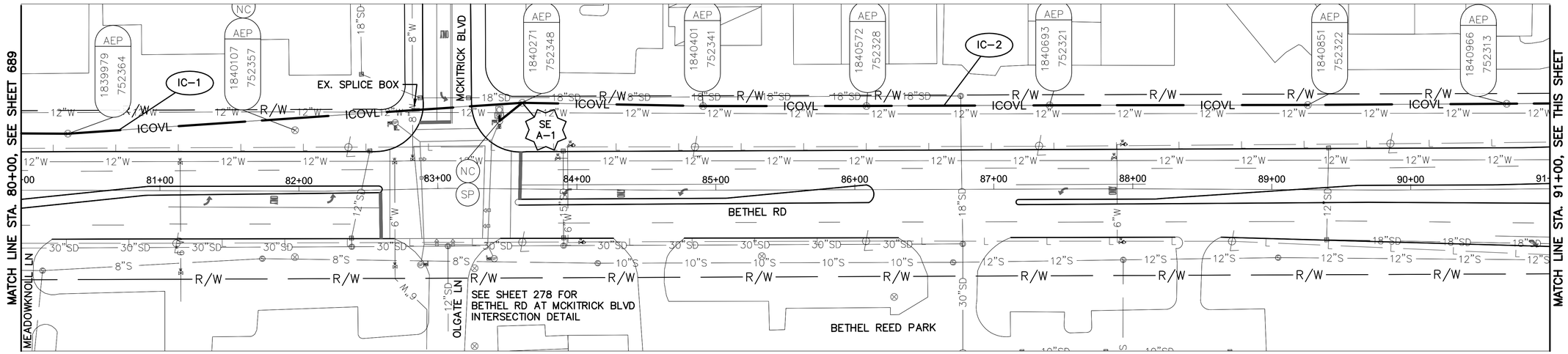
PID NUMBER 13034

INTERCONNECT PLAN
BETHEL RD BETWEEN STA. 62+00 AND 80+00

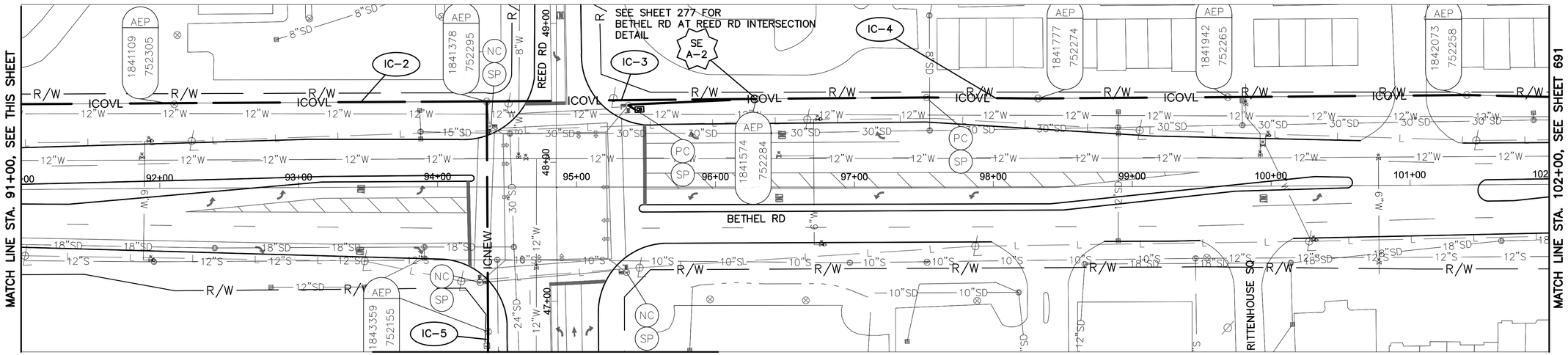
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

689
1107

J:\Jobs\47857\TECHPROD\Sheets\PM_39_Bethel_Corridor.dwg - B-3 layout ~ last saved by: CCI, skogant! 07/01/2015 11:46am ~ printed 07/01/2015 06:25pm



BETHEL RD BETWEEN STATION 80+00 AND 91+00



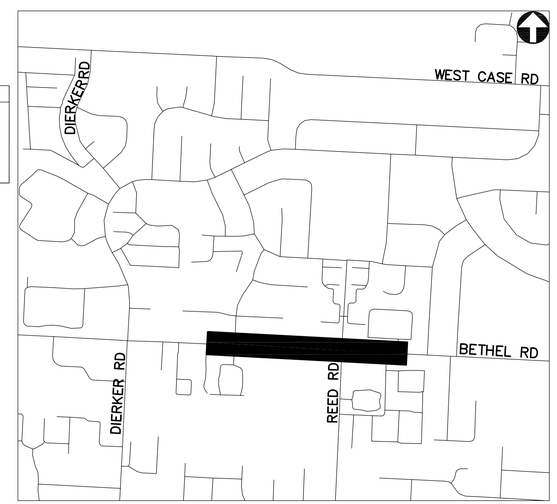
BETHEL RD BETWEEN STATION 91+00 AND 102+00

NOTES:

1. SEE SHEET 698 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 744 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

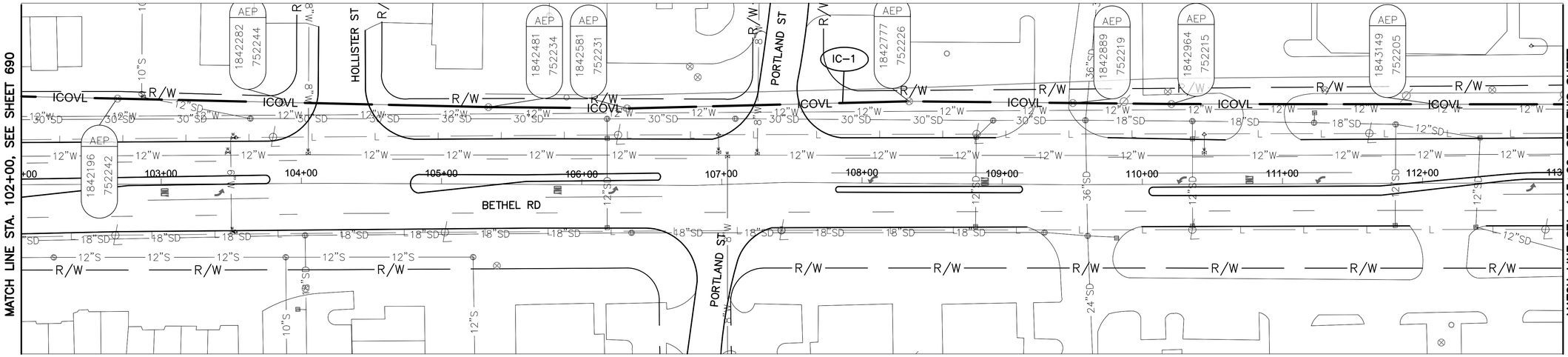
PID NUMBER 13034

INTERCONNECT PLAN
BETHEL RD BETWEEN STA. 80+00 AND 102+00

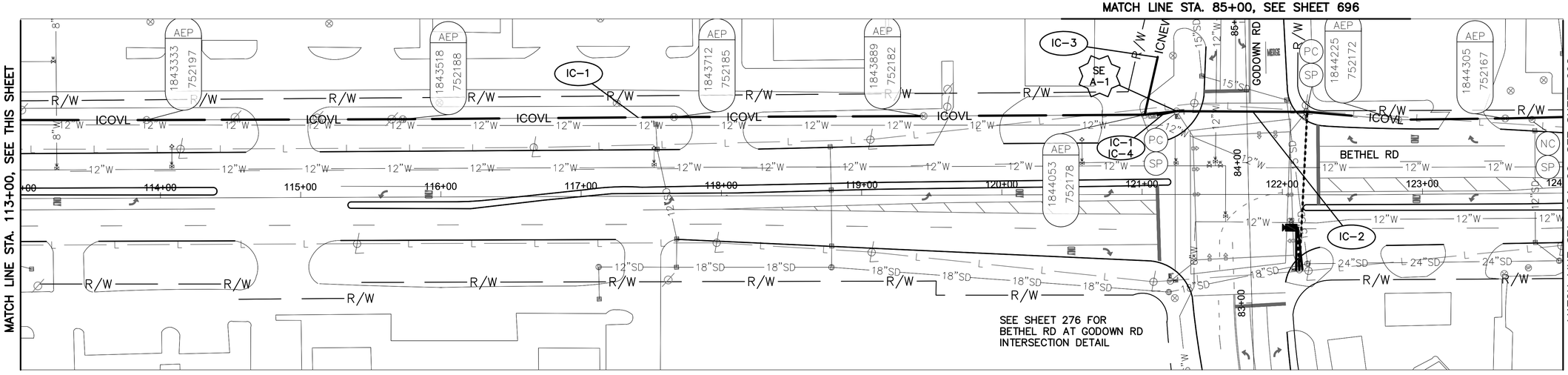
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

690
1107

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BETHEL RD BETWEEN STATION 102+00 AND 113+00



BETHEL RD BETWEEN STATION 113+00 AND 124+00

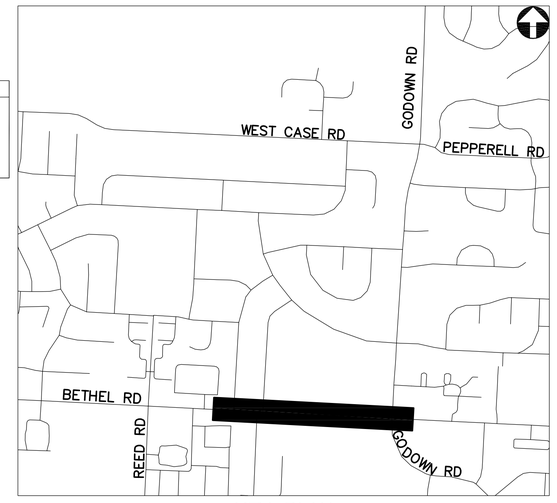
NOTES:

1. SEE SHEET 699 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 744 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☒ POWER
- ☐ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

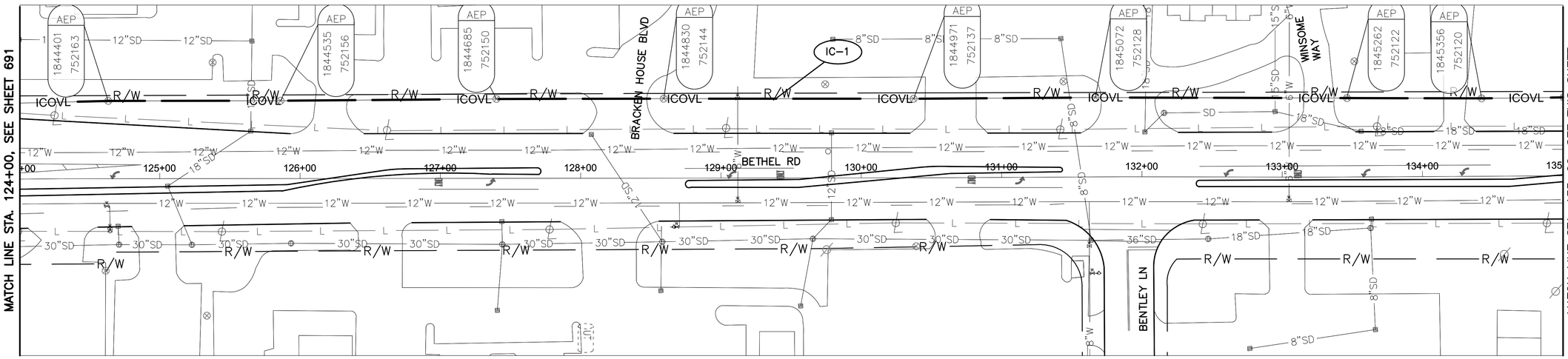
PID NUMBER 13034

INTERCONNECT PLAN
BETHEL RD BETWEEN STA. 102+00 AND 124+00

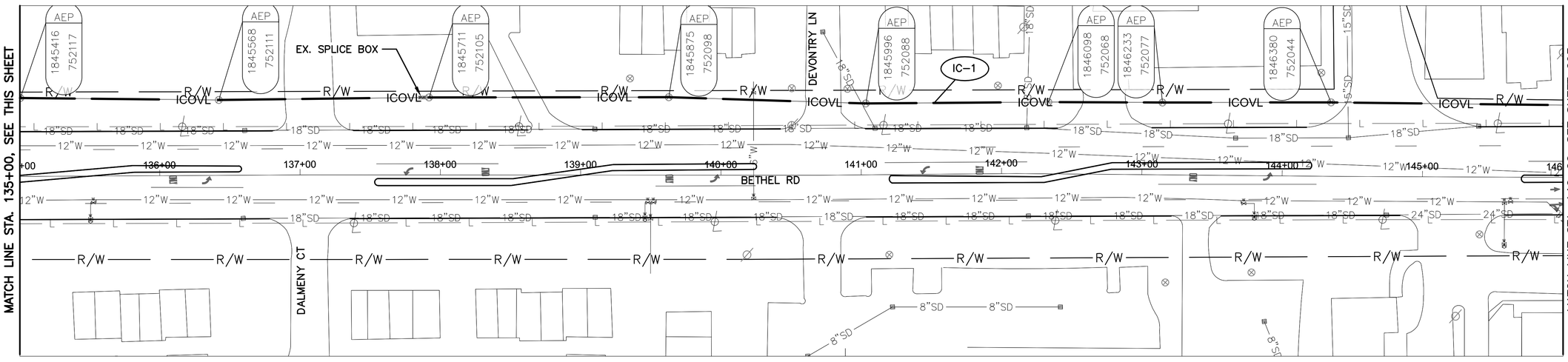
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

691
1107

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BETHEL RD BETWEEN STATION 124+00 AND 135+00



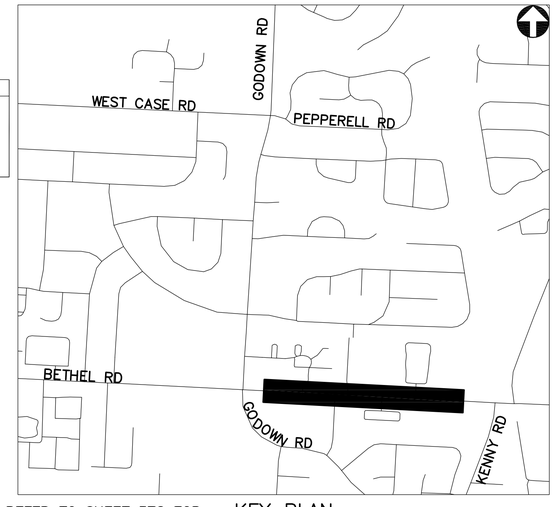
BETHEL RD BETWEEN STATION 135+00 AND 146+00

NOTES:

1. SEE SHEET 699 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 744 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

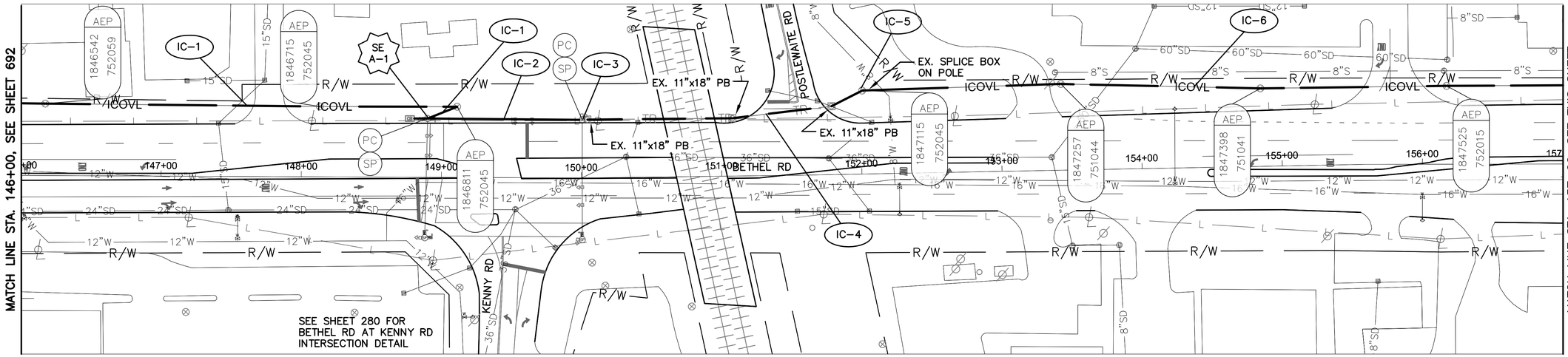
PID NUMBER 13034

INTERCONNECT PLAN
BETHEL RD BETWEEN STA. 124+00 AND 146+00

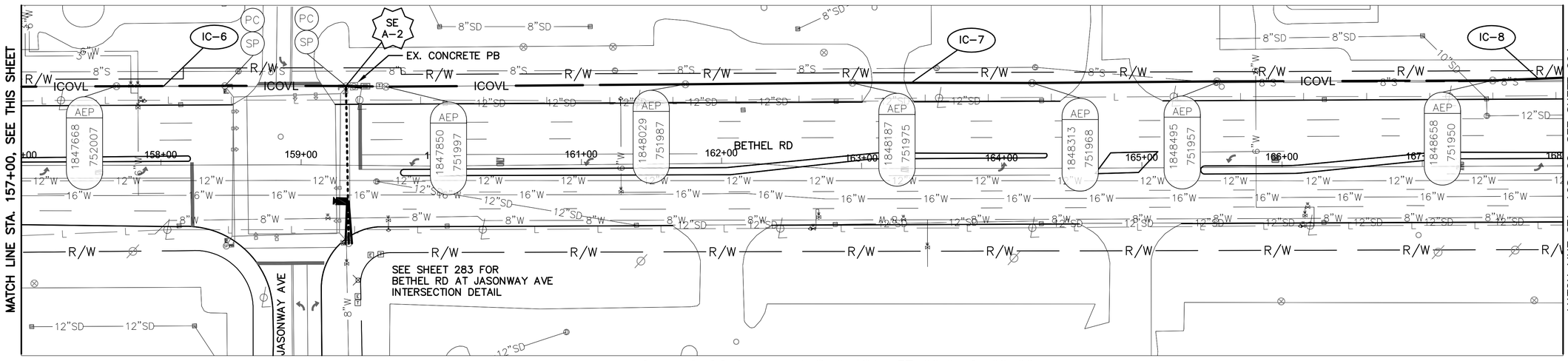
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

692
1107

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BETHEL RD BETWEEN STATION 146+00 AND 157+00



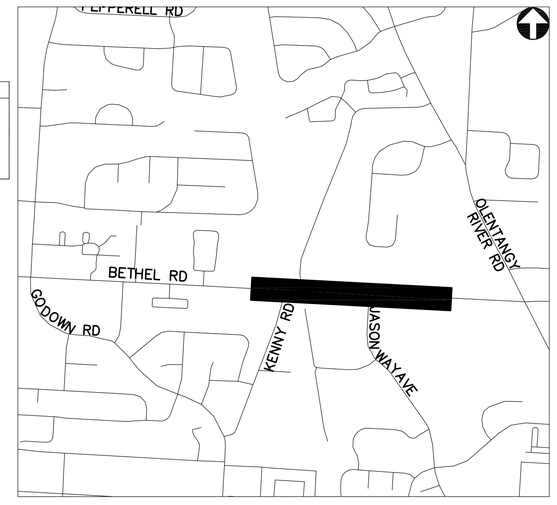
BETHEL RD BETWEEN STATION 157+00 AND 168+00

NOTES:

1. SEE SHEET 699 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 744 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

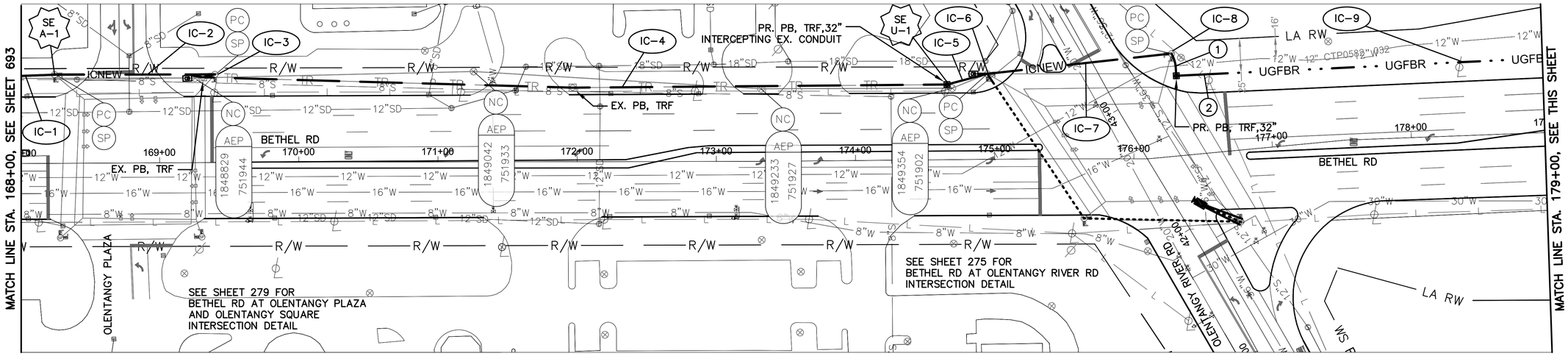
PID NUMBER 13034

INTERCONNECT PLAN
BETHEL RD BETWEEN STA. 146+00 AND 168+00

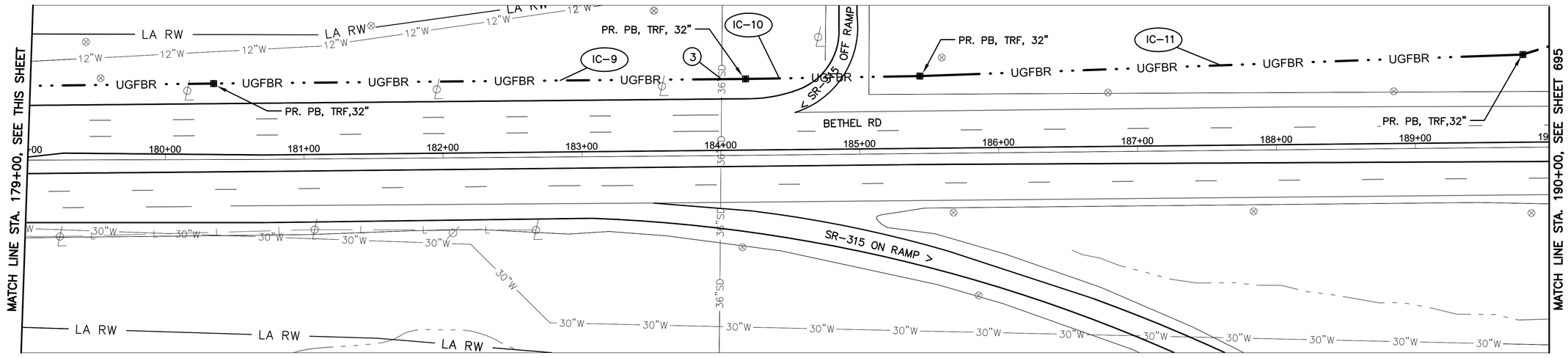
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

693
1107

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BETHEL RD BETWEEN STATION 168+00 AND 179+00



BETHEL RD BETWEEN STATION 179+00 AND 190+00

NOTES:

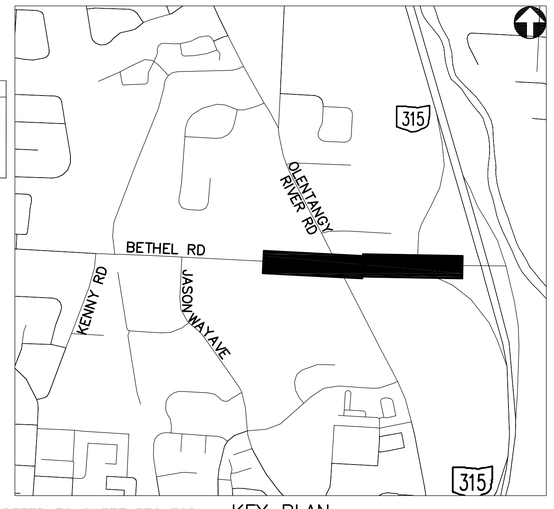
1. SEE SHEET 699 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 744 FOR COMMUNICATION DETAILS.
3. SEE SHEET 47 FOR PULLBOX INTERCEPTING EXISTING CONDUIT DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 16.

CITY OF COLUMBUS UTILITY LEGEND

- ☒ SEWER
- ☒ WATER
- ☒ POWER
- ☒ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

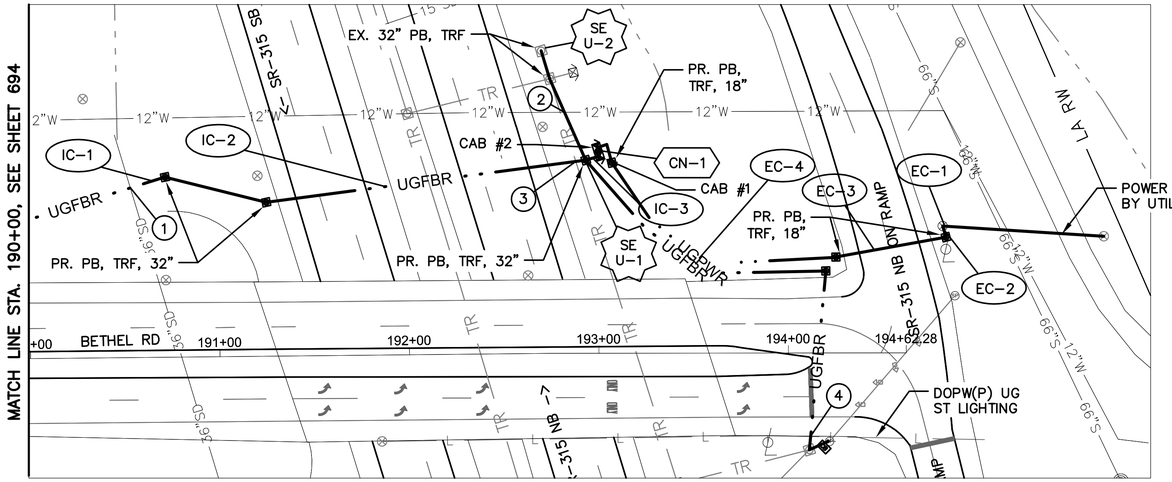
INTERCONNECT PLAN
BETHEL RD BETWEEN STA. 168+00 AND 190+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

694
1107

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SEE THIS SHEET FOR NODE DETAIL
SEE SHEET 285 FOR BETHEL RD AT SR 315 NB RAMPS INTERSECTION DETAIL



BETHEL RD BETWEEN STATION 190+00 AND 194+62

PROPOSED NODE #315008.6
REFER TO SHEET 1106 AND 1107
FOR COMMUNICATION DETAILS

NOTES:

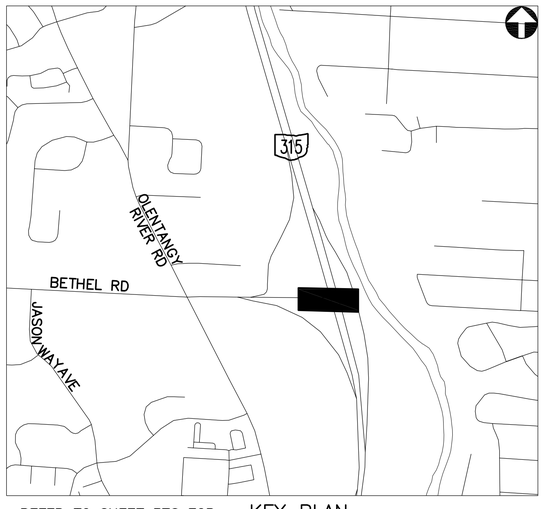
1. SEE SHEET 700 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 744 FOR COMMUNICATION DETAILS.
3. SEE SHEET 60 FOR POWER SERVICE DETAILS

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 16.

CITY OF COLUMBUS UTILITY LEGEND

- ☒ SEWER
- ☒ WATER
- ☐ POWER
- ☒ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

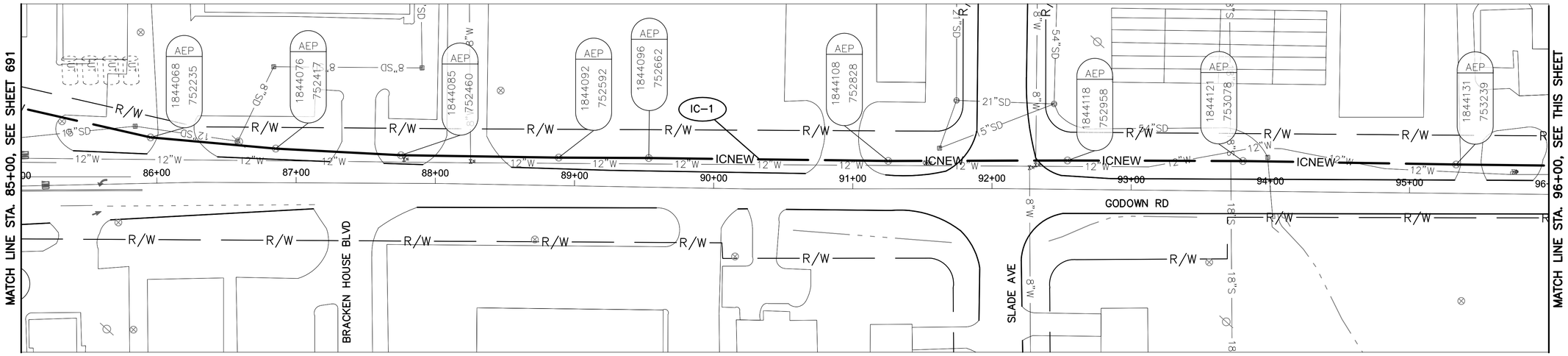
PID NUMBER 13034

INTERCONNECT PLAN
BETHEL RD BETWEEN STA. 190+00 AND 194+62

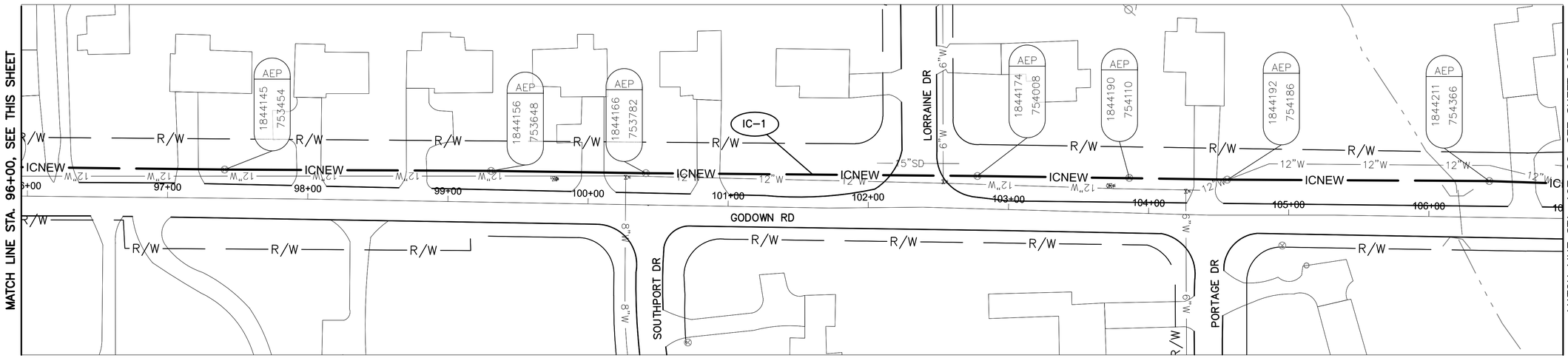
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

695
1107

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GODOWN RD BETWEEN STATION 85+00 AND 96+00



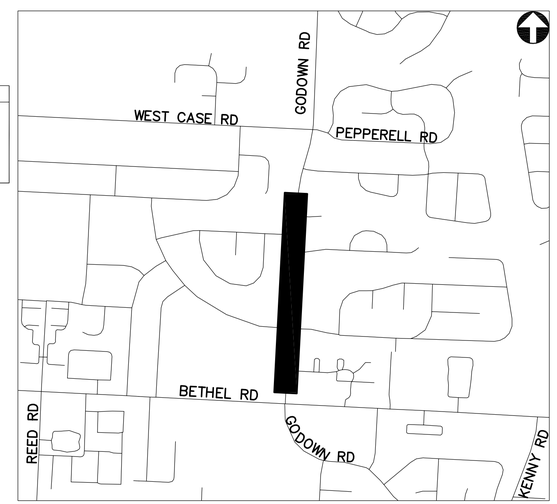
GODOWN RD BETWEEN STATION 96+00 AND 107+00

NOTES:

1. SEE SHEET 699 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 744 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☒ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

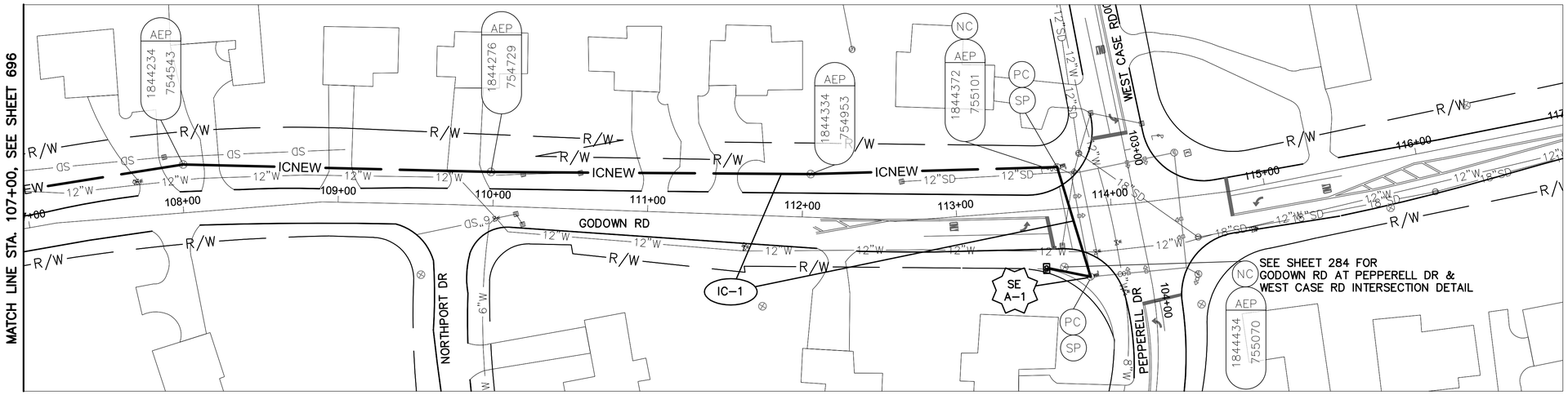
PID NUMBER 13034

INTERCONNECT PLAN
BETWEEN STA. 85+00 AND 107+00
GODOWN RD

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

696
1107

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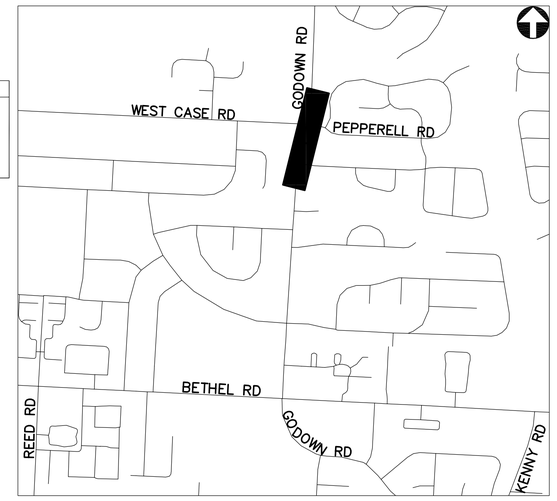
GODOWN RD BETWEEN STATION 107+00 AND 117+00

NOTES:

1. SEE SHEET 699 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 744 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

INTERCONNECT PLAN
GODOWN RD BETWEEN STA. 107+00 AND 117+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

697
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION FROM	STATION TO	202 EXISTING CONDUIT CLEANED, APP	632 CONDUIT: 2" RISER, AS PER PLAN	632 MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES	633 INTERCONNECT, MISC.: OVERLASH TO EXISTING INTERCONNECT	804 FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE	804 SPLICE ENCLOSURE: OVERHEAD, AS PER PLAN	FUSION SPLICE, AS PER PLAN *														
			FROM	TO	FT	EACH	FT	FT	FT	EACH															
BETHEL RD: STA 18+00 TO 40+00																									
687	SE A-1	BETHEL RD	19+39, 66'LT						225	1	156														
687	IC-1	BETHEL RD	19+30, 54' LT	20+56, 63' LT			126		126																
687	IC-2	BETHEL RD	20+56, 63' LT						35																
687	IC-3	BETHEL RD	20+56, 63' LT	23+19, 43' LT	273				273																
687	IC-4	BETHEL RD	23+19, 43' LT			1			35																
687	IC-5	BETHEL RD	23+19, 43' LT	29+42, 54' LT				624	624																
687	SE A-2	BETHEL RD	29+42, 54' LT						150	1	24														
687	IC-6	BETHEL RD	29+42, 54' LT	38+33, 49' LT				891	891																
687	SE A-3	BETHEL RD	38+33, 49' LT						150	1	24														
687	IC-7	BETHEL RD	38+33, 49' LT	40+00, 60' LT				168	168																
687	IC-8	SAWMILL RD	1005+75, 62' LT	1007+66, 61' LT				196	196																
687	IC-9	SAWMILL RD	1007+66, 61' LT	1008+25, 61' LT				58	58																
687			PULL BOX SLACK						30																
687			OVERHEAD SAG				2	29	31																
BETHEL RD: STA 40+00 TO 62+00																									
688	IC-1	BETHEL RD	40+00, 60' LT	62+00, 64' LT			2200		2200																
688			OVERHEAD SAG				33		33																
BETHEL RD: STA 62+00 TO 80+00																									
689	IC-1	BETHEL RD	62+00, 64' LT	70+80, 54' LT				883	883																
689	SE A-1	BETHEL RD	70+80, 54' LT						150	1	24														
689	IC-2	BETHEL RD	70+80, 54' LT	80+00, 41' LT				921	921																
689			OVERHEAD SAG					27	27																
BETHEL RD: STA 80+00 TO 102+00																									
690	IC-1	BETHEL RD	80+00, 41' LT	83+60, 62' LT				362	362																
690	SE A-1	BETHEL RD	83+60, 62' LT						150	1	24														
690	IC-2	BETHEL RD	83+60, 62' LT	94+37, 44' LT				1075	1075																
690	IC-3	BETHEL RD	94+37, 44' LT	96+29, 63' LT				194	388																
690	SE A-2	BETHEL RD	96+29, 63' LT						225	1	156														
690	IC-4	BETHEL RD	96+29, 63' LT	102+00, 63' LT				571	571																
690	IC-5	REED RD	46+64, 51' LT	48+44, 50' LT			180		180																
690			OVERHEAD SAG				3	33	39																
			SHEET TOTAL		273	1	2544	6032	10196	6	408	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

2762 DR. E

PID NUMBER 13034

INTERCONNECT QUANTITIES
BETHEL RD BETWEEN STA. 18+00 AND 102+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION		202	625	625	625	625	632	632	633	804	804	804											
					EXISTING CONDUIT CLEANED, APP	CONDUIT, 3", 725.05, AS PER PLAN	CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, 725.05, 3", AS PER PLAN	PULL BOX, MISC.: CONCRETE, 32"	TRENCH, 36" DEEP, AS PER PLAN	CONDUIT: 2" RISER, AS PER PLAN	MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES	INTERCONNECT, MISC.: OVERLASH TO EXISTING INTERCONNECT	FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE	SPLICE ENCLOSURE: OVERHEAD, AS PER PLAN	SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN	FUSION SPLICE, AS PER PLAN *									
			FROM	TO	FT	FT	FT	EACH	FT	EACH	FT	FT	FT	EACH	EACH										
BETHEL RD: STA 102+00 TO 124+00																									
691	IC-1	BETHEL RD	102+00, 63' LT	121+25, 59' LT								1925	1925												
691	SE A-1	BETHEL RD	121+25, 59' LT										225	1		132									
691	IC-2	BETHEL RD	121+25, 59' LT	124+00, 54' LT								276	276												
691	IC-3	GODOWN RD	84+34, 68' LT	85+03, 53' LT							70		70												
691	IC-4	GODOWN RD	84+34, 68' LT	84+37, 45' LT									23												
691			OVERHEAD SAG								1	37	40												
BETHEL RD: STA 124+00 TO 146+00																									
692	IC-1	BETHEL RD	124+00, 54' LT	146+00, 52' LT								2200	2200												
692			OVERHEAD SAG									33	33												
BETHEL RD: STA 146+00 TO 168+00																									
693	IC-1	BETHEL RD	146+00, 52' LT	148+90, 42' LT								333	333												
693	SE A-1	BETHEL RD	148+90, 42' LT										150	1		24									
693	IC-2	BETHEL RD	148+90, 42' LT	150+01, 41' LT								110	110												
693	IC-3	BETHEL RD	150+01, 41' LT										35												
693	IC-4	BETHEL RD	150+01, 41' LT	152+01, 60' LT	203								203												
693	IC-5	BETHEL RD	152+01, 60' LT							1			35												
693	IC-6	BETHEL RD	152+01, 60' LT	159+31, 57' LT								733	733												
693	SE A-2	BETHEL RD	159+31, 57' LT										150	1		24									
693	IC-7	BETHEL RD	159+31, 57' LT	167+51, 61' LT								820	820												
693	IC-8	BETHEL RD	167+51, 61' LT	168+00, 61' LT							48		48												
693			OVERHEAD SAG								1	30	30												
BETHEL RD: STA 168+00 TO 190+00																									
694	IC-1	BETHEL RD	168+00, 63' LT	168+25, 64' LT							24		24												
694	SE A-1	BETHEL RD	168+25, 64' LT										150	1		24									
694	IC-2	BETHEL RD	168+25, 64' LT	169+40, 63' LT							115		115												
694	IC-3	BETHEL RD	169+40, 63' LT										35												
694	IC-4	BETHEL RD	169+40, 63' LT	174+66, 54' LT	546			1					546												
694	SE U-1	BETHEL RD	174+66, 54' LT										150		1	24									
694	IC-5	BETHEL RD	174+66, 54' LT	174+95, 61' LT		30			30				30												
694	IC-6	BETHEL RD	174+95, 61' LT										35												
694	IC-7	BETHEL RD	174+95, 61' LT	176+34, 74' LT							133		133												
694	IC-8	BETHEL RD	176+34, 74' LT										35												
694	IC-9	BETHEL RD	176+34, 74' LT	184+42, 55' LT		1650		3	825				825												
694	IC-10	BETHEL RD	184+42, 55' LT	184+98, 50' LT			112	1					56												
694	IC-11	BETHEL RD	184+98, 50' LT	190+00, 53' LT		1002		1	501				501												
694			PULL BOX SLACK										70												
694			OVERHEAD SAG								4		4												
GODOWN RD: STA 85+00 TO 107+00																									
696	IC-1	GODOWN RD	85+03, 53' LT	107+00, 25' LT							2200		2200												
696			OVERHEAD SAG								33		33												
GODOWN RD: STA 107+00 TO 117+00																									
697	IC-1	GODOWN RD	107+00, 25' LT	113+83, 45' RT							743		743												
697	SE A-1	GODOWN RD	113+83, 45' RT										75	1		12									
697			OVERHEAD SAG								11		11												
			SHEET TOTAL		749	2682	112	6	1356	1	3383	6497	13210	5	1	240	-	-	-	-	-	-	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

2762 DR. E

PID NUMBER 13034

INTERCONNECT QUANTITIES – BETHEL RD BTW STA. 102+00 AND 190+00 & GODOWN RD BETWEEN STA. 85+00 AND 117+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

699
1107

J:\Jobs\47857\TECHPROD\Sheets\IC_Quantity_Sheet_Bethel_B.dwg – Quan layout ~ last saved by: CCL rlrapp 09/16/2014 05:36pm ~ printed 07/01/2015 06:29pm

ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION FROM	STATION TO	625 CONDUIT, 2", 725.05, AS PER PLAN	625 CONDUIT, 3", 725.05, AS PER PLAN	625 CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, 725.05, 3", AS PER PLAN	625 NO. 8 AWG 600 VOLT DISTRIBUTION CABLE	625 POWER SERVICE, AS PER PLAN	625 PULL BOX, 18", AS PER PLAN	625 PULL BOX, MISC.: CONCRETE, 32"	625 TRENCH, 36" DEEP, AS PER PLAN	632 WOOD POLE	633 CONTROLLER ITEM, MISC.: COMMUNICATIONS NODE	633 CONTROLLER ITEM, MISC.: FIBER OPTIC ETHERNET TRANSCEIVER	633 CONTROLLER ITEM, MISC.: LAYER 3 ETHERNET SWITCH	804 FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE	804 FIBER OPTIC CABLE, MISC.: 24 COUNT PRE-TERMINATED PATCH PANEL ASSEMBLY	804 FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 144 TERMINATION	804 FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 24 TERMINATION	FUSION SPLICE, AS PER PLAN *	804 SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN			
					FT	FT	FT	FT	EACH	EACH	EACH	FT	EACH	EACH	EACH	EACH	FT	EACH	EACH	EACH		EACH			
BETHEL RD: STA 190+00 TO 194+62																									
695	IC-1	BETHEL RD	190+00, 53' LT	191+25, 81' LT		276					2	138					138								
695	IC-2	BETHEL RD	191+25, 81' LT	192+93, 102' LT			340				1						170								
695	SE U-1	BETHEL RD	192+93, 102' LT														150				156	1			
695	SE U-2	BETHEL RD	192+71, 160' LT																		24	1			
695	IC-3	BETHEL RD	192+93, 102' LT	193+00, 106' LT		20						10					20								
695	CN-1	BETHEL RD	193+00, 106' LT											1	4	1		1	1	1					
695	EC-1	BETHEL RD	194+62, 117' LT						1				1												
695	EC-2	BETHEL RD	194+62, 117' LT	194+62, 110' LT	7			21		1		7													
695	EC-3	BETHEL RD	194+62, 110' LT	194+04, 110' LT			62	184																	
695	EC-4	BETHEL RD	194+04, 110' LT	193+00, 106' LT	111			363		2		111													
695			PULL BOX SLACK					45									20								
			SHEET TOTAL		118	296	402	613	1	3	3	266	1	1	4	1	498	1	1	1	180	2	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

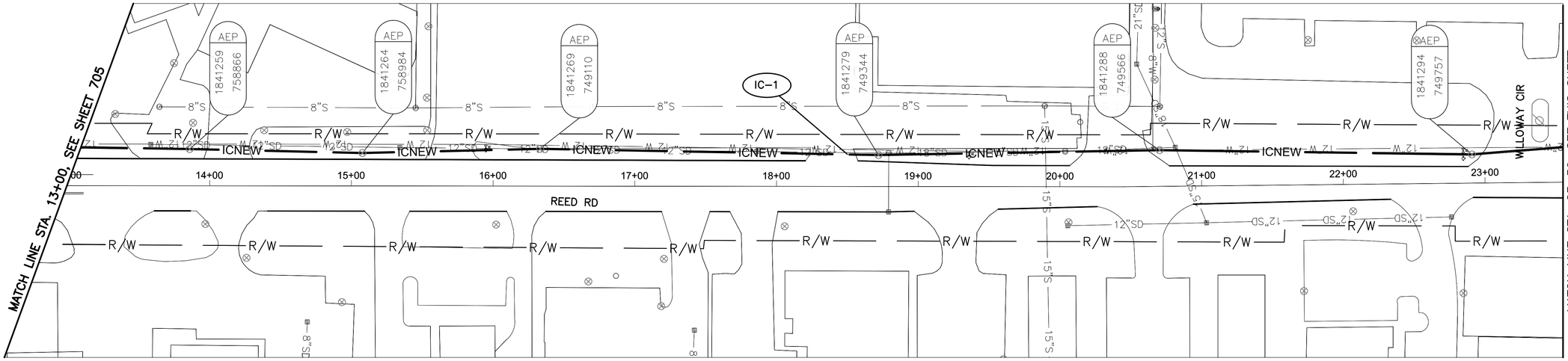
2762 DR. E

PID NUMBER 13034

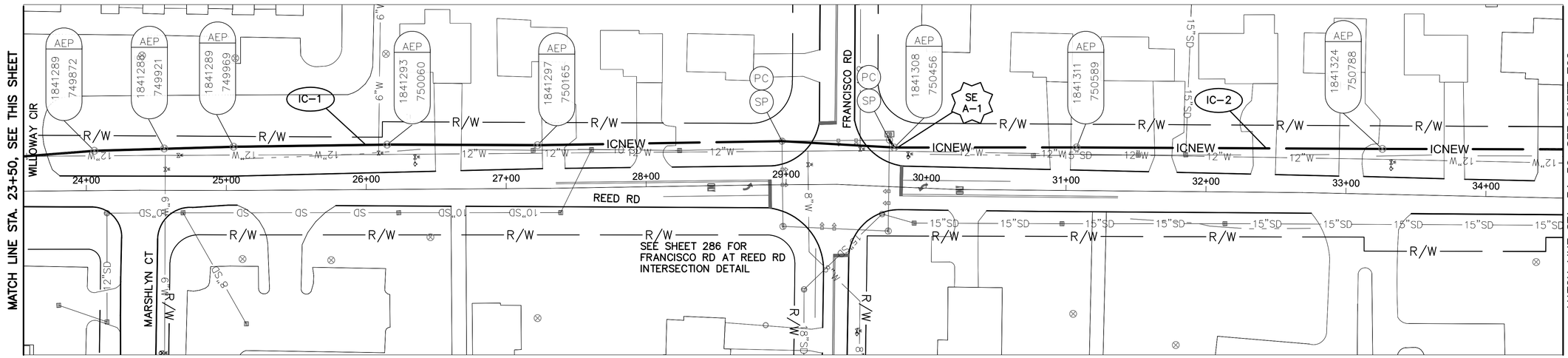
INTERCONNECT QUANTITIES
BETHEL RD BTW STA. 190+00 AND 194+62

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

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REED RD BETWEEN STATION 13+00 AND 23+50



REED RD BETWEEN STATION 23+50 AND 34+50

NOTES:

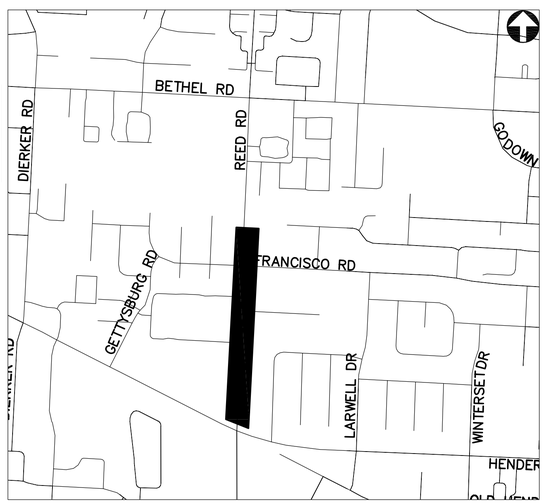
1. SEE SHEET 703 FOR INTERCONNECT QUANTITIES.

2. SEE SHEET 743 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☒ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

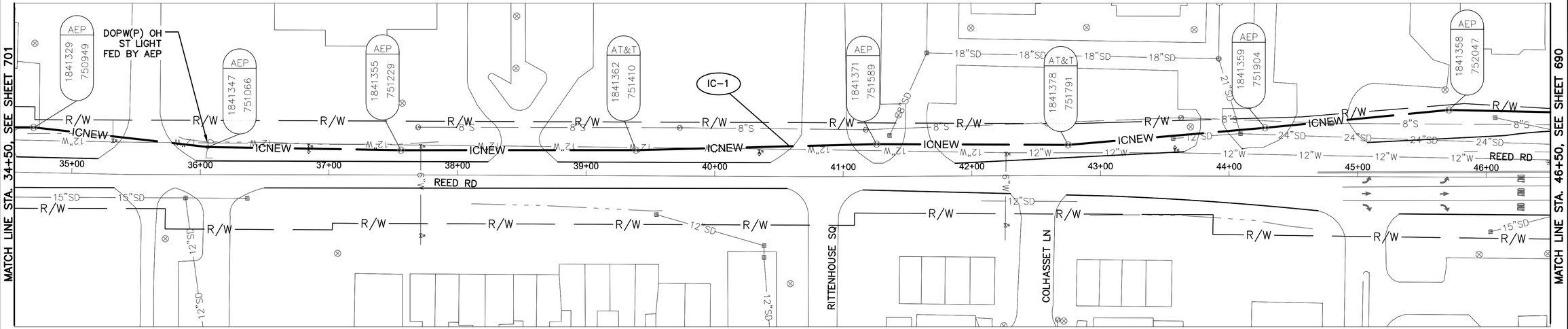
PID NUMBER 13034

INTERCONNECT PLAN
REED RD BETWEEN STA. 13+00 AND 34+50

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

701
1107

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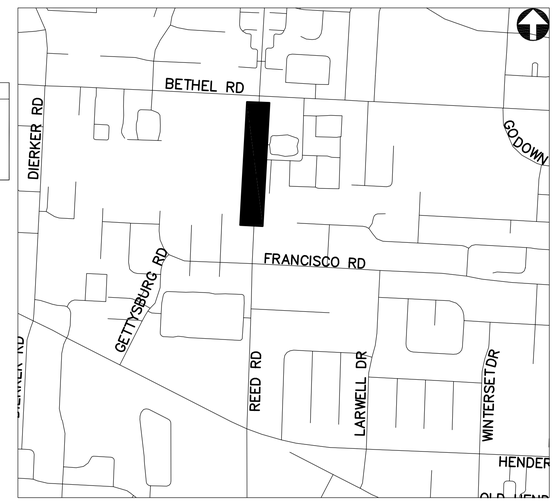
REED RD BETWEEN STATION 34+50 AND 46+50

NOTES:

1. SEE SHEET 703 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 744 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☒ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

INTERCONNECT PLAN
REED RD BETWEEN STA. 34+50 AND 46+50

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

702
1107

J:\Jobs\47857\TECHPROD\Sheets\FM_39a_Reed_Corridor.dwg – R-2 layout ~ last saved by: CCL rlrapp 09/16/2014 04:58pm ~ printed 07/01/2015 06:31pm

ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION		632 MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES	804 FIBER OPTIC CABLE, MISC.; 144 STRAND CABLE	804 SPLICE ENCLOSURE: OVERHEAD, AS PER PLAN	FUSION SPLICE, AS PER PLAN *
			FROM	TO	FT	FT	EACH	
REED RD: STA 13+00 TO 34+50								
701	IC-1	REED RD	13+09, 27' LT	29+76, 28' LT	1668	1668		
701	SE A-1	REED RD	29+76, 28' LT			150	1	24
701	IC-2	REED RD	29+76, 28' LT	34+50, 35' LT	478	478		
701			OVERHEAD SAG		32	32		
REED RD: STA 34+50 TO 46+50								
702	IC-1	REED RD	34+50, 35' LT	46+64, 51' LT	1197	1197		
702			OVERHEAD SAG		18	18		
				SHEET TOTAL	3393	3543	1	24

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

2762 DR. E

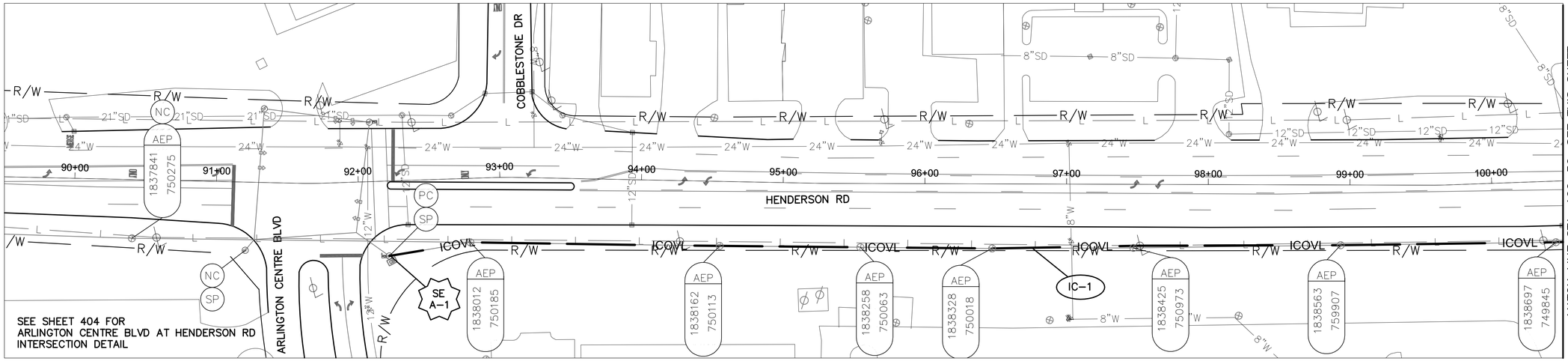
PID NUMBER 13034

INTERCONNECT QUANTITIES
REED RD BETWEEN STA. 13+00 AND 46+50

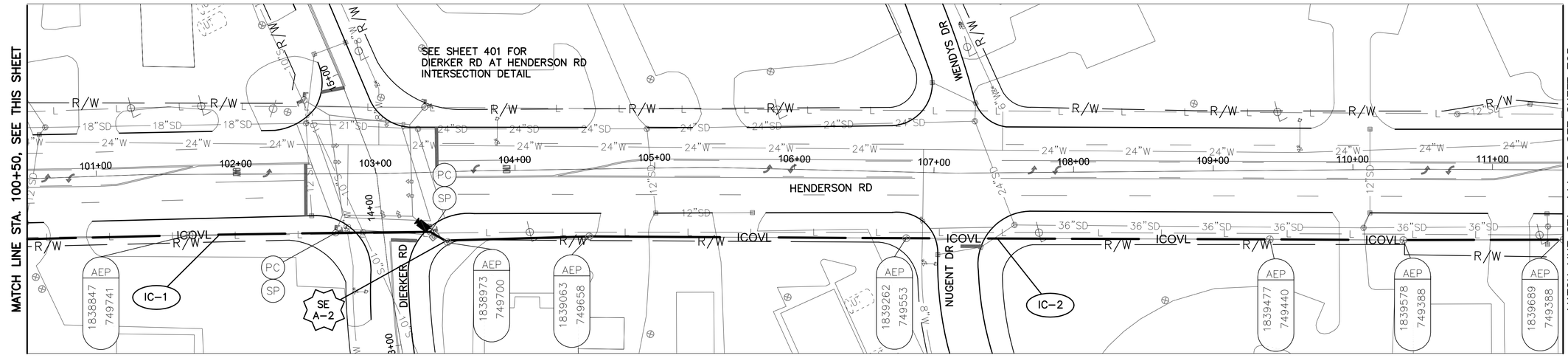
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

703
1107

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HENDERSON RD BETWEEN STATION 89+50 AND 100+50



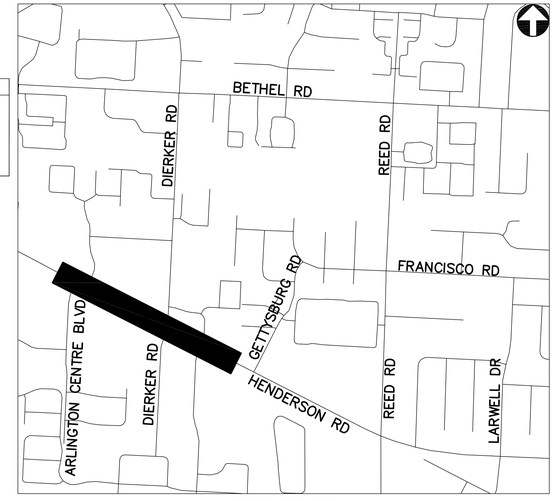
HENDERSON RD BETWEEN STATION 100+50 AND 111+50

NOTES:

1. SEE SHEET 712 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 743 FOR COMMUNICATION DETAILS.

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TWO WORKING DAYS BEFORE YOU DIG
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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECTSHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

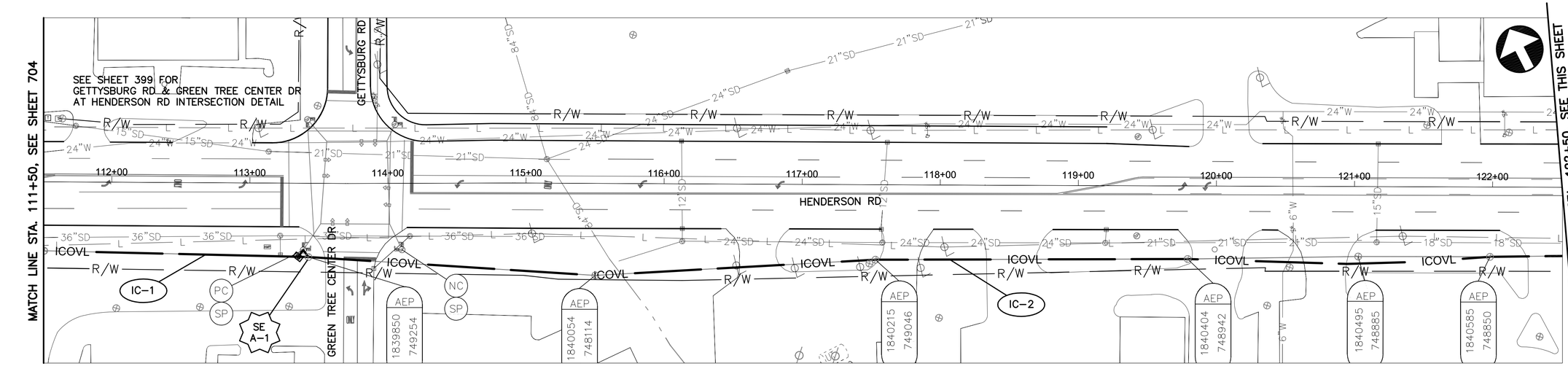
PID NUMBER 13034

INTERCONNECT PLAN
HENDERSON RD BETWEEN STA. 89+50 AND 111+50

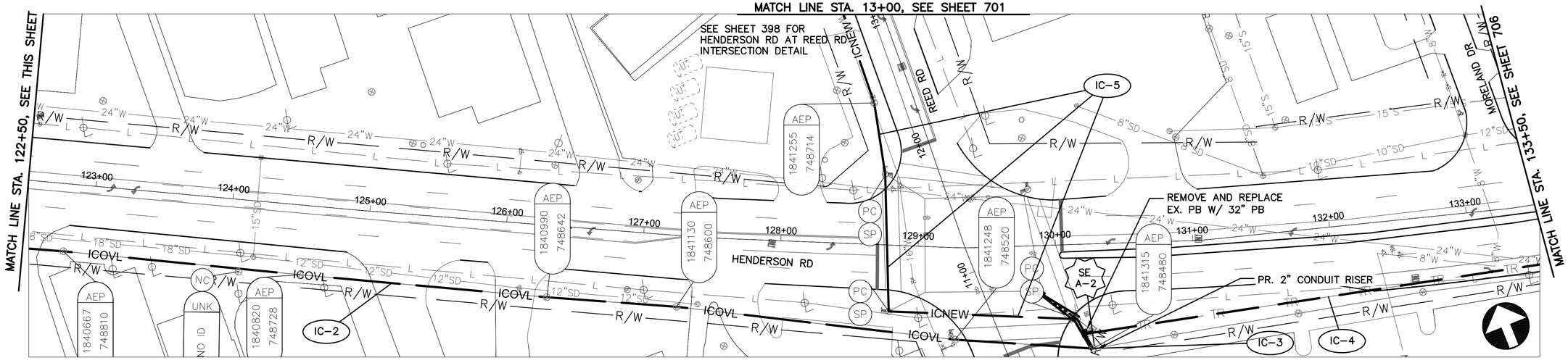
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

704
1107

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HENDERSON RD BETWEEN STATION 111+50 AND 122+50



HENDERSON RD BETWEEN STATION 122+50 AND 133+50

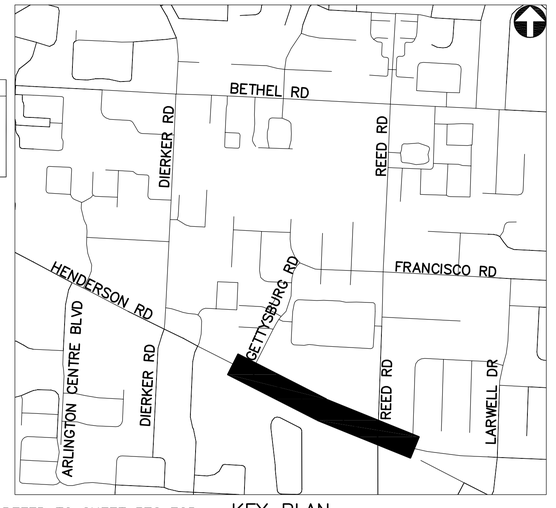
NOTES:

1. SEE SHEET 712 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 743 FOR COMMUNICATION DETAILS.
3. SEE SHEET 47 FOR PULLBOX REMOVE AND REPLACE DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
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CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☒ POWER
- ☐ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

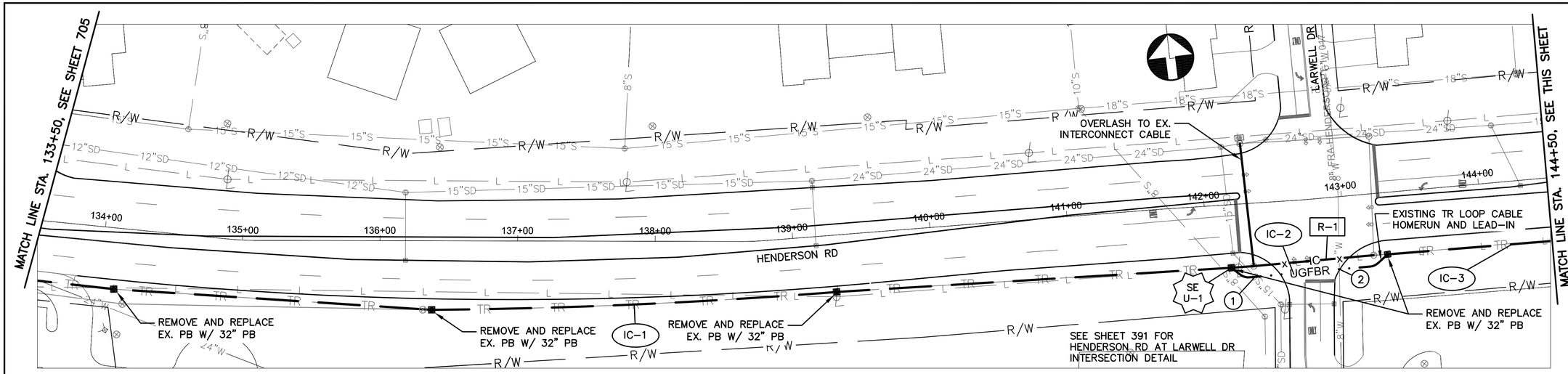
PID NUMBER 13034

INTERCONNECT PLAN
HENDERSON RD BETWEEN STA. 111+50 AND 133+50

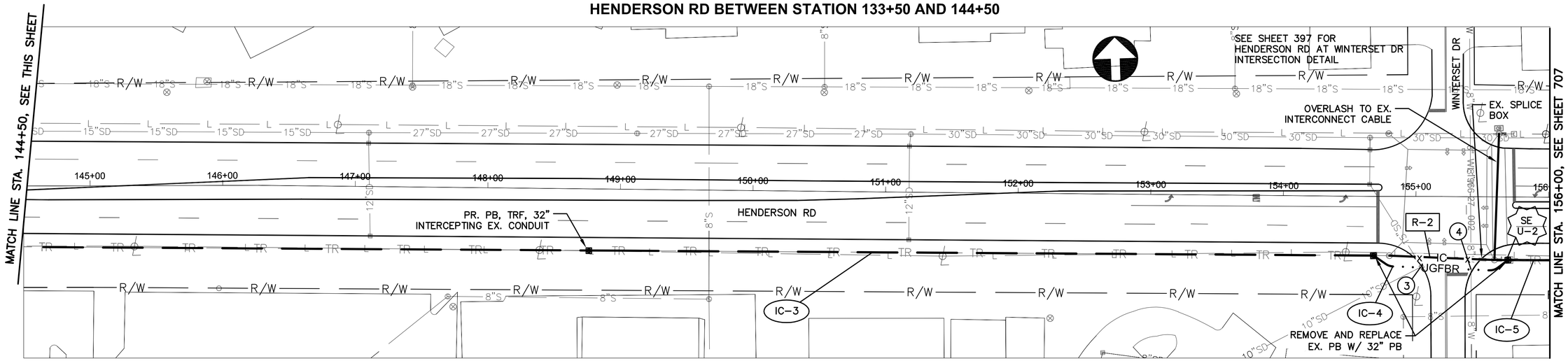
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

705
1107

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HENDERSON RD BETWEEN STATION 133+50 AND 144+50



HENDERSON RD BETWEEN STATION 144+50 AND 156+00

NOTES:

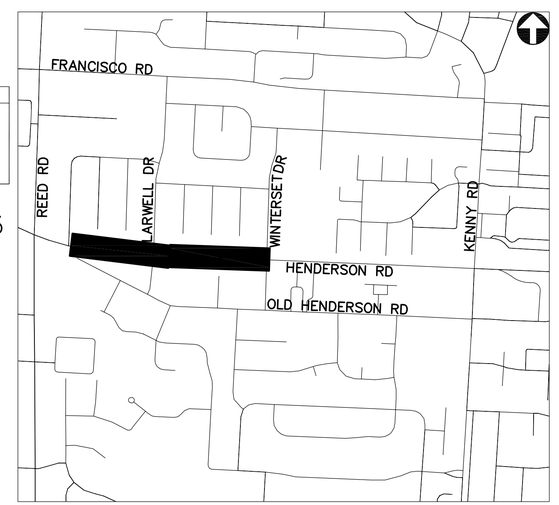
1. SEE SHEET 712 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 743 FOR COMMUNICATION DETAILS.
3. SEE SHEET 47 FOR PULLBOX REMOVE AND REPLACE DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
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(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 16.

CITY OF COLUMBUS UTILITY LEGEND

- ☒ SEWER
- ☒ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

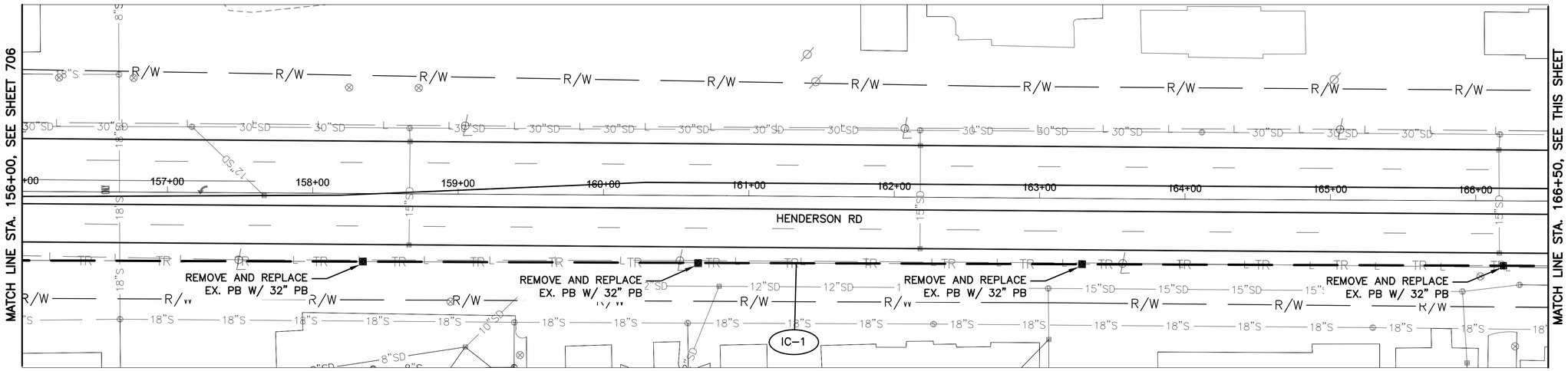
PID NUMBER 13034

INTERCONNECT PLAN
HENDERSON RD BETWEEN STA. 133+50 AND 156+00

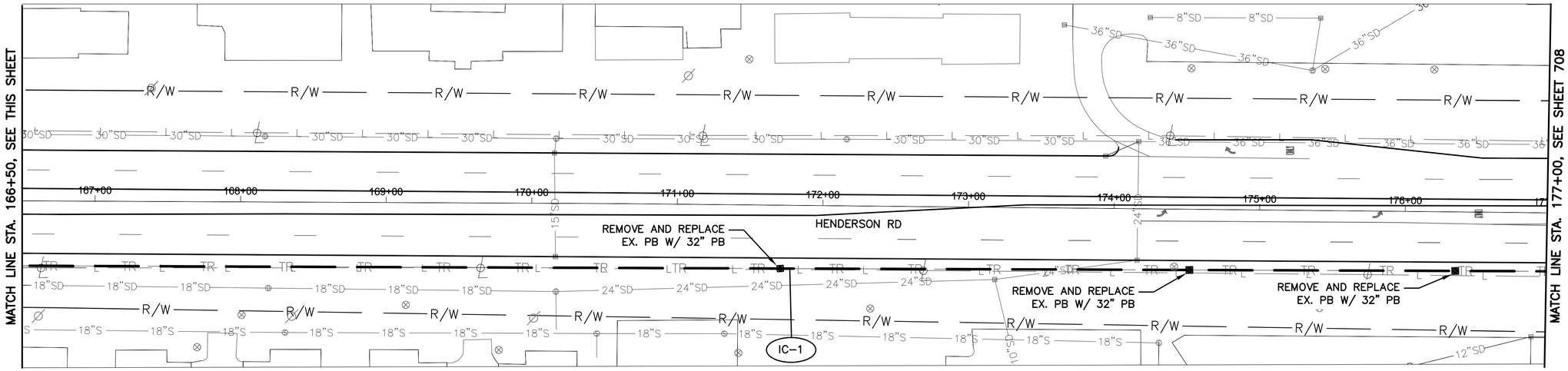
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

706
1107

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HENDERSON RD BETWEEN STATION 156+00 AND 166+50



HENDERSON RD BETWEEN STATION 166+50 AND 177+00

NOTES:

1. SEE SHEET 712 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 743 FOR COMMUNICATION DETAILS.
3. SEE SHEET 47 FOR PULLBOX REMOVE AND REPLACE DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

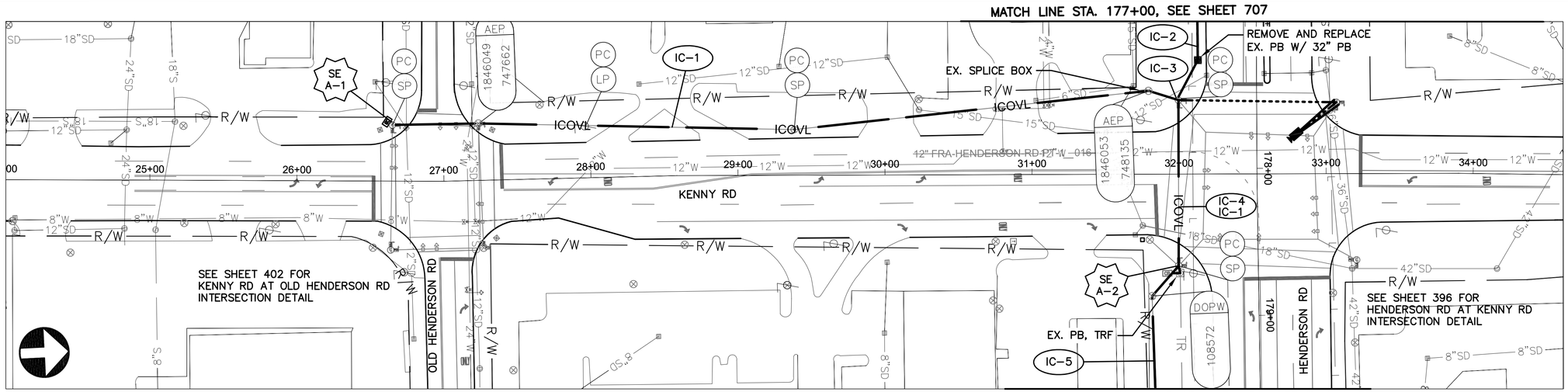
PID NUMBER 13034

INTERCONNECT PLAN
HENDERSON RD BETWEEN STA. 156+00 AND 177+00

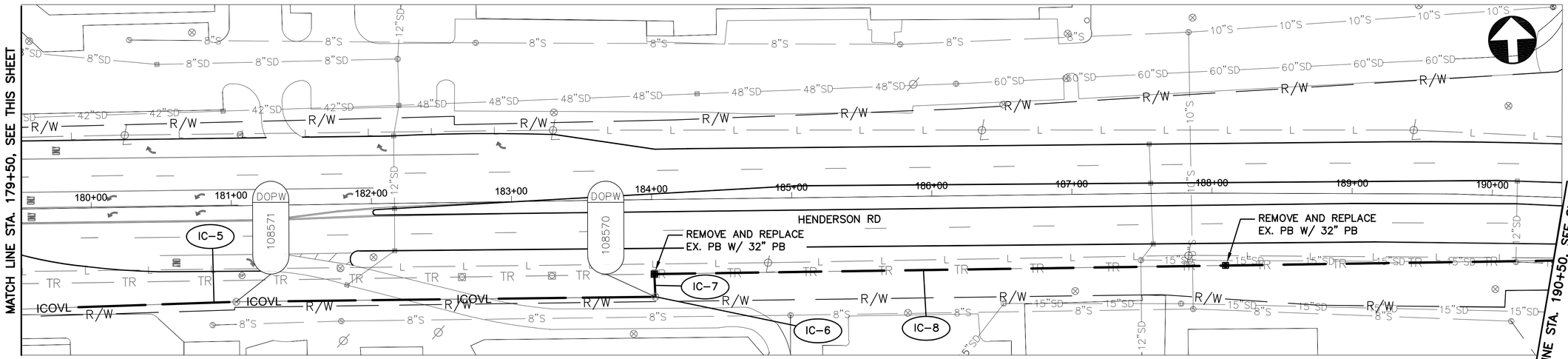
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

707
1107

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KENNY RD BETWEEN STATION 24+00 AND 34+50



HENDERSON RD BETWEEN STATION 179+50 AND 190+50

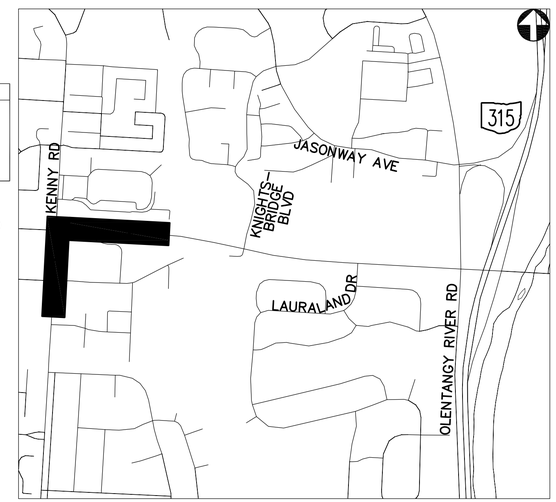
NOTES:

1. SEE SHEET 712 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 743 FOR COMMUNICATION DETAILS.
3. SEE SHEET 47 FOR PULLBOX REMOVE AND REPLACE DETAILS.

UNDERGROUND UTILITIES
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(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 16.

CITY OF COLUMBUS UTILITY LEGEND
- SEWER
- WATER
- POWER
- LIGHTING



KEY PLAN
NOT TO SCALE

REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

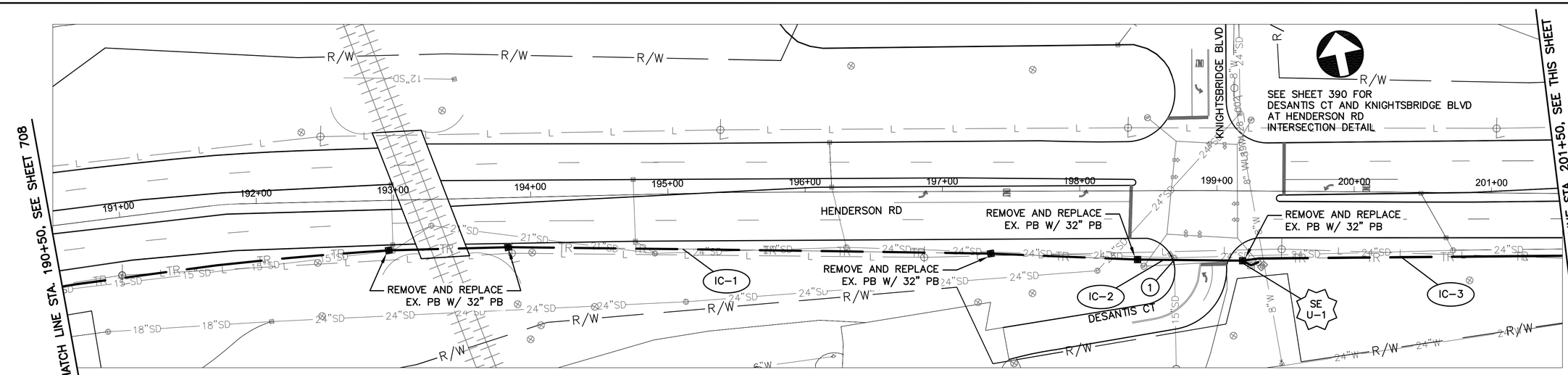
PID NUMBER 13034

INTERCONNECT PLAN – KENNY RD BETWEEN STA. 24+00 AND 34+50
HENDERSON RD BETWEEN STA. 179+50 AND 190+50

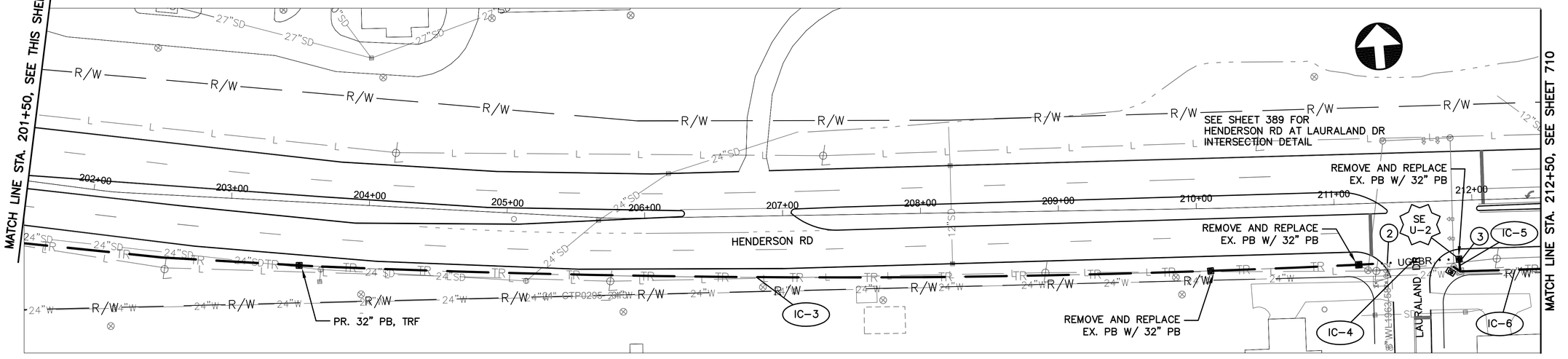
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

708
1107

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HENDERSON RD BETWEEN STATION 190+50 AND 201+50



HENDERSON RD BETWEEN STATION 201+50 AND 212+50

NOTES:

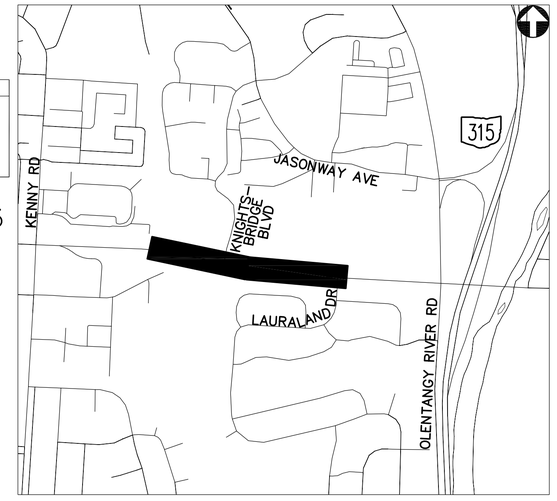
1. SEE SHEET 713 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 743 FOR COMMUNICATION DETAILS.
3. SEE SHEET 47 FOR PULLBOX REMOVE AND REPLACE DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 16.

CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☒ POWER
- ☒ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

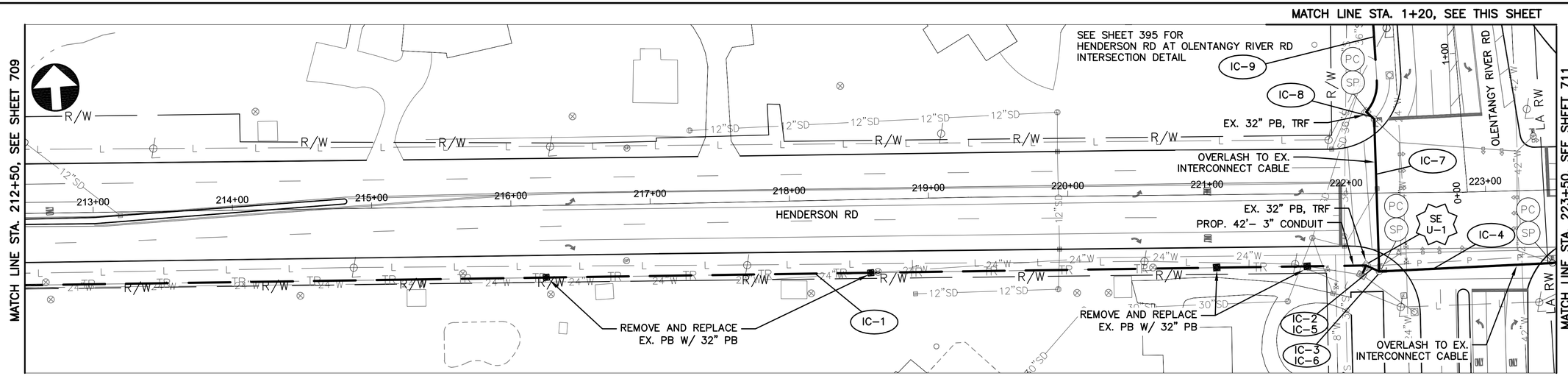
PID NUMBER 13034

INTERCONNECT PLAN
HENDERSON RD BETWEEN STA. 190+50 AND 212+50

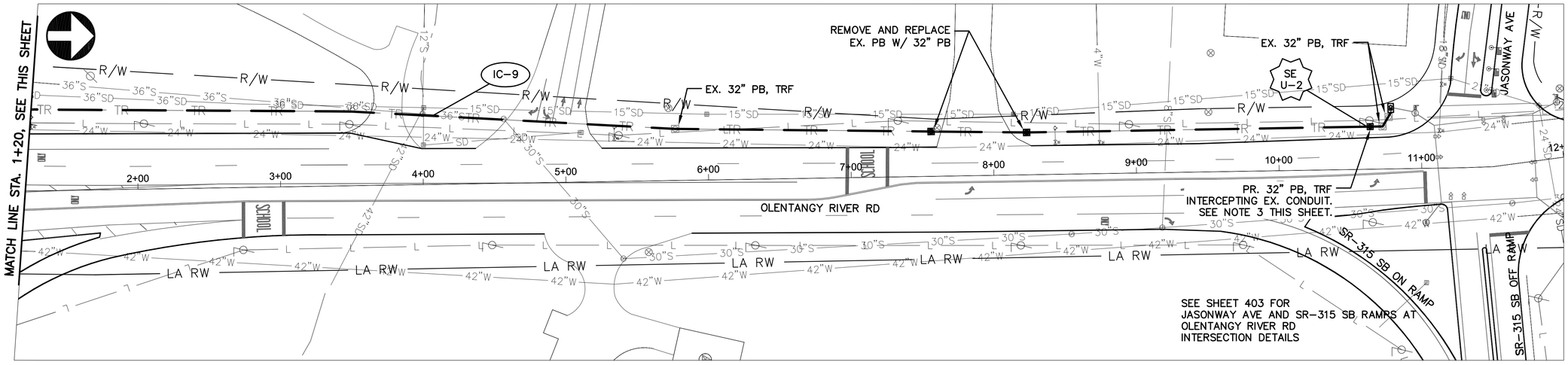
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

709
1107

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HENDERSON RD BETWEEN STATION 212+50 AND 223+50



OLENTANGY RIVER RD BETWEEN STATION 1+20 AND 12+00

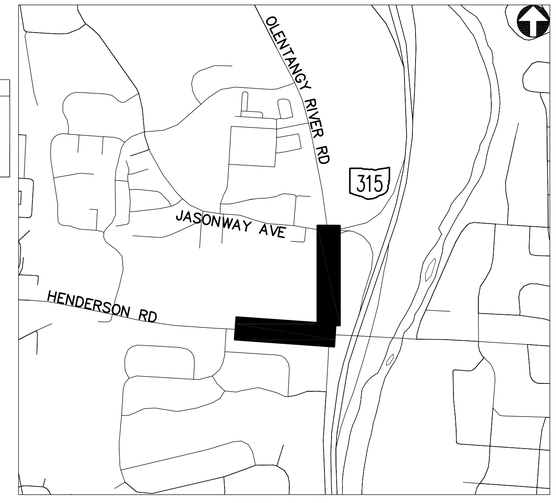
NOTES:

1. SEE SHEET 713 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 743 FOR COMMUNICATION DETAILS.
3. SEE SHEET 47 FOR PULLBOX INTERCEPTING EXISTING CONDUIT DETAILS AND PULLBOX REMOVE AND REPLACE DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
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OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND

- ☐ SEWER
- ☐ WATER
- ☒ POWER
- ☒ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

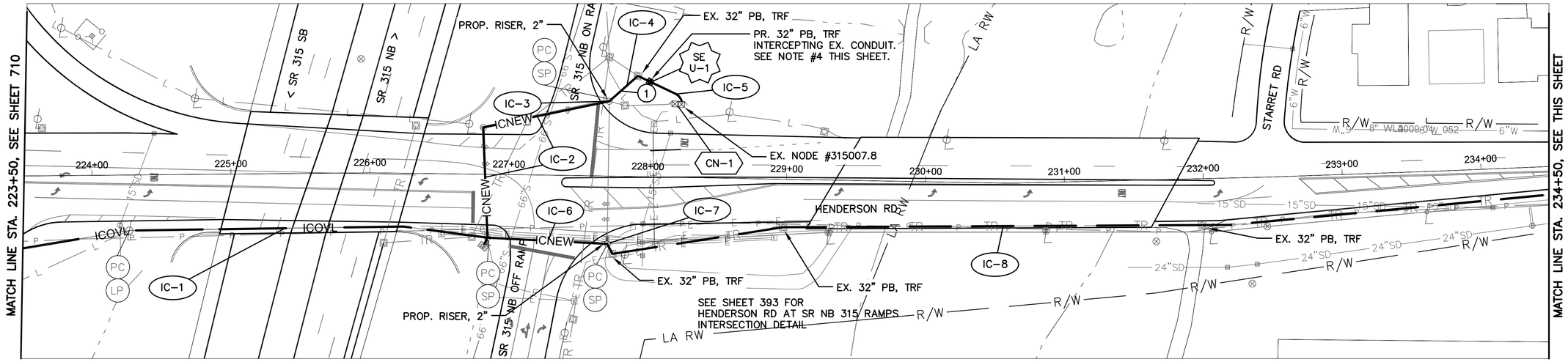
PID NUMBER 13034

INTERCONNECT PLAN - HENDERSON RD BTW STA. 212+50 AND 223+50 AND OLENTANGY RIVER RD BETWEEN STA. 1+20 AND 12+00

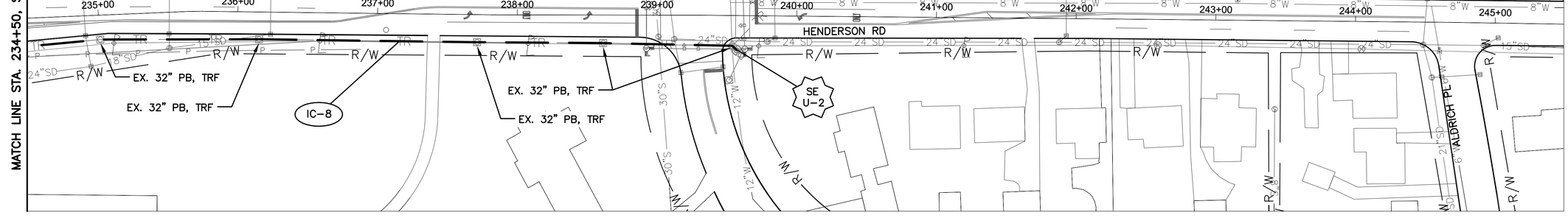
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

710
1107

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HENDERSON RD BETWEEN STATION 223+50 AND 234+50



HENDERSON RD BETWEEN STATION 234+50 AND 245+50

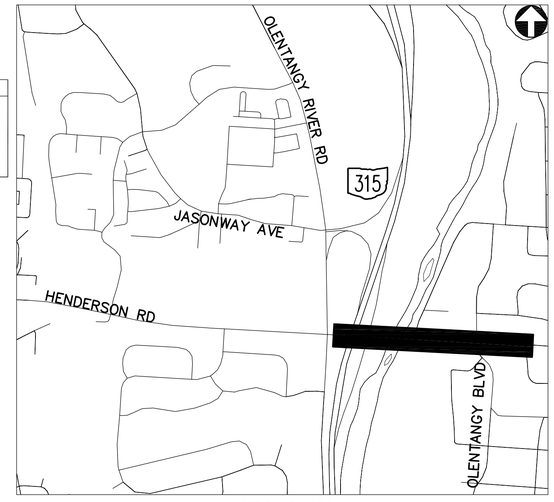
NOTES:

1. SEE SHEET 713 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 743 FOR COMMUNICATION DETAILS.
3. SEE SHEETS 1104 AND 1105 FOR EX. NODE COMMUNICATION DETAILS.
4. SEE SHEET 47 FOR PULLBOX INTERCEPTING EXISTING CONDUIT DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 16.

CITY OF COLUMBUS UTILITY LEGEND
- SEWER
- WATER
- POWER
- LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

INTERCONNECT PLAN
HENDERSON RD BETWEEN STA. 223+50 AND 245+50

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

711
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION		202	625	625	625	625	625	632	632	633	633	804	804	804									
					EXISTING CONDUIT CLEANED, APP	CONDUIT, 3", 725.05, AS PER PLAN	CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, 725.05, 3", AS PER PLAN	PULL BOX, MISC.: CONCRETE, 32"	PULL BOX, REMOVED, AS PER PLAN	TRENCH, 36" DEEP, AS PER PLAN	CONDUIT; 2" RISER, AS PER PLAN	MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES	INTERCONNECT, MISC.: OVERLASH TO EXISTING INTERCONNECT	INTERCONNECT, MISC.: REMOVE EXISTING OVERHEAD INTERCONNECT	FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE	SPLICE ENCLOSURE: OVERHEAD, AS PER PLAN	SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN	FUSION SPLICE, AS PER PLAN *							
			FROM	TO	FT	FT	FT	EACH	EACH	FT	EACH	FT	FT	FT	FT	EACH	EACH								
HENDERSON RD: STA 89+50 TO 111+50																									
704	SE A-1	HENDERSON RD	92+21, 53' RT												75	1		12							
704	IC-1	HENDERSON RD	92+21, 53' RT	103+50, 50' RT									1130		1130										
704	SE A-2	HENDERSON RD	103+50, 50' RT												150	1		24							
704	IC-2	HENDERSON RD	103+50, 50' RT	111+50, 50' RT									800		800										
704			OVERHEAD SAG										29		29										
HENDERSON RD: STA 111+50 TO 133+50																									
705	IC-1	HENDERSON RD	111+50, 50' RT	113+43, 53' RT									192		192										
705	SE A-1	HENDERSON RD	113+43, 53' RT												150	1		24							
705	IC-2	HENDERSON RD	113+43, 53' RT	130+25, 76' RT									1687		1687										
705	SE A-2	HENDERSON RD	130+25, 76' RT												225	1		156							
705	IC-3	HENDERSON RD	130+25, 76' RT								1				35										
705	IC-4	HENDERSON RD	130+25, 76' RT	133+47, 44' RT	347			1	1						347										
705	IC-5	REED RD	10+16, 59' RT	13+09, 27' LT								382			382										
705			PULL BOX SLACK												10										
705			OVERHEAD SAG									6	28		34										
HENDERSON RD: STA 133+50 TO 156+00																									
706	IC-1	HENDERSON RD	133+47, 44' RT	142+17, 46' RT	870			4	4						870										
706	SE U-1	HENDERSON RD	142+17, 46' RT												150		1	24							
706	IC-2	HENDERSON RD	142+17, 46' RT	143+30, 45' RT			119	1	1						119										
706	IC-3	HENDERSON RD	143+30, 45' RT	154+68, 45' RT	1137			2	1						1137										
706	IC-4	HENDERSON RD	154+68, 45' RT	155+70, 48' RT			102	1	1						102										
706	SE U-2	HENDERSON RD	155+70, 48' RT												150		1	24							
706	IC-5	HENDERSON RD	155+70, 48' RT	156+00, 48' RT	32										32										
706	R-1	HENDERSON RD	142+33, 46' RT	143+20, 45' RT										88											
706	R-2	HENDERSON RD	154+80, 45 'RT	155+59, 48' RT										79											
706			PULL BOX SLACK												60										
HENDERSON RD: STA 156+00 TO 177+00																									
707	IC-1	HENDERSON RD	155+59, 48' RT	177+00, 40' RT	2096			5	5						2096										
707			PULL BOX SLACK												50										
KENNY RD: STA 24+00 TO 34+50/HENDERSON RD: STA 179+50 TO 190+50																									
708	SE A-1	KENNY RD	26+65, 38' LT												75	1		12							
708	IC-1	KENNY RD	26+65, 38' LT	32+00, 62' RT									650		650										
708	IC-2	HENDERSON RD	177+00, 40' RT	177+53, 53' RT	56			1	1						56										
708	IC-3	HENDERSON RD	177+53, 53' RT												35										
708	IC-4	HENDERSON RD	177+53, 53' RT	178+65, 54' RT											113										
708	SE A-2	HENDERSON RD	178+65, 54' RT												150	1		132							
708	IC-5	HENDERSON RD	178+65, 54' RT	184+02, 70' RT									543		543										
708	IC-6	HENDERSON RD	184+02, 70' RT								1				35										
708	IC-7	HENDERSON RD	184+02, 70' RT	184+01, 53' RT		16		1	1	16					16										
708	IC-8	HENDERSON RD	184+01, 53' RT	190+45, 45' RT	642										642										
708			PULL BOX SLACK												20										
708			OVERHEAD SAG										18		20										
			SHEET TOTAL		5180	16	221	16	15	16	2	388	5077	167	12367	6	2	408	-	-	-	-	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

2762 DR. E

PID NUMBER 13034

INTERCONNECT QUANTITIES–HENDERSON RD BTWN STA. 89+50 AND 190+50 & KENNY RD BETWEEN STA. 24+00 AND 34+50

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B – AS BUILT (DRAFT)

712
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION FROM	STATION TO	202 EXISTING CONDUIT CLEANED, APP (FT)	625 CONDUIT, 3", 725.05, AS PER PLAN (FT)	625 CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, 725.05, 3", AS PER PLAN (FT)	625 PULL BOX, MISC.: CONCRETE, 32" (EACH)	625 PULL BOX, REMOVED, AS PER PLAN (EACH)	625 TRENCH, 36" DEEP, AS PER PLAN (FT)	632 MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES (FT)	633 CONTROLLER ITEM, MISC.: FIBER OPTIC ETHERNET TRANSCEIVER (EACH)	633 INTERCONNECT, MISC.: OVERLASH TO EXISTING INTERCONNECT (FT)	804 FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE (FT)	804 FIBER OPTIC CABLE, MISC.: 24 COUNT PRE-TERMINATED PATCH PANEL ASSEMBLY (EACH)	804 FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 144 TERMINATION (EACH)	804 SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN (EACH)	FUSION SPLICE, AS PER PLAN *							
HENDERSON RD: STA 190+50 TO 212+50																									
709	IC-1	HENDERSON RD	190+45, 45' RT	198+42, 50' RT	785			4	4					785											
709	IC-2	HENDERSON RD	198+42, 50' RT	199+19, 51' RT			76	1	1					76											
709	SE U-1	HENDERSON RD	199+19, 51' RT											150			1	24							
709	IC-3	HENDERSON RD	199+19, 51' RT	211+16, 44' RT	1204			1	1					1204											
709	IC-4	HENDERSON RD	211+16, 44' RT	211+89, 42' RT			73	1	1					73											
709	SE U-2	HENDERSON RD	211+89, 42' RT											150			1	24							
709	IC-5	HENDERSON RD	211+89, 42' RT	211+90, 51' RT		9				9				9											
709	IC-6	HENDERSON RD	211+90, 51' RT	212+50, 51' RT	58									58											
709			PULL BOX SLACK											60											
HENDERSON RD: STA 212+50 TO 223+50/OLENTANGY RIVER RD: STA 1+20 TO 12+00																									
710	IC-1	HENDERSON RD	212+50, 51' RT	222+14, 52' RT	963			2	2					963											
710	SE U-1	HENDERSON RD	222+14, 52' RT											225			1	204							
710	IC-2	HENDERSON RD	222+14, 52' RT	222+23, 56' RT	10									10											
710	IC-3	HENDERSON RD	222+23, 56' RT											35											
710	IC-4	HENDERSON RD	222+23, 56' RT	223+50, 52' RT									126	126											
710	IC-5	HENDERSON RD	222+14, 52' RT	222+23, 56' RT										10											
710	IC-6	HENDERSON RD	222+23, 56' RT											35											
710	IC-7	HENDERSON RD	222+23, 56' RT	222+21, 53' LT									109	109											
710	IC-8	OLENTANGY RIVER RD	00+58, 62' LT											35											
710	IC-9	OLENTANGY RIVER RD	00+58, 62' LT	10+64, 30' LT	1008			3	2					1008											
710	SE U-2	OLENTANGY RIVER RD	10+64, 30' LT											75			1	12							
710			PULL BOX SLACK											60											
710			OVERHEAD SAG										4	4											
HENDERSON RD: STA 223+50 TO 245+50																									
711	IC-1	HENDERSON RD	223+50, 52' RT	226+85, 46' RT									336	336											
711	IC-2	HENDERSON RD	226+85, 46' RT	227+71, 54' LT							172			344											
711	IC-3	HENDERSON RD	227+71, 54' LT											70											
711	IC-4	HENDERSON RD	227+71, 54' LT	227+92, 73' LT		28				28				56											
711	IC-5	HENDERSON RD	227+92, 73' LT	228+23, 53' LT	37			1						94											
711	SE U-1	HENDERSON RD	228+01, 69' LT											300			1	288							
711	CN-1	HENDERSON RD	228+23, 53' LT									2			2	2									
711	IC-6	HENDERSON RD	226+85, 46' RT	227+72, 49' RT							86			86											
711	IC-7	HENDERSON RD	227+72, 49' RT											35											
711	IC-8	HENDERSON RD	227+72, 49' RT	239+54, 22' RT	1190									1190											
711	SE U-2	HENDERSON RD	239+54, 22' RT											75			1	12							
711			PULL BOX SLACK											90											
711			OVERHEAD SAG								4		5	11											
			SHEET TOTAL		5255	37	149	13	11	37	262	2	580	7947	2	2	6	564	-	-	-	-	-	-	-

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

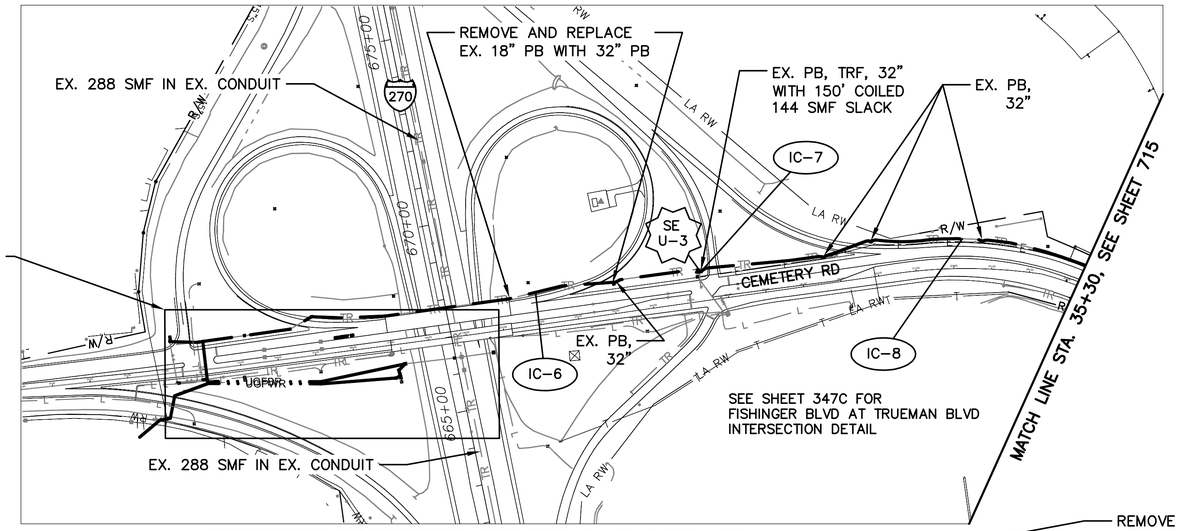
PID NUMBER 13034

INTERCONNECT QUANTITIES
HENDERSON RD BETWEEN STA. 190+50 AND 245+50

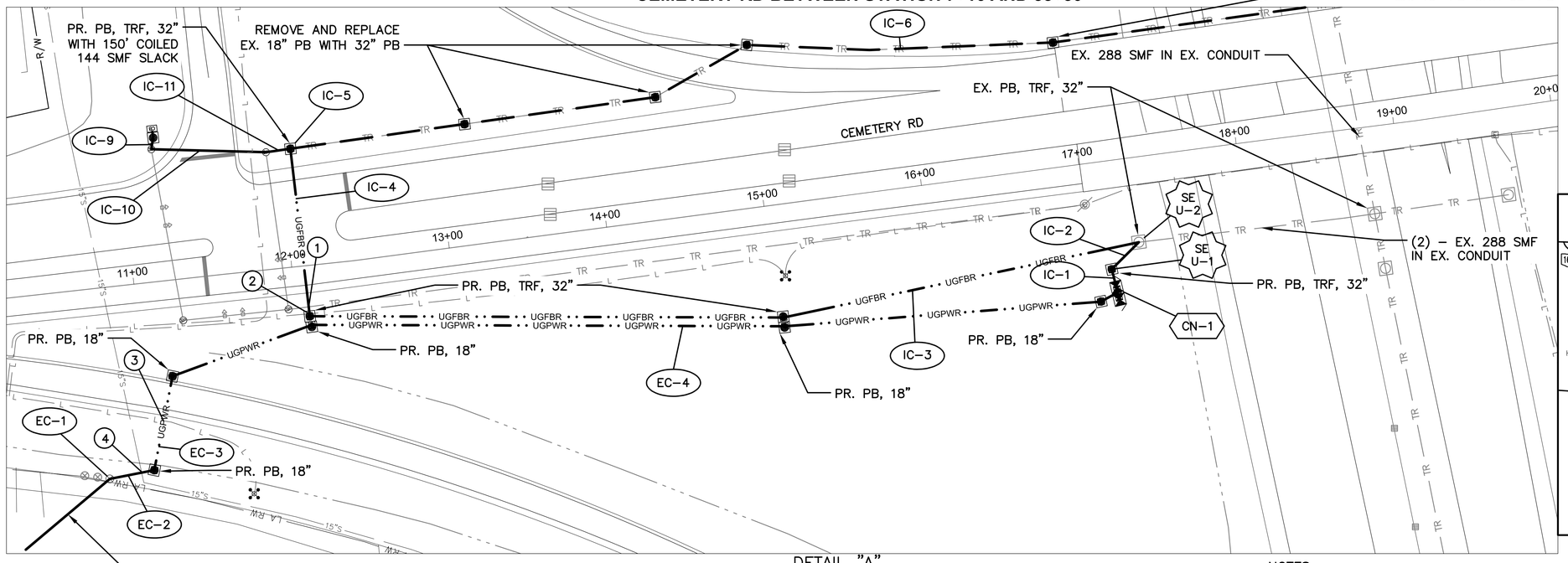
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

2762 DR. E

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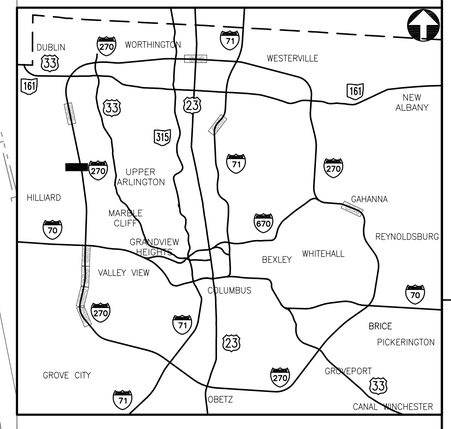


CEMETERY RD BETWEEN STATION 7+16 AND 35+30



DETAIL "A"
SCALE: 1"=40'

NODE #270012.6
REFER TO SHEETS 1086 AND
1087 FOR COMMUNICATION
DETAILS



KEY PLAN
NOT TO SCALE

REFER TO SHEET 378 FOR
INTERCONNECT SHEET INDEX

NOTES:

1. SEE SHEET 718 FOR INTERCONNECT QUANTITIES.

2. CONTRACTOR TO REPLACE CITY OF HILLIARD TRAFFIC SIGNAL INTERCONNECT CABLE AT DIRECTION OF THE ENGINEER. SEE SHEET 21 FOR ADDITIONAL NOTES.

3. SEE SHEET 62 FOR POWER SERVICE DETAILS.

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 16.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS
UTILITY LEGEND
- ☒ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING

2762 DR. E

HORIZONTAL SCALE IN FEET
0 200 400

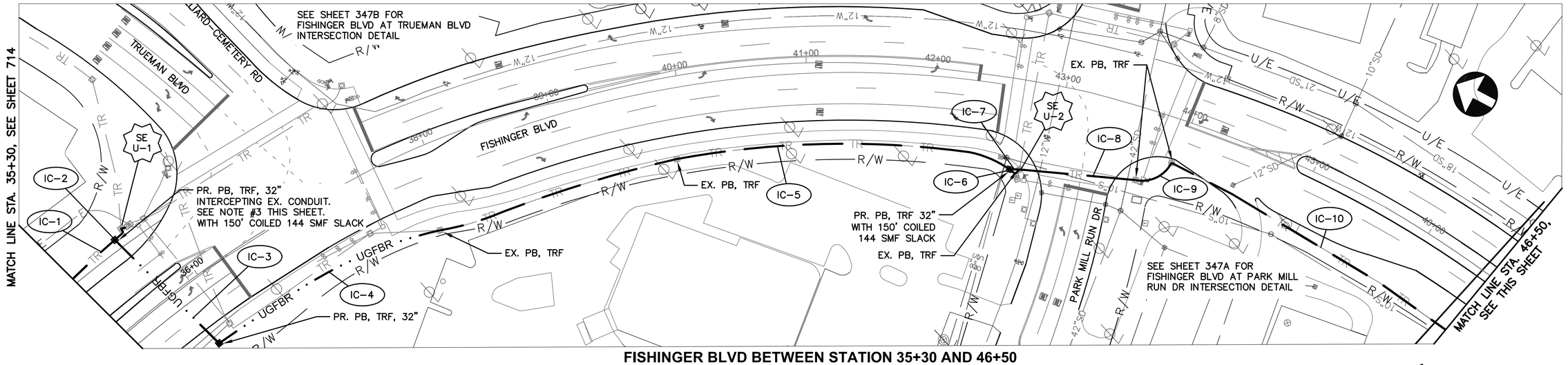
PID NUMBER
13034

NODE SHEET
CEMETERY RD BETWEEN STA. 7+16 AND 35+30

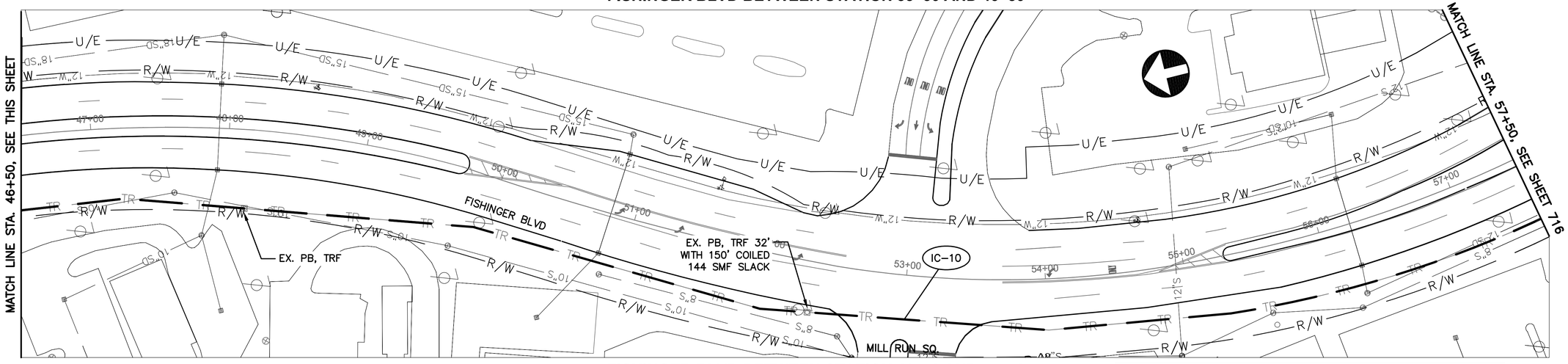
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

714
1107

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FISHINGER BLVD BETWEEN STATION 35+30 AND 46+50



FISHINGER BLVD BETWEEN STATION 46+50 AND 57+50

NOTES:

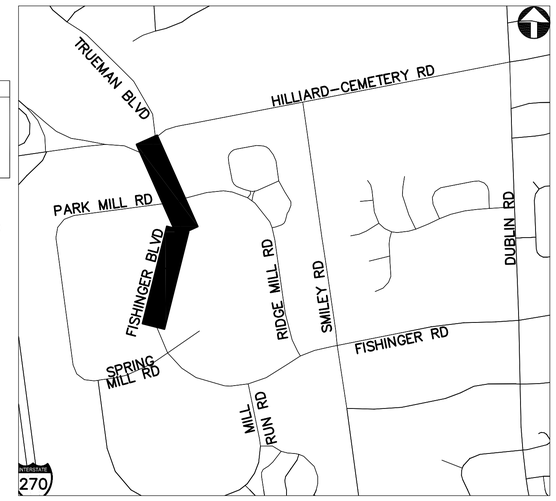
1. SEE SHEET 719 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 749 FOR COMMUNICATION DETAILS.
3. SEE SHEET 47 FOR PROPOSED PULLBOX INTERCEPTING EXISTING CONDUIT DETAILS.

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OHIO UTILITIES PROTECTION SERVICE

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 16.

CITY OF COLUMBUS UTILITY LEGEND

- ☒ SEWER
- ☒ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

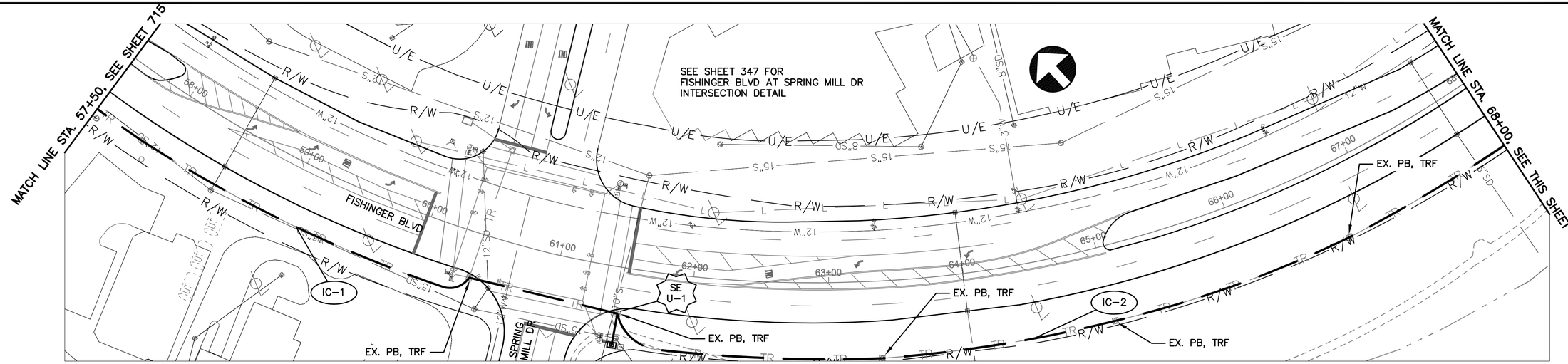
PID NUMBER 13034

INTERCONNECT PLAN
FISHINGER BLVD BETWEEN STA. 35+30 AND 57+50

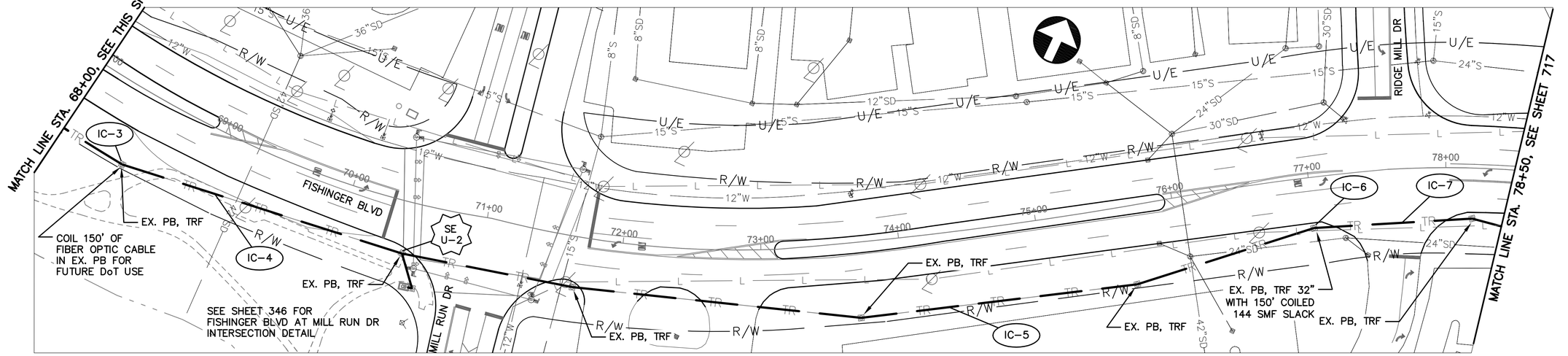
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM (CTSS) PHASE B - AS BUILT (DRAFT)

715
1107

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FISHINGER BLVD BETWEEN STATION 57+50 AND 68+00



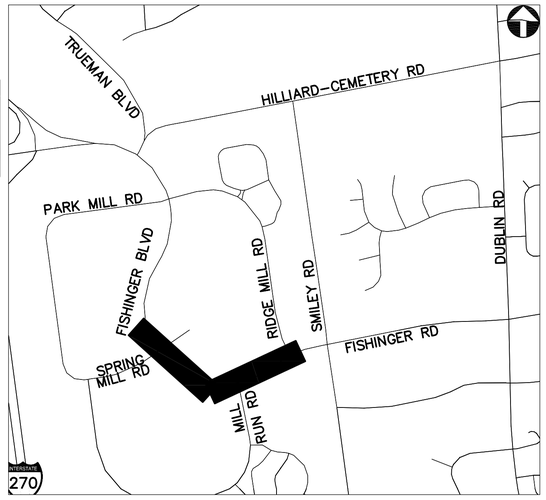
FISHINGER BLVD BETWEEN STATION 68+00 AND 78+50

NOTES:

1. SEE SHEET 719 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 749 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

CITY OF COLUMBUS UTILITY LEGEND
- ☐ SEWER
- ☐ WATER
- ☐ POWER
- ☐ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

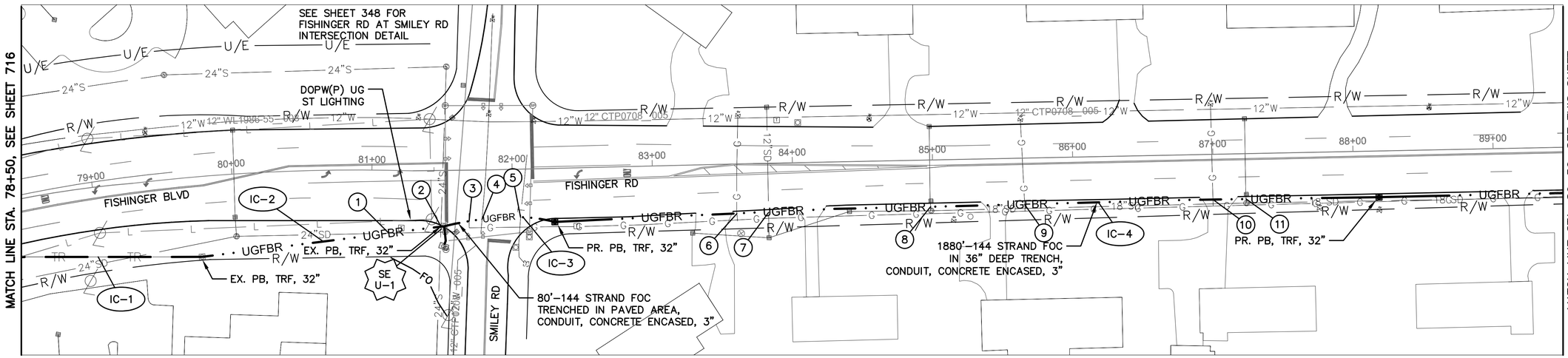
PID NUMBER 13034

INTERCONNECT PLAN
FISHINGER BLVD BETWEEN STA. 57+50 AND 78+50

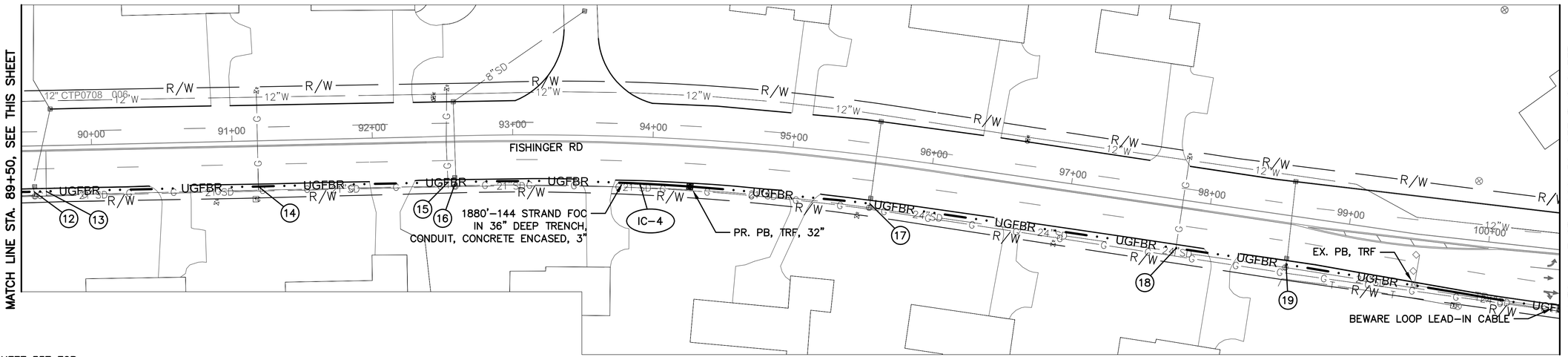
CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

716
1107

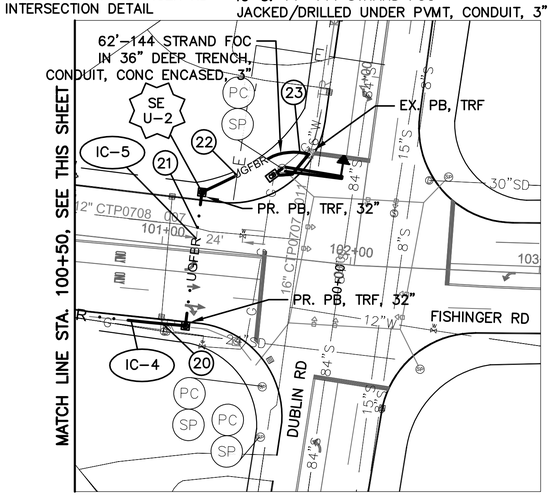
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FISHINGER BLVD/RD BETWEEN STATION 78+50 AND 89+50



FISHINGER RD BETWEEN STATION 89+50 AND 100+50



FISHINGER RD BETWEEN STATION 100+50 AND 103+00

SHEET #	UTILITY CROSSING ID#	STATION	UTILITY TYPE/SIZE	TOP OF UTILITY ELEVATION	EXISTING GROUND ELEVATION	BOTTOM OF PROPOSED ELEVATION	VERTICAL SEPARTION FEET
717	1	81+13, 45' RT	24" STORM DRAIN	841.4 S	854.0 FV	851	9.6
717	2	81+48, 40' RT	24" SANITARY	834.4 S	852.3 FV	849.3	14.9
717	3	81+69, 37' RT	GAS				
717	4	81+79, 35' RT	WATER	841.2 S	852.8 FV	849.8	8.6
717	5	82+05, 35' RT	TELECOMMUNICATIONS				
717	6	83+60, 35' RT	GAS				
717	7	83+82, 35' RT	12" STORM DRAIN	2.0 BG	846.0 FG	843	
717	8	84+98, 33' RT	18" STORM DRAIN	2.2 BG	846.0 FG	843	
717	9	85+65, 33' RT	GAS				
717	10	87+00, 32' RT	GAS				
717	11	87+23, 32' RT	18" STORM DRAIN	2.3 BG	846.0 FG	843	
717	12	89+59, 33' RT	21" STORM DRAIN	3.7 BG	844.0 FG	841	
717	13	89+67, 33' RT	GAS				
717	14	91+18, 32' RT	GAS				
717	15	92+53, 33' RT	GAS				
717	16	92+58, 33' RT	21" STORM DRAIN	2.3 BG	840.0 FG	837	
717	17	95+59, 34' RT	12" STORM DRAIN	2.1 BG	836.0 FG	833	
717	18	97+80, 35' RT	GAS				
717	19	98+59, 34' RT	24" STORM DRAIN	2.3 BG	832.0 FG	829	
717	20	101+05, 42' RT	12" STORM DRAIN	830.0 C	832.6 FV	829.6	-0.4
717	21	101+18, 10' LT	12" WATER	818.1 S	832.3 FV	829.3	11.2
717	22	101+36, 40' LT	ELECTRIC				
717	23	101+67, 56' LT	GAS				

NOTES:

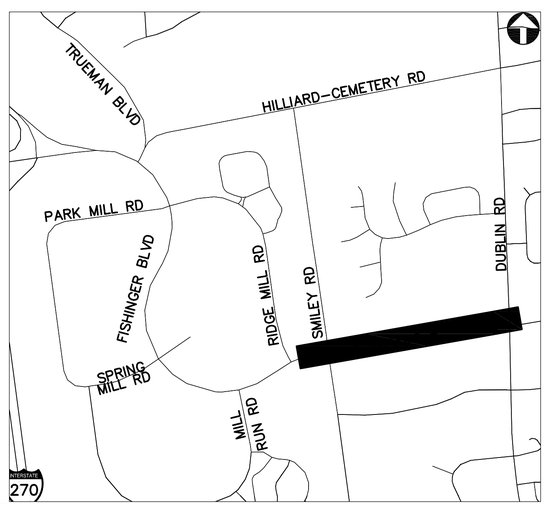
1. SEE SHEET 719 FOR INTERCONNECT QUANTITIES.
2. SEE SHEET 749 FOR COMMUNICATION DETAILS.

UNDERGROUND UTILITIES
TWO WORKING DAYS BEFORE YOU DIG
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OHIO UTILITIES PROTECTION SERVICE

(#) EXISTING UTILITY CROSSING. SEE UTILITY CROSSING INFO SHEET 16.

CITY OF COLUMBUS UTILITY LEGEND

- ☒ SEWER
- ☒ WATER
- ☒ POWER
- ☒ LIGHTING



REFER TO SHEET 378 FOR INTERCONNECT SHEET INDEX

KEY PLAN
NOT TO SCALE

2762 DR. E

HORIZONTAL SCALE IN FEET
0 40 80

PID NUMBER 13034

INTERCONNECT PLAN
FISHINGER RD BETWEEN STA. 78+50 AND 103+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B - AS BUILT (DRAFT)

717
1107

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION FROM	STATION TO	202 EXISTING CONDUIT CLEANED, APP (FT)	625 CONDUIT, 2", 725.05, AS PER PLAN (FT)	625 CONDUIT, 3", 725.05, AS PER PLAN (FT)	625 CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, 725.05, 3", AS PER PLAN (FT)	625 NO. 4 AWG 600 VOLT DISTRIBUTION CABLE (FT)	625 POWER SERVICE, AS PER PLAN (EACH)	625 PULL BOX, 18", AS PER PLAN (EACH)	625 PULL BOX, MISC.: CONCRETE, 32" (EACH)	625 PULL BOX, REMOVED, AS PER PLAN (EACH)	625 TRENCH, 36" DEEP, AS PER PLAN (FT)	632 INTERCONNECT CABLE, 12 PAIR, NO. 19 AWG, SOLID, REA (PE-39) (FT)	632 MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCESSORIES (FT)	632 WOOD POLE (EACH)	633 CONTROLLER ITEM, MISC.: COMMUNICATIONS NODE (EACH)	633 CONTROLLER ITEM, MISC.: FIBER OPTIC ETHERNET TRANSCEIVER (EACH)	633 CONTROLLER ITEM, MISC.: LAYER 3 ETHERNET SWITCH (EACH)	804 FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE (FT)	804 FIBER OPTIC CABLE, MISC.: 24 COUNT PRE-TERMINATED PATCH PANEL ASSEMBLY (EACH)	804 FIBER OPTIC CABLE, MISC.: 24 STRAND CABLE (FT)	804 FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 144 TERMINATION (EACH)	804 FIBER OPTIC CABLE, MISC.: PATCH PANEL ENCLOSURE, 24 TERMINATION (EACH)	804 SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN (EACH)	FUSION SPLICE, AS PER PLAN *
CEMETERY RD: STA 7+16 TO 35+30																											
714	EC-1	CEMETERY RD	10+64, 118' RT							1							1										
714	EC-2	CEMETERY RD	10+64, 118' RT	11+00, 118' RT		36			108		1			36													
714	EC-3	CEMETERY RD	11+00, 118' RT	11+18, 60' RT				60	180		1																
714	EC-4	CEMETERY RD	11+18, 60' RT	17+14, 84' RT		601			1803		2			601													
714	CN-1	CEMETERY RD	17+14, 84' RT															1	4	1		1		2	1		
714	IC-1	CEMETERY RD	17+14, 84' RT	17+12, 68' RT			30					1		15							80		40				
714	SE U-1	CEMETERY RD	17+12, 68' RT																		150		150			1	144
714	IC-2	CEMETERY RD	17+12, 68' RT	17+31, 53' RT			48							24							24		24				
714	SE U-2	CEMETERY RD	17+31, 53' RT																				225				48
714	IC-3	CEMETERY RD	17+31, 53' RT	12+08, 32' RT			1054					2		527							527						
714	IC-4	CEMETERY RD	12+08, 32' RT	12+08, 74' LT				212				1									106						
714	IC-5	CEMETERY RD	12+08, 74' LT																		150						
714	IC-6	CEMETERY RD	12+08, 74' LT	25+38, 78' LT	1338							6	6		1472												
714	IC-7	CEMETERY RD	25+38, 78' LT																		150						
714	IC-8	CEMETERY RD	25+38, 78' LT	35+30, 57' LT	1040																1040						
714	IC-9	CEMETERY RD	11+22, 96' LT	11+20, 83' LT											13												
714	IC-10	CEMETERY RD	11+20, 83' LT	11+93, 73' LT											142	72											
714	IC-11	CEMETERY RD	11+93, 73' LT	12+07, 74' LT											16												
714			PULL BOX SLACK						60						50						130		10				
			SHEET TOTAL		2378	637	1132	272	2151	1	4	10	6	1203	1693	72	1	1	4	1	2357	1	449	2	1	1	192

* NOTE: FIBER OPTIC FUSION SPLICES ARE INCIDENTAL TO FIBER OPTIC CABLE COST AND QUANTITIES ARE FOR REFERENCE ONLY. QUANTITIES ARE NOT CARRIED TO QUANTITY SUMMARY SHEETS.

2762 DR. E

PID NUMBER 13034

INTERCONNECT QUANTITIES
CEMETERY RD BETWEEN STA. 7+16 AND 35+30

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

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ESTIMATED QUANTITIES

SHEET NUMBER	REFERENCE NUMBER	LOCATION	STATION FROM	STATION TO	202 EXISTING CONDUIT CLEANED, APP	625 CONDUIT, 3", 725.05, AS PER PLAN	625 CONDUIT, CONCRETE ENCASED, 3", 725.05, AS PER PLAN	625 CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, 725.05, 3", AS PER PLAN	625 PULL BOX, MISC.: CONCRETE, 32"	625 TRENCH IN PAVED AREA, AS PER PLAN	625 TRENCH, 36" DEEP, AS PER PLAN	804 FIBER OPTIC CABLE, MISC.: 144 STRAND CABLE	804 SPLICE ENCLOSURE: UNDERGROUND, AS PER PLAN	FUSION SPLICE, AS PER PLAN *
			FROM	TO	FT	FT	FT	FT	EACH	FT	FT	FT	EACH	
FISHINGER BLVD: STA 35+30 TO 57+50														
715	IC-1	FISHINGER BLVD	35+30, 57' LT	35+67, 59' LT	44							44		
715	IC-2	FISHINGER BLVD	35+67, 59' LT						1			150		
715	IC-3	FISHINGER BLVD	35+67, 59' LT	35+81, 52' RT				224	1			112		
715	IC-4	FISHINGER BLVD	35+81, 52' RT	37+84, 65' RT		382					191	191		
715	IC-5	FISHINGER BLVD	37+84, 65' RT	42+67, 69' RT		882			1		441	441		
715	IC-6	FISHINGER BLVD	42+67, 69' RT									150		
715	IC-7	FISHINGER BLVD	42+67, 69' RT	42+75, 68' RT		16					8	8		
715	IC-8	FISHINGER BLVD	42+75, 68' RT	43+72, 55' RT	89							89		
715	IC-9	FISHINGER BLVD	43+72, 55' RT	43+95, 34' RT		66					33	33		
715	IC-10	FISHINGER BLVD	43+95, 34' RT	57+50, 47' RT	1352							1502		
715			PULL BOX SLACK									80		
FISHINGER BLVD: STA 57+50 TO 78+50														
716	IC-1	FISHINGER BLVD	57+50, 47' RT	61+48, 34' RT	424							424		
716	SE U-1	FISHINGER BLVD	61+48, 34' RT									150	1	24
716	IC-2	FISHINGER BLVD	61+48, 34' RT	68+46, 55' RT	751							751		
716	IC-3	FISHINGER BLVD	68+46, 55' RT									150		
716	IC-4	FISHINGER BLVD	68+46, 55' RT	70+46, 38' RT	214							214		
716	SE U-2	FISHINGER BLVD	70+46, 38' RT									150	1	24
716	IC-5	FISHINGER BLVD	70+46, 38' RT	77+00, 37' RT	672							672		
716	IC-6	FISHINGER BLVD	77+00, 37' RT									150		
716	IC-7	FISHINGER BLVD	77+00, 37' RT	78+43, 41' RT	136							136		
716			PULL BOX SLACK									80		
FISHINGER BLVD/RD: STA 78+50 TO 103+00														
717	IC-1	FISHINGER BLVD	78+43, 41' RT	79+74, 57' RT	129							129		
717	IC-2	FISHINGER BLVD	79+74, 57' RT	81+51, 40' RT			174				174	174		
717	SE U-1	FISHINGER BLVD	81+51, 40' RT									150	1	24
717	IC-3	FISHINGER RD	81+51, 40' RT	101+27, 30' LT			2035		5	2035		2035		
717	SE U-2	FISHINGER RD	101+27, 30' LT									75	1	12
717			PULL BOX SLACK									50		
			SHEET TOTAL		3811	1346	2209	224	8	2035	847	8290	4	84

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2762 DR. E

PID NUMBER 13034

INTERCONNECT QUANTITIES
FISHINGER BLVD/RD BETWEEN STA. 35+30 AND 103+00

CITY OF COLUMBUS TRAFFIC SIGNAL SYSTEM
(CTSS) PHASE B – AS BUILT (DRAFT)

719
1107

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