

STATE OF OHIO DEPARTMENT OF TRANSPORTATION

WAR/MOT-75-11.56/0.00

CITY OF MIAMISBURG
CITY OF SPRINGBORO
CLEARCREEK AND MIAMI TOWNSHIPS
WARREN AND MONTGOMERY COUNTIES



LOCATION MAP

LATITUDE: 39°36'10" LONGITUDE: 84°14'10"



END PROJECT
STA. 149+15.00

BEGIN PROJECT
STA. 186+00.00

PORTION TO BE IMPROVED	=====
INTERSTATE HIGHWAY	=====
FEDERAL ROUTES	=====
STATE ROUTES	=====
COUNTY & TOWNSHIP ROADS	=====
OTHER ROADS	-----

DESIGN DESIGNATION

CURRENT ADT (2028)	147,900
DESIGN YEAR ADT (2048)	170,400
DESIGN HOURLY VOLUME (2048)	15,340
DIRECTIONAL DISTRIBUTION	0.51
TRUCKS (24 HOUR B&C)	17%
Td	11%
DESIGN SPEED	70 MPH
LEGAL SPEED	65 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	
01 INTERSTATE (URBAN)	
NHS PROJECT	YES

DESIGN EXCEPTIONS

NONE REQUIRED

ADA DESIGN WAIVERS

NONE REQUIRED

UNDERGROUND UTILITIES
Contact Two Working Days
Before You Dig

OHIO811.org
Before You Dig

OHIO811, 8-1-1, or 1-800-362-2764
(Non members must be called directly)

PLAN PREPARED BY:
CARPENTER MARTY transportation
6612 SINGLETREE DRIVE COLUMBUS, OH 43229
614.656.2424 • WWW.CMTTRAN.COM

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STANDARD CONSTRUCTION DRAWINGS										SUPPLEMENTAL SPECIFICATIONS				SPECIAL PROVISIONS					
BP-3.1	1/19/24	MGS-5.2	7/15/16	HL-30.11	1/16/26	MT-95.30	7/18/25	MT-99.30	1/17/20	TC-15.116	1/16/26	TC-61.30	7/19/24	800-2023	1/16/26	902	1/16/26	WPC	12/18/2025
BP-5.1	1/16/26	MGS-5.3	7/15/16	HL-30.21	4/17/20	MT-95.31	7/18/25	MT-99.50	7/18/25	TC-16.22	1/16/26	TC-65.10	1/17/14	804	1/16/26	904	7/15/22		
BP-9.1	1/18/19	MGS-6.2	7/18/25	HL-30.22	1/17/25	MT-95.32	7/18/25	MT-99.60	7/19/24	TC-21.11	1/16/26	TC-65.11	1/17/25	807	1/17/25	905	1/17/25		
CB-4	7/19/24	RM-4.1	1/17/20	HL-40.20	7/18/25	MT-95.45	7/21/23	MT-100.00	1/19/24	TC-21.21	7/18/25	TC-71.10	1/16/26	808	7/19/24	908	1/17/25		
DM-1.1	1/17/25	RM-4.2	1/16/26	HL-60.11	7/21/17	MT-95.50	7/21/17	MT-101.60	1/17/25	TC-22.20	7/18/25	TC-72.20	1/16/26	809	1/16/26	909	1/16/26		
DM-1.2	1/17/25	RM-4.5	1/16/26	HL-60.31	1/16/26	MT-95.70	7/21/23	MT-101.70	7/19/24	TC-41.10	1/16/26	TC-75.10	1/16/26	813	7/21/23	913	4/16/21		
DM-4.2	7/20/12	RM-4.6	7/18/25	ITS-10.11	1/17/25	MT-95.71	7/21/23	MT-101.75	7/21/23	TC-41.20	10/18/13	TC-81.22	1/16/26	814	7/15/16	914	7/15/16		
DM-4.3	1/15/16	HW-2.1	7/15/22	ITS-10.10	1/17/25	MT-98.10	1/17/20	MT-101.90	7/17/20	TC-41.30	4/21/23	TC-83.20	1/16/26	821	4/20/12	921	7/19/24		
DM-4.4	1/15/16	HW-2.2	7/20/18	ITS-14.10	1/17/25	MT-98.20	4/19/19	MT-102.20	4/19/19	TC-42.10	10/18/13	TC-85.10	1/16/26	832	7/18/25	992	4/18/14		
MGS-2.1	1/16/26	HL-10.11	1/16/26	ITS-14.11	1/16/26	MT-98.21	7/21/23	MT-102.30	10/16/15	TC-42.20	10/18/13	TC-85.20	4/21/23	833	1/16/26	996	7/21/23		
MGS-3.1	1/16/26	HL-10.12	1/16/26	ITS-14.60	1/16/26	MT-98.22	1/17/20	MT-103.10	7/18/25	TC-51.11	7/18/25			836	1/19/24				
MGS-4.2	7/18/25	HL-10.13	1/20/23	ITS-15.10	1/16/26	MT-98.28	1/17/20	MT-104.10	1/19/24	TC-51.12	7/18/25			850	7/21/23				
MGS-4.3	7/18/25	HL-20.11	1/16/26	ITS-18.00	7/16/21	MT-98.29	1/17/20	MT-105.10	1/17/20	TC-52.10	10/18/13			896	7/21/17				
				ITS-50.10	1/16/26	MT-98.30	7/18/25			TC-52.20	1/15/21								
				ITS-50.11	7/18/25	MT-99.20	4/19/19	TC-12.31	1/16/26	TC-61.10	4/21/23								

FEDERAL PROJECT NUMBER

E201 (055)

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

THIS PROJECT INCLUDES 3.25 MILES OF WORK ALONG I.R. 75. THE EXISTING PAVEMENT WILL BE RUBBLIZED OR REPLACED FULL DEPTH. ONE LANE IN EACH DIRECTION WILL BE ADDED FROM THE SOUTHERN LIMITS TO THE I.R. 675 INTERCHANGE. PROJECT ALSO INCLUDES DRAINAGE IMPROVEMENTS, GUARDRAIL REPLACEMENT AND PROTECTION FOR NONREDUNDANT PIERS.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA:	120 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	2 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	122 ACRES

LIMITED ACCESS

THIS IMPROVEMENT IS ESPECIALLY DESIGNED FOR THROUGH TRAFFIC AND HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY OR FREEWAY BY ACTION OF THE DIRECTOR IN ACCORDANCE WITH THE PROVISIONS OF SECTION 5511.02 OF THE OHIO REVISED CODE.

2023 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS AND CHANGES LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY EXCEPT FOR THE RAMPS AS DESCRIBED ON SHEET P.17 AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

John W. O'Brien
District 07 Deputy Director

Pamela Boratyn
Director, Department of Transportation

ENGINEER'S SEAL
ROADWAY

ENGINEER'S SEAL
TRAFFIC CONTROL
MOT, LIGHTING

ENGINEER'S SEAL
STRUCTURES

TITLE SHEET

DESIGN AGENCY

DESIGNER
BAC

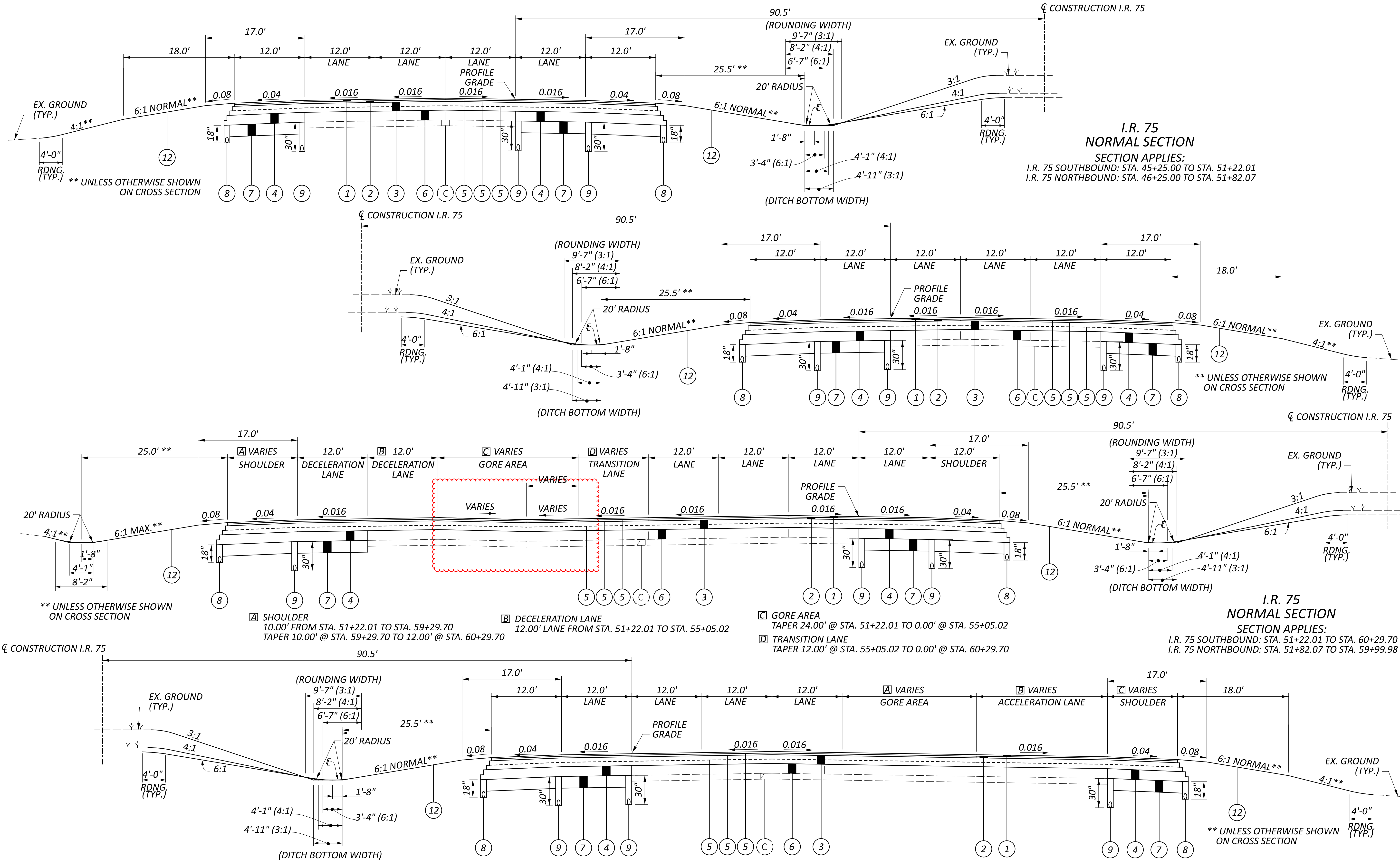
REVIEWER
TWG 12/02/25

PROJECT ID
113579

SHEET TOTAL
P.1 722

WAR/MOT-75-11.56/0.00

MODEL: Sheet_SurvFl_PAPER SIZE: 34x42 (in.) DATE: 2/18/2026 TIME: 3:58:28 PM USER: cm0008 P:\ODT\070697_WAR-75-11.56_MOT-75-0.00\113579\400-Engineering\Roadway\Sheets\113579_GT001.dgn



**I.R. 75
NORMAL SECTION**
 SECTION APPLIES:
 I.R. 75 SOUTHBOUND: STA. 45+25.00 TO STA. 51+22.01
 I.R. 75 NORTHBOUND: STA. 46+25.00 TO STA. 51+82.07

**I.R. 75
NORMAL SECTION**
 SECTION APPLIES:
 I.R. 75 SOUTHBOUND: STA. 51+22.01 TO STA. 60+29.70
 I.R. 75 NORTHBOUND: STA. 51+82.07 TO STA. 59+99.98

** UNLESS OTHERWISE SHOWN ON CROSS SECTION

** UNLESS OTHERWISE SHOWN ON CROSS SECTION

** UNLESS OTHERWISE SHOWN ON CROSS SECTION

** UNLESS OTHERWISE SHOWN ON CROSS SECTION

NOTE
 FOR LEGEND, SEE SHEET P.4

- ☐ GORE AREA
TAPER 23.00' @ STA. 51+82.07 TO 9.00' @ STA. 54+26.46
- ☐ SHOULDER
10.00' FROM STA. 51+82.07 TO STA. 54+26.46
TAPER 10.00' @ STA. 54+26.46 TO 12.00' @ STA. 59+99.98
- ☐ ACCELERATION LANE
TAPER 22.40' @ STA. 51+82.07 TO 16.00' @ STA. 54+26.46
TAPER 25.00' @ STA. 54+26.46 TO 12.00' @ STA. 59+99.98
- ☐ DECELERATION LANE
12.00' LANE FROM STA. 51+22.01 TO STA. 55+05.02
- ☐ GORE AREA
TAPER 24.00' @ STA. 51+22.01 TO 0.00' @ STA. 55+05.02
- ☐ TRANSITION LANE
TAPER 12.00' @ STA. 55+05.02 TO 0.00' @ STA. 60+29.70
- ☐ SHOULDER
10.00' FROM STA. 51+22.01 TO STA. 59+29.70
TAPER 10.00' @ STA. 59+29.70 TO 12.00' @ STA. 60+29.70

TYPICAL SECTIONS

DESIGN AGENCY	CARPENTER MARKY
DESIGNER	BAC
REVIEWER	TWG 12/02/25
PROJECT ID	113579
SHEET	P.7
TOTAL	722

ROUNDING

THE ROUNDING AT SLOPE BREAKPOINTS SHOWN ON THE TYPICAL SECTIONS APPLIES TO ALL CROSS-SECTIONS, EVEN THOUGH OTHERWISE SHOWN.

UTILITIES

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

ELECTRIC:
 AES - OHIO (TRANSMISSION)
 1900 DRYDEN ROAD
 DAYTON, OH 45439
 ATTN: ANDREW SCHIELTZ
 937-331-4032

GAS:
 CENTERPOINT ENERGY COMPANY
 6500 CLYO ROAD
 CENTERVILLE, OH 45459
 ATTN: KELLY SPURLOCK
 937-291-7116

WATER AND SANITARY:
 CITY OF MIAMISBURG
 20 EAST CENTRAL AVENUE
 MIAMISBURG, OHIO 45342
 ATTN: BOB STANLEY
 937-847-6531

WATER AND SANITARY:
 MONTGOMERY COUNTY ENVIRONMENTAL SERVICES
 1850 SPAUDLING RD.
 KETTERING, OH 45432
 ATTN: ED SCHLAACK
 937-781-2632

TELECOM:
 AT&T
 7201 FAR HILLS AVENUE
 DAYTON, OHIO 45459
 ATTN: HOWARD LAUDERMILK
 937-296-3588

TELECOM:
 CHARTER COMMUNICATIONS
 3691 TURNER ROAD
 DAYTON, OHIO 45415
 ATTN: TARA WILLIAMSON
 937-396-8374

TELECOM:
 MCI
 8800 GOVERNORS HILL DRIVE
 CINCINNATI, OHIO 45129
 ATTN: ROBERT DILLOW
 ROBERT.DILLOW@VERIZON.COM

TELECOM:
 LUMEN
 9490 MERIDIAN WAY
 WEST CHESTER, OH 45069
 ATTN: TERRY SPAW
 513-644-8933

TELECOM:
 CNI
 13888 COUNTY ROAD 25A
 WAPAKONETA, OHIO 45895
 ATTN: SARAH EMANS
 419-739-3124

TELECOM:
 CROWN CASTLE FIBER
 10188 INTERNATIONAL BLVD
 CINCINNATI, OHIO 45246
 ATTN: CRAIG SNELL
 513-898-1595

TELECOM:
 MIAMI VALLEY EDUCATIONAL
 COMPUTER ASSOCIATION
 888 DAYTON STREET, SUITE 102
 YELLOW SPRING, OHIO 45387
 ATTN: THOR SAGE
 937-767-1468

TELECOM:
 ALTA FIBER (UNDERGROUND)
 221 EAST 4TH STREET, BLDG. 121-900
 CINCINNATI, OHIO 45201
 ATTN: BRECK COWAN
 513-565-7187

TRAFFIC:
 ODOT OFFICE OF TRAFFIC OPERATIONS - ITS
 1606 W. BROAD STREET
 COLUMBUS, OHIO 43223
 ATTN: PAUL LUNDSTROM, PE
 CEN.ITS.LAB@DOT.OHIO.GOV
 614-562-6501

TRAFFIC:
 ODOT DISTRICT 07 TRAFFIC
 1001 SAINT MARYS AVENUE
 SIDNEY, OHIO 45365
 ATTN: JANIE HOLLINGSWORTH
 937-497-6897

THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS AS REQUIRED BY SECTION 153.64 O.R.C.

SURVEYING PARAMETERS - OHIO COUNTY COORDINATE SYSTEM (OCCS)

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS. SEE SHEET P.3 OF THE PLANS FOR A TABLE CONTAINING PROJECT CONTROL INFORMATION.

USE THE FOLLOWING PROJECT CONTROL, VERTICAL POSITIONING, AND HORIZONTAL POSITIONING PARAMETERS FOR ALL SURVEYING:

PROJECT CONTROL

POSITIONING METHOD: OHIO REAL TIME NETWORK (2011)
 MONUMENT TYPE: TYPE B

VERTICAL POSITIONING

ORTHOMETRIC HEIGHT DATUM: NAVD 88
 GEOID: 18

HORIZONTAL POSITIONING

REFERENCE FRAME: NAD83 (2011 ADJ, EPOCH 2010.0)
 ELLIPSOID: GRS 80
 OHIO COUNTY COORDINATE SYSTEM: MONTGOMERY COUNTY
 PROJECTION: TRANSVERSE MERCATOR
 CENTRAL LATITUDE: N 38°18'00"
 CENTRAL LONGITUDE: W 84°21'00"
 FALSE NORTHING: 0 METERS
 FALSE EASTING: 50,000 METERS
 PROJECTION SCALE FACTOR: 1.000038

USE THE POSITIONING METHODS AND MONUMENT TYPE USED IN THE ORIGINAL SURVEY TO RESTORE ALL MONUMENTS RELATED TO PRIMARY PROJECT CONTROL THAT ARE DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES. RESTORE THE DAMAGED OR DESTROYED MONUMENTS IN ACCORDANCE WITH C&MS 623.

UNITS ARE IN U.S. SURVEY FEET. USE THE FOLLOWING CONVERSION FACTOR: 1 METER = 3.280833333 U.S. SURVEY FEET.

WORK LIMITS

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. PROVIDE THE INSTALLATION AND OPERATION OF ALL WORK ZONE TRAFFIC CONTROL AND WORK ZONE TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

SEEDING AND MULCHING

THE FOLLOWING QUANTITIES ARE PROVIDED TO PROMOTE GROWTH AND CARE PERMANENT SEEDED AREAS:

ITEM 659 - SOIL ANALYSIS TEST	4 EACH
ITEM 659 - TOPSOIL	42843 CY
ITEM 659 - REPAIR SEEDING AND MULCHING	19299 SY
ITEM 659 - INTER-SEEDING	19299 SY
ITEM 659 - COMMERCIAL FERTILIZER	53.82 TON
ITEM 659 - LIME	79.75 ACRES
ITEM 659 - WATER	2137 MGAL
ITEM 659 - MOWING	869 MSF

APPLY SEEDING AND MULCHING TO ALL AREAS OF EXPOSED SOIL BETWEEN THE RIGHT-OF-WAY LINES AND WITHIN THE CONSTRUCTION LIMITS FOR AREAS OUTSIDE THE RIGHT-OF-WAY LINES COVERED BY WORK AGREEMENT OR SLOPE EASEMENT. QUANTITY CALCULATIONS FOR SEEDING AND MULCHING ARE BASED ON THESE LIMITS.

CLEARING AND GRUBBING

ALTHOUGH THERE ARE NO TREES OR STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE LIMITS OF THE PROJECT, A LUMP SUM QUANTITY IS INCLUDED IN THE GENERAL SUMMARY FOR ITEM 201, CLEARING AND GRUBBING. ALL PROVISIONS AS SET FORTH IN THE SPECIFICATIONS UNDER THIS ITEM ARE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201, CLEARING AND GRUBBING.

BENCHING OF FOUNDATION SLOPES

ALTHOUGH CROSS-SECTIONS INDICATE SPECIFIC DIMENSIONS FOR PROPOSED BENCHING OF THE EMBANKMENT FOUNDATIONS IN CERTAIN AREAS, NO WAIVER OF THE SPECIFICATIONS IS INTENDED. BENCH ALL OTHER SLOPED EMBANKMENT AREAS AS SET FORTH IN SECTION 203.05 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS (C&MS). NO ADDITIONAL PAYMENT WILL BE MADE FOR BENCHING REQUIRED UNDER THE PROVISIONS OF SECTION 203.05.

POST-CONSTRUCTION CULVERT INSPECTION

AT LEAST ONE WEEK PRIOR TO OPENING THE CULVERT TO TRAFFIC, THE CONTRACTOR/ODOT MAINTENANCE FORCES, SHALL NOTIFY THE ODOT DISTRICT 7 BRIDGE INSPECTION ENGINEER (937-497-6738) TO ALLOW FOR THE CULVERT MANAGEMENT MANUAL REQUIRED POST-CONSTRUCTION INITIAL INSPECTION OF THE CULVERT PUT IN SERVICE.

PROTECTION OF DRINKING WATER RESOURCES

BEST CONSTRUCTION PRACTICES ARE TO BE IMPLEMENTED TO MINIMIZE WATER QUALITY IMPACTS. IDLE EQUIPMENT, PETROCHEMICALS, AND TOXIC/HAZARDOUS MATERIALS SHALL NOT BE STORED NEAR DRAINAGE WAYS, DITCHES OR STREAMS. REFUELING SHALL NOT BE UNDERTAKEN NEAR DRAINAGE WAYS, DITCHES OR STREAMS. A SPILL CONTAINMENT KIT IS TO BE MAINTAINED ON-SITE THROUGHOUT CONSTRUCTION ACTIVITIES. SPILLS OF FUELS, OILS, CHEMICALS, OR OTHER MATERIALS WHICH COULD POSE A THREAT TO GROUNDWATER SHALL BE CLEANED UP IMMEDIATELY. IF THE SPILL IS A REPORTABLE AMOUNT, THE LOCAL FIRE DEPARTMENT (911), LOCAL EMERGENCY COORDINATOR (MONTGOMERY: 937-901-5112 AND WARREN: 513-695-1772) AND THE OEPA (1-800-282-9378) MUST BE CONTACTED WITHIN 30 MINUTES OF KNOWLEDGE OF THE RELEASE.

PROTECTION OF BATS – CUTTING RESTRICTIONS

THE PROJECT IS LOCATED WITHIN THE KNOWN HABITAT RANGES OF THE FEDERALLY LISTED AND PROTECTED INDIANA BAT AND NORTHERN LONG-EARED BAT. THE CONTRACTOR SHALL NOT REMOVE TREES UNDER THIS PROJECT FROM APRIL 1 THROUGH SEPTEMBER 30. ALL NECESSARY TREE REMOVAL SHALL OCCUR FROM OCTOBER 1 THROUGH MARCH 31. THE CONTRACTOR SHALL DEMARCATÉ CLEARING LIMITS IN THE FIELD TO AVOID ANY UNAUTHORIZED TREE CLEARING. FOR THE PURPOSES OF THIS NOTE, A TREE IS DEFINED AS A LIVE, DYING, OR DEAD WOODY PLANT, WITH A TRUNK THREE INCHES OR GREATER IN DIAMETER AT A HEIGHT OF 4.5 FEET ABOVE THE GROUND SURFACE, AND WITH A MINIMUM HEIGHT OF 13 FEET.

PROTECTION OF GERMANTOWN-SPRING VALLEY CONNECTOR ON LYONS ROAD AND PROTECTION OF GREAT LITTLE TRAIL ON AUSTIN BOULEVARD

THE CONTRACTOR SHALL NOT INTERFERE WITH ACCESS TO THESE BICYCLE FACILITIES THROUGH STAGING OF EQUIPMENT OR OTHER CONSTRUCTION ACTIVITIES.

PROTECTION OF RIGHT-OF-WAY LANDSCAPING

PRIOR TO BEGINNING WORK, THE CONTRACTOR, THE PROJECT ENGINEER, AND A REPRESENTATIVE OF THE MAINTAINING AGENCY WILL REVIEW AND RECORD ALL LANDSCAPING ITEMS WITHIN THE RIGHT-OF-WAY (BOTH WITHIN AND OUTSIDE THE CONSTRUCTION LIMITS). A RECORD OF THIS REVIEW WILL BE KEPT IN THE PROJECT ENGINEER'S FILES. PRIOR TO FINAL ACCEPTANCE, A FINAL REVIEW OF LANDSCAPING ITEMS WILL BE MADE.

CONSTRUCT ALL ACTIVITIES, EQUIPMENT STORAGE, AND STAGING TO WITHIN THE CONSTRUCTION LIMITS. UNLESS OTHERWISE IDENTIFIED IN THE PLANS OR PROPOSAL, THE CONSTRUCTION LIMITS ARE IDENTIFIED AS 30 FEET FROM THE EDGE OF PAVEMENT.

SUBMIT A WRITTEN REQUEST TO THE PROJECT ENGINEER TO USE ANY AREA OUTSIDE THESE LIMITS. THE DOCUMENT SUBMITTED MUST CLEARLY IDENTIFY THE AREA AND EXPLAIN THE PROPOSED USE AND RESTORATION OF THE AREA. THE REQUEST MUST BE APPROVED, IN WRITING, BEFORE THE CONTRACTOR HAS PERMISSION TO USE THE AREA.

ANY ITEMS DAMAGED BEYOND THE CONSTRUCTION LIMITS, AS DEFINED ABOVE, WILL BE REPLACED IN KIND OR AS APPROVED BY THE PROJECT ENGINEER.

DESIGN AGENCY	
CARPENTER MARTY	
DESIGNER	AA
REVIEWER	TWG
PROJECT ID	113579
SHEET	P.13
TOTAL	722

WORK ZONE SPEED ZONES (WZSZ)

THE FOLLOWING WORK ZONE SPEED ZONE (WZSZ) SPEED LIMIT REVISION(S) HAVE BEEN APPROVED FOR USE ON THIS PROJECT WHEN WORK ZONE CONDITIONS AND FACTORS ARE MET AS DESCRIBED BELOW:

WZSZ REVISION NUMBER(S)	COUNTY-ROUTE-SECTIONS(S)	DIRECTION(S)
40499	WARREN & MONTGOMERY - IR-75 - SLM WAR-75-11.60 TO SLM MOT-75-2.93	NB, SB

POTENTIAL WZSZ LOCATIONS SHALL HAVE AN ORIGINAL (PRE-CONSTRUCTION) POSTED SPEED LIMIT OF 55 MPH OR GREATER, A QUALIFYING WORK ZONE CONDITION OF AT LEAST 0.5 MILE IN LENGTH, AN EXPECTED WORK DURATION OF AT LEAST THREE HOURS, AND A WORK ZONE CONDITION IN PLACE THAT REDUCES THE EXISTING FUNCTIONALITY OF THE TRAVEL LANES OR SHOULDERS (I.E., LANE CLOSURE, LANE SHIFT, CROSSOVER, CONTRAFLOW AND/OR SHOULDER CLOSURE). THE LENGTH OF THE WORK ZONE CONDITION IS MEASURED FROM THE BEGINNING OF THE TAPER FOR THE SUBJECT WORK ZONE CONDITION IMPACTING THE TRAVEL LANES AND/OR SHOULDER TO THE END OF THE DOWNSTREAM TAPER, WHERE DRIVERS ARE RETURNED TO TYPICAL ALIGNMENT. AN EXPECTED WORK DURATION OF AT LEAST THREE HOURS IS REQUIRED TO BALANCE THE ADDITIONAL EXPOSURE CREATED BY INSTALLING AND REMOVING WZSZ SIGNING WITH THE TIME NEEDED TO COMPLETE THE WORK.

IF THE WORK ZONE MEETS THESE MINIMUM CRITERIA, IT SHALL BE ANALYZED FURTHER USING TABLE 1 BELOW TO DETERMINE IF AND WHEN IT QUALIFIES FOR A SPEED LIMIT REDUCTION. DEPENDING ON THE ORIGINAL POSTED SPEED LIMIT, THE TYPE OF TEMPORARY TRAFFIC CONTROL USED, AND WHETHER OR NOT WORKERS ARE PRESENT, A WARRANTED WZSZ WILL VARY IN THE APPROVED SPEED LIMIT TO BE POSTED OVER TIME.

C&MS ITEM 614, PARAGRAPH 614.02(B), INDICATES THAT TWO DIRECTIONS OF A DIVIDED HIGHWAY ARE CONSIDERED SEPARATE HIGHWAY SECTIONS. THEREFORE, IF THE WORK ON A MULTI-LANE DIVIDED HIGHWAY IS LIMITED TO ONLY ONE DIRECTION, A SPEED LIMIT REDUCTION IN THE DIRECTION OF THE WORK DOES NOT AUTOMATICALLY CONSTITUTE A SPEED LIMIT REDUCTION IN THE OPPOSITE DIRECTION. EACH DIRECTION SHALL BE ANALYZED INDEPENDENTLY FROM EACH OTHER.

ALL WZSZS FLUCTUATE BETWEEN TWO APPROVED REDUCED SPEED LIMITS OR BETWEEN AN APPROVED REDUCED SPEED LIMIT AND THE ORIGINAL POSTED SPEED LIMIT. ONLY ONE OF TWO SIGNING STRATEGIES SHALL BE USED TO IMPLEMENT A WZSZ.

WZSZS USING DSL SIGN ASSEMBLIES SHALL BE IN ACCORDANCE WITH THIS NOTE, APPROVED LIST, SUPPLEMENTAL SPECIFICATIONS (SS) 808 AND 908, AND TRAFFIC SCD MT-104.10.

ONLY ONE WARRANTED SPEED LIMIT APPLIES AT ANY ONE TIME; SPEED LIMIT REDUCTIONS ARE NOT CUMULATIVE. WZSZS SHALL NOT BE USED FOR MOVING/MOBILE ACTIVITIES, AS DEFINED IN OMUTCD PART 6.

WHEN LOOKING UP THE WARRANTED WORK ZONE SPEED LIMITS, ALWAYS USE THE ORIGINAL, PRE-CONSTRUCTION, POSTED SPEED LIMIT. DO NOT USE A PRIOR OR CURRENT WORK ZONE SPEED LIMIT AS A LOOK UP VALUE IN THE TABLE. POSITIVE PROTECTION IS GENERALLY REGARDED AS PORTABLE BARRIER OR OTHER RIGID BARRIER IN USE ALONG THE WORK AREA WITHIN THE SUBJECT WARRANTED WORK ZONE CONDITION. WITHOUT POSITIVE PROTECTION IS GENERALLY REGARDED AS USING DRUMS, CONES, SHADOW VEHICLE, ETC., ALONG THE WORK AREA WITHIN THE SUBJECT WARRANTED WORK ZONE CONDITION. WORKERS ARE CONSIDERED AS BEING PRESENT WHEN ON-SITE, WORKING WITHIN THE SUBJECT WARRANTED WORK ZONE CONDITION. WHEN THE WORK ZONE CONDITION REDUCING THE EXISTING FUNCTIONALITY OF THE TRAVEL LANES OR SHOULDERS IS REMOVED, THE SPEED LIMIT DISPLAYED SHALL RETURN TO THE ORIGINAL POSTED SPEED LIMIT.

TABLE 1: WARRANTED WORK ZONE SPEED LIMITS (MPH) FOR WORK ZONES ON HIGH-SPEED (55 MPH OR GREATER) MULTI-LANE HIGHWAYS

ORIGINAL POSTED SPEED LIMIT	WITH POSITIVE PROTECTION		WITHOUT POSITIVE PROTECTION	
	WORKERS PRESENT	WORKERS NOT PRESENT	WORKERS PRESENT	WORKERS NOT PRESENT
70	60	65	55	65
65	55	60	50	60
60	55	60	50	60
55	50	55	45	55

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY.

ITEM 808, DIGITAL SPEED LIMIT (DLS) SIGN ASSEMBLY 461 SIGN MONTH

PHASE 1 - ASSUMING 15 DSL SIGN ASSEMBLIES FOR 8 MONTHS
 PHASE 2 - ASSUMING 12 DSL SIGN ASSEMBLIES FOR 4 MONTHS
 PHASE 3 - ASSUMING 12 DSL SIGN ASSEMBLIES FOR 1 MONTHS
 PHASE 4 - ASSUMING 14 DSL SIGN ASSEMBLIES FOR 3 MONTHS
 OVER-WINTER - ASSUMING 9 DSL SIGN ASSEMBLIES FOR 5 MONTHS
 PHASE 5 - ASSUMING 13 DSL SIGN ASSEMBLIES FOR 4 MONTHS
 PHASE 6 - ASSUMING 13 DSL SIGN ASSEMBLIES FOR 1 MONTHS
 PHASE 7 - ASSUMING 13 DSL SIGN ASSEMBLIES FOR 3 MONTHS
 OVER-WINTER - ASSUMING 9 DSL SIGN ASSEMBLIES FOR 5 MONTHS
 PHASE 8 - ASSUMING 9 DSL SIGN ASSEMBLIES FOR 5 MONTHS

ESTIMATED QUANTITIES

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR USE AS DETERMINED BY THE ENGINEER TO FILL POT HOLES AND MAINTAIN A SAFE RIDING SURFACE.

ITEM 410, TRAFFIC COMPACTED SURFACE, TYPE A OR B 100 CU. YD

ITEM 410, TRAFFIC COMPACTED SURFACE, TYPE C 100 CU. YD.

ITEM 614, ASPHALT CONCRETE FOR MAINTAINING TRAFFIC 1000 CU. YD

WORK ZONE INCREASED PENALTIES SIGN (R11-H5A)

R11-H5A-48 SIGNS SHALL BE FURNISHED, ERECTED, AND MAINTAINED IN GOOD CONDITION AND/OR REPLACED AS NECESSARY AND SUBSEQUENTLY REMOVED BY THE CONTRACTOR. SIGNS SHALL BE MOUNTED AT THE APPROPRIATE OFFSETS AND ELEVATIONS AS PRESCRIBED BY THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. THEY SHALL BE MAINTAINED ON SUPPORTS MEETING CURRENT SAFETY CRITERIA.

THE SIGNS MAY BE ERECTED OR UNCOVERED NO MORE THAN FOUR HOURS BEFORE THE ACTUAL START OF WORK. THE SIGNS SHALL BE REMOVED OR COVERED NO LATER THAN FOUR HOURS FOLLOWING RESTORATION OF ALL LANES TO TRAFFIC WITH NO RESTRICTIONS, OR SOONER AS DIRECTED BY THE ENGINEER. TEMPORARY SIGN COVERING AND UNCOVERING DUE TO TEMPORARY LANE RESTORATIONS SHALL BE GUIDED BY THE FOUR-HOUR LIMITATIONS STATED ABOVE. SUCH LANE RESTORATIONS SHOULD BE EXPECTED TO REMAIN IN EFFECT FOR 30 OR MORE CONSECUTIVE CALENDAR DAYS, SUCH AS DURING WINTER SHUT-DOWNS.

THE R11-H5A-48 SIGNS SHALL BE MOUNTED ON 2 NO. 3 POSTS WHEN LOCATED WITHIN CLEAR ZONES.

THE CONTRACTOR MAY USE SIGNS AND SUPPORTS IN USED, BUT GOOD, CONDITION PROVIDED THE SIGNS MEET CURRENT ODOT SPECIFICATIONS.

WORK ZONE INCREASED PENALTIES SIGNS AND SUPPORTS WILL BE MEASURED AS THE NUMBER OF SIGN INSTALLATIONS, INCLUDING THE SIGN AND NECESSARY SUPPORTS. IF A SIGN AND SUPPORT COMBINATION IS REMOVED AND REERECTED AT ANOTHER LOCATION AS DIRECTED BY THE ENGINEER, IT SHALL BE CONSIDERED ANOTHER UNIT.

PAYMENT FOR ACCEPTED QUANTITIES, COMPLETE, IN PLACE WILL BE MADE AT THE CONTRACT UNIT PRICE. PAYMENT SHALL BE FULL COMPENSATION FOR ALL MATERIALS, LABOR, INCIDENTALS AND EQUIPMENT FOR FURNISHING, ERECTING, MAINTAINING, COVERING DURING SUSPENSION OF WORK, AND REMOVAL OF THE SIGN AND SUPPORT.

ITEM 614, WORK ZONE INCREASED PENALTIES SIGN 28 EACH

WORK ZONE INCREASED PENALTIES SIGNS WILL BE PLACED AT THE LOCATIONS SHOWN IN THE PLANS.

ITEM 202 - REMOVAL MISC.: RUMBLE STRIPS (B)

THE CONTRACTOR SHALL MILL 1.5 INCHES DEEP BY 2 FEET WIDE OF THE EXISTING ASPHALT SHOULDER IN ORDER TO REMOVE THE EXISTING RUMBLE STRIPS ALONG IR-75 IN THE AREA WHERE TRAFFIC IS SHIFTED AS SHOWN IN THE PLANS. THE CONTRACTOR SHALL THEN COAT ALL MILLED SURFACES, HORIZONTAL AND VERTICAL, WITH APPROVED AC LIQUID. NEXT THE CONTRACTOR SHALL PLACE 1.5 INCHES OF ITEM 441 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-28. ALL COSTS ASSOCIATED WITH THE REMOVAL OF THE EXISTING PAVEMENT, AND PLACEMENT OF THE SURFACE COURSE SHALL BE INCLUDED ON THE UNIT PRICE BID PER FOOT COST OF ITEM 202 - REMOVAL MISC.: RUMBLE STRIPS (B).

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER.

NORTHBOUND INSIDE SHOULDER STA. 150+00 TO STA. 155+75 = 575 FT
 SOUTHBOUND OUTSIDE SHOULDER STA. 54+00 TO STA. 87+50 = 3,350 FT
 SOUTHBOUND INSIDE SHOULDER STA. 171+40 TO STA. 177+10 = 570 FT
 SOUTHBOUND INSIDE SHOULDER STA. 182+00 TO STA. 186+00 = 400 FT
 SOUTHBOUND INSIDE SHOULDER STA. 73+00 TO STA. 75+00 = 200 FT
 SOUTHBOUND INSIDE SHOULDER STA. 149+15 TO STA. 159+00 = 985 FT

ITEM 202, REMOVAL MISC.: RUMBLE STRIPS (B) 6,080 FT

ITEM 614 - WORK ZONE SPEED MEASUREMENT MARKING, CLASS I, 642 PAINT

SPEED MEASUREMENT MARKINGS SHALL BE PLACED BETWEEN MILE MARKER 41.0 AND MILE MARKER 43.0 TO ASSIST IN THE ENFORCEMENT OF SPEED REGULATIONS. SPEED MEASUREMENT MARKINGS SHOULD AVOID BEING LOCATED IN THE VICINITY OF A TAPER, ENTRANCE RAMP OR EXIT RAMP.

THE MARKINGS SHALL BE LAID OUT BY A REGISTERED SURVEYOR. ON SECTIONS WITH CURVES, THE MARKINGS ON THE INSIDE OF THE CURVE SHALL MEET THE REQUIRED ONE-QUARTER MILE INTERVALS. MARKINGS ON THE OUTSIDE OF THE CURVE SHALL BE DIRECTLY ACROSS FROM THE MARKINGS ON THE INSIDE OF THE CURVE, NOT STAGGERED. A RECORD IS TO BE KEPT AND ONE ORIGINAL SIGNED AND SEALED DOCUMENT IS TO BE SENT TO THE DISTRICT TRAFFIC ENGINEER AND ONE COPY IS TO BE SENT TO THE DISTRICT CONSTRUCTION ENGINEER.

SPEED MEASUREMENT MARKINGS SHALL BE PLACED FOR THE I.R. 75 MAINLINE LANES IN PHASE 1, PHASE 2, PHASE 5, AND EACH OVER-WINTER PHASE (3 TOTAL). DURING PHASES 3, 4, 6, AND 7, THESE MARKINGS SHALL REMAIN FROM PREVIOUS PHASES.

TO ASSURE VISIBILITY OF THE MARKINGS AND REDUCE PARALLAX ERRORS, FOR EACH DIRECTION UTILIZING AIR SPEED CHECK ZONE, A SET OF TWO MARKINGS (LEFT AND RIGHT SIDE) SHALL BE USED AT EACH ONE-QUARTER MILE INTERVAL.

PAYMENT WILL BE FOR EACH 24-INCH-WIDE BY 4 FEET LONG MARKING AND SHALL INCLUDE THE PAVEMENT MARKING MATERIAL USED AND THE SURVEYING WORK. THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER.

ITEM 614, WORK ZONE SPEED MEASUREMENT MARKING, CLASS I, 642 PAINT 108 EA

SHOULDER RESURFACING

THE EXISTING OUTSIDE NORTHBOUND IR-75 ASPHALT SHOULDER, INCLUDING THE EXISTING WHITE EDGE LINE, FROM STA. 173+05 TO STA. 208+31 SHALL BE PLANED 2", TACK COAT APPLIED AND 2" ASPHALT SURFACE COURSE CONSTRUCTED PRIOR TO SHIFTING TRAFFIC ONTO PORTIONS OF THE SHOULDERS.

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER.

ITEM 254, PAVEMENT PLANING, ASPHALT CONCRETE (T=2") 4,310 SQ YD

ITEM 407, NON-TRACKING TACK COAT 366 GAL

ITEM 442, ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448) 240 CU YD

ITEM 202 - REMOVAL MISC.: RUMBLE STRIPS (A)

THE CONTRACTOR SHALL MILL 2 INCHES DEEP BY 5 FEET WIDE OF THE EXISTING ASPHALT SHOULDER IN ORDER TO REMOVE THE EXISTING RUMBLE STRIPS AND EXISTING WHITE EDGE LINE ALONG IR-75 IN THE AREA WHERE TRAFFIC IS SHIFTED AS SHOWN IN THE PLANS. THE CONTRACTOR SHALL THEN COAT ALL MILLED SURFACES, HORIZONTAL AND VERTICAL, WITH APPROVED AC LIQUID. NEXT THE CONTRACTOR SHALL PLACE 2 INCHES OF ITEM 441 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-28. ALL COSTS ASSOCIATED WITH THE REMOVAL OF THE EXISTING PAVEMENT, AND PLACEMENT OF THE SURFACE COURSE SHALL BE INCLUDED ON THE UNIT PRICE BID PER FOOT COST OF ITEM 202 - REMOVAL MISC.: RUMBLE STRIPS (A).

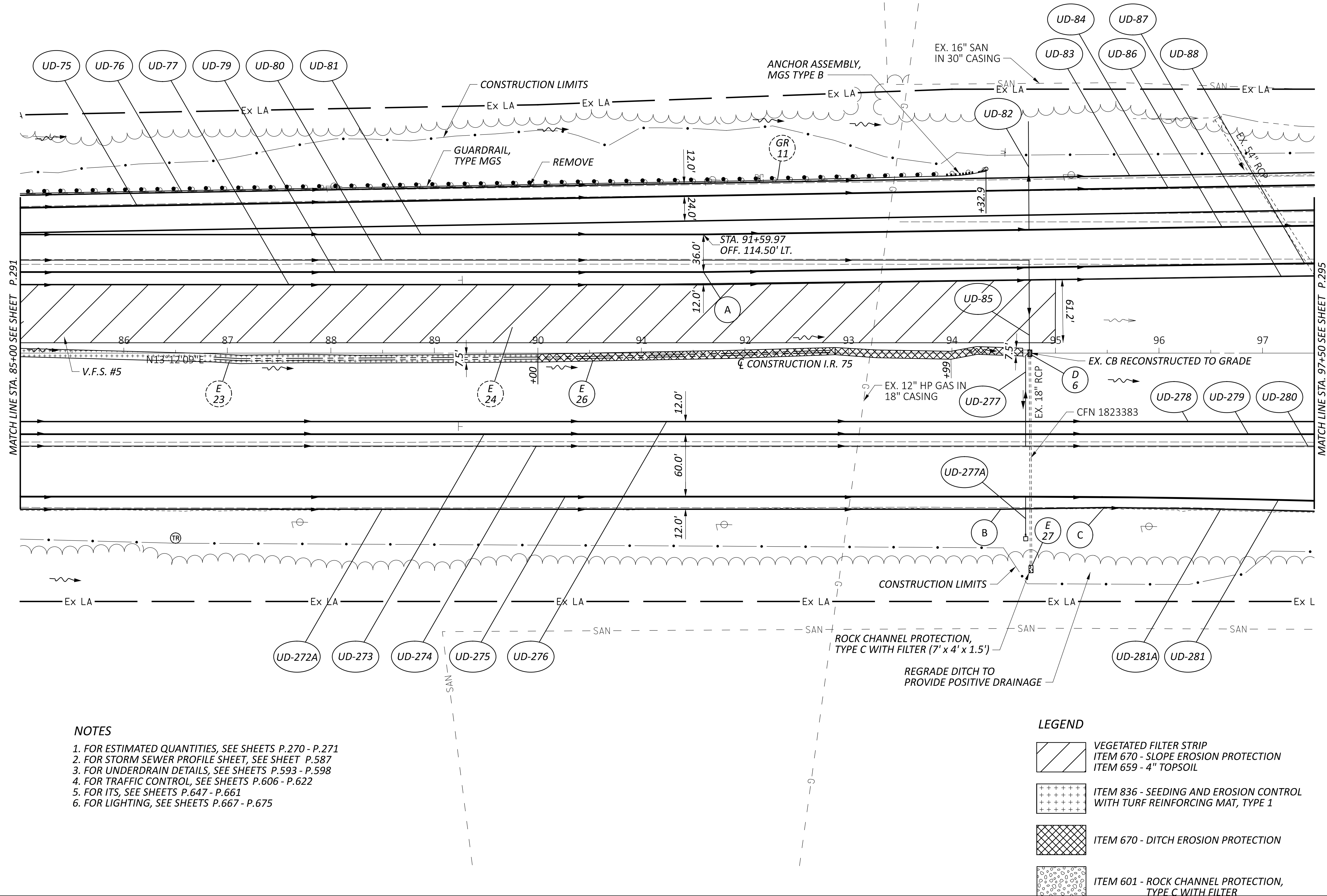
THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER.

NORTHBOUND OUTSIDE SHOULDER STA. 0+00 TO STA. 154+00.

ITEM 202, REMOVAL MISC.: RUMBLE STRIPS (A) 15,400 FT



- A - STA. 91+59.97
 BEGIN PAVEMENT TAPER, 78.5' LT.
 BEGIN SHOULDER TAPER, 66.5' LT.
- B - STA. 94+47.43, I.R. 75, 138.5' RT. =
 PC STA. 7+11.00, RAMP V
 BEGIN SHOULDER TAPER, 12' RT.
 BEGIN RAMP
- C - STA. 8+11.00
 END SHOULDER TAPER, 10' RT.

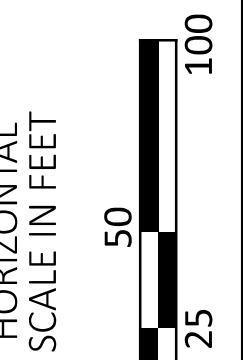
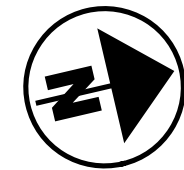


NOTES

1. FOR ESTIMATED QUANTITIES, SEE SHEETS P.270 - P.271
2. FOR STORM SEWER PROFILE SHEET, SEE SHEET P.587
3. FOR UNDERDRAIN DETAILS, SEE SHEETS P.593 - P.598
4. FOR TRAFFIC CONTROL, SEE SHEETS P.606 - P.622
5. FOR ITS, SEE SHEETS P.647 - P.661
6. FOR LIGHTING, SEE SHEETS P.667 - P.675

LEGEND

- VEGETATED FILTER STRIP
- ITEM 670 - SLOPE EROSION PROTECTION
- ITEM 659 - 4\"/>

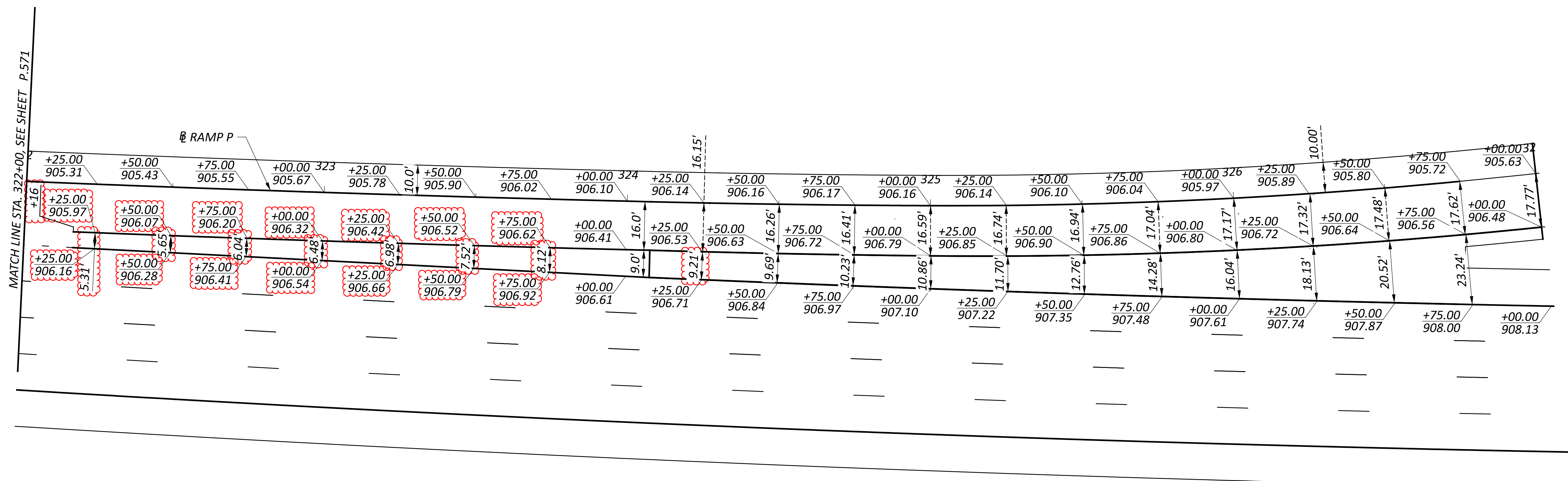


PLAN - I.R. 75
 STA. 85+00.00 TO STA. 97+50.00

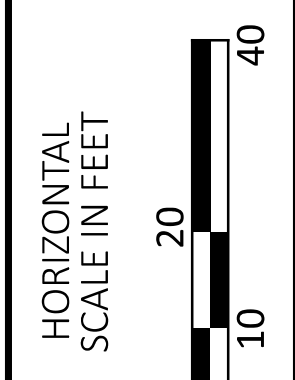
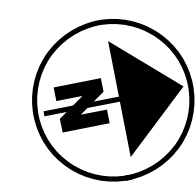
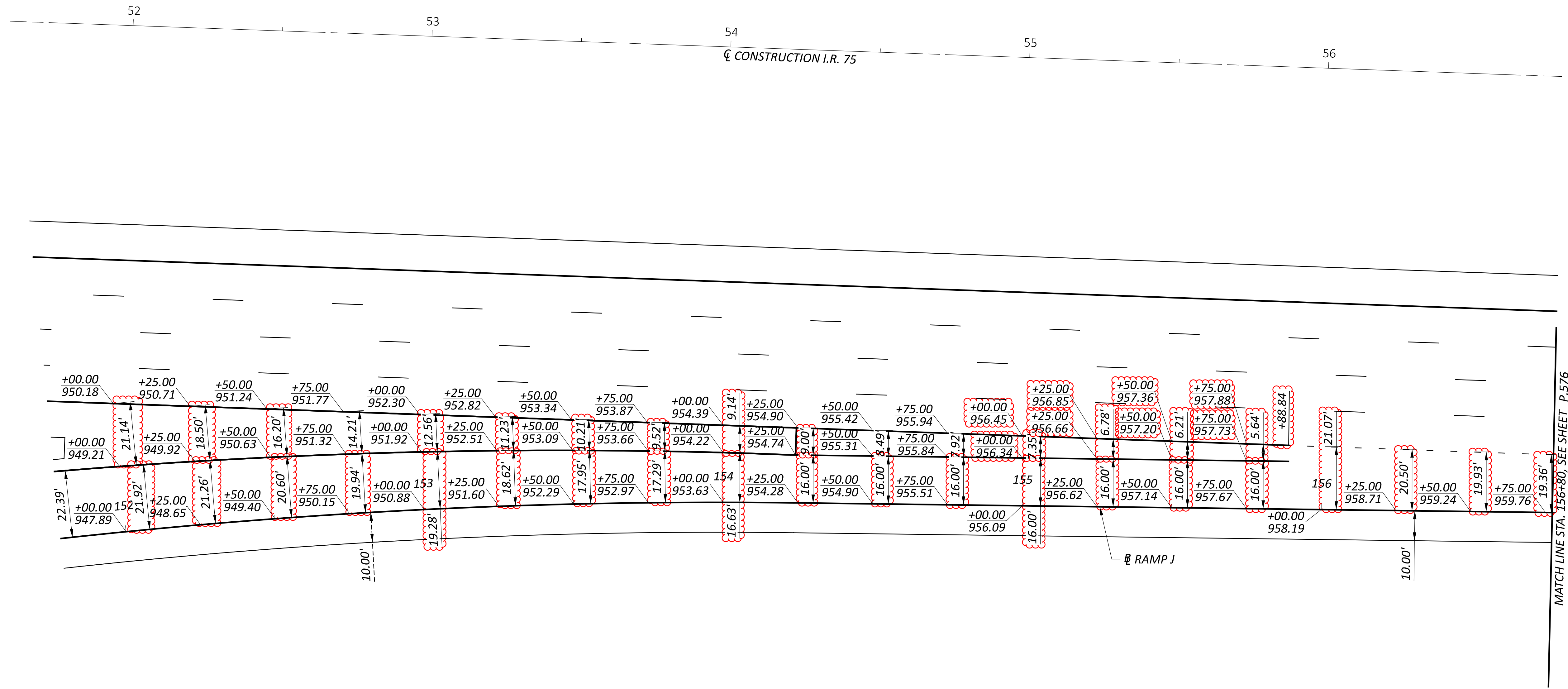
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REVIEWER	TWG
DATE	12/02/25
PROJECT ID	113579
SHEET	TOTAL
P.293	722

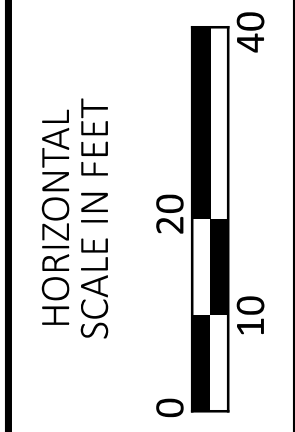
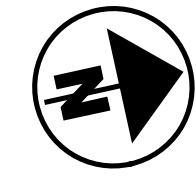
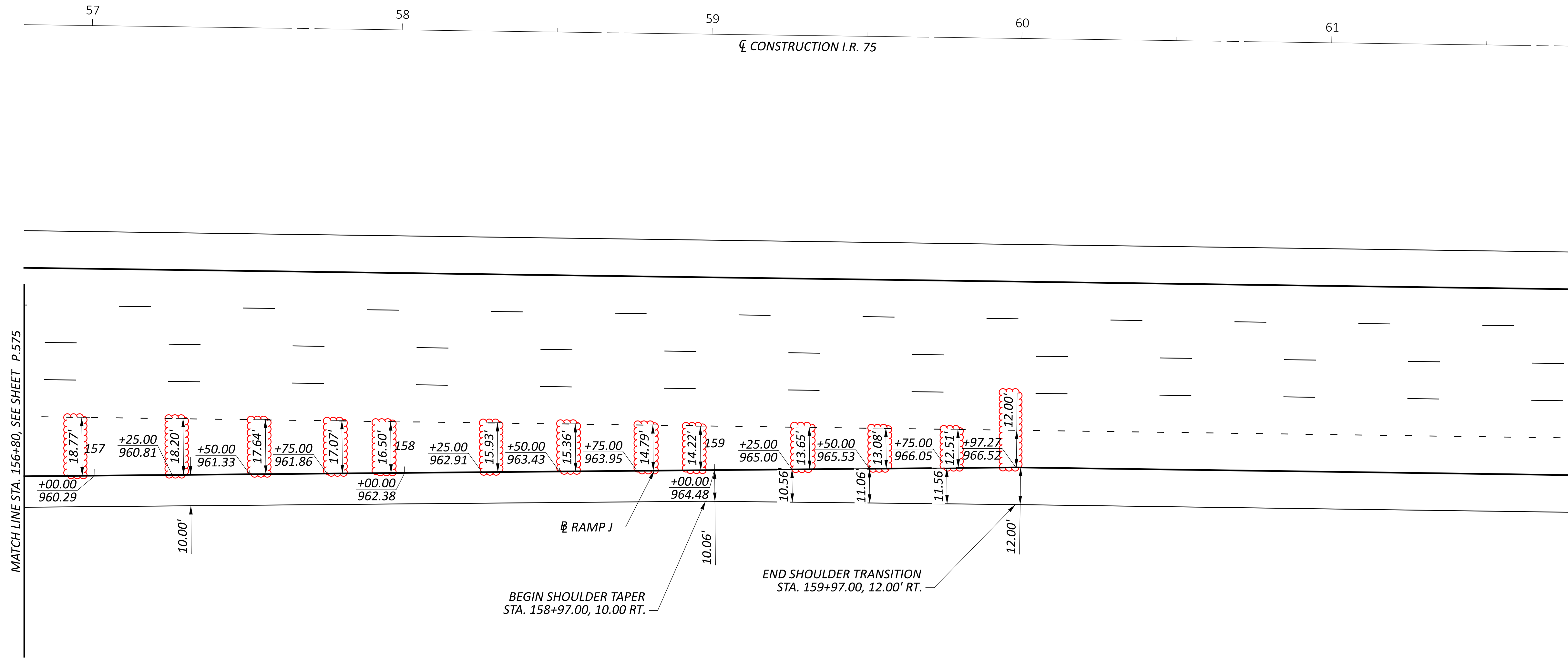


PAVEMENT DETAILS - RAMP P
 STA. 322+00.00 TO 327+00.00



PAVEMENT DETAILS - RAMP J
 STA. 151+80 TO STA. 156+80

DESIGN AGENCY	
DESIGNER	
KMA	
REVIEWER	
TWG 12/02/25	
PROJECT ID	
113579	
SHEET	TOTAL
P.575	722



PAVEMENT DETAILS - RAMP J
 STA. 156+80 TO 161+80

DESIGN AGENCY



DESIGNER
 KMA

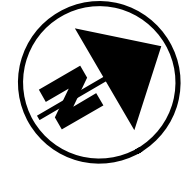
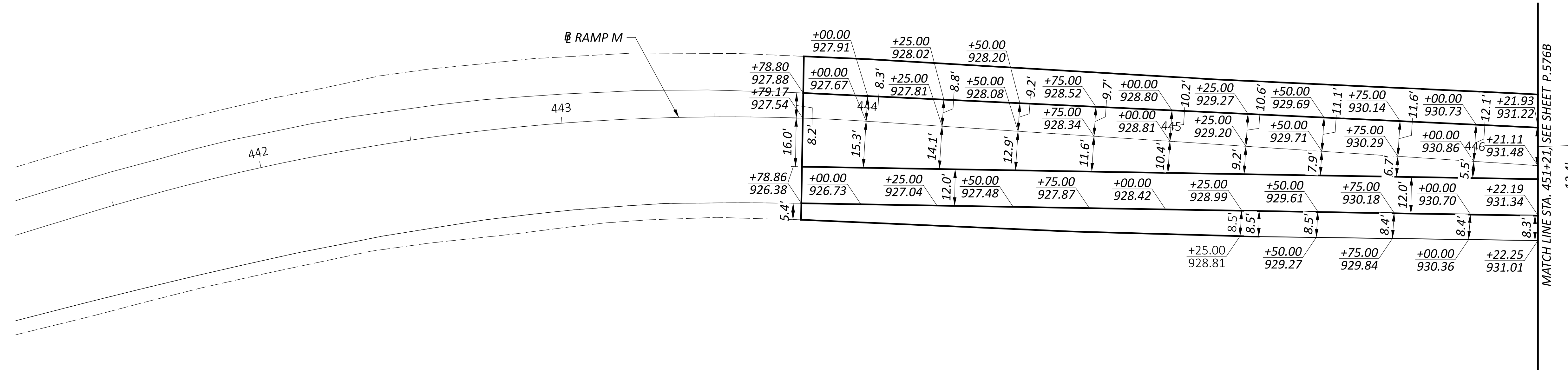
REVIEWER
 TWG 12/02/25

PROJECT ID
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SHEET TOTAL
 P.576 | 722

WAR/MOT-75-11.56/00.00

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PAVEMENT DETAILS - RAMP M
STA. 443+79 TO STA. 446+21

DESIGN AGENCY



DESIGNER

JTM

REVIEWER

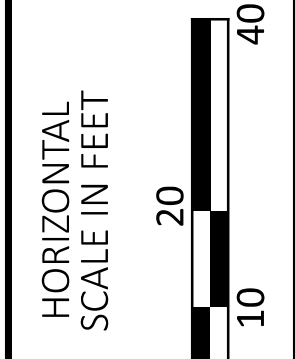
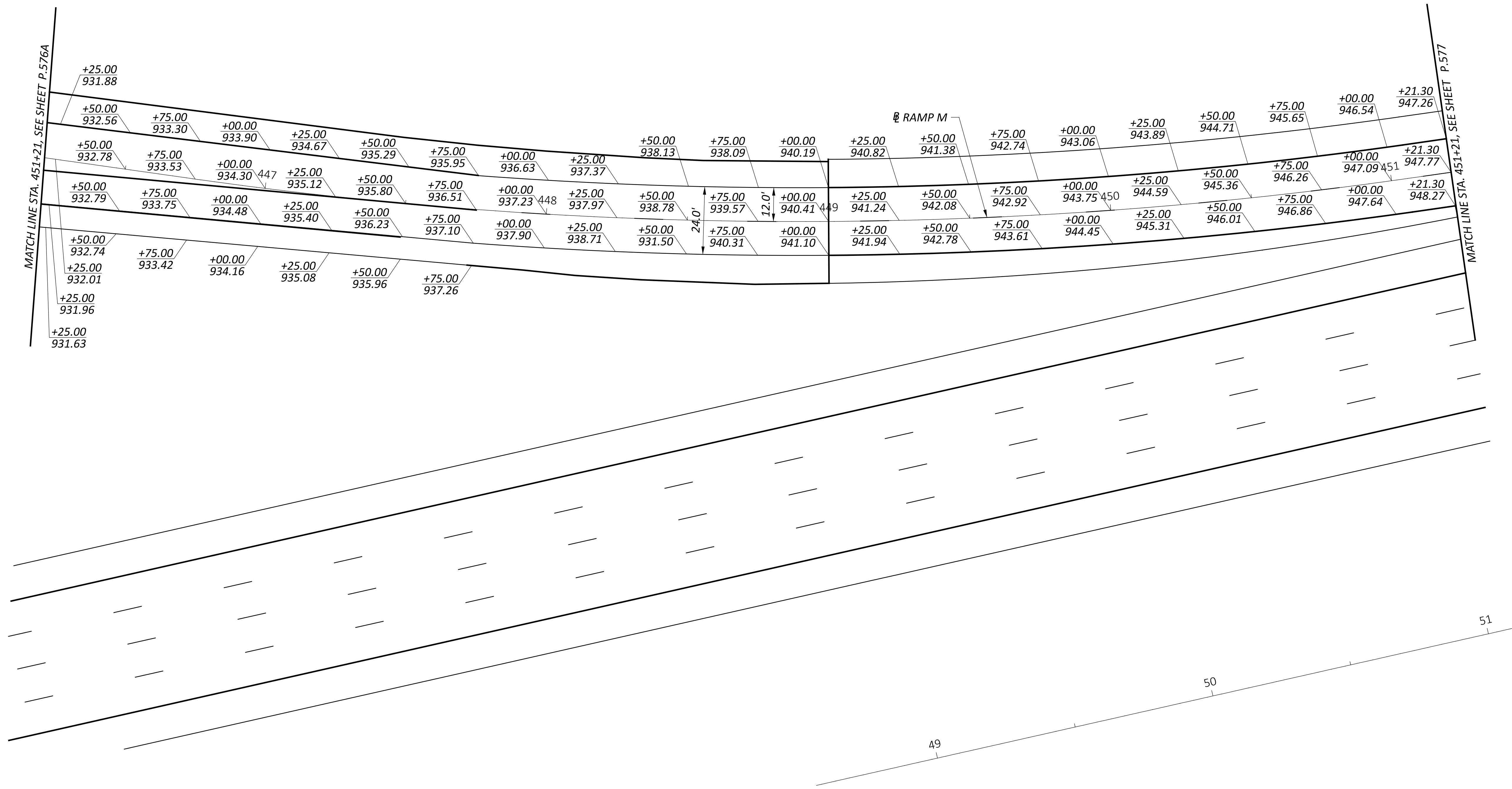
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PROJECT ID

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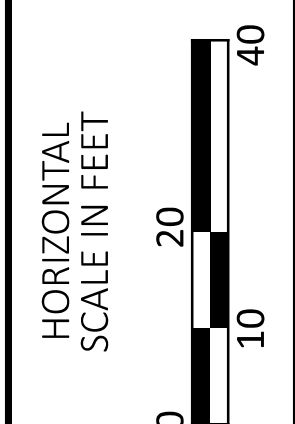
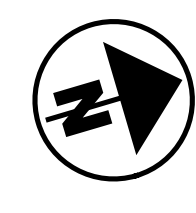
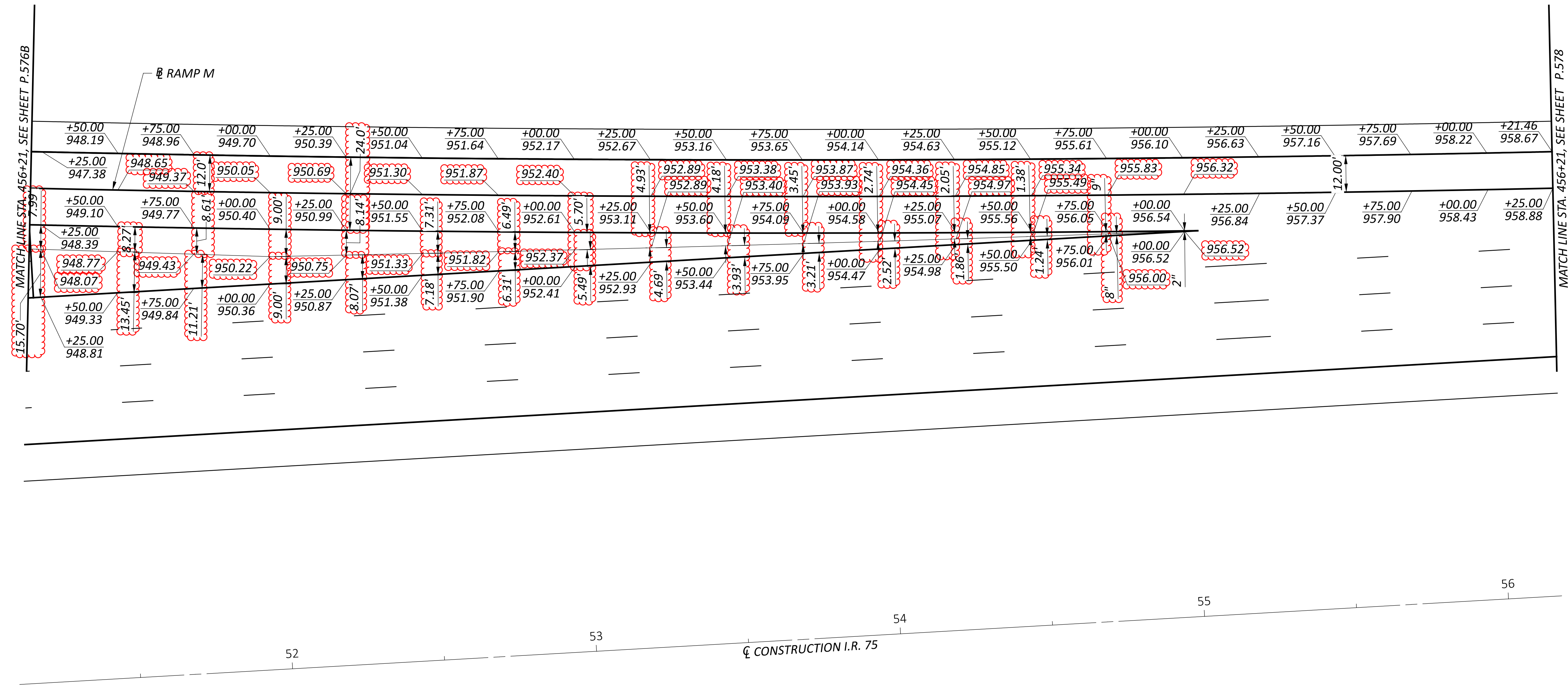
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P.576A 722



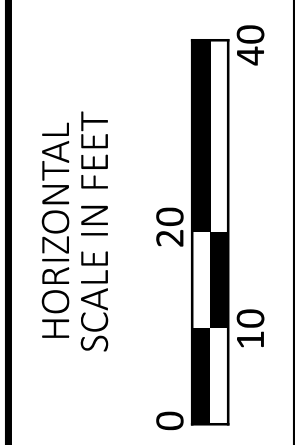
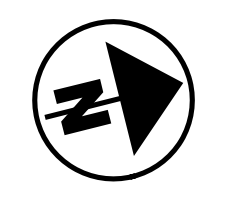
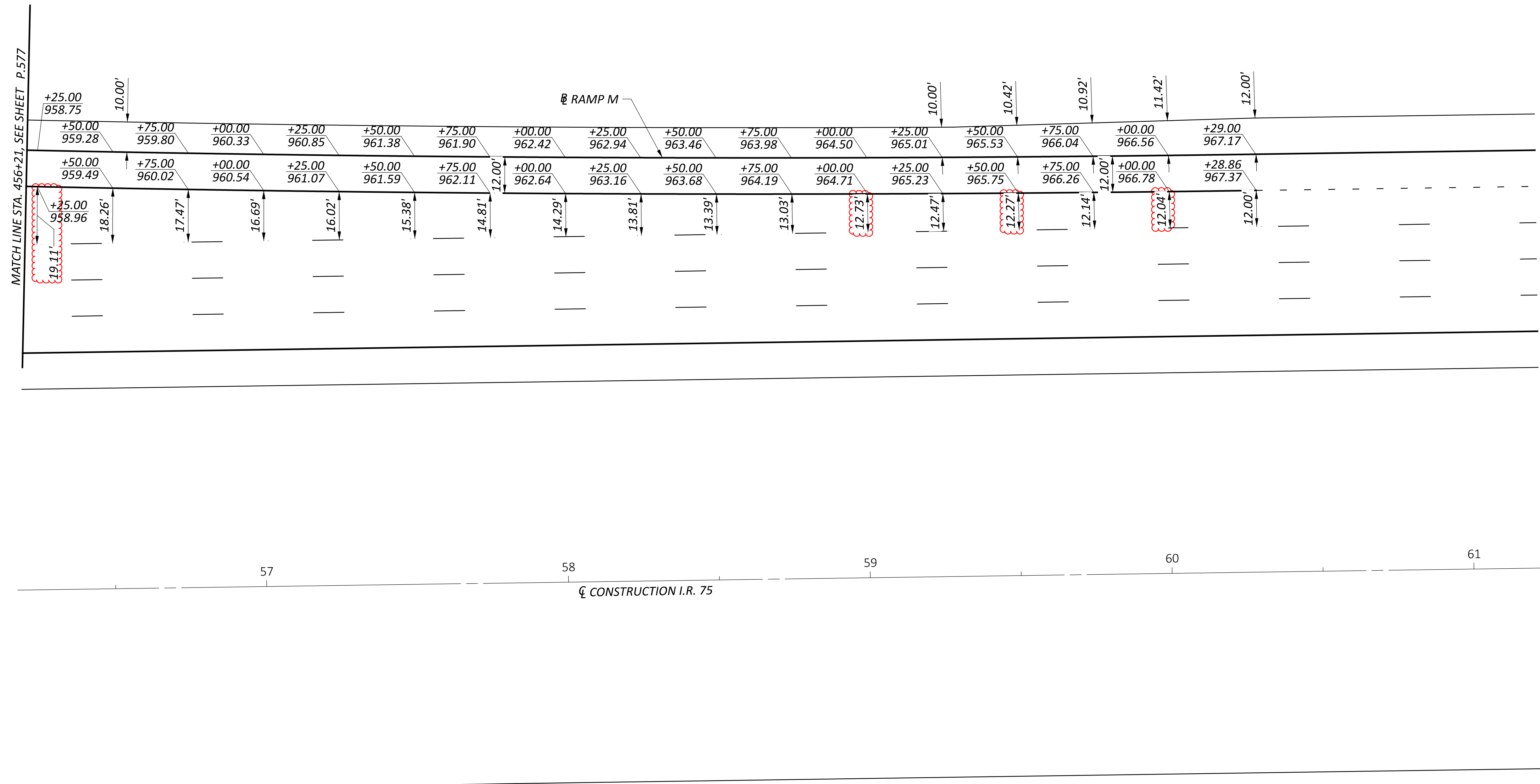
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STA. 446+21 TO STA. 451+21

DESIGN AGENCY	
CARPENTER MARTY	
DESIGNER	JTM
REVIEWER	TWG 12/02/25
PROJECT ID	113579
SHEET	TOTAL
P.576B	722



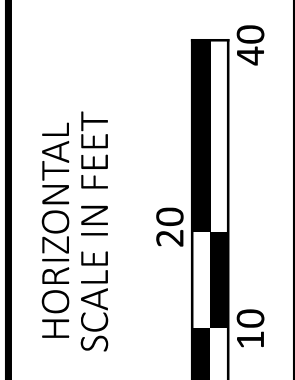
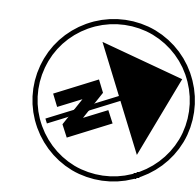
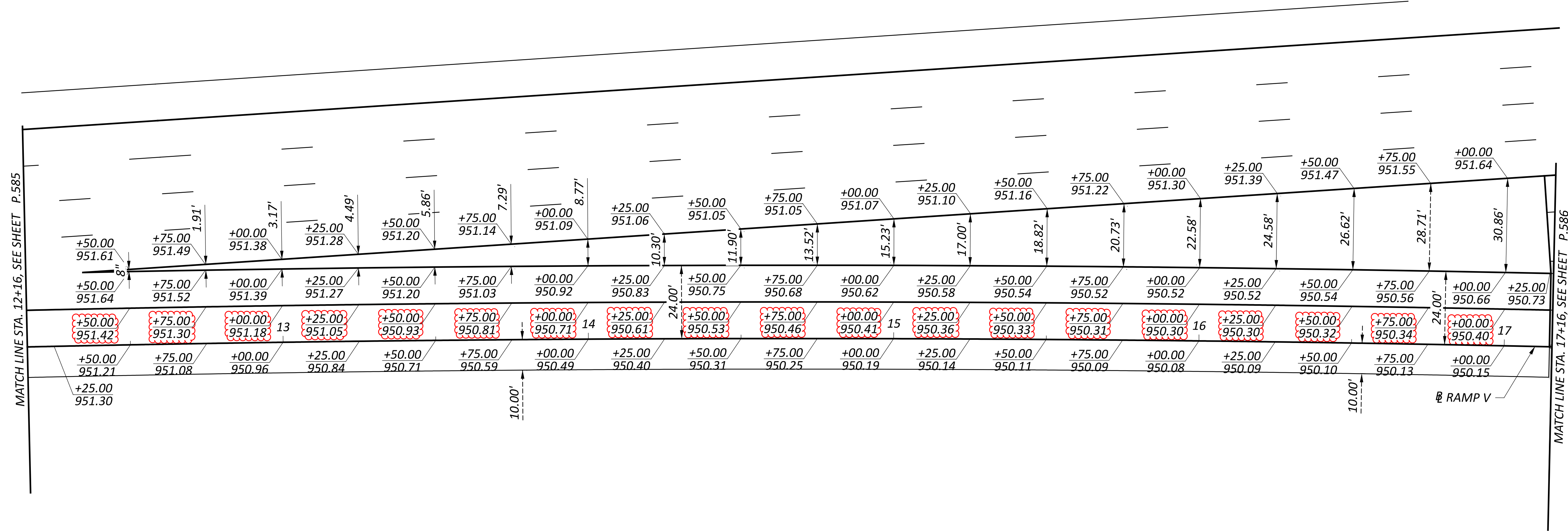
PAVEMENT DETAILS - RAMP M
 STA. 451+21 TO STA. 456+21

DESIGN AGENCY	CARPENTER MARTY
DESIGNER	KMA
REVIEWER	TWG 12/02/25
PROJECT ID	113579
SHEET TOTAL	P.577 722



PAVEMENT DETAILS - RAMP M
 STA. 456+21 TO STA. 461+21

DESIGN AGENCY	
DESIGNER	
KMA	
REVIEWER	
TWG 12/02/25	
PROJECT ID	
113579	
SHEET	TOTAL
P.578	722



PAVEMENT DETAILS - RAMP V
 STA. 12+16 TO 17+16

DESIGN AGENCY	
DESIGNER	
KMA	
REVIEWER	
TWG 12/02/25	
PROJECT ID	
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SHEET	TOTAL
P.585	722

WAR/MOT-75-11.56/0.00

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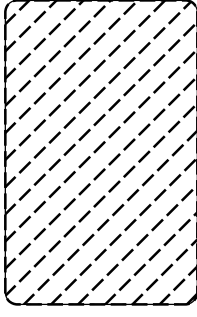
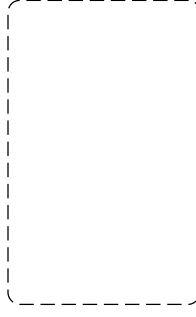
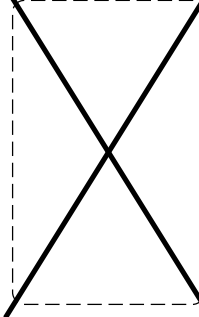


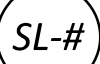


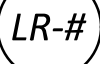





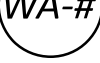







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			FROM	TO		EACH	EACH	EACH	EACH	MILE	MILE	SF	MILE	MILE	MILE	MILE	MILE	MILE	FT	MILE	FT	FT	FT			
WEY-1	605-621	I.R. 75 SB	168+40	159+00	LT.			250										3.76								
WEY-2	605-621	I.R. 75 NB	147+35	168+24	RT.			287										4.34								
WEY-3	P.611	RAMP P	326+75	333+84	LT.			10										0.13								
WEY-4	P.611	RAMP H	229+69	233+50	RT.			5										0.06								
WEY-5	P.617	RAMP V	17+14	24+93	RT.			11										0.15								
WEY-6	P.617	RAMP S	4+43	12+50	LT.			11										0.15								
WEY-7	611-612	RAMP M	443+80	451+22	RT.			10										0.14								
WEY-8	P.613	RAMP J	147+50	151+82	LT.			6										0.08								
EY-1	622-623	AUSTIN BLVD. EB	141+20	148+99	RT.			11		0.15																
EW-1	605-610	I.R. 75 SB	168+40	333+84*	LT.									1.85				1.85								
EW-2	605-610	I.R. 75 NB	147+35	233+50*	LT.			123						1.80				1.80								
EW-3	610-612	I.R. 75 SB	26+90	51+22	RT.			31						0.46				0.46								
EW-4	610-612	I.R. 75 NB	27+93	51+82	RT.			29						0.42				0.42								
EW-5	612-616	I.R. 75 SB	443+80	12+50*	LT.			85						1.27				1.27								
EW-6	612-616	I.R. 75 NB	147+50*	24+93*	RT.			82						1.23				1.23								
EW-7	616-620	I.R. 75 NB	104+50	149+15	RT.			57						0.85				0.85								
EW-8	616-620	I.R. 75 SB	102+43	149+15	LT.			59						0.88				0.88								
EW-9	620-621	RAMP Y/ I.R. 75 NB	149+15	168+24	RT.			25						0.36				0.36								
EW-10	620-621	RAMP U/ I.R. 75 SB	154+81	159+00	LT.			6						0.08				0.08								
WLL-1	605-621	I.R. 75 SB	168+40	159+00	LT.	166												3.76								
WLL-2	605-621	I.R. 75 SB	168+40	159+00	LT.	166												3.76								
WLL-3	962-963	I.R. 75 SB	168+40	84+00	RT.	104												2.34								
WLL-4	605-621	I.R. 75 NB	147+35	168+24	RT.	193			9									4.37								
WLL-5	605-621	I.R. 75 NB	147+35	168+24	RT.	193												4.37								
WLL-6	605-618	I.R. 75 NB	147+35	125+10	RT.	150												3.38								
WLL-7	614-616	RAMP S	84+00	12+50*	LT.	23												0.50								
WLL-8	P.617	RAMP V	104+50	24+93*	RT.	7												0.15								
WLL-9	P.613	RAMP M	447+25	451+22	CL.	4												0.07								
LL-1	622-623	AUSTIN BLVD. EB	142+22	148+99	RT.			4																		
DL-1	P.610	I.R. 75 SB	11+65	22+28	LT.													1063								
DL-2	609-610	I.R. 75 NB	21+69	27+93	RT.													624								
DL-3	NOT USED																									
DL-4	NOT USED																									
DL-5	P.619	I.R. 75 NB	116+00	133+50	RT.													1758								
DL-6	620-621	I.R. 75 NB	153+64	161+30	RT.													774								
DL-7	620-621	I.R. 75 SB	156+93	159+00	LT.													207								
PMR-1	622-623	AUSTIN BLVD. EB	141+20	149+25	RT.													0.15								
PMR-2	622-623	AUSTIN BLVD. EB	141+20	149+25	RT.													0.15								
PMR-3	P.624	AUSTIN BLVD. EB	141+20	149+25	RT.													0.15								
PMR-4	P.624	AUSTIN BLVD. EB	148+99		RT.													42								
DL12-1	613-616	I.R. 75 NB	55+91	94+47	RT.																3856					
DL12-2	614-615	I.R. 75 SB	60+30	84+00	LT.																2370					
SHEET SUBTOTAL						1007	621	602						9.19	8.81											
TOTALS CARRIED TO GENERAL SUMMARY							2230		9	0.15	0.13	42	0.45	18.01	22.69	4426	40.70	4426	6226	6226						

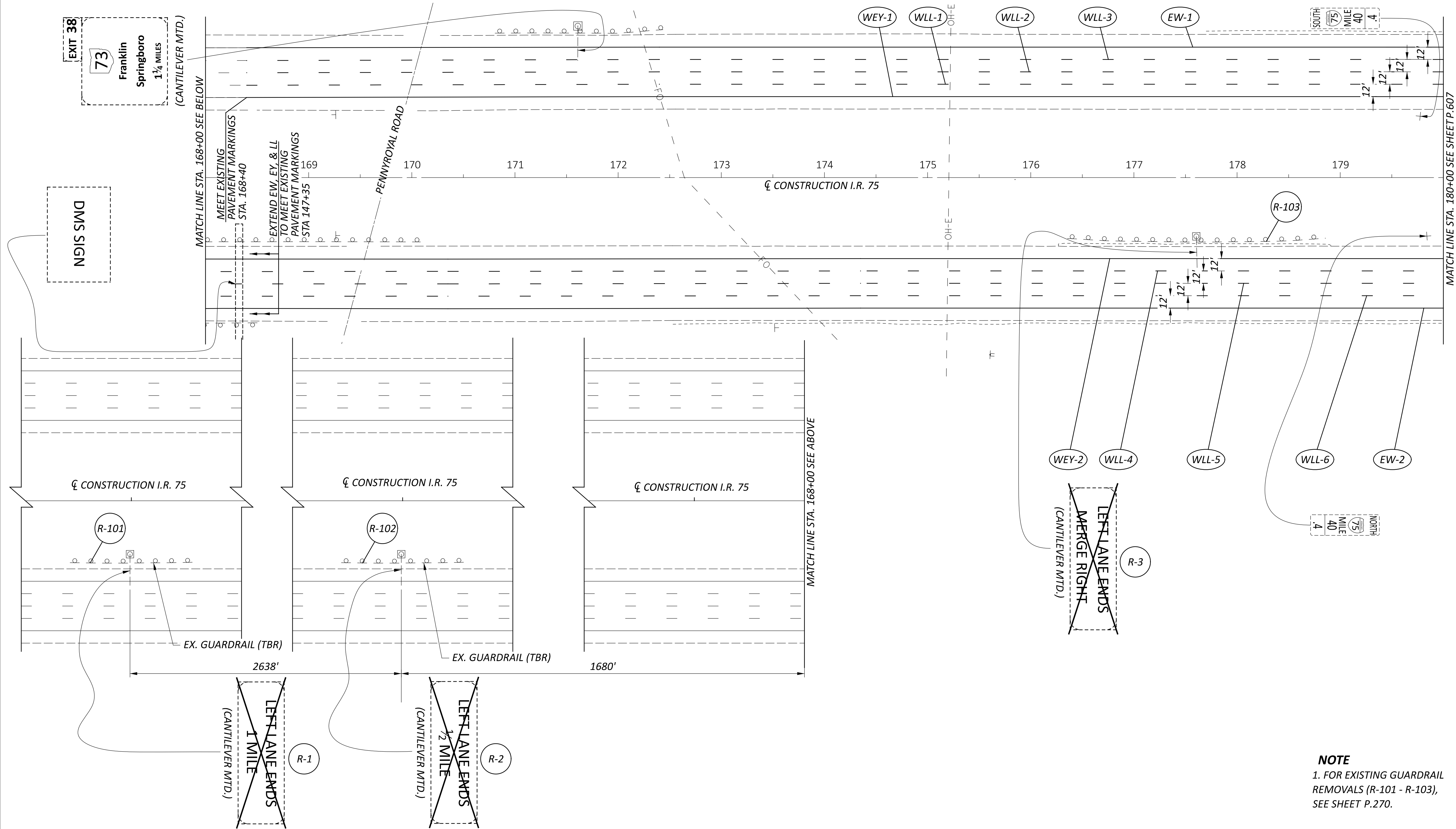
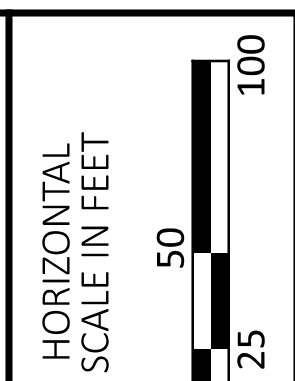
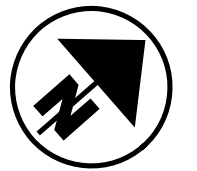
PAVEMENT MARKING SUBSUMMARY

DESIGN AGENCY

 DESIGNER
 AJH
 REVIEWER
 NAU 12/02/25
 PROJECT ID
 113579
 SHEET TOTAL
 P.604 722

TRAFFIC CONTROL LEGEND

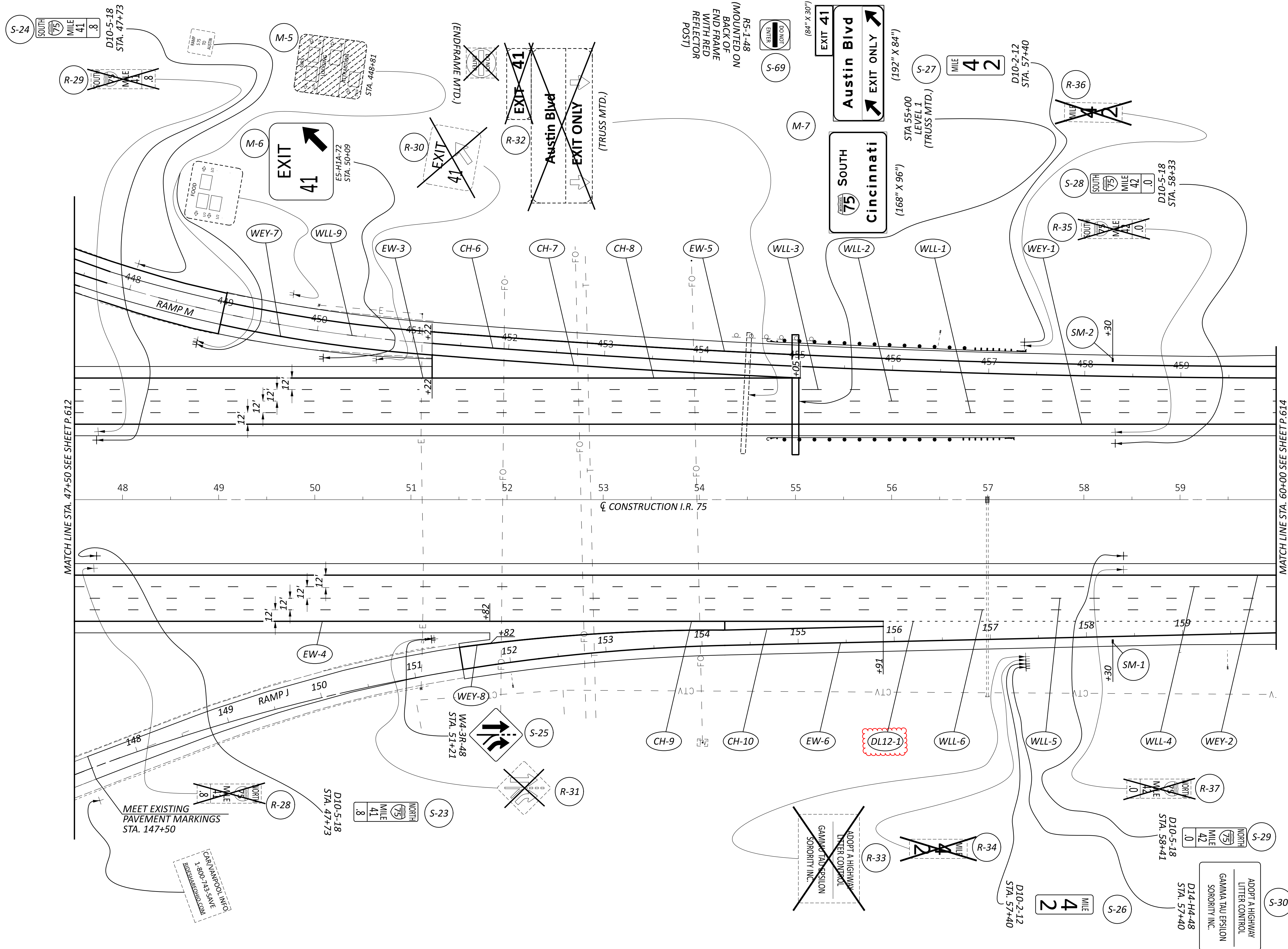
	REMOVE AND REERECT ON NEW SUPPORT		EXISTING TO REMAIN		EXISTING TO BE REMOVED		PROPOSED		S-#	ITEM 630 - SIGN, FLAT SHEET		SL-#	ITEM 646 - STOP LINE		DL-#	ITEM 807 - WET REFLECTIVE EPOXY PAVEMENT MARKING, DOTTED LINE, 6"
									M-#	ITEM 630 - SIGN, EXTRUSHEET		LR-#	ITEM 646 - LANE REDUCTION ARROW		EW-#	ITEM 807 - WET REFLECTIVE EPOXY PAVEMENT MARKING, EDGE LINE, 6", WHITE
									R-#	SIGN OR GUARDRAIL REMOVAL		LA-#	ITEM 646 - LANE ARROW		WEY-#	ITEM 807 - WET REFLECTIVE EPOXY PAVEMENT MARKING, EDGE LINE, 6", YELLOW
									EY-#	ITEM 646 - EDGE LINE, YELLOW, 6"		WA-#	ITEM 646 - WRONG WAY ARROW		CH-#	ITEM 807 - WET REFLECTIVE EPOXY PAVEMENT MARKING, CHANNELIZING LINE, 12"
									LL-#	ITEM 646 - LANE LINE, 6"		SM-#	ITEM 647 - SPEED MEASUREMENT MARKING		PMR-#	ITEM 646 - PAVEMENT MARKING REMOVAL
									CV-#	ITEM 646 - CHEVRON MARKING		WLL-#	ITEM 807 - WET REFLECTIVE EPOXY PAVEMENT MARKING, LANE LINE, 6"		DL12-#	ITEM 807 - WET REFLECTIVE EPOXY PAVEMENT MARKING, DOTTED LINE, 12"



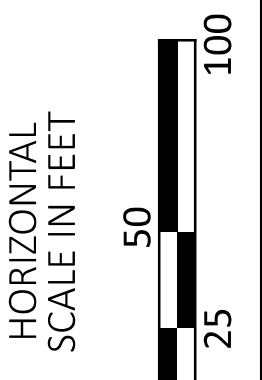
NOTE
 1. FOR EXISTING GUARDRAIL
 REMOVALS (R-101 - R-103),
 SEE SHEET P.270.

TRAFFIC CONTROL PLAN - I.R. 75
 STA. 167+50 TO STA. 180+00

DESIGN AGENCY	CARPENTER MARTY
DESIGNER	AJH
REVIEWER	NAU
DATE	12/02/25
PROJECT ID	113579
SHEET TOTAL	P.606 722

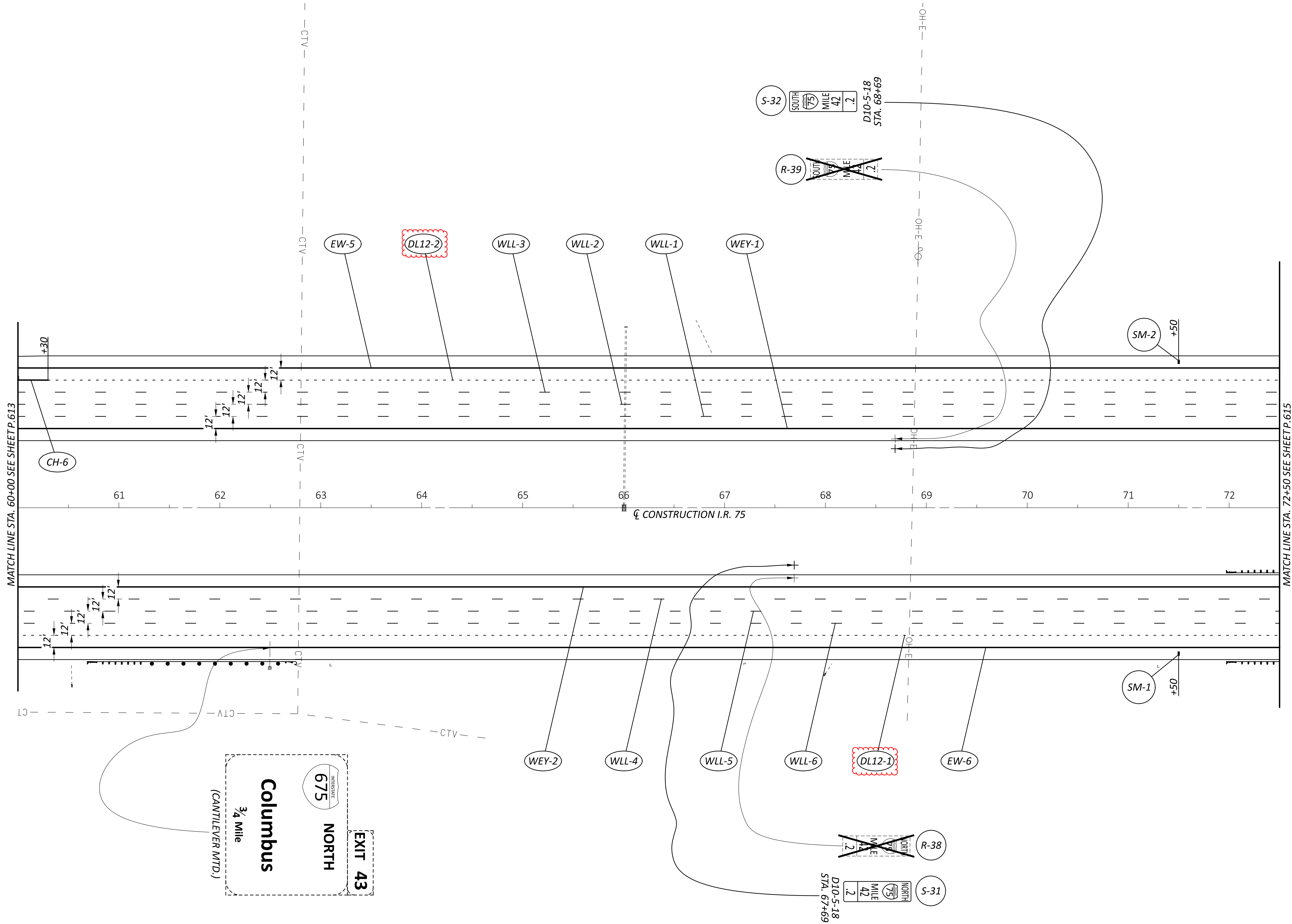


NOTE
1. FOR LEGEND, SEE SHEET P.606.

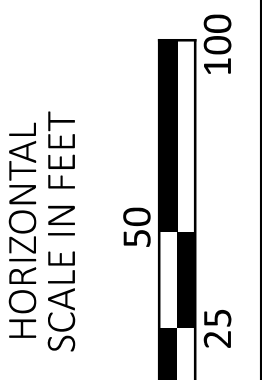
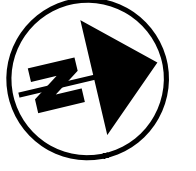


TRAFFIC CONTROL PLAN - I.R. 75
STA. 47+50 TO STA. 60+00

DESIGN AGENCY	
CARPENTER MARTY	
DESIGNER	
AJH	
REVIEWER	
NAU 12/02/25	
PROJECT ID	
113579	
SHEET	TOTAL
P.613	722

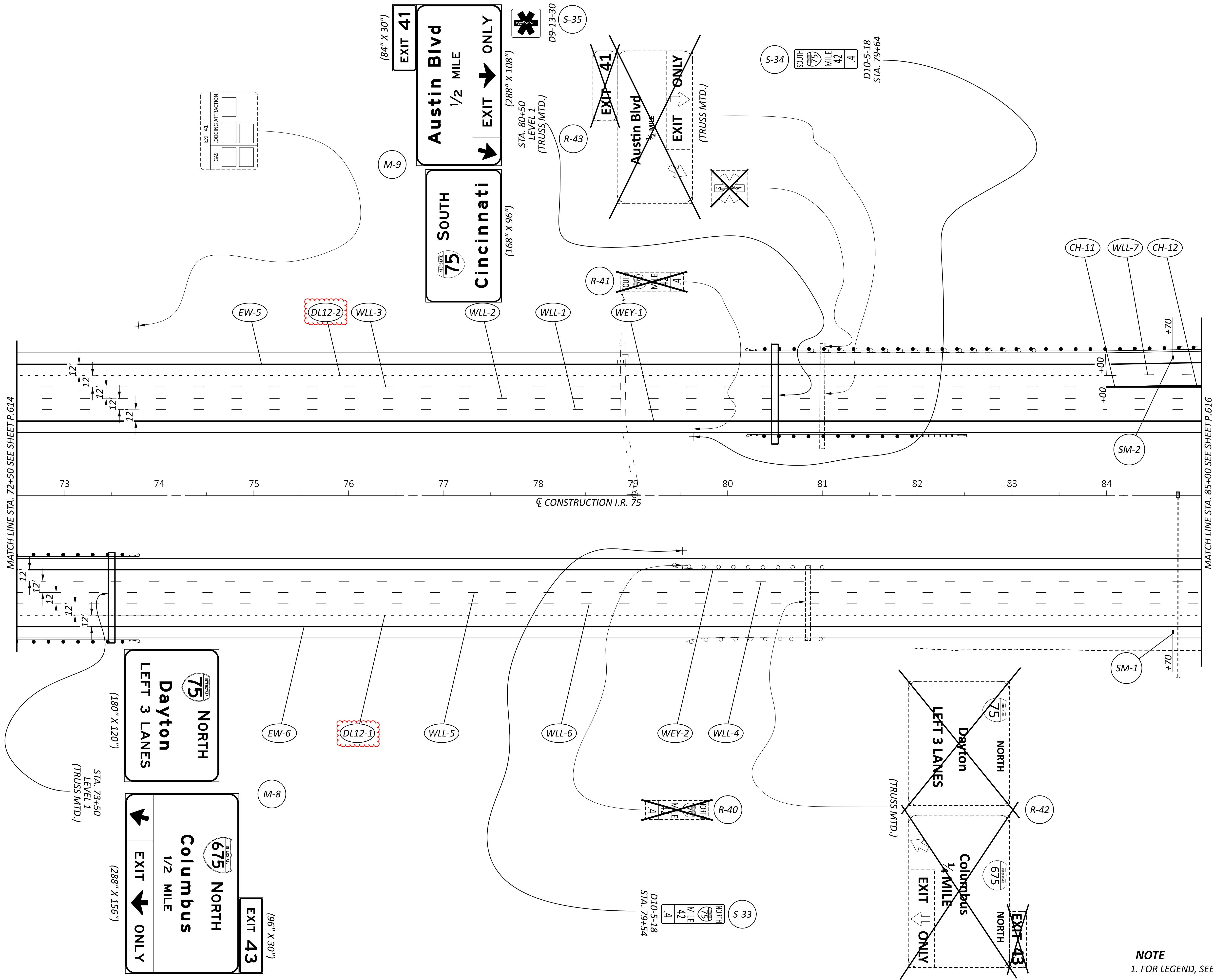


NOTE
 1. FOR LEGEND, SEE SHEET P.606.



TRAFFIC CONTROL PLAN - I.R. 75
STA. 60+00 TO STA. 72+50

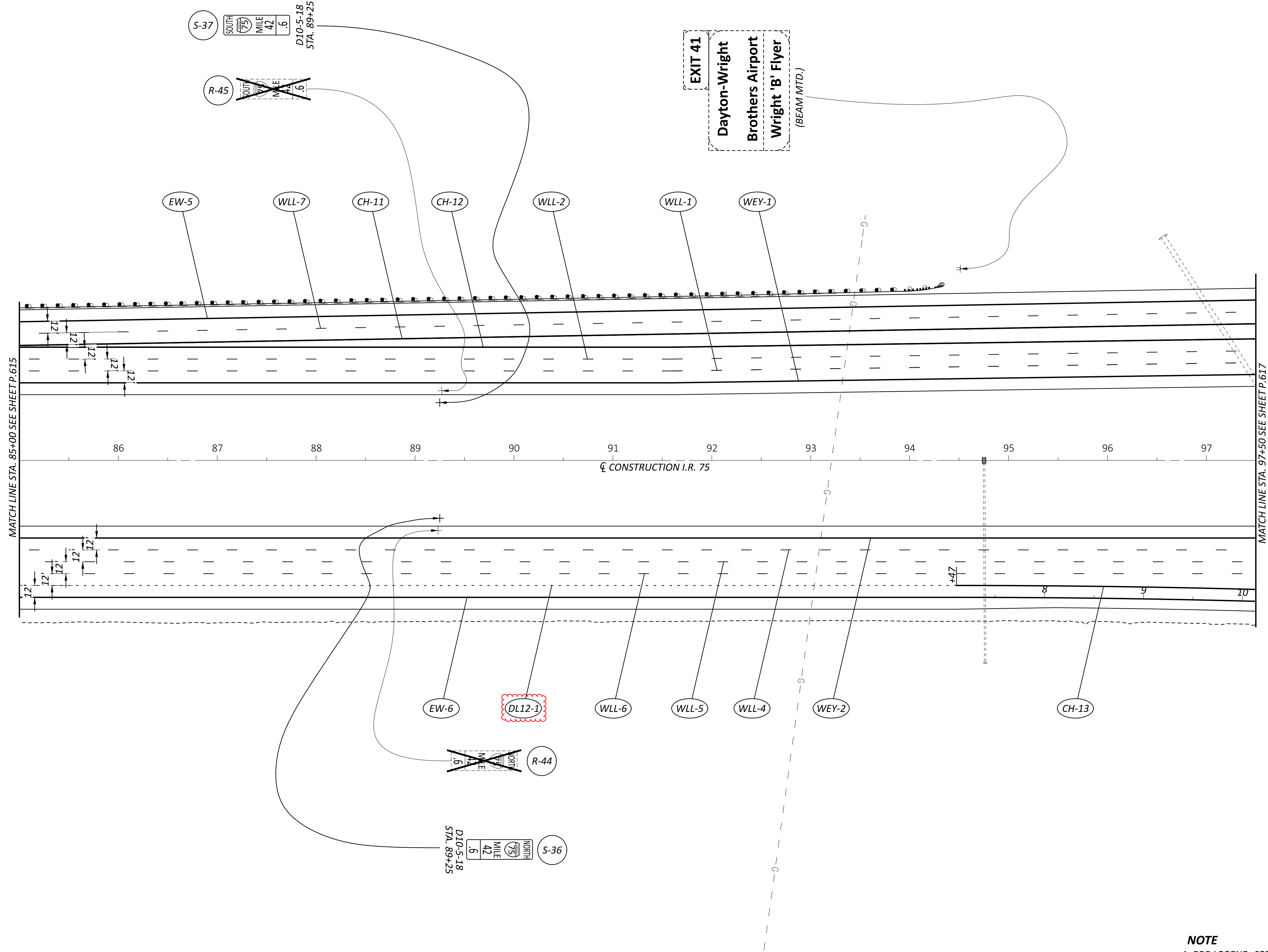
DESIGN AGENCY	
DESIGNER	
AJH	
REVIEWER	
NAU 12/02/25	
PROJECT ID	
113579	
SHEET	TOTAL
P.614	722



NOTE
1. FOR LEGEND, SEE SHEET P.606.

TRAFFIC CONTROL PLAN - I.R. 75
STA. 72+50 TO STA. 85+00

DESIGN AGENCY	
CARPENTER MARTY	
DESIGNER	
AJH	
REVIEWER	
NAU 12/02/25	
PROJECT ID	
113579	
SHEET	TOTAL
P.615	722



NOTE
 1. FOR LEGEND, SEE SHEET P.606.

TRAFFIC CONTROL PLAN - I.R. 75
 STA. 85+00 TO STA. 97+50

DESIGN AGENCY	
CARPENTER MARTY	
DESIGNER	
AJH	
REVIEWER	
NAU 12/02/25	
PROJECT ID	
113579	
SHEET	TOTAL
P.616	722

UTILITIES – ODOT ITS & TRAFFIC MONITORING

WORK IN THE VICINITY OF ITS DEVICES (FIBER OPTIC CABLE, CCTV, DMS, ETC.) INVOLVES THE ODOT OFFICE OF TRAFFIC OPERATIONS AS A UTILITY OWNER.

ODOT OFFICE OF TRAFFIC OPERATIONS
1606 W BROAD ST
COLUMBUS, OH 43223
614-387-4111
CEN.ITS.LAB@DOT.OHIO.GOV

WORK IN THE VICINITY OF PERMANENT VEHICLE COUNT STATIONS (ATR OR WIM) INVOLVES THE ODOT OFFICE OF TECHNICAL SERVICES, TRAFFIC MONITORING SECTION, AS A UTILITY OWNER.

ODOT OFFICE OF TECHNICAL SERVICES
TRAFFIC MONITORING SECTION
1980 W BROAD ST
COLUMBUS, OH 43223

FIELD OPERATION CONTACT

• DISTRICTS 7 & 8: COLIN STONE – 614-852-7374

ITEM 625, PULL BOX MISC.: ADJUST PULL BOX TO GRADE

ADJUST THE EXISTING PULL BOX TO THE PROPOSED FINISHED GRADE AS NOTED IN THE PLANS. FURNISH ALL LABOR, EQUIPMENT, AND INCIDENTAL MATERIALS NECESSARY TO COMPLETE THIS WORK.

PAYMENT WILL BE MADE AT THE UNIT PRICE FOR EACH C&MS ITEM 625, "PULL BOX, MISC.: ADJUST PULL BOX TO GRADE" WHICH SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS, AND INCIDENTALS REQUIRED TO COMPLETE THIS ITEM IN A SATISFACTORY AND WORKMANLIKE MANNER.

ITEM 625, POWER SERVICE, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF THE SPECIFICATIONS, THIS WORK ALSO CONSISTS OF UPGRADING THE EXISTING POWER SERVICE TO A 240/480-VOLT SERVICE, INCLUDING ALL ASSOCIATED CONNECTIONS, COMPONENTS, AND ADJUSTMENTS NECESSARY TO PROVIDE A FULLY FUNCTIONAL SERVICE POINT.

PAYMENT WILL BE MADE AT THE UNIT BID PRICE FOR EACH C&MS ITEM 625, "POWER SERVICE, AS PER PLAN" WHICH SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS, INCIDENTALS, AND ANY ASSOCIATED FEES REQUIRED TO COMPLETE THIS ITEM IN A SATISFACTORY AND WORKMANLIKE MANNER.

ITEM 625, JACKED OR DRILLED, 725.051, AS PER PLAN, 4"

IN ADDITION TO THE REQUIREMENTS OF ITEM 625 AND 725.051, CONDUITS SHALL BE SCH 80 PVC.

ITEM 625, JACKED OR DRILLED, 725.052, AS PER PLAN, 3"

IN ADDITION TO THE REQUIREMENTS OF ITEM 625 AND 725.052, CONDUITS SHALL BE SCH 80 HDPE.

PROTECTION OF TRAFFIC MONITORING EQUIPMENT

PRIOR TO BEGINNING ANY PAVEMENT ACTIVITIES OR ANY EXCAVATION ACTIVITIES BETWEEN STA. 197+00 AND STA. 198+00 THE CONTRACTOR, ENGINEER, AND A REPRESENTATIVE FROM THE OWNER WILL COORDINATE A TIME FOR THE OWNER/MAINTAINING AGENCY TO DISCONNECT THE EQUIPMENT. FOLLOWING THE DISCONNECTION BY THE OWNER, THE CONTRACTOR WILL BE ALLOWED TO PERFORM THEIR PAVEMENT ACTIVITIES, INCLUDING PAVEMENT REMOVAL. THE REMOVED LOOPS AND SENSORS BECOME THE PROPERTY OF THE CONTRACTOR.

DURING THE MEETING, THE OWNER/MAINTAINING AGENCY WILL IDENTIFY EQUIPMENT LOCATIONS. DO NOT DISTURB PULL BOXES, CONTROLLERS, CABINETS, POLES OR CONDUITS. ANY DAMAGE WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND REPAIRS MUST BE ACCEPTED BY THE OWNER.

CONTACT ANTHONY STEVENS (614-301-9461, ANTHONY.STEVENS@DOT.OHIO.GOV) FOR SITE SPECIFIC DETAILS AND NEEDS.

ITEM 632, REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM: POLE MOUNTED ITS CABINET

THIS ITEM SHALL CONSIST OF REMOVING EXISTING POLE MOUNTED ITS CABINETS, INCLUDING ALL INTERNAL COMPONENTS. THIS INCLUDES THE ITS CABINET MOUNTED TO THE ROAD WEATHER INFORMATION SYSTEM (RWIS) STRUCTURE. REMOVAL OF THE RWIS-MOUNTED ITS CABINET SHALL BE COORDINATED WITH:

ATTN: TARA ALSTON
EMAIL: TARA.ALSTON@DOT.OHIO.GOV

ALL REMOVED ITS CABINETS SHALL BE DELIVERED TO:

ODOT OFFICE OF TRAFFIC OPERATIONS
1606 W. BROAD STREET
COLUMBUS, OHIO 43223
ATTN: PAUL LUNDSTROM
PHONE: 614-562-6501

IN THE EVENT THE ITEMS REMOVED AS PART OF THIS ITEM ARE NOT ACCEPTED BY ODOT, THE CONTRACTOR SHALL, WHEN DIRECTED BY THE ENGINEER IN WRITING, DISPOSE OF THE ITEMS AT NO ADDITIONAL COST TO THE PROJECT.

PAYMENT WILL BE MADE AT THE UNIT PRICE FOR EACH C&MS ITEM 632, "REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM: POLE MOUNTED ITS CABINET" WHICH SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS, AND INCIDENTALS REQUIRED TO COMPLETE THIS ITEM IN A SATISFACTORY AND WORKMANLIKE MANNER.

ITEM 809, ITS DEVICE, MISC.: REMOVAL AND REINSTALLATION OF RWIS SENSOR

REMOVE THE EXISTING OVERHEAD SIGN TRUSS MOUNTED RWIS SENSOR AND SALVAGE FOR REINSTALLATION. REINSTALL THIS DEVICE ON THE PROPOSED OVERHEAD SIGN TRUSS SUPPORT INDICATED ON THE PLANS.

ALL EXISTING EQUIPMENT ASSOCIATED WITH THE RWIS SENSOR, INCLUDING SOLAR PANEL, END FRAME MOUNTED CABINET, ETC. SHALL BE SALVAGE FOR REINSTALLATION. RELOCATION OF THE RWIS SENSOR SHALL BE COORDINATED WITH:

ATTN: TARA ALSTON
EMAIL: TARA.ALSTON@DOT.OHIO.GOV

PAYMENT WILL BE MADE AT THE CONTRACT UNIT PRICE BID FOR "ITEM 809, ITS DEVICE, MISC.: REMOVAL AND REINSTALLATION OF RWIS SENSOR" WHICH SHALL INCLUDE ALL HARDWARE, WIRING, LABOR, AND INCIDENTALS REQUIRED FOR REINSTALLATION OF THIS ITEM INCLUDING ALL CONNECTIONS TESTED AND ACCEPTED.

ITEM 632, REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM: POLE MOUNTED ATR CABINET

THE CONTRACTOR SHALL NOTIFY THE OFFICE OF TECHNICAL SERVICES A MINIMUM OF THREE WEEKS PRIOR TO ANY DEMOLITION WORK SO THAT ODOT MAY REMOVE ANY EXISTING EQUIPMENT FROM THE ITS CABINET FOR SALVAGE. THE CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF ALL REMAINING ITEMS INCLUDING, BUT NOT LIMITED TO THE PEDESTAL POLE, FOUNDATION, SOLAR PANEL, AND WORK PAD.

PAYMENT WILL BE MADE AT THE UNIT PRICE FOR EACH C&MS ITEM 632, "REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM: POLE MOUNTED ATR CABINET" WHICH SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS, AND INCIDENTALS REQUIRED TO COMPLETE THIS ITEM IN A SATISFACTORY AND WORKMANLIKE MANNER.

ITEM 632, REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM: HIGHWAY ADVISORY RADIO (HAR)

THE CONTRACTOR SHALL REMOVE THE EXISTING HIGHWAY ADVISORY RADIO (HAR) EQUIPMENT, INCLUDING THE MOUNTING HARDWARE, WIRING, AND ALL RELATED ACCESSORIES. ALL EQUIPMENT SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR. REMOVAL OF THE POLE MOUNTED CABINET SHALL BE PAID FOR UNDER A SEPARATE ITEM.

PAYMENT WILL BE MADE AT THE UNIT PRICE FOR EACH C&MS ITEM 632, "REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM: HIGHWAY ADVISORY RADIO (HAR)," WHICH SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS, AND INCIDENTALS REQUIRED TO COMPLETE THIS ITEM IN A SATISFACTORY AND WORKMANLIKE MANNER.

ITEM 632, REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM: WOOD POLE

THE CONTRACTOR SHALL REMOVE THE EXISTING WOOD POLE INCLUDING ANY EXISTING MOUNTING HARDWARE, GUY WIRES, AND RELATED ACCESSORIES. BACKFILL AND RESTORATION OF ALL SURFACES WILL BE INCLUDED WITH THIS PAY ITEM. THE CONTRACTOR SHALL PROPERLY DISPOSE OF ALL MATERIALS.

PAYMENT WILL BE MADE AT THE UNIT PRICE FOR EACH C&MS ITEM 632, "REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM: WOOD POLE," WHICH SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS, AND INCIDENTALS REQUIRED TO COMPLETE THIS ITEM IN A SATISFACTORY AND WORKMANLIKE MANNER.

ITEM 809, STEP DOWN TRANSFORMER, 3KVA

THE CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS NECESSARY FOR A POWER SERVICE PER ODOT CONSTRUCTION AND MATERIAL SPECIFICATION SECTIONS 625.15 AND 809.

A 3.0 KVA, 480 VOLT TO 120 VOLT TRANSFORMER SHALL BE INCIDENTAL TO THIS PAY ITEM. AN EQUIPMENT STAND SHALL ALSO BE INCLUDED AND SHALL HAVE THE TRANSFORMER AND DISCONNECT MOUNTED UPON IT. THIS ITEM SHALL BE INSTALLED PER STANDARD CONSTRUCTION DRAWING ITS-50.11. THIS ITEM SHALL ALSO INCLUDE ALL CONDUIT AND MATERIALS NECESSARY TO RUN POWER WIRING OUT/IN THE NEAREST ELECTRIC PULL BOX, IN ORDER TO PROVIDE 120 VOLT POWER TO THE ITS CABINET AND A COMPLETE AND FUNCTIONAL POWER SERVICE.

ITEM 809, MAINTAINING ITS DURING CONSTRUCTION

THE CONTRACTOR SHALL MAINTAIN ALL PREEXISTING OR NEWLY INSTALLED PERMANENT ITS/TRAFFIC DEVICES AND INFRASTRUCTURE DURING CONSTRUCTION ACCORDING TO ODOT SUPPLEMENTAL SPECIFICATION 809.

ITEM 625, TRENCH IN PAVED AREA, AS PER PLAN

THIS ITEM SHALL BE AS PER C&MS 625 EXCEPT THIS TRENCHING WILL REQUIRE REMOVAL AND REPLACEMENT OF DECORATIVE STAMPED CONCRETE LOCATED WITHIN THE INTERSECTION CORNERS OF THE AUSTIN BLVD AND IR-75 RAMPS INTERSECTIONS. THE PROPOSED CONCRETE MATERIAL SPECIFICATION SHALL BE AS PER C&MS 451 THE PROPOSED CONCRETE SHALL BE STAMPED AND COLORED TO MATCH THE SPECIFICATIONS LISTED BELOW.

CONCRETE FINISH: BOMANITE CORPORATION - MEDIAN ASHLAR SLATE PATTERN WITH SIZES TO RANGE FROM 8" X 9" TO 18" X 20" AND 8" X 9" AND 21" X 32", INCRETE SYSTEMS - RANDOM SIDEWALK PATTERN. SIKA CORPORATION (L.M. SCOFIELD COMPANY) - FRACTURED RANDOM INTERLOCKING PATTERNS 700A, 700B, 700C, OR EQUAL AS APPROVED BY THE ENGINEER. COLOR MUST MATCH FEDERAL STANDARD 595B: #10115.

BOMANITE CORPORATION
34501 EAST QUINCY AVE.
BUILDING 28
WATKINS, CO 80137
PHONE: (303) 369-1115

INCRETE SYSTEMS
1611 GUNN HIGHWAY
ODESSA, FL 33556
PHONE: (813) 886-8811

SIKA CORPORATION (L.M. SCOFIELD COMPANY)
201 POLITO AVENUE
LYNDHURST, NJ 07071
PHONE: (201) 933-8800

ITEM 633, CONTROLLER WORK PAD, AS PER PLAN

THIS ITEM SHALL CONSIST OF PROVIDING A WORK PAD FOR THE PROPOSED ITS GROUND MOUNTED CABINET AND ENCOMPASSES THE PROPOSED TRAFFIC AND ELECTRIC PULL BOXES ADJACENT TO THE CABINET.

THIS ITEM SHALL BE CONSTRUCTED AS PER SCD ITS-10.11 EXCEPT THAT THIS WORK PAD SHALL BE BUILT SO THAT IT ADJOINS TO THE EXISTING CAMERA POLE WORK PAD AS DETAILED IN THE PLANS. THE PROPOSED WIDTH SHALL MATCH THE EXISTING WORK PAD WIDTH AND THE LENGTH SHALL BE LONG ENOUGH TO ACCOMMODATE THE CABINET AND PULL BOXES AS SHOWN IN ITS-10.11.

PAYMENT WILL BE MADE AT THE CONTRACT UNIT PRICE BID FOR "ITEM 633, CONTROLLER WORK PAD, AS PER PLAN" WHICH SHALL BE FULL COMPENSATIONS FOR ALL LABOR, MATERIALS AND INCIDENTALS REQUIRED TO COMPLETE THIS ITEM IN A SATISFACTORY AND WORKMANLIKE MANNER.

DESIGN AGENCY



DESIGNER

CTF

REVIEWER

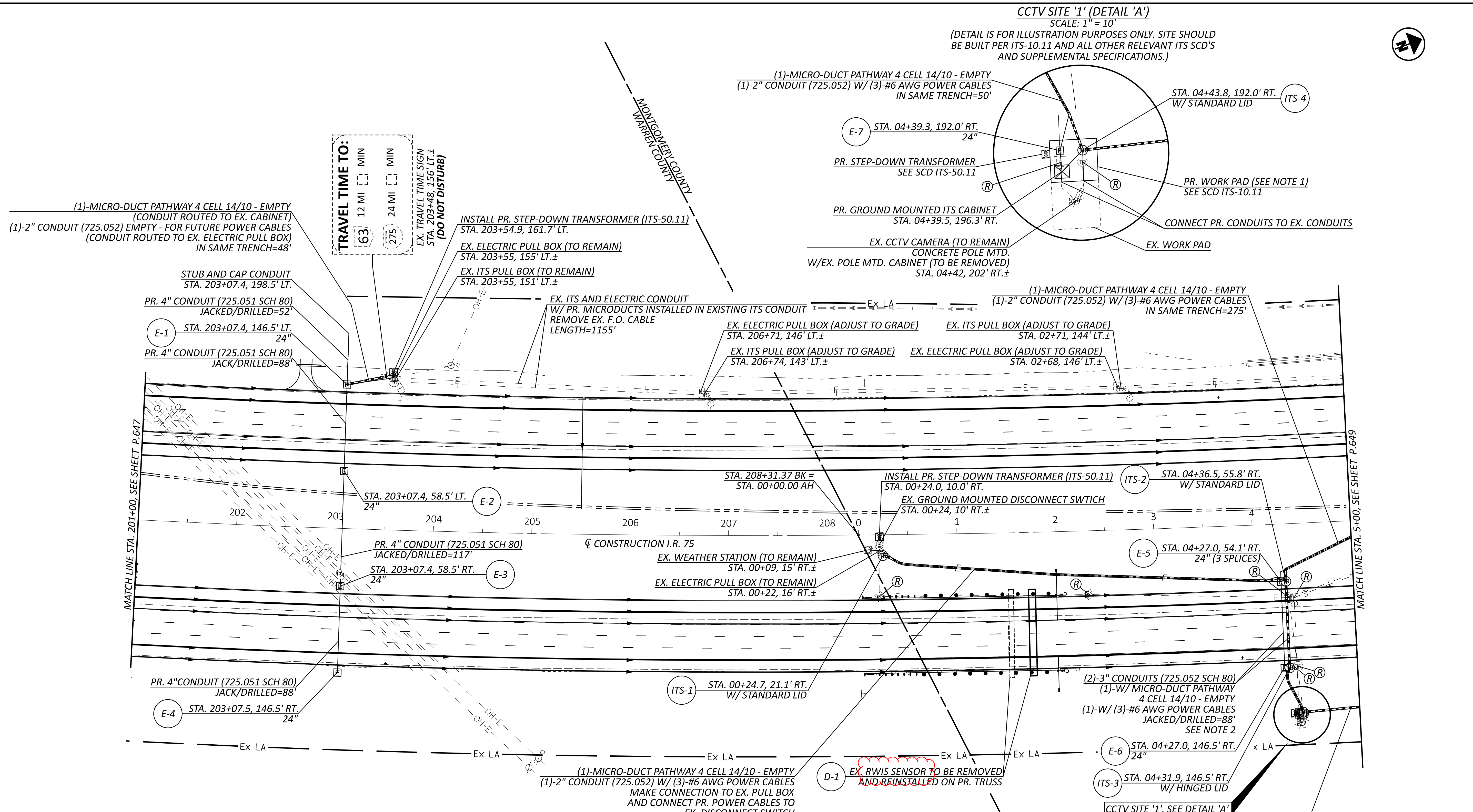
NAU 12/02/25

PROJECT ID

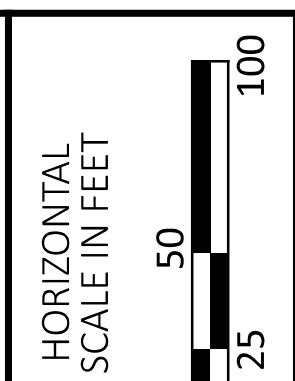
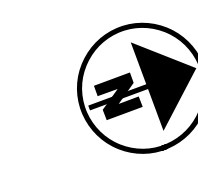
113579

SHEET TOTAL

P.644 722



CCTV SITE '1' (DETAIL 'A')
 SCALE: 1" = 10'
 (DETAIL IS FOR ILLUSTRATION PURPOSES ONLY. SITE SHOULD BE BUILT PER ITS-10.11 AND ALL OTHER RELEVANT ITS SCD'S AND SUPPLEMENTAL SPECIFICATIONS.)



TRAFFIC SURVEILLANCE - PLAN
 STA. 201+00 TO STA. 5+00

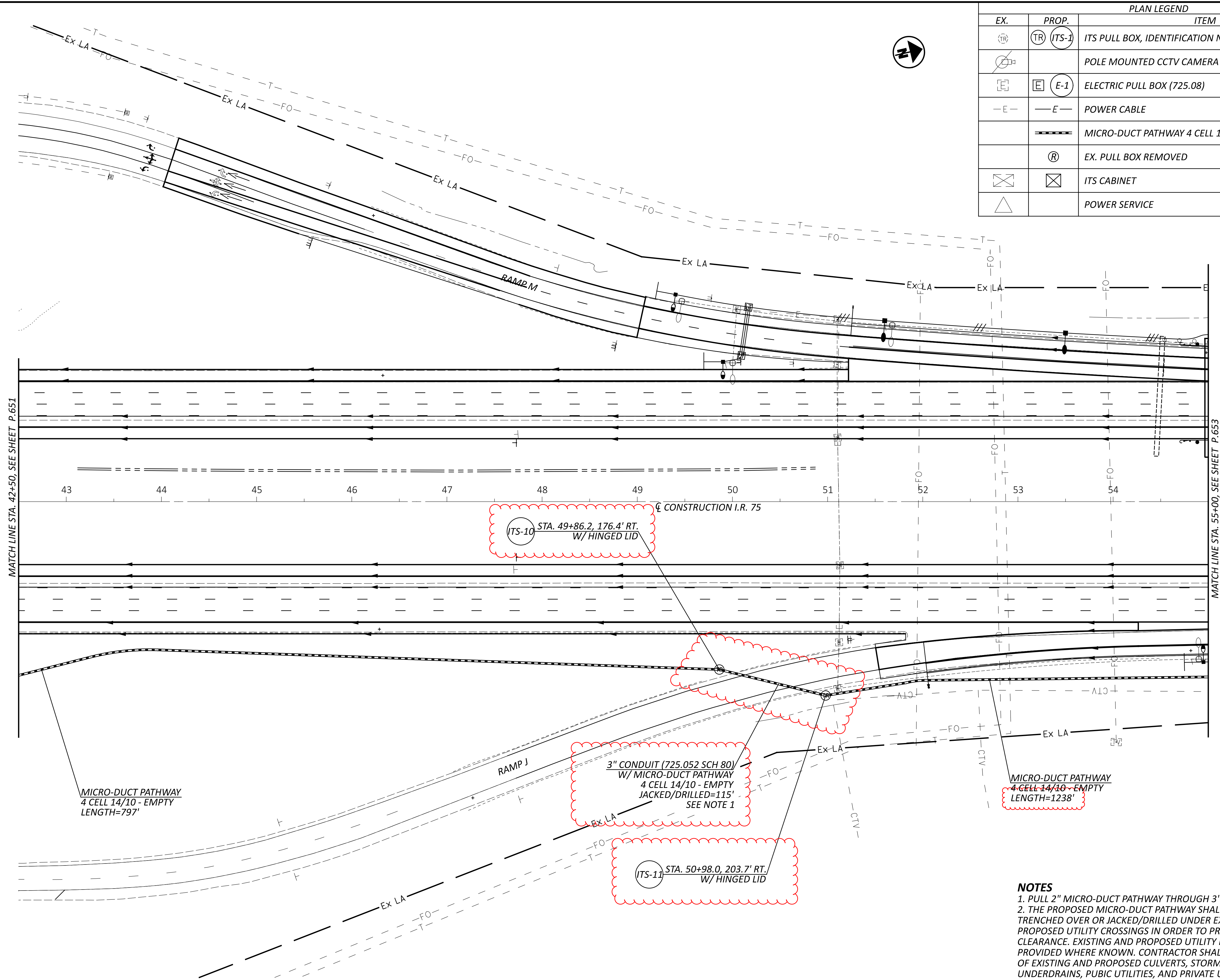
PLAN LEGEND

EX.	PROP.	ITEM
		ITS PULL BOX, IDENTIFICATION NO.
		POLE MOUNTED CCTV CAMERA
		ELECTRIC PULL BOX (725.08)
		POWER CABLE
		MICRO-DUCT PATHWAY 4 CELL 14/10
		EX. PULL BOX REMOVED
		ITS CABINET
		POWER SERVICE

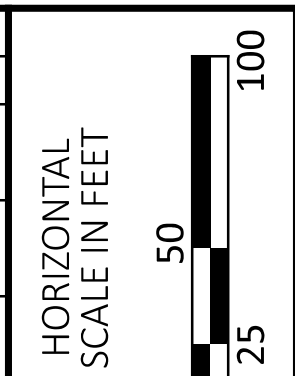
- NOTES**
1. THE CONTRACTOR SHALL EXTEND THE EX. WORK PAD TO MATCH THE DIMENSIONS AND REQUIREMENTS OF SCD ITS-10.11, AND SHALL CONNECT THE PROPOSED CONDUITS TO THE EXISTING CONDUITS AS SHOWN.
 2. PULL 2" MICRO-DUCT PATHWAY THROUGH 3" CONDUIT.
 3. THE PROPOSED MICRO-DUCT PATHWAY SHALL EITHER BE TRENCHED OVER OR JACKED/DRILLED UNDER EXISTING AND PROPOSED UTILITY CROSSINGS IN ORDER TO PROVIDE 1.0' VERTICAL CLEARANCE. EXISTING AND PROPOSED UTILITY DEPTHS ARE PROVIDED WHERE KNOWN. CONTRACTOR SHALL VERIFY ALL DEPTHS OF EXISTING AND PROPOSED CULVERTS, STORM SEWERS, UNDERDRAINS, PUBIC UTILITIES, AND PRIVATE UTILITIES WHERE THE MICRO-DUCT PATHWAY INTERSECTS.

DESIGN AGENCY

 DESIGNER
 AJH
 REVIEWER
 NAU 12/02/25
 PROJECT ID
 113579
 SHEET TOTAL
 P.648 722



PLAN LEGEND		
EX.	PROP.	ITEM
(TR)	(TR) (ITS-1)	ITS PULL BOX, IDENTIFICATION NO.
(CCTV)		POLE MOUNTED CCTV CAMERA
(E)	(E-1)	ELECTRIC PULL BOX (725.08)
-E-	-E-	POWER CABLE
		MICRO-DUCT PATHWAY 4 CELL 14/10
	(R)	EX. PULL BOX REMOVED
(X)	(X)	ITS CABINET
(Δ)		POWER SERVICE

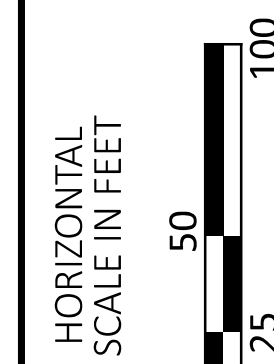
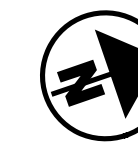


TRAFFIC SURVEILLANCE - PLAN
 STA. 42+50 TO STA. 55+00

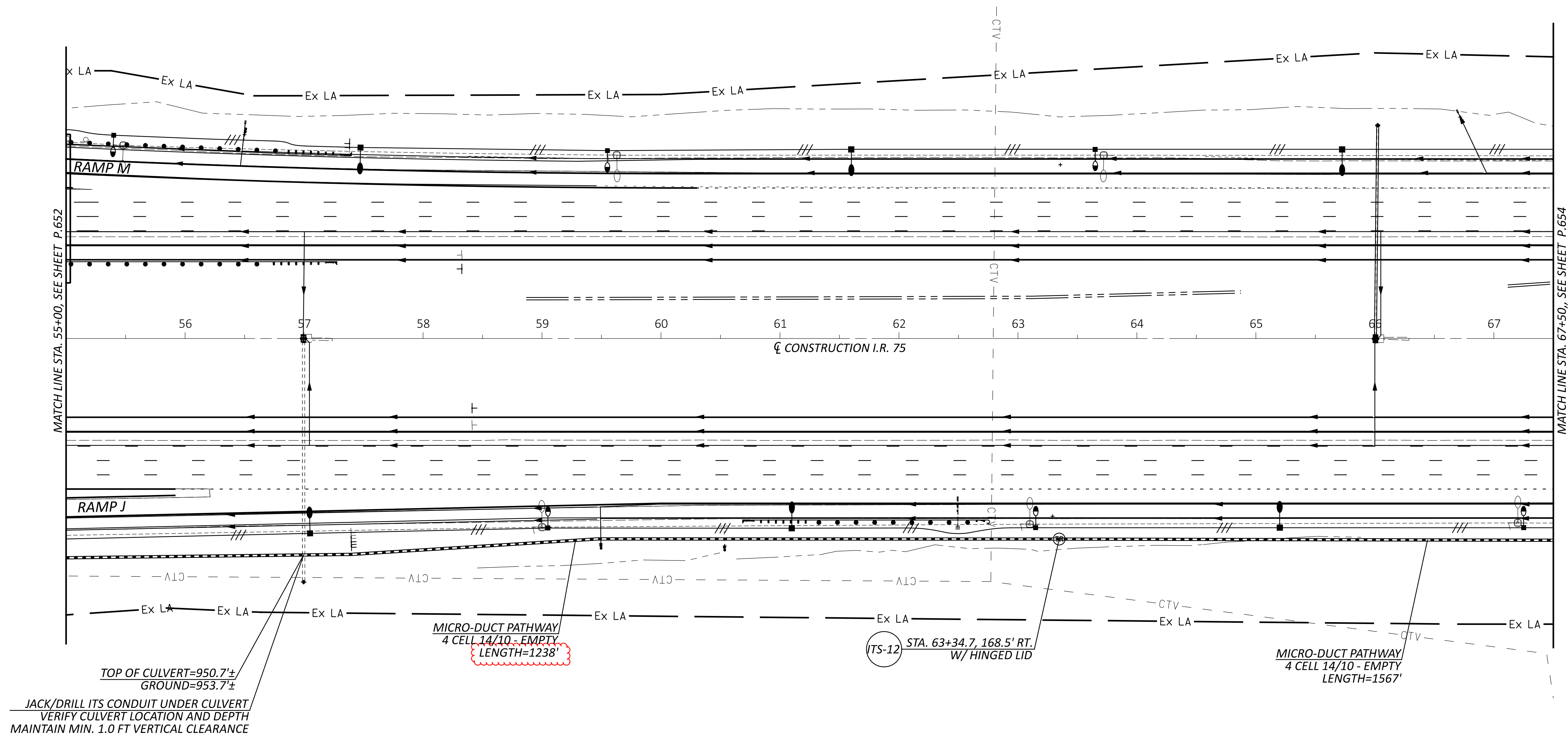
DESIGN AGENCY	CARPENTER MARTY
DESIGNER	AJH
REVIEWER	NAU
PROJECT ID	113579
SHEET	TOTAL
P.652	722

NOTES
 1. PULL 2" MICRO-DUCT PATHWAY THROUGH 3" CONDUIT.
 2. THE PROPOSED MICRO-DUCT PATHWAY SHALL EITHER BE TRENCHED OVER OR JACKED/DRILLED UNDER EXISTING AND PROPOSED UTILITY CROSSINGS IN ORDER TO PROVIDE 1.0' VERTICAL CLEARANCE. EXISTING AND PROPOSED UTILITY DEPTHS ARE PROVIDED WHERE KNOWN. CONTRACTOR SHALL VERIFY ALL DEPTHS OF EXISTING AND PROPOSED CULVERTS, STORM SEWERS, UNDERDRAINS, PUBIC UTILITIES, AND PRIVATE UTILITIES WHERE THE MICRO-DUCT PATHWAY INTERSECTS.

PLAN LEGEND		
EX.	PROP.	ITEM
		ITS PULL BOX, IDENTIFICATION NO.
		POLE MOUNTED CCTV CAMERA
		ELECTRIC PULL BOX (725.08)
		POWER CABLE
		MICRO-DUCT PATHWAY 4 CELL 14/10
		EX. PULL BOX REMOVED
		ITS CABINET
		POWER SERVICE



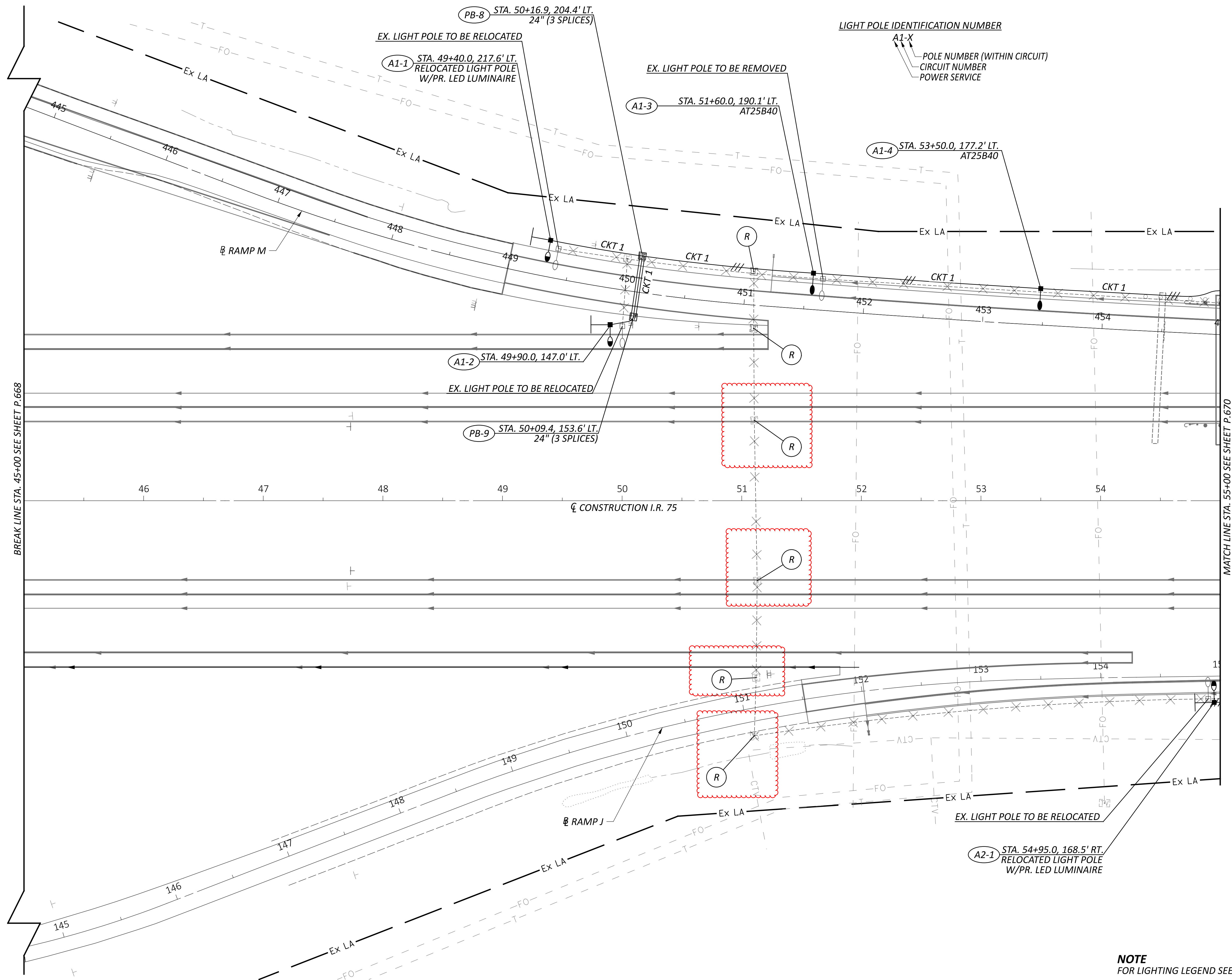
TRAFFIC SURVEILLANCE - PLAN
 STA. 55+00 TO STA. 67+50



DESIGN AGENCY



DESIGNER	AJH
REVIEWER	NAU
PROJECT ID	113579
SHEET	TOTAL
P.653	722

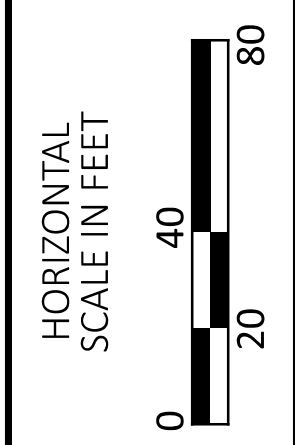
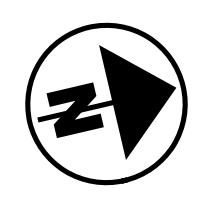


BREAK LINE STA. 45+00 SEE SHEET P.668

MATCH LINE STA. 55+00 SEE SHEET P.670

CL CONSTRUCTION I.R. 75

LIGHT POLE IDENTIFICATION NUMBER
 A1-X
 POLE NUMBER (WITHIN CIRCUIT)
 CIRCUIT NUMBER
 POWER SERVICE



LIGHTING PLAN - I.R. 75
STA. 45+00 TO STA. 55+00

DESIGN AGENCY	
CARPENTER MARTY	
DESIGNER	
AJH	
REVIEWER	
NAU 12/02/25	
PROJECT ID	
113579	
SHEET	TOTAL
P.669	722

NOTE
 FOR LIGHTING LEGEND SEE SHEET P.667.