

PER-345-0.00/0.25
VILLAGE OF NEW LEXINGTON

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PLAN PREPARED BY:
TRANSYSTEMS
400 W. NATIONWIDE BLVD., STE 225
COLUMBUS, OHIO 43215

[illegible]

Pamela Boratyn
Director, Department of Transportation

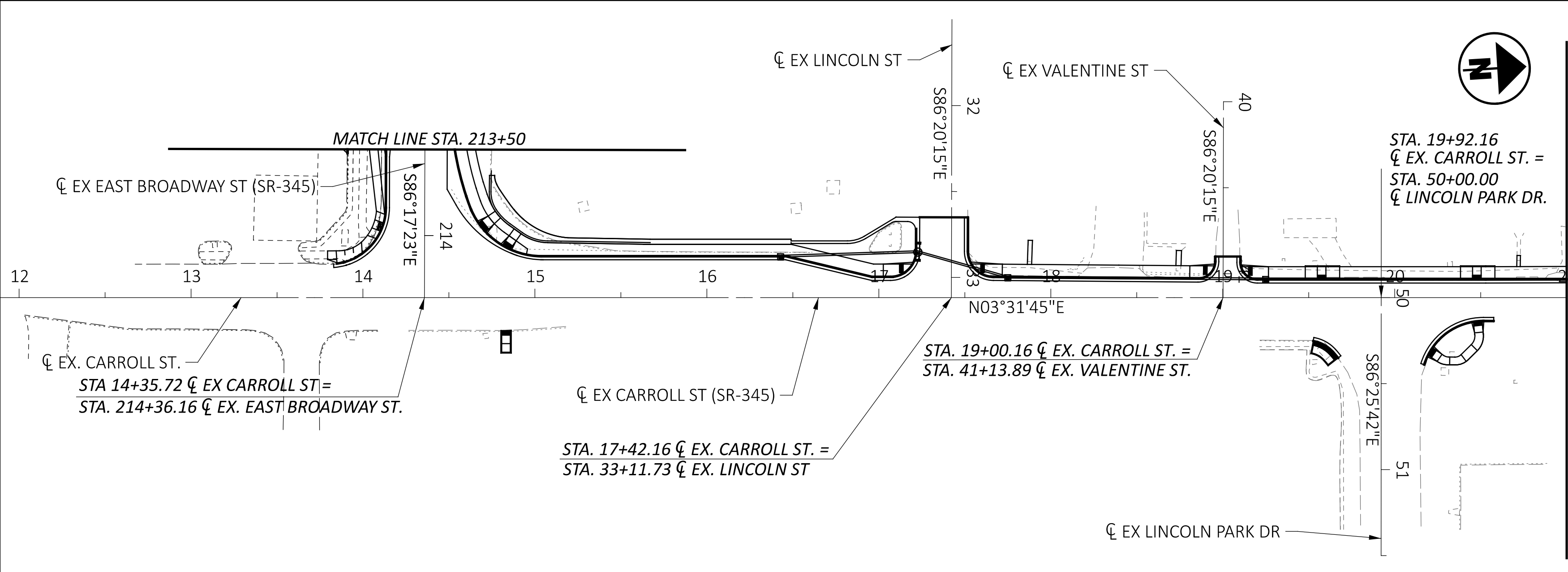
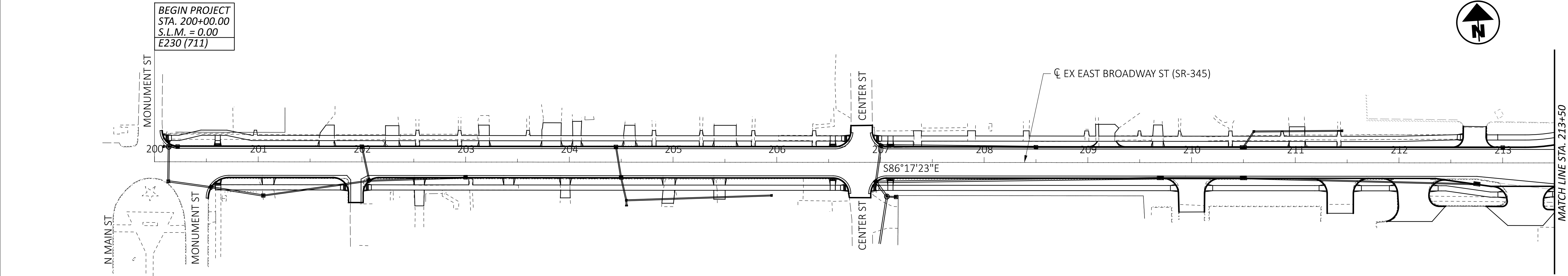
TITLE SHEET

TRANSYSTEMS
400 W. NATIONWIDE BLVD., STE 225
COLUMBUS, OHIO 43215

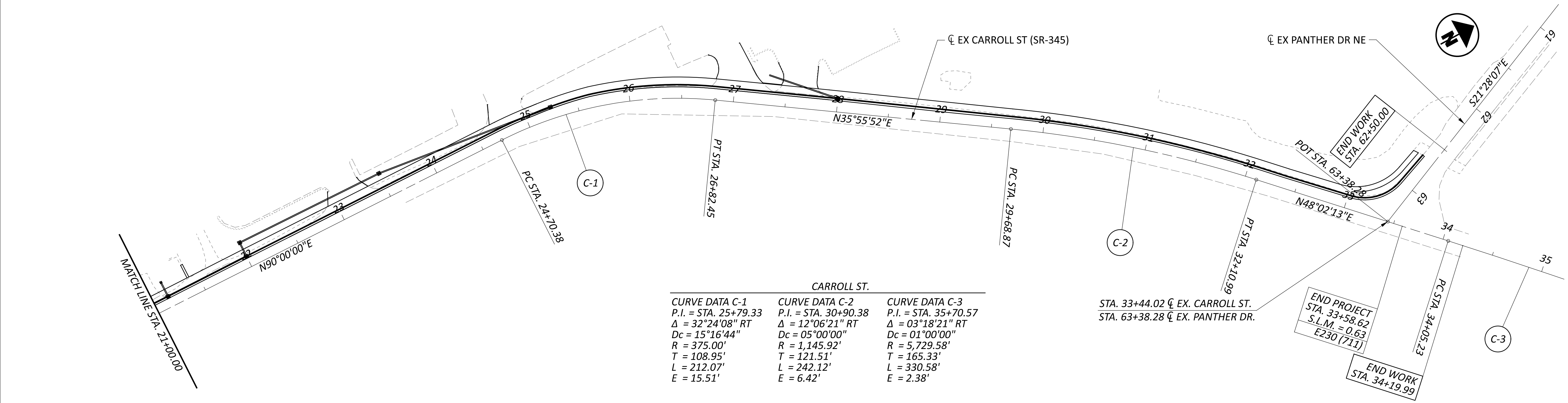
DESIGNER	
JRC	
REVIEWER	
SW 10/17/25	
PROJECT ID	
119739	
SHEET	TOTAL
P.01	92

PER-345-0.00/0.25

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 10/17/2025 TIME: 10:04:18 PM USER: msw/whitt
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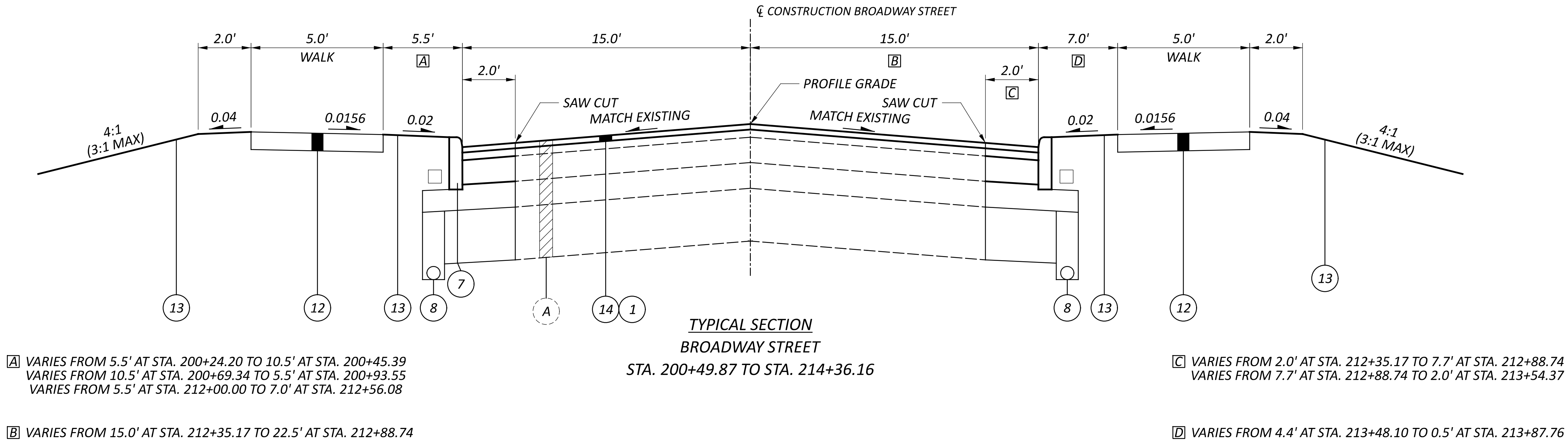
PRIMARY PROJECT CONTROL INFORMATION								
POINT NUMBER	STATION (C/L OF R/W)	OFFSET (C/L OF R/W)	SIDE	PROJECT COORDINATES (SEE SURVEY PARAMETERS)		ELEV. (NAVD88)	DESCRIPTION	
				NORTHING	EASTING			
MATCH LINE STA. 21+00.00	HORIZONTAL CONTROL							
	E. BROADWAY							
	201	201+87.64	18.25'	LT	626680.960'	2050274.426'	862.01'	5/8" Iron Pin Set w/ ID Cap stamped "STANTEC"
	200	207+08.51	20.32'	RT	626608.772'	2050791.708'	863.88'	5/8" Iron Pin Set w/ ID Cap stamped "STANTEC"
	BM2	207+16.31	23.19'	LT	626651.683'	2050802.299'	863.93'	3/8" Iron Pin Found w/Cap (no inscription)
	202	211+59.12	39.74'	RT	626560.232'	2051240.109'	865.96'	5/8" Iron Pin Set w/ ID Cap stamped "STANTEC"
	BM1	213+53.61	27.92'	LT	626615.158'	2051438.569'	865.96'	5/8" Iron Pin Found w/Cap (no inscription)
	CARROLL ST.							
	100	14+40.60	23.40'	RT	626585.389'	2051542.757'	875.29'	5/8" Iron Pin Set w/ ID Cap stamped "STANTEC"
	101	17+47.63	27.76'	RT	626891.572'	2051566.003'	869.73'	3/8" Iron Pin Set w/ ID Cap stamped "STANTEC"
	102	20+43.08	35.43'	RT	627185.988'	2051591.849'	870.89'	5/8" Iron Pin Set w/ ID Cap stamped "STANTEC"
	103	25+07.31	26.50'	RT	627647.119'	2051613.034'	878.20'	5/8" Iron Pin Set w/ ID Cap stamped "STANTEC"
	104	28+70.79	17.26'	RT	627953.996'	2051777.929'	882.28'	5/8" Iron Pin Set w/ ID Cap stamped "STANTEC"
	105	33+25.56	31.27'	LT	628323.043'	2052047.453'	887.46'	Iron Pin Found stamped "Knisely PS 7231"
	VERTICAL CONTROL							
	E. BROADWAY							
	BM3	200+69.22	32.69'	RT	626637.793'	2050152.928'	863.07'	Mag Nail set NE cor concrete pad
	CARROLL ST.							
2015	19+42.92	26.78'	RT	627086.543'	2051577.052'	870.89'	Railroad Spike in power pole	



CARROLL ST.		
CURVE DATA C-1	CURVE DATA C-2	CURVE DATA C-3
P.I. = STA. 25+79.33	P.I. = STA. 30+90.38	P.I. = STA. 35+70.57
Δ = 32°24'08" RT	Δ = 12°06'21" RT	Δ = 03°18'21" RT
Dc = 15°16'44"	Dc = 05°00'00"	Dc = 01°00'00"
R = 375.00'	R = 1,145.92'	R = 5,729.58'
T = 108.95'	T = 121.51'	T = 165.33'
L = 212.07'	L = 242.12'	L = 330.58'
E = 15.51'	E = 6.42'	E = 2.38'

LEGEND:

- 1 ITEM 441 - 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG70-22M
- 2 ITEM 441 - 1¾" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)
- 3 ITEM 613 - 6" LOW STRENGTH MORTAR BACKFILL
- 4 ITEM 304 - 6" AGGREGATE BASE
- 5 ITEM 407 - NON-TRACKING TACK COAT
- 6 ITEM 204 - PROOF ROLLING
- 7 ITEM 609 - CURB, TYPE 6
- 8 ITEM 605 - 4" BASE PIPE UNDERDRAIN
- 9 ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
- 10 ITEM 452 - 8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
- 11 ITEM 204 - SUBGRADE COMPACTION
- 12 ITEM 608 - 4" CONCRETE WALK
- 13 ITEM 659 - SEEDING AND MULCHING
- 14 ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (1.5" DEPTH)
- A EXISTING ASPHALT PAVEMENT

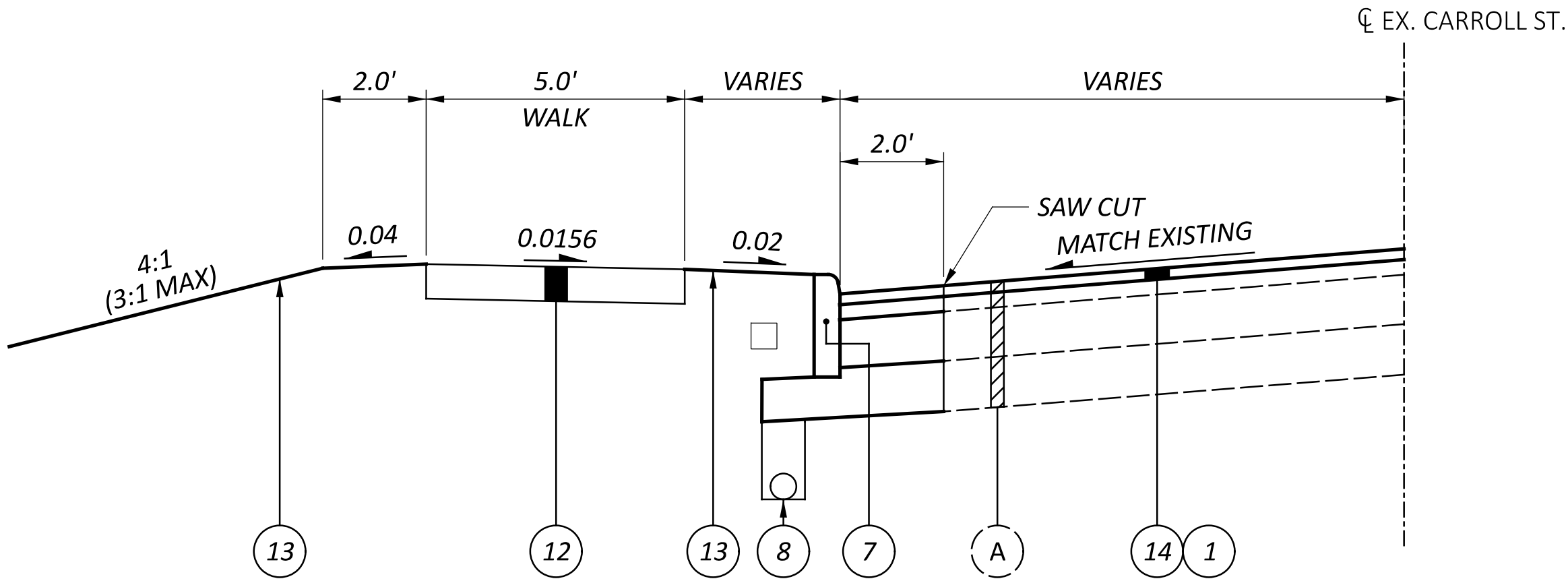


FOR PAVEMENT BUILDUP AND EDGE STEP DETAILS, SEE SHEET P.06

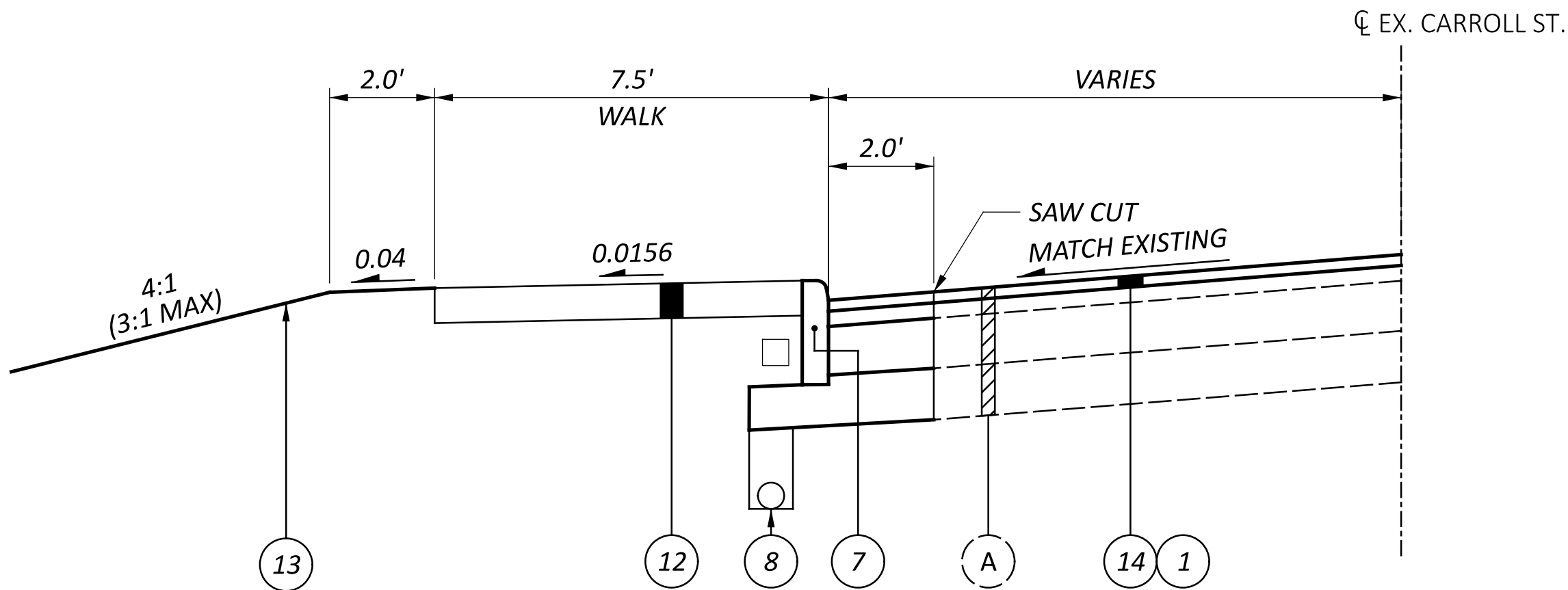


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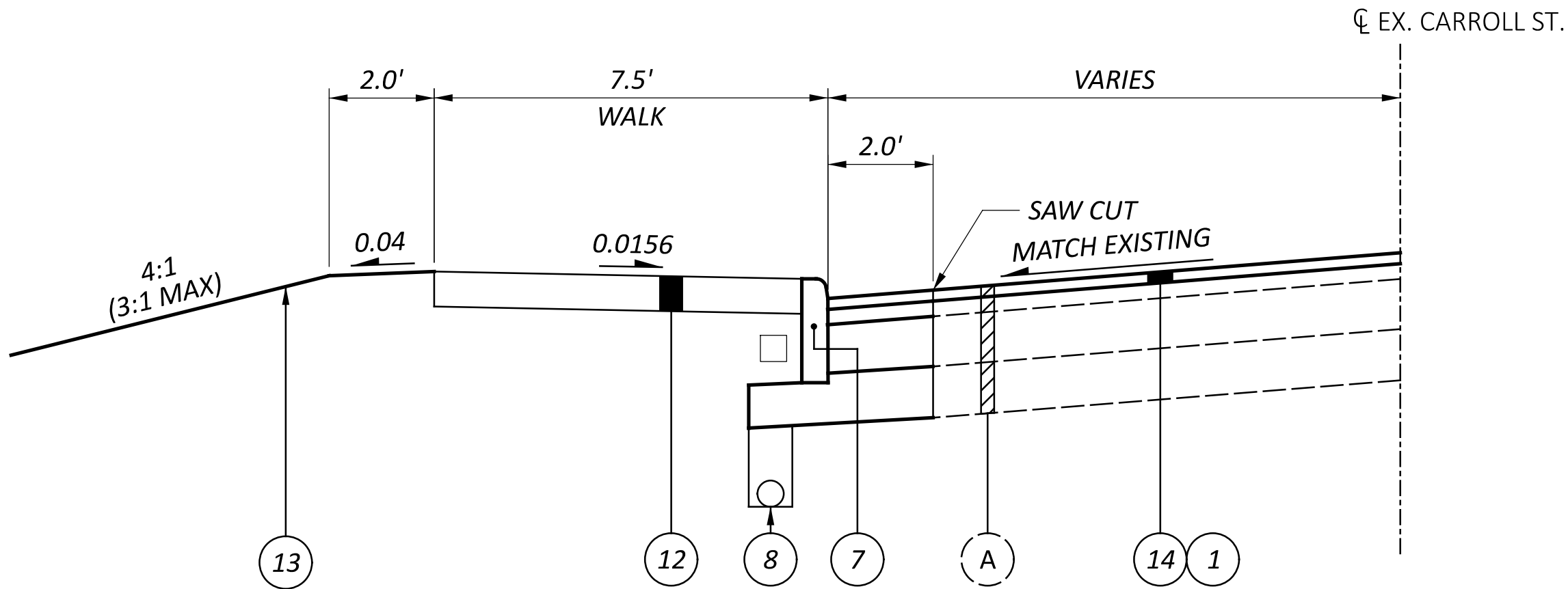
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- 6 ITEM 204 - PROOF ROLLING
- 7 ITEM 609 - CURB, TYPE 6
- 8 ITEM 605 - 4" BASE PIPE UNDERDRAIN
- 9 ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
- 10 ITEM 452 - 8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
- 11 ITEM 204 - SUBGRADE COMPACTION
- 12 ITEM 608 - 4" CONCRETE WALK
- 13 ITEM 659 - SEEDING AND MULCHING
- 14 ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (1.5" DEPTH)
- A EXISTING ASPHALT PAVEMENT



TYPICAL SECTION
SIDEWALK BEHIND CURB W/ BUFFER



TYPICAL SECTION
SIDEWALK BEHIND CURB



TYPICAL SECTION
SIDEWALK BEHIND CURB

FOR PAVEMENT BUILDUP AND EDGE STEP DETAILS, SEE SHEET P.06

TYPICAL SECTIONS

DESIGN AGENCY	
TRANSYSTEMS 400 W. NATIONWIDE BLVD., STE 225 COLUMBUS, OHIO 43215	
DESIGNER	
JRC	
REVIEWER	
MSW 10/17/25	
PROJECT ID	
119739	
SHEET	TOTAL
P.04	92

LEGEND:

- 1
- ITEM 441 - 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG70-22M

2

3

4

5

6

7

8

9

10

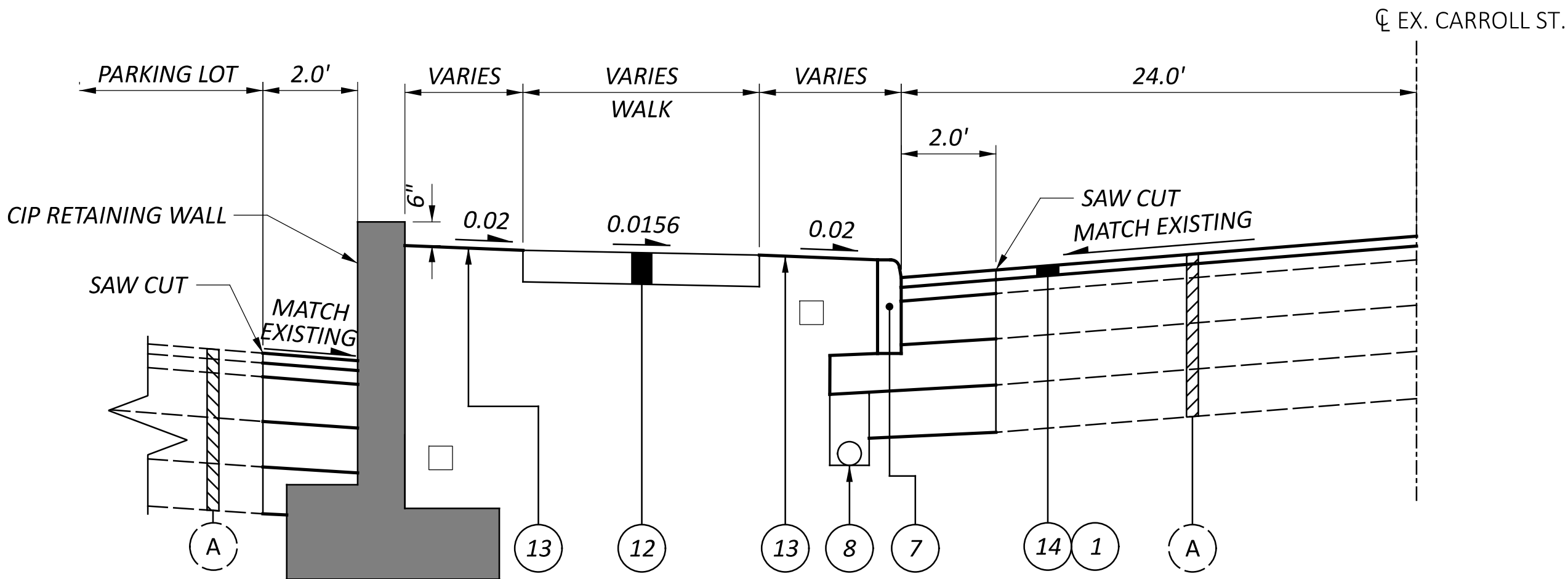
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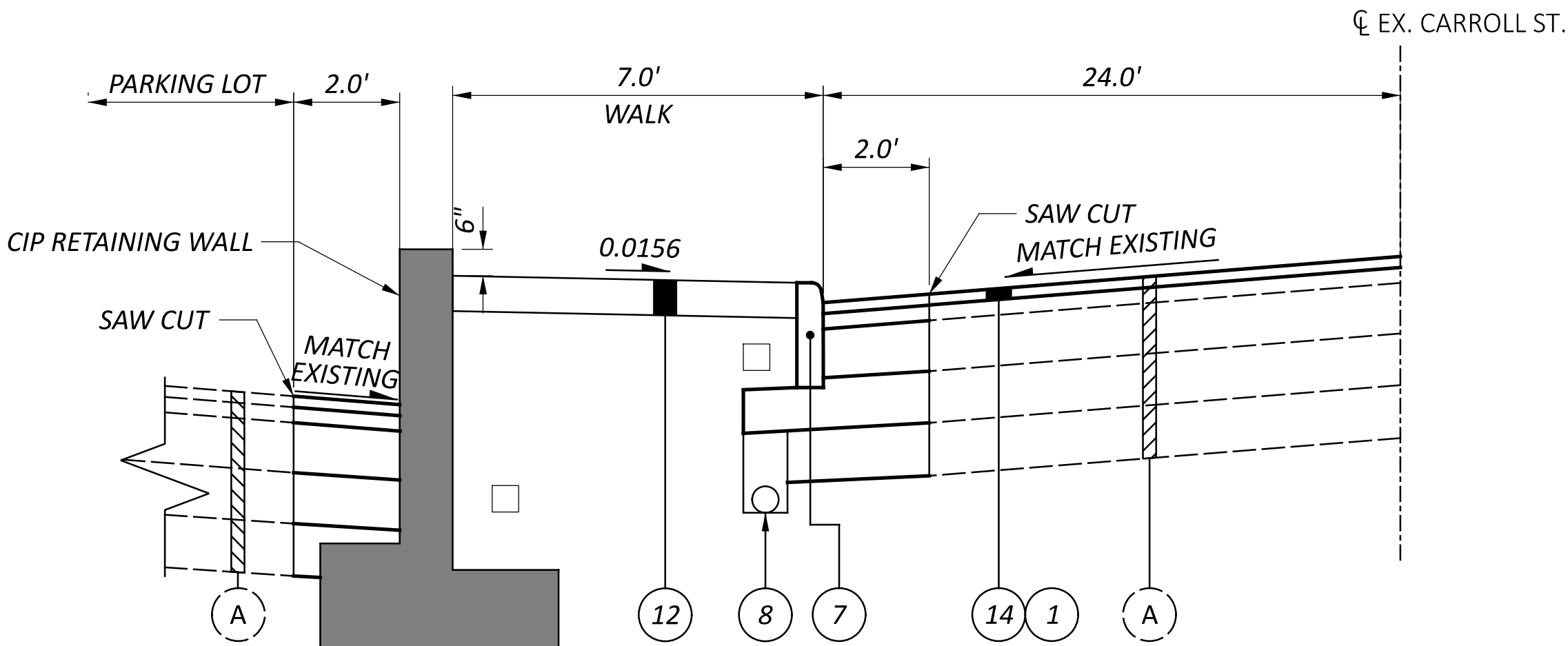
13

14

A



TYPICAL SECTION
SIDEWALK BEHIND CURB W/
PARKING LOT WALL & BUFFERS



TYPICAL SECTION
SIDEWALK BEHIND CURB
W/ PARKING LOT WALL

FOR RETAINING WALL DETAILS, SEE SHEETS P.73 - P.74

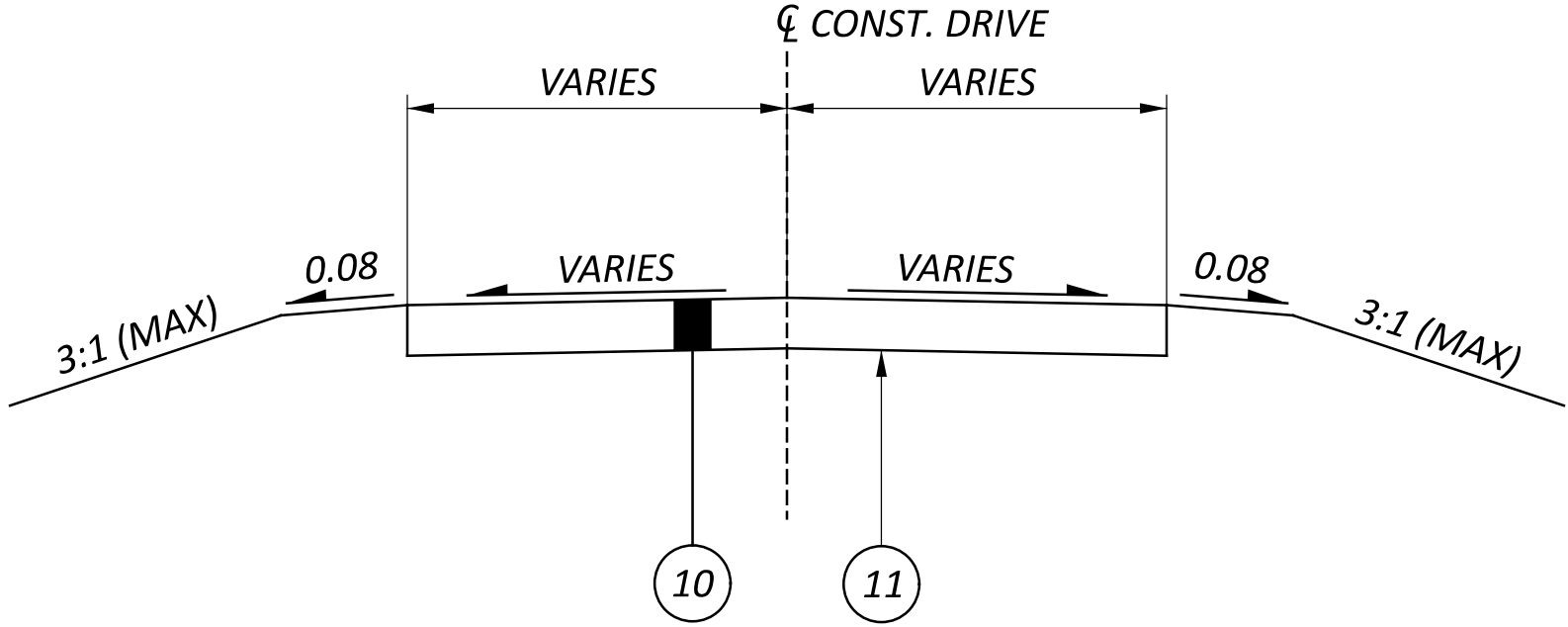
FOR PAVEMENT BUILDUP AND EDGE STEP DETAILS, SEE SHEET P.06

TYPICAL SECTIONS

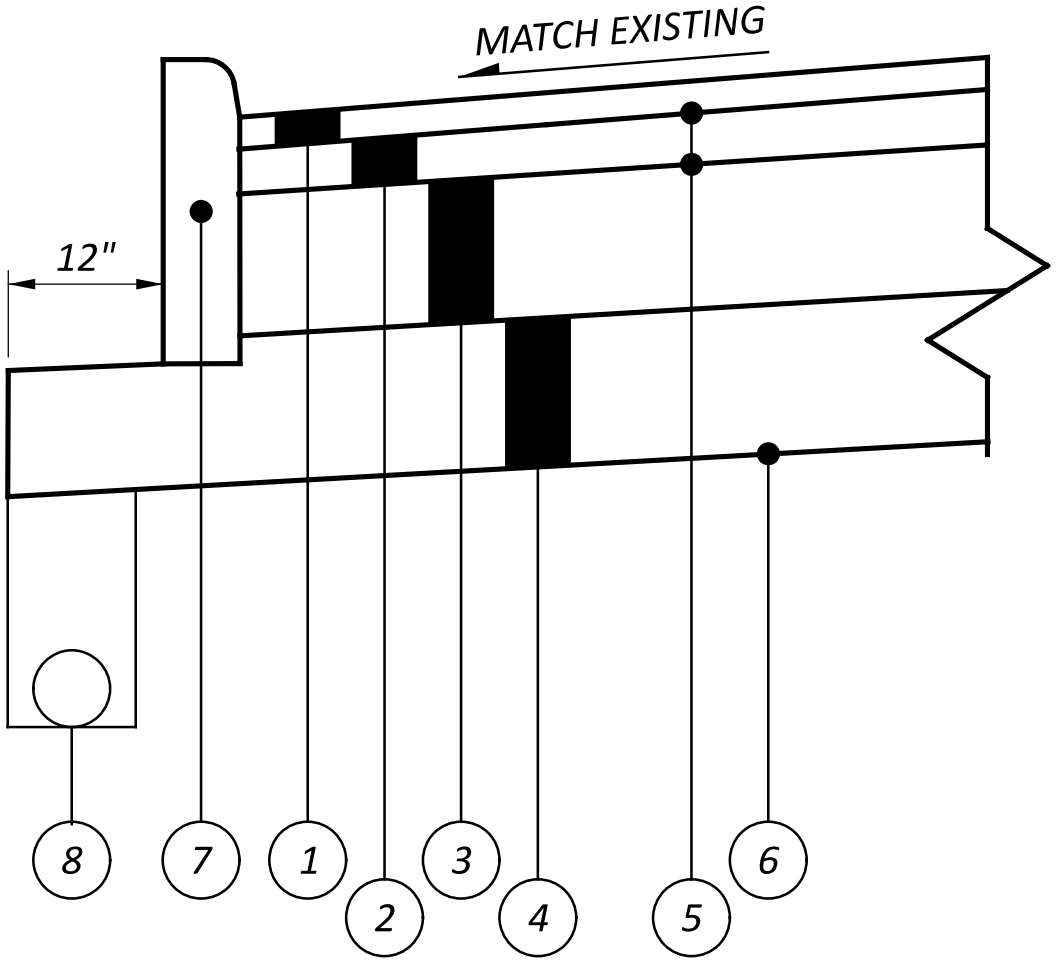
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DESIGNER	
JRC	
REVIEWER	
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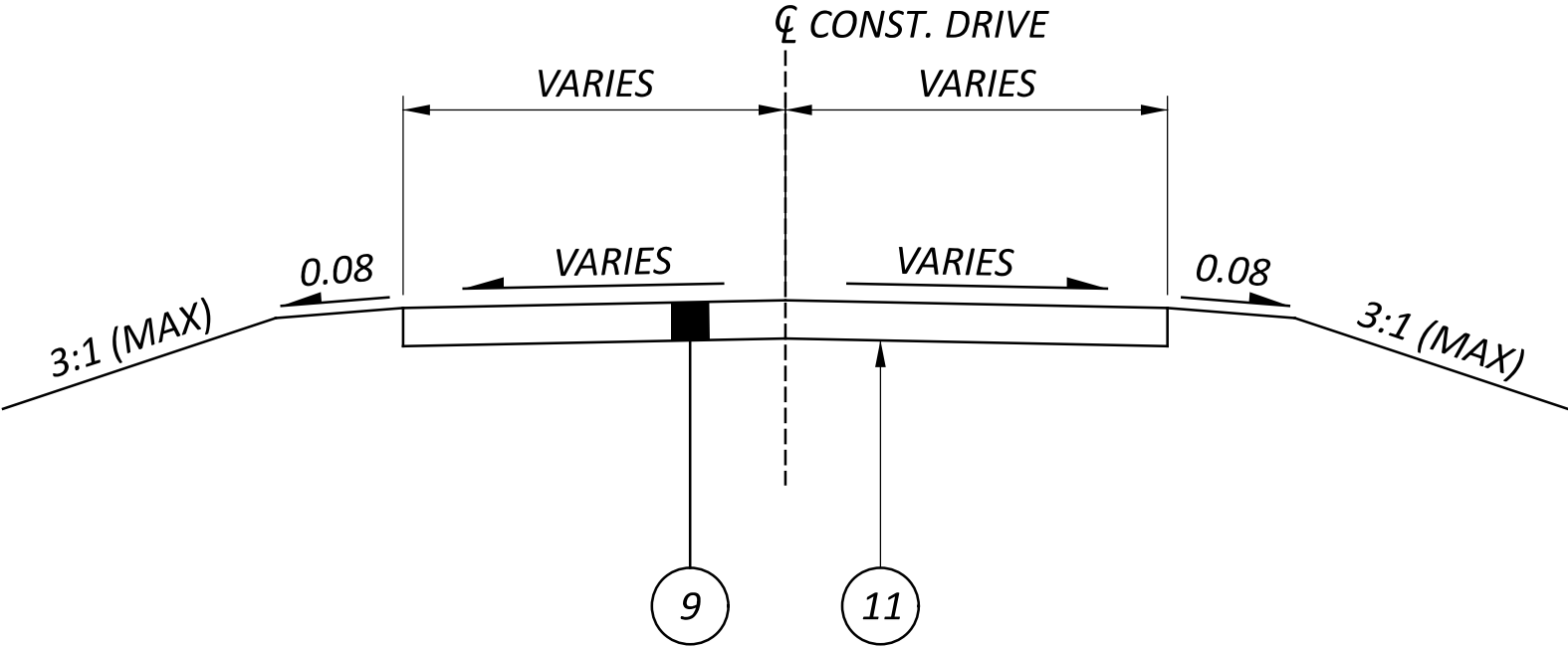
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- 10 ITEM 452 - 8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P
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- 12 ITEM 608 - 4" CONCRETE WALK
- 13 ITEM 659 - SEEDING AND MULCHING
- 14 ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (1.5" DEPTH)
- A EXISTING ASPHALT PAVEMENT



TYPICAL COMMERCIAL CONCRETE DRIVEWAY



PROPOSED PAVEMENT BUILDUP AND EDGE STEP DETAILS



TYPICAL RESIDENTIAL CONCRETE DRIVEWAY

TYPICAL SECTIONS

DESIGN AGENCY	
TRANSYSTEMS 400 W. NATIONWIDE BLVD., STE 226 COLUMBUS, OHIO 43215	
DESIGNER	
JRC	
REVIEWER	
MSW 10/17/25	
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UTILITIES

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

ELECTRIC
AEP OHIO
9135 STATE ROUTE 682
ATHENS, OH 45701
(800)-672-2231

GAS
FORAKER GAS COMPANY
420 S STATE ST.
NEW LEXINGTON, OH 43764
(740)-342-2882

COLUMBIA GAS OF OHIO
290 W. NATIONWIDE BLVD.
COLUMBUS, OH 43215
(800)-344-4077

UNDERGROUND UTILITY LOCATIONS ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY. THEIR LOCATION AS MARKED ON THE GROUND BY THE UTILITY COMPANY OR THEIR REPRESENTATIVES PER THE FOLLOWING OHIO811 CONFIRMATION NUMBER(S): A522700987-00A DATED: 08/15/2025 WERE SURVEYED AND MAPPED AS A PART OF THIS PROJECT. OHIO811 UTILITY DAMAGE PREVENTION LAWS WERE FOLLOWED AND THERE IS NO DIRECT KNOWLEDGE OR CONTROL OF HOW THESE MARKS WERE PLACED, NOR KNOWLEDGE OF THE ACCURACY AS TO THEIR INTENDED DEPICTION OF SUBSURFACE UTILITY FACILITIES.

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.

ROUNDING

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

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.

ROUTINE MAINTENANCE

BETWEEN THE TIME THAT BIDS ARE TAKEN AND THE START OF CONSTRUCTION, THE MAINTAINING AGENCY MAY ENTER UPON THE PROJECT AND PERFORM ROUTINE MAINTENANCE SUCH AS CRACK SEALING, PATCHING, AND BERM AND SHOULDER REPAIR. THE EFFECTS, IF ANY, OF THE PERFORMANCE OF ROUTINE MAINTENANCE SHALL BE CONSIDERED AS INHERENT IN WORK OF THE CHARACTER PROVIDED FOR IN THE PLAN AND THE RESULTING CONDITIONS SHALL NOT BE CONSIDERED AS DIFFERING MATERIALLY FROM THOSE EXISTING AT THE TIME BIDS WERE TAKEN.

SEEDING AND MULCHING

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

659, SOIL ANALYSIS TEST	_ EACH
659, TOPSOIL	_ CU. YD.
659, SEEDING AND MULCHING	_ SQ. YD.
659, REPAIR SEEDING AND MULCHING	_ SQ. YD.
659, INTER-SEEDING	_ SQ. YD.
659, COMMERCIAL FERTILIZER	_ TON
659, LIME	_ ACRES
659, WATER	_ M. GAL.
659, MOWING	_ M. SQ.FT.

SEEDING AND MULCHING SHALL BE APPLIED 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.

SURVEYING PARAMETERS - OHIO COUNTY COORDINATE SYSTEM (OCCS)

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS. SEE SHEET P.02 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:	ODOT REAL TIME NETWORK (2011), AND DIFFERENTIAL LEVELING
MONUMENT TYPE: TYPE B	
VERTICAL POSITIONING	
ORTHOMETRIC HEIGHT DATUM:	NAVD 88
GEOID:	18 (CONUS)
HORIZONTAL POSITIONING	
REFERENCE FRAME:	NAD83 (2011 ADJ, 2010.0)
ELLIPSOID:	GRS 80
COORDINATE SYSTEM:	OHIO STATE PLANE, SOUTH ZONE (3402)
MAP PROJECTION:	LAMBERT CONFORMAL CONIC
CENTRAL LATITUDE:	N 38°00'00"
CENTRAL LONGITUDE:	W -82°30'00"
FALSE NORTHING:	0 METERS
FALSE EASTING:	60,000 METERS
PROJECTION SCALE FACTOR:	0.9996269977

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 CMS 623.

UNITS ARE IN U.S. SURVEY FEET.

TREE REMOVAL

ANY TREES MARKED FOR REMOVAL WILL BE CLEARED BY THE VILLAGE OF NEW LEXINGTON PRIOR TO CONSTRUCTION.

REVIEW OF DRAINAGE FACILITES

PRIOR TO THE START OF WORK AND AGAIN BEFORE FINAL ACCEPTANCE, PERFORM AN INSPECTION WITH REPRESENTATIVES OF THE DEPARTMENT, CONTRACTOR AND LOCALS OF ALL EXISTING DRAINAGE FACILITIES THAT ARE TO REMAIN IN SERVICE WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCES IS DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTION ARE MAINTAINED BY THE DEPARTMENT.

CONFIRM ALL EXISTING SEWERS INSPECTED INITIALLY BY THE ABOVE-MENTIONED PARTIES ARE MAINTAINED AND LEFT IN A CONDITION COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. THE CONTRACTOR IS RESPONSIBLE TO CORRECT ANY CHANGE IN THE CONDITION RESULTING FROM THEIR OPERATIONS AS DIRECTED AND APPROVED BY THE ENGINEER.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE IS INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEMS.

CONSTRUCTION NOISE

ACTIVITIES AND LAND USE ADJACENT TO THIS PROJECT MAY BE AFFECTED BY CONSTRUCTION NOISE. IN ORDER TO MINIMIZE ANY ADVERSE CONSTRUCTION NOISE IMPACTS, DO NOT OPERATE POWER-OPERATED CONSTRUCTION-TYPE DEVICES BETWEEN THE HOURS OF ____ AND _____. IN ADDITION, DO NOT OPERATE AT ANY TIME ANY DEVICE IN SUCH A MANNER THAT THE NOISE CREATED SUBSTANTIALLY EXCEEDS THE NOISE CUSTOMARILY AND NECESSARILY ATTENDANT TO THE REASONABLE AND EFFICIENT PERFORMANCE OF SUCH EQUIPMENT.

CROSSINGS AND CONNECTIONS TO EXISTING PIPES AND UTILITIES

WHERE PLANS PROVIDE FOR A PROPOSED CONDUIT TO BE CONNECTED TO, OR CROSS OVER OR UNDER AN EXISTING SEWER OR UNDERGROUND UTILITY, LOCATE THE EXISTING PIPES OR UTILITIES BOTH AS TO LINE AND GRADE BEFORE STARTING TO LAY THE PROPOSED CONDUIT.

IF IT IS DETERMINED THAT THE ELEVATION OF THE EXISTING CONDUIT, OR EXISTING APPURTENANCE TO BE CONNECTED, DIFFERS FROM THE PLAN ELEVATION OR RESULTS IN A CHANGE IN THE PLAN CONDUIT SLOPE, NOTIFY THE ENGINEER BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WILL BE AFFECTED BY THE VARIANCE IN THE EXISTING ELEVATIONS.

IF IT IS DETERMINED THAT THE PROPOSED CONDUIT WILL INTERSECT AN EXISTING SEWER OR UNDERGROUND UTILITY IF CONSTRUCTED AS SHOWN ON THE PLAN, NOTIFY THE ENGINEER BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WOULD BE AFFECTED BY THE INTERFERENCE WITH AN EXISTING FACILITY.

PAYMENT FOR ALL THE OPERATIONS DESCRIBED ABOVE IS INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEM.

YARD DRAIN CONTINGENCY

YARD DRAINS HAVE BEEN INCLUDED IN THE PLANS WHERE NEEDED TO PREVENT WATER FROM BEING TRAPPED BEHIND THE SIDEWALK. YARD DRAINS WERE NOT INCLUDED WHERE THE ADDITION OF THE SIDEWALK WAS FOUND TO NOT INTERRUPT THE EXISTING NATURAL FLOW OF WATER AWAY FROM THE ROADWAY. INSPECTIONS SHOULD BE CARRIED OUT DURING AND AFTER CONSTRUCTION TO VERIFY THAT WATER IS NOT BEING TRAPPED IN UNEXPECTED LOCATIONS. TO PREVENT EROSION AND PONDING IN THESE UNEXPECTED LOCATIONS, ADDITIONAL YARD DRAINS AND CONNECTIONS MAY BE NECESSARY AND SHOULD BE ADDED, AS DIRECTED BY THE ENGINEER.

EXISTING SUBSURFACE DRAINAGE

PROVIDE UNOBSTRUCTED OUTLETS FOR ALL EXISTING UNDERDRAINS OR AGGREGATE DRAINS ENCOUNTERED DURING CONSTRUCTION.

PROVIDE AN OUTLET PER STANDARD CONSTRUCTION DRAWING DM-1.1 FOR ALL UNDERDRAINS THAT OUTLET TO A SLOPE. UNDERDRAINS THAT CAN BE CONNECTED TO THE NEW OR EXISTING UNDERDRAINS AT THE END OF THE PROJECT LIMITS AS WELL AS ALL NECESSARY BENDS OR BRANCHES REQUIRED FOR CONNECTION ARE INCLUDED IN THE BASIS OF PAYMENT FOR UNCLASSIFIED PIPE UNDERDRAINS.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE WORK NOTED ABOVE:

ITEM 601, TIED CONCRETE BLOCK MAT, TYPE 1	_ SQ.YD.
ITEM 605, AGGREGATE DRAINS	_ FT.
ITEM 611, _" CONDUIT, TYPE F	_ FT.
ITEM 611, PRECAST REINFORCED CONCRETE OUTLET	_ EACH
ITEM 605, _" UNCLASSIFIED PIPE UNDERDRAINS	_ FT.

POST CONSTRUCTION STORM WATER TREATMENT

THIS PLAN UTILIZES STRUCTURAL BEST MANAGEMENT PRACTICES (BMP'S) FOR POST CONSTRUCTION STORM WATER TREATMENT.

VEGETATED FILTER STRIP

THIS PLAN UTILIZES VEGETATED FILTER STRIP(S) FOR POST CONSTRUCTION STORM WATER TREATMENT. PLACE EITHER ITEM 660 SODDING OR ITEM 659 SEEDING AND MULCHING WITH A 4-INCH LIFT OF TOPSOIL AND ITEM 670, SLOPE EROSION PROTECTION TO ALL DISTURBED AREAS DESIGNATED AS VEGETATED FILTER STRIPS, THE EDGE OF SHOULDER, AND THE FORESLOPE AS SPECIFIED IN THE PLANS.

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.

CONSTRICT 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. EXCEPT AS INDICATED ON SHEET ____, USE OF THESE AREAS FOR DISPOSAL OF WASTE MATERIAL AND CONSTRUCTION DEBRIS, EXCAVATION OF BORROW MATERIAL AND PLACEMENT OF PORTABLE PLANTS IS PROHIBITED. 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.

ITEM 611 - CATCH BASIN, ADJUSTED TO GRADE, AS PER PLAN

EXISTING CATCH BASIN BOTTOM TO BE ADJUSTED TO ACCOUNT FOR LOWER PROPOSED INVERTS.

ITEM 614 MAINTAINING TRAFFIC

MAINTAIN A MINIMUM OF ONE LANE OF TRAFFIC IN EACH DIRECTION AT ALL TIMES, EXCEPT ONE LANE OF TWO-WAY TRAFFIC MAY BE MAINTAINED IN ACCORDANCE WITH THE LANE VALUE CONTRACT TABLE, BY USE OF THE EXISTING PAVEMENT, THE COMPLETED PAVEMENT, ITEM 615 PAVEMENT FOR MAINTAINING TRAFFIC, AND ITEM 615 ROADS FOR MAINTAINING TRAFFIC.

NO WORK SHALL BE PERFORMED AND ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING DESIGNATED HOLIDAYS OR EVENTS:

CHRISTMAS (OBSERVED)	FOURTH OF JULY
NEW YEARS (OBSERVED)	LABOR DAY
MEMORIAL DAY	THANKSGIVING
	GENERAL ELECTION DAY
	(NOVEMBER)

THE PERIOD OF TIME THAT THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR EVENT FALLS. THE FOLLOWING SCHEDULE SHALL BE USED TO DETERMINE THIS PERIOD:

DAY OF HOLIDAY OR EVENT	TIME ALL LANES MUST BE OPEN TO TRAFFIC
SUNDAY	12:00N FRIDAY THROUGH 6:00 AM MONDAY
MONDAY	12:00N FRIDAY THROUGH 6:00 AM TUESDAY
TUESDAY	12:00N MONDAY THROUGH 6:00 AM WEDNESDAY
TUESDAY (ELECTION)	5:00 AM TUESDAY THROUGH 12:00 AM WEDNESDAY
WEDNESDAY	12:00N TUESDAY THROUGH 6:00 AM THURSDAY
THURSDAY	12:00N WEDNESDAY THROUGH 6:00 AM FRIDAY
THURSDAY (THANKSGIVING ONLY)	12:00N WEDNESDAY THROUGH 6:00 AM MONDAY
FRIDAY	12:00N THURSDAY THROUGH 6:00 AM MONDAY
SATURDAY	12:00N FRIDAY THROUGH 6:00 AM MONDAY

NO EXTENSIONS OF TIME SHALL BE GRANTED FOR DELAYS IN MATERIAL DELIVERIES, UNLESS SUCH DELAYS ARE INDUSTRY-WIDE, OR FOR LABOR STRIKES, UNLESS SUCH STRIKES ARE AREA-WIDE.

DURING THE SAME PERIODS, MAINTAIN PEDESTRIAN ACCESS IF PEDESTRIAN ACCESS WAS PRESENT PRIOR TO CONSTRUCTION.

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE IN THE AMOUNT OF \$100 FOR EACH MINUTE THE ABOVE DESCRIBED LANE CLOSURE RESTRICTIONS ARE VIOLATED.

LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH C&MS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES CURRENT EDITION WITH THE LATEST REVISIONS PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

WORKSITE TRAFFIC SUPERVISOR

SUBJECT TO APPROVAL OF THE ENGINEER, THE CONTRACTOR SHALL EMPLOY AND IDENTIFY (SOMEONE OTHER THAN THE SUPERINTENDENT) A PREQUALIFIED WORKSITE TRAFFIC SUPERVISOR (WTS) BEFORE STARTING WORK IN THE FIELD. THE WTS SHALL BE TRAINED IN ACCORDANCE WITH CMS 614.03, SHALL HAVE SUCCESSFULLY COMPLETED ODOT ADMINISTERED WTS TESTING (AND RE-TESTING WHEN APPLICABLE) AND BE LISTED ON THE ODOT PREQUALIFIED WTS ROSTER. PREQUALIFICATION EXPIRES EVERY 5 YEARS. RE-TESTING SHALL BE SUCCESSFULLY REPEATED EVERY 5 YEARS TO REMAIN PREQUALIFIED.

THE NAME OF THE PREQUALIFIED WTS AND RELATED 24-HOUR CONTACT INFORMATION SHALL BE PROVIDED TO THE ENGINEER AT THE PRECONSTRUCTION CONFERENCE. IF THE DESIGNATED WTS WILL NOT BE AVAILABLE FULL TIME (24/7), THE CONTRACTOR MAY DESIGNATE AN ALTERNATE (SECONDARY) WTS TO BE AVAILABLE WHEN THE PRIMARY IS OFF DUTY; HOWEVER, THE PRIMARY WTS SHALL REMAIN THE POINT OF CONTACT AT ALL TIMES. ANY ALTERNATE (SECONDARY) WTS IS SUBJECT TO THE SAME TRAINING, PREQUALIFICATION AND OTHER REQUIREMENTS OUTLINED WITHIN THIS PLAN NOTE. AT ALL TIMES THE ENGINEER, OR ENGINEER’S REPRESENTATIVES, MUST BE INFORMED OF WHO THE PRIMARY WTS (AND SECONDARY WTS, IF APPLICABLE) IS AT THE CURRENT TIME.

THE WTS POSITION HAS THE PRIMARY RESPONSIBILITY OF IMPLEMENTING THE TRAFFIC MANAGEMENT PLAN (TMP), MONITORING THE SAFETY AND MOBILITY OF THE ENTIRE WORK ZONE, AND CORRECTING TEMPORARY TRAFFIC CONTROL (TTC) DEFICIENCIES FOR THE ENTIRE WORK ZONE. THE WTS, AND ALTERNATE WTS WHEN ON DUTY, SHALL HAVE SUFFICIENT AUTHORITY TO EFFECTIVELY CARRY OUT THE IDENTIFIED WTS RESPONSIBILITIES AND DUTIES. THE DUTIES OF THE WTS ARE AS FOLLOWS:

- BE AVAILABLE ON A 24-HOUR PER DAY BASIS.
- BE ON SITE FOR ALL EMERGENCY TTC NEEDS WITHIN ONE HOUR OF NOTIFICATION BY POLICE OR PROJECT STAFF, AND EFFECT CORRECTIVE MEASURES IMMEDIATELY ON EXISTING WORK ZONE TTC DEVICES.
- ATTEND PRECONSTRUCTION MEETING AND ALL PROJECT MEETINGS WHERE TTC MANAGEMENT IS DISCUSSED.
- BE AVAILABLE ON SITE FOR OTHER MEETINGS OR DISCUSSIONS WITH THE ENGINEER UPON REQUEST.
- BE AWARE OF ALL EXISTING AND PROPOSED TTC OPERATIONS OF THE CONTRACTOR, SUBCONTRACTORS AND SUPPLIERS, AND ENSURE COORDINATION OCCURS BETWEEN THEM TO ELIMINATE CONFLICTING TEMPORARY AND/OR PERMANENT TRAFFIC CONTROL.
- COORDINATE PROJECT ACTIVITIES WITH ALL LAW ENFORCEMENT OFFICERS (LEOS). THE WTS SHALL ALSO BE THE MAIN CONTACT PERSON WITH THE LEOS WHILE LEOS ARE ON THE PROJECT.
- COORDINATE AND FACILITATE MEETINGS WITH ODOT PERSONNEL, LEOS AND OTHER APPLICABLE ENTITIES BEFORE EACH PLAN PHASE SWITCH TO DISCUSS THE WORK ZONE TTC FOR IMPLEMENTING THE PHASE SWITCH. SUBMIT A WRITTEN DETAIL OF MOT OPERATIONS AND SCHEDULE OF EVENTS TO IMPLEMENT THE SWITCH BETWEEN PHASE PLANS TO THE ENGINEER 5 CALENDAR DAYS PRIOR TO THIS MEETING.
- BE PRESENT, ON SITE FOR, AND INVOLVED WITH, EACH TTC SET UP/TAKE DOWN AND EACH PHASE CHANGE IN ACCORDANCE WITH CMS 614.03.

WORKSITE TRAFFIC SUPERVISOR (CONTINUED)

- ON A CONTINUAL BASIS ENSURE THAT THE TTC ZONE AND ALL RELATED DEVICES ARE INSTALLED, MAINTAINED AND REMOVED IN COMPLIANCE WITH THE CONTRACT DOCUMENTS.
- ON A CONTINUAL BASIS FACILITATE CORRECTIVE ACTION(S) NECESSARY TO BRING DEFICIENT TTC ZONES AND ALL RELATED DEVICES INTO COMPLIANCE WITH CONTRACT DOCUMENTS IN THE TIMEFRAME DETERMINED BY THE ENGINEER.
- INSPECT, EVALUATE, PROPOSE NECESSARY MODIFICATIONS TO, AND DOCUMENT THE EFFECTIVENESS OF, THE TTC DEVICES AND TRAFFIC OPERATIONS ON A DAILY BASIS (7 DAYS A WEEK). IN ADDITION, PERFORM ONE WEEKLY NIGHT INSPECTION OF THE WORK ZONE SETUP FOR DAYTIME WORK OPERATIONS; AND ONE DAYTIME INSPECTION PER WEEK FOR NIGHTTIME PROJECTS. THIS SHALL INCLUDE (BUT NOT BE LIMITED TO) DOCUMENTATION ON THE FOLLOWING PROJECT EVENTS:
 - INITIAL TTC SETUP (DAY AND NIGHT REVIEW).
 - DAILY TTC SETUP AND REMOVAL.
 - WHEN CONSTRUCTION STAGING CAUSES A CHANGE IN THE TTC SETUP.
 - CRASH OCCURRENCES WITHIN THE CONSTRUCTION AREA AND WITHIN THE INFLUENCE AREA(S) APPROACHING THE WORK ZONE.
 - REMOVAL OF TTC DEVICES AT THE END OF A PHASE OR PROJECT.
 - ALL OTHER EMERGENCY TTC NEEDS.
- COMPLETE THE DEPARTMENT APPROVED (CA-D-8) WITHIN GOFORMZ AFTER EACH INSPECTION AS REQUIRED IN # 11 AND SUBMIT IT TO THE ENGINEER BY THE END OF THE WORKDAY IN WHICH THE INSPECTION OCCURRED. THE CA-D-8 INCLUDES A CHECKLIST OF ALL TTC MAINTENANCE ITEMS TO BE REVIEWED. CONTACT GOFORMZ.HELP@DOT.OHIO.GOV TO OBTAIN A USER ACCOUNT. ANY DEFICIENCIES OBSERVED SHALL BE NOTED ON THE CA-D-8, ALONG WITH RECOMMENDED OR COMPLETED CORRECTIVE ACTIONS AND THE DATES BY WHICH SUCH CORRECTIONS WERE, OR WILL BE, COMPLETED. A COPY OF THE CURRENT CA-D-8 DOCUMENT CAN BE FOUND ON THE OFFICE OF CONSTRUCTION ADMINISTRATION’S INSPECTION FORMS WEBSITE.
- HAVE COPIES OF THE ODOT TEMPORARY TRAFFIC CONTROL MANUAL AND CONTRACT DOCUMENTS AVAILABLE AT ALL TIMES ON THE PROJECT.

THE DEPARTMENT WILL DEDUCT:

- THE PRORATED DAILY AMOUNT OF ITEM 614 MAINTAINING TRAFFIC FOR ANY DAY IN WHICH THE WTS FAILS TO PERFORM THE DUTIES SET FORTH ABOVE. THE PRORATED DAILY AMOUNT WILL BE EQUAL TO THE ORIGINAL BID AMOUNT FOR ITEM 614 MAINTAINING TRAFFIC DIVIDED BY THE DIFFERENCE BETWEEN THE ORIGINAL COMPLETION DATE AND THE FIRST DAY OF WORK, IN CALENDAR DAYS.
- 1% OF THE ORIGINAL BID AMOUNT FOR ITEM 614 MAINTAINING TRAFFIC FOR ANY DAY THAT A FAILURE TO PERFORM WTS DUTIES REOCCURS OR A TTC ISSUE IS IDENTIFIED IN THE FIELD AND IS NOT CORRECTED IN THE GIVEN TIMEFRAME PER THE ENGINEER. DEDUCTION B SHALL NOT APPLY TO SITUATIONS COVERED BY DEDUCTION C.
- 1% OF THE ORIGINAL BID AMOUNT FOR ITEM 614 MAINTAINING TRAFFIC FOR ANY DAY THAT A LANE OR RAMP IS BLOCKED (FULLY OR PARTIALLY) WITHOUT TTC, AS DETERMINED BY THE ENGINEER. THIS DEDUCTION SHALL BE IN ADDITION TO ANY OTHER DISINCENTIVES ESTABLISHED FOR UNAUTHORIZED LANE USE.

FOR DAYS IN WHICH MORE THAN ONE DEDUCTION LISTED ABOVE OCCUR, THE HIGHEST DEDUCTION AMOUNT WILL APPLY.

WORKSITE TRAFFIC SUPERVISOR (CONTINUED)

IF THREE OR MORE TOTAL DAYS RESULT IN ISSUES DESCRIBED IN DEDUCTION B OR C ABOVE, THE PRIMARY WTS (AND ANY ALTERNATE WTS, IF APPLICABLE) SHALL BE IMMEDIATELY REMOVED FROM THE WORK IN ACCORDANCE WITH C&MS 108.05. UPON REMOVAL THE ENGINEER SHALL NOTIFY ODOT CENTRAL OFFICE (WTSPREQUALIFICATION@DOT.OHIO.GOV) TO REGISTER A REMOVAL AT THE PROJECT LEVEL AGAINST THE STATEWIDE PREQUALIFICATION FOR THE PRIMARY WTS (AND ALTERNATE WTS, IF APPLICABLE). ACCUMULATION OF THREE PROJECT LEVEL REMOVALS (FROM ANY PROJECTS STATEWIDE) SHALL CAUSE STATEWIDE DISQUALIFICATION FOR ANY FORMERLY PREQUALIFIED WTS. A WTS (AND ALTERNATE WTS, IF APPLICABLE) MAY BE IMMEDIATELY AND CONCURRENTLY REMOVED FROM THE WORK AT THE PROJECT LEVEL IN ACCORDANCE WITH C&MS.

108.05 AND DISQUALIFIED STATEWIDE FROM THE ODOT PREQUALIFIED WTS ROSTER (REGARDLESS OF THE NUMBER OF PROJECT LEVEL REMOVALS), AS WELL AS BEING SUBJECT TO OTHER POTENTIAL CONSEQUENCES, IN CASES OF FALSIFIED, DISHONEST OR OTHERWISE UNETHICAL ACTIVITY OR DOCUMENTATION.

PAYMENT FOR THE ABOVE REQUIREMENTS, RESPONSIBILITIES AND DUTIES SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 614, MAINTAINING TRAFFIC.

MAINTENANCE OF TRAFFIC (DRIVEWAY)

ACCESS SHALL BE MAINTAINED TO ALL RESIDENTIAL AND COMMERCIAL PROPERTIES EXCEPT WHEN A DRIVEWAY MUST BE CLOSED FOR CONSTRUCTION. ALL RESIDENTS AND PROPERTY OWNERS SHALL BE PROVIDED WRITTEN NOTIFICATION BY THE CONTRACTOR A MINIMUM OF 24 HOURS PRIOR TO THE CLOSURE. THE NOTICE SHALL LIST THE TIME THE CLOSURE WILL BE EFFECT AND SHALL LIST 24-HOUR EMERGENCY PHONE NUMBERS OF THE CONTRACTOR RESPOSIBLE FOR THE CLOSURE. THE TIMES SHALL BE COORDINATED WITH EACH RESIDENT AND PROPERTY OWNER. INDIVIDUAL DRIVE CLOSURES SHALL BE KEPT TO THE MINIMUM TIME NEEDED FOR CONSTRUCTION ACTIVITIES. EVERY EFFORT MUST BE MADE TO ACCOMMODATE THE RESIDENT OR OWNER'S NEED FOR ACCESS. ACCESS MAY BE MAINTAINED WITH THE USE OF ASPHALT, AGGREGATE, OR STEEL PLATES.

WHERE A DRIVEWAY IS WIDE ENOUGH, THE CONTRACTOR SHALL CONSTRUCT THE DRIVEWAY PART-WITH WHILE MAINTAINING TWO-WAY TRAFFIC. WHERE A PROPERTY HAS MORE THAN ONE DRIVEWAY, DRIVES SHALL BE CONSTRUCTED ONE AT A TIME.

ALL LABOR AND MATERIALS REQUIRED FOR THE WORK DESCRIBED ABOVE SHALL BE CONSIDERED INCIDENTAL TO AND INCLUDED IN THE LUMP SUM BID PRICE FOR ITEM 614- MAINTAINING TRAFFIC.

DUST CONTROL

THE CONTRACTOR SHALL FURNISH AND APPLY WATER FOR DUST CONTROL AS DIRECTED BY THE ENGINEER. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED FOR DUST CONTROL PURPOSES:

ITEM 616, WATER ___ GAL.

TEMPORARY LIGHTING

INSTALL ALL PERMANENT LIGHTING PRIOR TO OPENING THE PROPOSED FACILITY TO TRAFFIC. IF THE PERMANENT LIGHTING IS NOT ABLE TO BE COMPLETED PRIOR TO OPENING, SUPPLY TEMPORARY LIGHTING MEETING THE PHOTOMETRIC PROPERTIES OF THE PERMANENT LIGHTING PLAN PRIOR TO OPENING THE FACILITY TO TRAFFIC. A MINIMUM OF 14 DAYS PRIOR TO THE INSTALLATION OF ANY SUCH TEMPORARY LIGHTING, SUPPLY A TEMPORARY LIGHTING PLAN TO THE ENGINEER FOR APPROVAL. THIS LIGHTING PLAN MUST ALSO BE APPROVED BY THE DISTRICT TRAFFIC ENGINEER. THE CONTRACTOR IS PROHIBITED FROM INSTALLING ANY SUCH TEMPORARY LIGHTING UNTIL THE TEMPORARY LIGHTING PLAN IS APPROVED BY THE PROJECT AND DISTRICT TRAFFIC ENGINEERS.

AT A MINIMUM, THE TEMPORARY LIGHTING SHALL PROVIDE AN AVERAGE INITIAL INTENSITY OF 0.8 FOOT-CANDLES WITH AN AVERAGE-TO-MINIMUM UNIFORMITY NOT TO EXCEED 3:1. THE MOUNTING HEIGHT OF TEMPORARY LUMINAIRES SHALL NOT BE LESS THAN 30 FEET AND THE MINIMUM OVERHEAD CONDUCTOR CLEARANCE SHALL BE 20 FEET. TEMPORARY OVERHEAD CONSTRUCTION SHALL NOT BE LESS THAN GRADE "B" FOR STRENGTH REQUIREMENTS AS DEFINED BY THE NATIONAL ELECTRIC SAFETY CODE. WOOD POLES WITH OVERHEAD WIRING MAY BE USED. HOWEVER, TEMPORARY LIGHTING SHALL MEET FEDERAL AND STATE SAFETY CRITERIA. IF BREAKAWAY POLES ARE USED TO MEET THESE CRITERIA, THEN UNDERGROUND WIRING SHALL BE USED. RECONDITIONED OR USED MATERIALS MAY BE FURNISHED FOR TEMPORARY LIGHTING. WHEN POSSIBLE, THE TEMPORARY LIGHTING SHALL UTILIZE A PERMANENT POWER SOURCE (i.e. A POWER DROP FROM AN EXISTING OR PROPOSED TRANSMISSION OR DISTRIBUTION ELECTRIC LINE) RATHER THAN A TEMPORARY SOURCE (i.e. PORTABLE GENERATORS). TEMPORARY SOURCES OF ELECTRICITY MAY ONLY BE USED WHEN NO PERMANENT SOURCES ARE AVAILABLE.

AFTER THE INSTALLATION, INSPECTION, AND ACCEPTANCE OF THE FINAL PERMANENT LIGHTING, AND WHEN THE TEMPORARY LIGHTING IS NO LONGER NEEDED, REMOVE AND PROPERLY DISPOSE OF THE TEMPORARY LIGHTING EQUIPMENT AND MATERIALS.

IN ACCORDANCE WITH C&MS 105, THE CONTRACTOR IS ALSO RESPONSIBLE FOR MAINTAINING EXISTING LIGHTING PRIOR TO CLOSURE OF THE PROJECT AREA TO TRAFFIC.

PAYMENT FOR THE ABOVE DETAILED TEMPORARY LIGHTING AND MAINTENANCE OF TRAFFIC TO INSTALL PERMANENT LIGHTING, IF NEEDED, WILL BE CONSIDERED INCIDENTAL TO THE LUMP SUM BID PRICE FOR MAINTENANCE OF TRAFFIC AND WILL INCLUDE ALL MATERIAL, EQUIPMENT, LABOR, AND OTHER INCIDENTALS NEEDED TO COMPLETE THE WORK.

TRENCH WIDENING

TRENCH EXCAVATION FOR BASE WIDENING SHALL BE ONLY ON ONE SIDE OF THE PAVEMENT AT A TIME. THE OPEN TRENCH SHALL BE ADEQUATELY MAINTAINED AND PROTECTED WITH DRUMS OR BARRICADES AT ALL TIMES. PLACEMENT OF PROPOSED SUBBASE AND BASE MATERIAL SHALL FOLLOW AS CLOSELY AS POSSIBLE BEHIND EXCAVATION OPERATIONS. THE LENGTH OF WIDENING TRENCH WHICH IS OPEN AT ANY ONE TIME SHALL BE HELD TO A MINIMUM AND SHALL AT ALL TIMES BE SUBJECT TO APPROVAL OF THE ENGINEER.

OVERNIGHT TRENCH CLOSING

THE BASE WIDENING SHALL BE COMPLETED TO A DEPTH OF NO MORE THAN 3 INCHES BELOW THE EXISTING PAVEMENT BY THE END OF EACH WORK DAY. NO TRENCH SHALL BE LEFT OPEN OVERNIGHT EXCEPT FOR A SHORT LENGTH (25 FEET OR LESS) OF A WORK SECTION AT THE END OF THE TRENCH. IN CASE WORK MUST BE SUSPENDED BECAUSE OF INCLEMENT WEATHER OR OTHER REASONS, THE TRENCH FOR THE UNCOMPLETED BASE WIDENING SHALL BE BACKFILLED AT THE DIRECTION OF THE ENGINEER.

FLOODLIGHTING

FLOODLIGHTING OF THE WORK SITE FOR OPERATIONS CONDUCTED DURING NIGHTTIME PERIODS SHALL BE ACCOMPLISHED SO THAT THE LIGHTS DO NOT CAUSE GLARE TO THE DRIVERS ON THE ROADWAY. TO ENSURE THE ADEQUACY OF THE FLOODLIGHT PLACEMENT, THE CONTRACTOR AND THE ENGINEER SHALL DRIVE THROUGH THE WORK SITE EACH NIGHT WHEN THE LIGHTING IS IN PLACE AND OPERATIVE PRIOR TO COMMENCING ANY WORK. IF GLARE IS DETECTED, THE LIGHT PLACEMENT AND SHIELDING SHALL BE ADJUSTED TO THE SATISFACTION OF THE ENGINEER BEFORE WORK PROCEEDS.

PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC.

ITEM 614 BUSINESS ENTRANCE (M4-H15) SIGN, AS PER PLAN

THE BUSINESS ENTRANCE (M4-H15) SIGN SHOULD BE PROVIDED AT EACH TEMPORARILY RELOCATED COMMERCIAL DRIVEWAY FOR WHICH THE RELOCATION IS NOT OBVIOUS TO THE MOTORIST. THE PROJECT ENGINEER SHALL DETERMINE WHETHER OR NOT THE DRIVEWAY RELOCATION IS, OR IS NOT, OBVIOUS AND WHETHER OR NOT A SIGN SHOULD BE PROVIDED. ONLY ONE SIGN PER BUSINESS SHALL BE PERMITTED. THE SIGN SHALL BE 36 INCH X 48 INCH IN SIZE WITH TYPE G OR TYPE H ORANGE RETROREFLECTIVE SHEETING. THE SIGN LEGEND SHALL BE PLACED ON BOTH SIDES OF THE SIGN (BACK TO BACK). THE SIGN SHALL HAVE THE STANDARD M4-H15 LEGEND WITH THE WORD “BUSINESS” ON THE TOP LINE, EXCEPT UNDER UNUSUAL CIRCUMSTANCES WHERE IT MAY NOT BE INTUITIVE THAT A DRIVEWAY SERVES A SPECIFIC BUSINESS. IN SUCH UNUSUAL CASES, THE ACTUAL BUSINESS NAME MAY BE SUBSTITUTED FOR THE WORD “BUSINESS”.

THE SIGN SHALL BE MOUNTED ON TWO #3 POSTS OR ON TEMPORARY POSTS IN ACCORDANCE WITH SCD MT105.10 AND IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION. THE SIGN SHALL BE CLEARLY VISIBLE AND SHALL CLEARLY IDENTIFY THE LOCATION OF THE DRIVEWAY. THE SIGN SHOULD BE POSITIONED AT 90° TO THE DIRECTION(S) OF TRAFFIC. THE SIGN MAY NEED TO BE MOVED FOR EACH PHASE OF THE MAINTENANCE OF TRAFFIC OPERATIONS.

PAYMENT FOR ALL COSTS ASSOCIATED WITH MANUFACTURING, MOUNTING, RELOCATING, AND REMOVING THE SIGN, INCLUDING ALL LABOR, MATERIALS AND EQUIPMENT SHALL BE INCLUDED IN THE CONTRACT PRICE PER EACH FOR ITEM 614-BUSINESS ENTRANCE SIGN.

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR THIS ITEM:

ITEM 614, BUSINESS ENTRANCE SIGN _____ EACH

PLACEMENT OF ASPHALT CONCRETE

TWO-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES EXCEPT THAT ONE-WAY TRAFFIC WILL BE PERMITTED FOR MINIMUM PERIODS OF TIME CONSISTENT WITH THE REQUIREMENTS OF THE SPECIFICATIONS FOR PROTECTION OF COMPLETED ASPHALT CONCRETE COURSES.

ITEM 614 LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE DURING CONSTRUCTION OPERATIONS

USE OF LAW ENFORCEMENT OFFICERS (LEOS) BY CONTRACTORS OTHER THAN THE USES SPECIFIED BELOW WILL NOT BE PERMITTED AT PROJECT COST. LEOS SHOULD NOT BE USED WHERE THE OMUTCD INTENDS THAT FLAGGERS BE USED.

IN ADDITION TO THE REQUIREMENTS OF C&MS 614 AND THE OMUTCD, A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR (CAR WITH TOP-MOUNTED EMERGENCY FLASHING LIGHTS AND COMPLETE MARKINGS OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHALL BE PROVIDED FOR THE FOLLOWING TRAFFIC CONTROL TASKS:

DURING THE ENTIRE ADVANCE PREPARATION AND CLOSURE SEQUENCE WHERE COMPLETE BLOCKAGE OF TRAFFIC IS REQUIRED.

DURING A TRAFFIC SIGNAL INSTALLATION WHEN IMPACTING THE NORMAL FUNCTION OF THE SIGNAL OR THE FLOW OF TRAFFIC, OR WHEN TRAFFIC NEEDS TO BE DIRECTED THROUGH AN ENERGIZED TRAFFIC SIGNAL CONTRARY TO THE SIGNAL DISPLAY (E.G., DIRECTING MOTORISTS THROUGH A RED LIGHT).

IN ADDITION TO THE REQUIREMENT OF C&MS 614 AND THE OMUTCD, A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR (CAR WITH TOP-MOUNTED EMERGENCY FLASHING LIGHTS AND COMPLETE MARKINGS OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHOULD BE PROVIDED FOR THE FOLLOWING TRAFFIC CONTROL TASKS AS APPROVED BY THE ENGINEER:

FOR LANE CLOSURES: DURING INITIAL SET-UP PERIODS, TEAR DOWN PERIODS, SUBSTANTIAL SHIFTS OF A CLOSURE POINT OR WHEN NEW LANE CLOSURE ARRANGEMENTS ARE INITIATED FOR LONG-TERM LANE CLOSURES/SHIFTS (FOR THE FIRST AND LAST DAY OF MAJOR CHANGES IN TRAFFIC CONTROL SETUP).

FOR OPERATIONS WITHOUT POSITIVE PROTECTION OCCURRING WITHIN 10 FEET OF AN OPEN TRAVELED LANE THAT MEET ALL OF THE FOLLOWING CRITERIA:

ON A MULTI-LANE DIVIDED INTERSTATE, OTHER FREEWAY OR EXPRESSWAY; AND

AN AUTHORIZED SPEED LIMIT OF 45 MPH OR GREATER THAT IS IN EFFECT AT THE TIME OF THE OPERATION; AND,

AADT OF 50,000 (OR AADT OF 30,000 WITH 25% OR HIGHER PERCENT TRUCKS)

“WITHOUT POSITIVE PROTECTION” MEANS USE OF DRUMS, CONES, SHADOW VEHICLE, ETC, WITHOUT PROTECTION FROM PORTABLE BARRIER OR OTHER RIGID BARRIER ALONG THE WORK AREA. THIS PHRASE DOES NOT APPLY TO CASES WHERE POSITIVE PROTECTION IS REQUIRED. MOBILE OPERATIONS ARE REGARDED AS “WITHOUT POSITIVE PROTECTION”. FOR WORK ZONES USING A COMBINATION OF BARRIER AND TEMPORARY TRAFFIC CONTROL DEVICES (CONES, DRUMS, ETC), THE DESIGNATION SHALL BE BASED UPON THE TYPE OF DEVICES USED IN THE AREA THAT WORKERS ARE LOCATED.

ITEM 614 LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE DURING CONSTRUCTION OPERATIONS (TEM 642-55) - CONTINUATION

IF MULTIPLE ACTIVE LOCALIZED QUALIFYING WORK AREAS OCCUR WITHOUT POSITIVE PROTECTION, PER MAINLINE TRAFFIC DIRECTION, PROVIDE A UNIFORMED LEO AND OFFICIAL PATROL CAR IN ADVANCE OF:

THE FIRST ACTIVE WORK AREA THAT DRIVERS WILL ENCOUNTER; OR

THE ACTIVE WORK AREA Laterally CLOSEst TO THE OPEN TRAVELED LANE; OR

OTHER LOCATION AS APPROVED BY THE ENGINEER.

THE UNIFORMED LEO AND OFFICIAL PATROL CAR MAY RELOCATE AMONG THE LISTED LOCATIONS AS APPROPRIATE AS THE OPERATIONS PROCEED IN THE LOCALIZED QUALIFYING WORK AREAS.

IN GENERAL, LEOS SHOULD BE POSITIONED IN ADVANCE OF AND ON THE SAME SIDE AS THE LANE RESTRICTION (OR AT THE POINT OF ROAD CLOSURE), AND TO MANUALLY CONTROL TRAFFIC MOVEMENTS THROUGH SIGNALIZED INTERSECTIONS IN WORK ZONES.

LEOS SHOULD NOT FORGO THEIR TRAFFIC CONTROL RESPONSIBILITIES TO APPREHEND MOTORISTS FOR ROUTINE TRAFFIC VIOLATIONS. HOWEVER, IF A MOTORIST’S ACTIONS ARE CONSIDERED TO BE RECKLESS, THEN PURSUIT OF THE MOTORIST IS APPROPRIATE.

THE LEOS WORK AT THE DIRECTION OF THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR SECURING THE SERVICES OF THE LEOS WITH THE APPROPRIATE AGENCIES AND COMMUNICATING THE INTENTIONS OF THE PLANS WITH RESPECT TO DUTIES OF THE LEOS. THE ENGINEER SHALL HAVE FINAL CONTROL OVER THE LEOS’ DUTIES AND PLACEMENT AND WILL RESOLVE ANY ISSUES THAT MAY ARISE BETWEEN THE TWO PARTIES.

ENSURE PROVIDED LEOS HAVE BEEN TRAINED APPROPRIATE TO THE JOB DECISIONS THEY ARE REQUIRED TO MAKE WHILE ON THE PROJECT, IN ACCORDANCE WITH C&MS 614.03.

THE LEO SHALL REPORT IN TO THE CONTRACTOR PRIOR TO THE START OF THE SHIFT, IN ORDER TO RECEIVE INSTRUCTIONS REGARDING SPECIFIC WORK ASSIGNMENTS DURING HIS/HER SHIFT. THE LEO IS EXPECTED TO STAY AT THE PROJECT SITE FOR THE ENTIRE DURATION OF HIS/HER SHIFT. THE LEO SHALL REPORT TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT. SHOULD IT BE NECESSARY TO LEAVE THE PROJECT SITE, THE LEO SHALL NOTIFY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE THE LEO WITH A TWO-WAY COMMUNICATION DEVICE THAT SHALL BE RETURNED TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT.

LEOS (WITH PATROL CAR) REQUIRED BY THE TRAFFIC MAINTENANCE TASKS ABOVE SHALL BE PAID FOR ON A UNIT PRICE (HOURLY) BASIS UNDER ITEM 614, LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE _____ HOURS

THE HOURS PAID SHALL INCLUDE ANY MINIMUM SHOW-UP TIME REQUIRED BY THE LAW ENFORCEMENT AGENCY INVOLVED.

ANY ADDITIONAL COSTS (ADMINISTRATIVE OR OTHERWISE) INCURRED BY THE CONTRACTOR TO OBTAIN THE SERVICES OF AN LEO ARE INCLUDED WITH THE BID UNIT PRICE FOR ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE.

DESIGN AGENCY	
TRANSYSTEMS 400 W. ANTONOWIDE BLVD., STE 225 COLUMBUS, OHIO 43215	
DESIGNER	ADL
REVIEWER	SS
PROJECT ID	119739
SHEET	TOTAL
P.09	92

MAINTENANCE OF TRAFFIC LEGEND

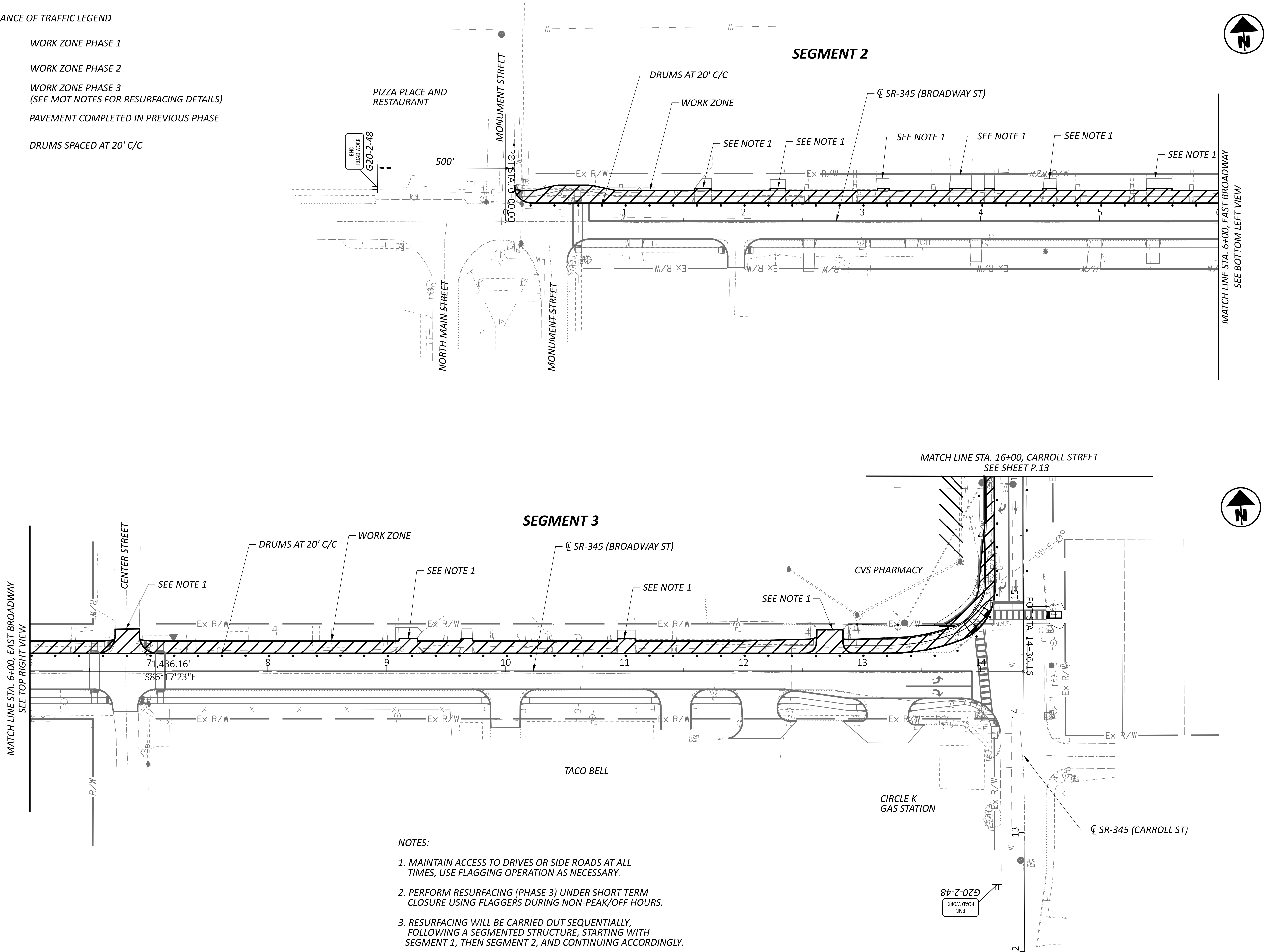
WORK ZONE PHASE 1

WORK ZONE PHASE 2

WORK ZONE PHASE 3
(SEE MOT NOTES FOR RESURFACING DETAILS)

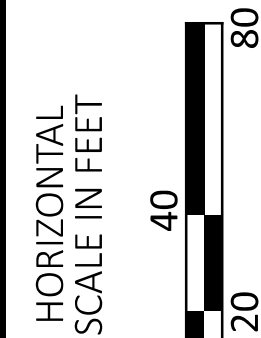
PAVEMENT COMPLETED IN PREVIOUS PHASE

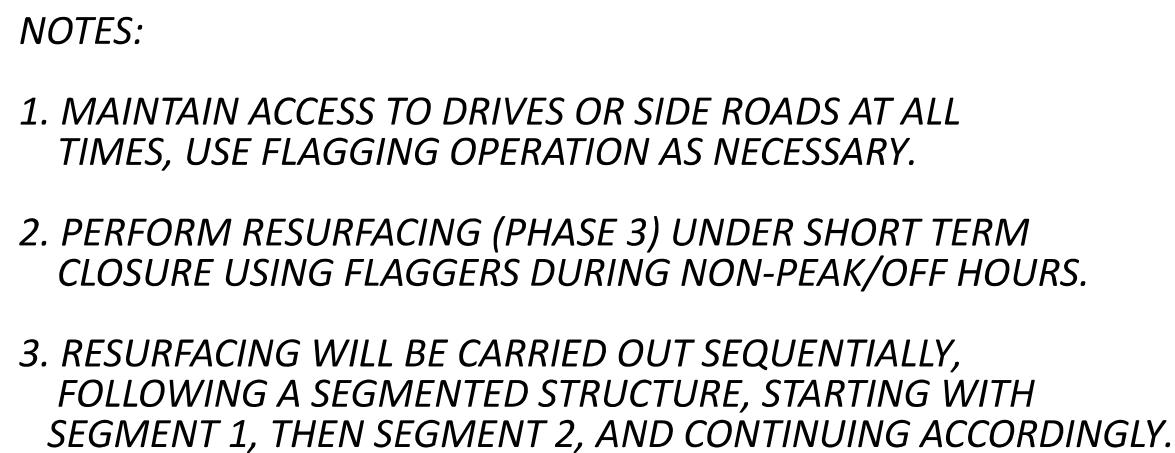
DRUMS SPACED AT 20' C/C



MAINTENANCE OF TRAFFIC PLAN - PHASE 1
SR-345/BROADWAY ST. (FROM MONUMENT ST. TO CARROLL ST.)

DESIGN AGENCY	
TRANSYSTEMS 400 W. NATIONWIDE BLVD., STE 225 COLUMBUS, OHIO 43215	
DESIGNER	ADL
REVIEWER	SS 09/24/25
PROJECT ID	119739
SHEET	TOTAL
P.12	92



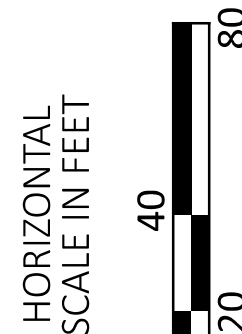


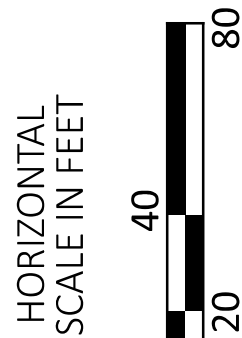
DESIGN AGENCY

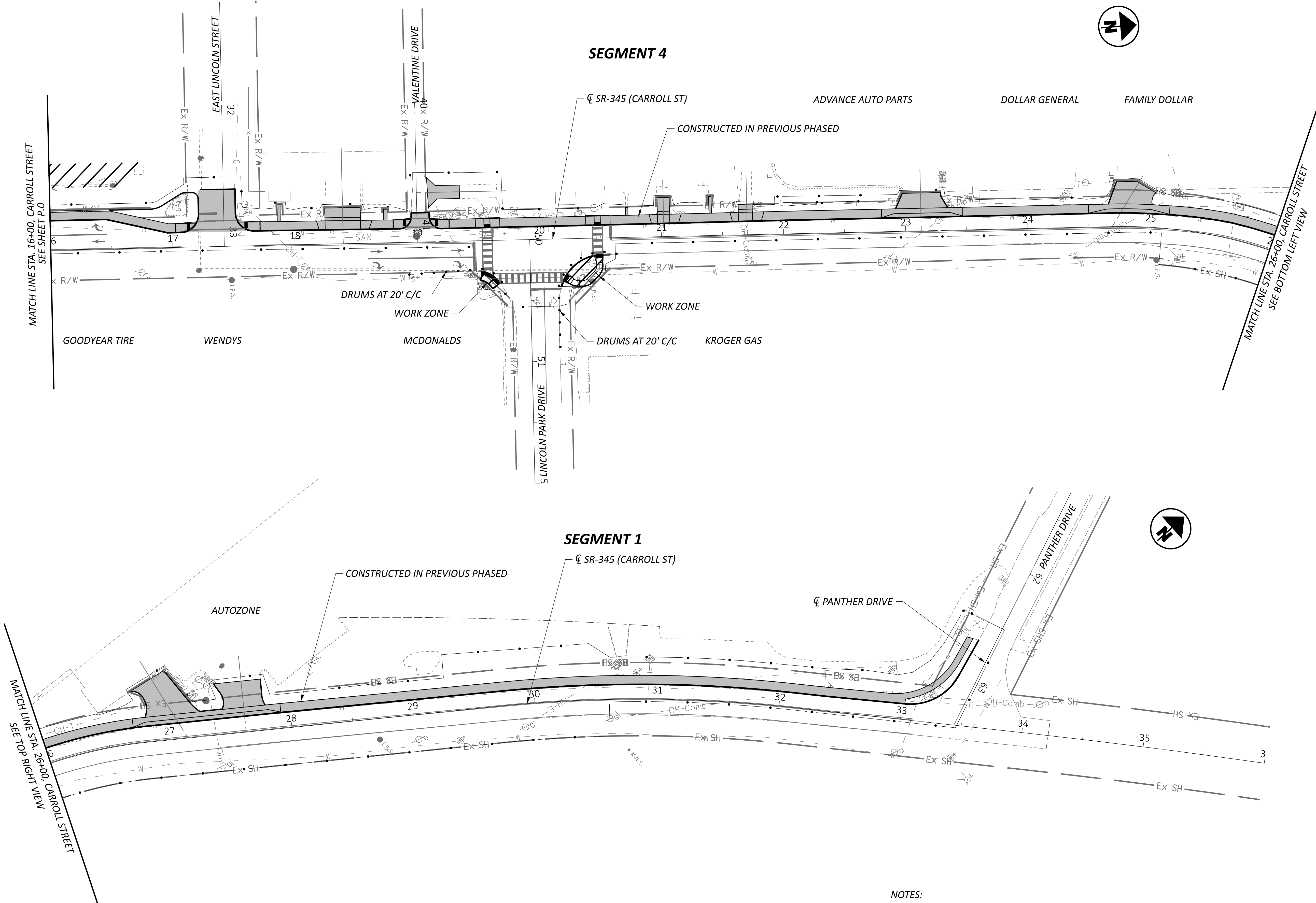
TRANSYSTEMS
100 W. NATIONWIDE BLVD., STE 225
COLUMBUS, OHIO 43215

DESIGNER	
ADL	
REVIEWER	
SS	09/24/25
PROJECT ID	
119739	
SHEET	TOTAL
P.13	92

MAINTENANCE OF TRAFFIC PLAN - PHASE 1
CARROLL ST. TO PANTHER DR.

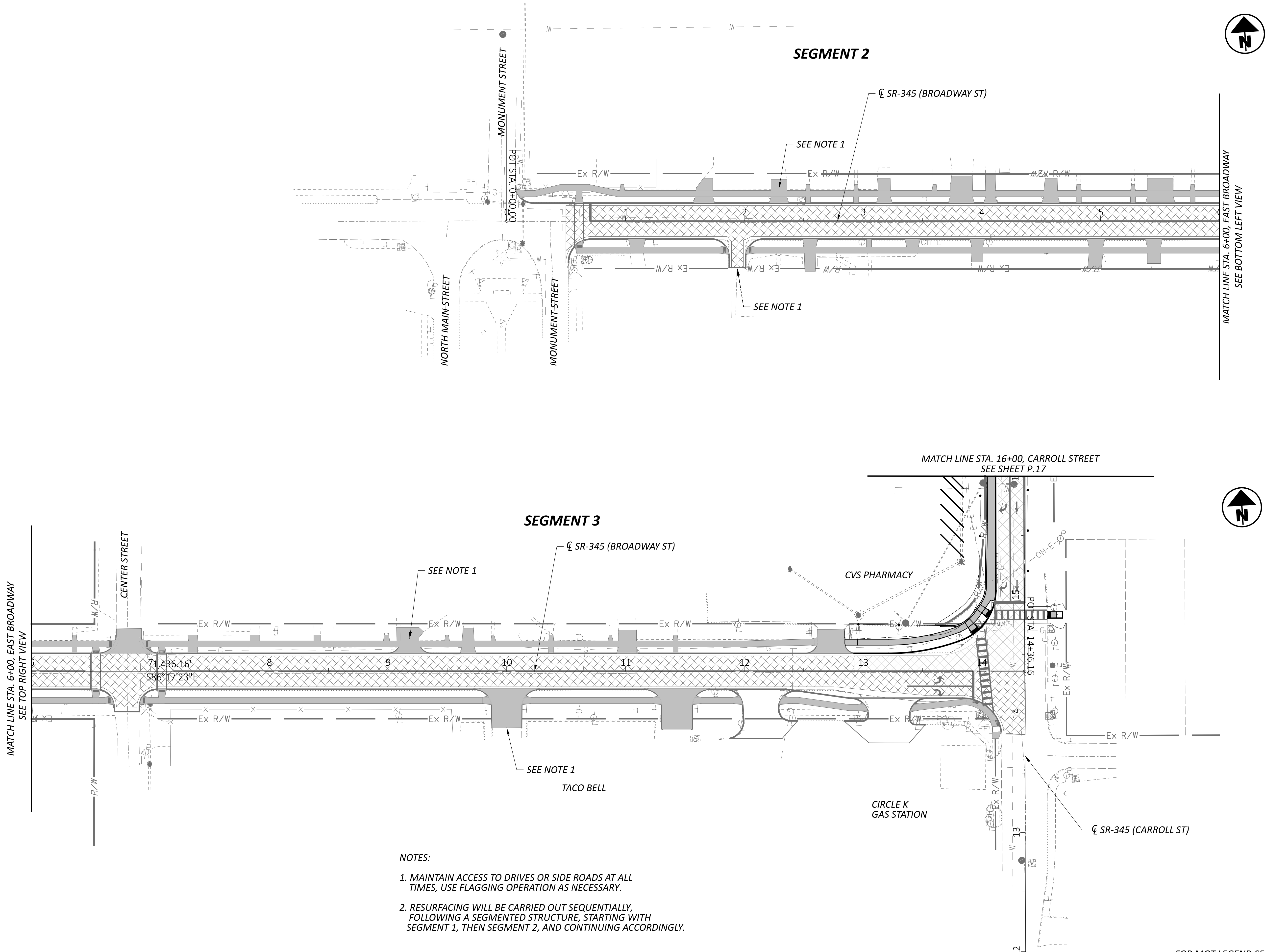






- NOTES:
1. MAINTAIN ACCESS TO DRIVES OR SIDE ROADS AT ALL TIMES, USE FLAGGING OPERATION AS NECESSARY.
 2. PERFORM RESURFACING (PHASE 3) UNDER SHORT TERM CLOSURE USING FLAGGERS DURING NON-PEAK/OFF HOURS.
 3. RESURFACING WILL BE CARRIED OUT SEQUENTIALLY, FOLLOWING A SEGMENTED STRUCTURE, STARTING WITH SEGMENT 1, THEN SEGMENT 2, AND CONTINUING ACCORDINGLY.

FOR MOT LEGEND SEE SHEET P.12



NOTES:

1. MAINTAIN ACCESS TO DRIVES OR SIDE ROADS AT ALL TIMES, USE FLAGGING OPERATION AS NECESSARY.
2. RESURFACING WILL BE CARRIED OUT SEQUENTIALLY, FOLLOWING A SEGMENTED STRUCTURE, STARTING WITH SEGMENT 1, THEN SEGMENT 2, AND CONTINUING ACCORDINGLY.

MAINTENANCE OF TRAFFIC PLAN - PHASE 3
SR-345/BROADWAY ST. (FROM MONUMENT ST. TO CARROLL ST.)

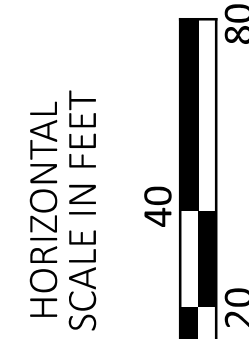
DESIGN AGENCY
TRANSYSTEMS
400 W. NATIONWIDE BLVD., STE 226
COLUMBUS, OHIO 43215

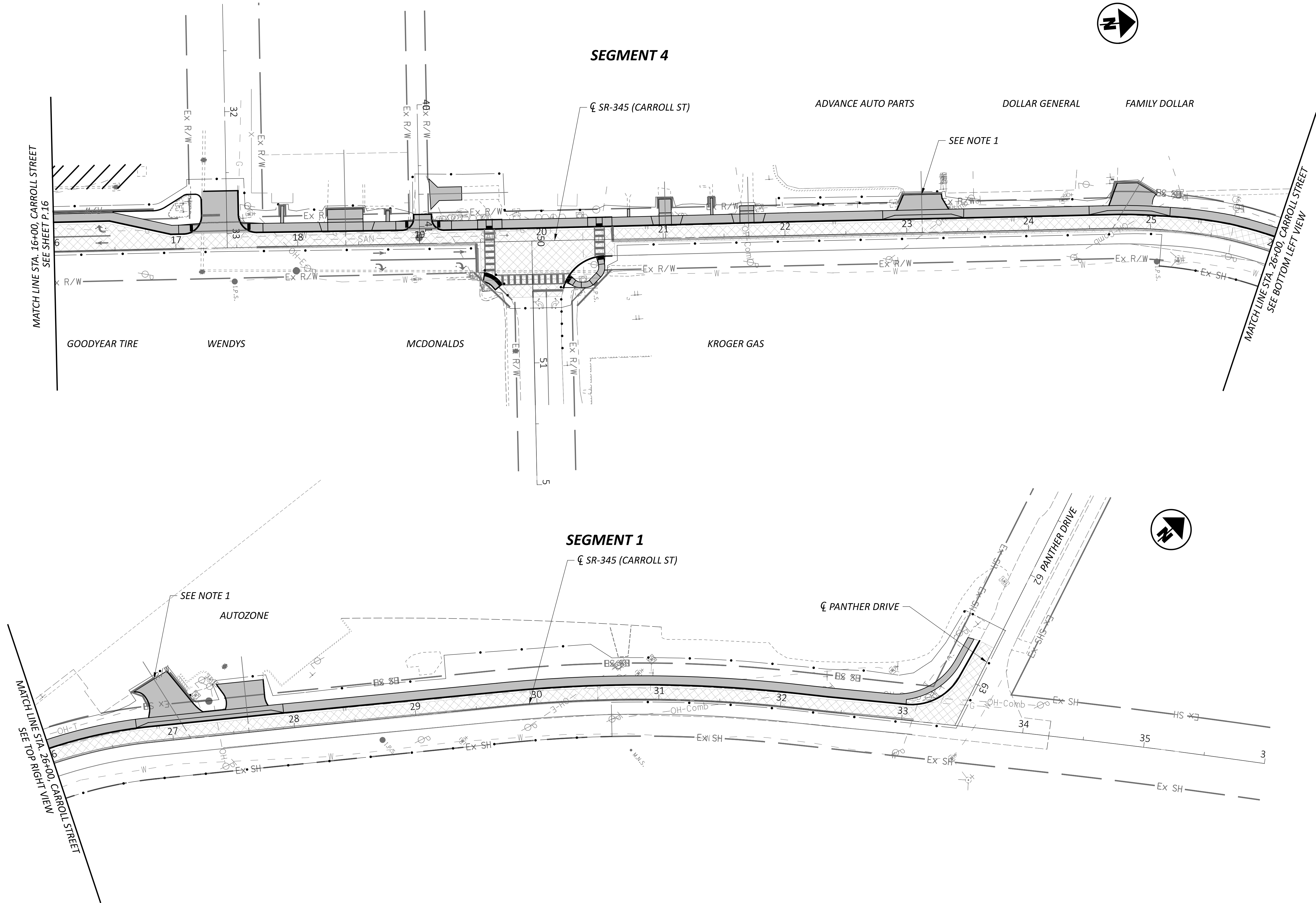
DESIGNER
ADL

REVIEWER
SS 09/24/25

PROJECT ID
119739

SHEET TOTAL
P.16 92

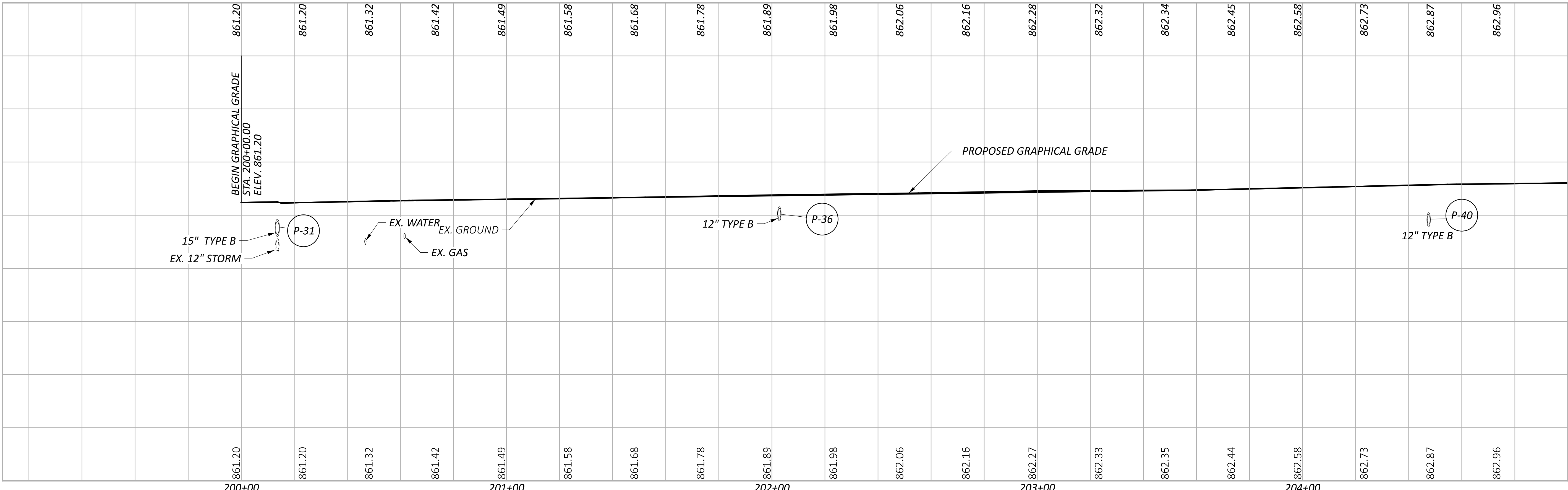
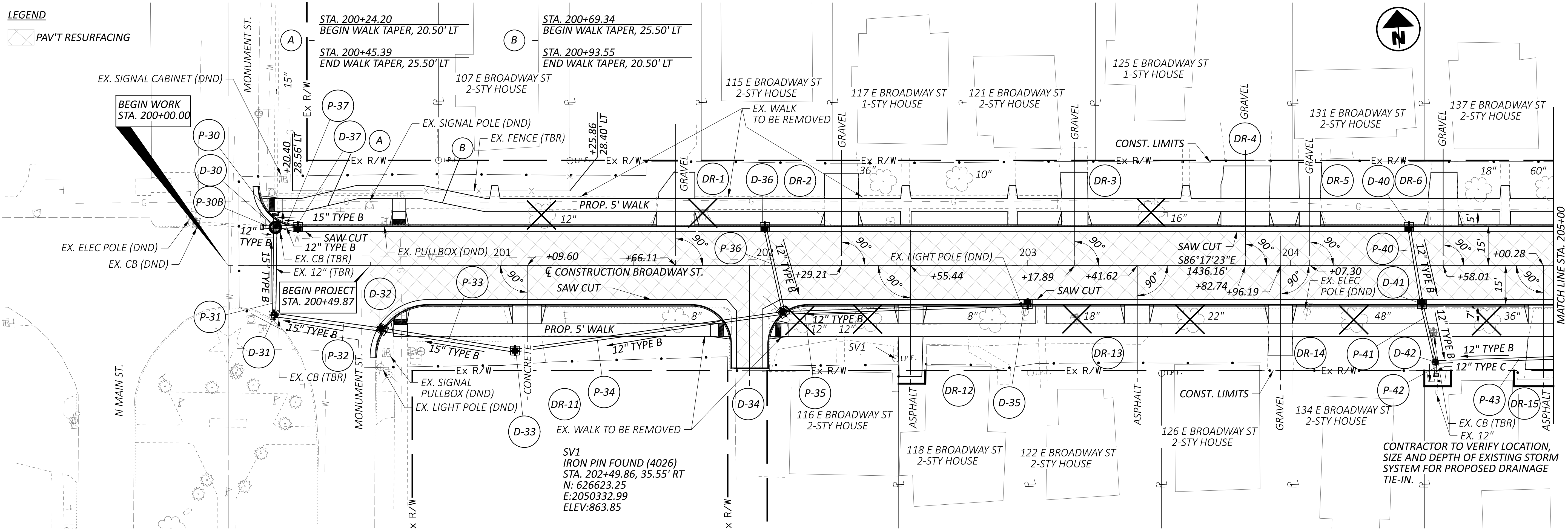




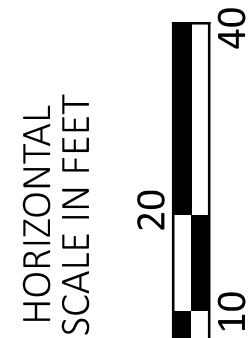
- NOTES:
- 1. MAINTAIN ACCESS TO DRIVES OR SIDE ROADS AT ALL TIMES, USE FLAGGING OPERATION AS NECESSARY.
 - 2. RESURFACING WILL BE CARRIED OUT SEQUENTIALLY, FOLLOWING A SEGMENTED STRUCTURE, STARTING WITH SEGMENT 1, THEN SEGMENT 2, AND CONTINUING ACCORDINGLY.

FOR MOT LEGEND SEE SHEET P.12

HORIZONTAL SCALE IN FEET 0 20 40 80	
MAINTENANCE OF TRAFFIC PLAN - PHASE 3 CARROLL ST. TO PANTHER DR.	
DESIGN AGENCY TRANSYSTEMS 400 W. NATIONWIDE BLVD., STE 226 COLUMBUS, OHIO 43215	
DESIGNER ADL	
REVIEWER SS 09/24/25	
PROJECT ID 119739	
SHEET P.17	TOTAL 92



PLAN AND PROFILE
STA. 200+00.00 TO STA. 205+00.00

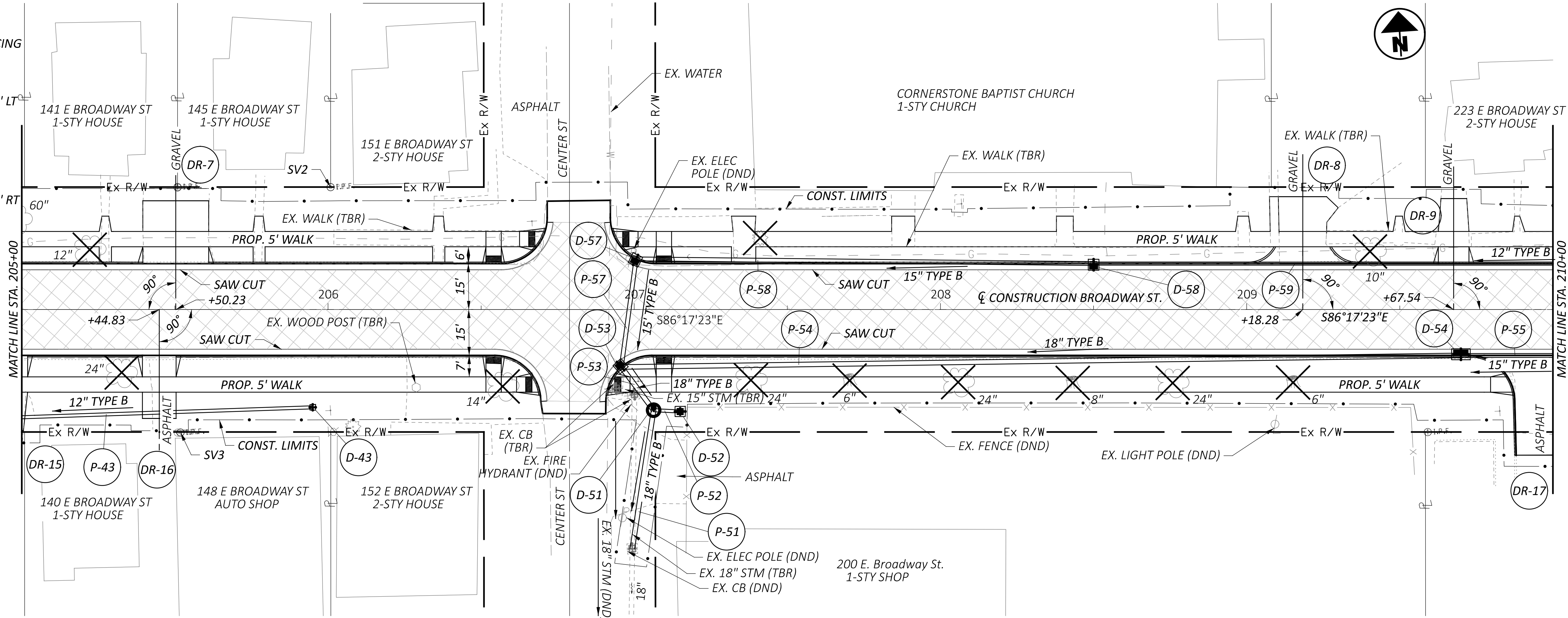


LEGEND

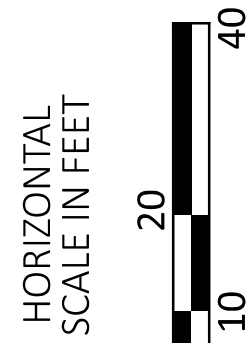
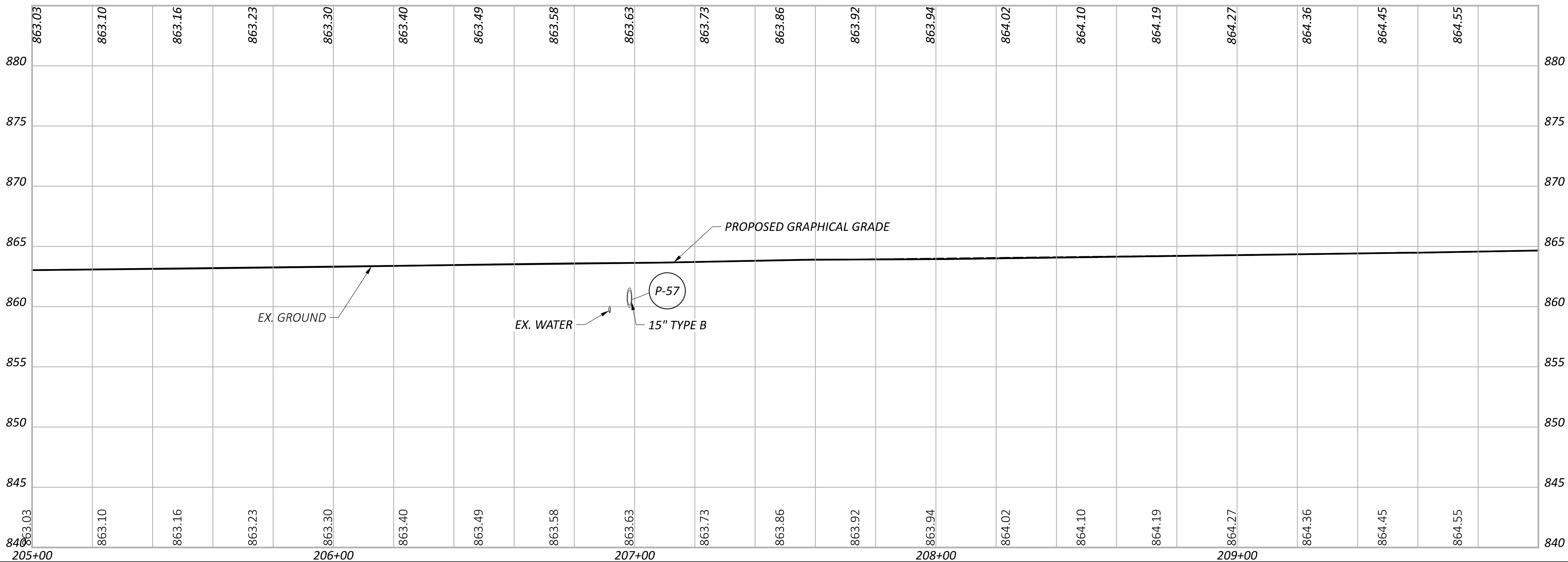
PAV'T RESURFACING

SV2 (4013)
IRON PIN FOUND
STA. 200+86.03, 39.96' LT
N: 626675.89
E: 2020688.12
ELEV: 862.56

SV3 (4010)
IRON PIN FOUND
STA. 205+51.83, 40.14' RT
N: 626599.08
E: 2050633.99
ELEV: 863.21

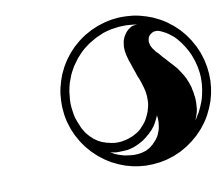


FOR DRIVEWAY DETAILS SEE SHEETS P.59 TO P.69
FOR INTERSECTION DETAILS SEE SHEETS P.48 TO P.53
FOR CURB RAMP DETAILS SEE SHEETS P.48 TO P.53
FOR STORM SEWER PROFILES SEE SHEETS P.73 TO P.75



PLAN AND PROFILE
STA. 205+00.00 TO STA. 210+00.00

DESIGN AGENCY



10200 Alliance Road,
Suite 300
Cincinnati, OH 45242
(513) 842-8200

DESIGNER

CMG

REVIEWER

ZTM 10/17/25

PROJECT ID

119739

SHEET

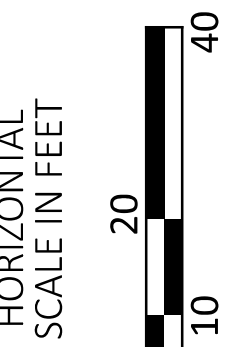
P.19

TOTAL

92

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SV5
IRON PIN FOUND (4007)
STA. 211+59.13, 39.79' RT
N: 626560.18
E: 2051240.08
ELEV: 865.86



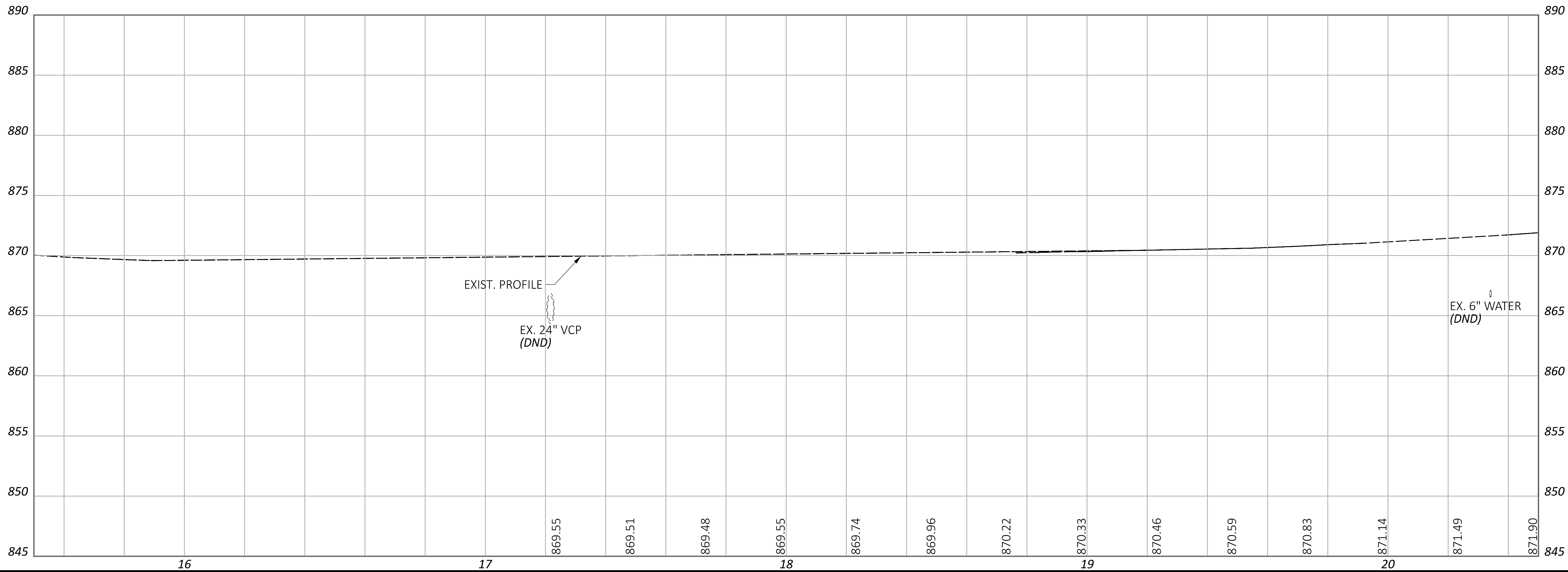
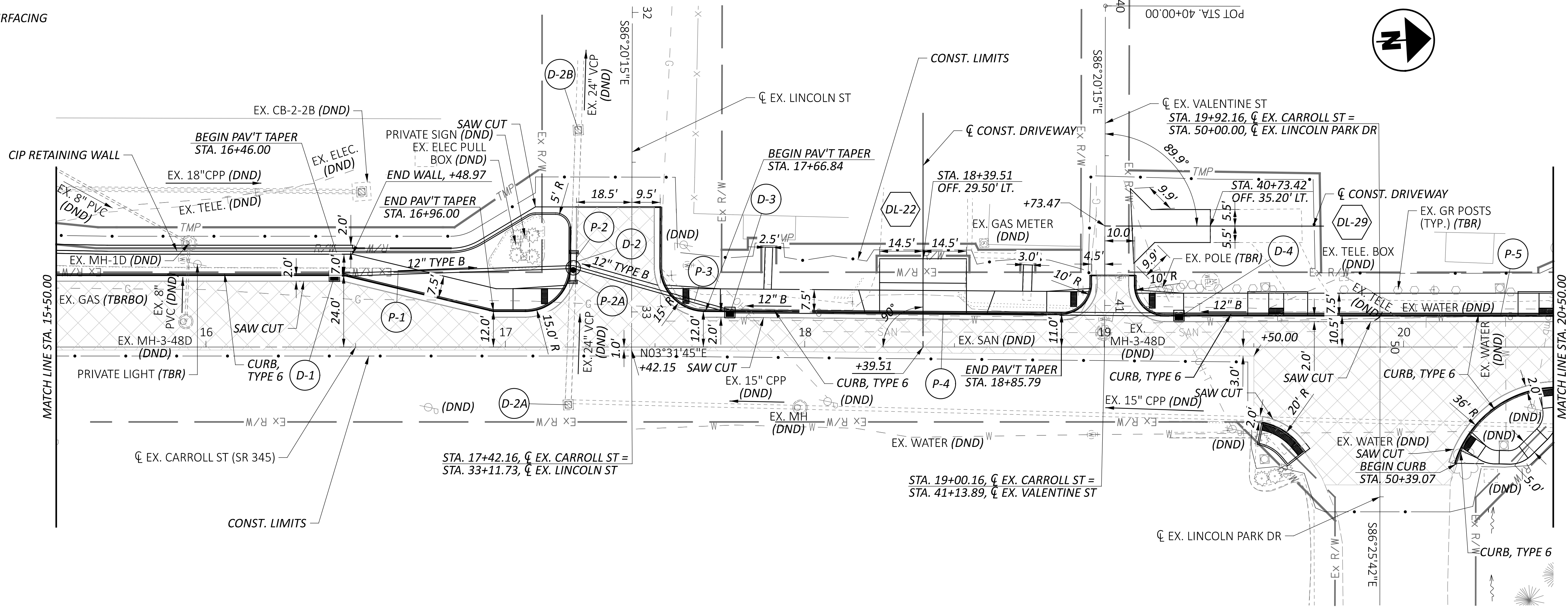
DESIGN AGENCY

Stantec
 10200 Alliance Road,
 Suite 300
 Cincinnati, OH 45242
 (513) 842-8200
 DESIGNER
CMG
 REVIEWER
TM 10/17/25
 PROJECT ID
119739

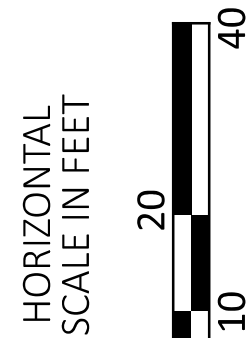
SHEET	TOTAL
P.20	92

LEGEND

PAV'T RESURFACING



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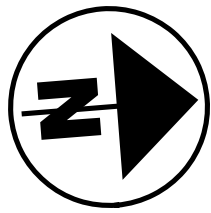


DESIGN AGENCY	
TRANSYSTEMS 400 W. NATIONWIDE BLVD., STE 226 COLUMBUS, OHIO 43215	
DESIGNER	
JRC	
REVIEWER	
MSW 10/17/25	
PROJECT ID	
119739	
SHEET	TOTAL
P.21	92

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 PAV'T RESURFACING

 VEGETATED FILTER STRIPS



HORIZONTAL
SCALE IN FEET

10 20 40

PLAN AND PROFILE - SR 345 (CARROLL ST)
STA. 20+50.00 TO STA. 25+50.00

DESIGN AGENCY

TRANSYSTEMS

400 W. NATIONWIDE BLVD., STE 225
COLUMBUS, OHIO 43215

DESIGNER

JRC

REVIEWER
MSW 10/17/25

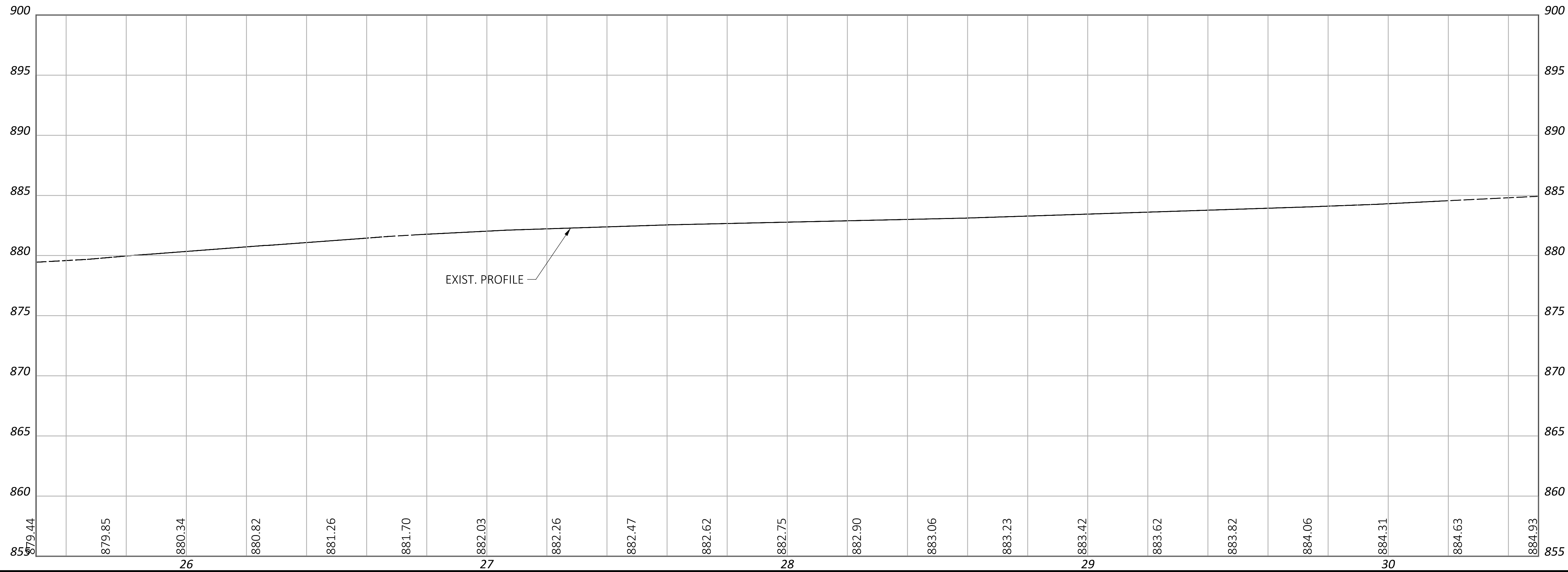
PROJECT ID
119739

SHEET	TOTAL
P.22	9

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HORIZONTAL
SCALE IN FEET

A horizontal scale bar with a black background and white markings. The scale is marked at 0, 10, 20, and 40 feet. The bar is divided into four equal segments of 10 feet each. The first segment (0-10) is white, the second (10-20) is black, the third (20-30) is white, and the fourth (30-40) is black.

PLAN AND PROFILE - SR 345 (CARROLL ST)
STA. 25+50.00 TO STA. 30+50.00

DESIGN AGENCY

TRANSYSTEMS
400 W. NATIONWIDE BLVD., STE 225
COLUMBUS, OHIO 43215

DESIGNER

JRC

REVIEWER

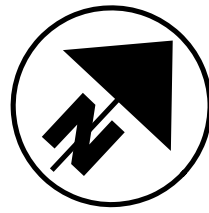
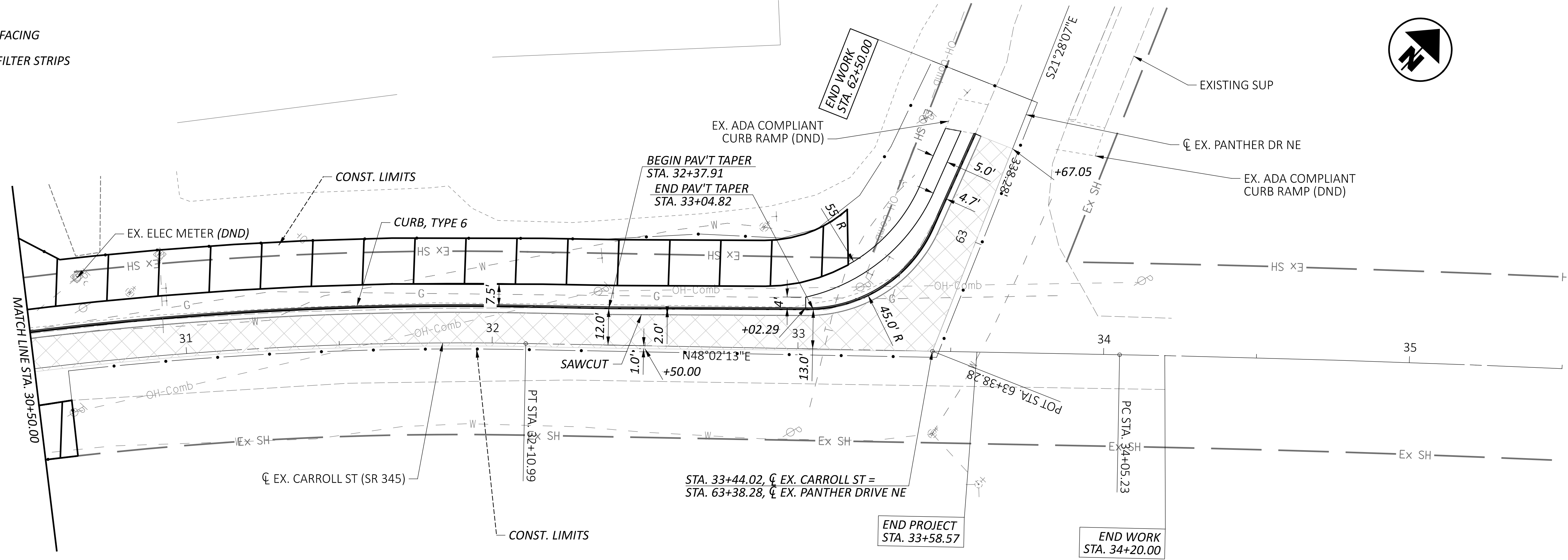
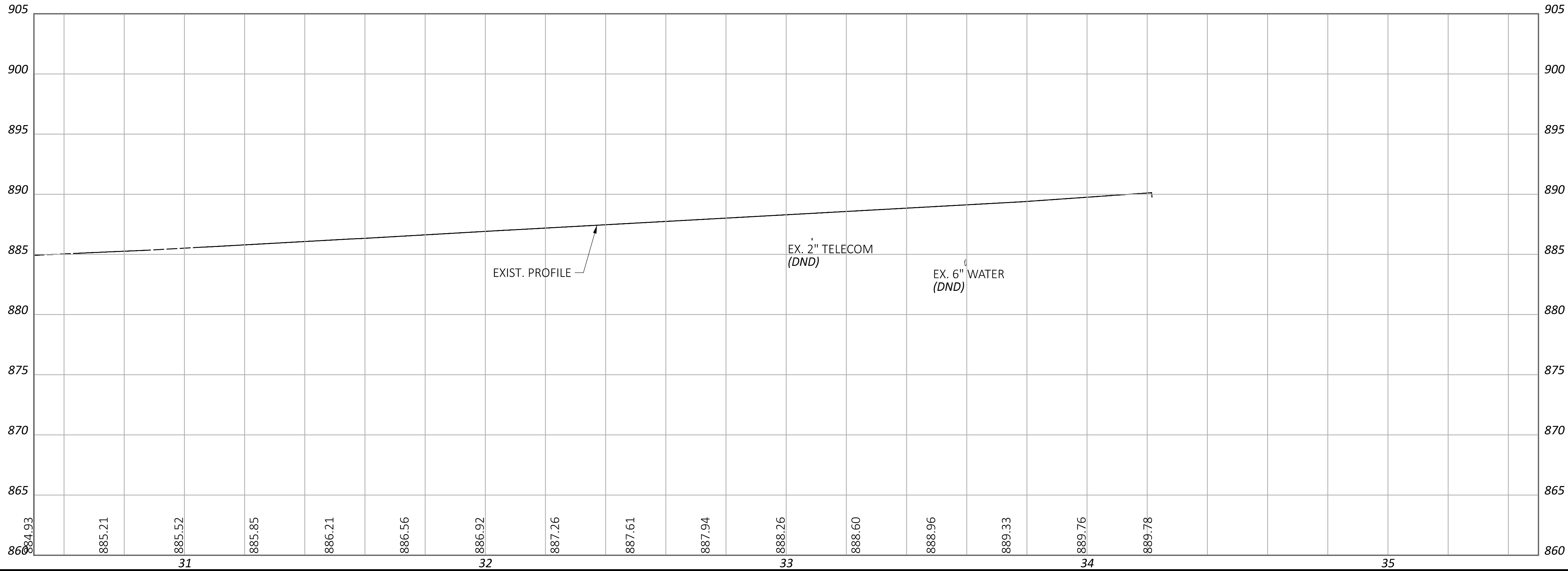
MSW 10/17/25

PROJECT ID
119739

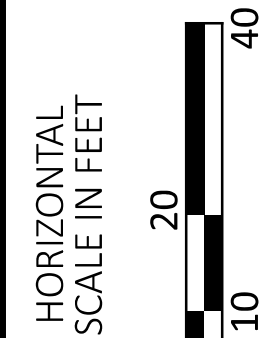
SHEET	TOTAL
P.23	9

LEGEND

- PAV'T RESURFACING
- VEGETATED FILTER STRIPS



PLAN AND PROFILE - SR 345 (CARROLL ST)
STA. 30+50.00 TO STA. 35+50.00



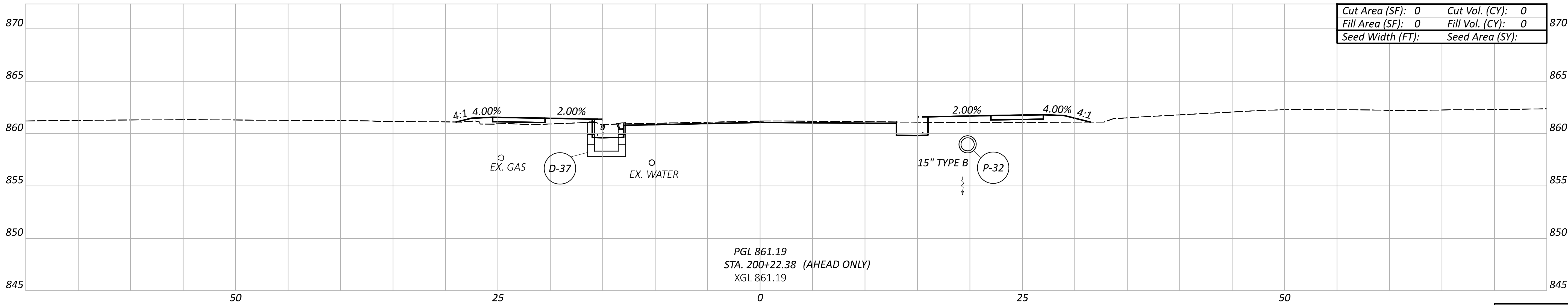
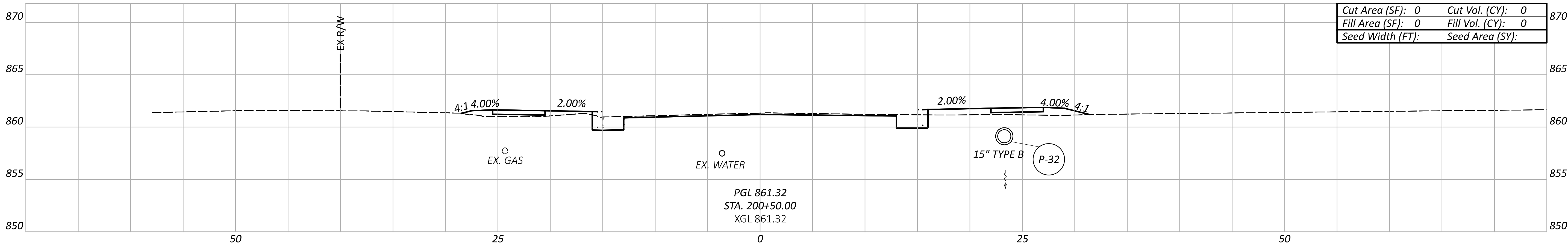
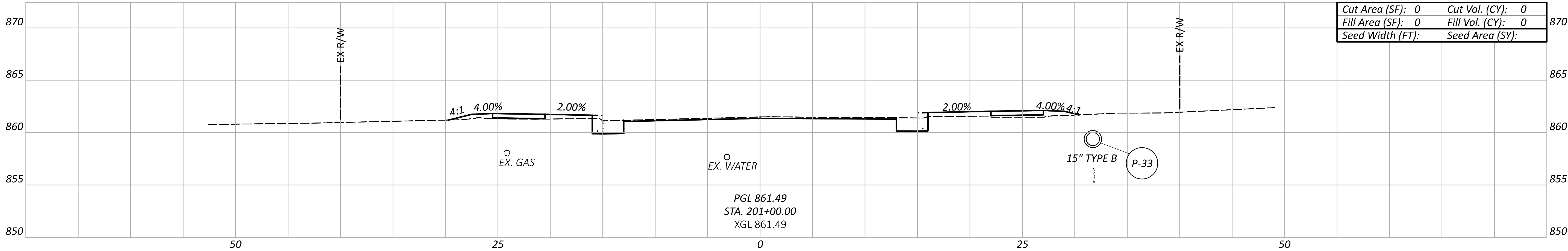
DESIGN AGENCY
TRANSYSTEMS
400 W. NATIONWIDE BLVD., STE 226
COLUMBUS, OHIO 43215

DESIGNER
JRC

REVIEWER
MSW 10/17/25

PROJECT ID
119739

SHEET TOTAL
P.24 92



Sheet Totals		
Seeding	Cut	Fill

CROSS SECTIONS
STA. 200+22.38 TO STA. 201+00.00

DESIGN AGENCY

10200 Alliance Road,
Suite 300
Cincinnati, OH 45242
(513) 842-8200

DESIGNER

CMG

REVIEWER

ZTM 10/17/25

PROJECT ID

119739

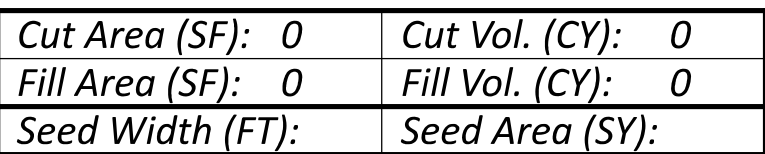
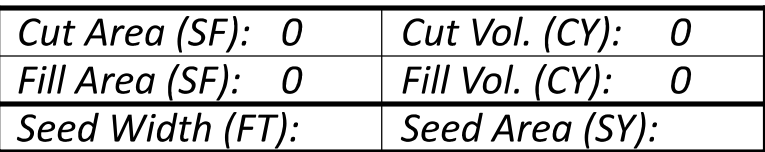
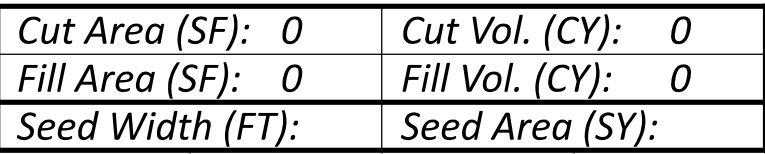
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P.25

TOTAL

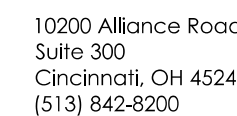
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SHEET	TOTAL
P.26	92

DESIGN AGENCY



DESIGNER

CMG

REVIEWER

REVIEWER
ZTM 10/17/

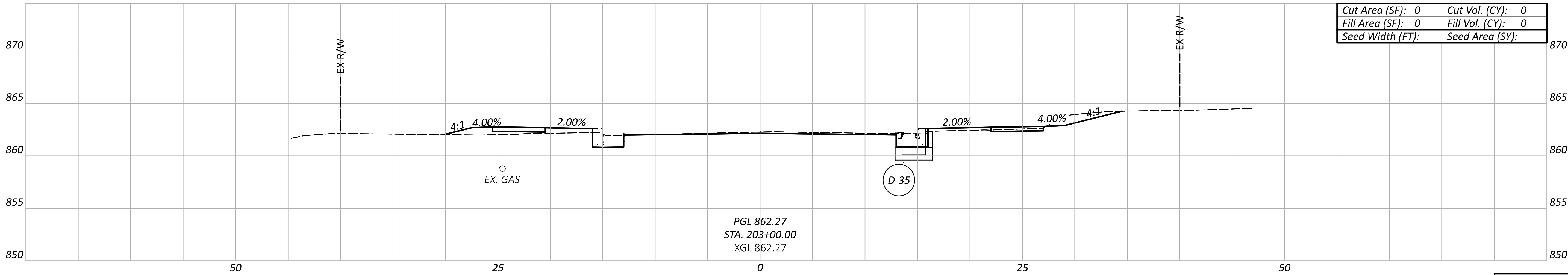
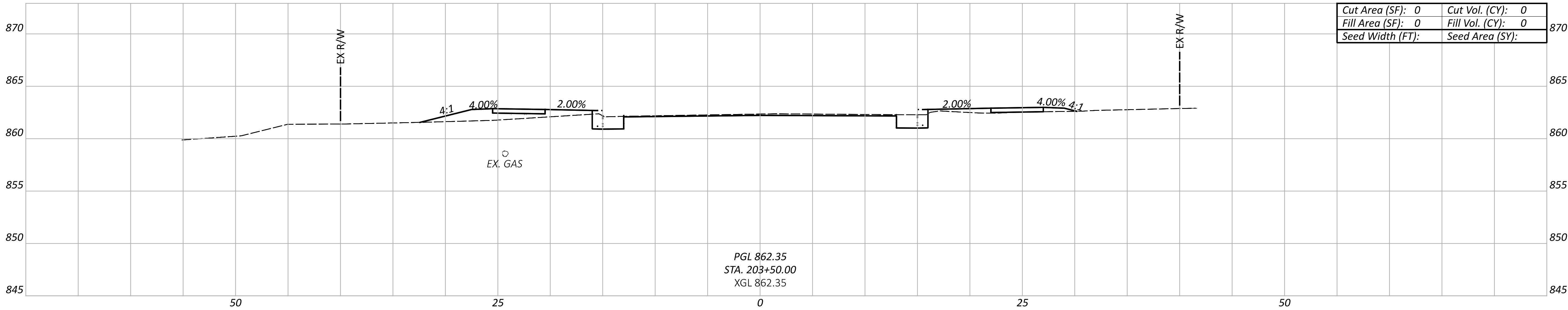
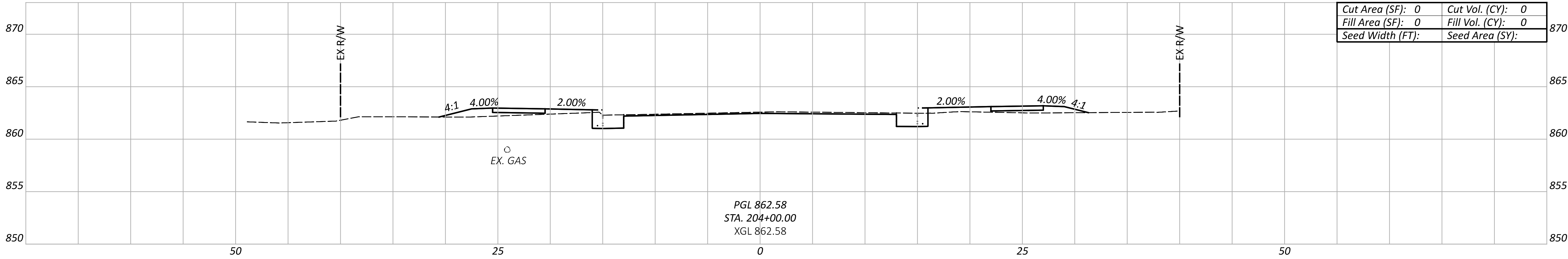
21M 10/17/

PROJECT ID
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119739

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26 | 92



Sheet Totals			PROJECT ID	
Seeding	Cut	Fill	SHEET	TOTAL
			P.27	92

CROSS SECTIONS
STA. 203+00.00 TO STA. 204+00.00

DESIGN AGENCY



Stantec
10200 Alliance Road,
Suite 300
Cincinnati, OH 45242
(513) 842-8200

DESIGNER

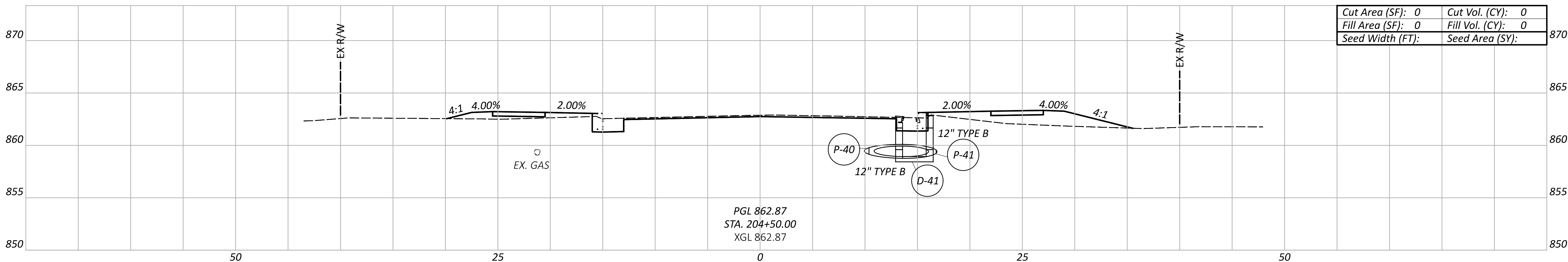
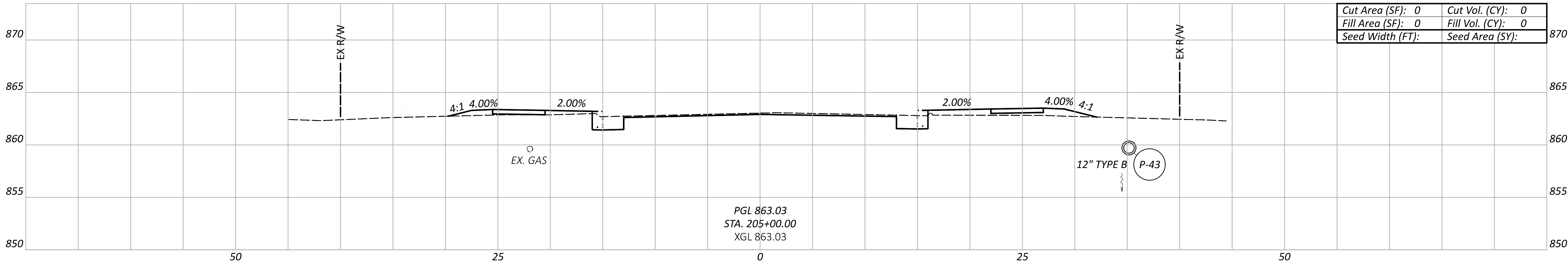
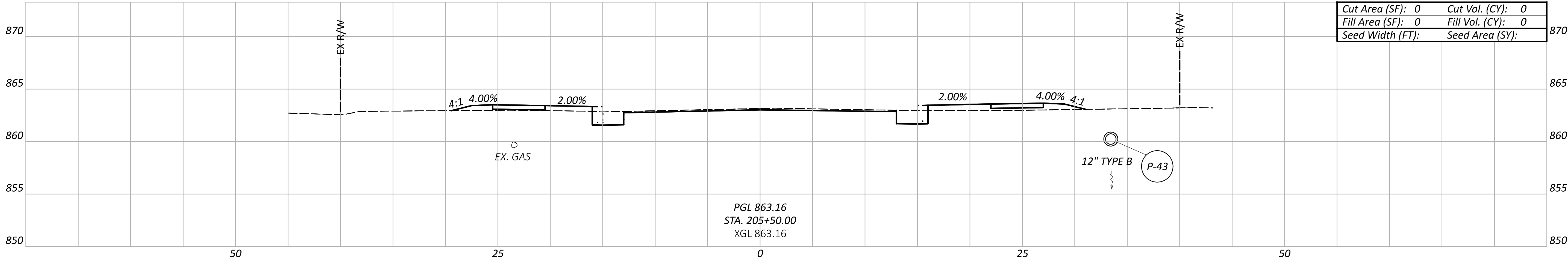
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REVIEWER

ZTM 10/17/25

PROJECT ID

119739



Sheet Totals			PROJECT ID	
Seeding	Cut	Fill	SHEET	TOTAL
			P.28	92

CROSS SECTIONS
STA. 204+50.00 TO STA. 205+50.00

DESIGN AGENCY

Stantec

10200 Alliance Road,
Suite 300
Cincinnati, OH 45242
(513) 842-8200

DESIGNER

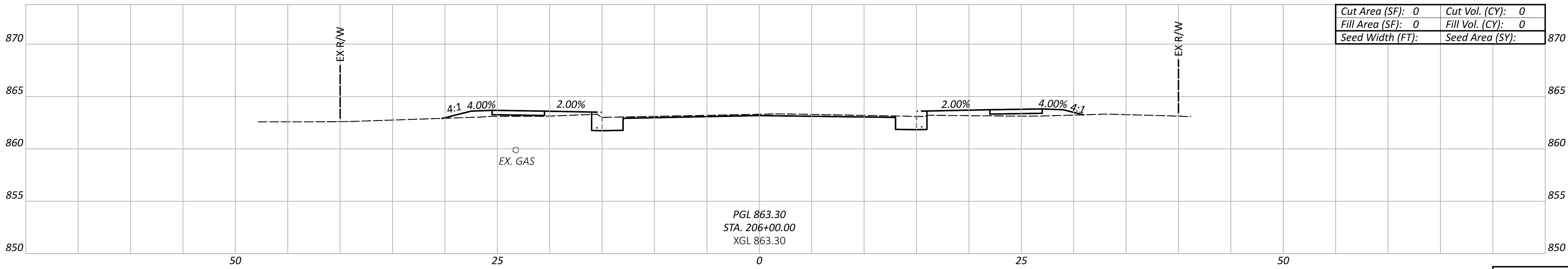
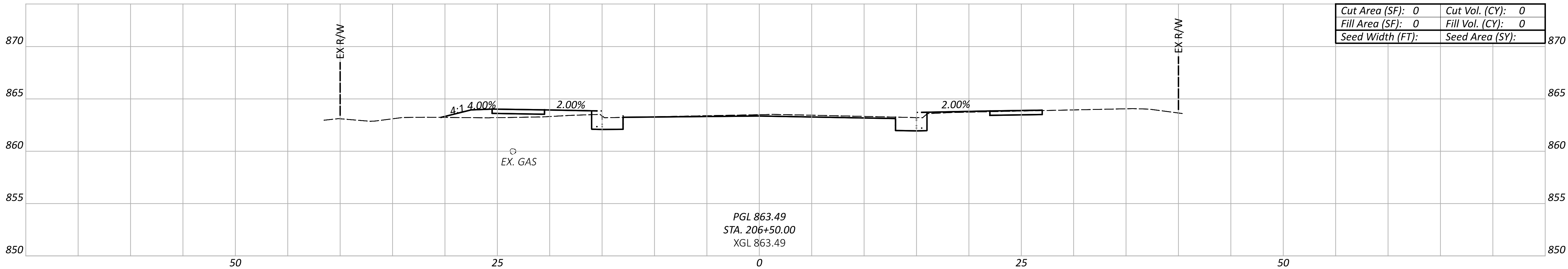
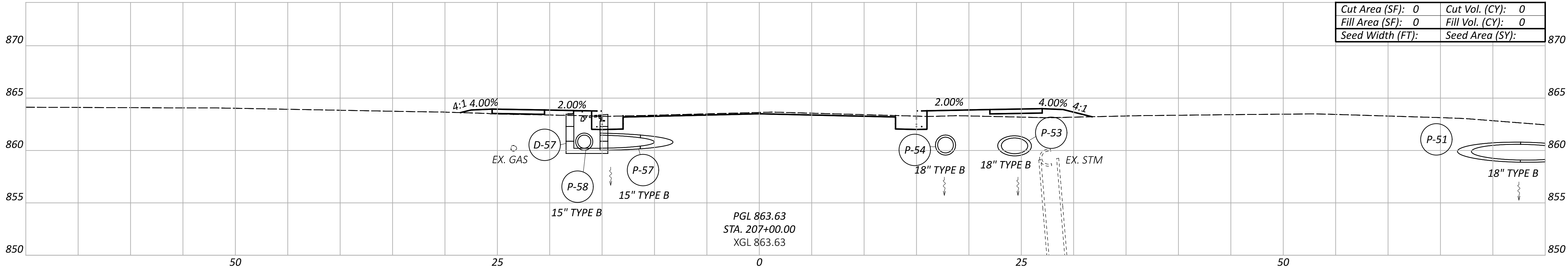
CMG

REVIEWER

ZTM 10/17/25

PROJECT ID

119739



CROSS SECTIONS
STA. 206+00.00 TO STA. 207+00.00

DESIGN AGENCY

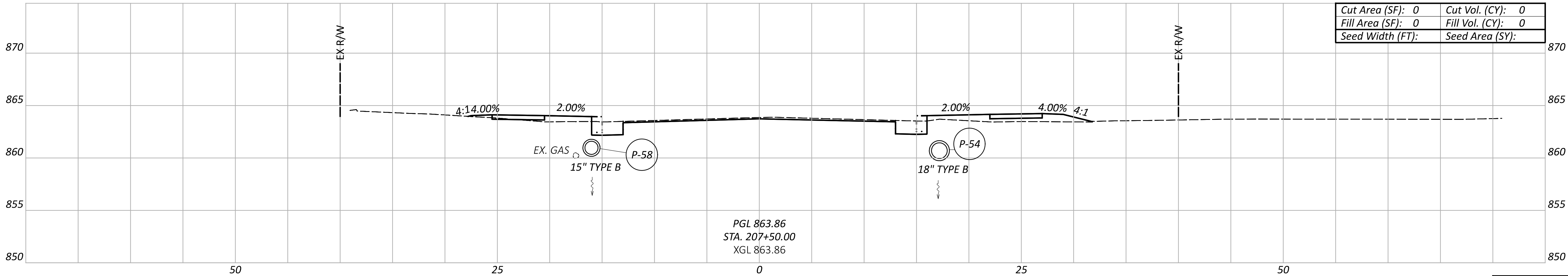
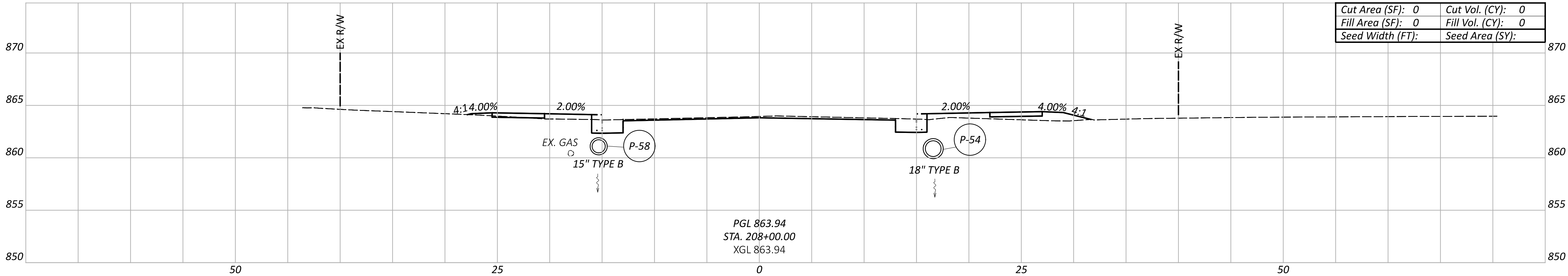
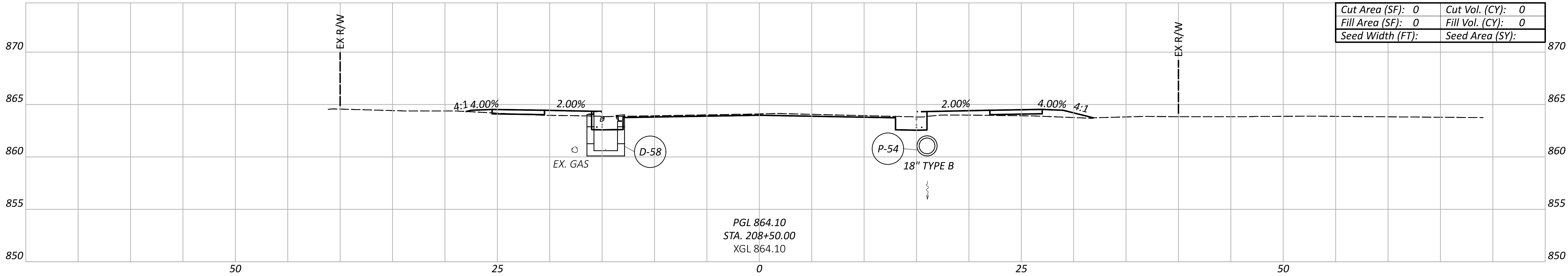
Stantec
10200 Alliance Road,
Suite 300
Cincinnati, OH 45242
(513) 842-8200

DESIGNER
CMG

REVIEWER
ZTM 10/17/25

PROJECT ID
119739

Sheet Totals		
Seeding	Cut	Fill
P.29		92



CROSS SECTIONS
STA. 207+50.00 TO STA. 208+50.00

DESIGN AGENCY



10200 Alliance Road,
Suite 300
Cincinnati, OH 45242
(513) 842-8200

DESIGNER

CMG

REVIEWER

ZTM 10/17/25

PROJECT ID

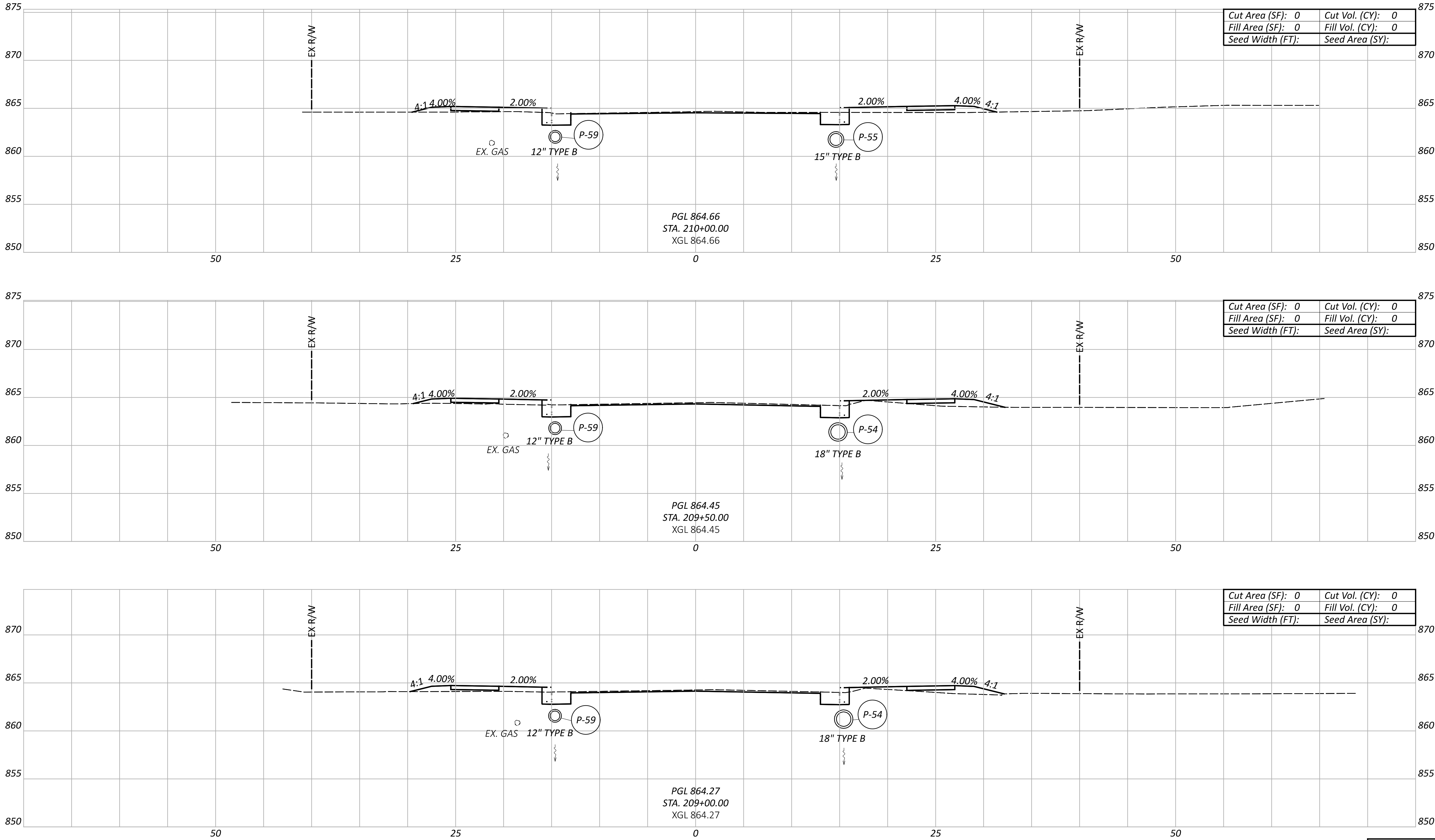
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Sheet Totals

Seeding Cut Fill

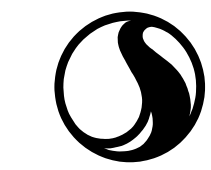
SHEET TOTAL

P.30 92



CROSS SECTIONS
STA. 209+00.00 TO STA. 210+00.00

DESIGN AGENCY



10200 Alliance Road,
Suite 300
Cincinnati, OH 45242
(513) 842-8200

DESIGNER

CMG

REVIEWER

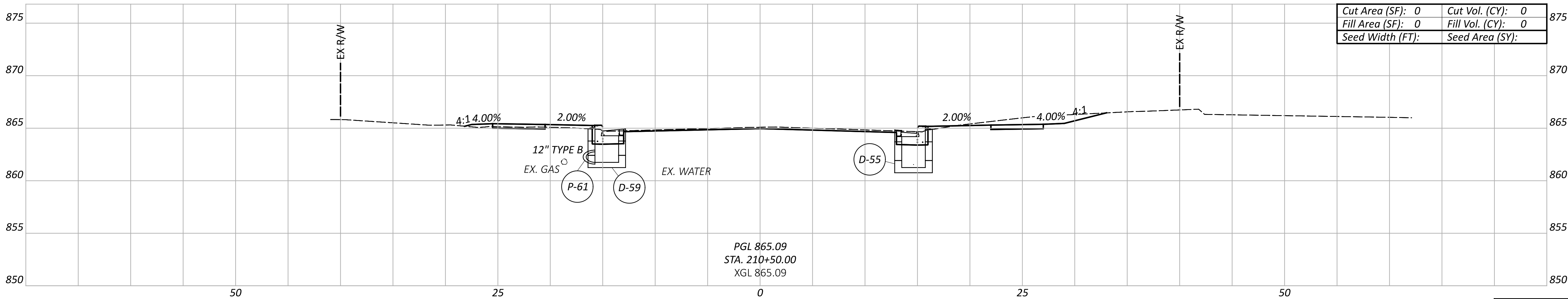
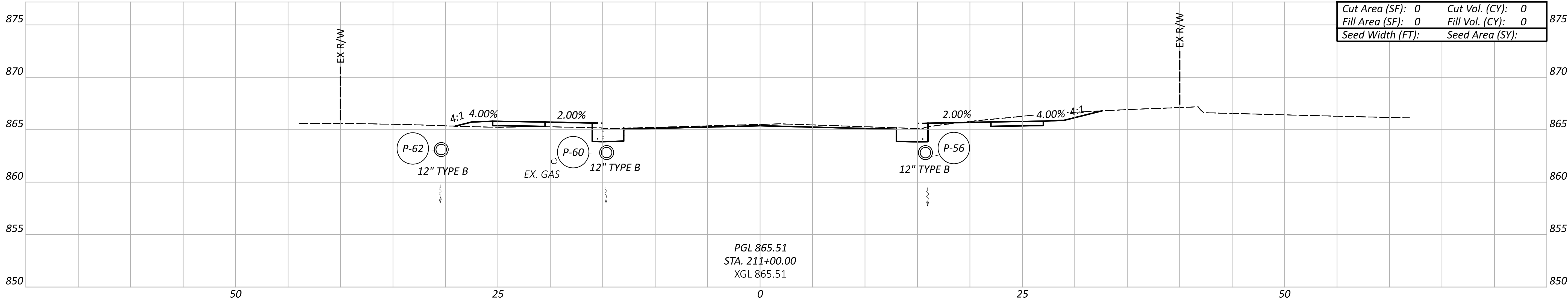
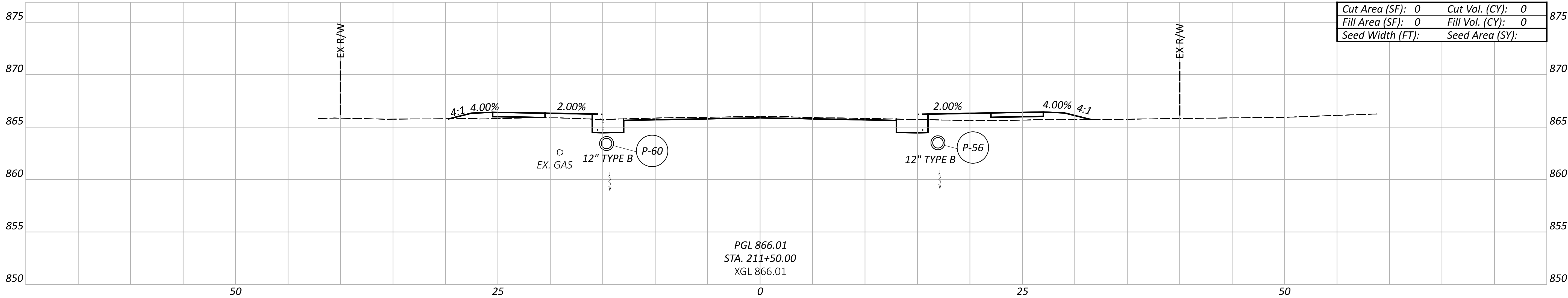
ZTM 10/17/25

PROJECT ID

119739

Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.31	92



CROSS SECTIONS
STA. 210+50.00 TO STA. 211+50.00

DESIGN AGENCY



10200 Alliance Road,
Suite 300
Cincinnati, OH 45242
(513) 842-8200

DESIGNER

CMG

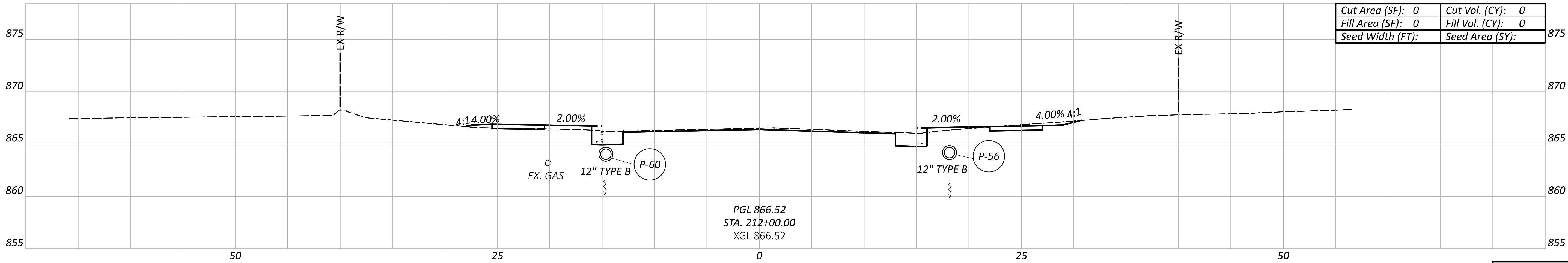
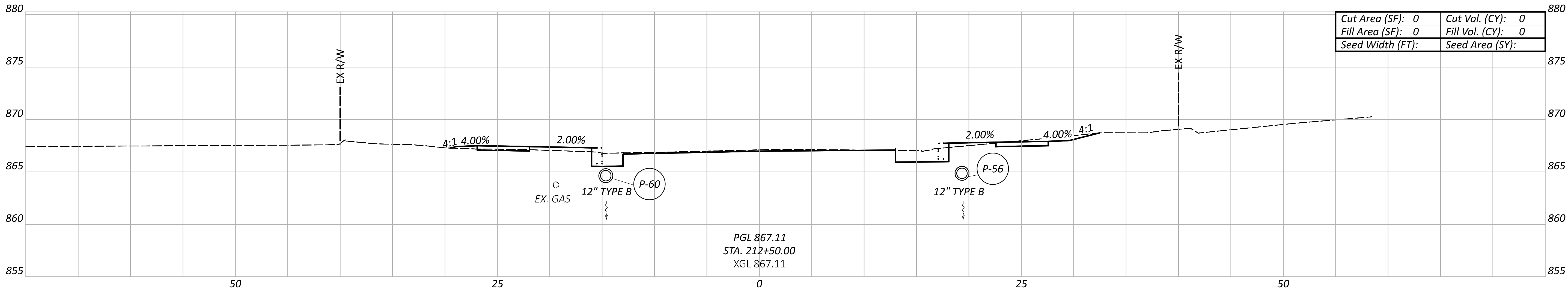
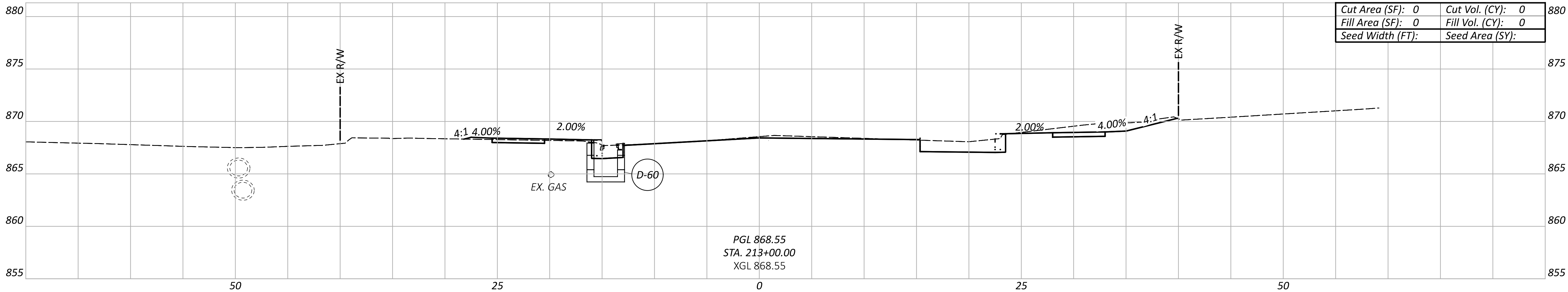
REVIEWER

ZTM 10/17/25

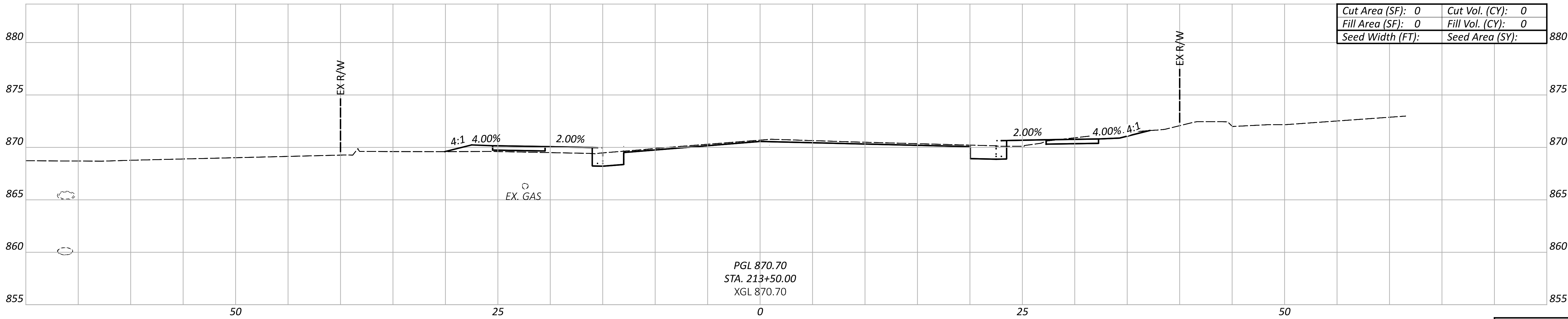
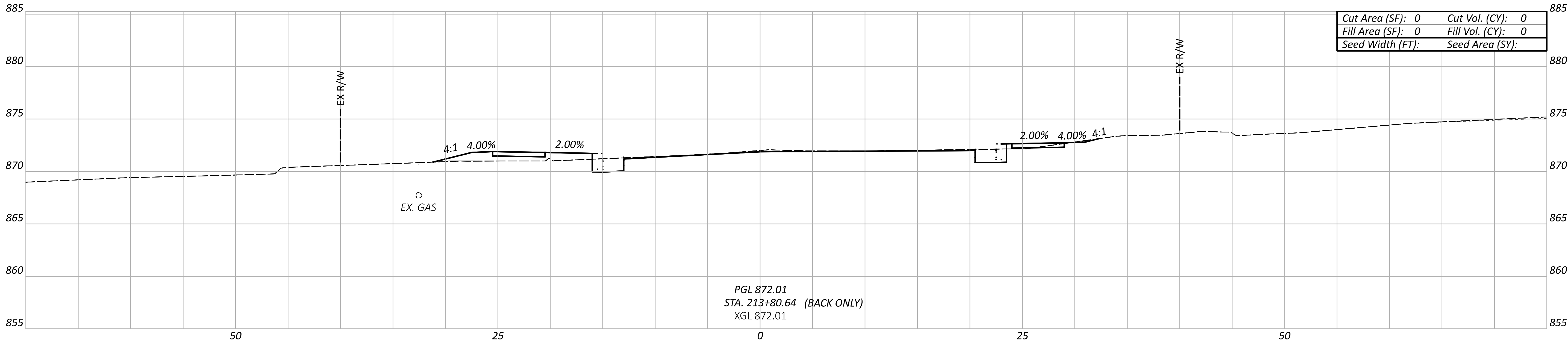
PROJECT ID

119739

Sheet Totals			SHEET	TOTAL
Seeding	Cut	Fill		
			P.32	92



CROSS SECTIONS
STA. 212+00.00 TO STA. 213+00.00



Sheet Totals		
Seeding	Cut	Fill

DESIGN AGENCY

Stantec
10200 Alliance Road,
Suite 300
Cincinnati, OH 45242
(513) 842-8200

DESIGNER

CMG

REVIEWER

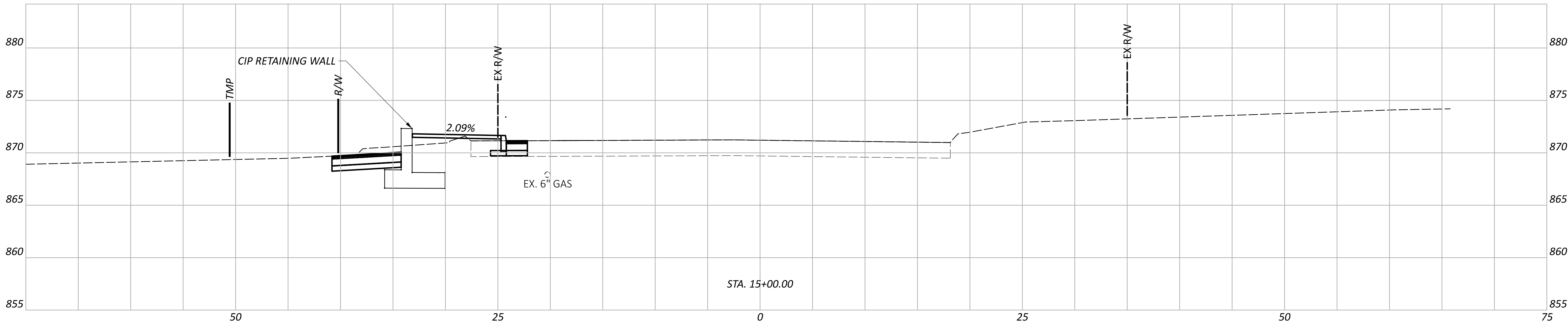
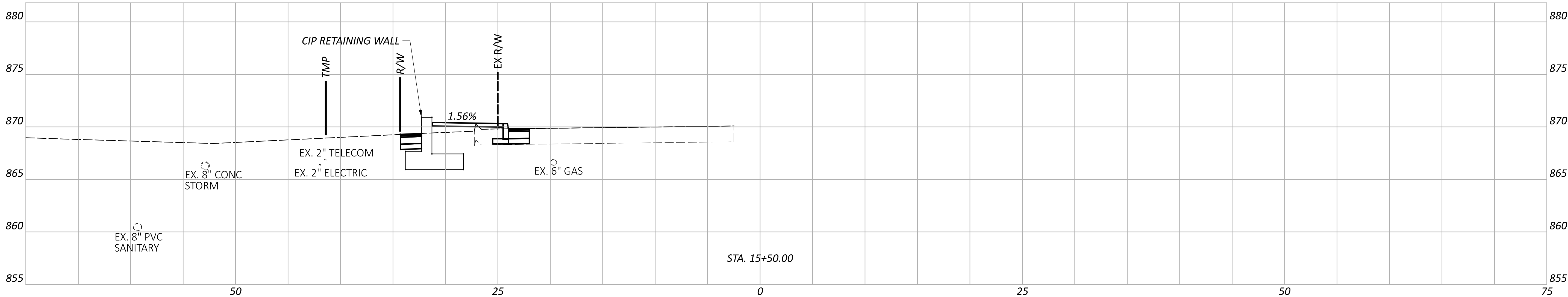
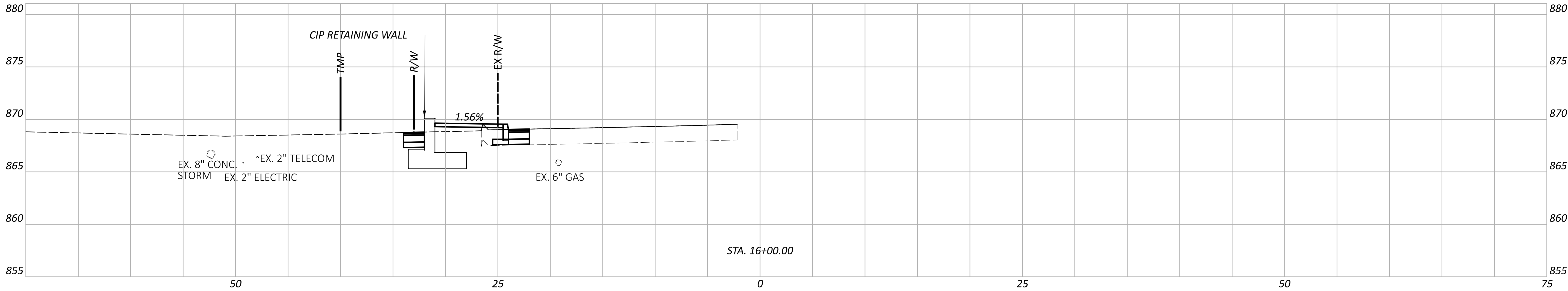
ZTM 10/17/25

PROJECT ID

119739

SHEET	TOTAL
P.34	92

CROSS SECTIONS
STA. 213+50.00 TO STA. 213+80.64



CROSS SECTIONS - SR 345 (CARROLL ST)
STA. 15+00.00 TO STA. 16+00.00

DESIGN AGENCY
TRANSYSTEMS
400 W. NATIONWIDE BLVD., STE 226
COLUMBUS, OHIO 43215

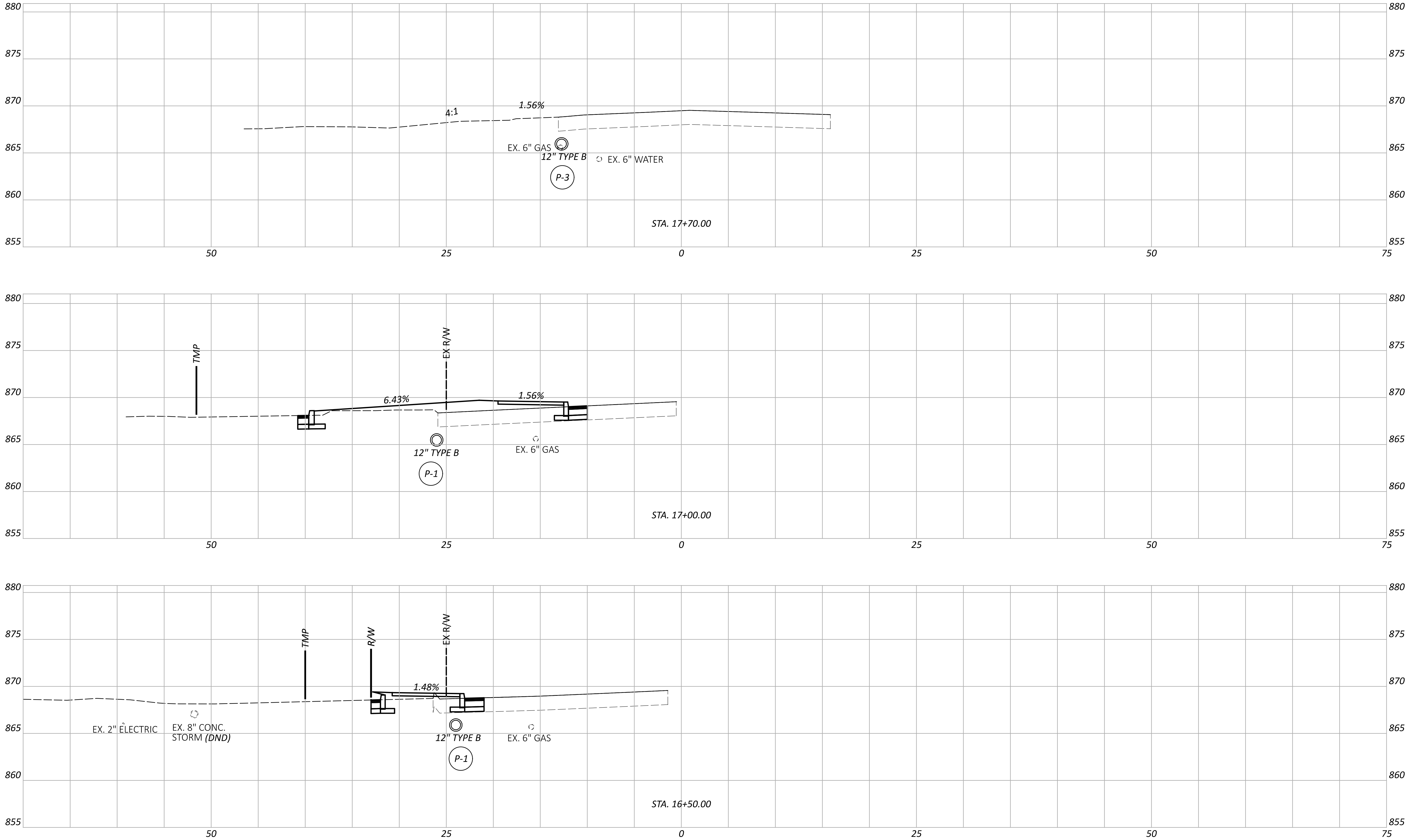
DESIGNER
JRC

REVIEWER
MSW 10/17/25

PROJECT ID
119739

Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.35	92



CROSS SECTIONS - SR 345 (CARROLL ST)
STA. 16+50.00 TO STA. 17+70.00

DESIGN AGENCY
TRANSYSTEMS
400 W. NATIONWIDE BLVD., STE 225
COLUMBUS, OHIO 43215

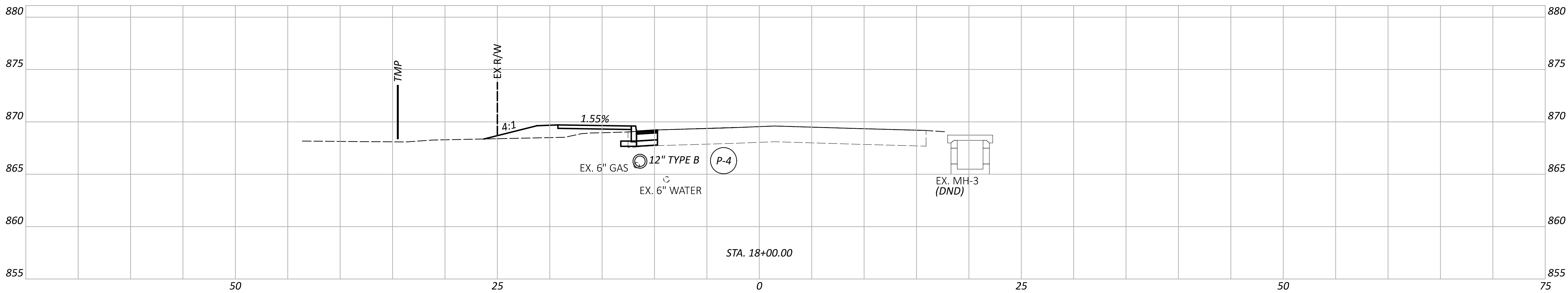
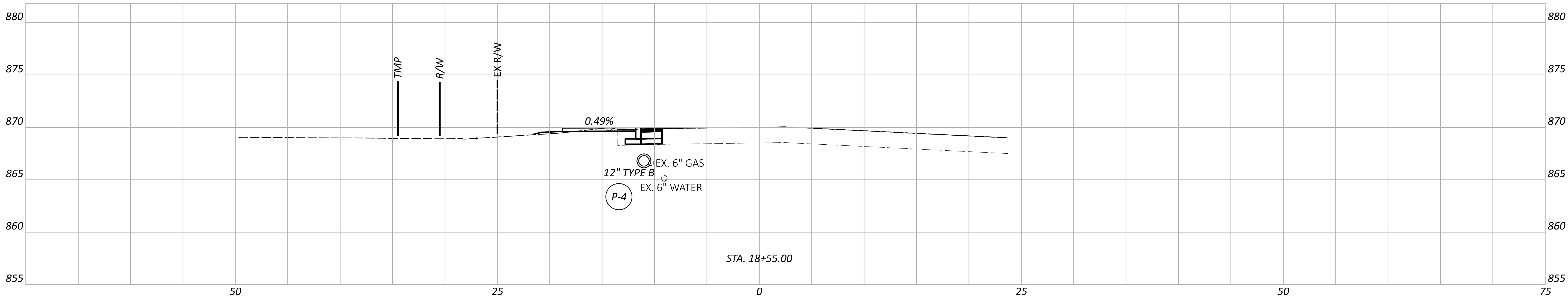
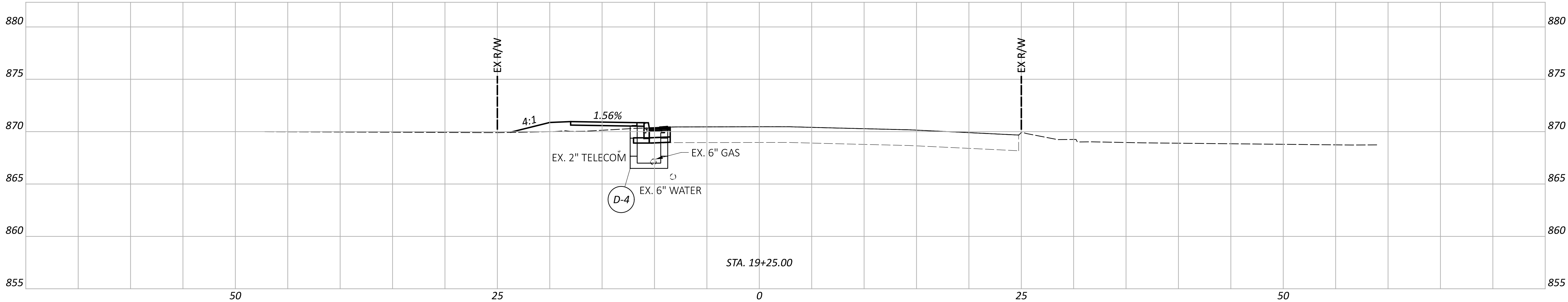
DESIGNER
JRC

REVIEWER
MSW

PROJECT ID
119739

Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.36	92



CROSS SECTIONS - SR 345 (CARROLL ST)
STA. 18+00.00 TO STA. 19+25.00

TRANSYSTEMS
400 W. NATIONWIDE BLVD., STE 226
COLUMBUS, OHIO 43215

DESIGNER

JRC

REVIEWER

MSW 10/17/25

PROJECT ID

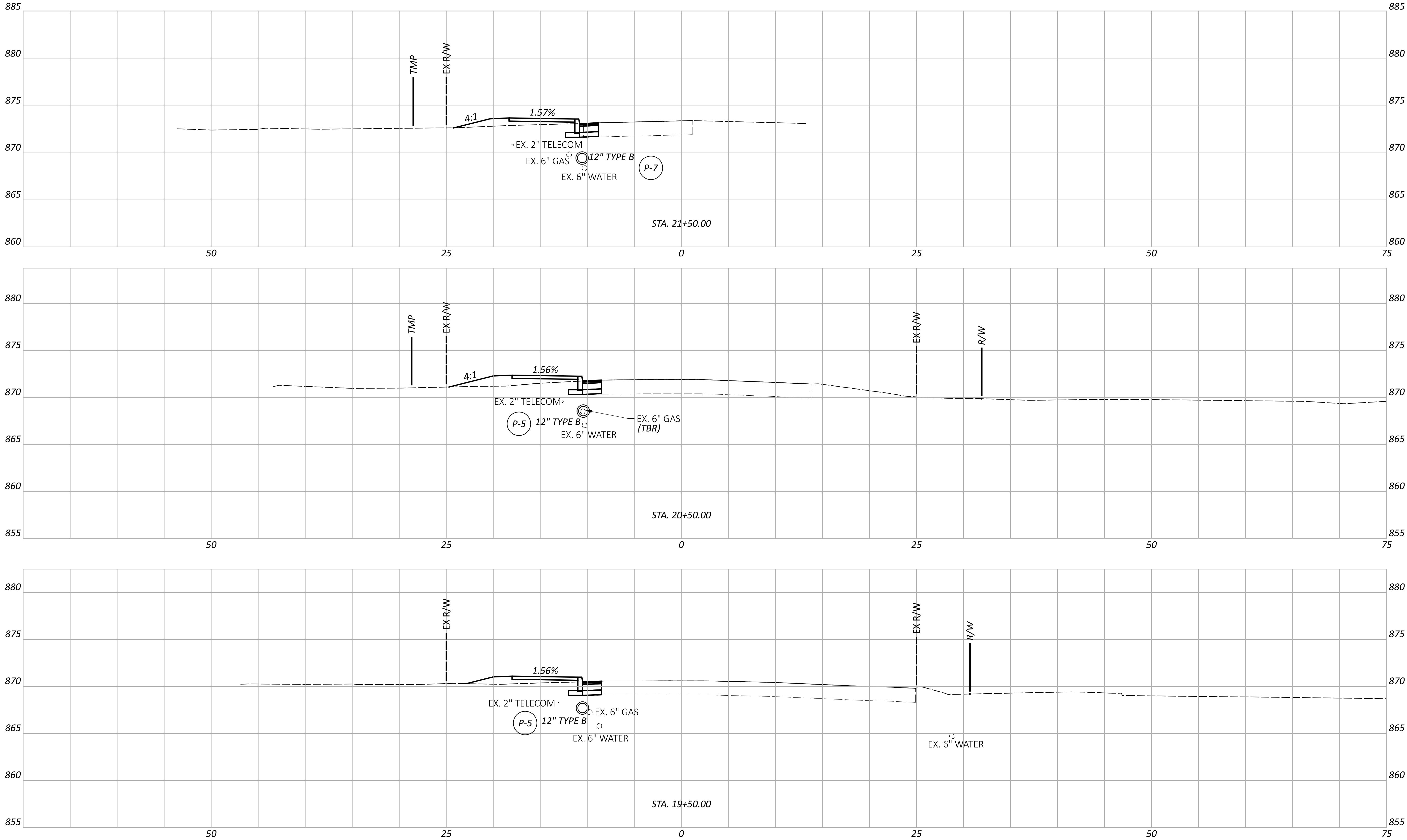
119739

Sheet Totals

Seeding Cut Fill

SHEET TOTAL

P.37 92



CROSS SECTIONS - SR 345 (CARROLL ST)
STA. 19+50.00 TO STA. 21+50.00

DESIGN AGENCY
TRANSYSTEMS
400 W. NATIONWIDE BLVD., STE 225
COLUMBUS, OHIO 43215

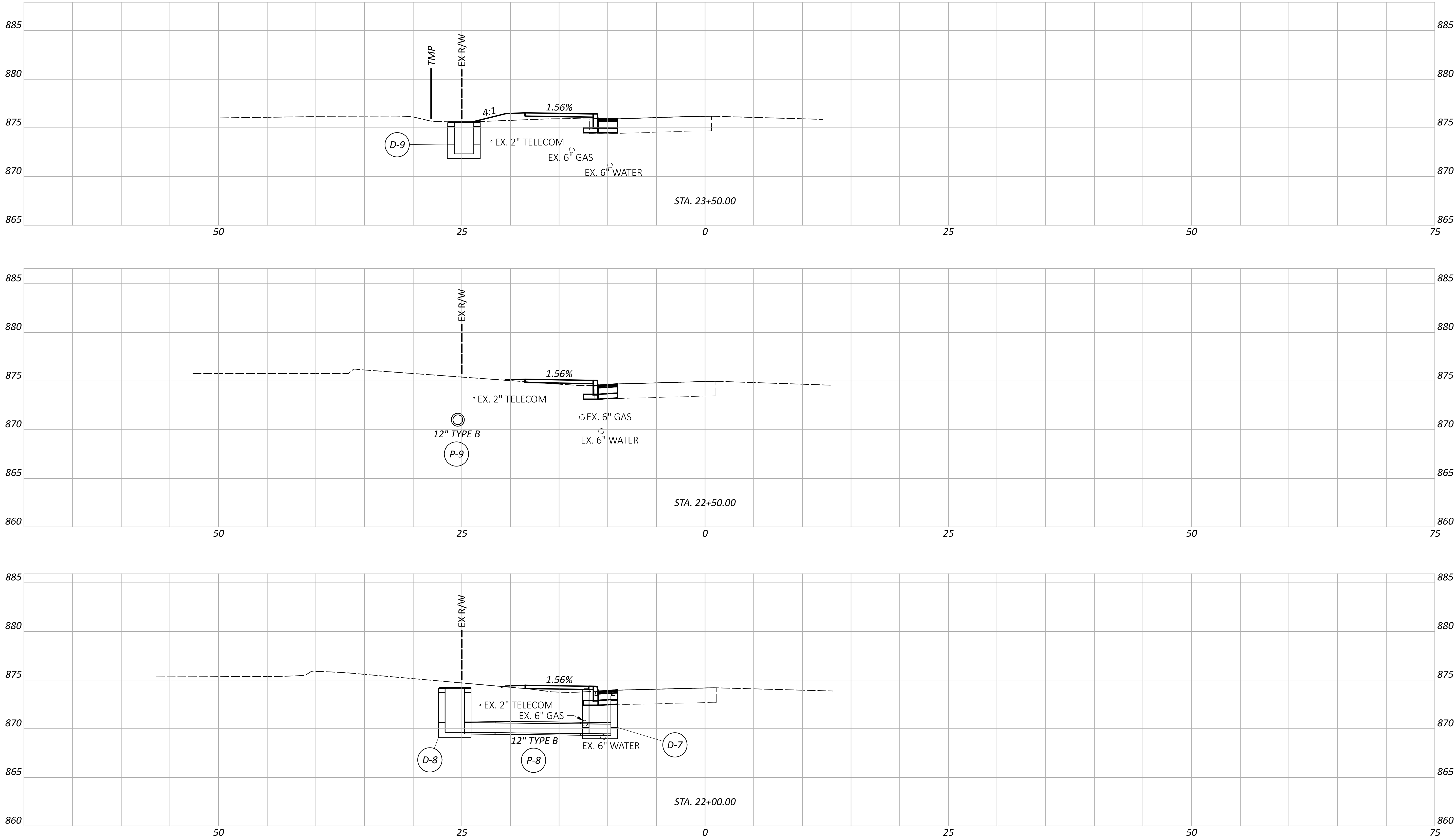
DESIGNER
JRC

REVIEWER
MSW

PROJECT ID
119739

Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.38	92



CROSS SECTIONS - SR 345 (CARROLL ST)
STA. 22+00.00 TO STA. 23+50.00

DESIGN AGENCY
TRANSYSTEMS
400 W. NATIONWIDE BLVD., STE 225
COLUMBUS, OHIO 43215

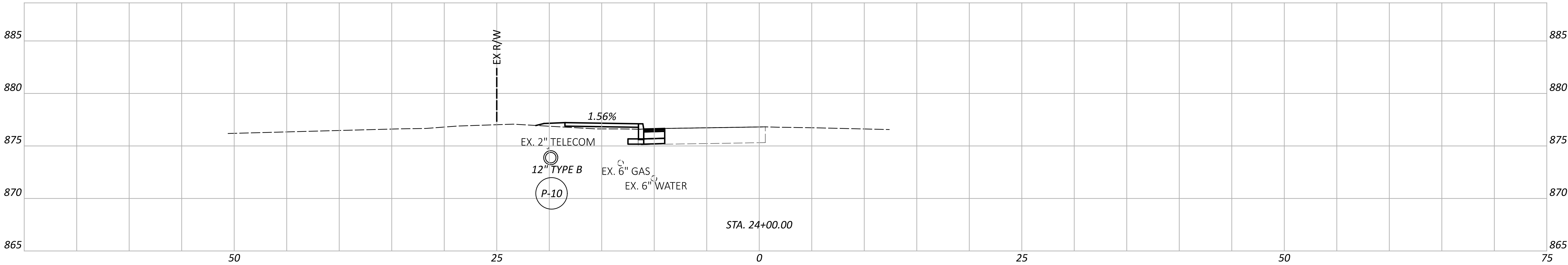
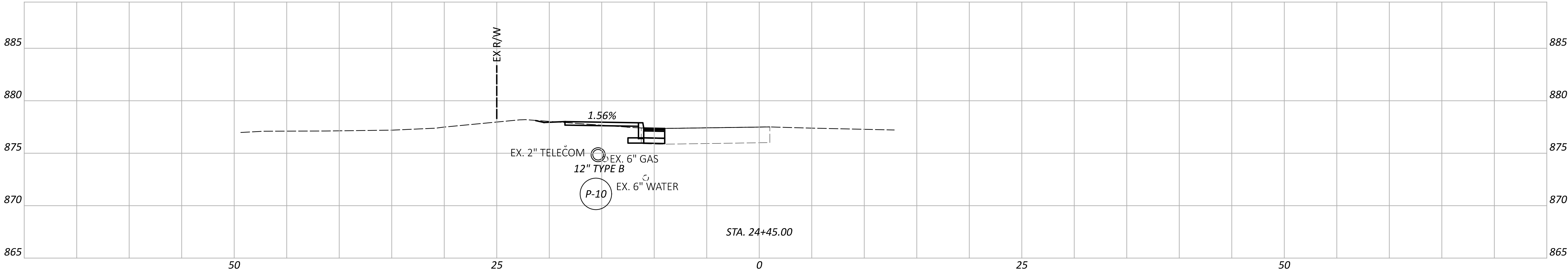
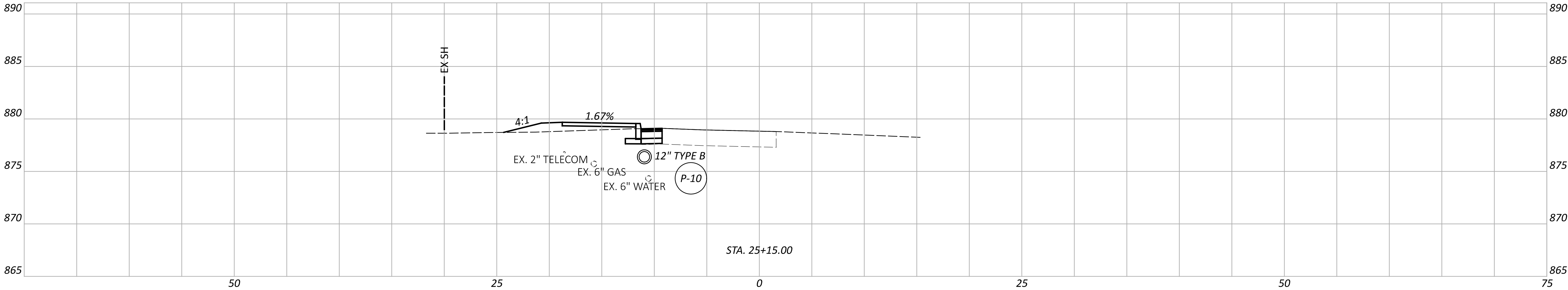
DESIGNER
JRC

REVIEWER
MSW

PROJECT ID
119739

Sheet Totals		
Seeding	Cut	Fill

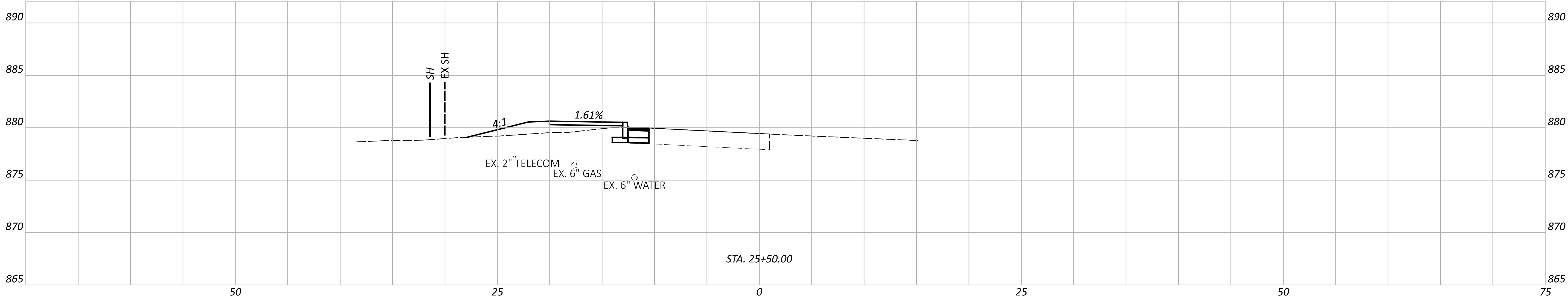
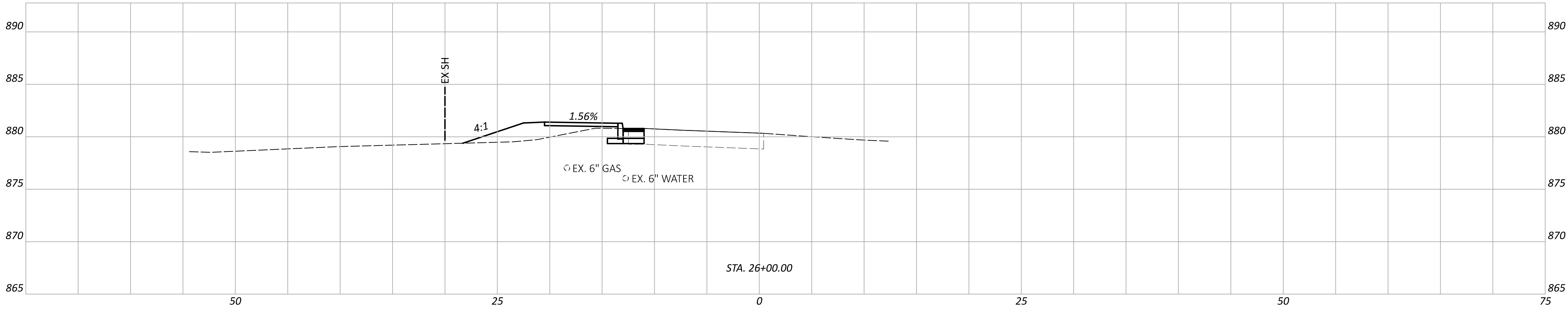
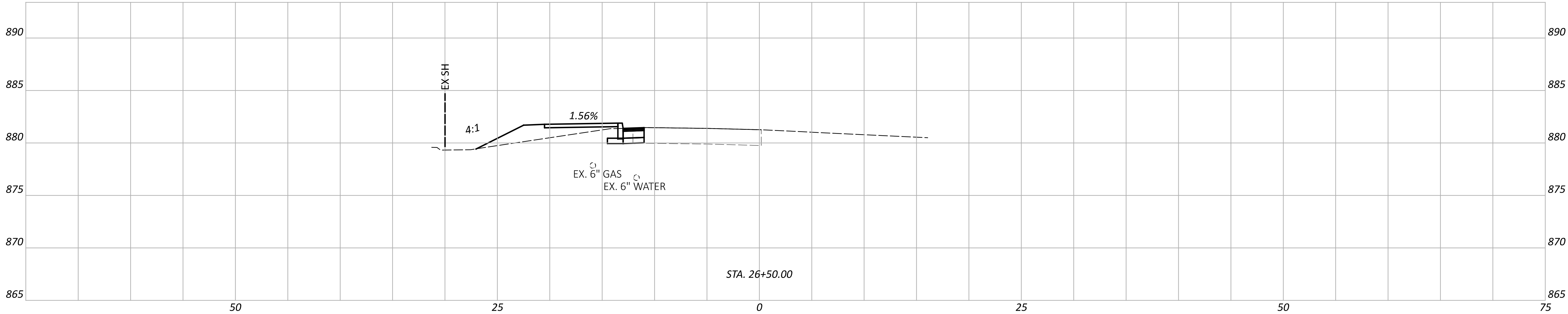
SHEET	TOTAL
P.39	92



CROSS SECTIONS - SR 345 (CARROLL ST)
STA. 24+00.00 TO STA. 25+15.00

DESIGN AGENCY	
TRANSYSTEMS 400 W. NATIONWIDE BLVD., STE 225 COLUMBUS, OHIO 43215	
DESIGNER	
JRC	
REVIEWER	
MSW 10/17/25	
PROJECT ID	
119739	
SHEET TOTAL	
P.40	92

Sheet Totals		
Seeding	Cut	Fill



CROSS SECTIONS - SR 345 (CARROLL ST)
STA. 25+50.00 TO STA. 26+50.00

DESIGN AGENCY
TRANSYSTEMS
400 W. NATIONWIDE BLVD., STE 226
COLUMBUS, OHIO 43215

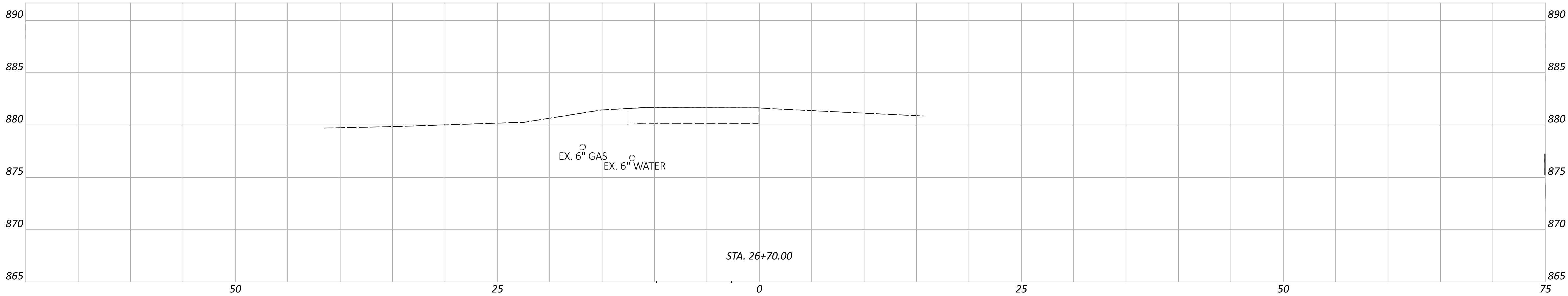
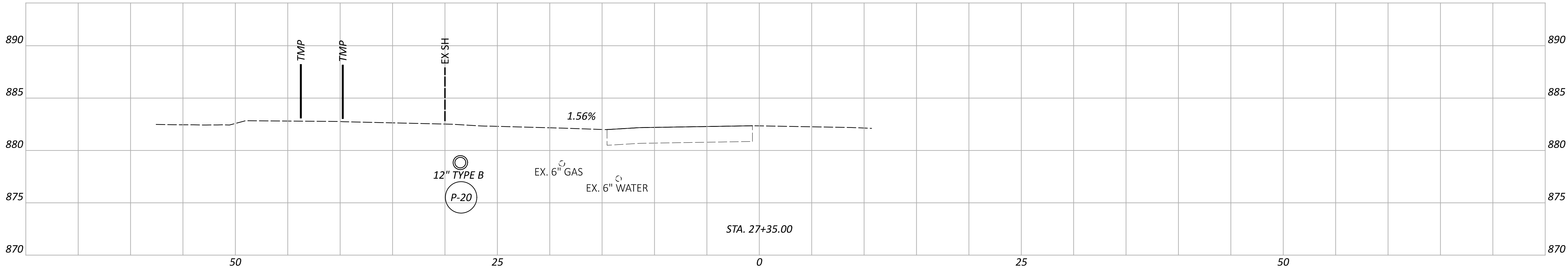
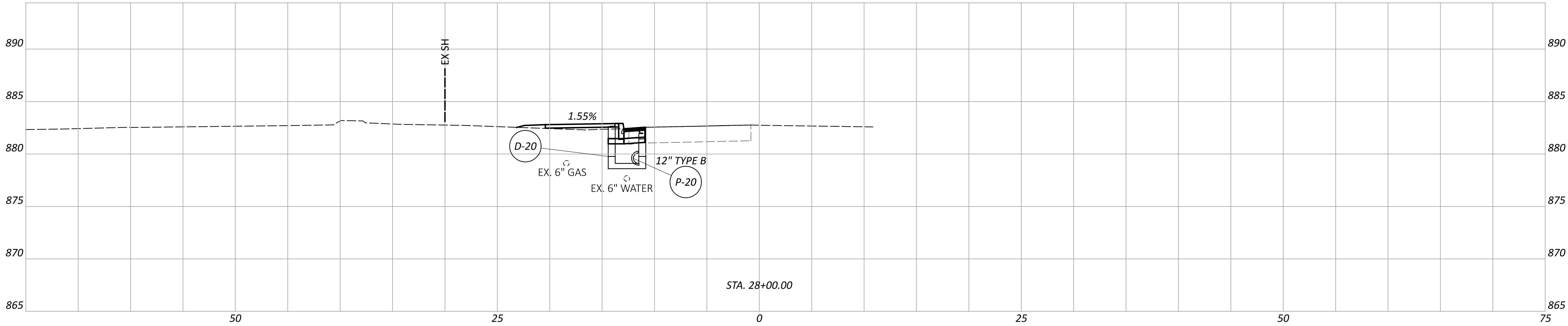
DESIGNER
JRC

REVIEWER
MSW

PROJECT ID
119739

Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.41	92



CROSS SECTIONS - SR 345 (CARROLL ST)
STA. 26+70.00 TO STA. 28+00.00

DESIGN AGENCY
TRANSYSTEMS
400 W. NATIONWIDE BLVD., STE 226
COLUMBUS, OHIO 43215

DESIGNER

JRC

REVIEWER

MSW 10/17/25

PROJECT ID

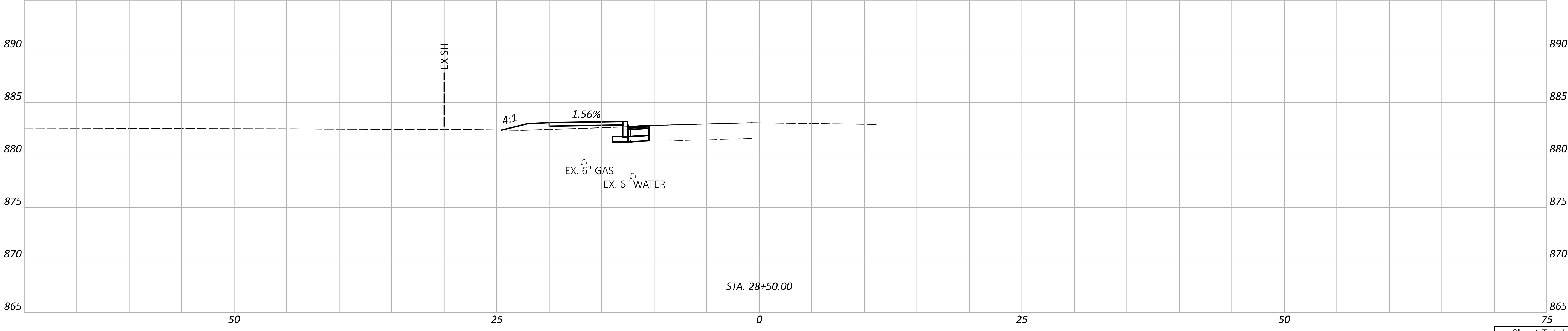
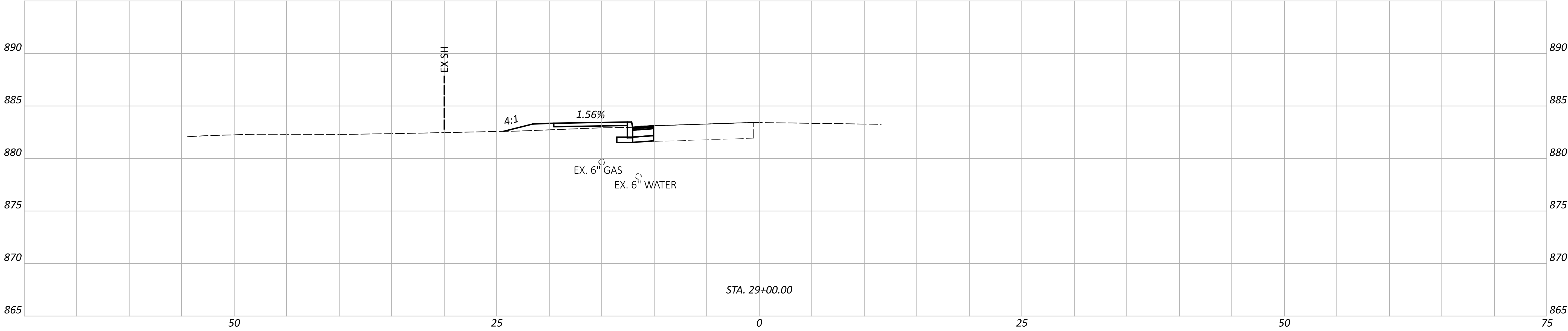
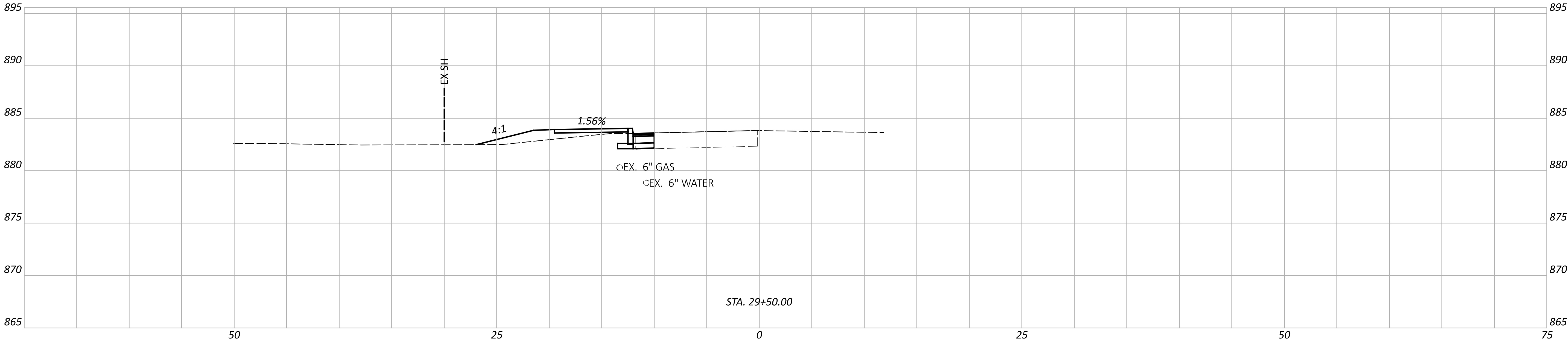
119739

Sheet Totals

Seeding	Cut	Fill
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SHEET	TOTAL
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P.42	92
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CROSS SECTIONS - SR 345 (CARROLL ST)
STA. 28+50.00 TO STA. 29+50.00

DESIGN AGENCY
TRANSYSTEMS
400 W. NATIONWIDE BLVD., STE 226
COLUMBUS, OHIO 43215

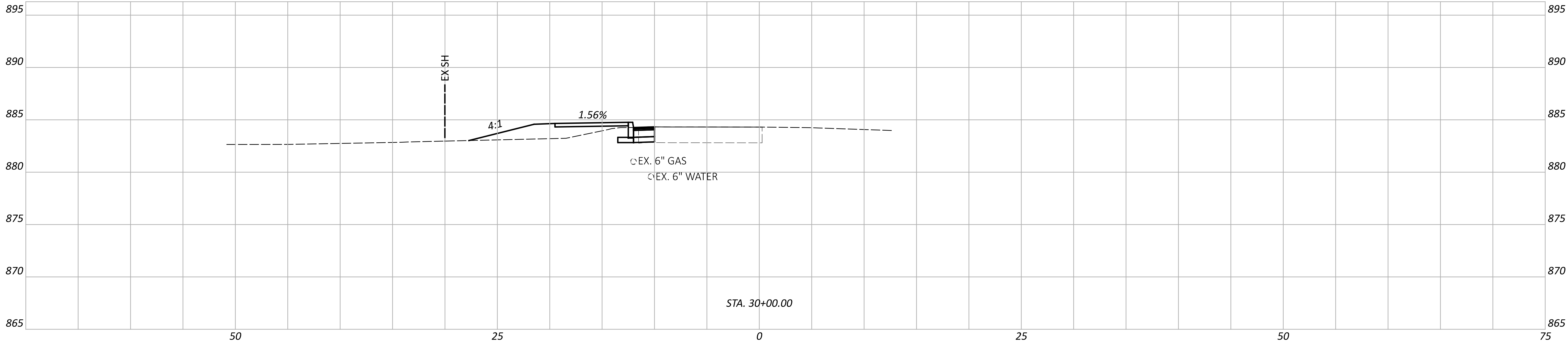
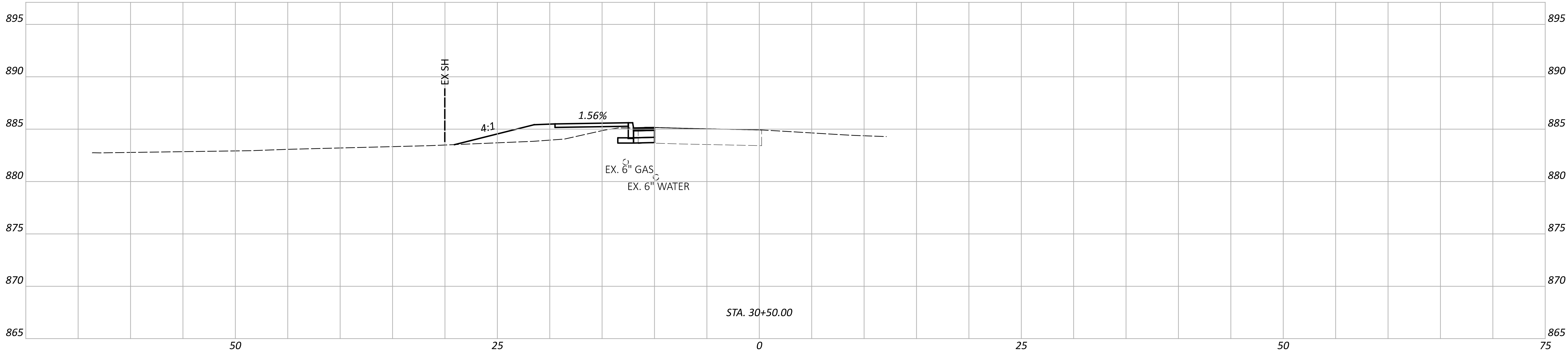
DESIGNER
JRC

REVIEWER
MSW

PROJECT ID
119739

Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.43	92

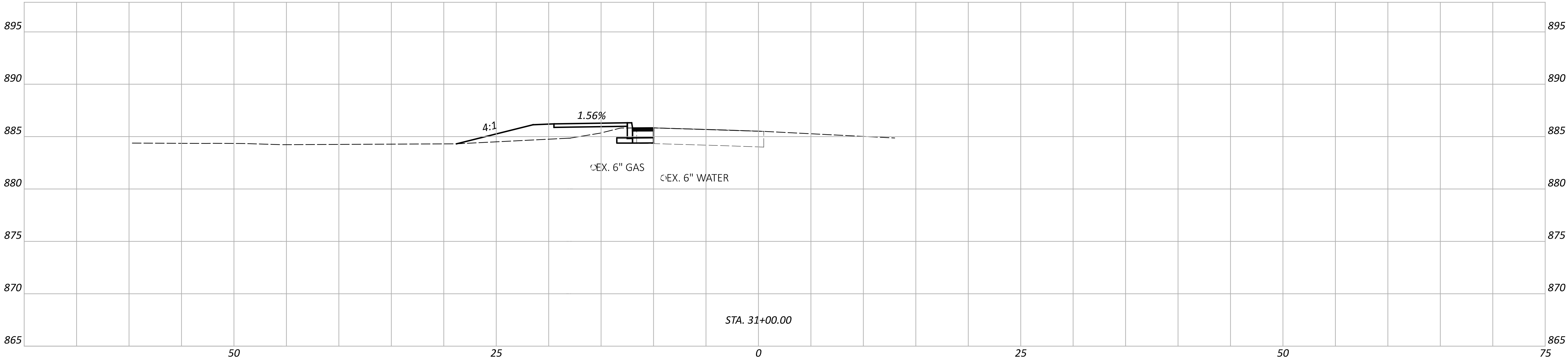
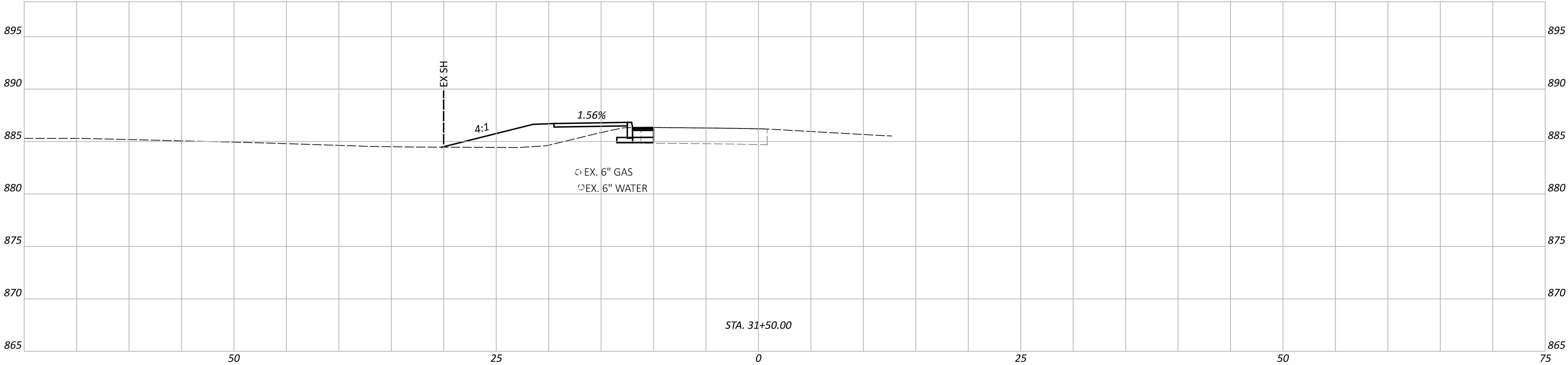


Sheet Totals		
Seeding	Cut	Fill

SHEET	TOTAL
P.44	92

DESIGN AGENCY
TRANSYSTEMS 400 W. NATIONWIDE BLVD., STE 225 COLUMBUS, OHIO 43215
DESIGNER
JRC
REVIEWER
MSW 10/17/25
PROJECT ID
119739

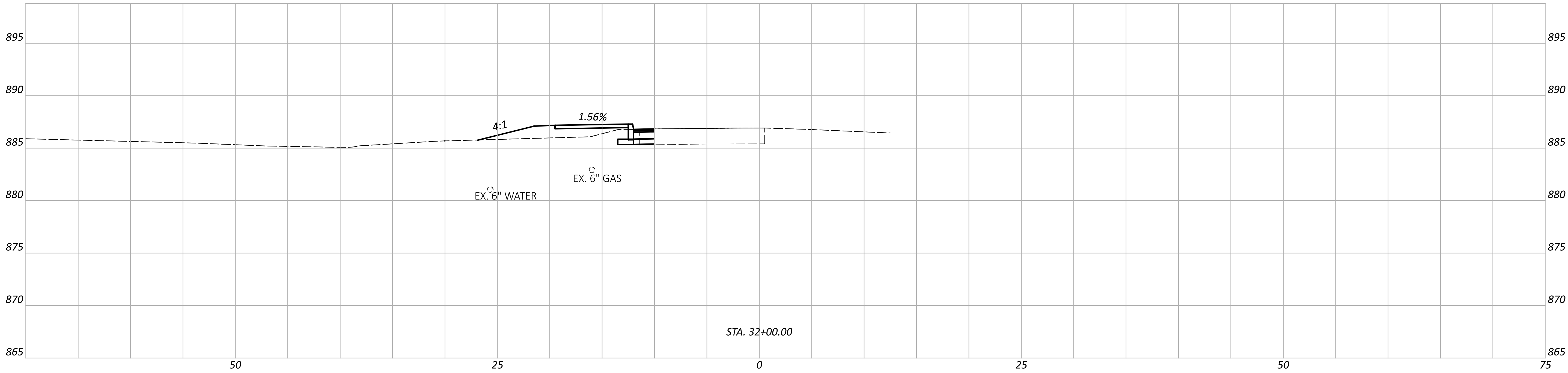
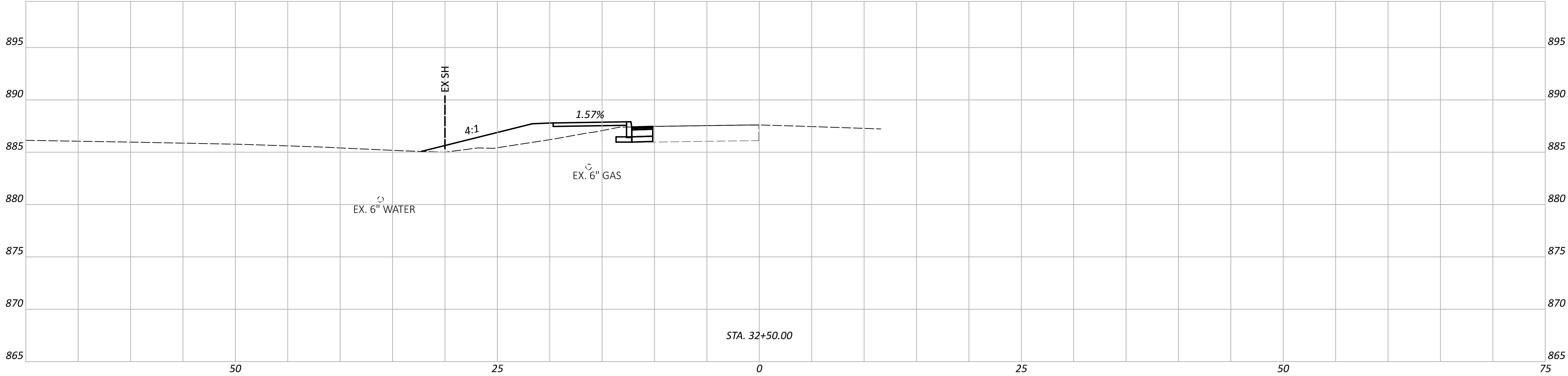
CROSS SECTIONS - SR 345 (CARROLL ST)
STA. 30+00.00 TO STA. 30+50.00



CROSS SECTIONS - SR 345 (CARROLL ST)
STA. 31+00.00 TO STA. 31+50.00

DESIGN AGENCY	
TRANSYSTEMS	
400 W. NATIONWIDE BLVD., STE 226	
COLUMBUS, OHIO 43215	
DESIGNER	
JRC	
REVIEWER	
MSW 10/17/25	
PROJECT ID	
119739	
SHEET	
P.45	
TOTAL	
92	

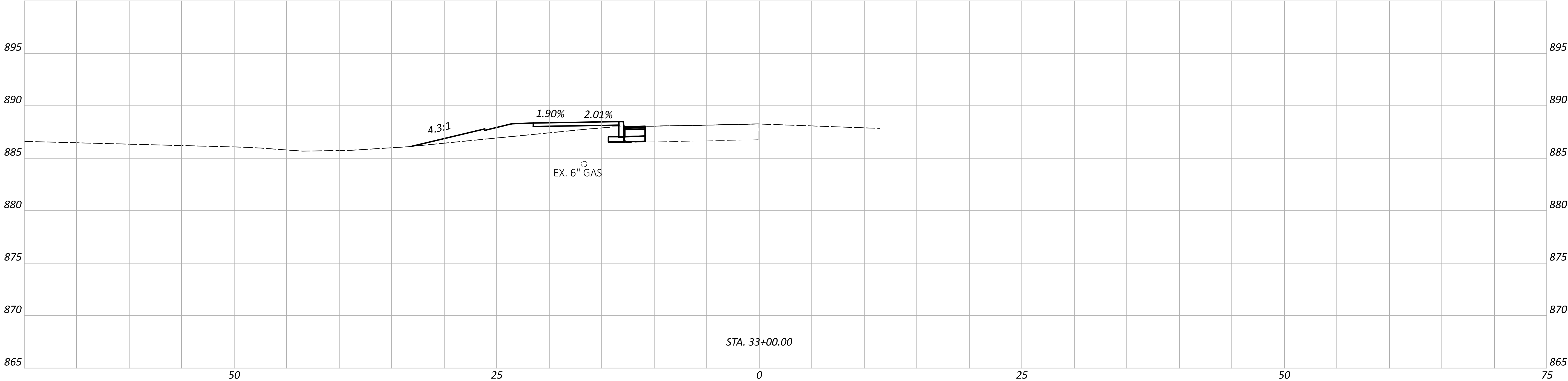
Sheet Totals		
Seeding	Cut	Fill



CROSS SECTIONS - SR 345 (CARROLL ST)
STA. 32+00.00 TO STA. 32+50.00

DESIGN AGENCY	
TRANSYSTEMS 400 W. NATIONWIDE BLVD., STE 226 COLUMBUS, OHIO 43215	
DESIGNER	
JRC	
REVIEWER	
MSW 10/17/25	
PROJECT ID	
119739	
SHEET	TOTAL
P.46	92

Sheet Totals		
Seeding	Cut	Fill



Sheet Totals			SHEET	TOTAL
Seeding	Cut	Fill		
			P.47	92

DESIGN AGENCY

TRANSYSTEMS
400 W. NATIONWIDE BLVD., STE 226
COLUMBUS, OHIO 43215

DESIGNER

JRC

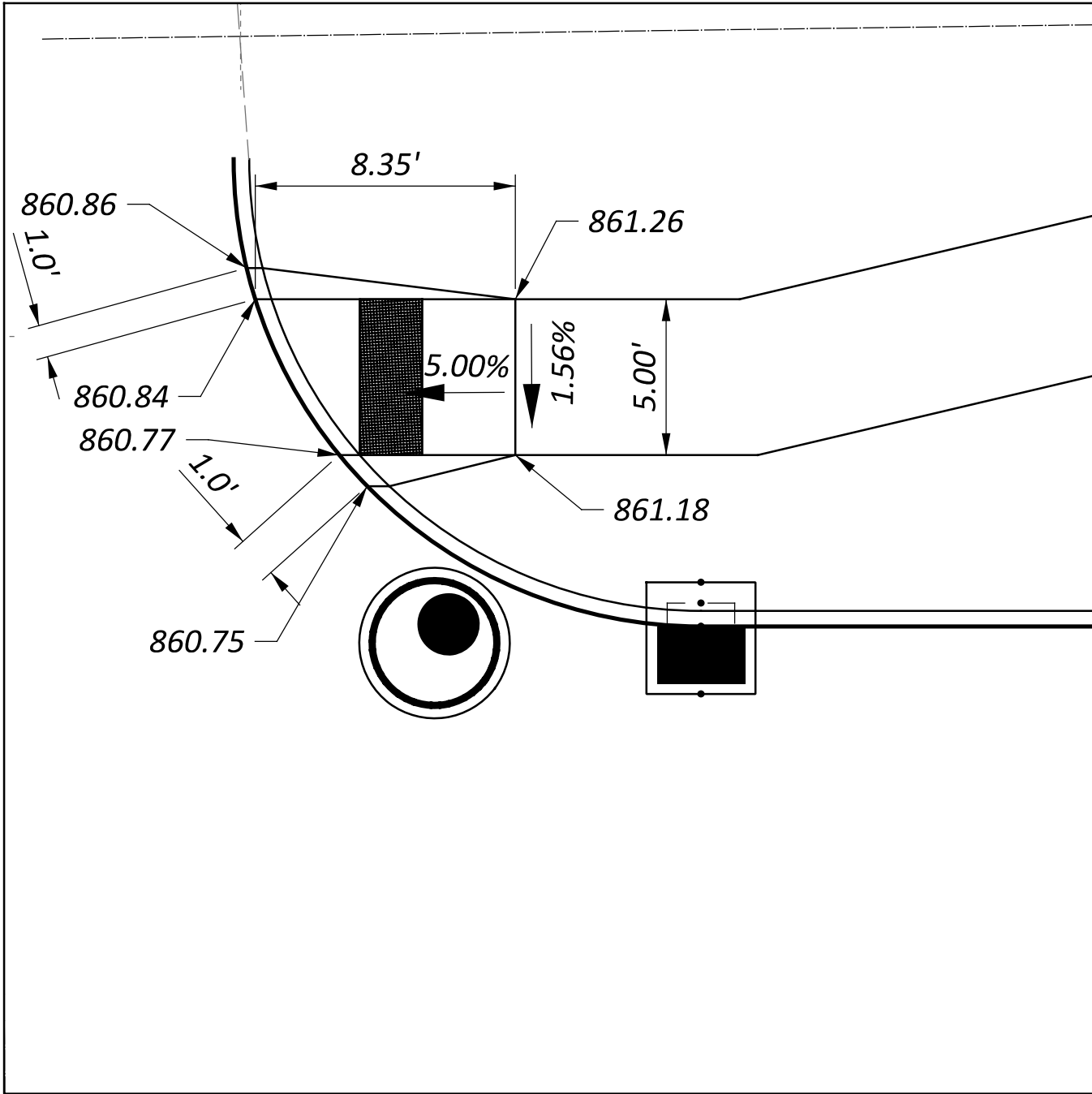
REVIEWER

MSW 10/17/25

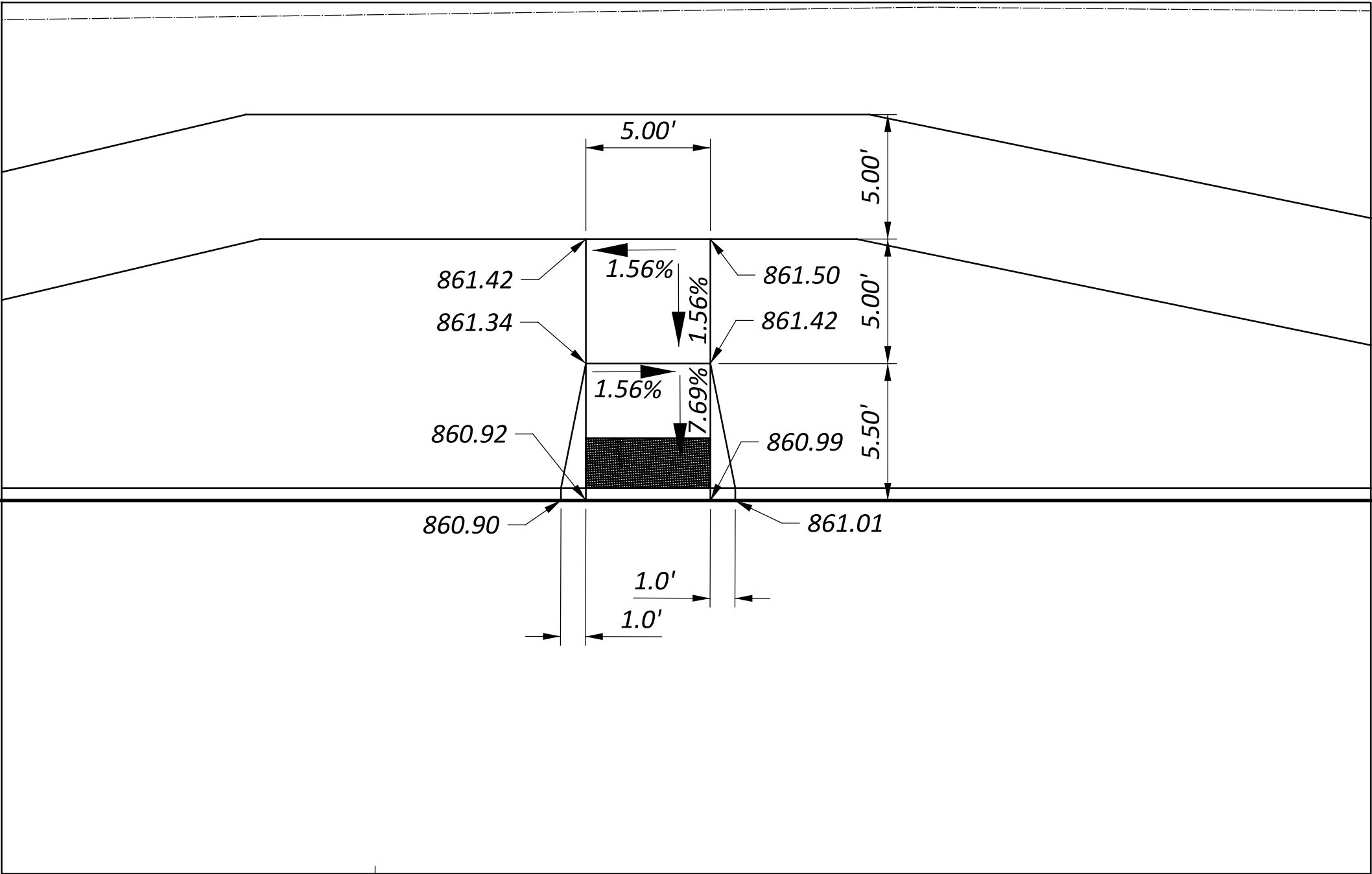
PROJECT ID

119739

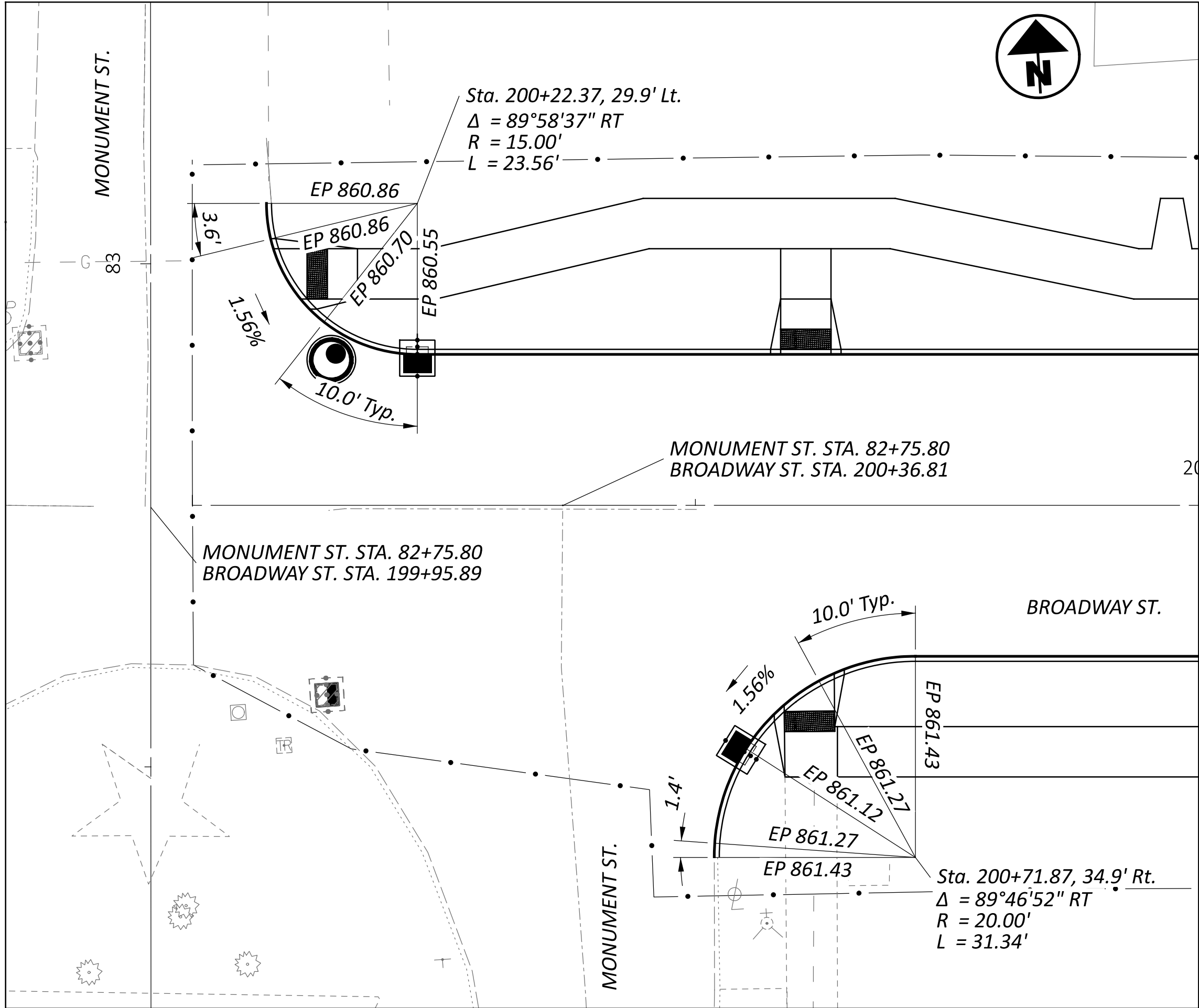
CROSS SECTIONS - SR 345 (CARROLL ST)
STA. 33+00.00



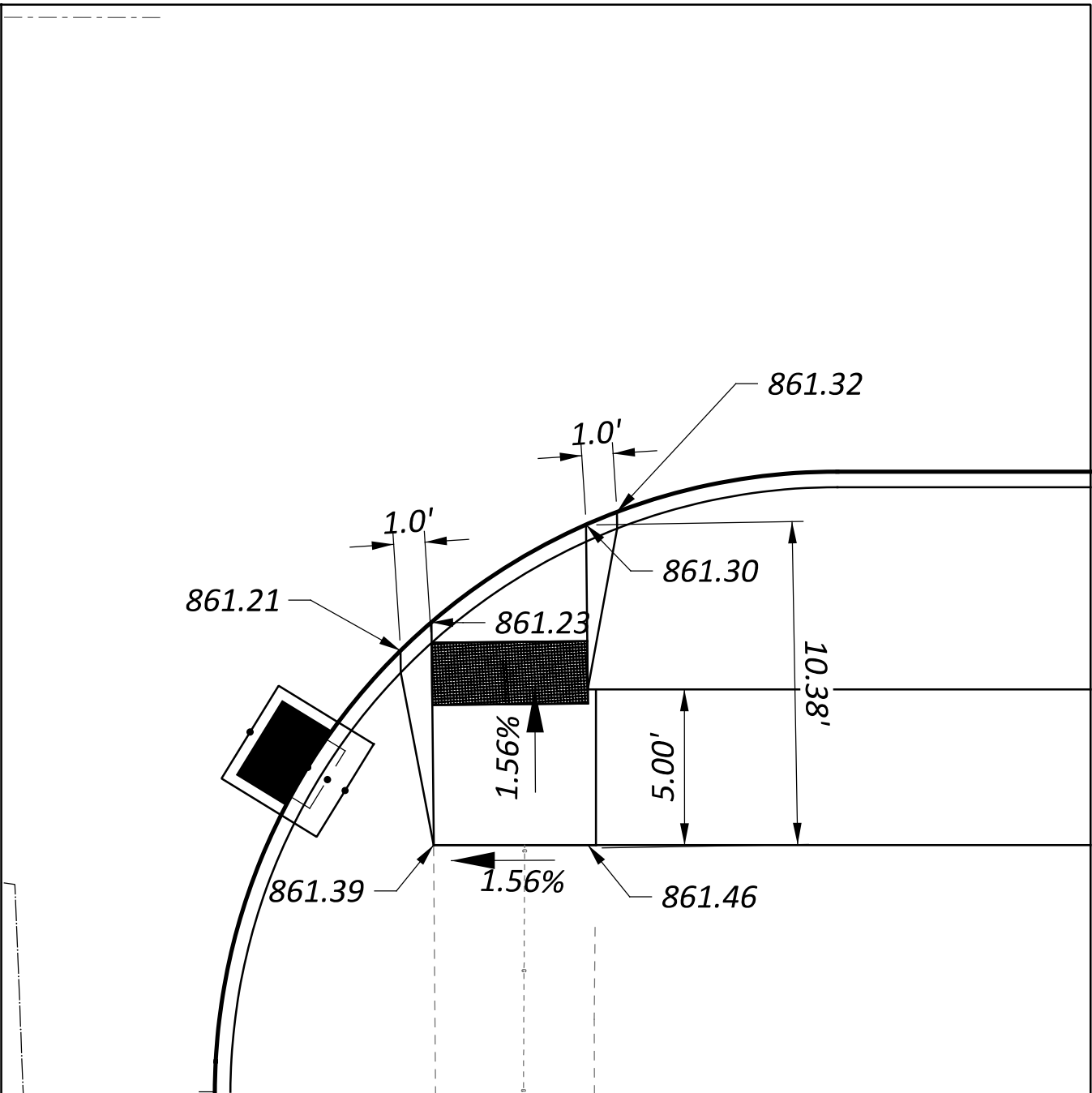
CURB RAMP DETAIL
SCALE: 1" = 5'



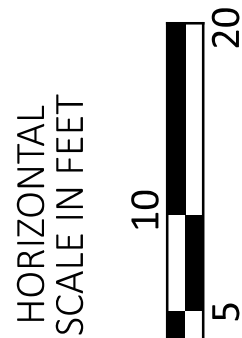
CURB RAMP DETAIL
SCALE: 1" = 5'



INTERSECTION DETAIL AT BROADWAY ST & MONUMENT ST
SCALE: 1" = 10'

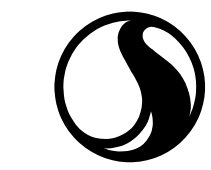


CURB RAMP DETAIL
SCALE: 1" = 5'



INTERSECTION DETAIL SHEET
BROADWAY STREET AND MONUMENT STREET

DESIGN AGENCY



10200 Alliance Road,
Suite 300
Cincinnati, OH 45242
(513) 842-8200

DESIGNER

HEW

REVIEWER

ZTM 10/17/25

PROJECT ID

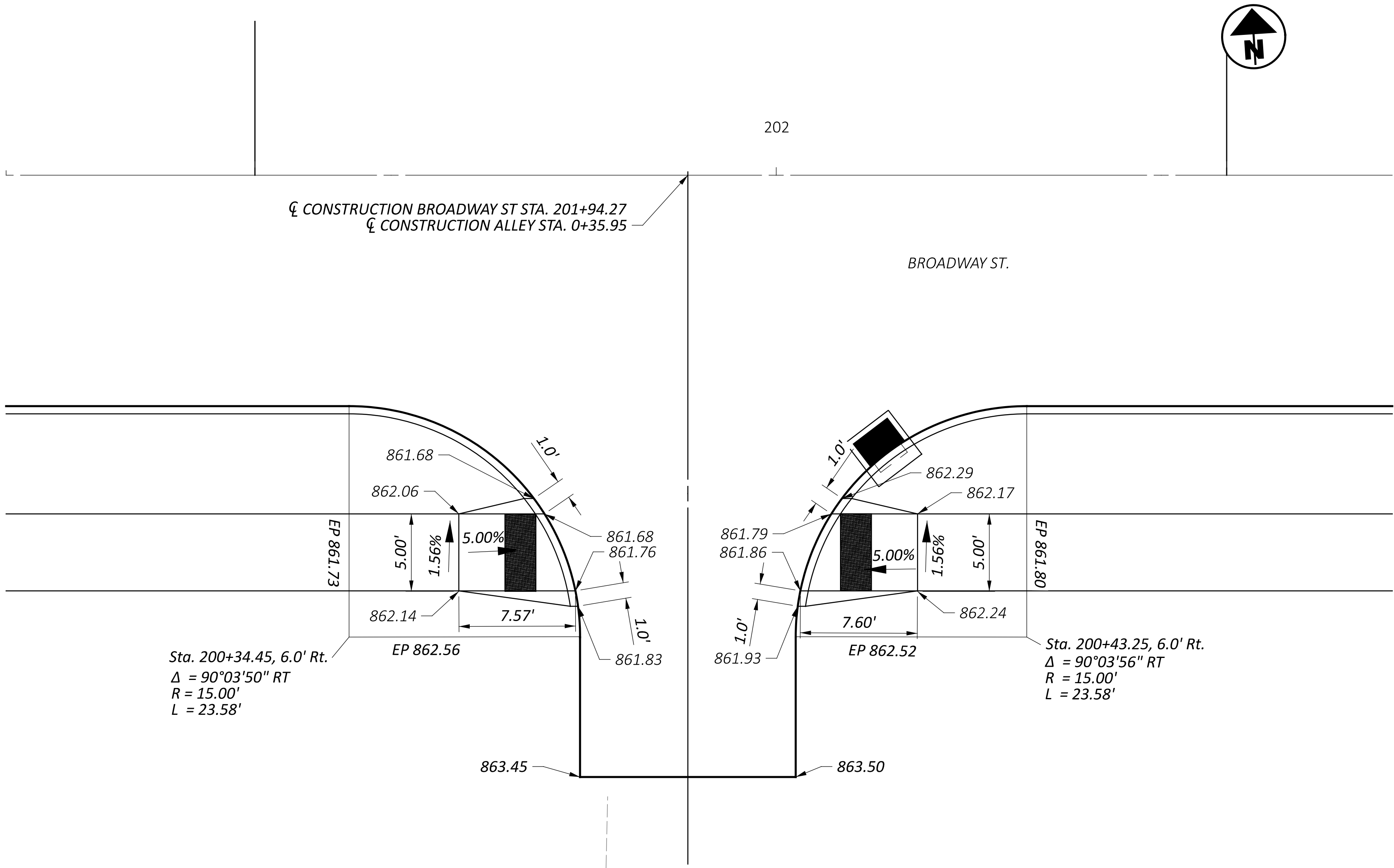
119739

SHEET

P.48

TOTAL

92



INTERSECTION DETAIL
ALLEY AT STA. 201+94.27

DESIGN AGENCY



DESIGNER

HEW

REVIEWER

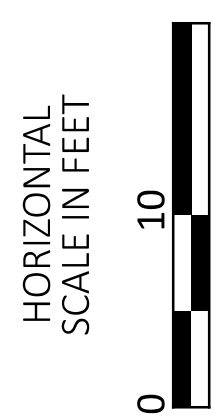
ZTM 10/17/25

PROJECT ID

119739

SHEET TOTAL

P.49 92



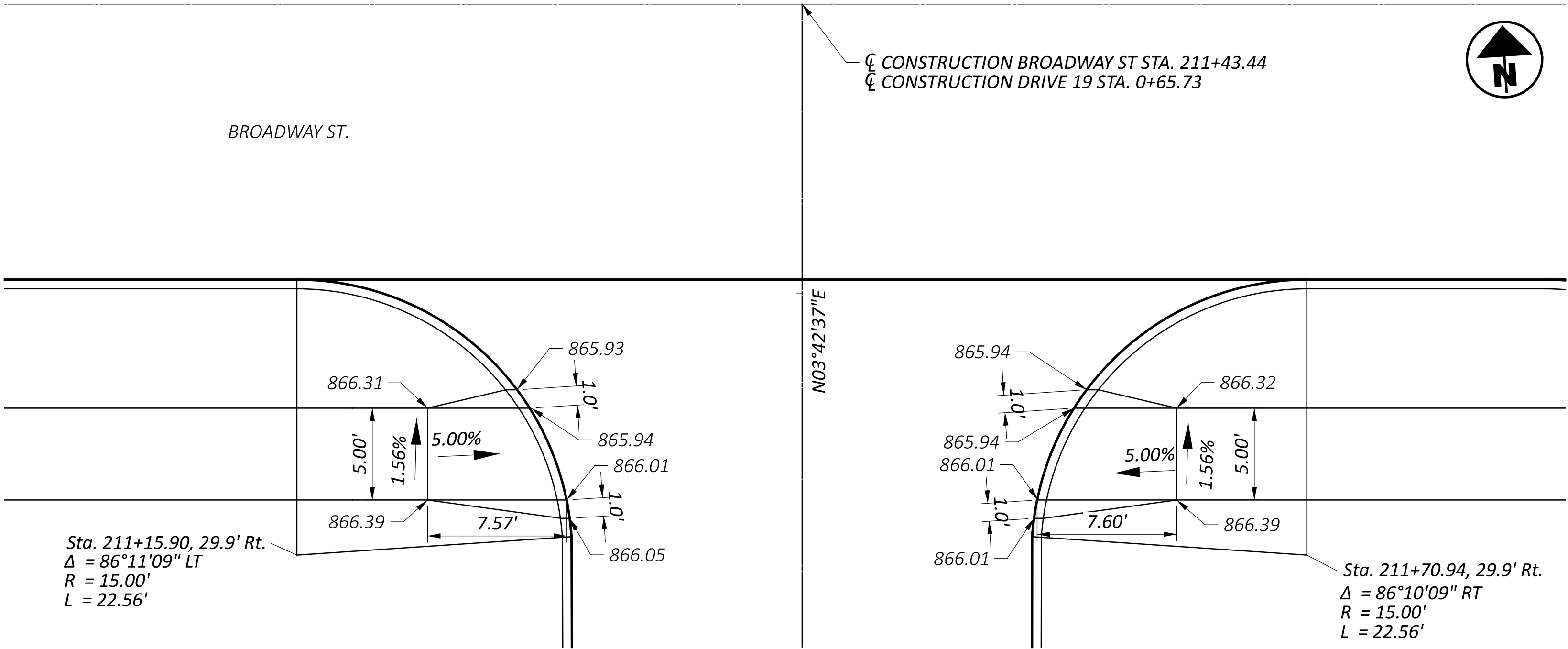
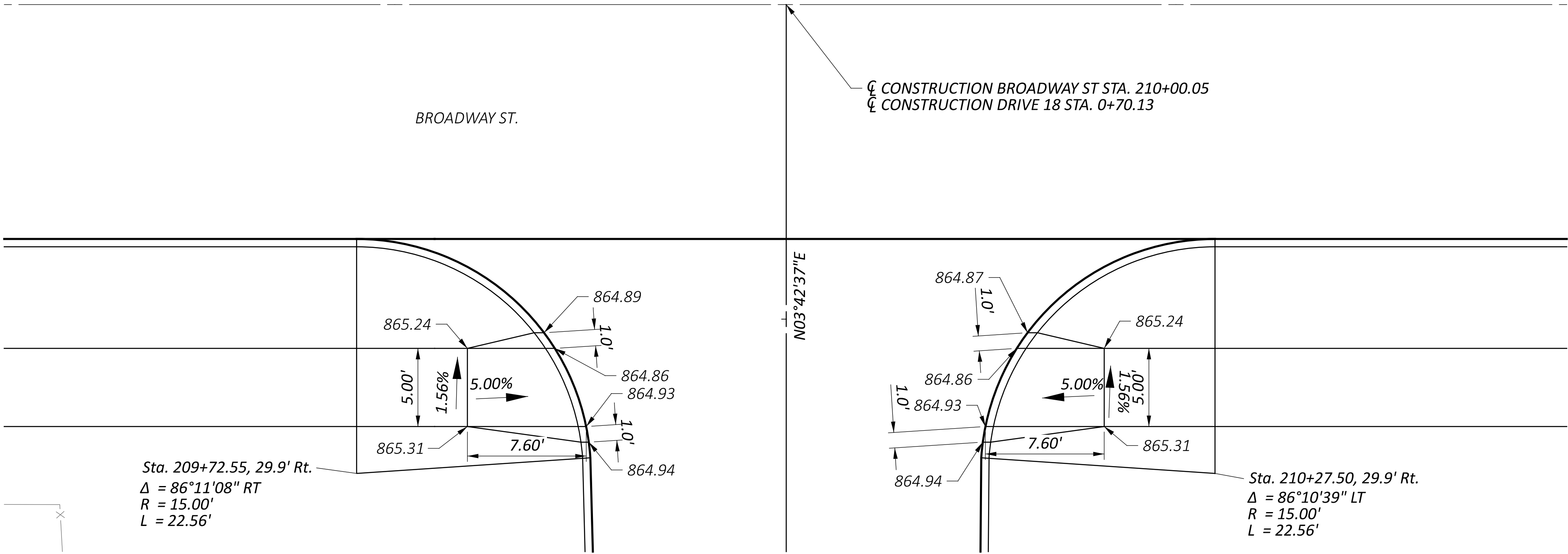
PER-345-0.00/0.25



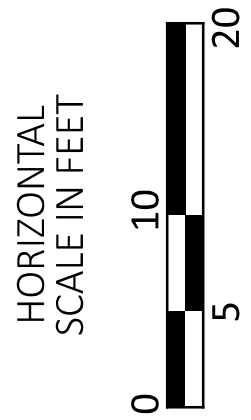
INTERSECTION DETAIL

BROADWAY STREET AND CENTER STREET

SHEET	TOTAL
P.50	91



CURB RAMP DETAIL
BROADWAY STREET AND TACO BELL



DESIGN AGENCY



DESIGNER

HEW

REVIEWER

ZTM 10/17/25

PROJECT ID

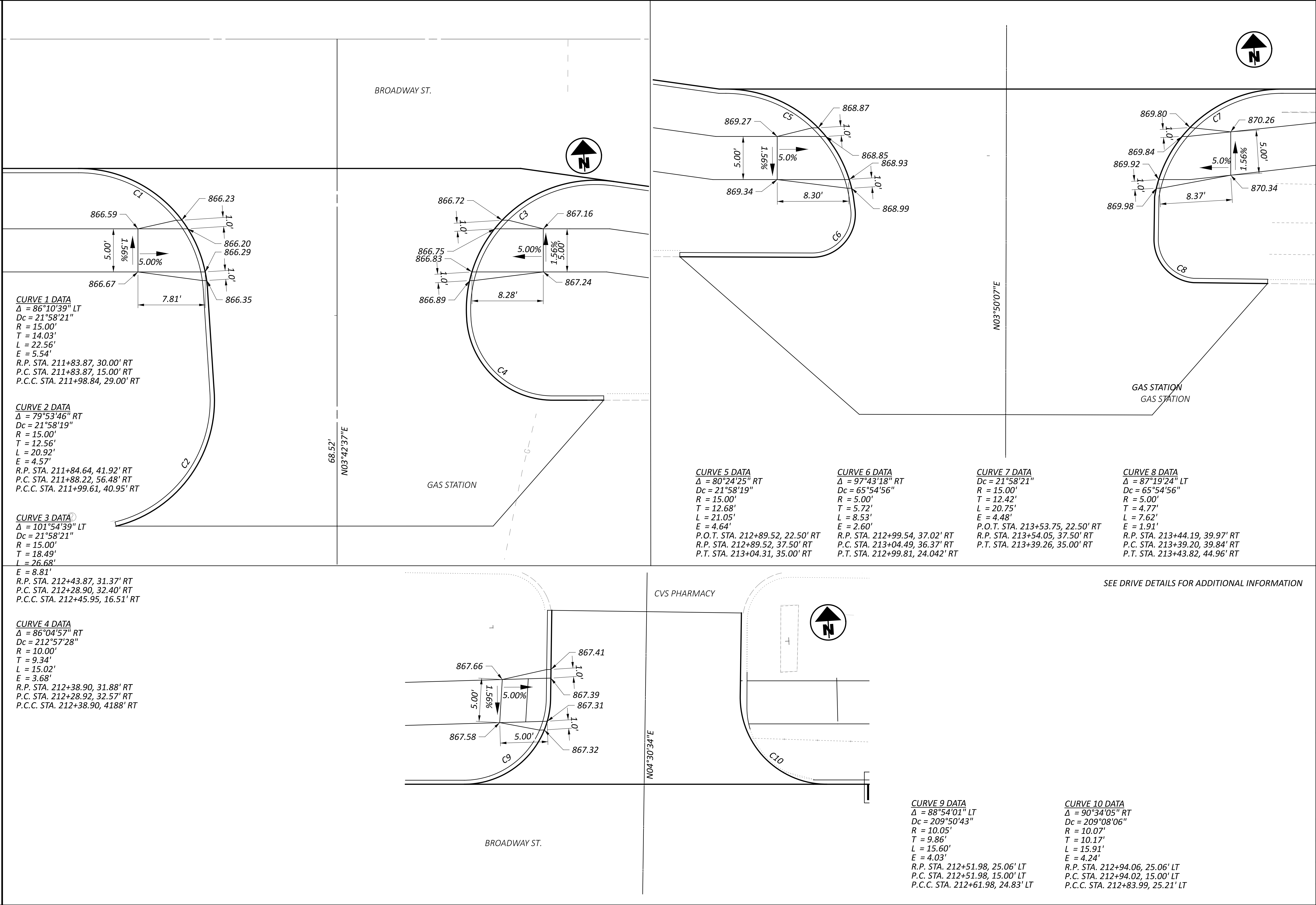
119739

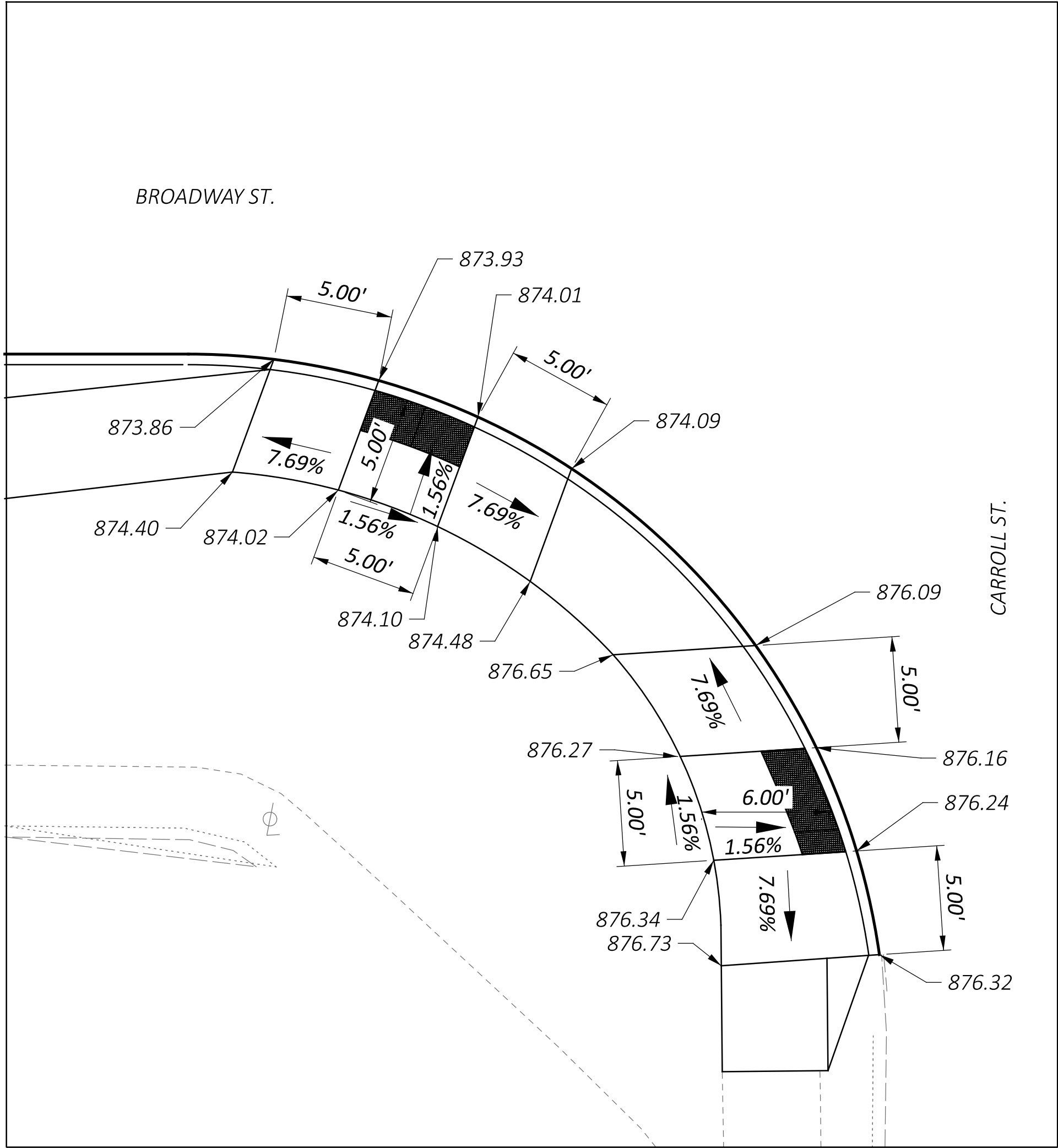
SHEET

P.51

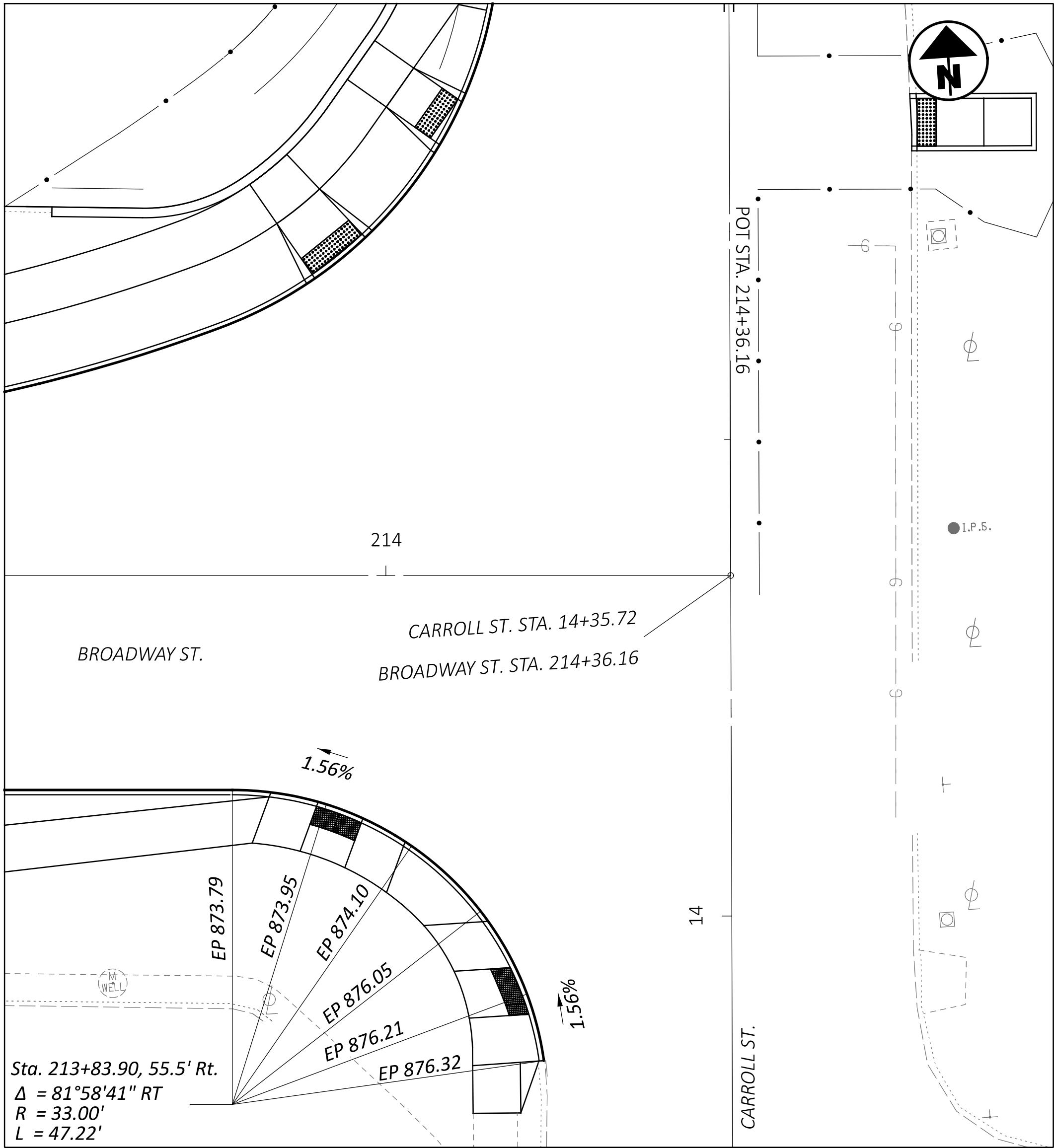
TOTAL

92



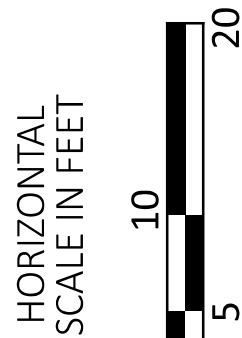


CURB RAMP DETAIL
SCALE: 1" = 5'

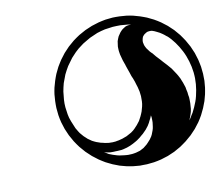


INTERSECTION DETAIL AT BROADWAY ST & CARROLL ST
SCALE: 1" = 10'

INTERSECTION DETAIL
BROADWAY STREET AND CARROLL STREET



DESIGN AGENCY



10200 Alliance Road,
Suite 300
Cincinnati, OH 45242
(513) 842-8200

DESIGNER

HEW

REVIEWER

ZTM 10/17/25

PROJECT ID

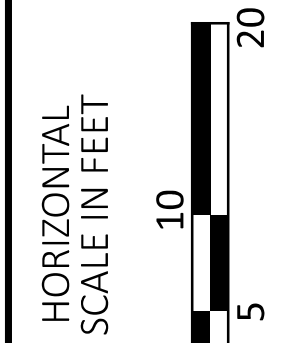
119739

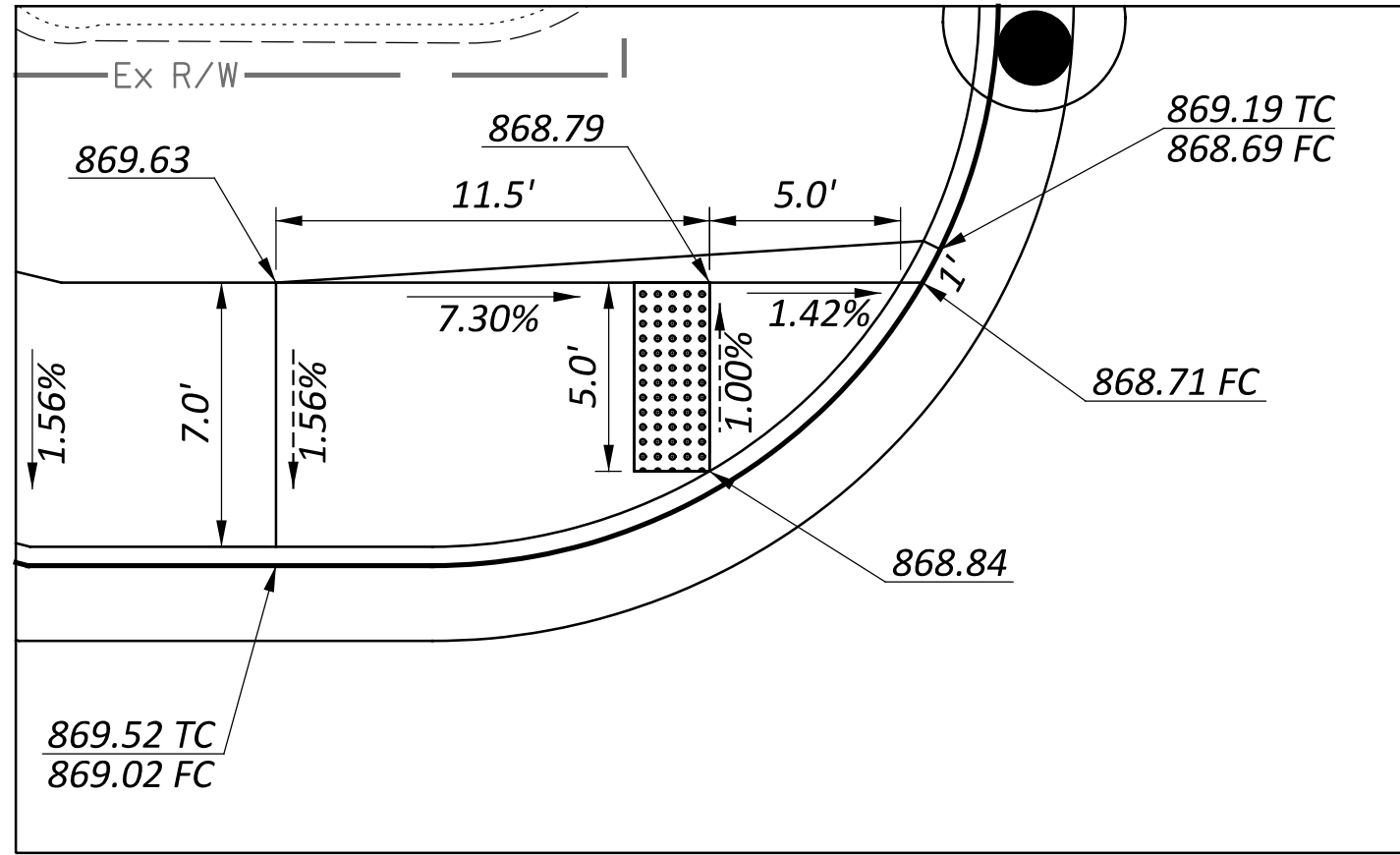
SHEET

P.53

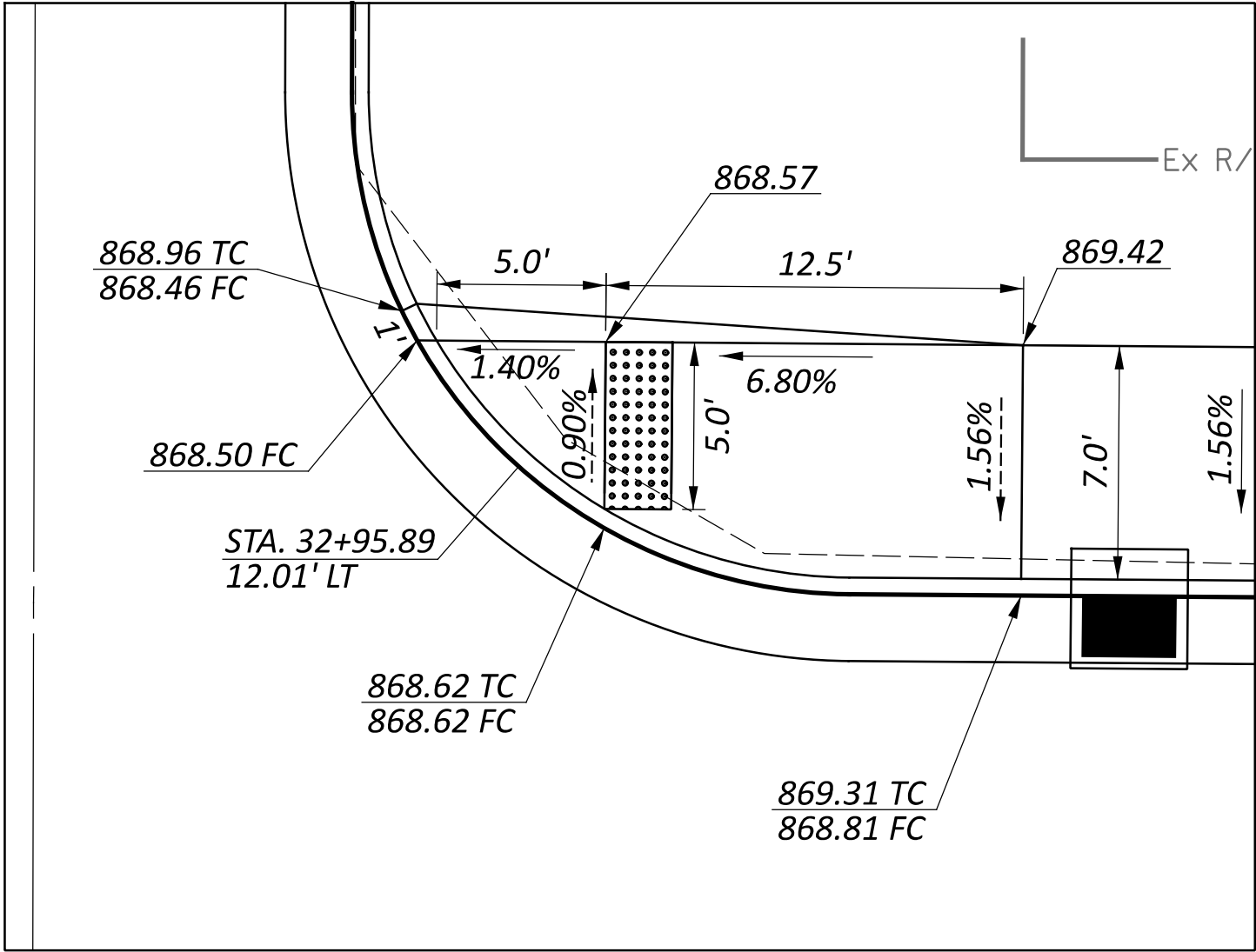
TOTAL

92

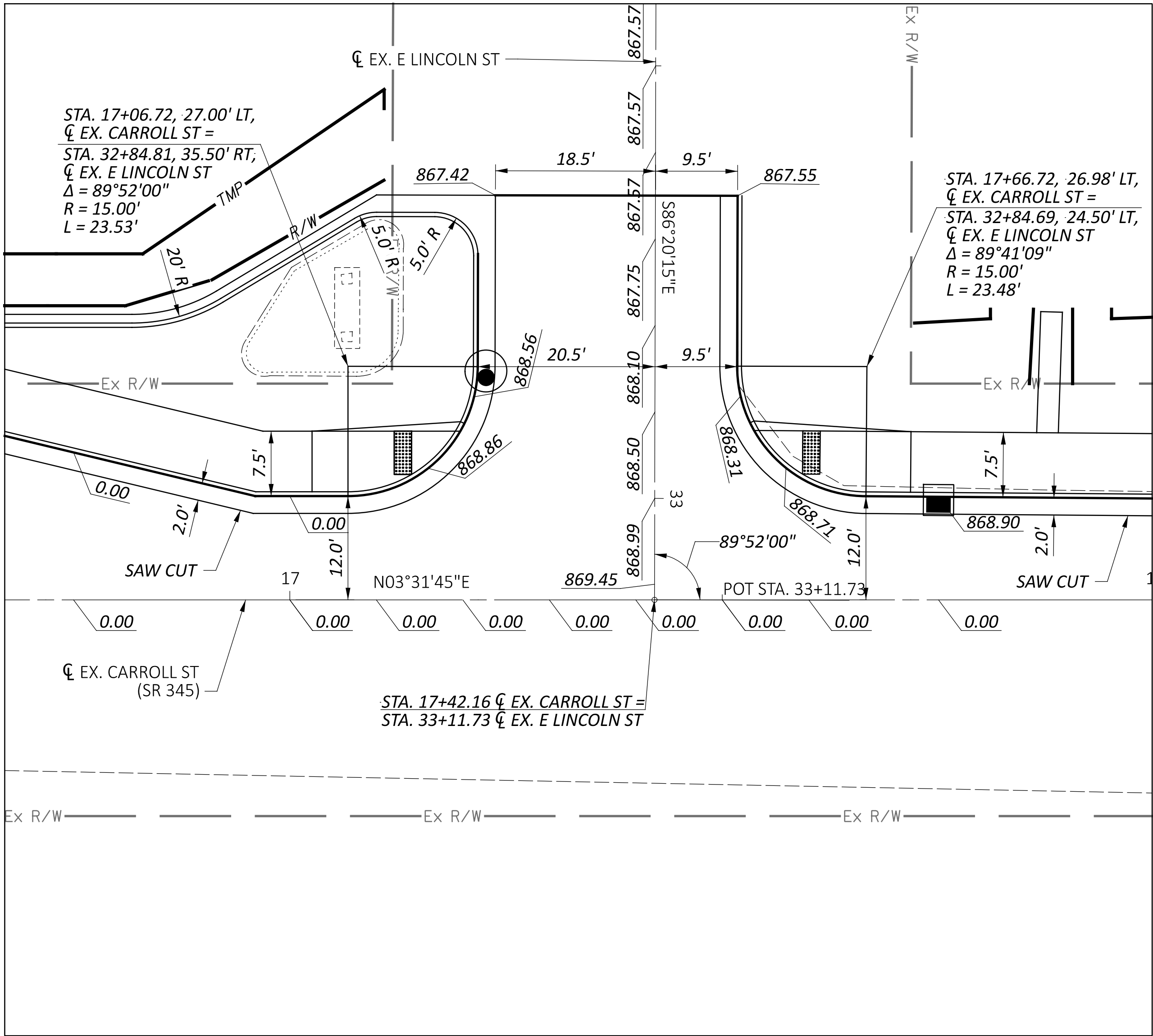




SOUTHWEST CURB RAMP DETAIL (TYPE B3)
SCALE: 1" = 5'

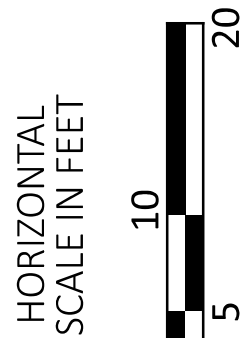


NORTHWEST CURB RAMP DETAIL (TYPE B3)
SCALE: 1" = 5'



INTERSECTION AT CARROLL ST AND E LINCOLN ST
SCALE: 1" = 10'

INTERSECTION& CURB RAMP DETAILS
CARROLL ST & E LINCOLN ST



DESIGN AGENCY

TRANSYSTEMS
400 W. NATIONWIDE BLVD., STE 226
COLUMBUS, OHIO 43215

DESIGNER

JRC

REVIEWER

MSW 10/17/25

PROJECT ID

119739

SHEET

P.55

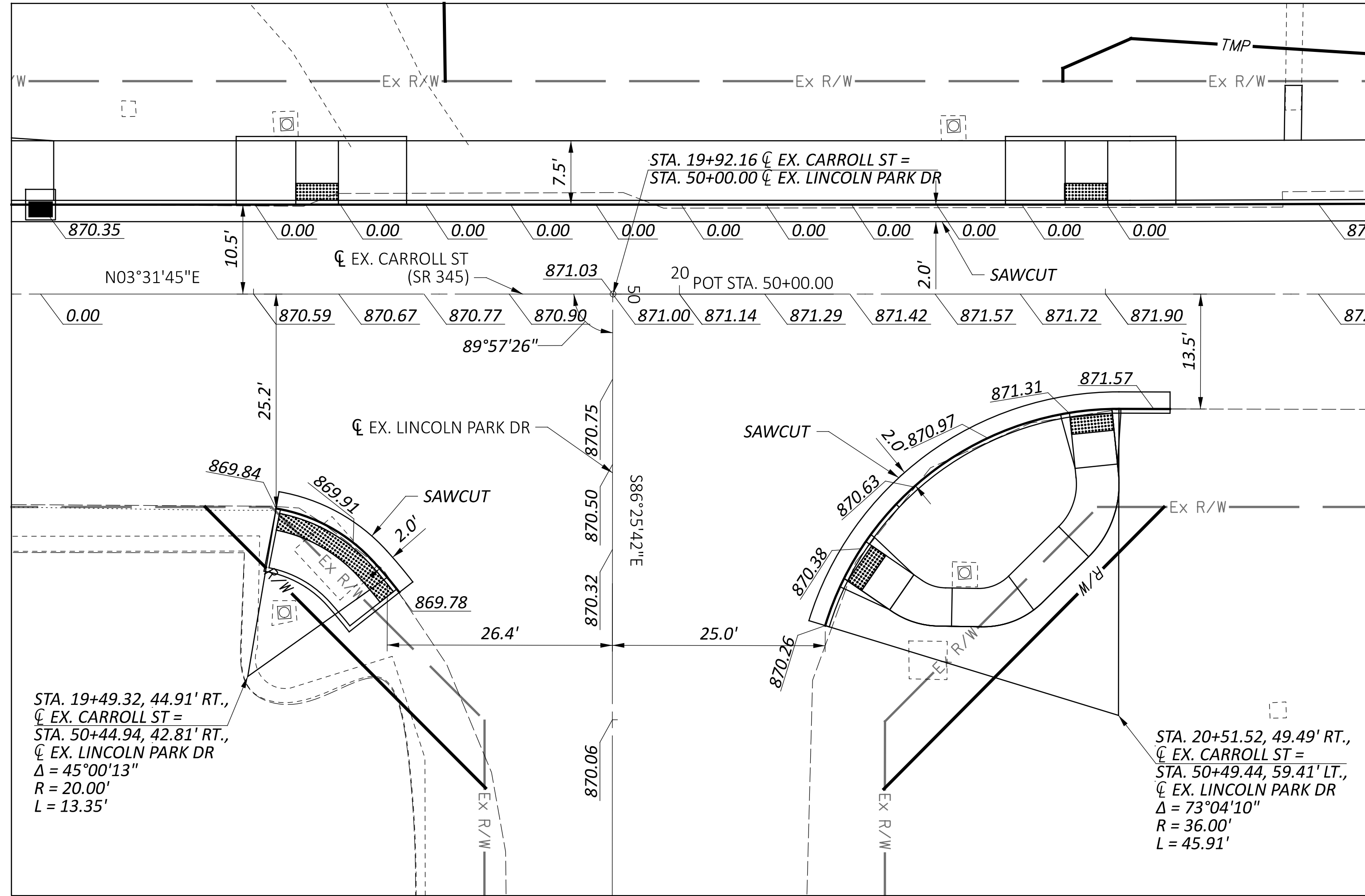
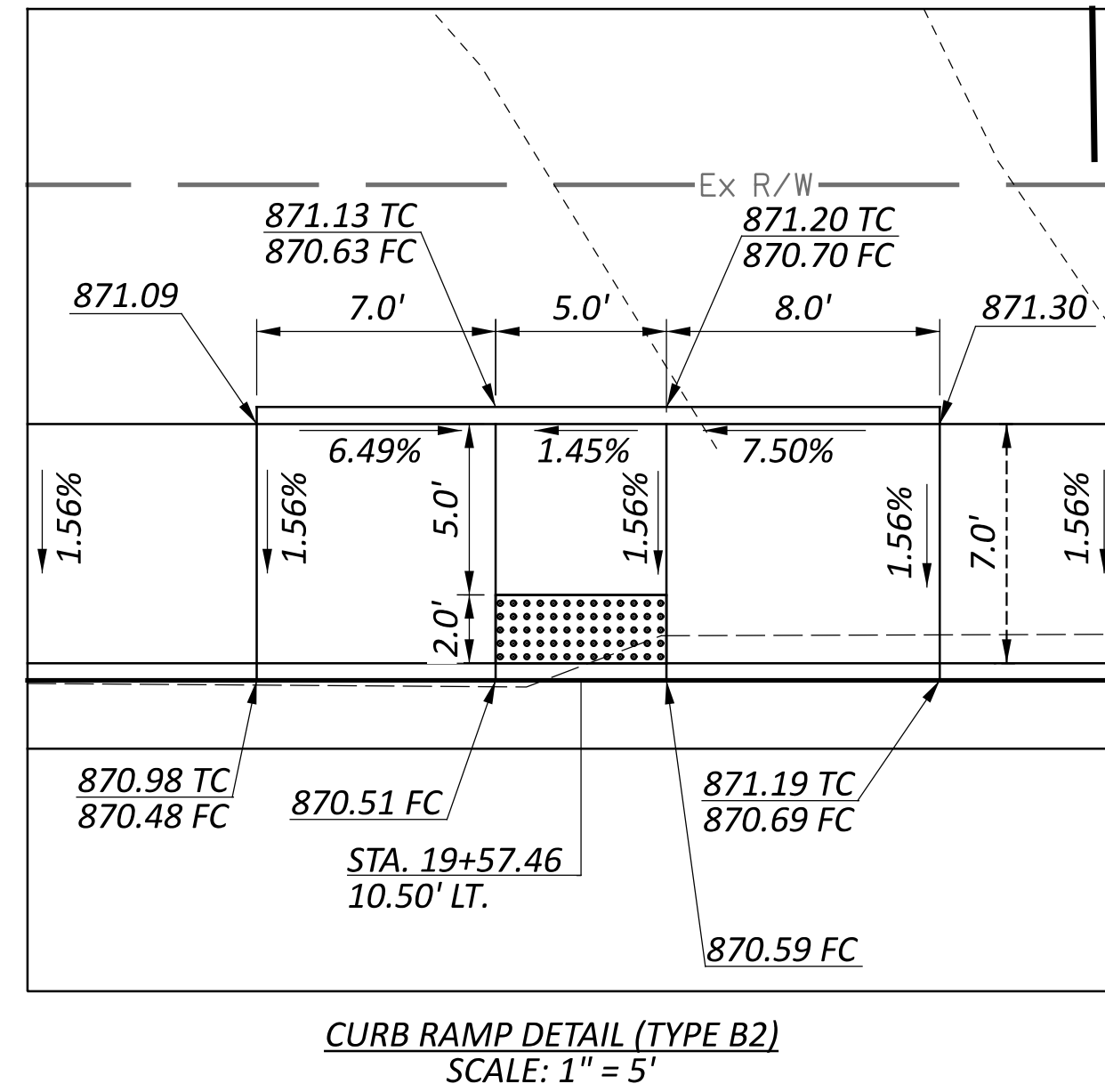
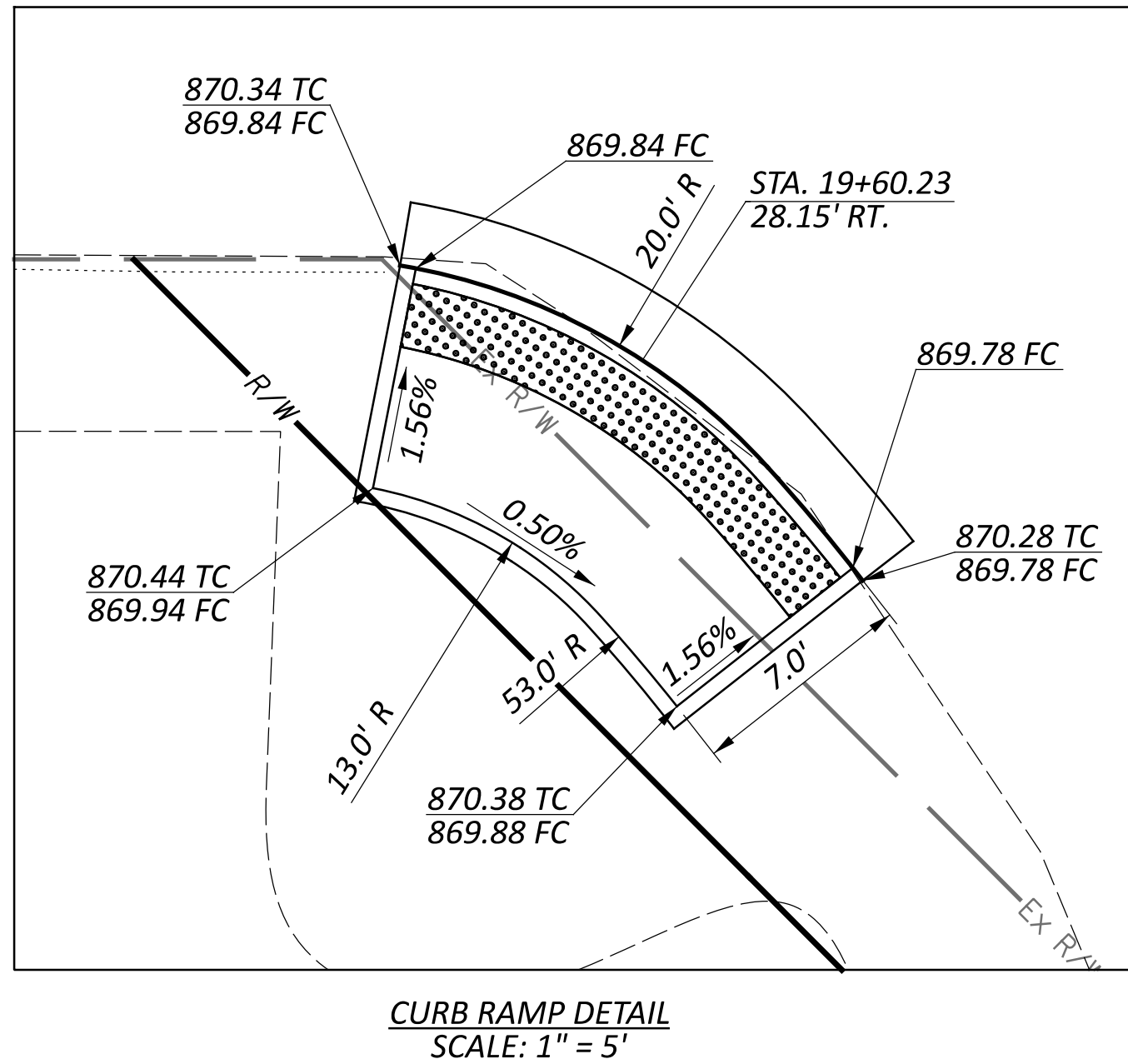
TOTAL

92

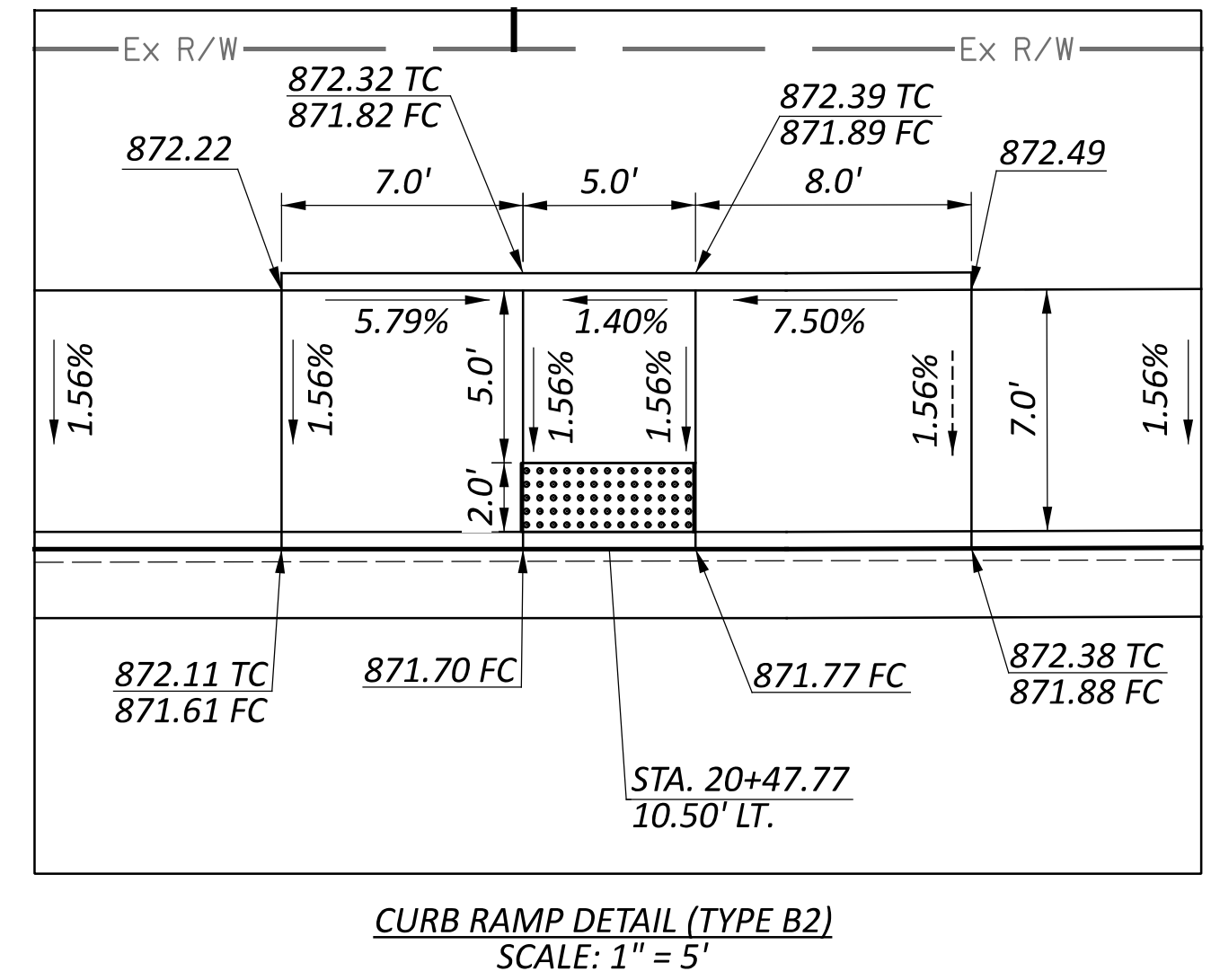
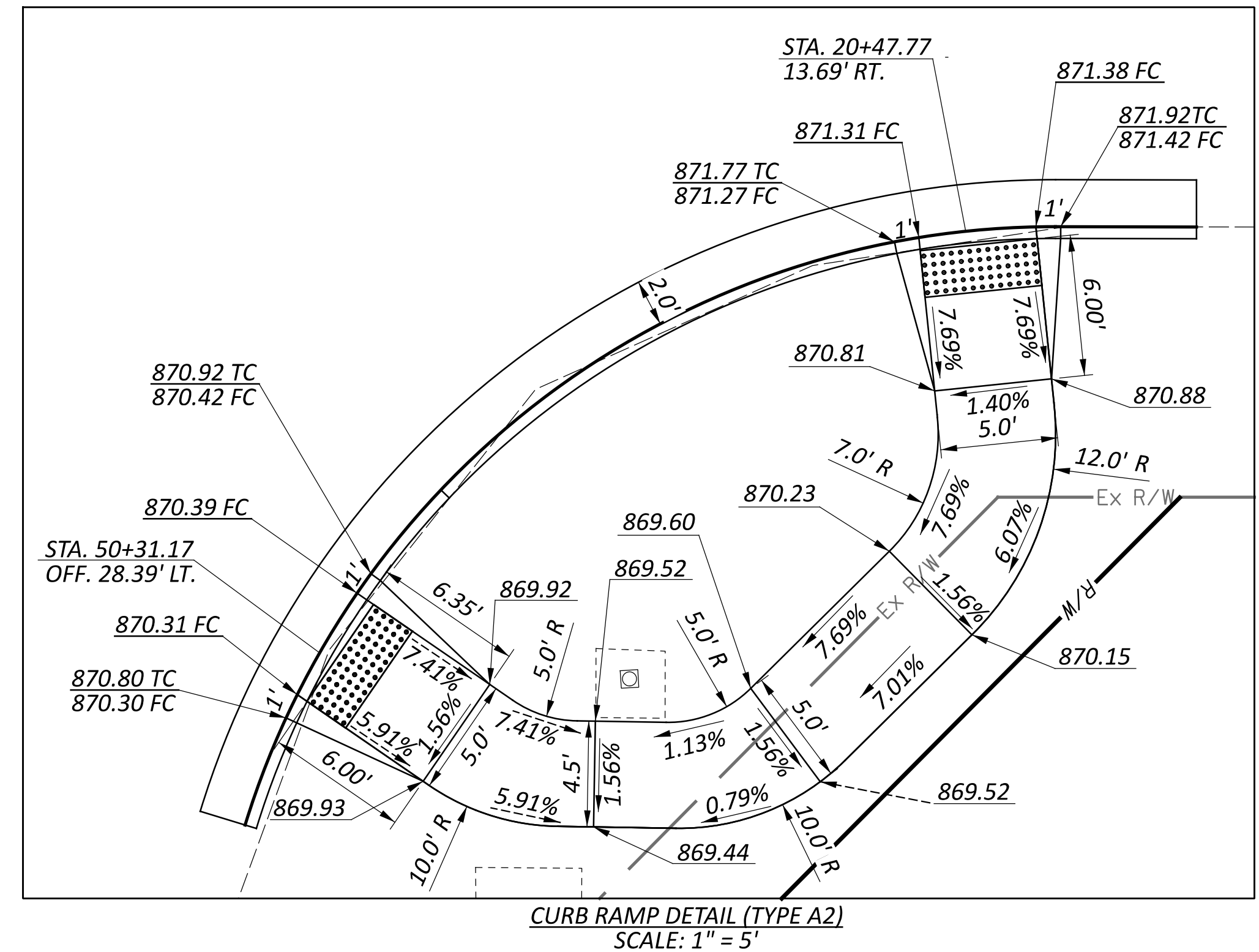


PER-345-0.00/0.25

MODEL 04 LINCOLN PARK DRIVE [SHEET] PAPER SIZE: 34x22 (in.) DATE: 10/17/2025 TIME: 2:44:32 PM USER: tjakirre
 pw:\Yhc-pwim01.a.e-transyscorp.com\transyscorp-pw\Documents\Projects_2023\CO403\40323007A\Agency_Folders\401-Engineering_TransSystems\Roadway\Sheets\119739_GI001.dgn



INTERSECTION DETAIL AT CARROLL ST AND LINCOLN PARK DR
SCALE: 1" = 10'



INTERSECTION & CURB RAMP DETAILS
CARROLL ST & LINCOLN PARK DR

SIGN AGENCY

TRANSYSTEMS
100 W. NATIONWIDE BLVD STE 225

SIGNER

JRC

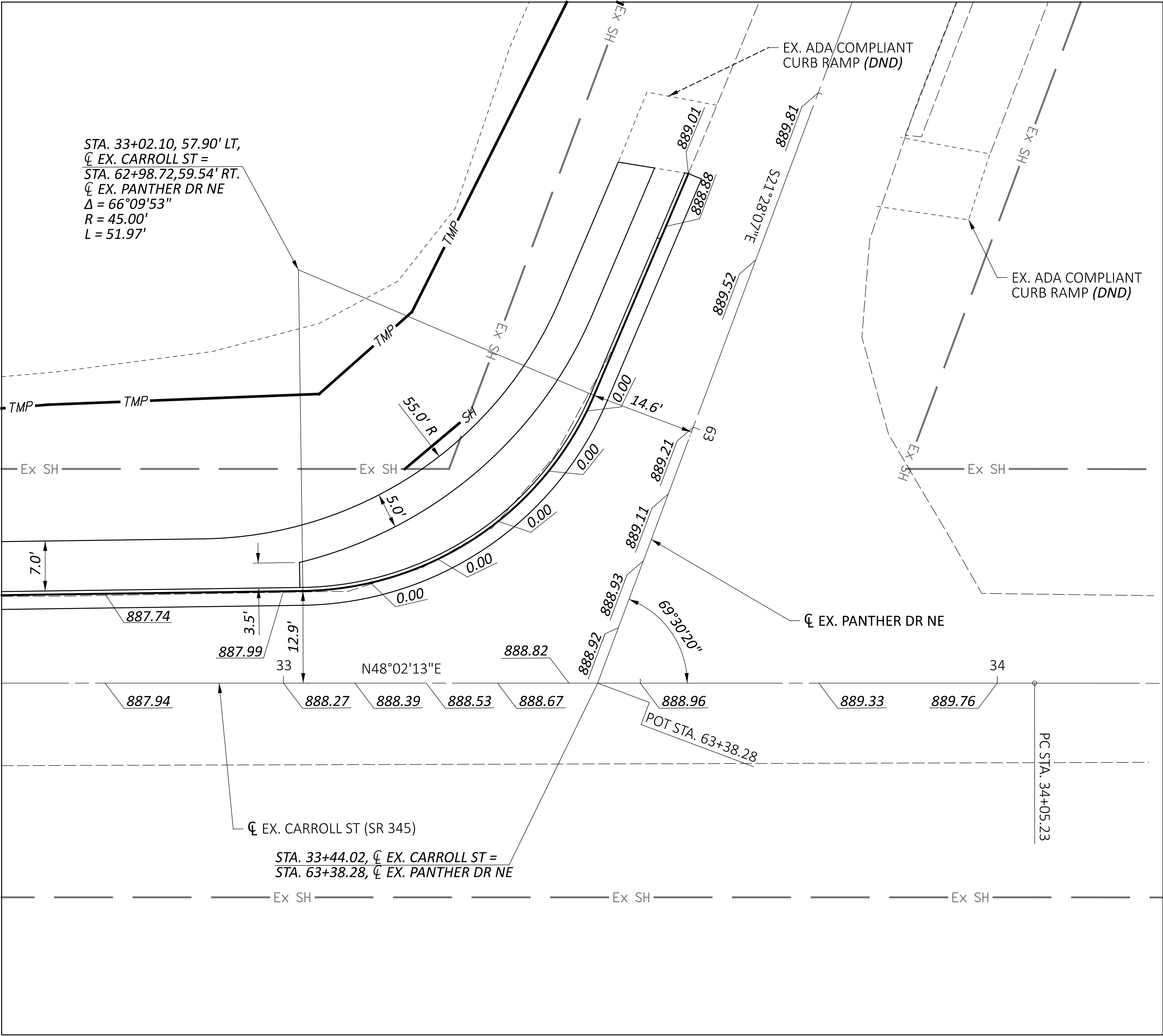
REVIEWER

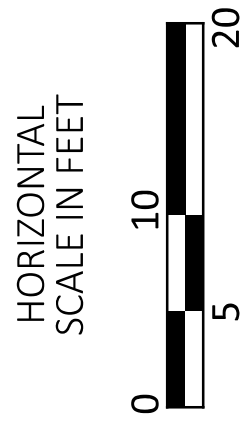
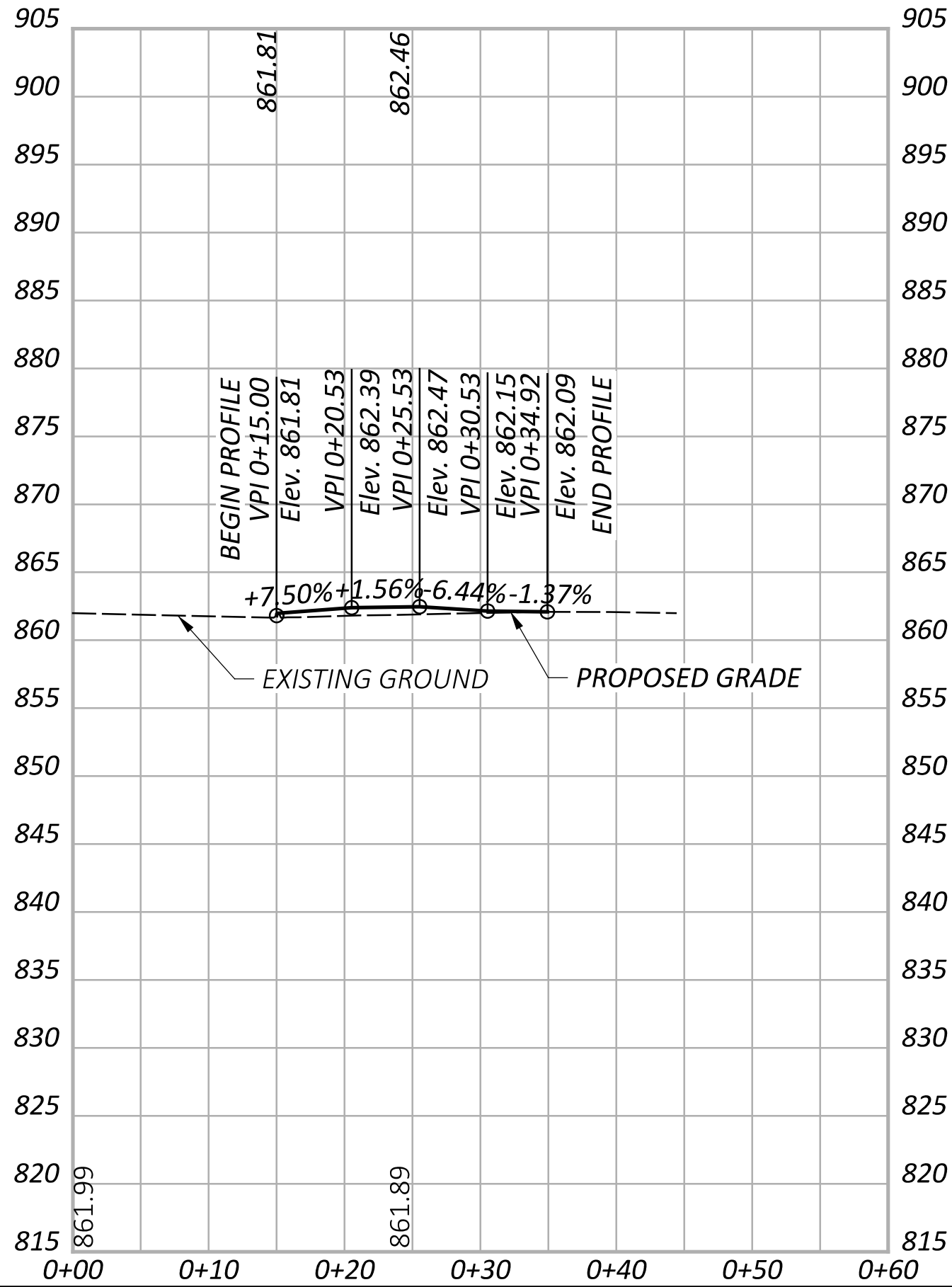
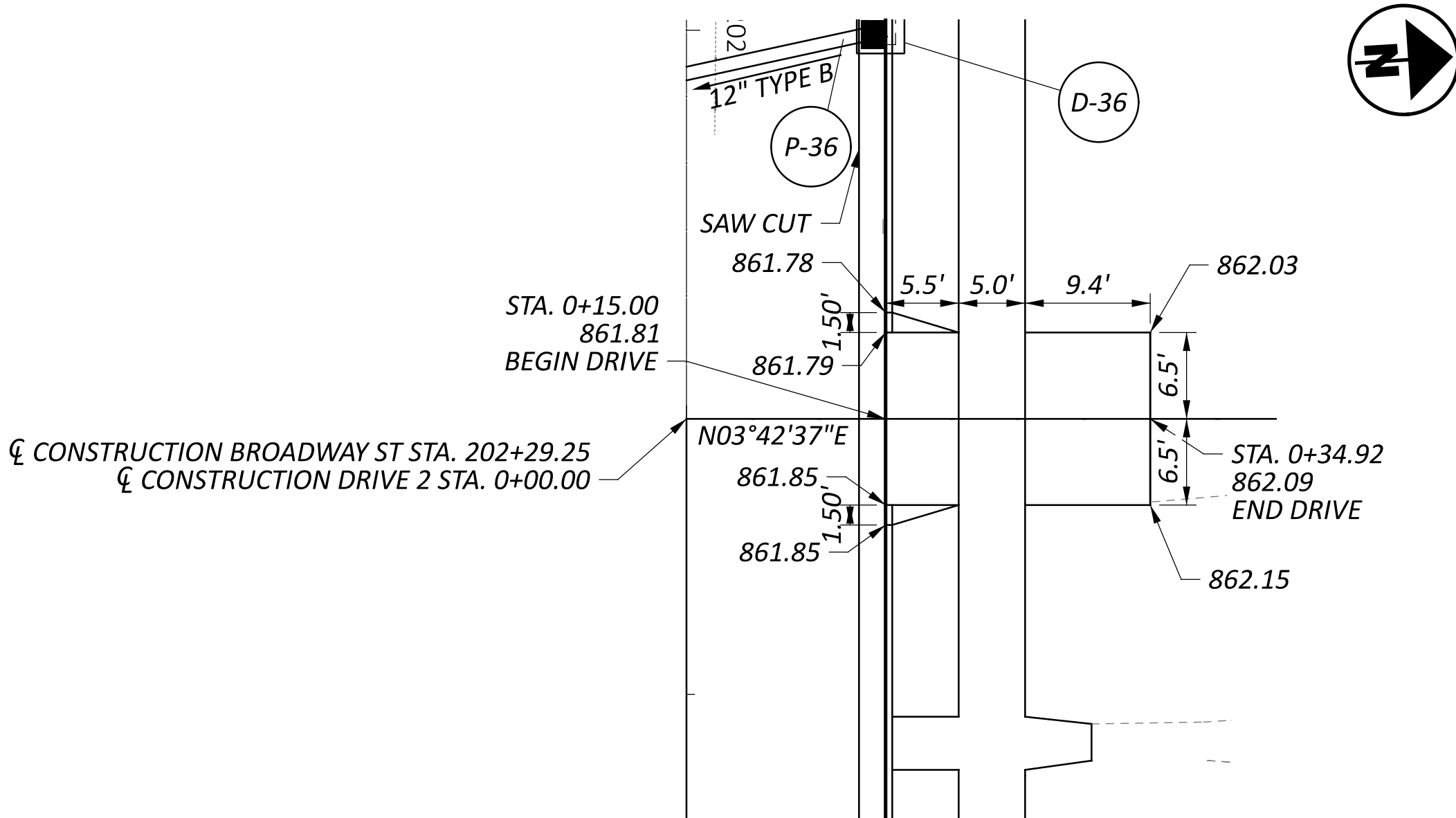
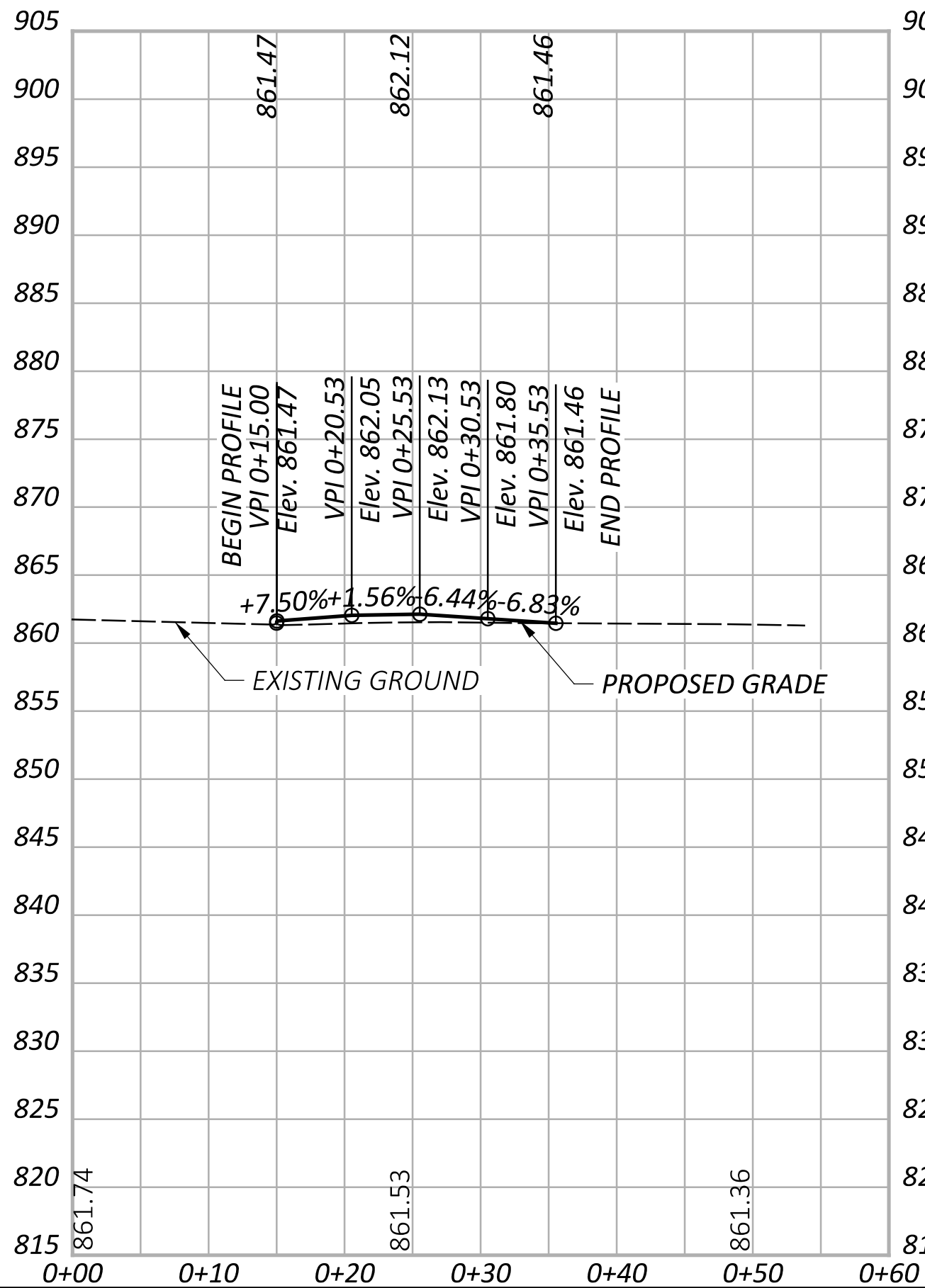
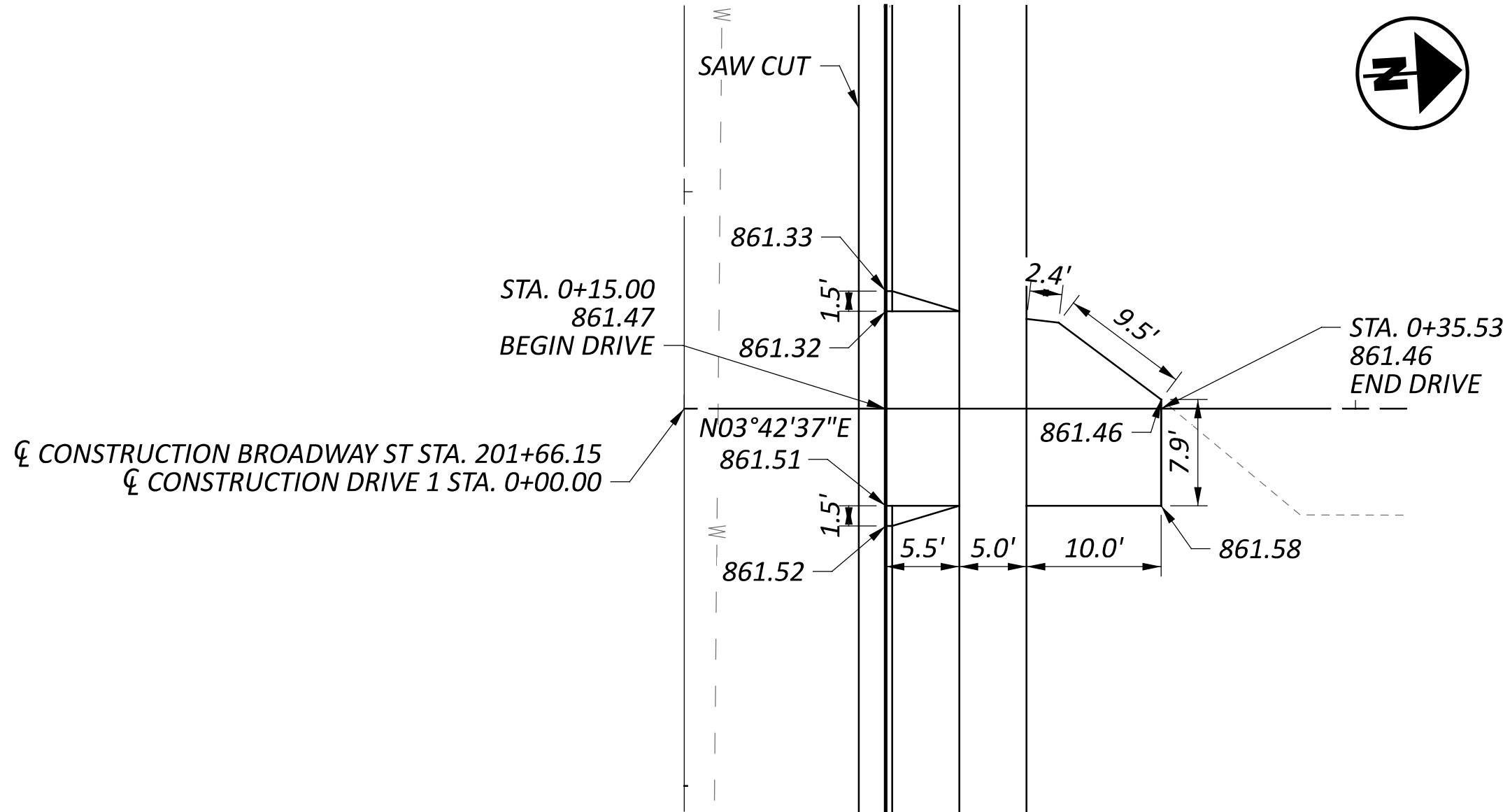
5W 10/17,

119739

FEET	TOTAL
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92





DRIVEWAY DETAIL
DRIVES #1 & #2

DESIGN AGENCY



10200 Alliance Road,
Suite 300
Cincinnati, OH 45242
(513) 842-8200

DESIGNER

CMG

REVIEWER

ZTM 10/17/25

PROJECT ID

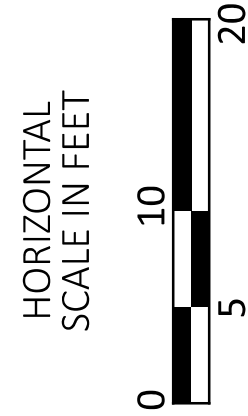
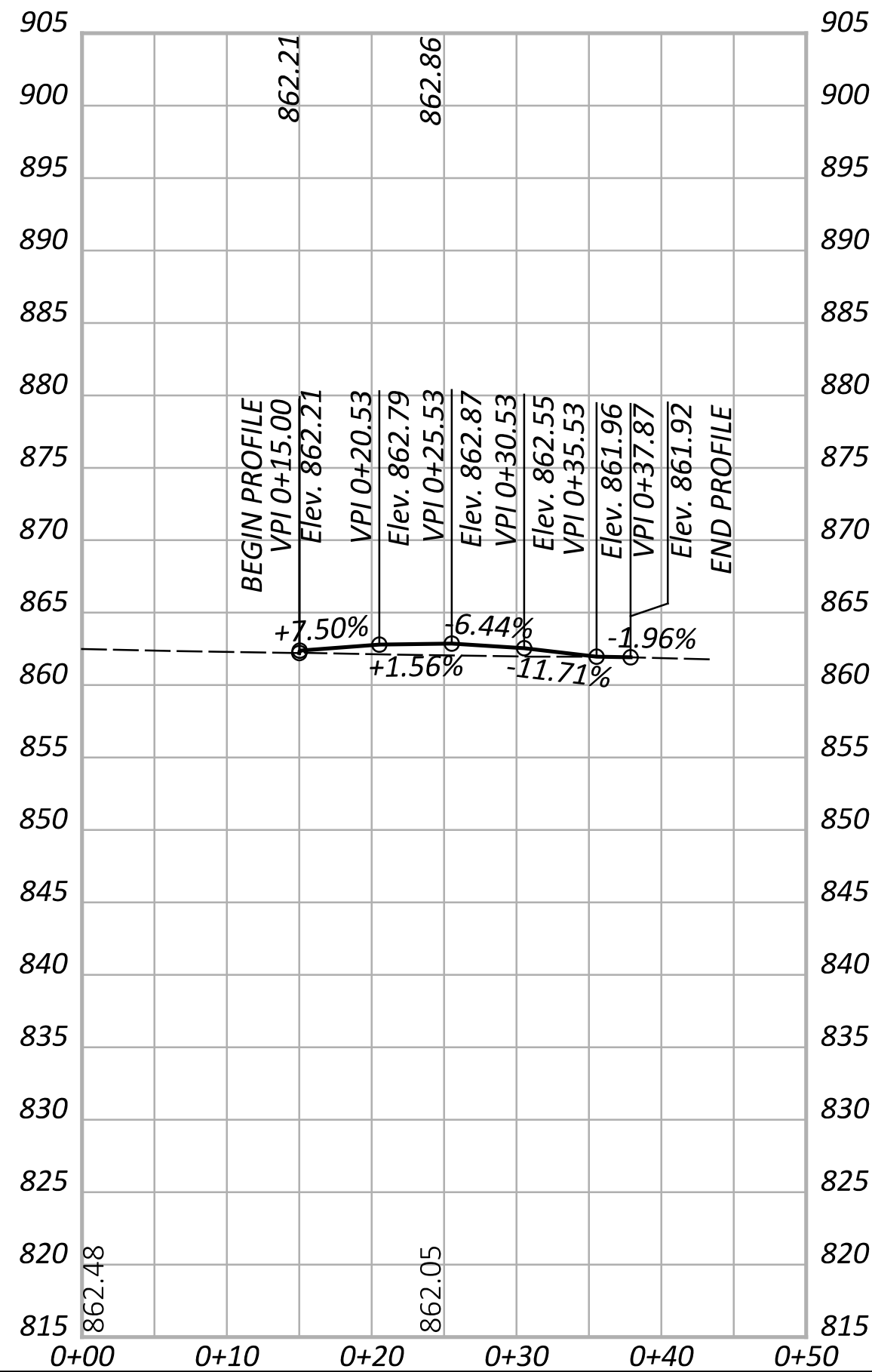
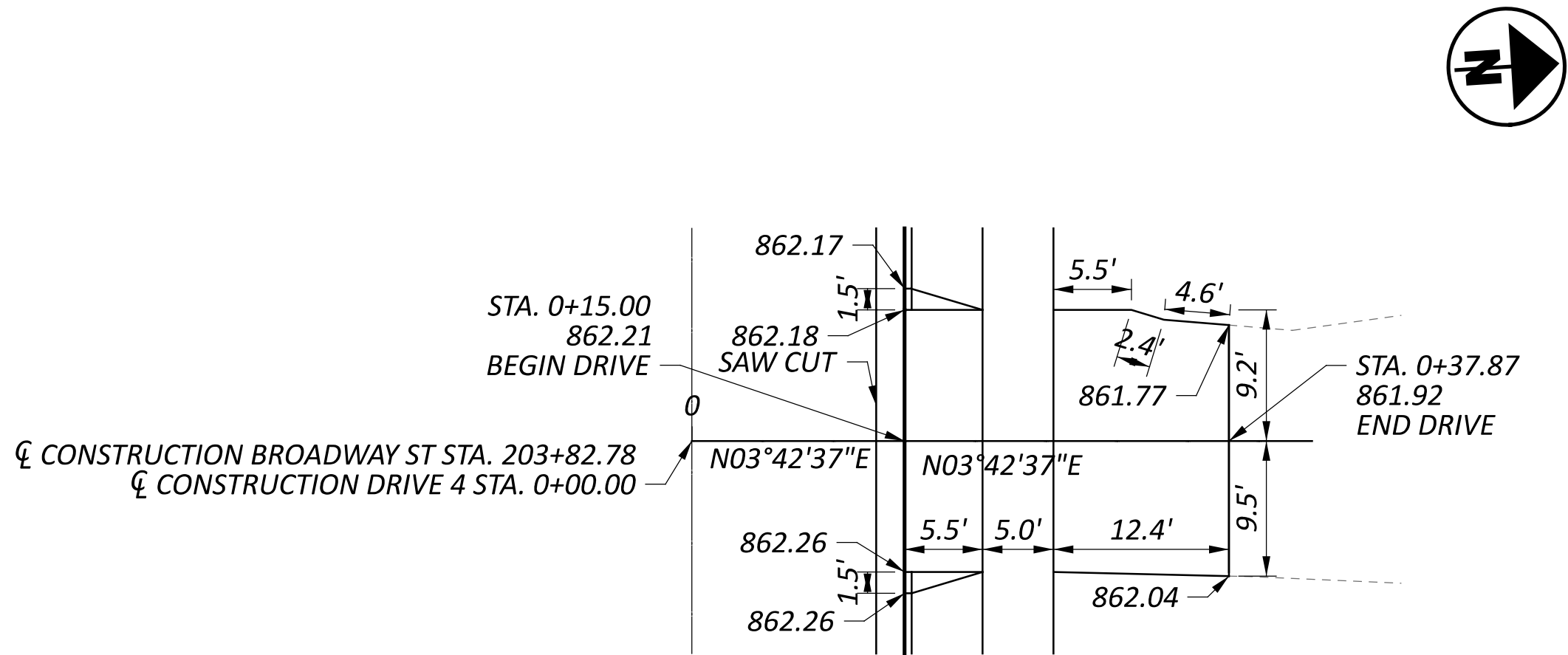
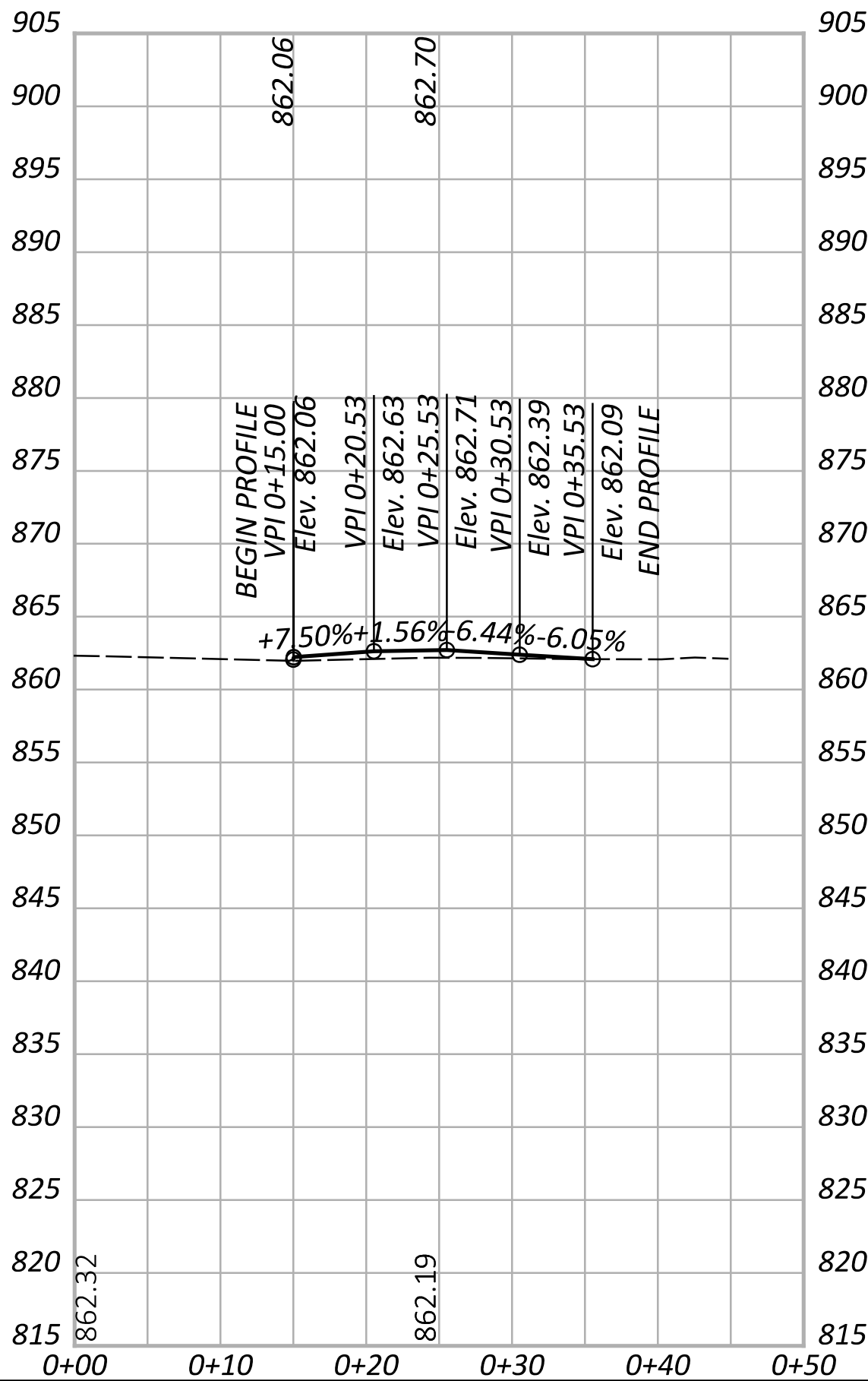
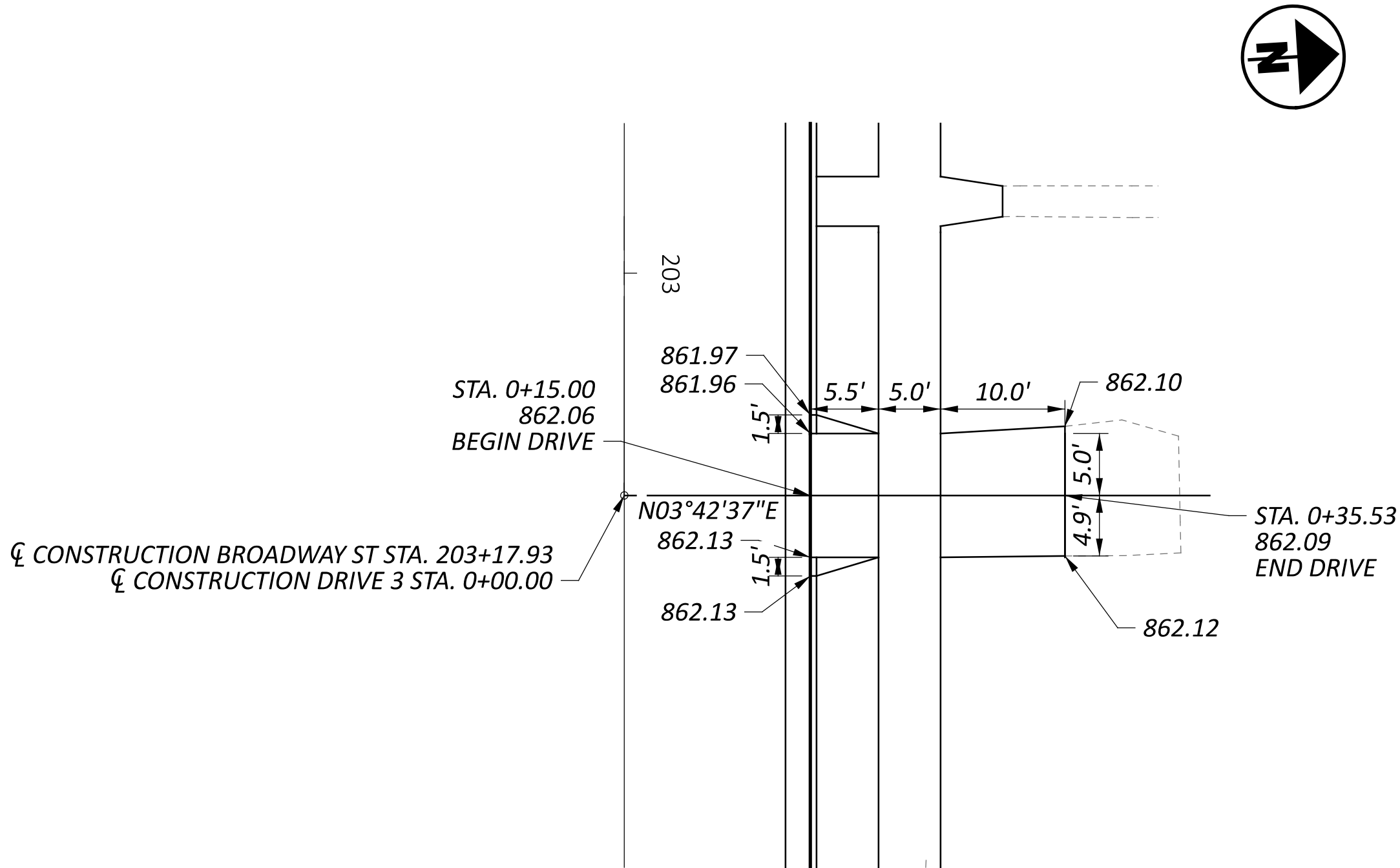
119739

SHEET

P.59

TOTAL

92



DRIVEWAY DETAIL
DRIVES #3 & #4

DESIGN AGENCY



10200 Alliance Road,
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ZTM 10/17/25

PROJECT ID

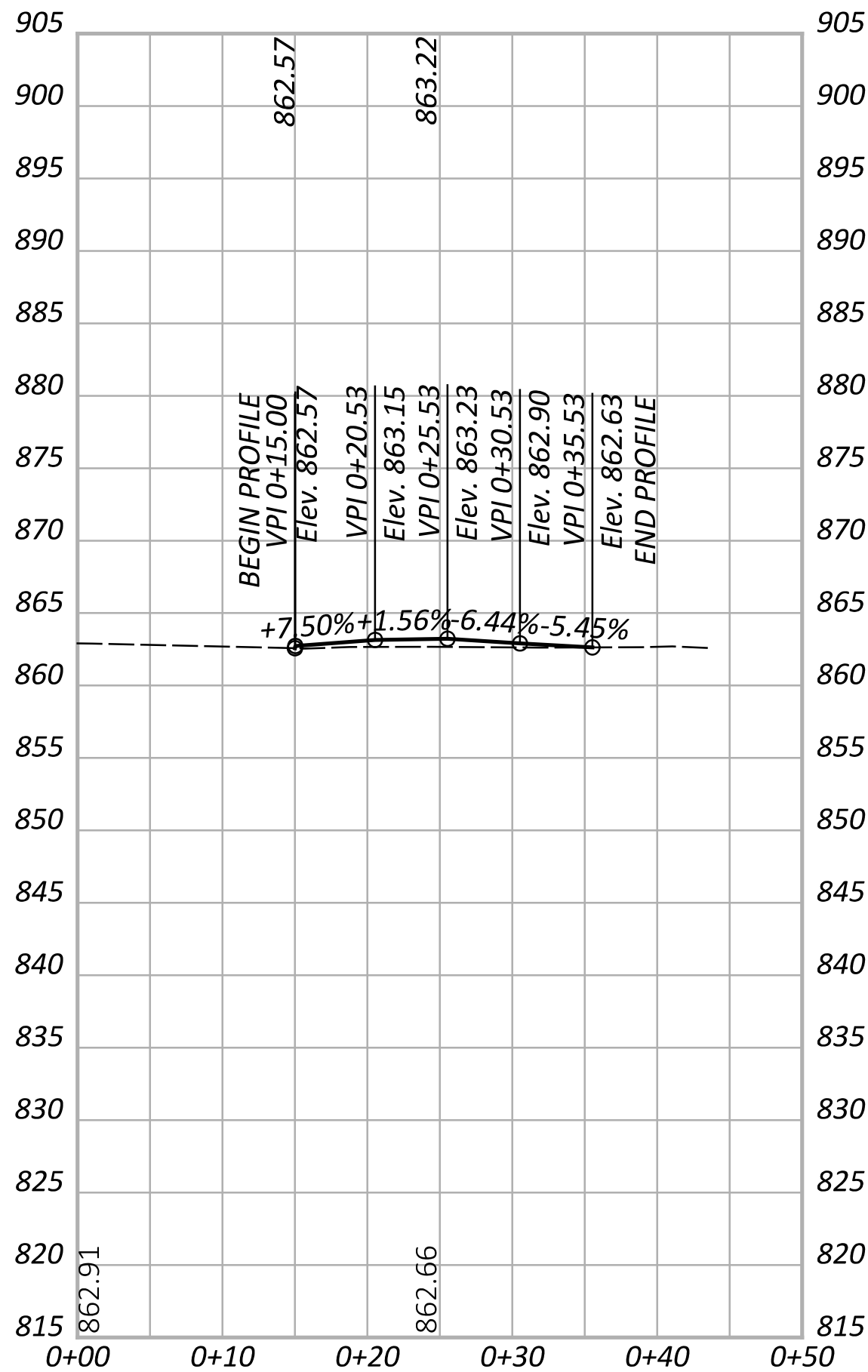
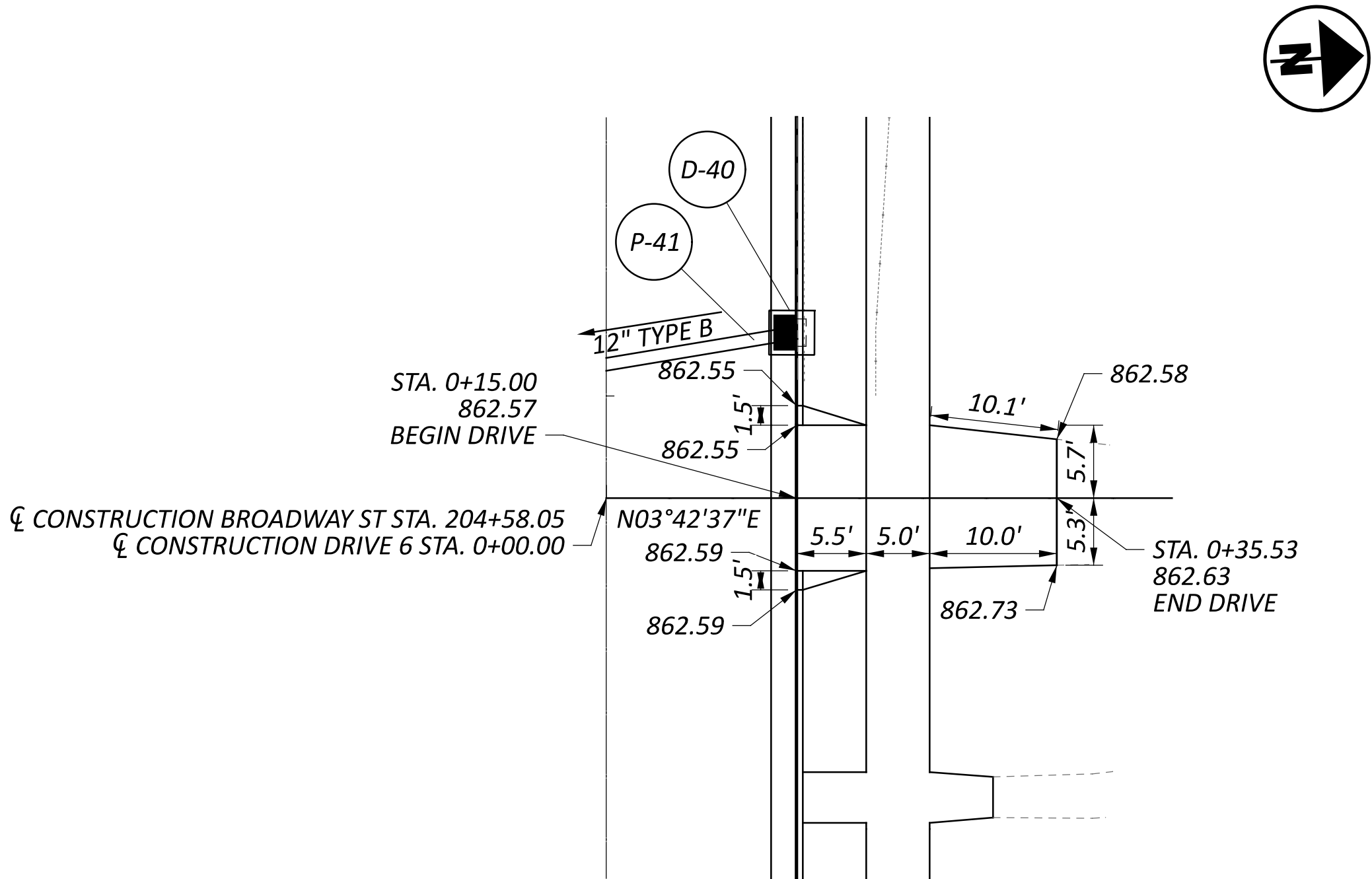
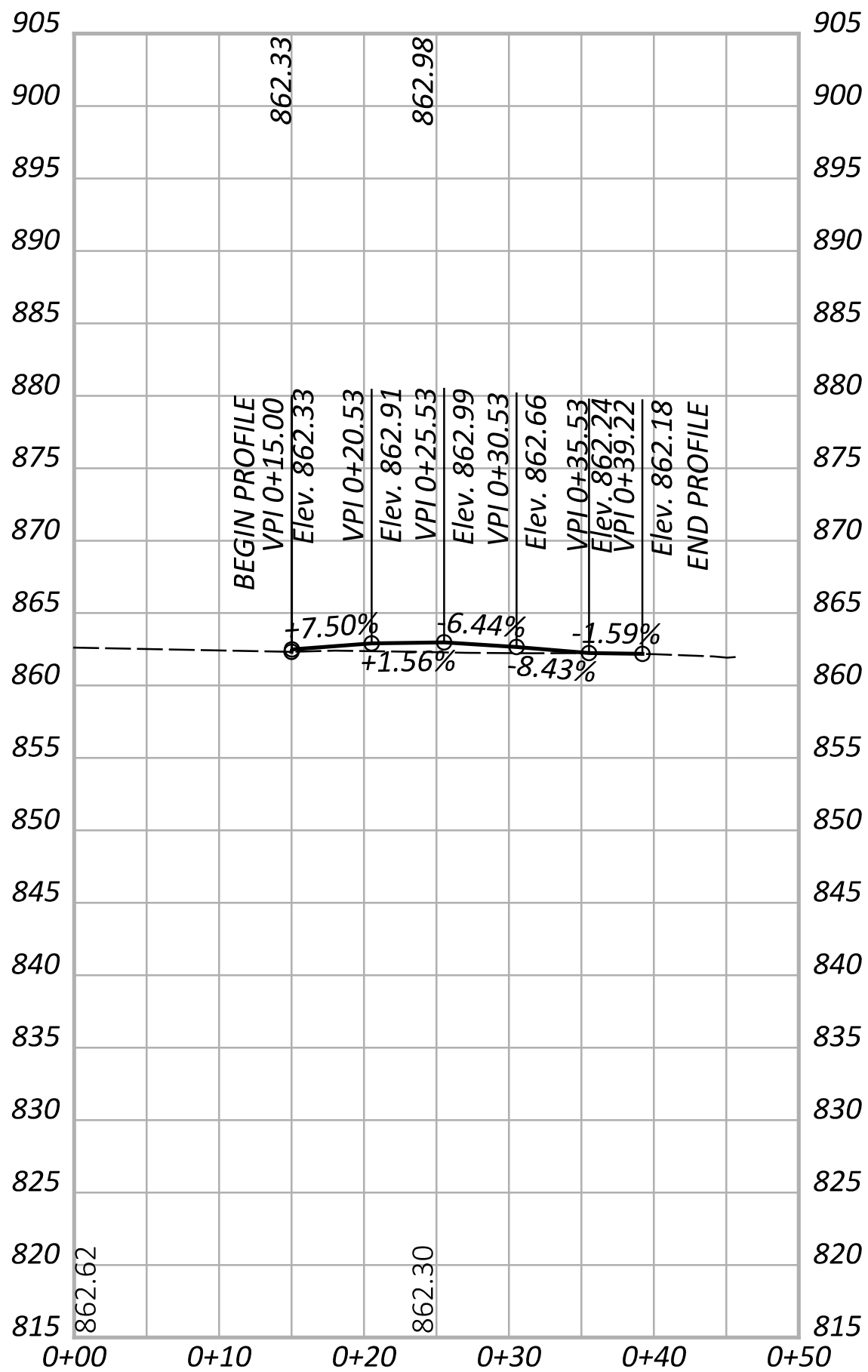
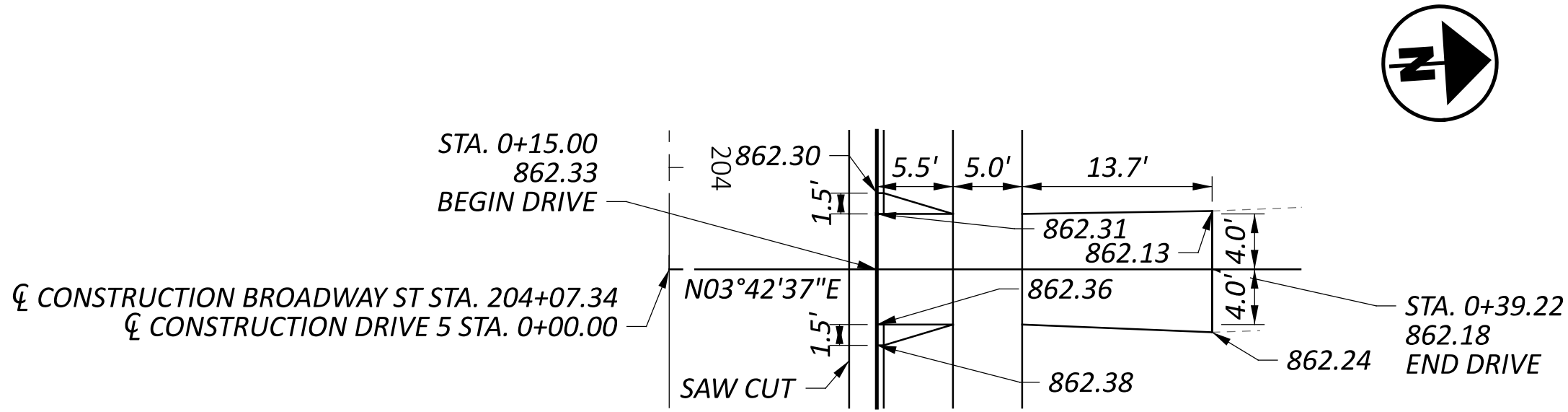
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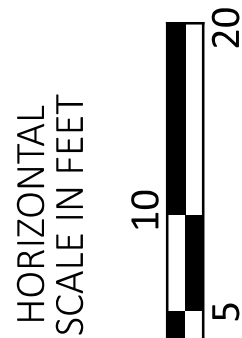
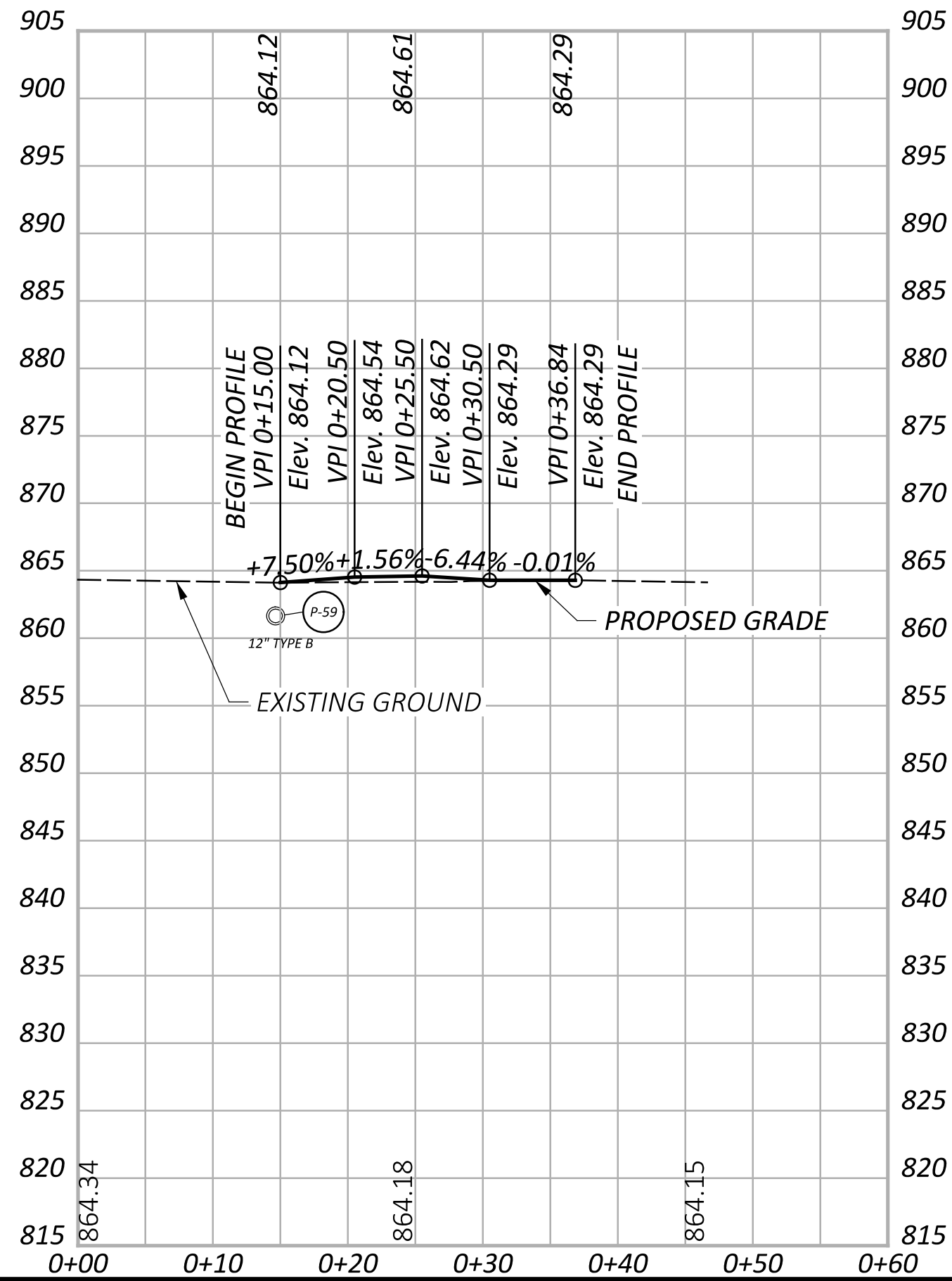
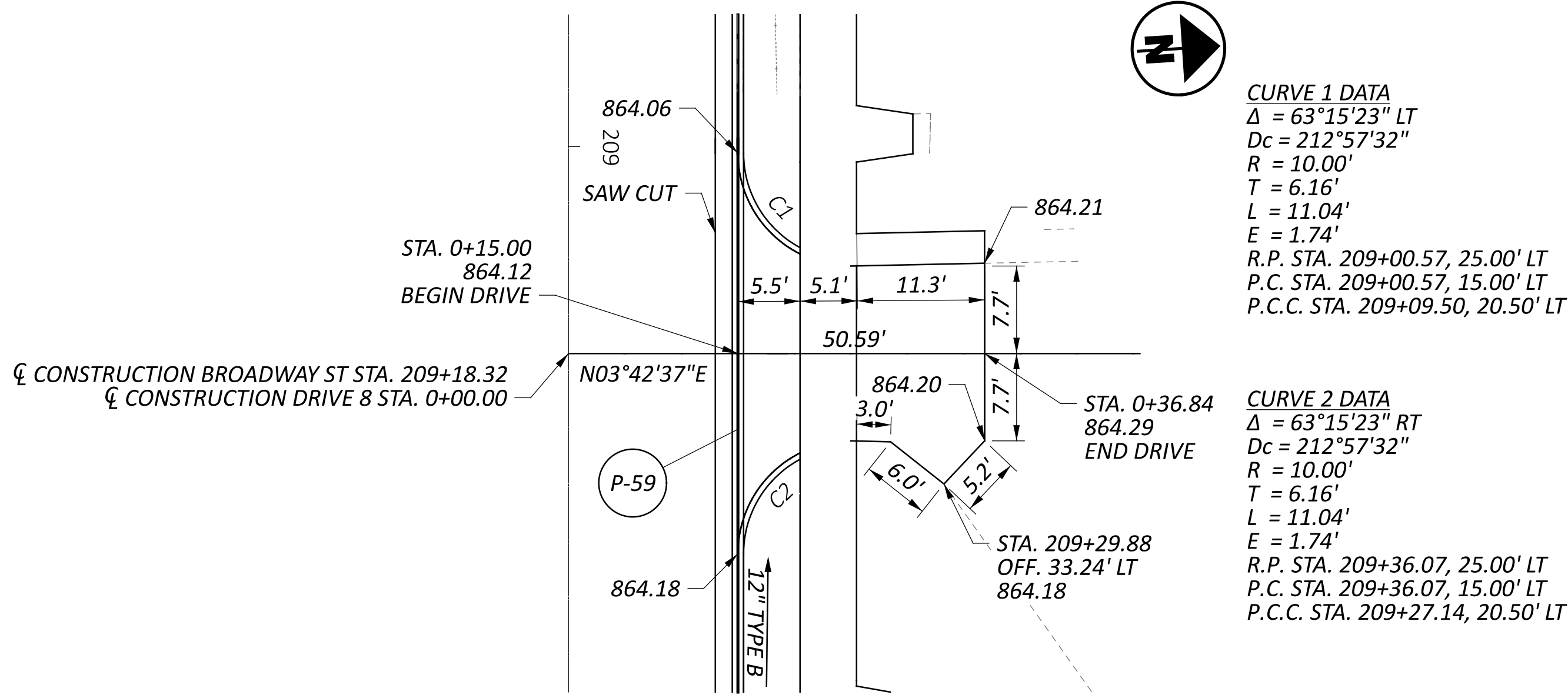
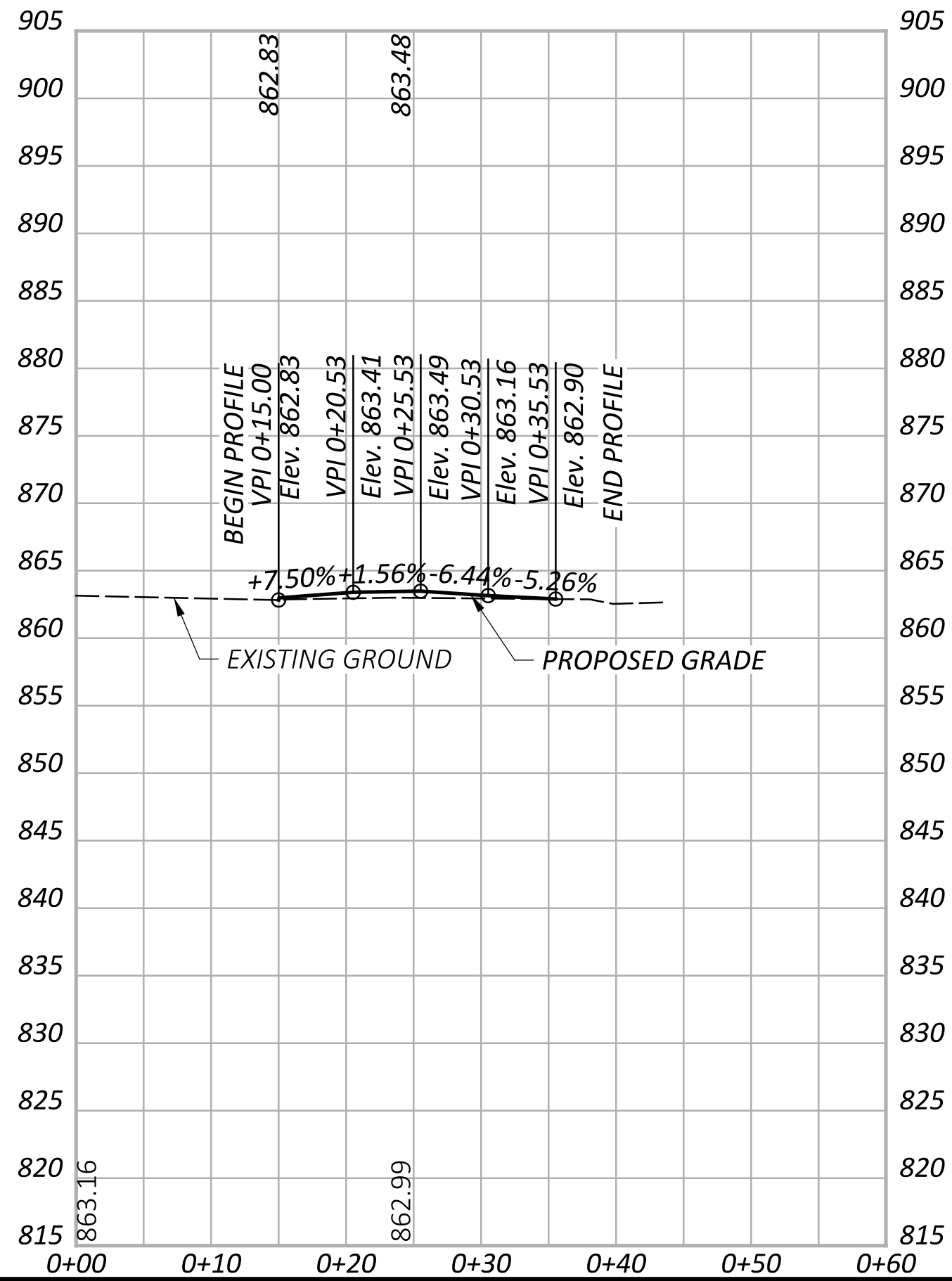
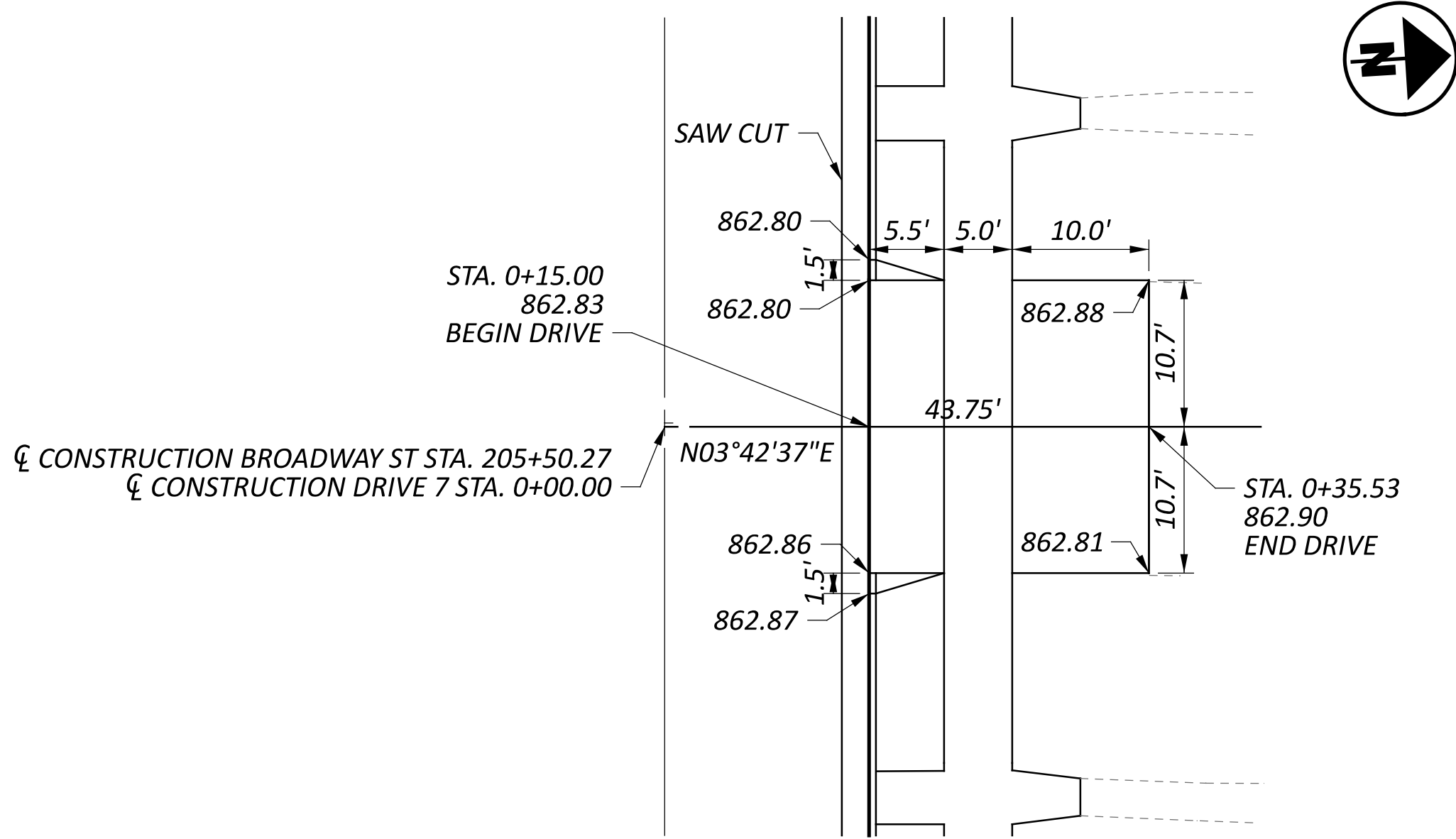
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TOTAL

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DRIVEWAY DETAIL
DRIVES #7 & #8

DESIGN AGENCY



10200 Alliance Road,
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Cincinnati, OH 45242
(513) 842-8200

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ZTM 10/17/25

PROJECT ID

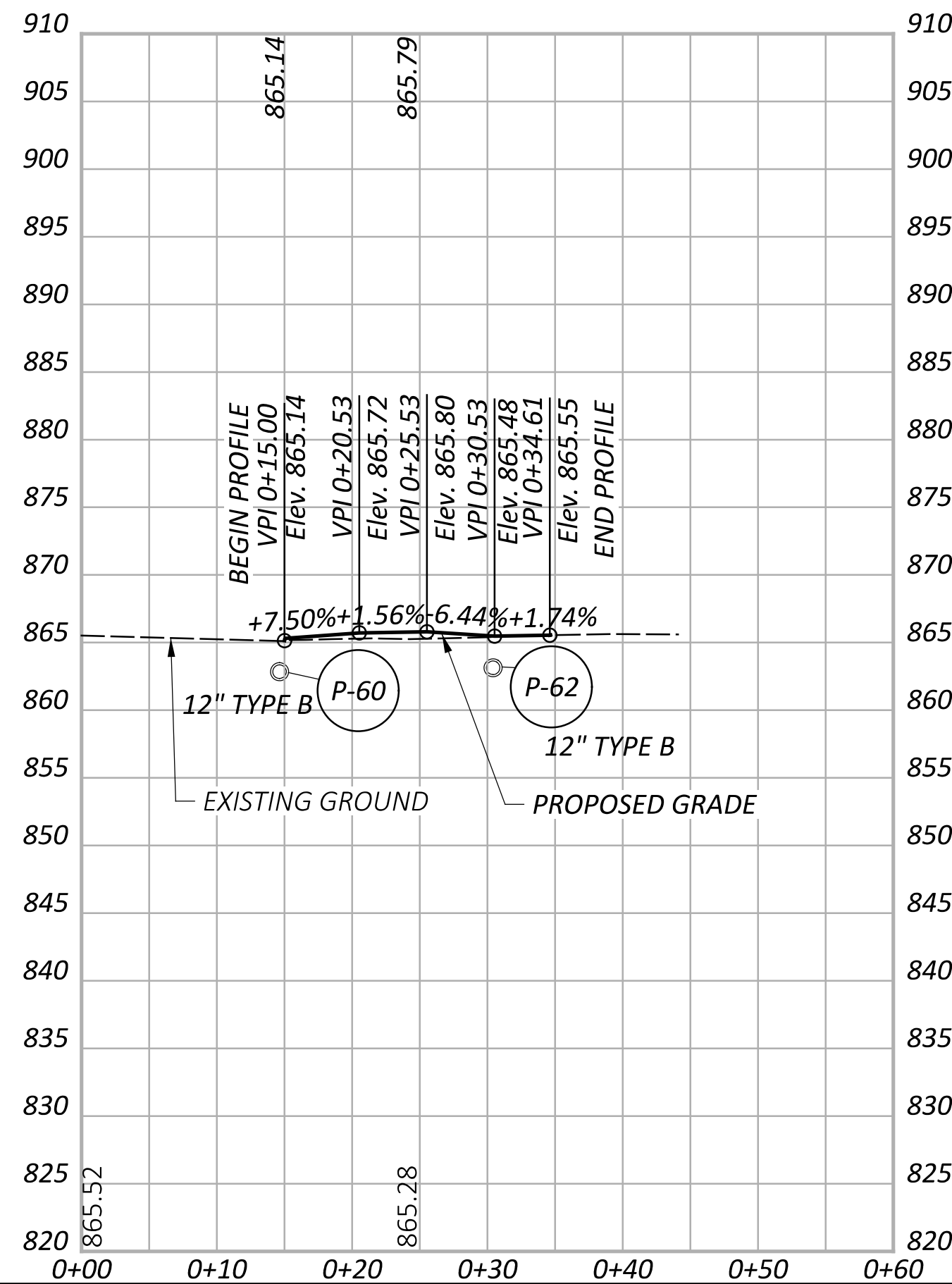
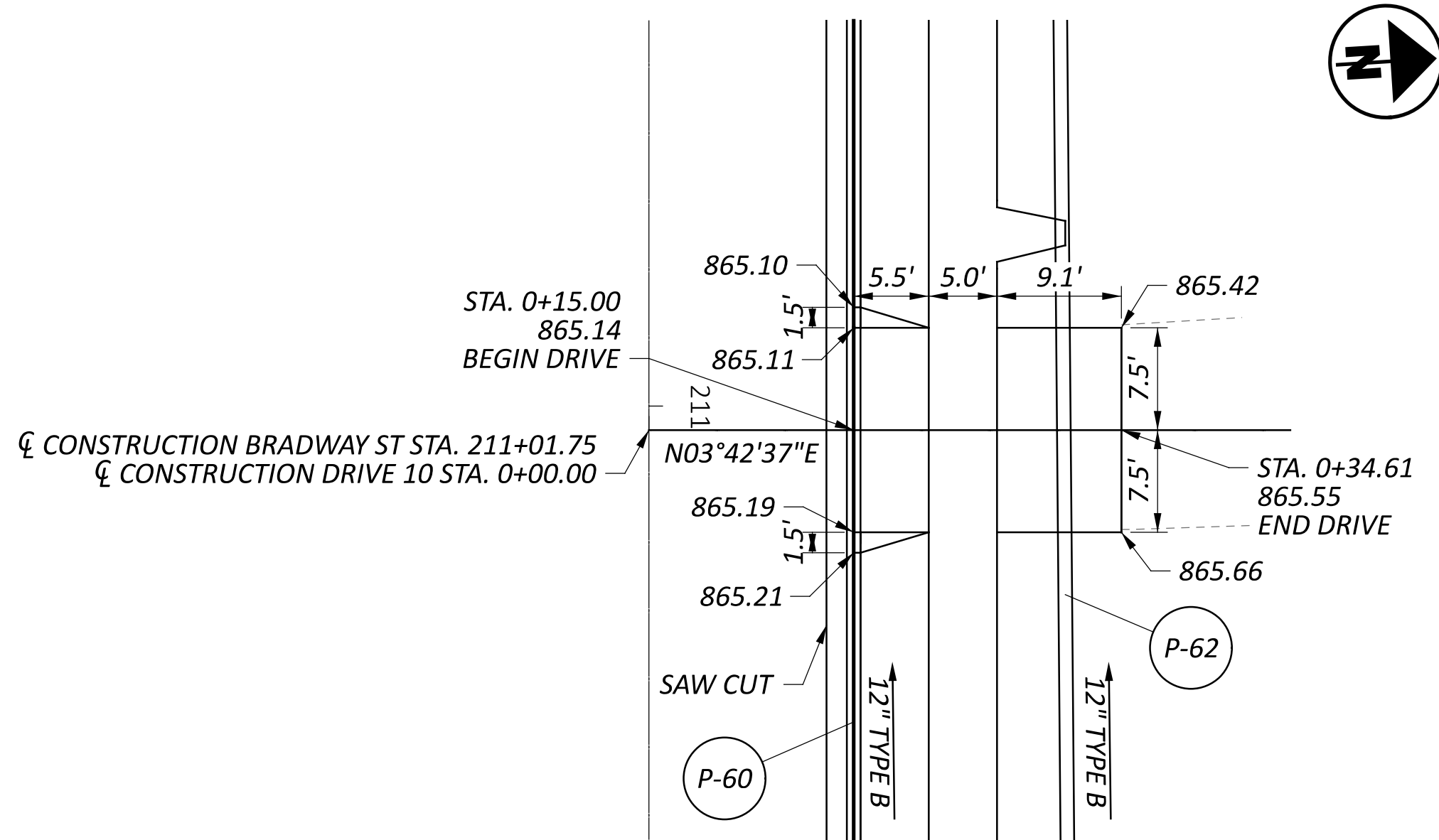
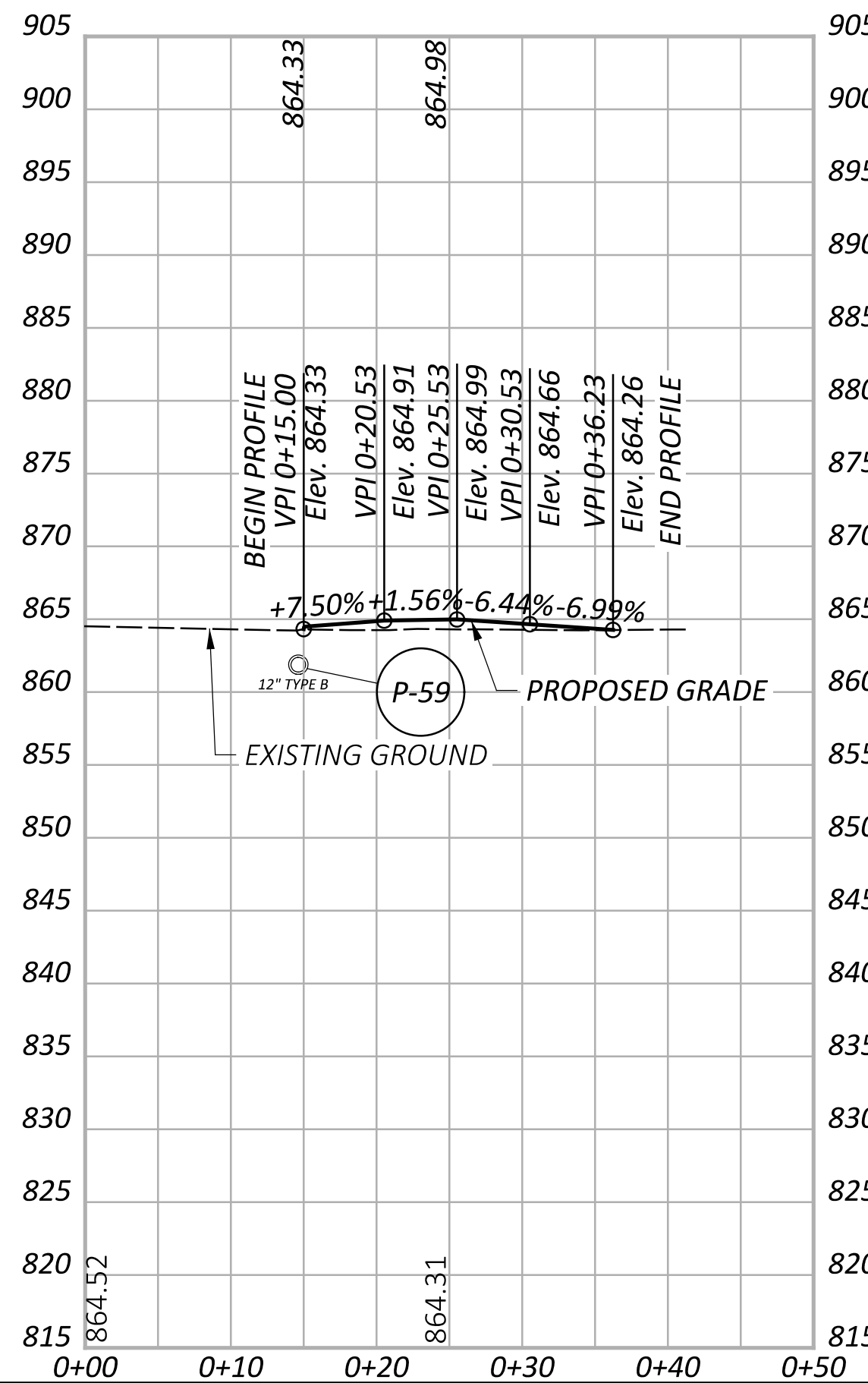
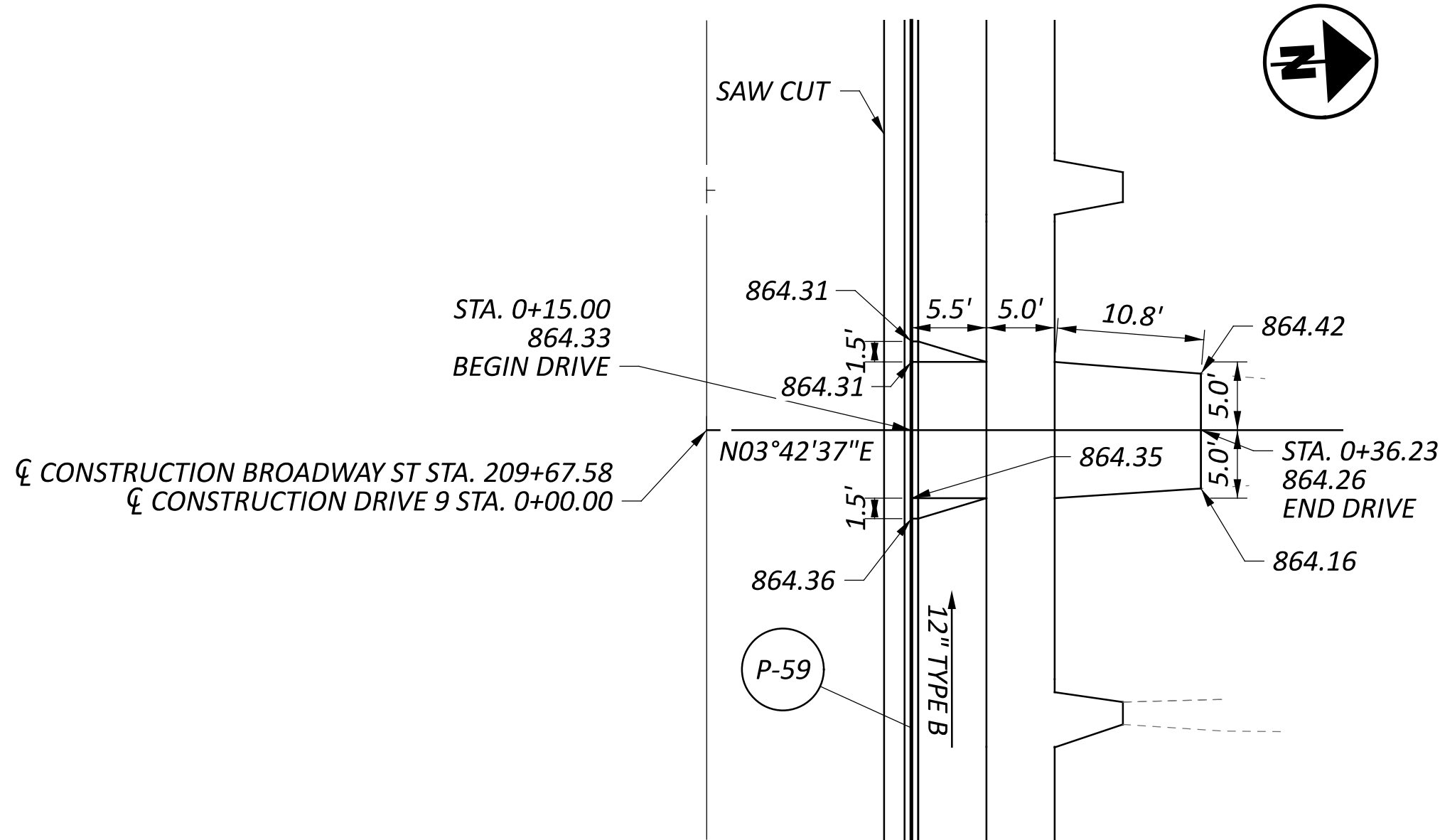
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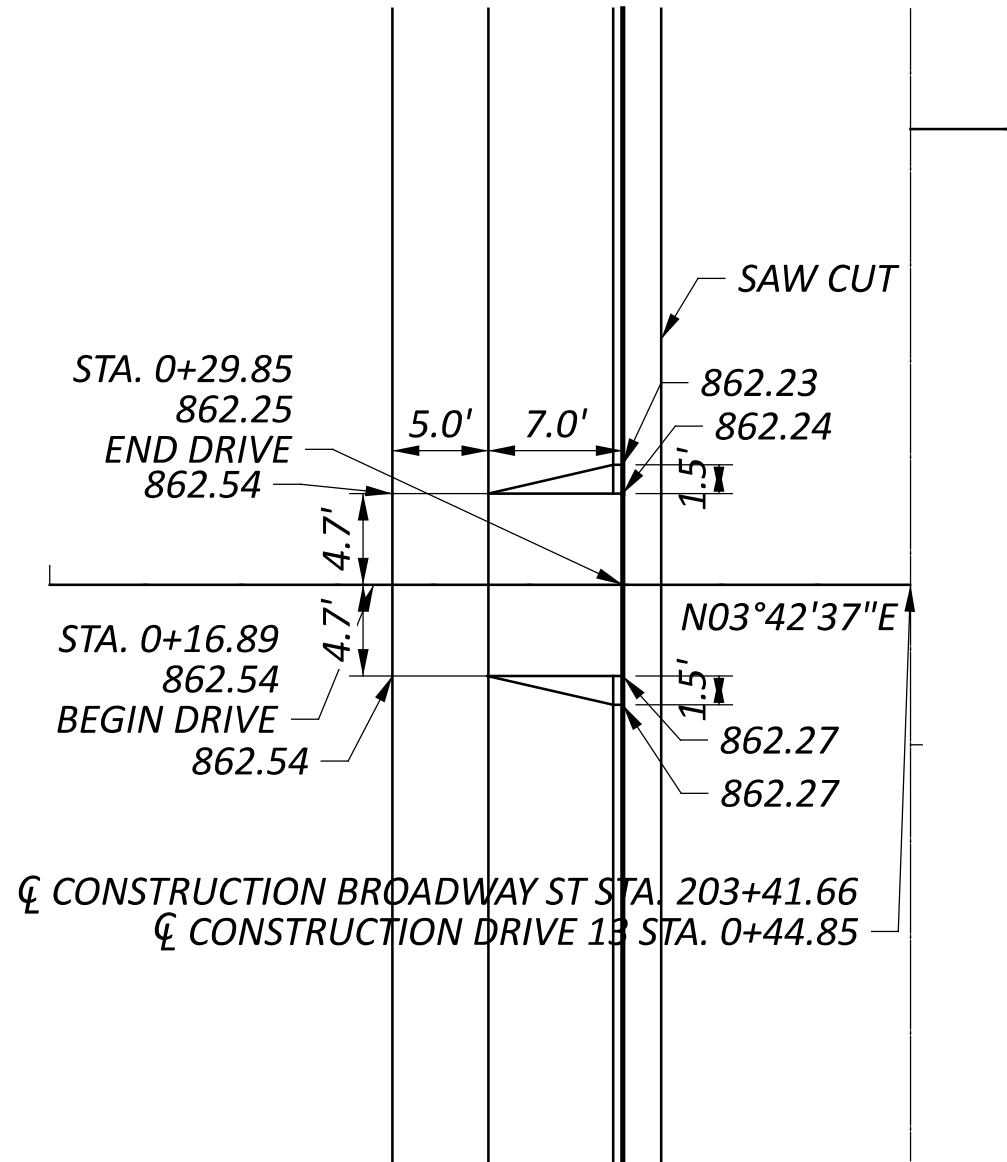
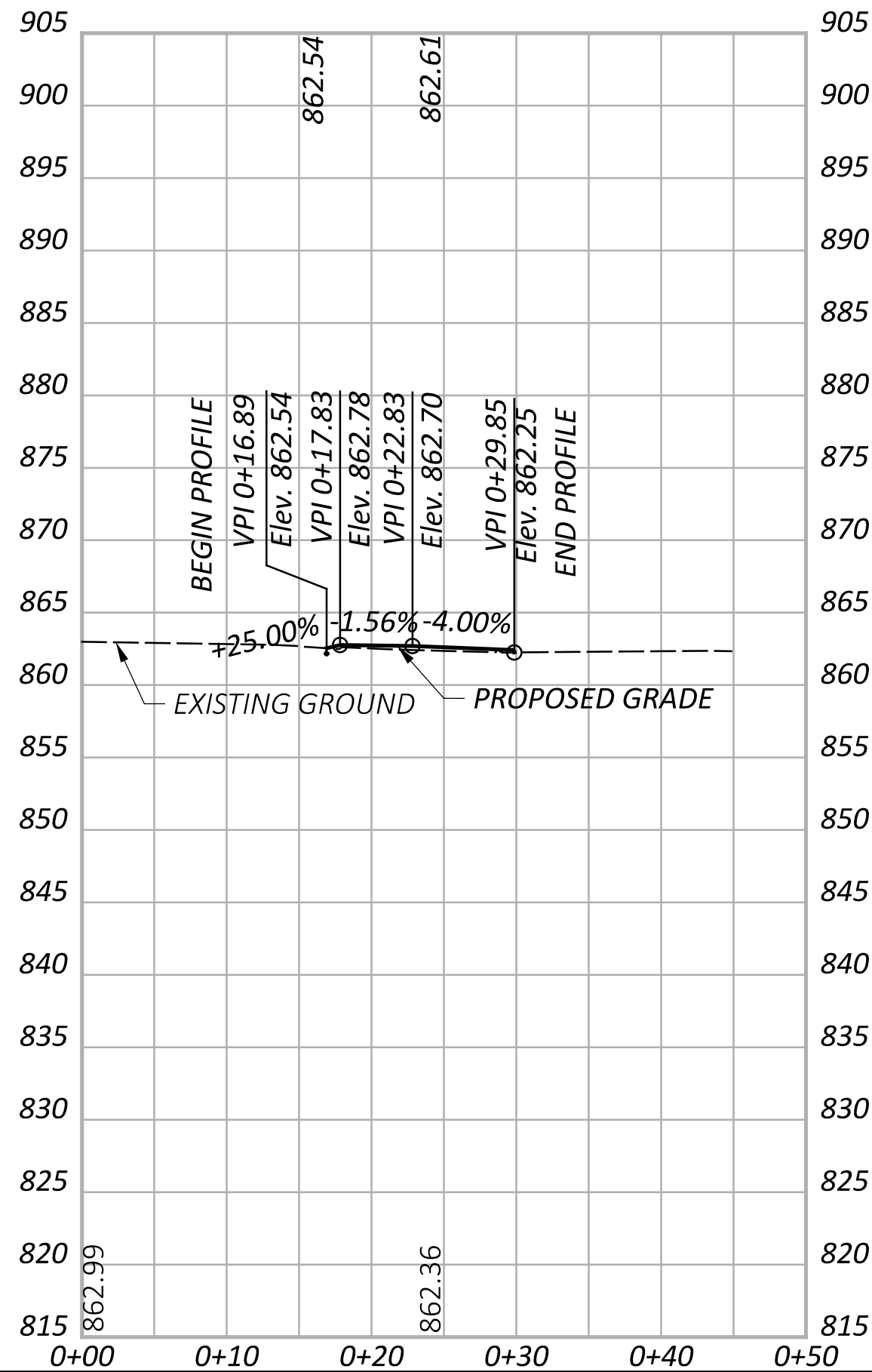
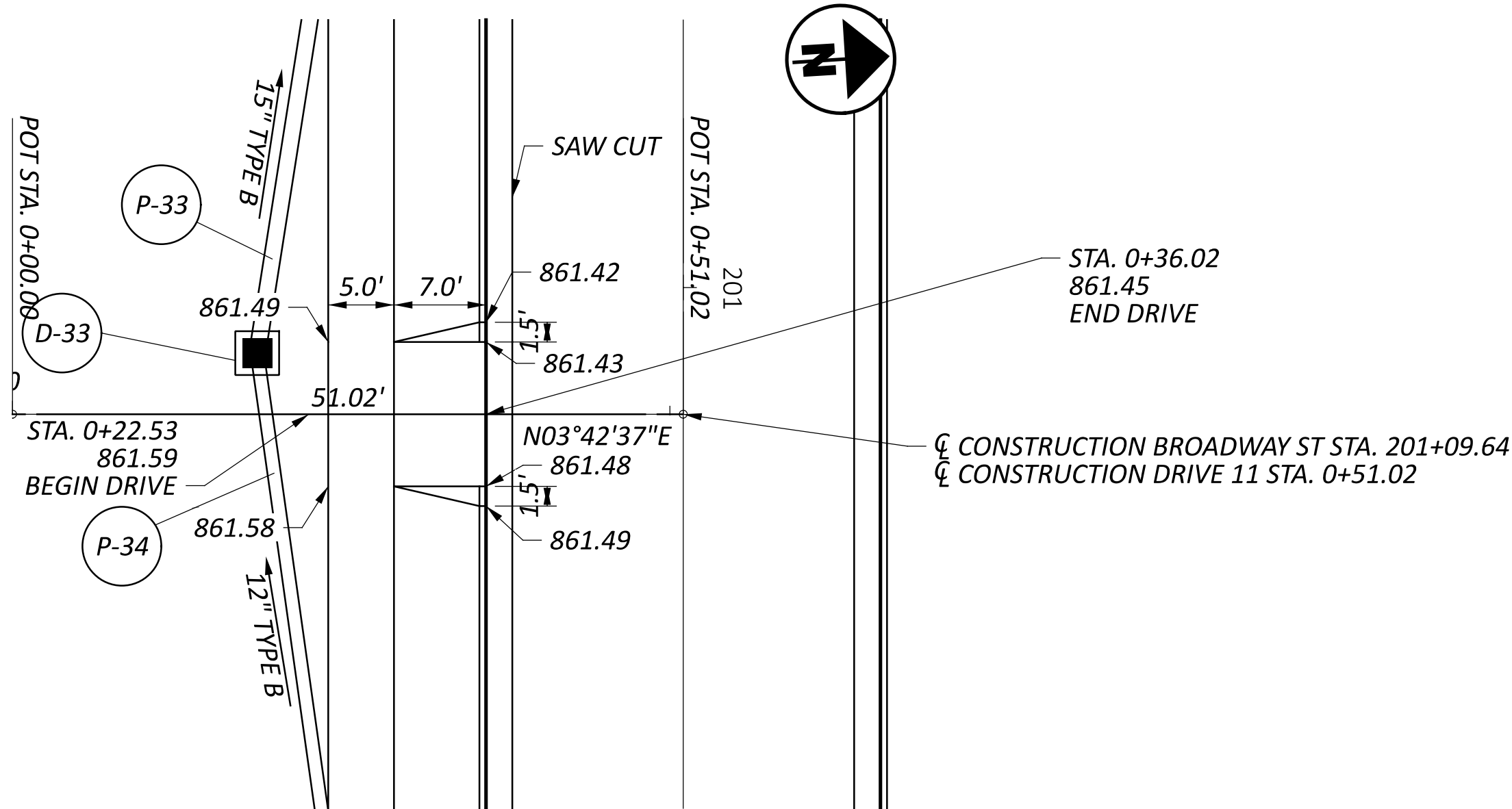
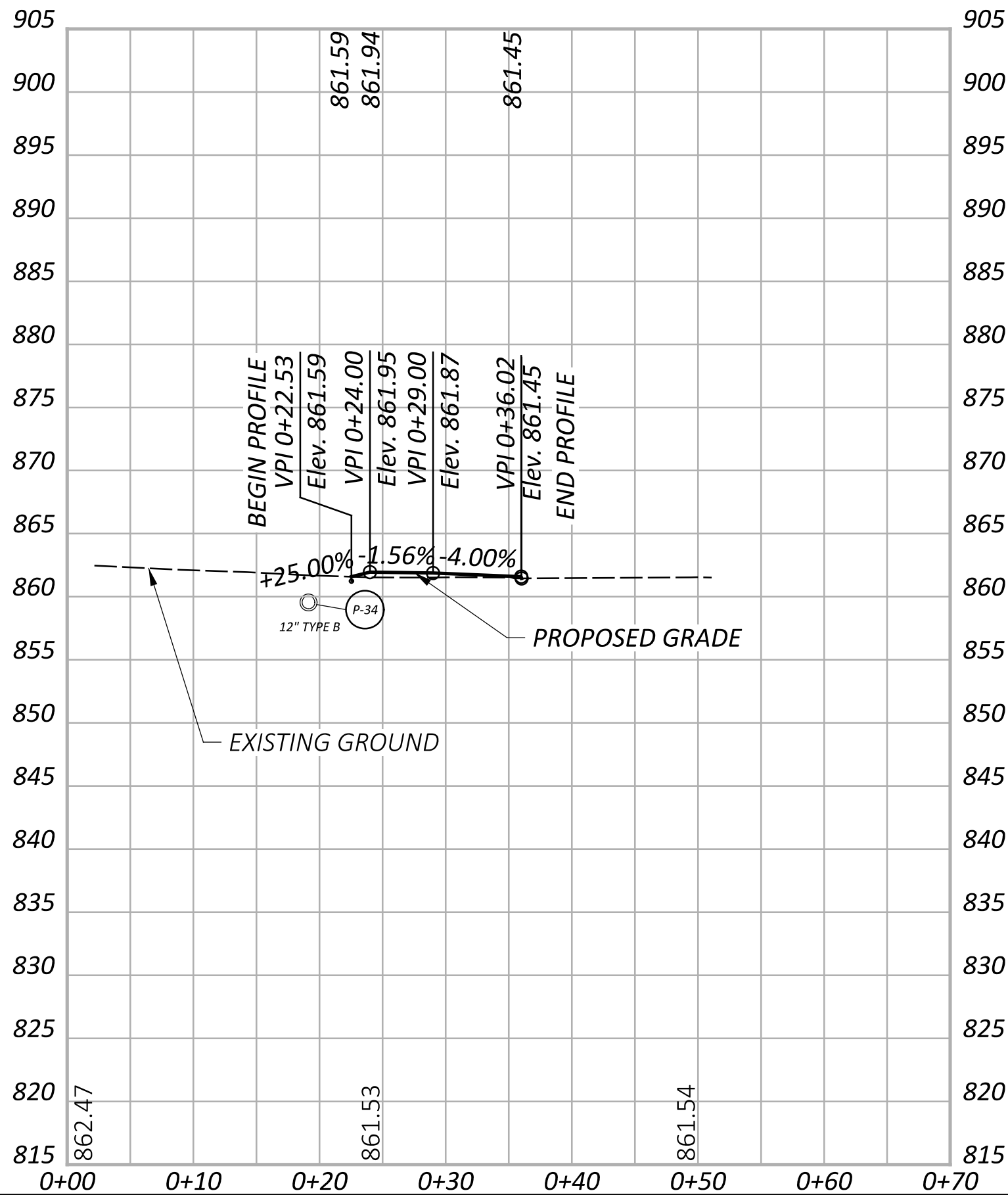
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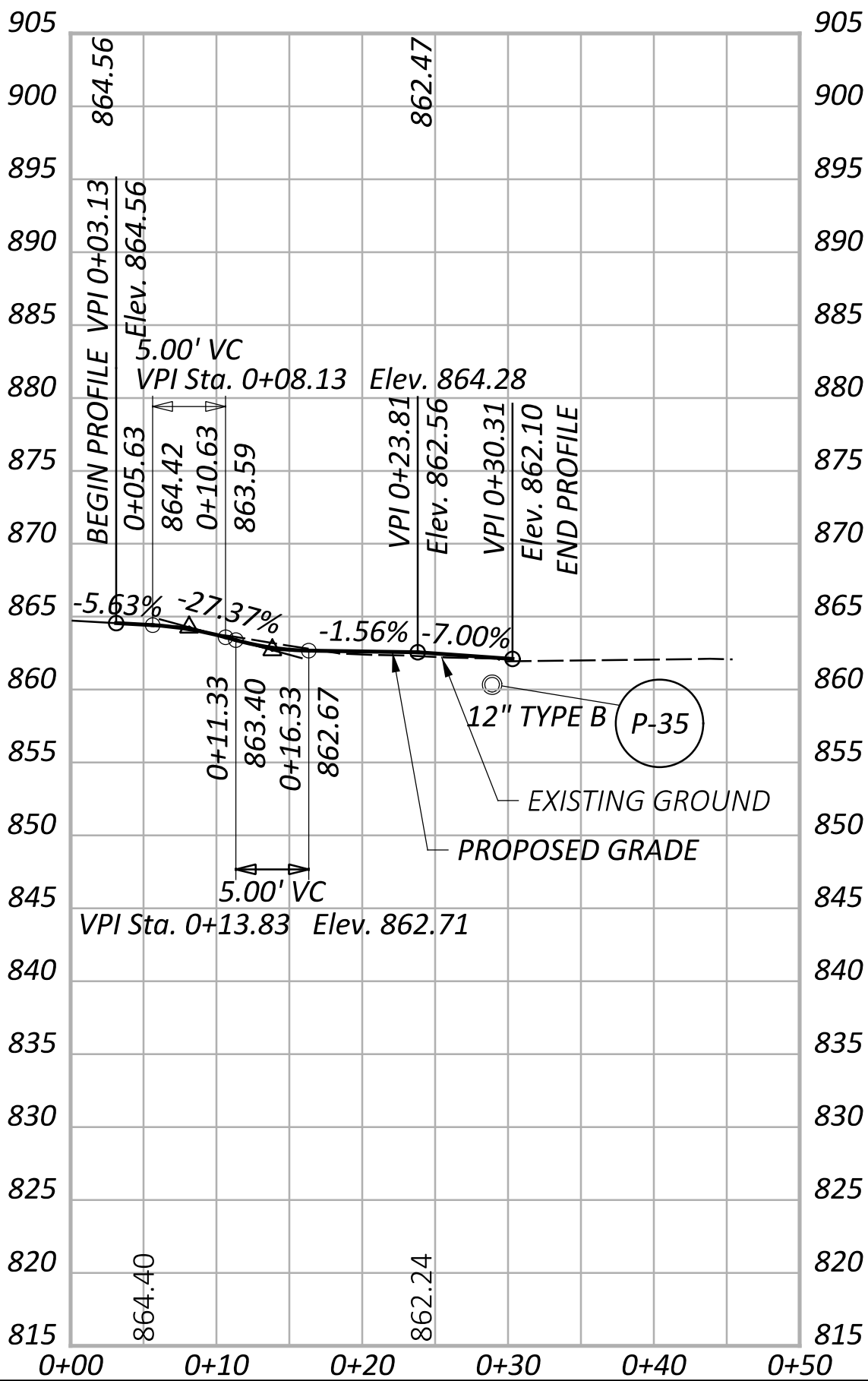
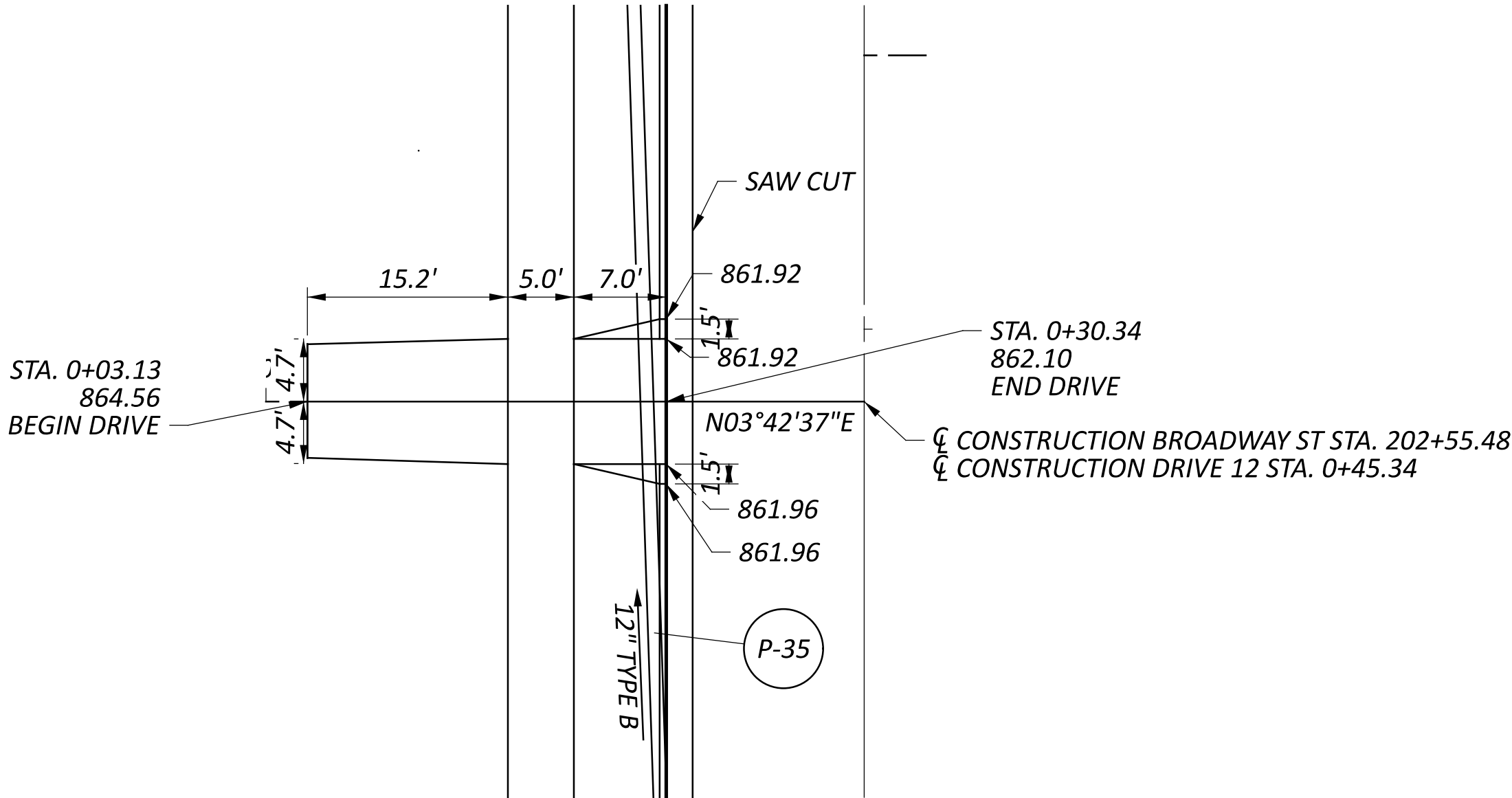
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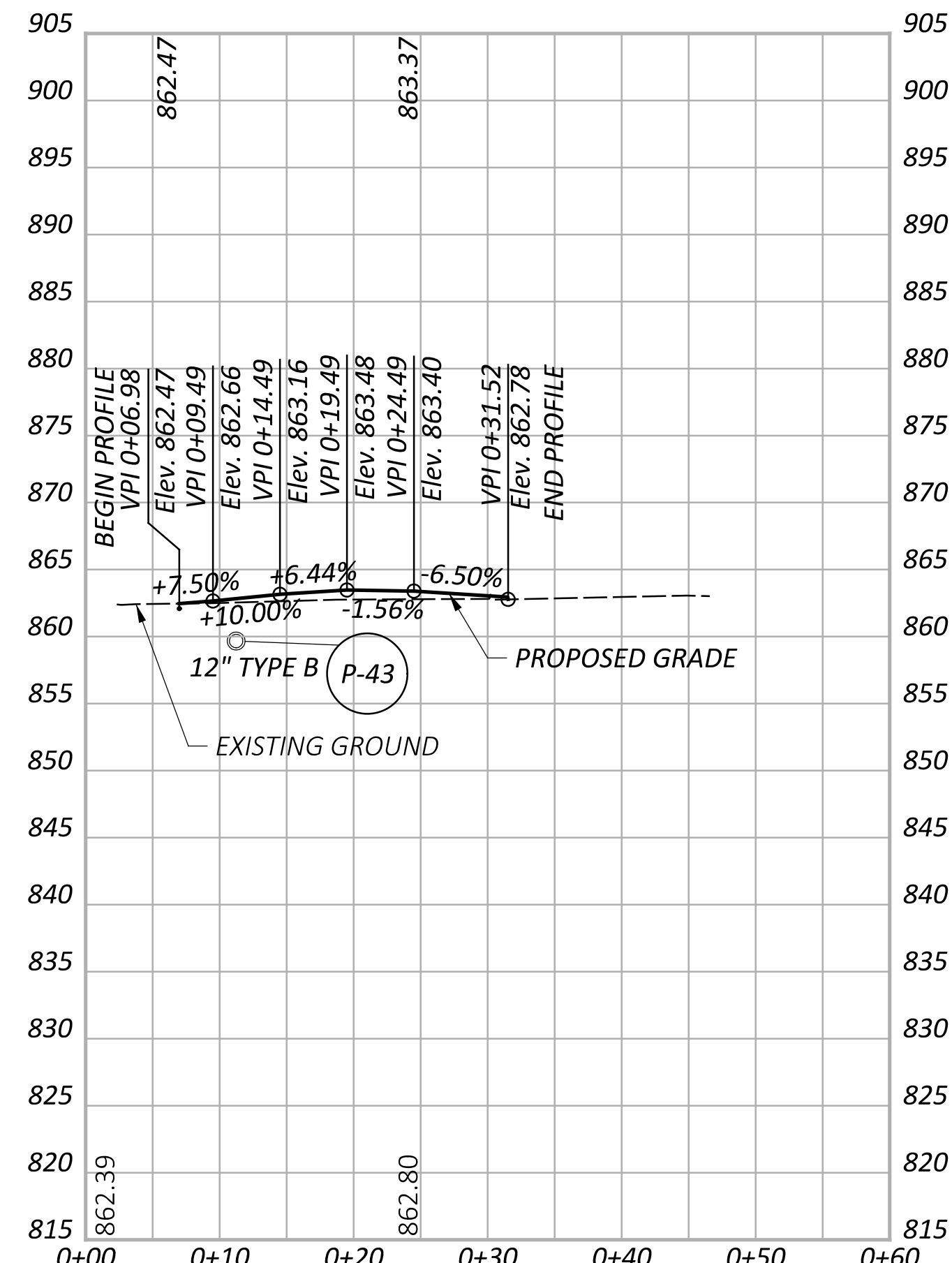
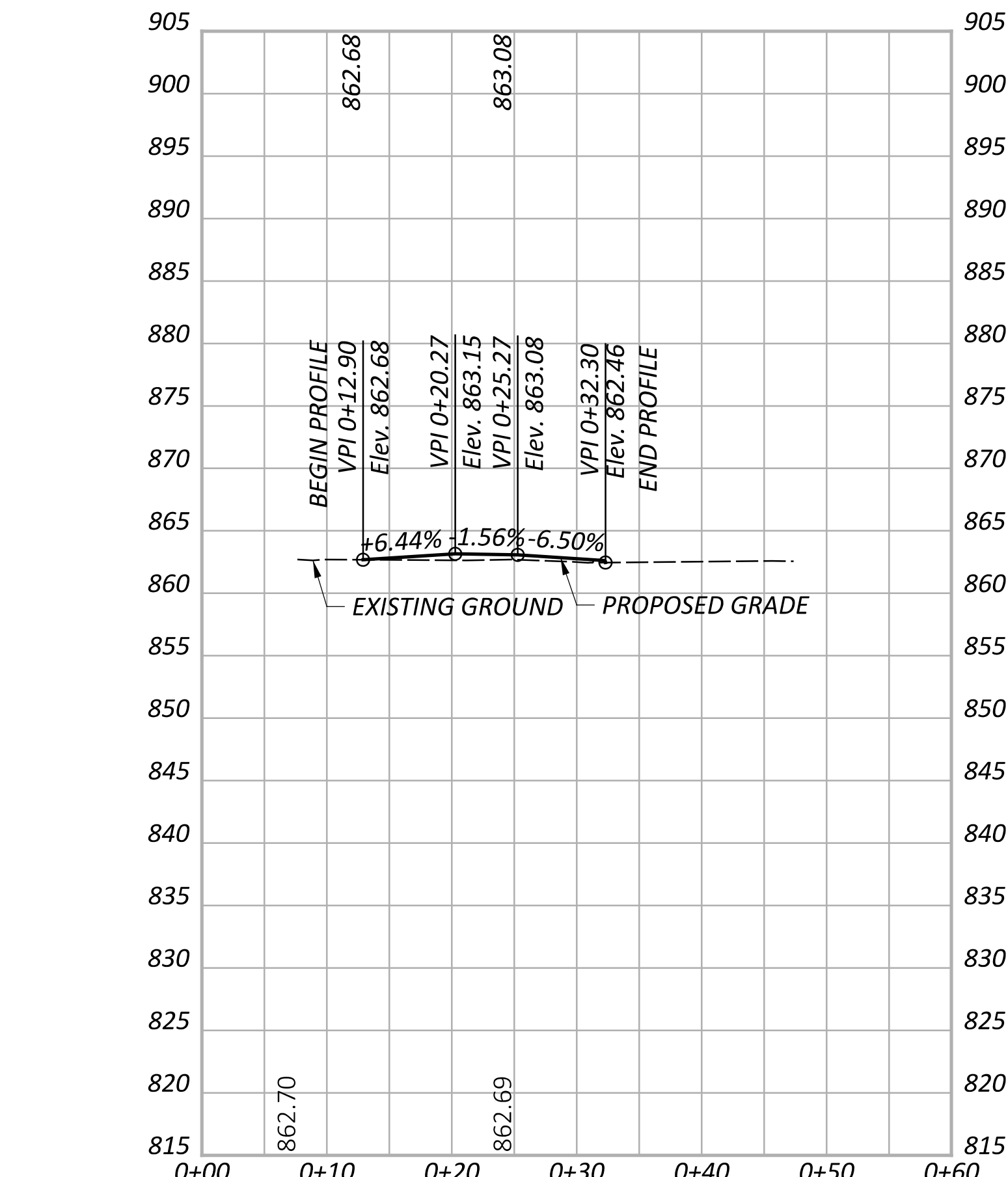
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DRIVEWAY DETAIL DRIVES #14 & #15

DESIGN AGENCY



Stantec

10200 Alliance Road,
Suite 300
Cincinnati, OH 45242
(513) 842-8200

DESIGNER

CMG

REVIEWER

ZTM 10/17/2

PROJECT ID

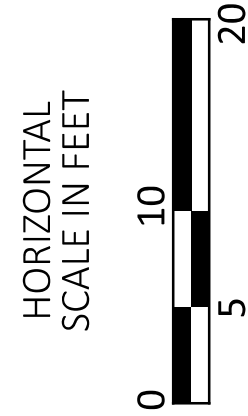
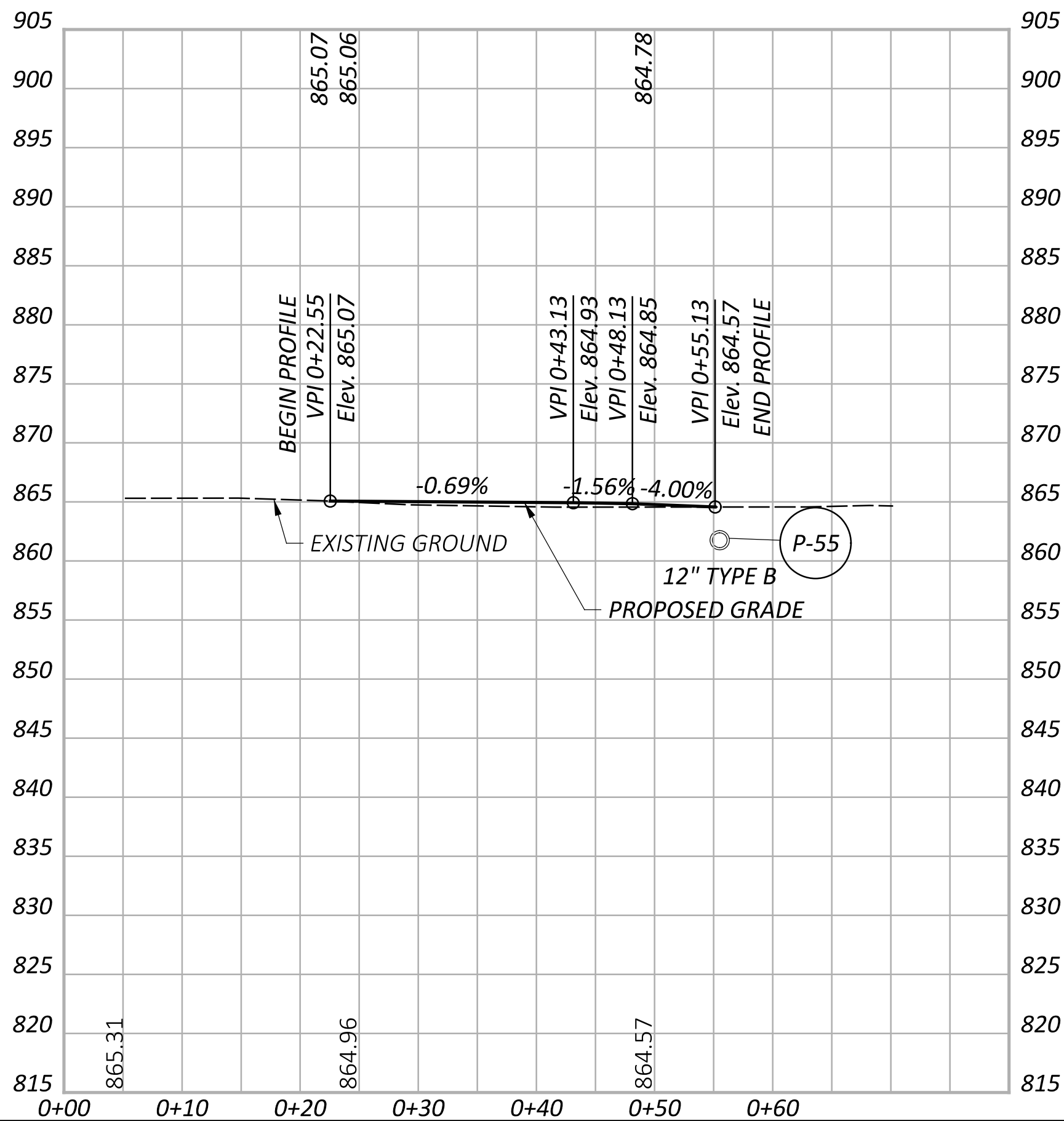
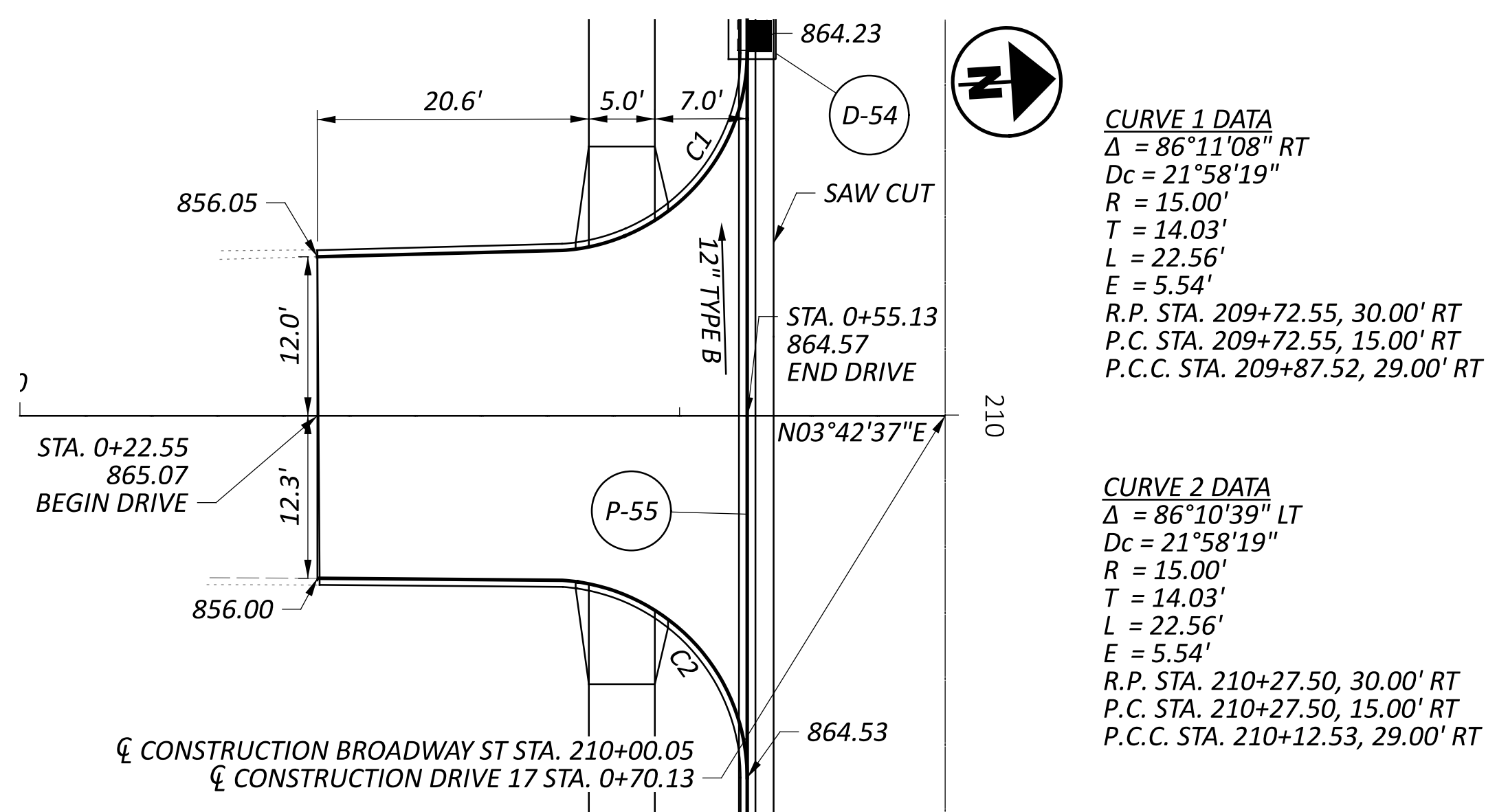
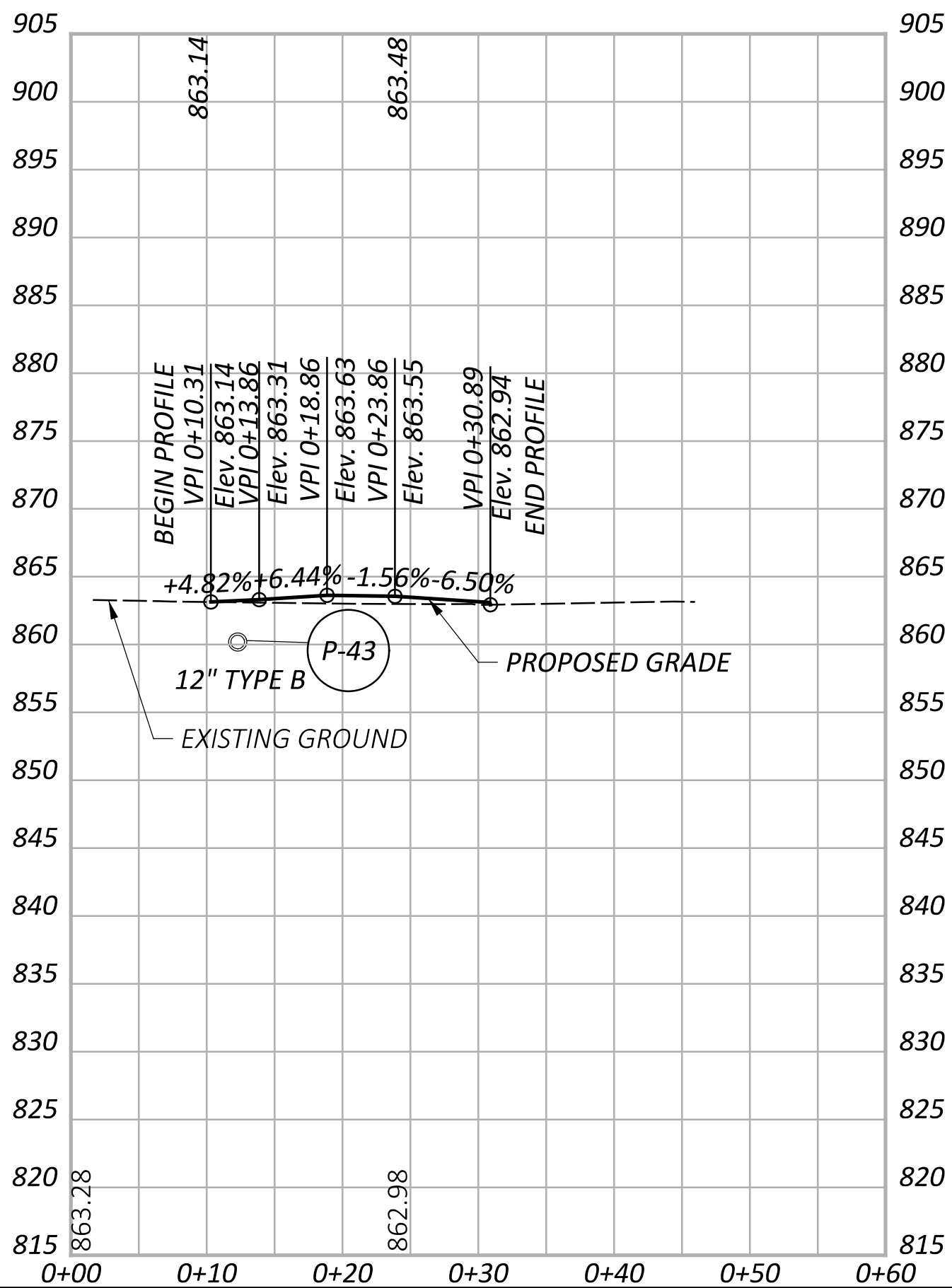
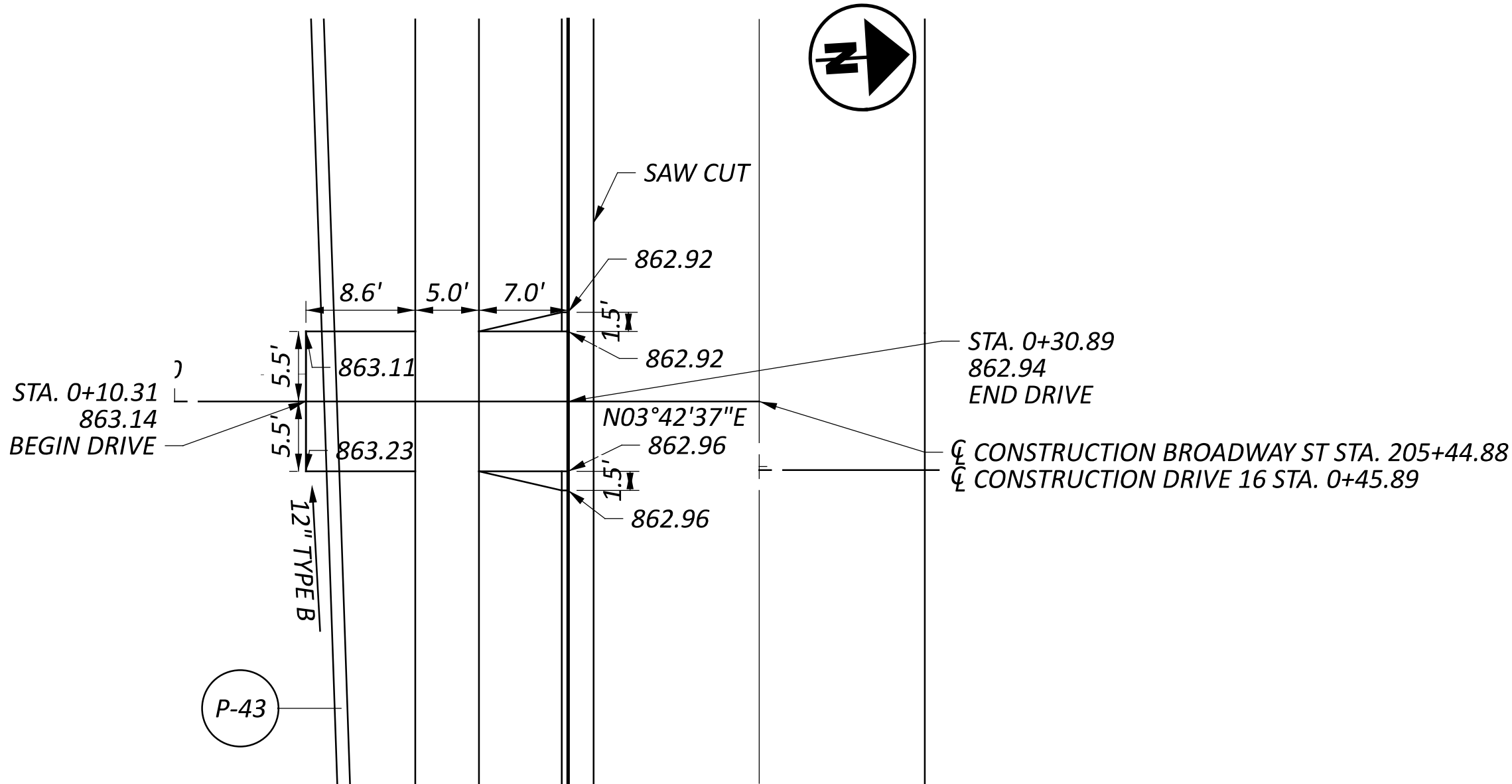
119739

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TOTAL

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DRIVEWAY DETAIL
DRIVES #17 & #18

DESIGN AGENCY



10200 Alliance Road,
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CMG

REVIEWER

ZTM 10/17/25

PROJECT ID

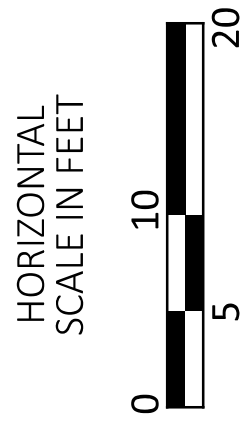
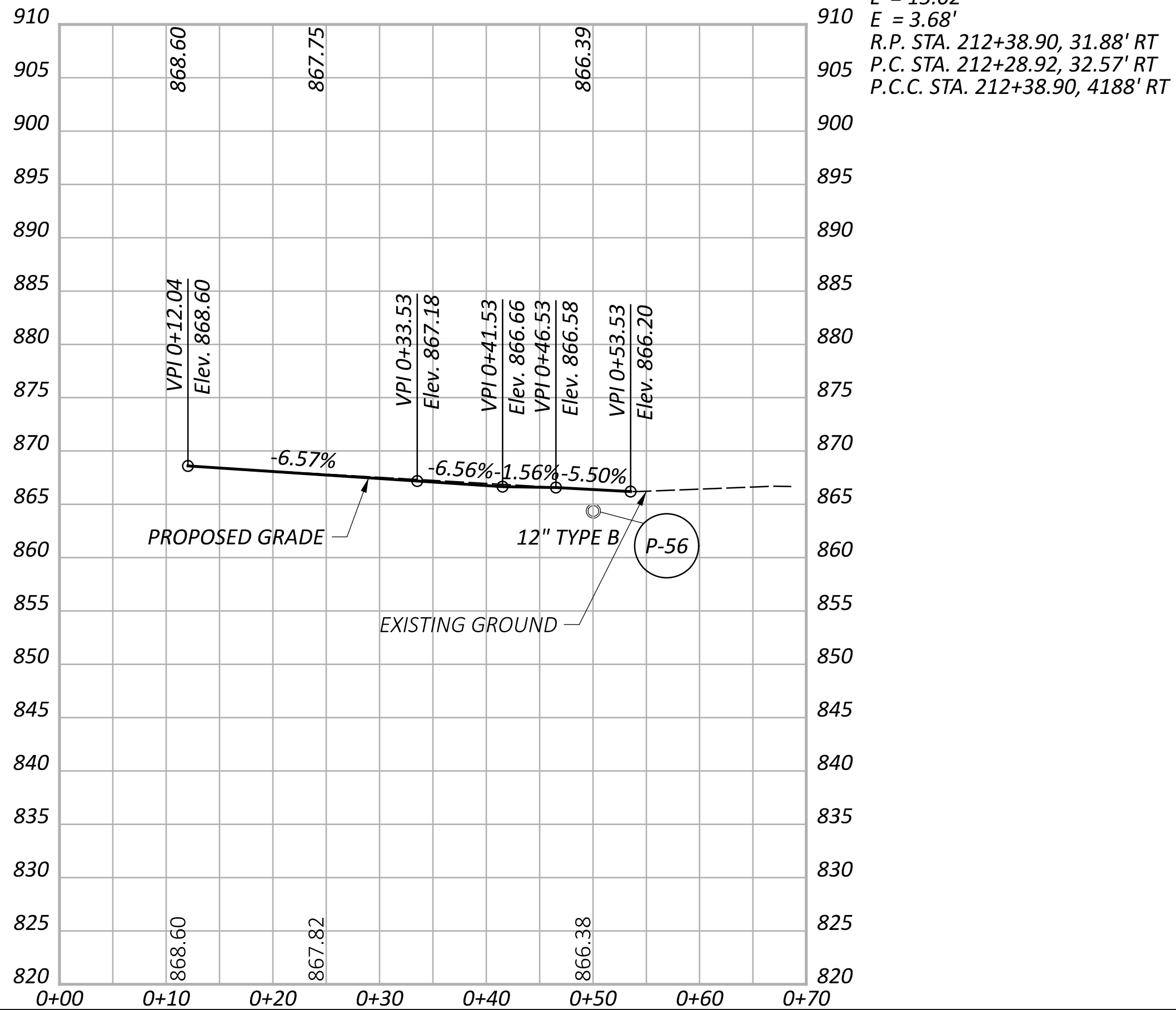
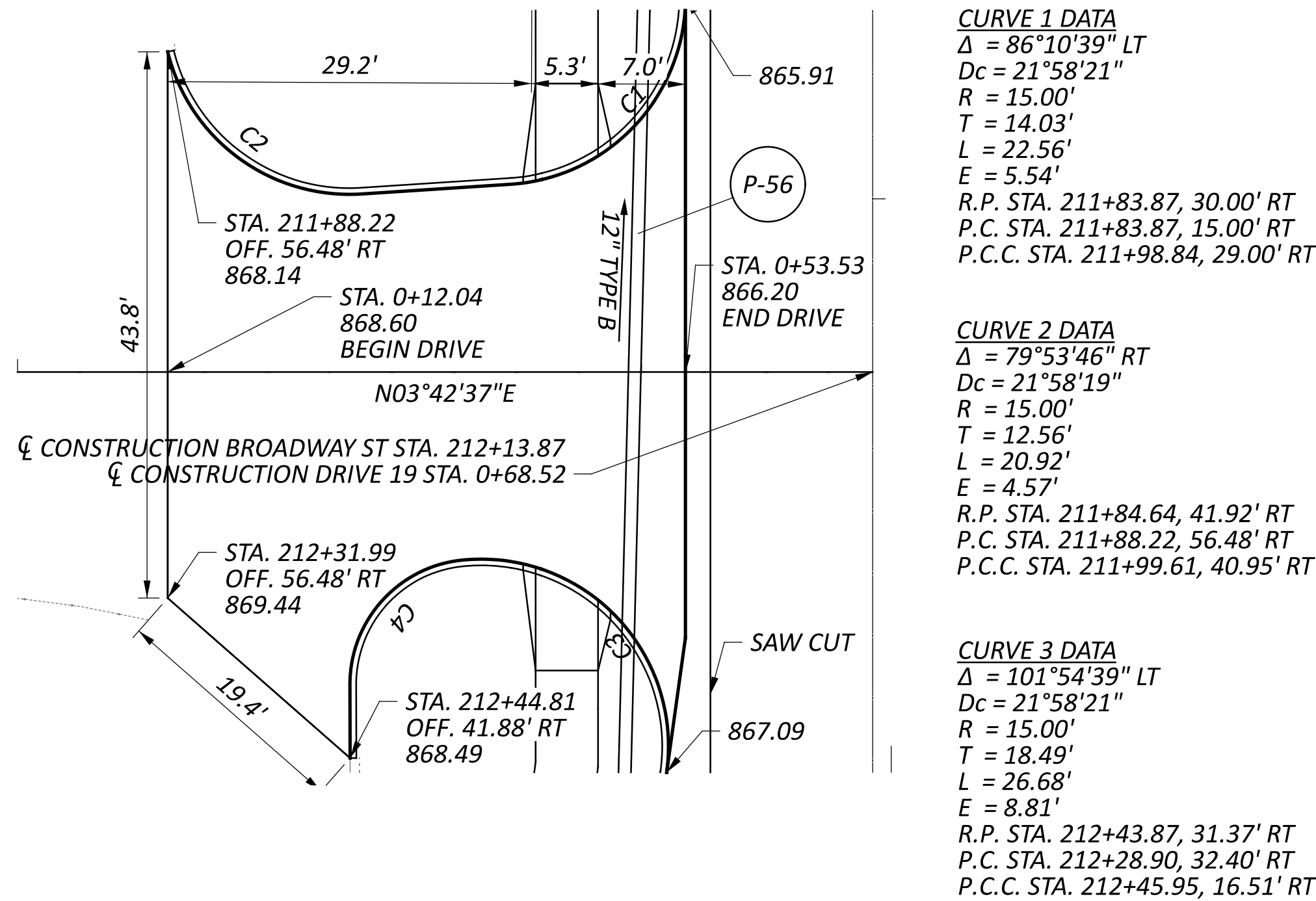
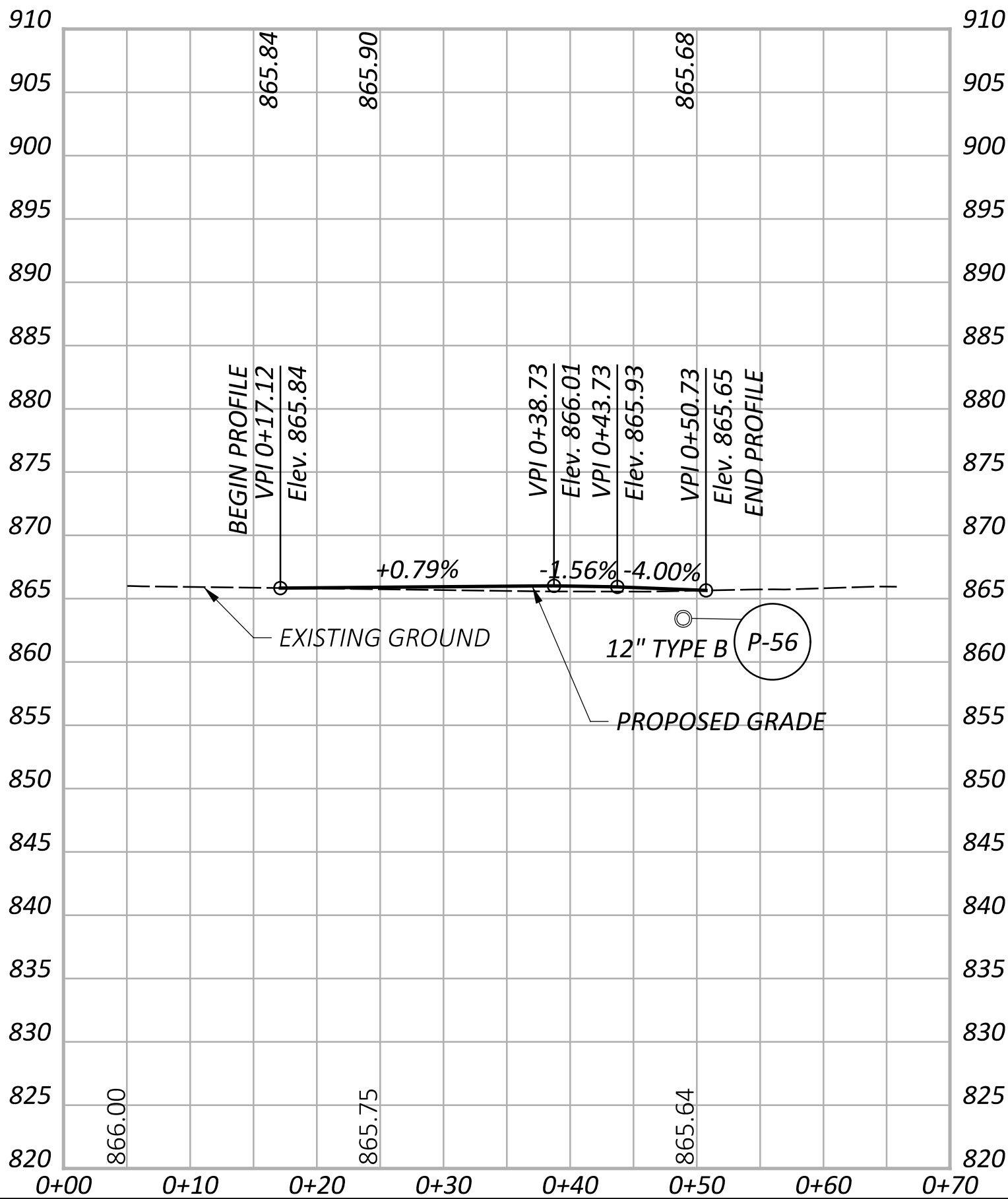
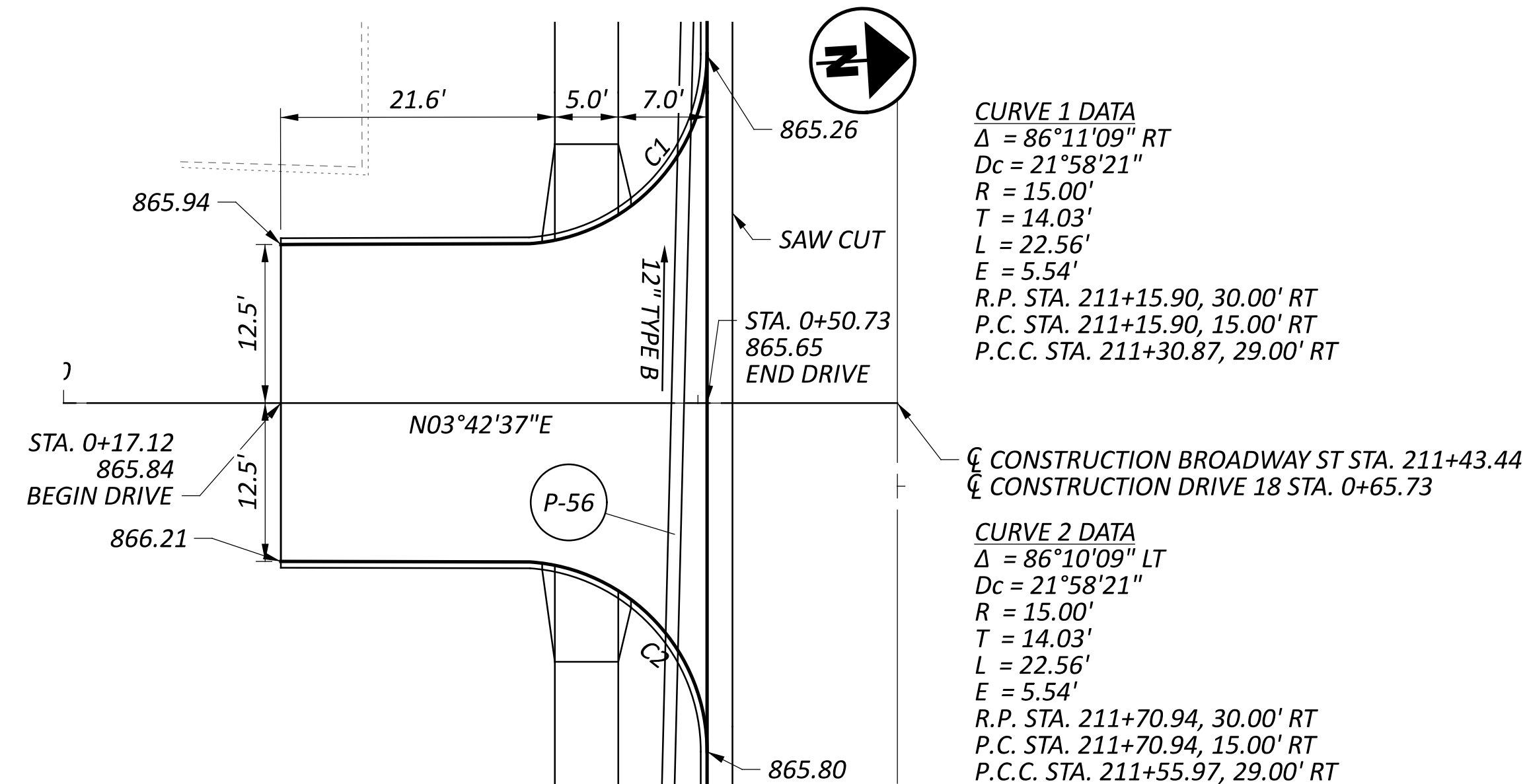
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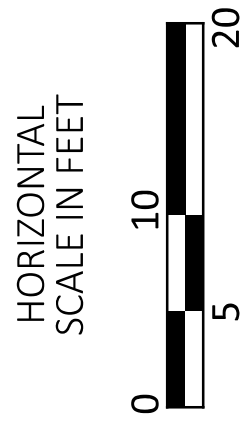
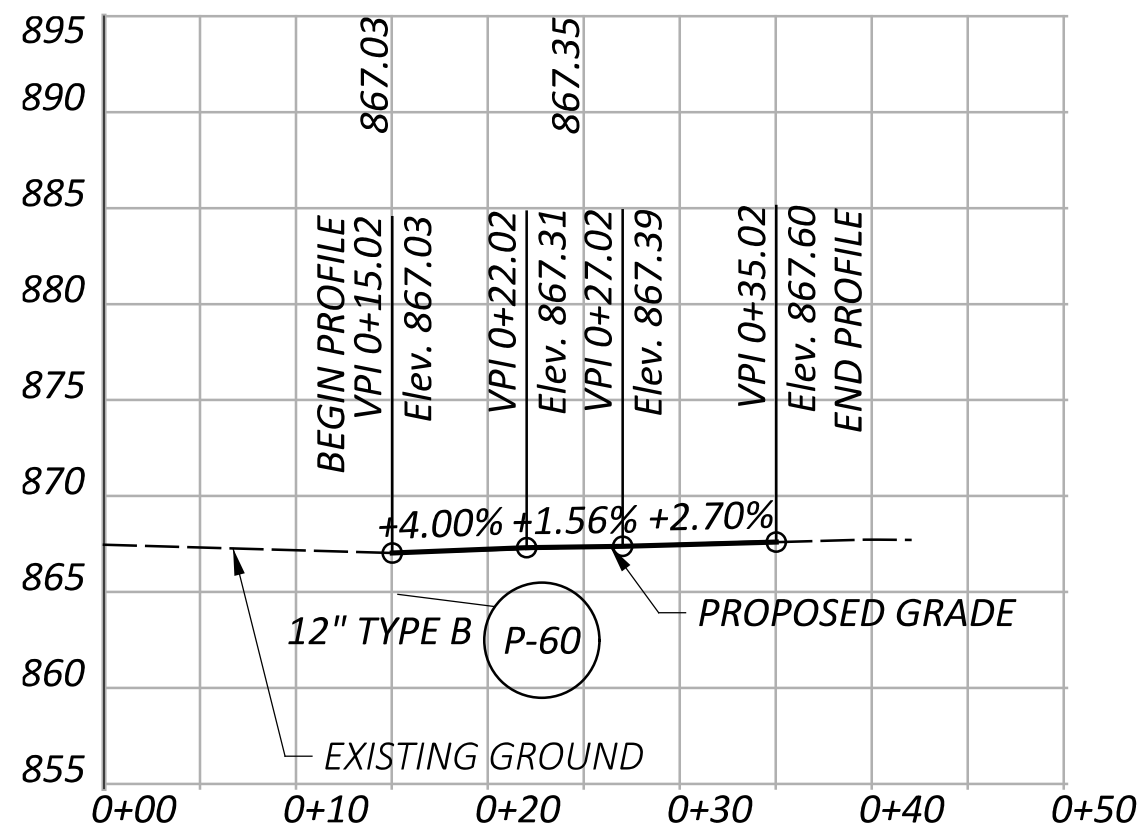
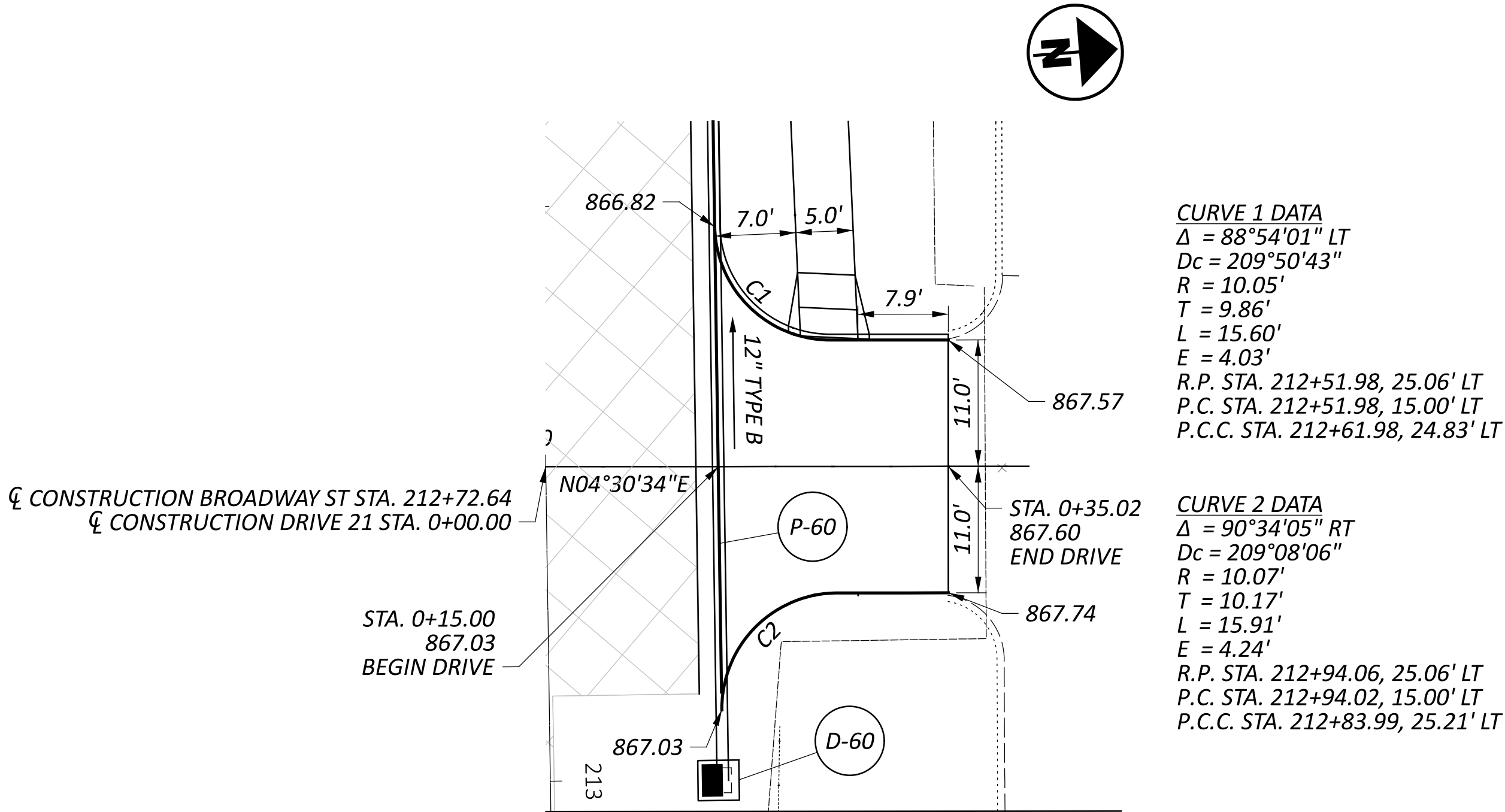
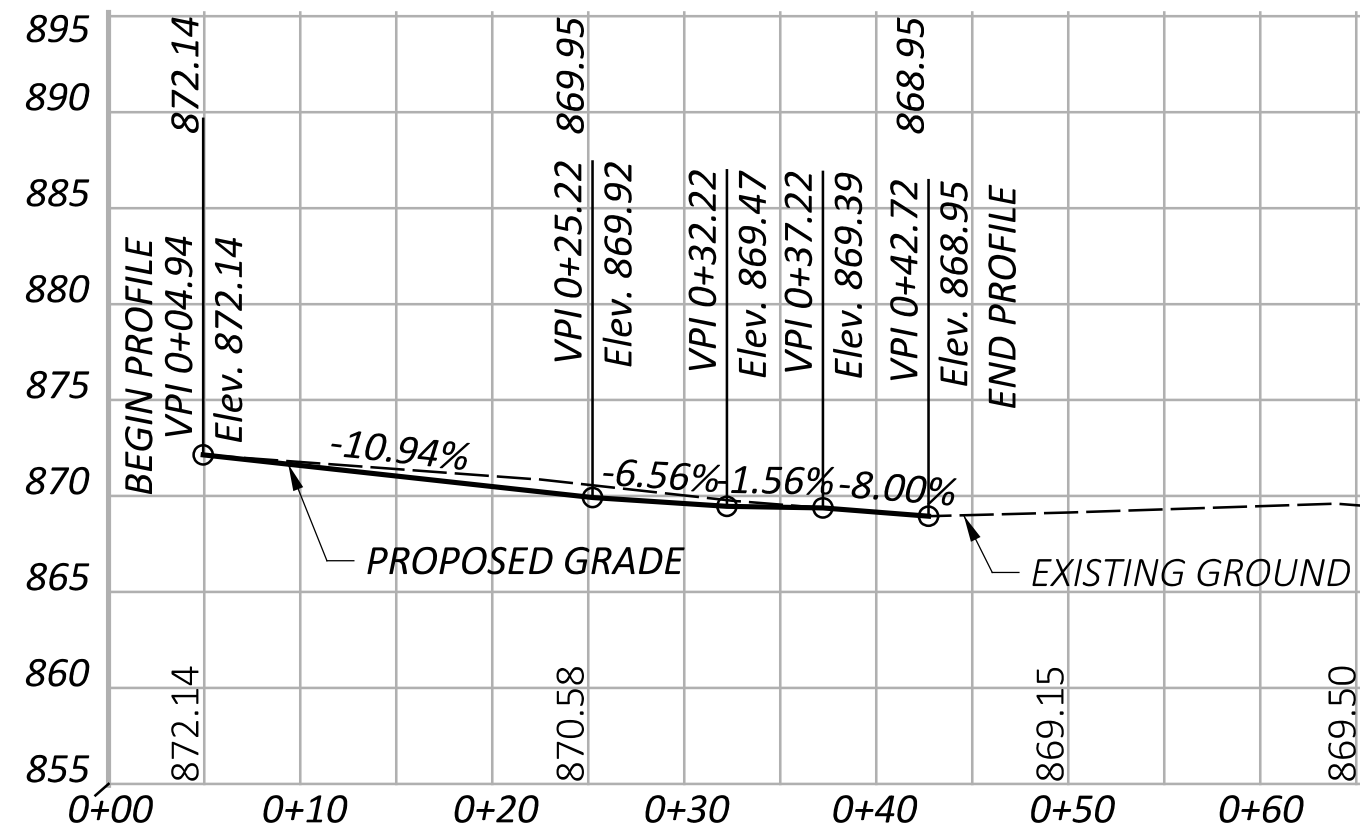
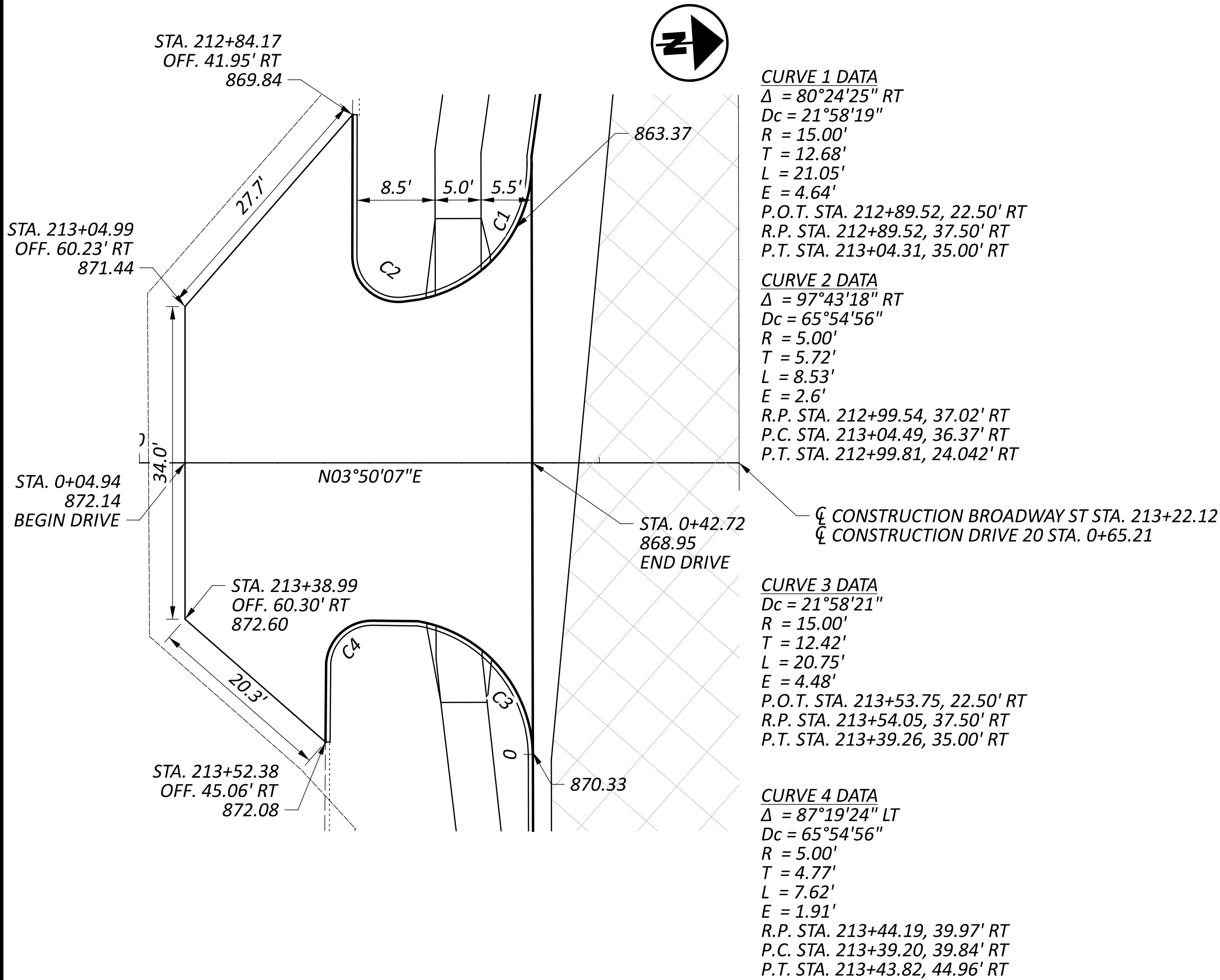
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TOTAL

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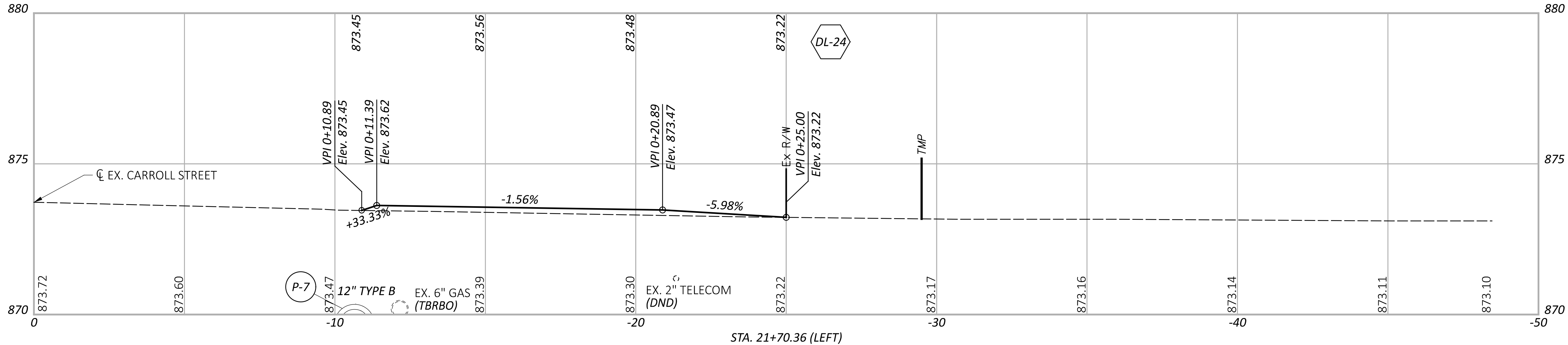
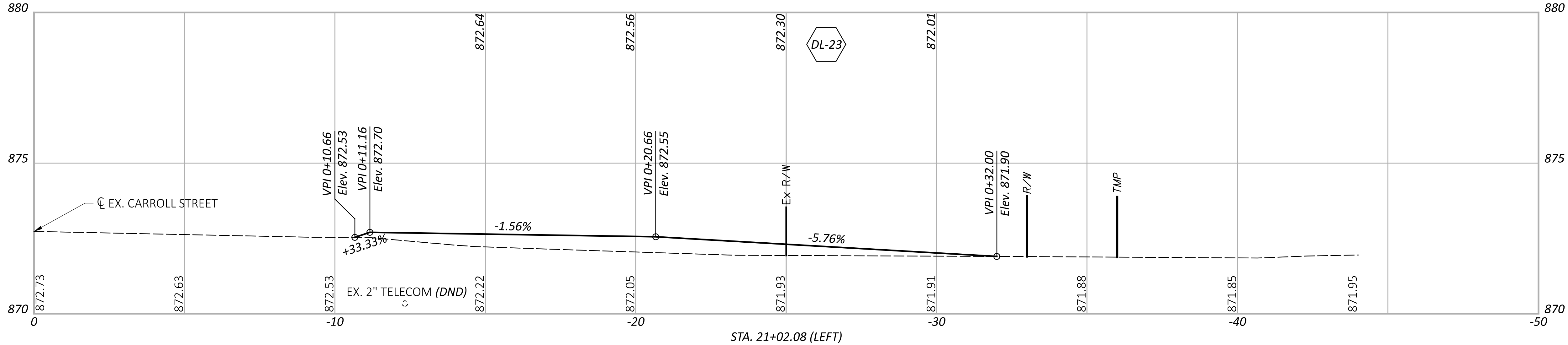
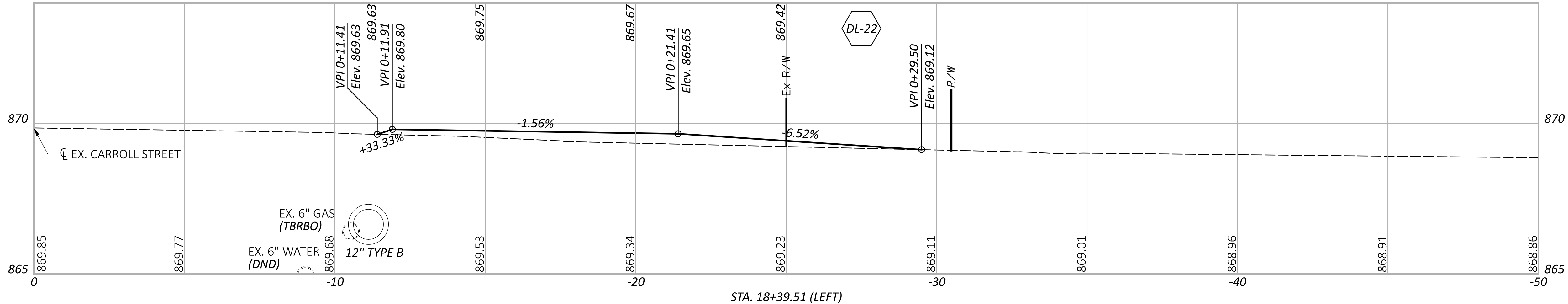
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DRIVES #18 & #19

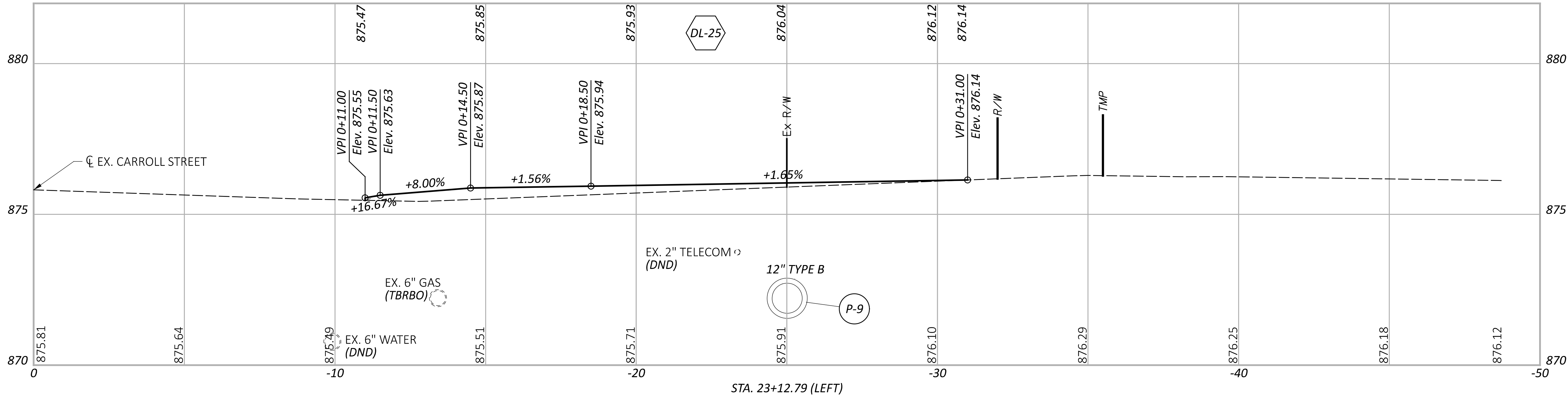
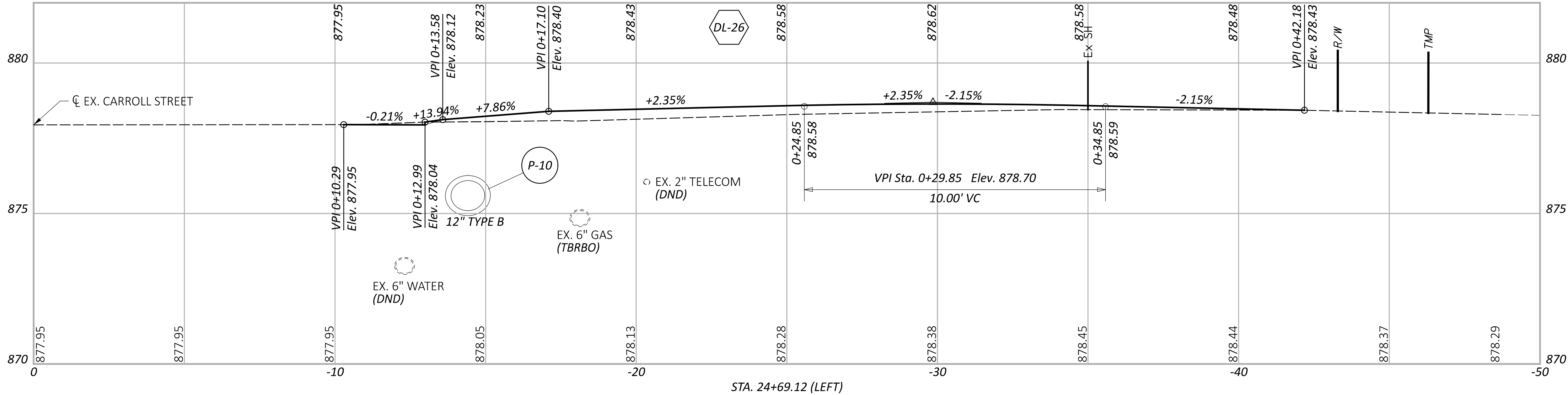


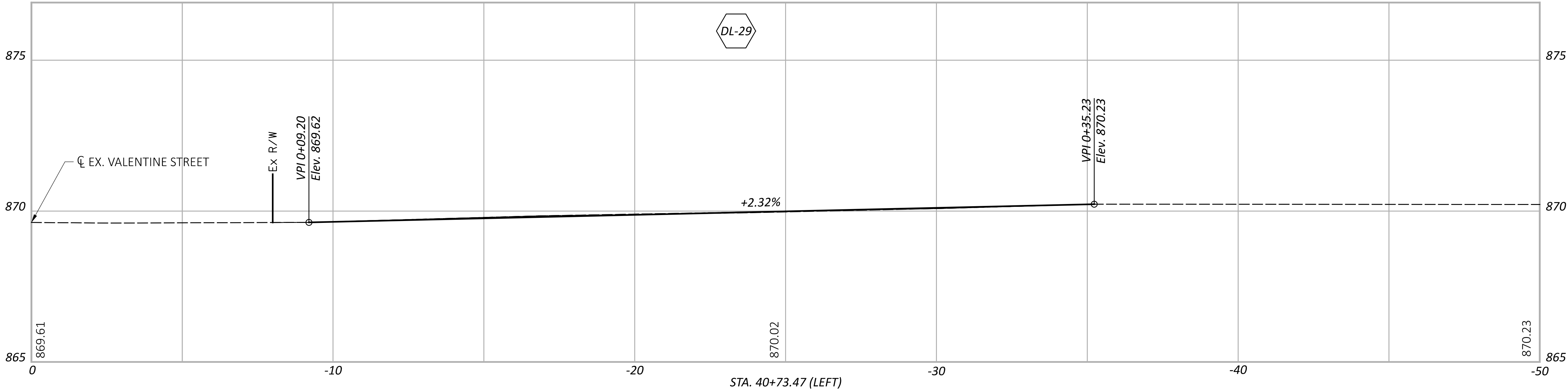
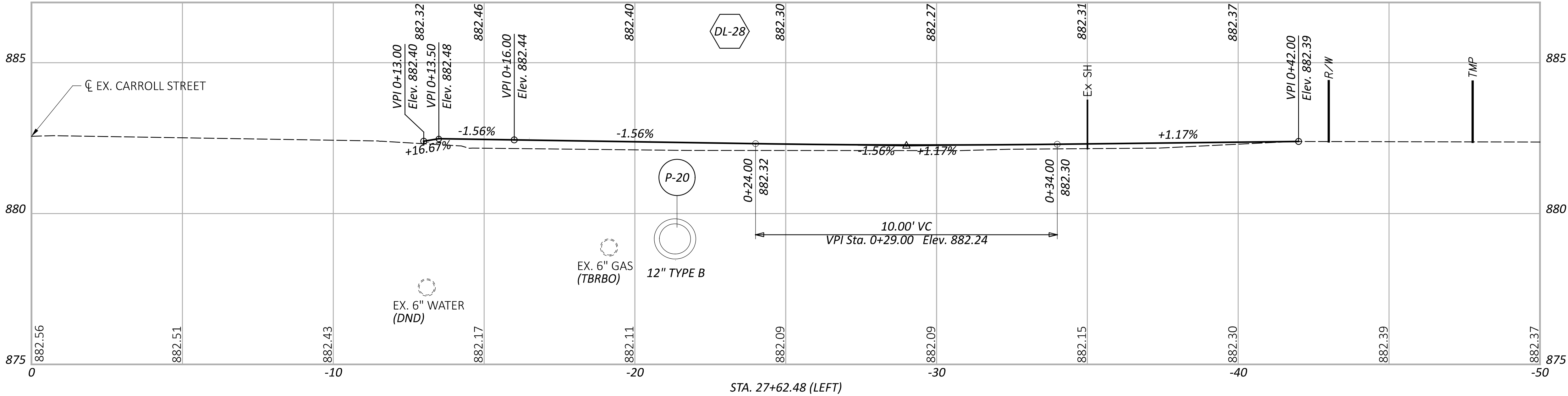
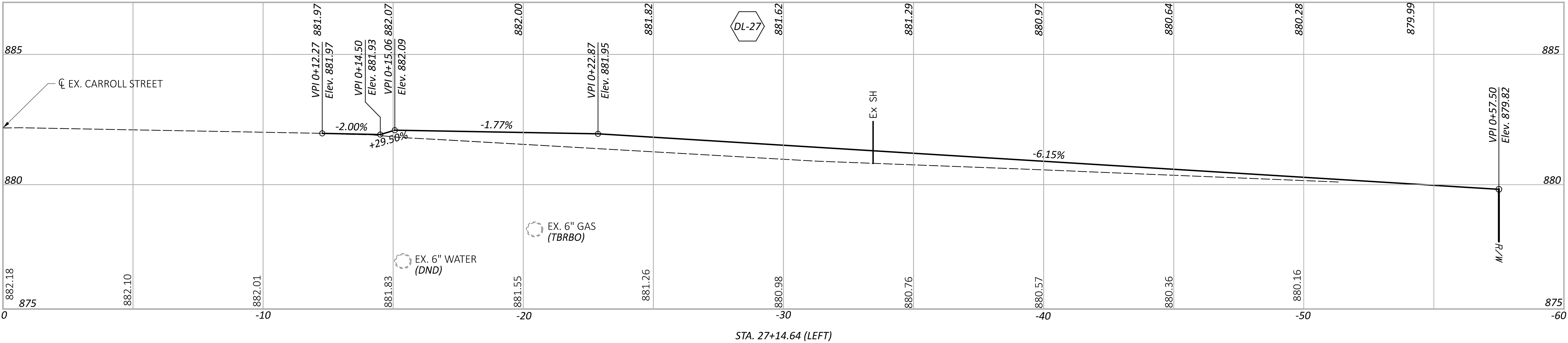
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DRIVES #20 & #21

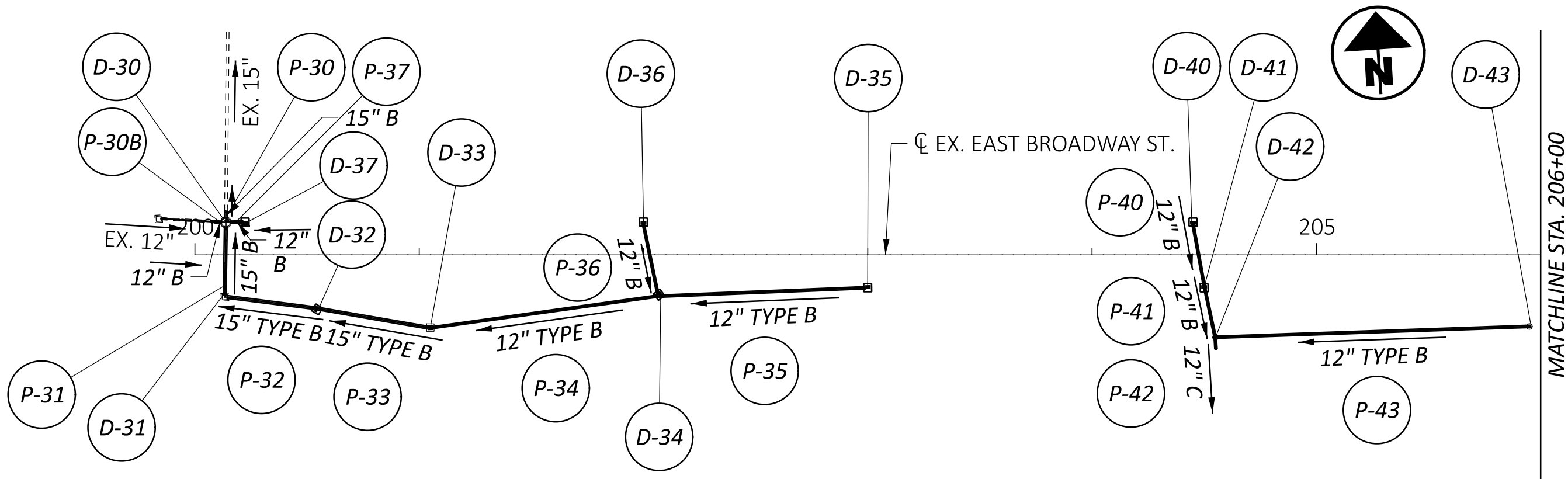
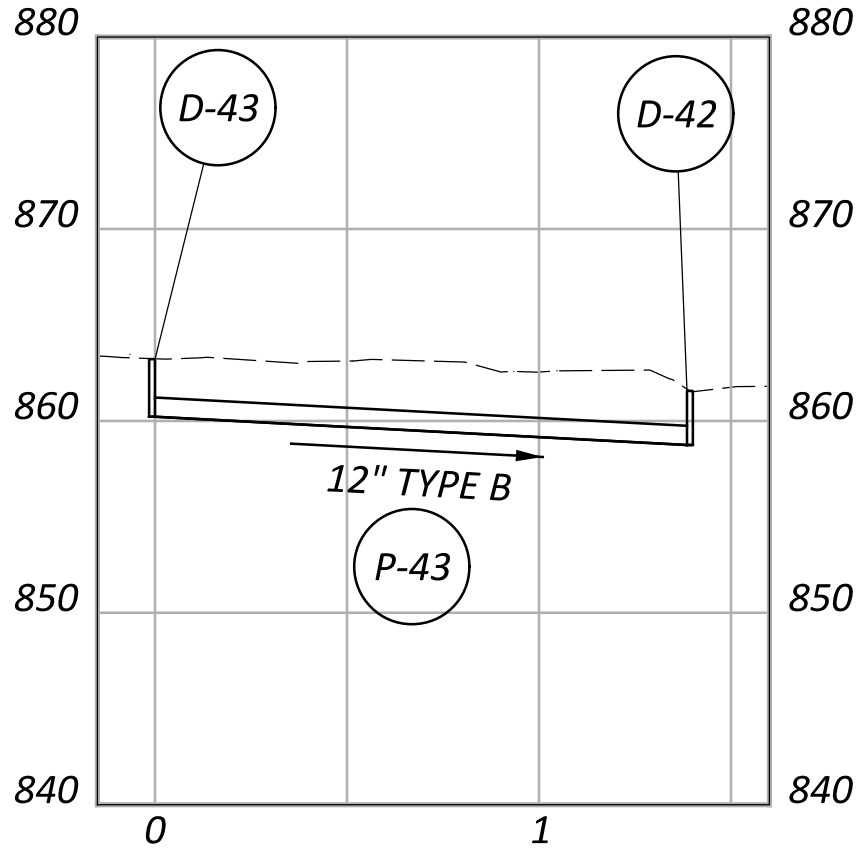
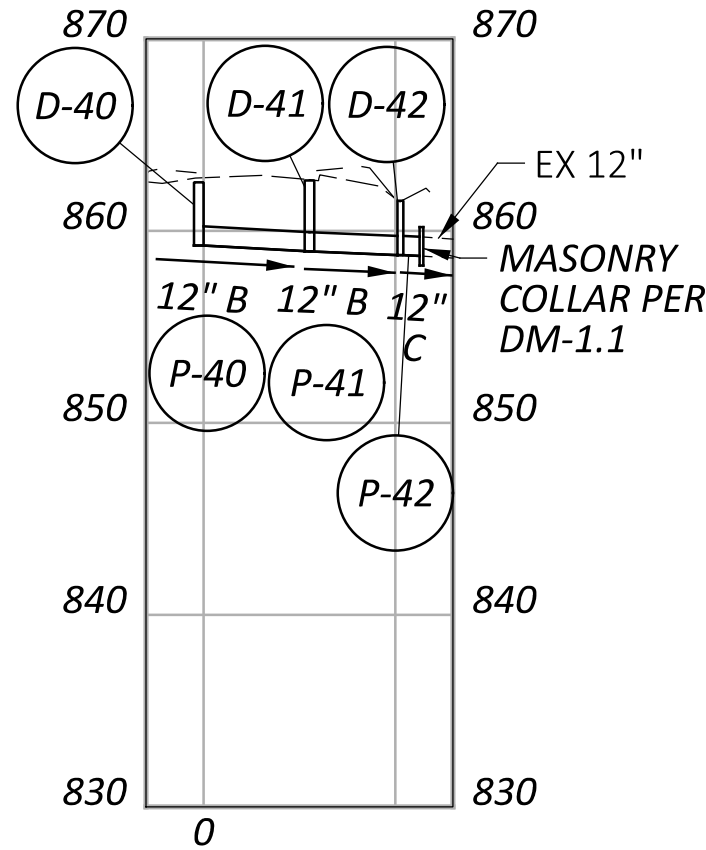
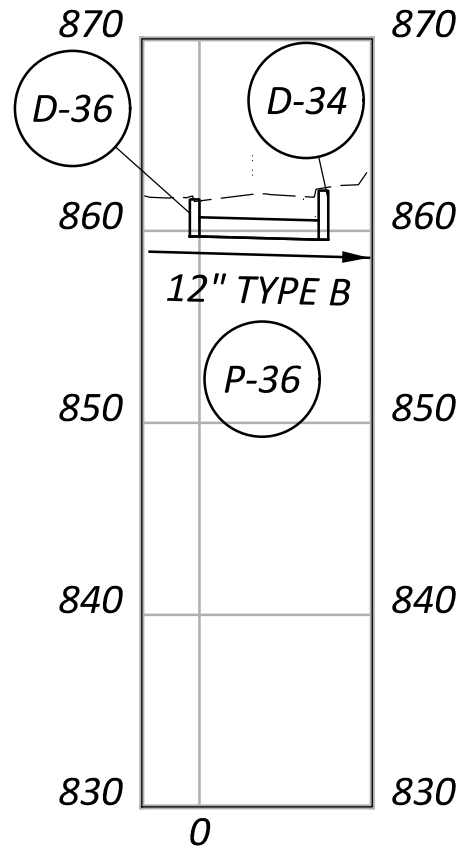
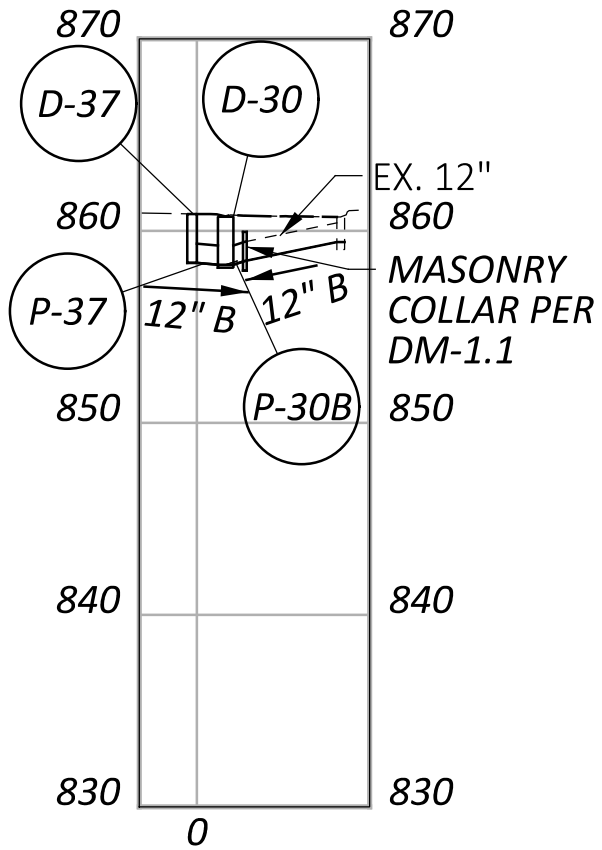
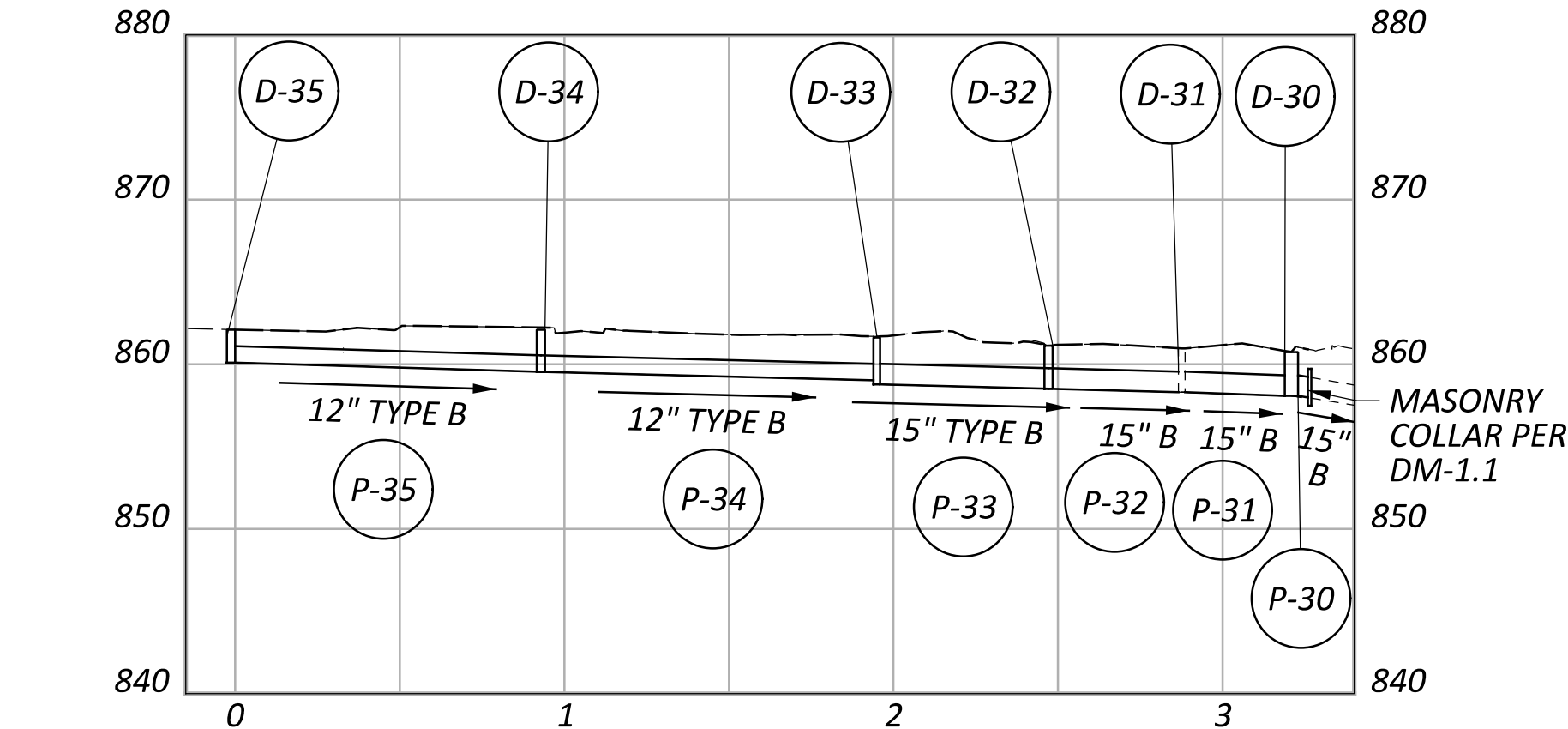


DESIGNER	CMG
REVIEWER	ZTM
PROJECT ID	10/17/25
SHEET	119739
TOTAL	P.69
	92





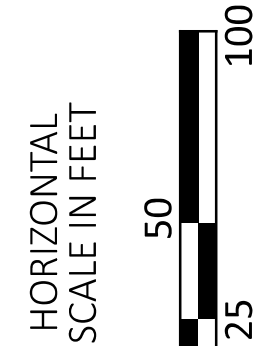




DRAINAGE STRUCTURES DETAILS								
REF NO.	BASLINE NAME	STATION	OFFSET	SIDE	TYPE	GRATE/RIM ELEV.	INVERT ELEV.	CONNECTED PIPES
D-30	EX. EAST BROADWAY ST	200+13.82	14.47 ft	LT	MH-3	860.73 ft	858.08 ft	(IN) P-30B 12" W 858.23, (IN) P-37 12" E 858.23, (IN) P-31 15" S 858.08, (OUT) P-30A 15" N 858.08
D-31	EX. EAST BROADWAY ST	200+13.41	18.83 ft	RT	EX. CB-2-2B	860.96 ft	858.31 ft	(IN) P-32 15" E 858.31, (OUT) P-31 15" N 858.31
D-32	EX. EAST BROADWAY ST	200+54.80	24.48 ft	RT	CB-3A	861.12 ft	858.52 ft	(IN) P-33 15" E 858.52, (OUT) P-32 15" W 858.52
D-33	EX. EAST BROADWAY ST	201+05.00	32.41 ft	RT	CB-2-2B	861.63 ft	858.78 ft	(IN) P-34 12" E 859.03, (OUT) P-33 15" W 858.78
D-34	EX. EAST BROADWAY ST	202+07.16	18.01 ft	RT	CB-3A	862.10 ft	859.54 ft	(IN) P-36 12" N 859.54, (IN) P-35 12" E 859.54, (OUT) P-34 12" W 859.54
D-35	EX. EAST BROADWAY ST	203+00.00	14.95 ft	RT	CB-3A	862.10 ft	860.10 ft	(OUT) P-35 12" W 860.10
D-36	EX. EAST BROADWAY ST	202+00.00	14.95 ft	LT	CB-3A	861.64 ft	859.71 ft	(OUT) P-36 12" S 859.71
D-37	EX. EAST BROADWAY ST	200+22.38	14.94 ft	LT	CB-3A	860.87 ft	858.33 ft	(OUT) P-37 12" W 858.33
D-40	EX. EAST BROADWAY ST	204+45.01	14.95 ft	LT	CB-3A	862.53 ft	859.23 ft	(OUT) P-40 12" S 859.23
D-41	EX. EAST BROADWAY ST	204+50.00	15.00 ft	RT	CB-3A	862.63 ft	858.93 ft	(IN) P-40 12" N 858.93, (OUT) P-41 12" S 858.93
D-42	EX. EAST BROADWAY ST	204+55.00	36.74 ft	RT	SIDE DITCH INLET	861.57 ft	858.74 ft	(IN) P-41 12" N 858.74, (IN) P-43 12" E 858.74, (OUT) P-42 12" S 858.74
D-43	EX. EAST BROADWAY ST	205+95.00	31.93 ft	RT	SIDE DITCH INLET	863.22 ft	860.22 ft	(OUT) P-44 12" W 860.22

DRAINAGE PIPES DETAILS										
REF NO.	CFN	LENGTH	SIZE	TYPE	SLOPE	START STRUCT. REF NO.	START INVERT ELEV.	STOP STRUCT. REF NO.	STOP INVERT ELEV.	DISPOSITION
P-30		5 ft	15"	TYPE B	2.00%	D-30	858.08 ft	D-30A	857.98	
P-30B		5 ft	12"	TYPE B	4.00%	D-30B	858.43 ft	D-30	858.23 ft	
P-31		33 ft	15"	TYPE B	0.70%	D-31	858.31 ft	D-30	858.08 ft	
P-32		42 ft	15"	TYPE B	0.50%	D-32	858.52 ft	D-31	858.31 ft	
P-33		51 ft	15"	TYPE B	0.51%	D-33	858.78 ft	D-32	858.52 ft	
P-34		103 ft	12"	TYPE B	0.50%	D-34	859.54 ft	D-33	859.03 ft	
P-35		93 ft	12"	TYPE B	0.60%	D-35	860.10 ft	D-34	859.54 ft	
P-36		34 ft	12"	TYPE B	0.50%	D-36	859.71 ft	D-34	859.54 ft	
P-37		9 ft	12"	TYPE B	1.11%	D-37	858.33 ft	D-30	858.23 ft	
P-40		30 ft	12"	TYPE B	1.00%	D-40	859.23 ft	D-41	858.93 ft	
P-41		22 ft	12"	TYPE B	0.86%	D-41	858.93 ft	D-42	858.74 ft	
P-42		5 ft	12"	TYPE C	1.00%	D-42	858.74 ft	D-42A	858.69 ft	
P-43		140 ft	12"	TYPE B	1.06%	D-43	860.22 ft	D-42	858.74 ft	

STORM SEWER PROFILES
EAST BROADWAY ST



DESIGN AGENCY

TRANSYSTEMS
400 W. NATIONWIDE BLVD., STE 225
COLUMBUS, OHIO 43215

DESIGNER

TJA

REVIEWER

MSW 10/17/25

PROJECT ID

119739

SHEET

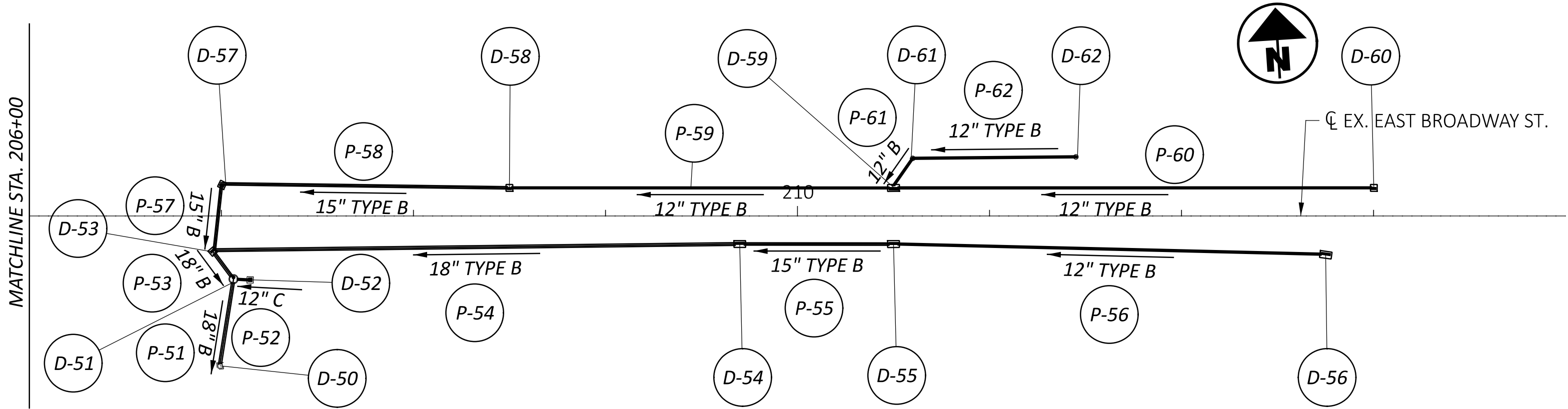
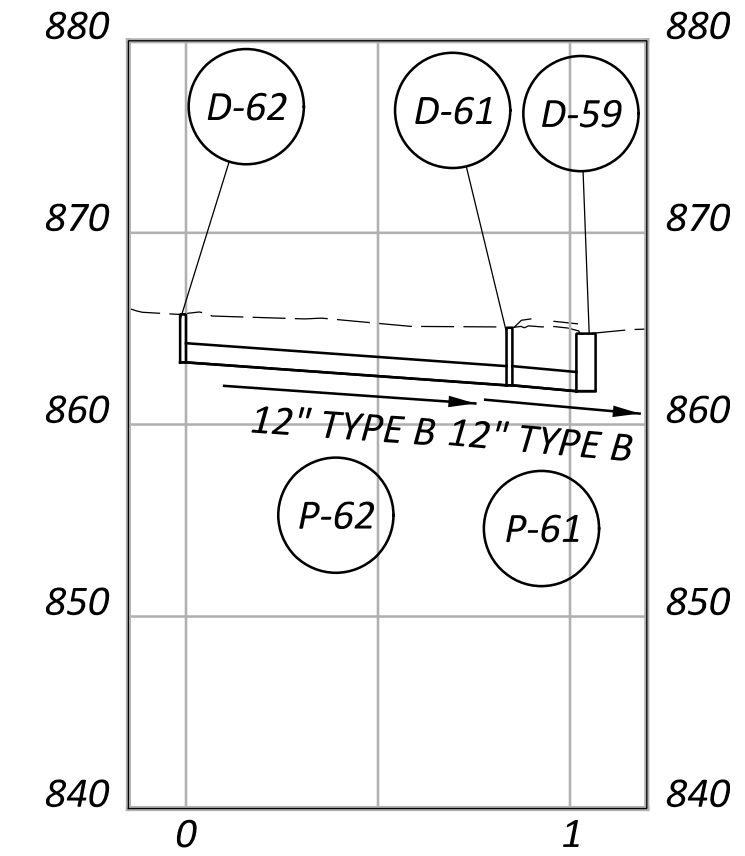
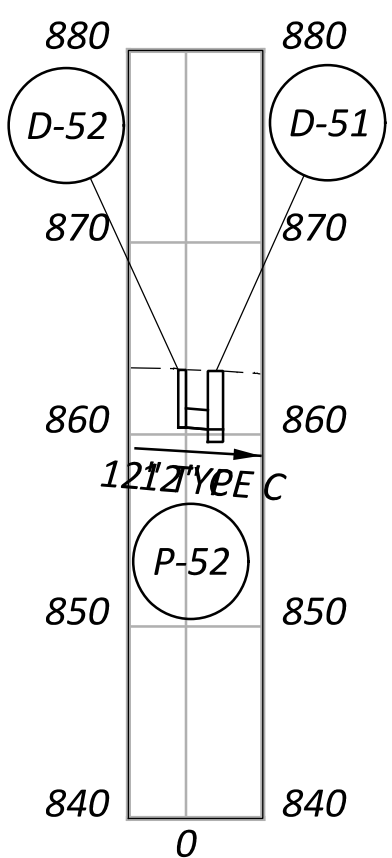
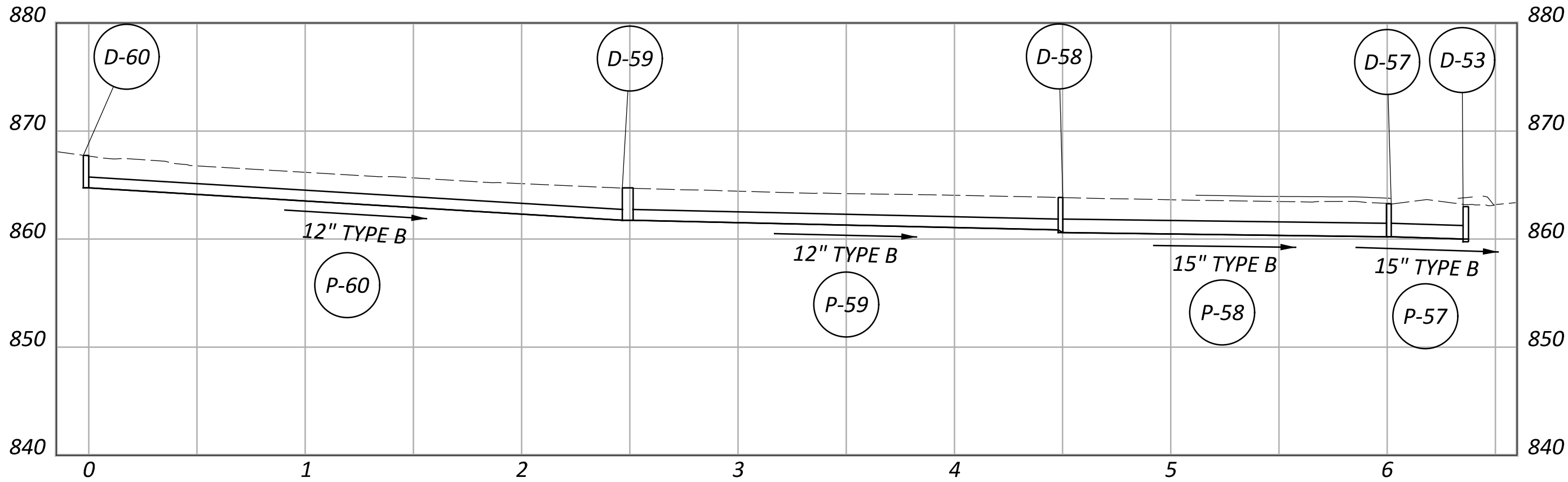
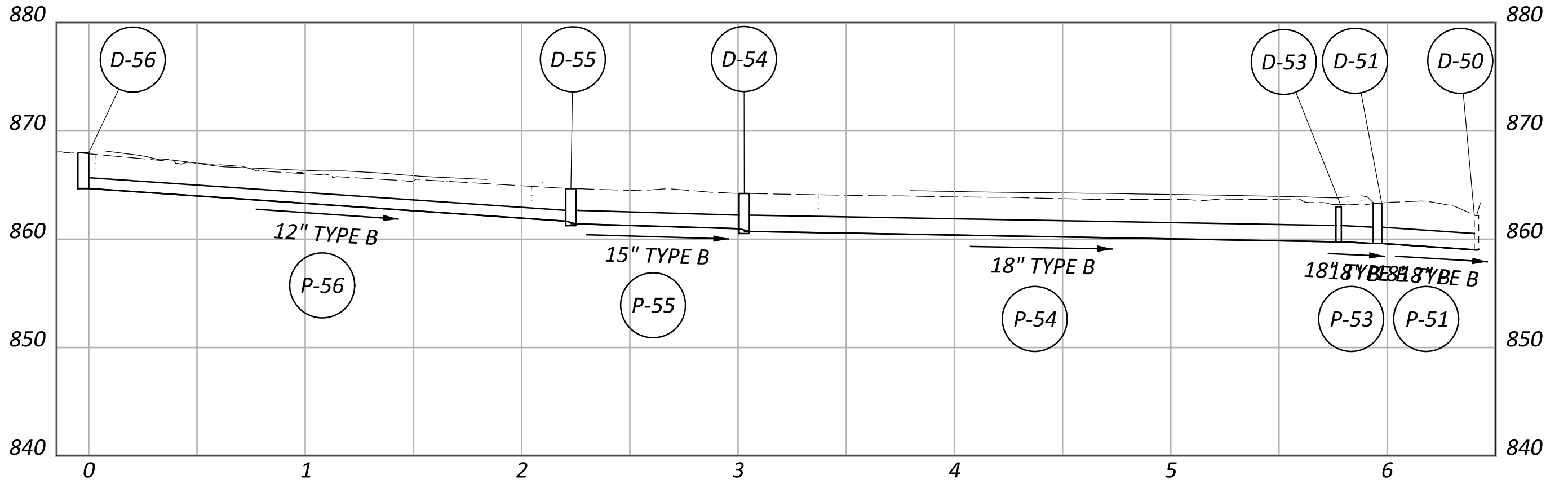
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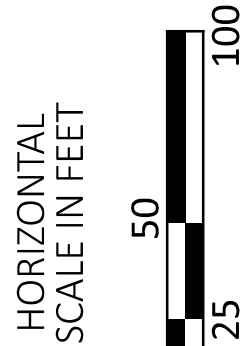
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DRAINAGE STRUCTURES DETAILS									
REF NO.	BASLINE NAME	STATION	OFFSET	SIDE	TYPE	GRATE/RIM ELEV.	INVERT ELEV.	CONNECTED PIPES	DISPOSITION
D-50	EX. EAST BROADWAY ST	206+99.37	78.09 ft	RT	EX. CB-2-2B	862.16 ft	858.97 ft	(IN) P-51 18" N 859.03, (OUT) P-50 18" S 858.97	(DND)
D-51	EX. EAST BROADWAY ST	207+06.32	32.87 ft	RT	MH-3	863.31 ft	859.61 ft	(IN) P-52 12" E 860.27, (IN) P-53 18" NW 859.61, (OUT) P-51 18" S 859.61	
D-52	EX. EAST BROADWAY ST	207+15.00	33.29 ft	RT	CB-2-2B	863.36 ft	860.36 ft	(OUT) P-52 12" W 860.36	
D-53	EX. EAST BROADWAY ST	206+95.75	18.75 ft	RT	CB-3A	863.00 ft	859.76 ft	(IN) P-54 18" E 859.76, (IN) P-57 15" N 860.01, (OUT) P-53 18" SE 859.76	
D-54	EX. EAST BROADWAY ST	209+69.96	14.91 ft	RT	CB-3	864.22 ft	860.72 ft	(IN) P-55 15" E 860.97, (OUT) P-54 18" W 860.72	
D-55	EX. EAST BROADWAY ST	210+50.03	14.92 ft	RT	CB-3	864.67 ft	861.67 ft	(IN) P-56 12" E 861.67, (OUT) P-55 15" W 861.42	
D-56	EX. EAST BROADWAY ST	212+75.08	20.50 ft	RT	CB-3	867.98 ft	864.68 ft	(OUT) P-56 12" W 864.68	
D-57	EX. EAST BROADWAY ST	207+00.55	16.50 ft	LT	CB-3A	863.27 ft	860.22 ft	(IN) P-58 15" E 860.22, (OUT) P-57 15" S 860.22	
D-58	EX. EAST BROADWAY ST	208+50.02	14.95 ft	LT	CB-3A	863.85 ft	860.60 ft	(IN) P-59 12" E 860.85, (OUT) P-58 15" W 860.60	
D-59	EX. EAST BROADWAY ST	210+50.02	14.91 ft	LT	CB-3	864.75 ft	861.75 ft	(IN) P-60 12" E 861.75, (IN) P-61 12" NE 861.75, (OUT) P-59 12" W 861.75	
D-60	EX. EAST BROADWAY ST	213+00.15	14.94 ft	LT	CB-3A	867.74 ft	864.74 ft	(OUT) P-60 12" W 864.74	
D-61	EX. EAST BROADWAY ST	210+60.01	30.03 ft	LT	SIDE DITCH INLET	865.05 ft	862.05 ft	(IN) P-62 12" E 862.05, (OUT) P-61 12" SW 862.05	
D-62	EX. EAST BROADWAY ST	211+45.01	30.76 ft	LT	SIDE DITCH INLET	865.75 ft	863.25 ft	(OUT) P-62 12" W 863.25	

DRAINAGE PIPES DETAILS										
REF NO.	CFN	LENGTH	SIZE	TYPE	SLOPE	START STRUCT. REF NO.	START INVERT ELEV.	STOP STRUCT. REF NO.	STOP INVERT ELEV.	DISPOSITION
P-51		46 ft	18"	TYPE B	1.26 %	D-51	859.61 ft	D-50	859.03 ft	
P-52		9 ft	12"	TYPE C	1.00 %	D-52	860.36 ft	D-51	860.27 ft	
P-53		18 ft	18"	TYPE B	0.85 %	D-53	859.76 ft	D-51	859.61 ft	
P-54		274 ft	18"	TYPE B	0.35 %	D-54	860.72 ft	D-53	859.76 ft	
P-55		80 ft	15"	TYPE B	0.56 %	D-55	861.42 ft	D-54	860.97 ft	
P-56		225 ft	12"	TYPE B	1.34 %	D-56	864.68 ft	D-55	861.67 ft	
P-57		36 ft	15"	TYPE B	0.58 %	D-57	860.22 ft	D-53	860.01 ft	
P-58		149 ft	15"	TYPE B	0.26 %	D-58	860.60 ft	D-57	860.22 ft	
P-59		200 ft	12"	TYPE B	0.45 %	D-59	861.75 ft	D-58	860.85 ft	
P-60		250 ft	12"	TYPE B	1.20 %	D-60	864.74 ft	D-59	861.75 ft	
P-61		18 ft	12"	TYPE B	1.67 %	D-61	862.05 ft	D-59	861.75 ft	
P-62		85 ft	12"	TYPE B	1.41 %	D-62	863.25 ft	D-61	862.05 ft	



STORM SEWER PROFILES
EAST BROADWAY ST



DESIGN AGENCY

TRANSYSTEMS
400 W. NATIONWIDE BLVD., STE 225
COLUMBUS, OHIO 43215

DESIGNER

TJA

REVIEWER

MSW 10/17/25

PROJECT ID

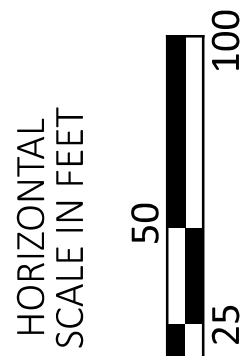
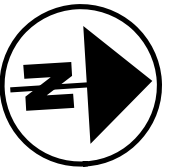
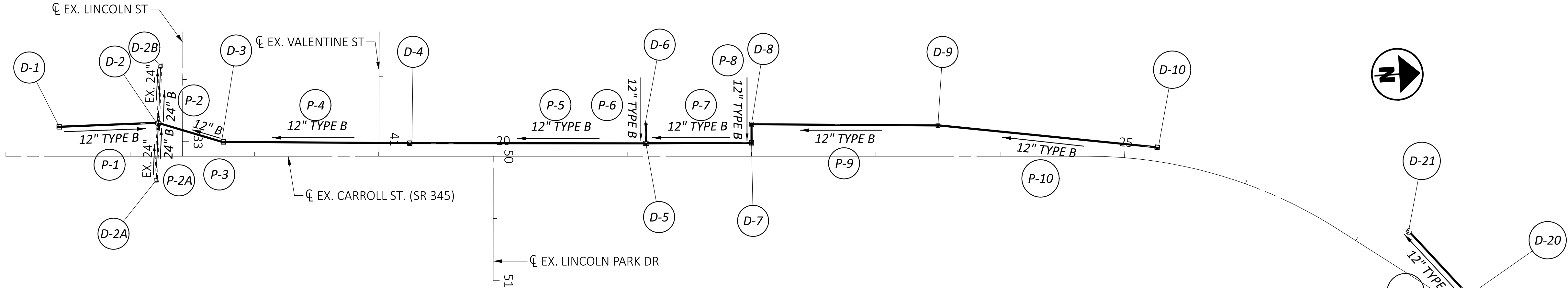
119739

SHEET

P.74

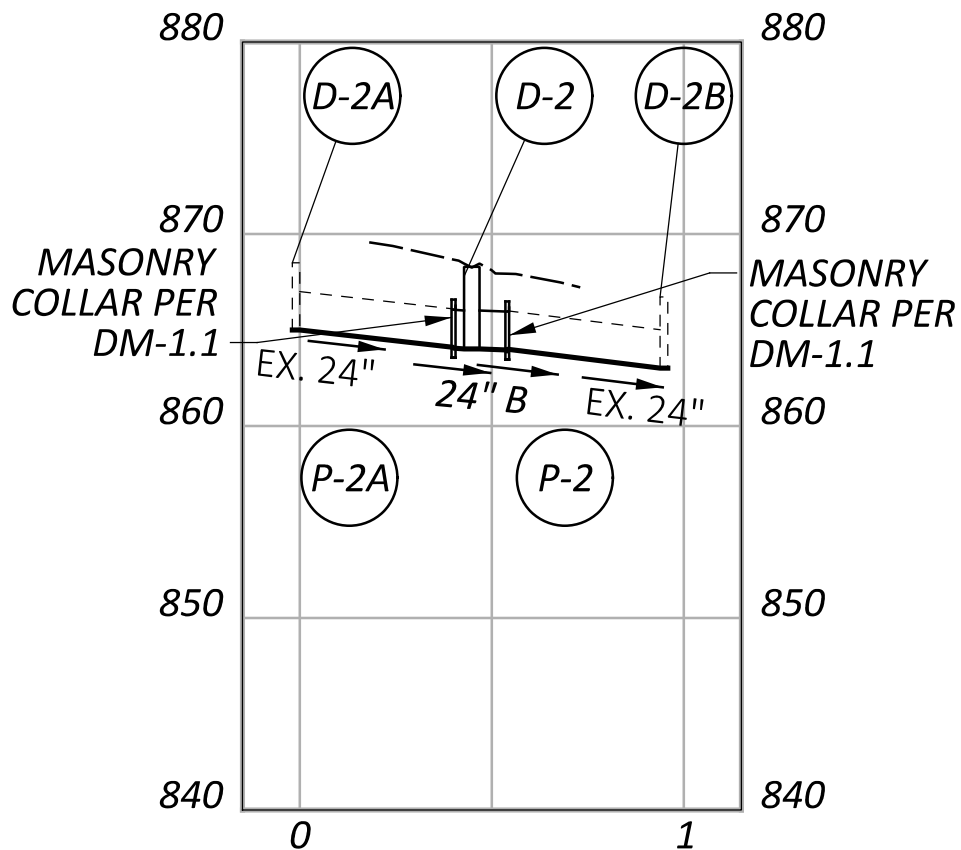
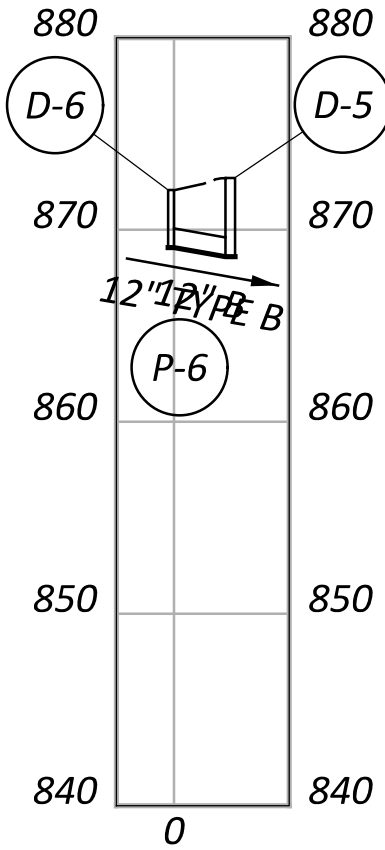
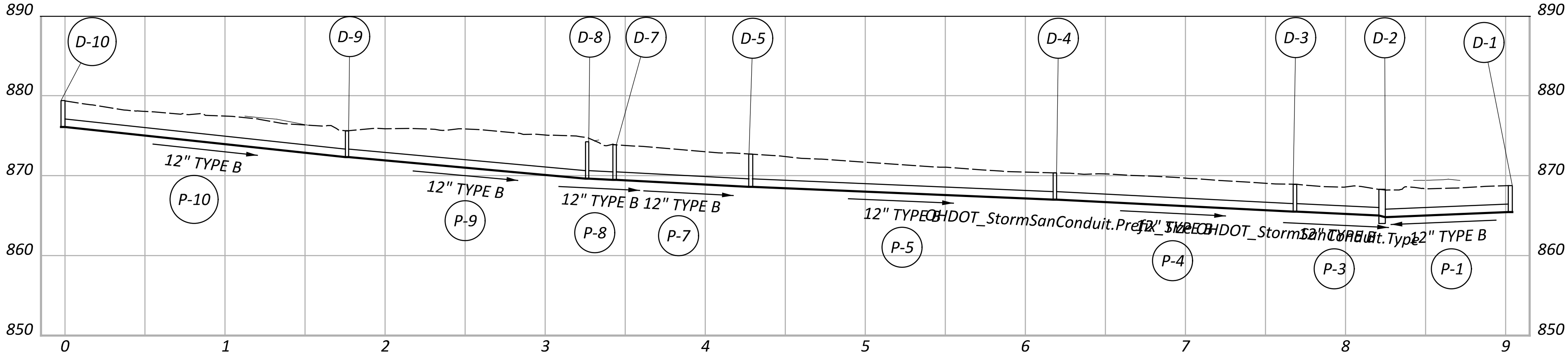
TOTAL

92



DRAINAGE STRUCTURES DETAILS									
REF NO.	BASELINE NAME	STATION	OFFSET	SIDE	TYPE	GRATE/RIM ELEV.	INVERT ELEV.	CONNECTED PIPES	DISPOSITION
D-1	EX. CARROLL ST	16+43.00	24.03 ft	LT	CB-3A	868.75 ft	865.45 ft	(OUT) P-1 12" N 865.45	
D-2	EX. CARROLL ST	17+22.69	26.47 ft	LT	MH-3	868.30 ft	864.01 ft	(IN) P-3 12" N 865.01, (IN) P-1 12" S 864.81, (IN) P-2A 24" E 864.01, (OUT) P-2 24" W 864.01	
D-2A	EX. CARROLL ST	17+21.01	19.26 ft	RT	EX. CB	868.50 ft	865.00 ft	(IN) UNKNOWN, (OUT) P-2A 12" W 865.00	(DND)
D-2B	EX. LINCOLN ST	32+39.29	17.98 ft	RT	EX. CB	866.72 ft	863.02 ft	(IN) P-2 12" W 863.02, (OUT) P-2B 24" W 863.02	(DND)
D-3	EX. CARROLL ST	17+75.00	11.86 ft	LT	CB-3A	868.90 ft	865.50 ft	(IN) P-4 12" N 865.50, (OUT) P-3 12" S 865.50	
D-4	EX. CARROLL ST	19+25.00	10.82 ft	LT	CB-3A	870.35 ft	867.00 ft	(IN) P-5 12" N 867.00, (OUT) P-4 12" S 867.00	
D-5	EX. CARROLL ST	21+15.00	10.67 ft	LT	CB-3A	872.70 ft	868.60 ft	(IN) P-7 12" N 868.60, (IN) P-6 12" W 868.60, (OUT) P-5 12" S 868.60	
D-6	EX. CARROLL ST	21+15.00	25.70 ft	LT	SIDE DITCH INLET	872.07 ft	869.07 ft	(OUT) P-6 12" E 869.07	
D-7	EX. CARROLL ST	22+00.00	11.09 ft	LT	CB-3A	873.86 ft	869.47 ft	(IN) P-8 12" W 869.47, (OUT) P-7 12" S 869.47	
D-8	EX. CARROLL ST	22+00.00	25.72 ft	LT	CB-2-2B	874.24 ft	869.63 ft	(IN) P-9 12" N 869.63, (OUT) P-8 12" E 869.63	
D-9	EX. CARROLL ST	23+50.00	24.77 ft	LT	CB-2-2B	875.63 ft	872.33 ft	(IN) P-10 12" N 872.33, (OUT) P-9 12" S 872.33	
D-10	EX. CARROLL ST	25+25.00	11.56 ft	LT	CB-3A	879.39 ft	876.09 ft	(OUT) P-10 12" S 876.09	
D-20	EX. CARROLL ST	28+00.00	12.92 ft	LT	CB-3A	882.41 ft	879.10 ft	(OUT) P-20 12" SW 879.10	
D-21	EX. CARROLL ST	27+32.22	29.03 ft	LT	EX. MH	882.59 ft	878.33 ft	(IN) P-20 12" NE 878.33, (OUT) UNKNOWN	(DND)

DRAINAGE PIPES DETAILS										
REF NO.	CFN	LENGTH	SIZE	TYPE	SLOPE	START STRUCT. REF NO.	START INVERT ELEV.	STOP STRUCT. REF NO.	STOP INVERT ELEV.	DISPOSITION
P-1		80 ft	12"	TYPE B	0.80 %	D-1	865.45 ft	D-2	864.81 ft	
P-2		5 ft	24"	TYPE B	2.16 %	D-2	864.01 ft	D-2B	863.90 ft	
P-2A		5 ft	24"	TYPE B	2.16 %	D-2A	864.11 ft	D-2	864.01 ft	
P-3		54 ft	12"	TYPE B	0.90 %	D-3	865.50 ft	D-2	865.01 ft	
P-4		150 ft	12"	TYPE B	1.00 %	D-4	867.00 ft	D-3	865.50 ft	
P-5		190 ft	12"	TYPE B	0.84 %	D-5	868.60 ft	D-4	867.00 ft	
P-6		15 ft	12"	TYPE B	3.13 %	D-6	869.07 ft	D-5	868.60 ft	
P-7		85 ft	12"	TYPE B	1.02 %	D-7	869.47 ft	D-5	868.60 ft	
P-8		15 ft	12"	TYPE B	1.07 %	D-8	869.63 ft	D-7	869.47 ft	
P-9		150 ft	12"	TYPE B	1.80 %	D-9	872.33 ft	D-8	869.63 ft	
P-10		177 ft	12"	TYPE B	2.12 %	D-10	876.09 ft	D-9	872.33 ft	
P-20		70 ft	12"	TYPE B	1.10 %	D-20	879.10 ft	D-21	878.33 ft	



STORM SEWER PROFILES
CARROLL ST

DESIGN AGENCY

TRANSYSTEMS
400 W. NATIONWIDE BLVD., STE 225
COLUMBUS, OHIO 43215

DESIGNER

TJA

REVIEWER

MSW 10/17/25

PROJECT ID

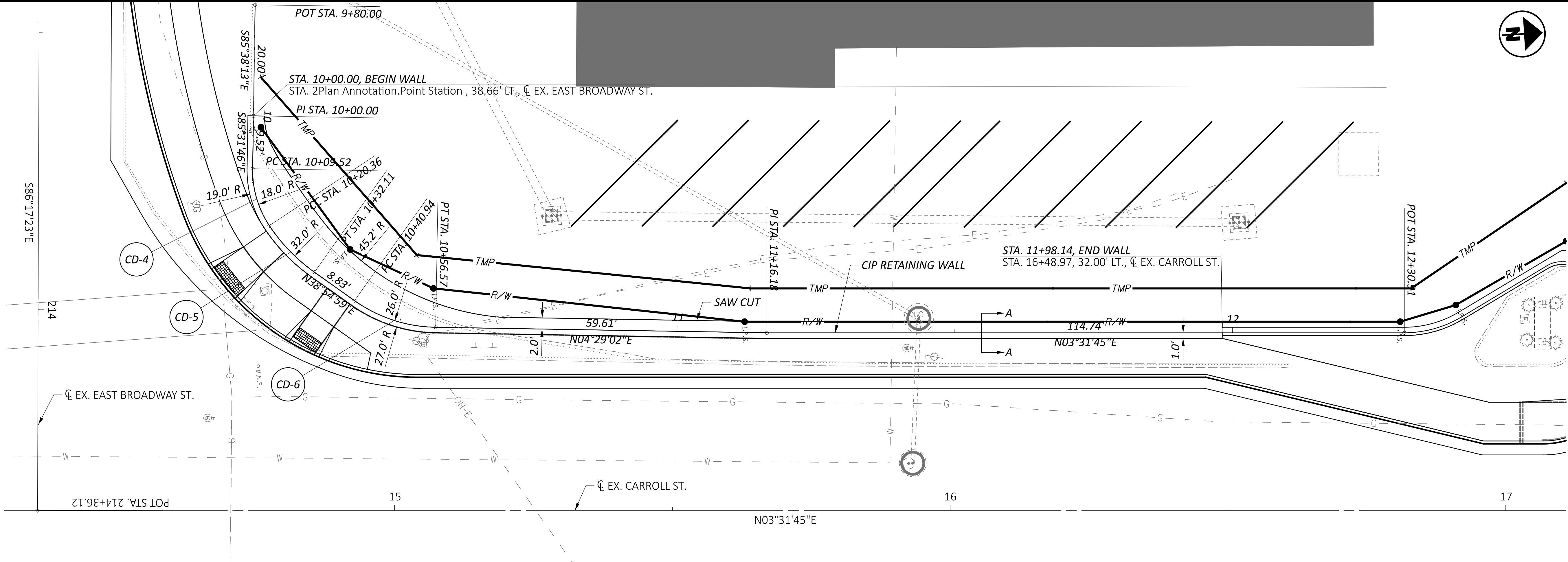
119739

SHEET

P.75

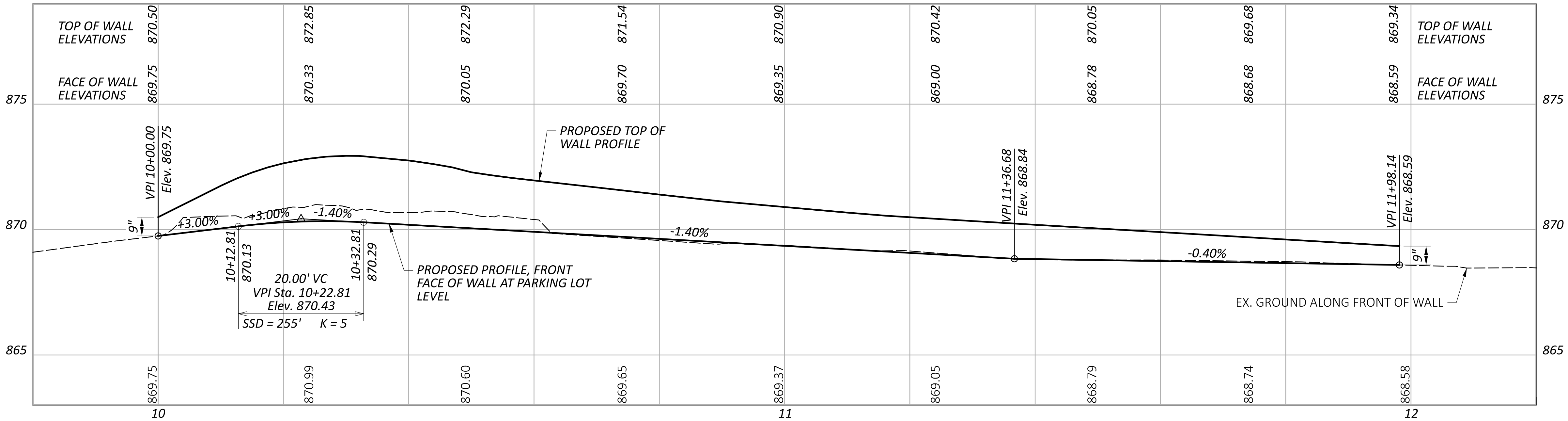
TOTAL

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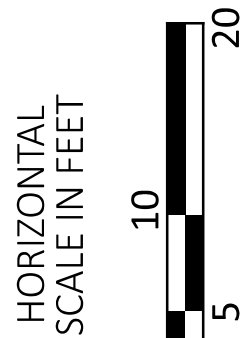


CURVE DATA CD-4 P.I. = STA. 10+15.11 $\Delta = 34^{\circ}30'59''$ LT $D_c = 318^{\circ}18'36''$ $R = 18.00'$ $T = 5.59'$ $L = 10.84'$ $E = 0.85'$	CURVE DATA CD-5 P.I. = STA. 10+26.30 $\Delta = 21^{\circ}02'16''$ LT $D_c = 179^{\circ}02'58''$ $R = 32.00'$ $T = 5.94'$ $L = 11.75'$ $E = 0.55'$	CURVE DATA CD-6 P.I. = STA. 10+49.00 $\Delta = 34^{\circ}25'57''$ LT $D_c = 220^{\circ}22'06''$ $R = 26.00'$ $T = 8.06'$ $L = 15.62'$ $E = 1.22'$
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FOR WALL TYPICAL SECTION (A-A) AND DETAILS, SEE SHEET P.77



CIP RETAINING WALL PLAN AND PROFILE
STA. 10+00 TO 11+98.34



DESIGN AGENCY
TRANSYSTEMS
400 W. NATIONWIDE BLVD., STE 225
COLUMBUS, OHIO 43215

DESIGNER
TJA

REVIEWER
MSW

PROJECT ID
119739

SHEET
P.76

TOTAL
92

MODEL: Retaining Wall Details PAPERSIZE: 34x22 (in.) DATE: 10/17/2025 TIME: 9:24:54 PM USER: mswahl
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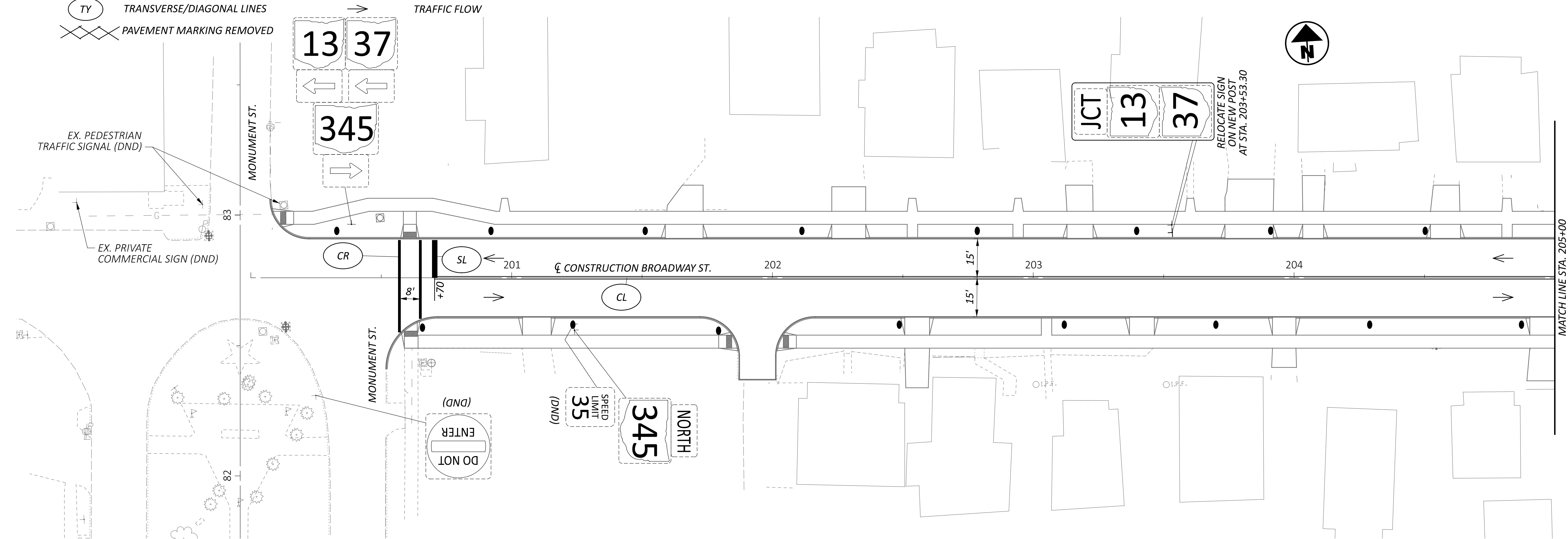
DESIGN AGENCY	
TRANSYSTEMS 400 W. NATIONWIDE BLVD., STE 225 COLUMBUS, OHIO 43215	
DESIGNER	
TJA	
REVIEWER	
MSW 10/17/25	
PROJECT ID	
119739	
SHEET	TOTAL
P.77	92

CIP RETAINING WALL DETAILS

TRAFFIC CONTROL LEGEND

ALL PAVEMENT MARKINGS SHALL BE ITEM 644 THERMOPLASTIC

CL	CENTER LINE, 4"		EXISTING SIGN TO BE REMOVED
CH	CHANNELIZING LINE, 8"		EXISTING SIGN
CR	CROSSWALK LINE, 24"		PROPOSED SIGN
SL	STOP LINE, 24"		EXISTING TO BE REMOVED AND RELOCATED
LA	LANE ARROW, 8'		
EL	EDGE LINE, WHITE, 4"		
TY	TRANSVERSE/DIAGONAL LINES		
	PAVEMENT MARKING REMOVED		



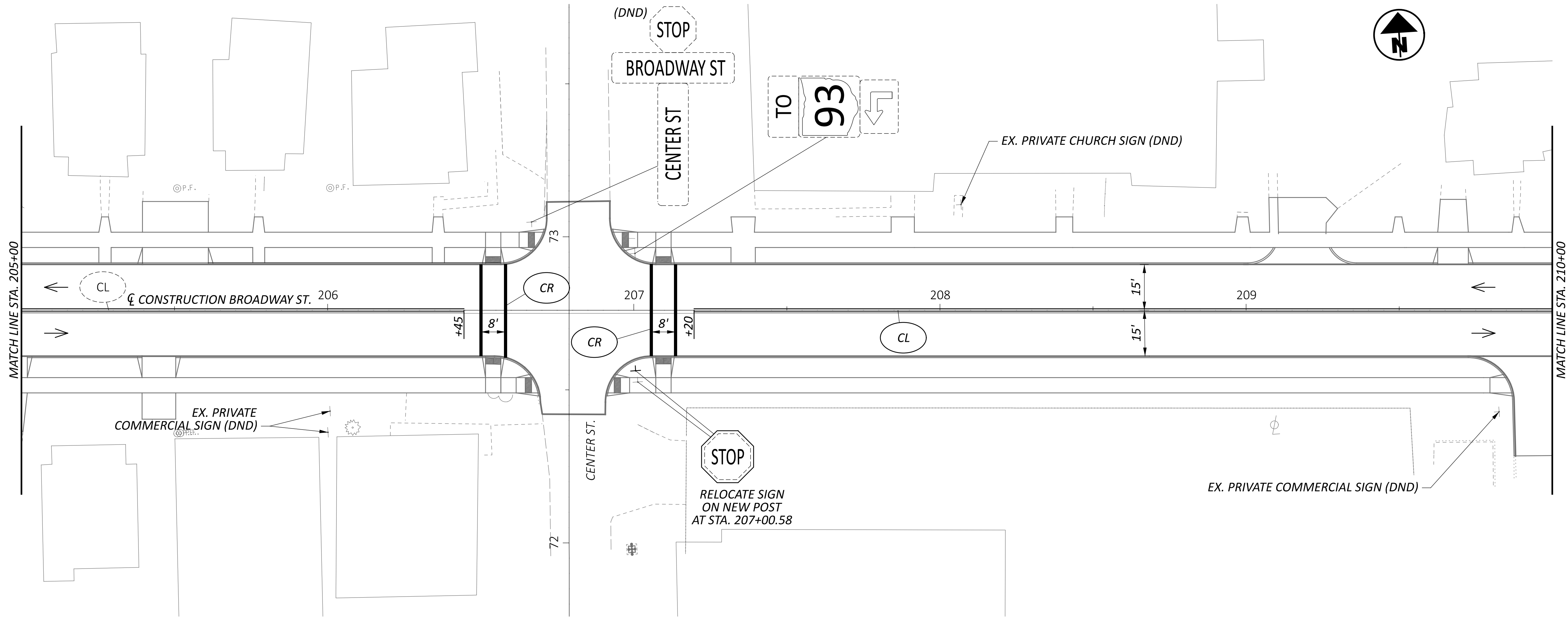
TRAFFIC CONTROL PLAN
STA. 200+00.00 TO STA. 205+00.00

DESIGN AGENCY



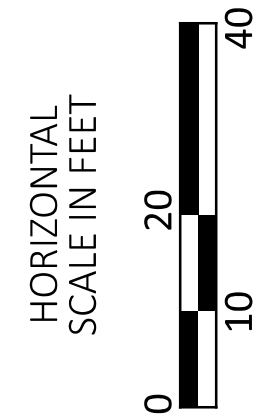
Stantec
10200 Alliance Road,
Suite 300
Cincinnati, OH 45242
(513) 842-8200

DESIGNER	CMG
REVIEWER	ZTM
PROJECT ID	119739
SHEET	P.78
TOTAL	92



FOR LEGEND SEE SHEET, P.78

TRAFFIC CONTROL PLAN
STA. 205+00.00 TO STA. 210+00.00



DESIGN AGENCY

Stantec
10200 Alliance Road,
Suite 300
Cincinnati, OH 45242
(513) 842-8200

DESIGNER

CMG

REVIEWER

ZTM 10/17/25

PROJECT ID

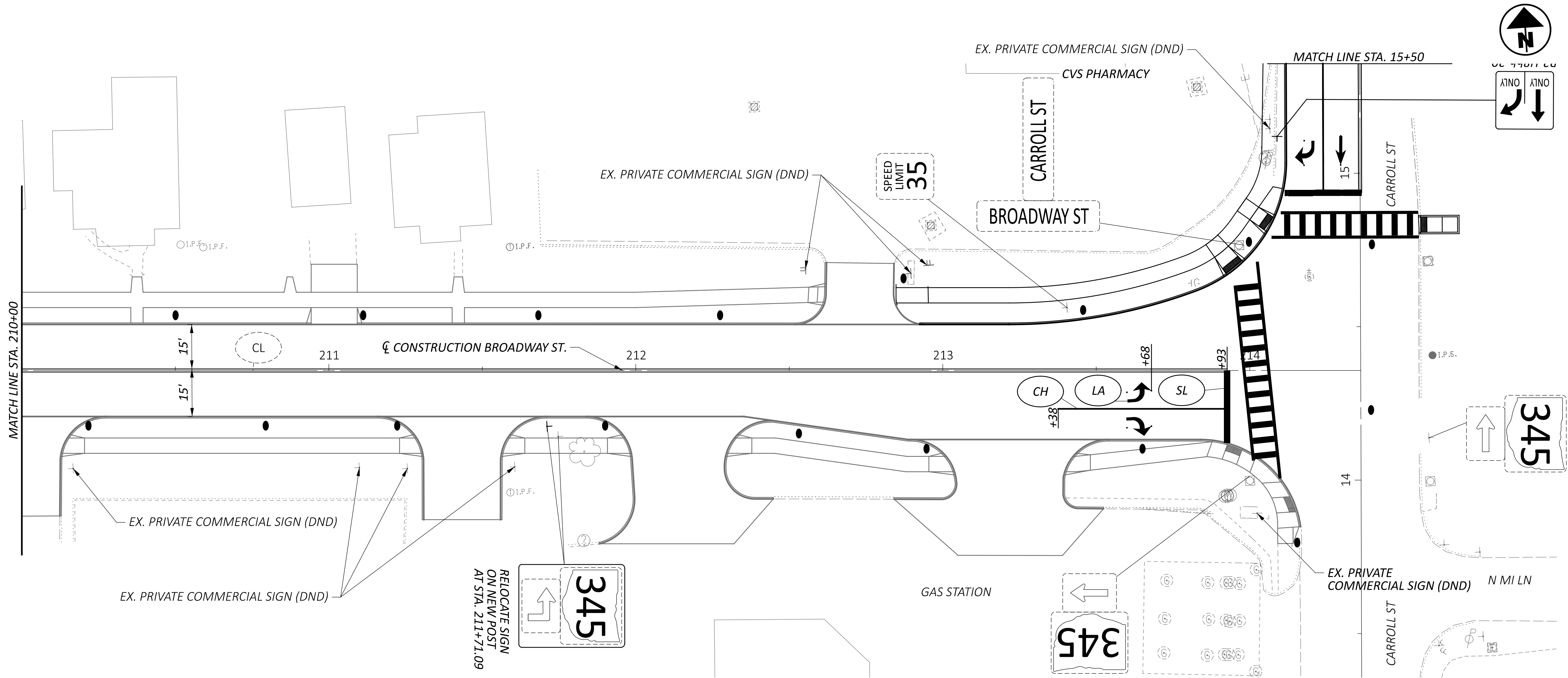
119739

SHEET

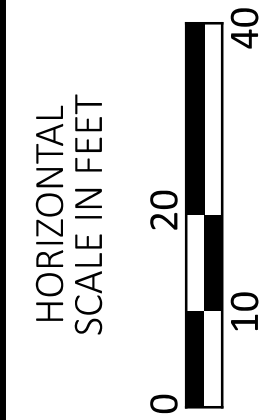
P.79

TOTAL

92



TRAFFIC CONTROL PLAN
STA. 210+00 TO STA. 214+36.16



DESIGN AGENCY



10200 Alliance Road,
Suite 300
Cincinnati, OH 45242
(513) 842-8200

DESIGNER

CMG

REVIEWER

ZTM 10/17/25

PROJECT ID

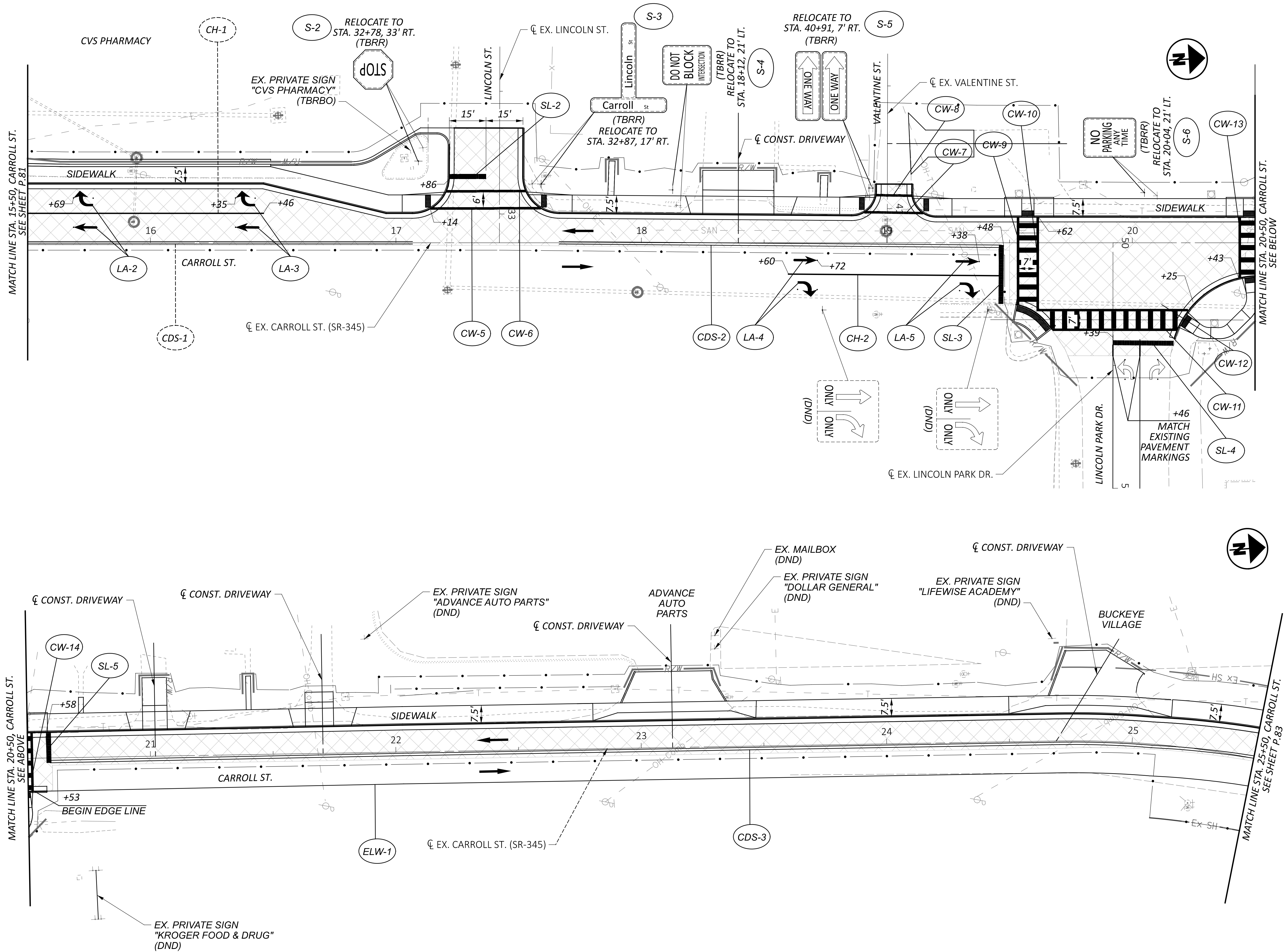
119739

SHEET TOTAL

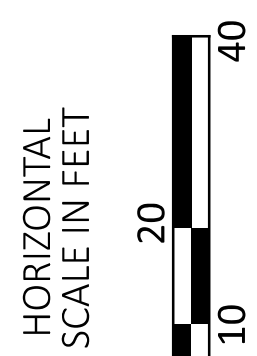
P.80 92

TRAFFIC CONTROL PLAN

SR-345 (EAST BROADWAY ST) - STA. 10+50.00 TO STA. 15+50.00



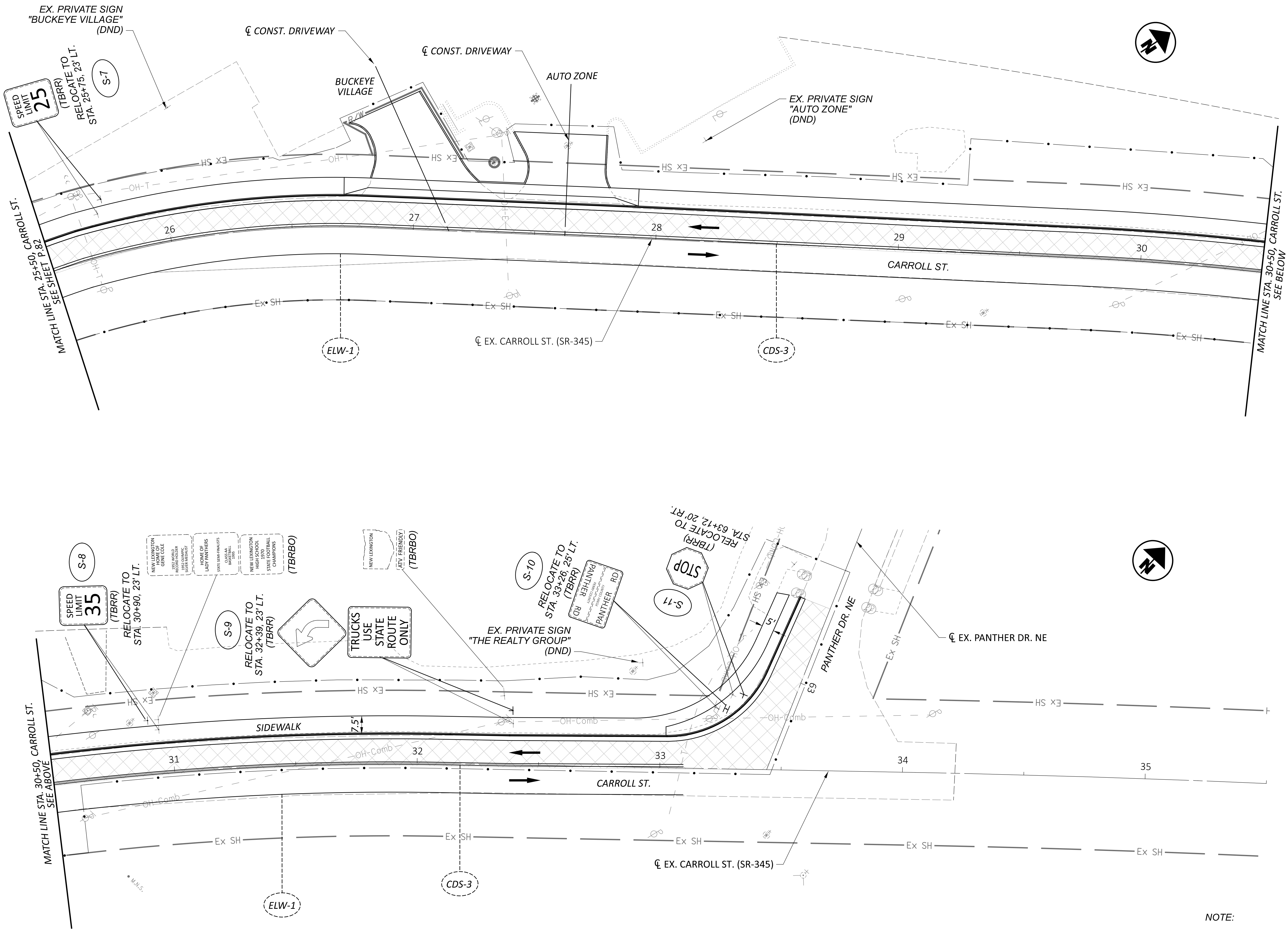
NOTE:
FOR LEGEND SEE SHEET P.81.



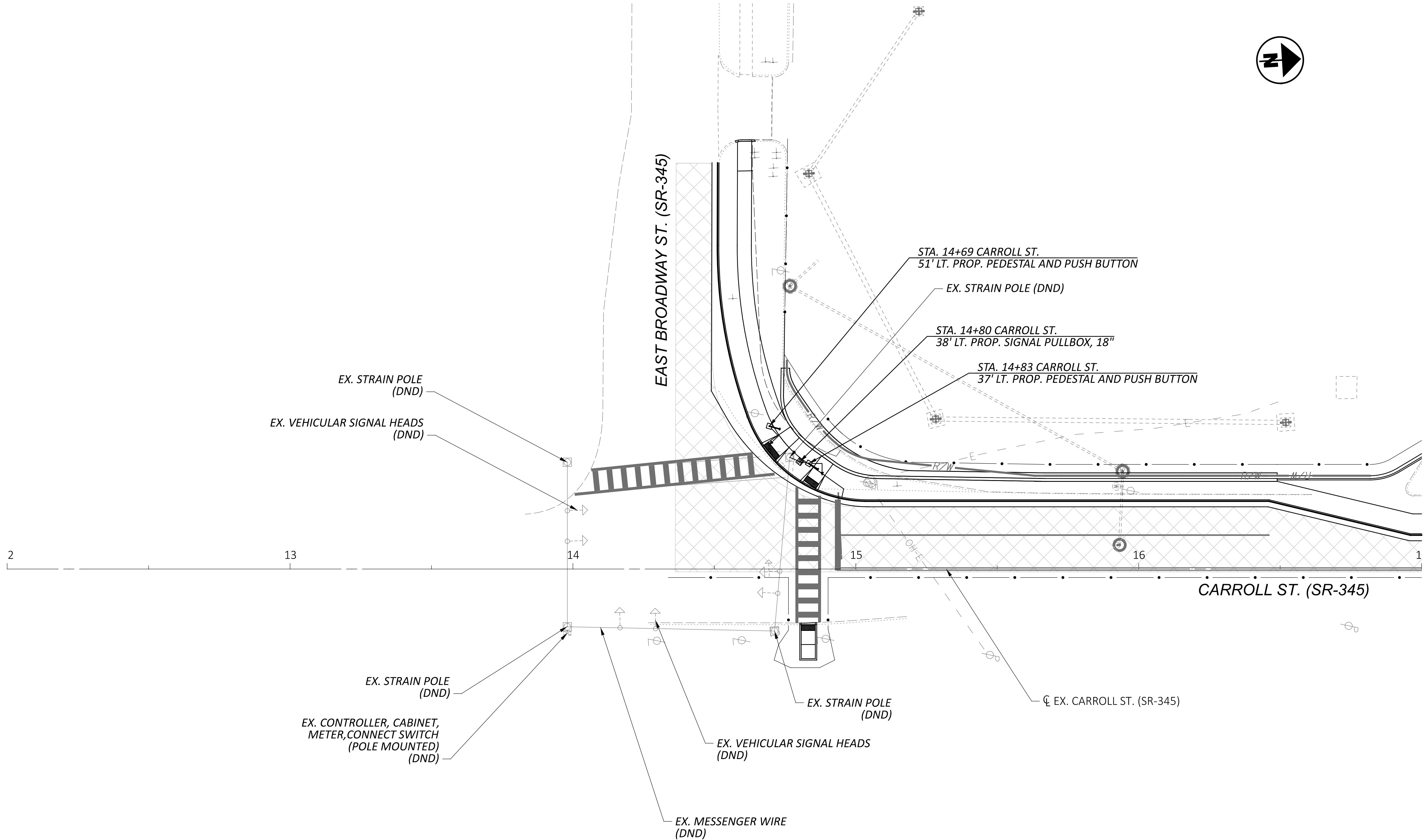
TRAFFIC CONTROL PLAN
SR-345 (CARROLL ST) - STA. 15+50.00 TO STA. 25+50.00

TRANSYSTEMS
400 W. NATIONWIDE BLVD., STE 226
COLUMBUS, OHIO 43215

DESIGN AGENCY	SSA
DESIGNER	SSA
REVIEWER	SS 05/08/25
PROJECT ID	119739
SHEET	P.82
TOTAL	92



NOTE:
FOR LEGEND SEE SHEET P.81.



TRAFFIC SIGNAL MODIFICATION PLAN
EAST BROADWAY ST (SR-345) AND CARROLL ST (SR-345)

TRANSYSTEMS
400 W. NATIONWIDE BLVD., STE 226
COLUMBUS, OHIO 43215

DESIGNER

SSA

REVIEWER

SS 11/08/24

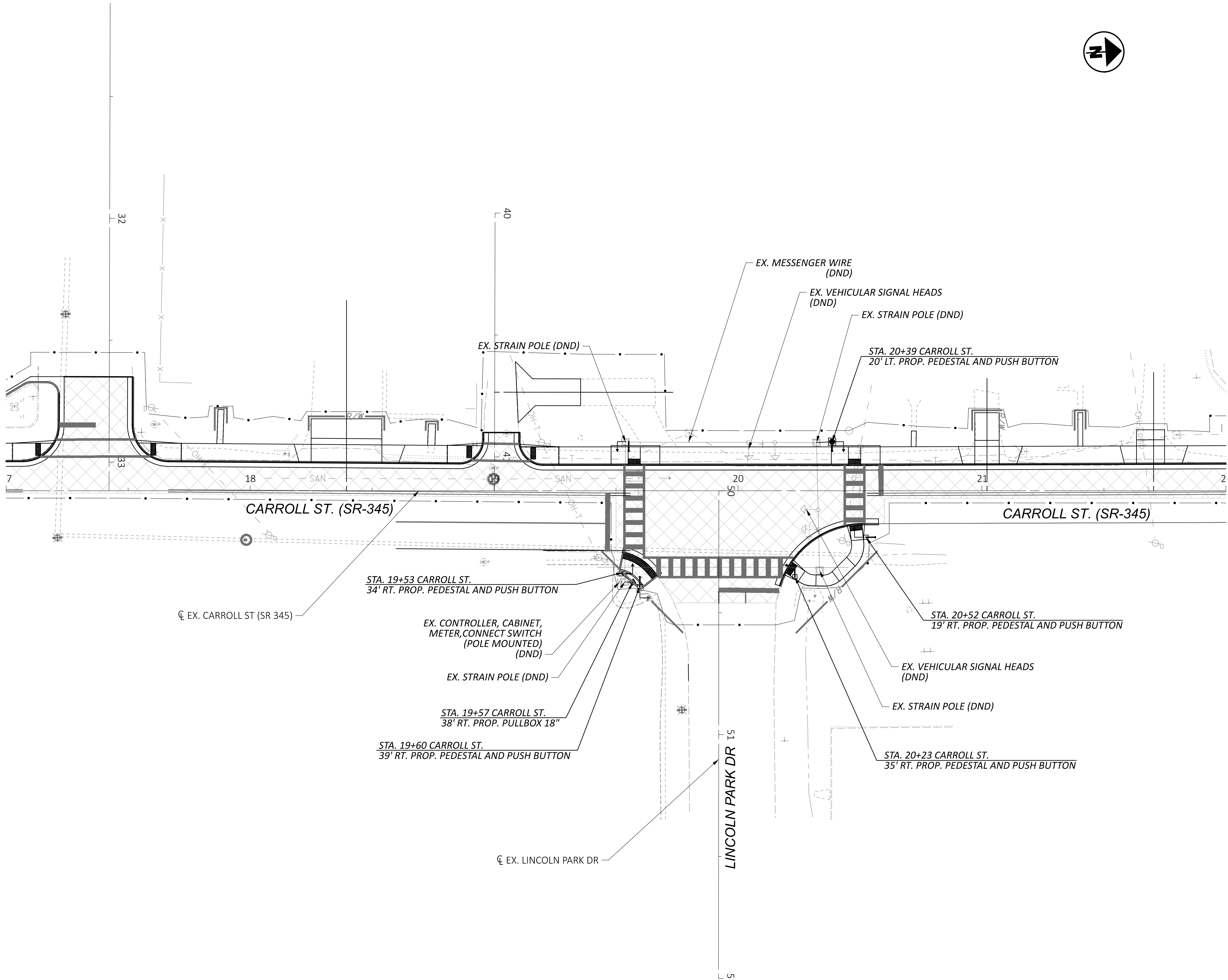
PROJECT ID

119739

SHEET TOTAL

P.84 92

HORIZONTAL
SCALE IN FEET
0 10 20 40



TRAFFIC SIGNAL MODIFICATION PLAN
CARROLL ST (SR-345) AND LINCOLN PARK DR

DESIGN AGENCY
TRANSYSYSTEMS
400 W. NATIONWIDE BLVD., STE 225
COLUMBUS, OHIO 43215

DESIGNER
SSA

REVIEWER
SS 11/08/24

PROJECT ID
119739

SHEET TOTAL
P.85 92

HORIZONTAL
SCALE IN FEET
0 10 20 40

LIGHTING

LIGHTING GENERAL NOTES ARE SUPPLEMENTAL TO ITEMS 625 AND 725 OF THE OHIO DEPARTMENT OF TRANSPORTATION (ODOT) CONSTRUCTION AND MATERIAL SPECIFICATIONS, (CMS) DATED JANUARY 12, 2024, WHICH SHALL GOVERN ALL WORK OF THIS PROJECT, EXCEPT AS HERE IN AFTER MODIFIED.

625, POWER SERVICE, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF THE SPECIFICATIONS, THE FOLLOWING IS ADDED.

THE POWER SUPPLYING AGENCY FOR THIS PROJECT IS:

POWER COMPANY: AMERICAN ELECTRIC POWER (AEP)

ADDRESS: 9135 STATE ROUTE 682, ATHENS, OH-45701

PHONE #: (800)-672-2231

CONTACT NAME: KEITH GREEN

THE ENGINEER SHALL ENSURE THAT EACH POWER SERVICE ELECTRICAL ENERGY ACCOUNT IS IN THE NAME OF AND THAT THE BILLING ADDRESS IS TO THE MAINTAINING AGENCY NOTED IN THE PLANS. THIS SHALL BE DONE NOT ONLY FOR EACH NEW POWER SERVICE ESTABLISHED BY THIS PROJECT BUT ALSO FOR EACH EXISTING POWER SERVICE, SINCE THERE MAY BE A REASSIGN-
MENT OF THE RESPONSIBILITY FOR AN EXISTING SERVICE AS A RESULT OF THE WORK PERFORMED BY THIS PROJECT.
THE FOLLOWING WORK SHOULD BE PERFORMED:
- PROVIDE A FUSED SERVICE DICONNECT SWITCH ON THE LINE SIDE OF EACH LIGHTING CONTROL CENTER (LCC).
- ALL POWER SERVICE LOCATIONS SHALL INCLUDE A METER BASE AND METER.
- POWER SUPPLY SHALL BE 120/240 VOLT
- THE PROPOSED PHOTOCCELL SHALL BE 2' ABOVE THE PROPOSED LCC.
- PROVIDE A CONCRETE WORK PAD AT EACH LCC.

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 AND INCIDENTALS REQUIRED TO COMPLETE THIS ITEM IN A SATISFACTORY AND WORKMANLIKE MANNER.

HIGH VOLTAGE TEST WAIVED

THE HIGH VOLTAGE TEST SHALL NOT BE PERFORMED ON THE CIRCUITS CONSTRUCTED BY THIS PROJECT, SINCE THE TEST COULD DAMAGE THE PORTION OF THE COMPLETED CIRCUIT WHICH HAS BEEN IN SERVICE PRIOR TO THIS PROJECT.

PADLOCKS AND KEYS

PADLOCKS FURNISHED SHALL BE EITHER BRASS OR BRONZE, EQUAL TO MASTER NO. 4BKA OR WILSON BOHANNAN 660A, AND SHALL BE KEYED IN ACCORDANCE WITH C&MS 631.06. PAYMENT SHALL BE INCLUDED IN THE BID FOR THE ITEM(S) BEING LOCKED.

OUPS NOTE

WHEN THE PROJECT BEGINS AND THE CONTRACTOR HAS TAKEN OVER THE MAINTENANCE OF THE EXISTING SYSTEM, THEY SHALL PROVIDE ALL REQUIRED LAYOUTS AND LOCATIONS OF THE EXISTING AND PROPOSED ELECTRICAL CIRCUITS WITHIN THE PROJECT LIMITS. THE CONTRACTOR SHALL LOCATE AND MARK THE UNDERGROUND ELECTRICAL CIRCUITS DURING THE DURATION OF THE PROJECT.

DISCONNECT CIRCUIT

THIS ITEM OF WORK SHALL CONSIST OF THE DISCONNECTION OF AN EXISTING LIGHT CIRCUIT AT A PULL BOX OR TRANSFORMER BASE. DISCONNECTION AT A PULL BOX SHALL INVOLVE CUTTING THE EXISTING CIRCUIT AND REMOVING ALL SPLICE KITS. ANY CABLE THAT IS TO BE ABANDONED SHALL BE TERMINATED FROM THE PULL BOX SO THAT NO CABLE IS LEFT IN THE BOX.

DISCONNECTION AT A LIGHT POLE SHALL INVOLVE CUTTING THE EXISTING CIRCUIT AND REMOVING ALL CONNECTOR KITS. ALL DUCT-CABLE NOT TO BE REUSED SHALL BE REMOVED FROM THE TRANSFORMER BASE AND THE EXISTING CONDUIT IN THE FOUNDATION SHALL BE CLEANED OF ALL CABLE AND DEBRIS SO THAT THE NEW DUCT-CABLE CAN BE INSTALLED. ALL EXISTING CABLE TO REMAIN ACTIVESHALL BE CUT IN A MANNER SO THAT THERE IS SUFFICIENT CABLE LEFT FOR RE-CONNECTION. THOSE WIRES THAT ARE TO REMAIN ON ACTIVE CIRCUITS SHALL HAVE A WATER-RESISTANT SEAL AT THE CUT END. THE WATER-RESISTANT SEAL SHALL BE ACCOMPLISHED BY PLUGGING THE DEACTIVATED PORT OF AN EXISTING CONNECTOR KIT OR BY INSTALLING A CABLE SPLICE KIT ON THE CUT END OF THE CABLE.

625, PULL BOX CLEANED

THIS ITEM OF WORK SHALL CONSIST OF CLEANING AN EXISTING PULL BOX BY REMOVING ANY EXISTING CABLES NOT BEING RECONNECTED, AND DEBRIS SO THAT NEW CABLES CAN BE INSTALLED. ANY UNUSED OPENINGS SHALL BE CLOSED. DISTURBED AREAS NEAR THE PULL BOX SHALL BE CLEARED OF WEEDS OR DEBRIS AND SHALL BE FULLY RESTORED. MATERIAL REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE PROPERLY DISPOSED OF OFF OF THE PROJECT SITE.

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

625, CONDUIT CLEANED AND CABLES REMOVED

THIS ITEM SHALL CONSIST OF CLEANING AN EXISTING CONDUIT BY REMOVING EXISTING CABLES, MUD AND DEBRIS SO THAT NEW CABLE CAN BE INSTALLED. INCIDENTAL TO THE CLEANING IS THE INSTALLATION OF BUSHINGS AND/OR COUPLINGS ON THE ENDS OF EXISTING CONDUIT AS REQUIRED. MATERIALS REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR FOR PROPER DISPOSAL OFF OF THE PROJECT SITE. DISTURBED AREAS SHALL BE PROPERLY RESTORED.

PAYMENT WILL BE MADE AT THE UNIT PRICE BID UNDER C&MS ITEM 625, "CONDUIT CLEANED AND CABLES REMOVED" PER FOOT OF CONDUIT CLEANED WHICH SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS AND INCIDENTALS REQUIRED TO COMPLETE THIS ITEM IN A SATISFACTORY AND WORKMANLIKE MANNER.

FLOODLIGHTING

FLOODLIGHTING OF THE WORK SITE FOR OPERATIONS CONDUCTED DURING NIGHTTIME PERIODS SHALL BE ACCOMPLISHED SO THAT THE LIGHTS DO NOT CAUSE GLARE TO THE DRIVERS ON THE ROADWAY. TO ENSURE THE ADEQUACY OF THE FLOODLIGHT PLACEMENT, THE CONTRACTOR AND THE ENGINEER SHALL DRIVE THROUGH THE WORK SITE EACH NIGHT WHEN THE LIGHTING IS IN PLACE AND OPERATIVE PRIOR TO COMMENCING ANY WORK. IF GLARE IS DETECTED, THE LIGHT PLACEMENT AND SHIELDING SHALL BE ADJUSTED TO THE SATISFACTION OF THE ENGINEER BEFORE WORK PROCEEDS.

PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC.

SPECIAL, MAINTAIN EXISTING LIGHTING

EXISTING ROADWAYS WHICH ARE TO REMAIN OPEN TO TRAFFIC DURING CONSTRUCTION OF THIS PROJECT AND WHICH ARE LIGHTED SHALL HAVE THE LIGHTING MAINTAINED AS DESCRIBED HEREIN.

BEFORE ANY WORK IS STARTED IN THE IMMEDIATE VICINITY OF THE EXISTING LIGHTING CIRCUITS, REPRESENTATIVES OF ODOT, THE MAINTAINING AGENCY AND THE CONTRACTOR SHALL MAKE A VISUAL INSPECTION OF THE EXISTING ROADWAY LIGHTING CIRCUITS TO BE MAINTAINED. DURING THIS INSPECTION, A WRITTEN RECORD OF THE CONDITION OF EXISTING LIGHTING SHALL BE MADE BY ODOT'S REPRESENTATIVE. THIS WRITTEN REPORT SHALL NOTE INDIVIDUAL LUMINAIRES WHICH ARE NOT IN WORKING ORDER, INDIVIDUAL POLES WHICH ARE NOT STANDING, AND INDIVIDUAL CIRCUITS WHICH ARE NOT IN WORKING ORDER. THE COMPLETED REPORT SHALL BE SIGNED BY THE REPRESENTATIVES OF ODOT, THE MAINTAINING AGENCY AND THE CONTRACTOR.

IF, AS A RESULT OF THIS INSPECTION, IT IS DETERMINED THAT THE CONDITION OF THE EXISTING SYSTEM IS BELOW THAT REQUIRED FOR THE SAFETY OF THE TRAVELING PUBLIC, THEN THE MAINTAINING AGENCY SHALL MAKE THE REPAIRS NECESSARY TO RETURN THE SYSTEM TO AN ACCEPTABLE CONDITION. FOLLOWING THESE REPAIRS, THE SYSTEM SHALL AGAIN BE INSPECTED AND A REPORT SHALL BE MADE AND SIGNED AS OUTLINED HEREIN.

WHEN THE EXISTING SYSTEM IS IN AN ACCEPTABLE CONDITION, IT SHALL BE TURNED OVER TO THE CONTRACTOR WHO SHALL THEN BE REQUIRED TO MAINTAIN THE EXISTING LIGHTING TO THE CONDITION OUTLINED IN THIS REPORT WITH THE EXCEPTION OF KNOCKDOWNS DUE TO TRAFFIC ACCIDENTS.

REPLACEMENT OF KNOCKED DOWNED UNITS SHALL BE DONE ONLY WHEN THE ENGINEER HAS DETERMINED THAT THE REPLACEMENT OF THE KNOCKED DOWN UNIT IS NECESSARY AND SHALL BE PAID SEPARATELY ON A UNIT BASIS.

BETTERMENTS SHALL BE COVERED IN ITEMS OF WORK PERTAINING TO THE CONSTRUCTION OF PERMANENT IMPROVEMENT.

WHEN THE SEQUENCE OF CONSTRUCTION ACTIVITIES REQUIRES, OR SHOULD THE CONTRACTOR DESIRE, THE REMOVAL OF THE EXISTING LIGHTING BEFORE THE NEW LIGHTING IS OPERATIONAL, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY LIGHTING OF THIS PORTION OF THE ROADWAY.

SPECIAL, MAINTAIN EXISTING LIGHTING

PRIOR TO INSTALLING SUCH LIGHTING, THE CONTRACTOR SHALL PREPARE AND SUBMIT FOUR SETS OF THE TEMPORARY LIGHTING PLAN TO THE ENGINEER FOR REVIEW AND APPROVAL.

THIS PLAN SHALL SHOW LOCATIONS OF POLES, LENGTHS OF BRACKET ARMS, STYLES OF LUMINAIRES, MOUNTING HEIGHTS, WIRING METHODS AND OTHER PERTINENT INFORMATION. THE TEMPORARY LIGHTING SHALL PROVIDE AN AVERAGE INITIAL INTENSITY OF 1.2 FOOTCANDLES WITH AN AVERAGE TO MINIMUM UNIFORMITY NOT TO EXCEED 3:1. MOUNTING HEIGHT OF TEMPORARY LUMINAIRES SHALL NOT BE LESS THAN 30 FEET, AND THE MINIMUM OVERHEAD CONDUCTOR CLEARANCE SHALL BE 20 FEET. TEMPORARY OVERHEAD CONSTRUCTION SHALL NOT BE LESS THAN GRADE "B" FOR STRENGTH REQUIREMENTS AS DEFINED BY THE NATIONAL ELECTRIC SAFETY CODE. WOOD POLES WITH OVERHEAD WIRING MAY BE USED. HOWEVER, TEMPORARY LIGHTING SHALL MEET FEDERAL AND STATE SAFETY CRITERIA. IF BREAKAWAY POLES ARE USED TO MEET THESE CRITERIA, THEN UNDERGROUND WIRING SHALL BE USED. RECONDITIONED OR USED MATERIALS MAY BE FURNISHED FOR TEMPORARY LIGHTING.

ALL MATERIALS NECESSARY TO COMPLETE THE TEMPORARY LIGHTING SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR. WHEN NO LONGER NEEDED, THE TEMPORARY LIGHTING INSTALLATION SHALL BE REMOVED AND PROPERLY DISPOSED OF BY THE CONTRACTOR.

WHEN THE PROJECT BEGINS AND THE CONTRACTOR HAS TAKEN OVER MAINTENANCE OF THE EXISTING FACILITIES, THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED LAYOUTS AND LOCATIONS OF THE EXISTING AND PROPOSED ELECTRICAL CIRCUITS AND RELATED ITEMS WITHIN THE PROJECT LIMITS. THE CONTRACTOR SHALL LOCATE AND MARK ALL UNDERGROUND ELECTRICAL CIRCUITS (INCLUDING TRAFFIC LOOPS AND LOOP LEAD-INS) FOR THE DURATION OF THE PROJECT.

THE MAINTAINING AGENCY WILL PAY FOR ELECTRICAL ENERGY CONSUMED BY EXISTING POWER SERVICES AND BY PROPOSED PERMANENT POWER SERVICES AFTER ACCEPTANCE OF THE LIGHTING WORK. THE CONTRACTOR WILL PAY FOR ELECTRICAL ENERGY, INSTALLATION, REMOVAL AND MAINTENANCE OF ANY TEMPORARY POWER SERVICES.

THE LUMP SUM PRICE BID FOR ITEM SPECIAL "MAINTAIN EXISTING LIGHTING" SHALL INCLUDE PAYMENT FOR ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO MAINTAIN THE EXISTING LIGHTING AS SPECIFIED HEREIN.

THE UNIT PRICE BID FOR ITEM SPECIAL "REPLACEMENT OF EXISTING LIGHTING UNIT" SHALL BE FULL PAYMENT FOR THE REPLACEMENT OF AN EXISTING LIGHTING UNIT WHICH HAS BEEN KNOCKED DOWN AFTER THE AFOREMENTIONED INSPECTION AND SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO PROVIDE A REPLACEMENT FOR SUCH UNIT.

625, DECORATIVE POST-TOP LUMINAIRE, SOLID-STATE (LED),
ACORN STYLE, REFRACTIVE GLASS, 3000K, BLACK FINISH

THIS ITEM CONSISTS OF SUPPLYING AND INSTALLING A
DECORATIVE POST-TOP LED LUMINAIRE FOR ROADWAY AND/OR
SIDEWALK ILLUMINATION ON POSTS OF 16 FEET NOMINAL HEIGHT.

HL-10.11 SHOWS AN ACORN-STYLE POST-TOP LUMINAIRE
SCHEMATICALLY. THIS ITEM CONSISTS OF A BASE FITTER,
GLASS (NOT ACRYLIC) GLOBE AND A ROUNDED TOP WITH NO
DECORATIVE FEATURES SUCH AS FINIAL, CROWN, BAND OR
RIBS. PROVIDE A LUMINAIRE WITH A B-U-G UP-LIGHTING
RATING OF U4 OR LESS.

PROVIDE A LUMINAIRE COMPATIBLE WITH THE LIGHTING
BRANCH CIRCUIT SHOWN IN THE PLANS. ASSURE THE
LUMINAIRE POST-FITTER HAS A HINGED OR CAPTIVE DOOR.
ASSURE THE LUMINAIRE CAN MOUNT A PHOTOCELL OR
WIRELESS CONTROL THAT USES A NEMA STANDARD
PHOTOCELL RECEPTACLE.

PROVIDE A LUMINAIRE WITH 3G VIBRATION RATING.
PROTECT EACH LUMINAIRE USING A SURGE PROTECTIVE
DEVICE (SPD) CONFORMING TO ODOT SUPPLEMENTAL SPEC 913.

ASSURE THE LUMINAIRE HAS A NOMINAL COLOR TEMPERATURE
(CCT) OF 3000K.

PROVIDE A LUMINAIRE WITH FACTORY-APPLIED BLACK FINISH
MEETING SUPPLEMENTAL SPECIFICATION 916.

PROVIDE A LUMINAIRE LISTED ON THE ODOT SUPPLEMENTAL
SPECIFICATION 813 APPROVED LIST.

UNDERDRAINS FOR PULL BOXES

REFERENCE TRAFFIC SCD HL-30.11 FOR DETAILS ABOUT DRAINING
PULL BOXES. UNDERDRAINS FOR PULL BOXES SHALL BE USED AS
DIRECTED BY THE ENGINEER AND SHALL BE PROVIDED WHERE
THE LENGTH REQUIRED FOR A SATISFACTORY OUTLET DOES NOT
EXCEED 20 FEET. THE FOLLOWING ESTIMATED QUANTITY IS
CARRIED TO THE GENERAL SUMMARY FOR THIS PURPOSE:

ITEM 611 4" CONDUIT, TYPE E, AS PER PLAN ____ FT.

ITEM 611, PRECAST REINFORCED CONCRETE OUTLET __ EACH

LIGHTING GENERAL NOTES

DESIGN AGENCY

TRANSYSTEMS

400 W. NATIONWIDE BLVD., STE 226
COLUMBUS, OHIO 43215

DESIGNER

SSA

REVIEWER

SS 09/23/25

PROJECT ID

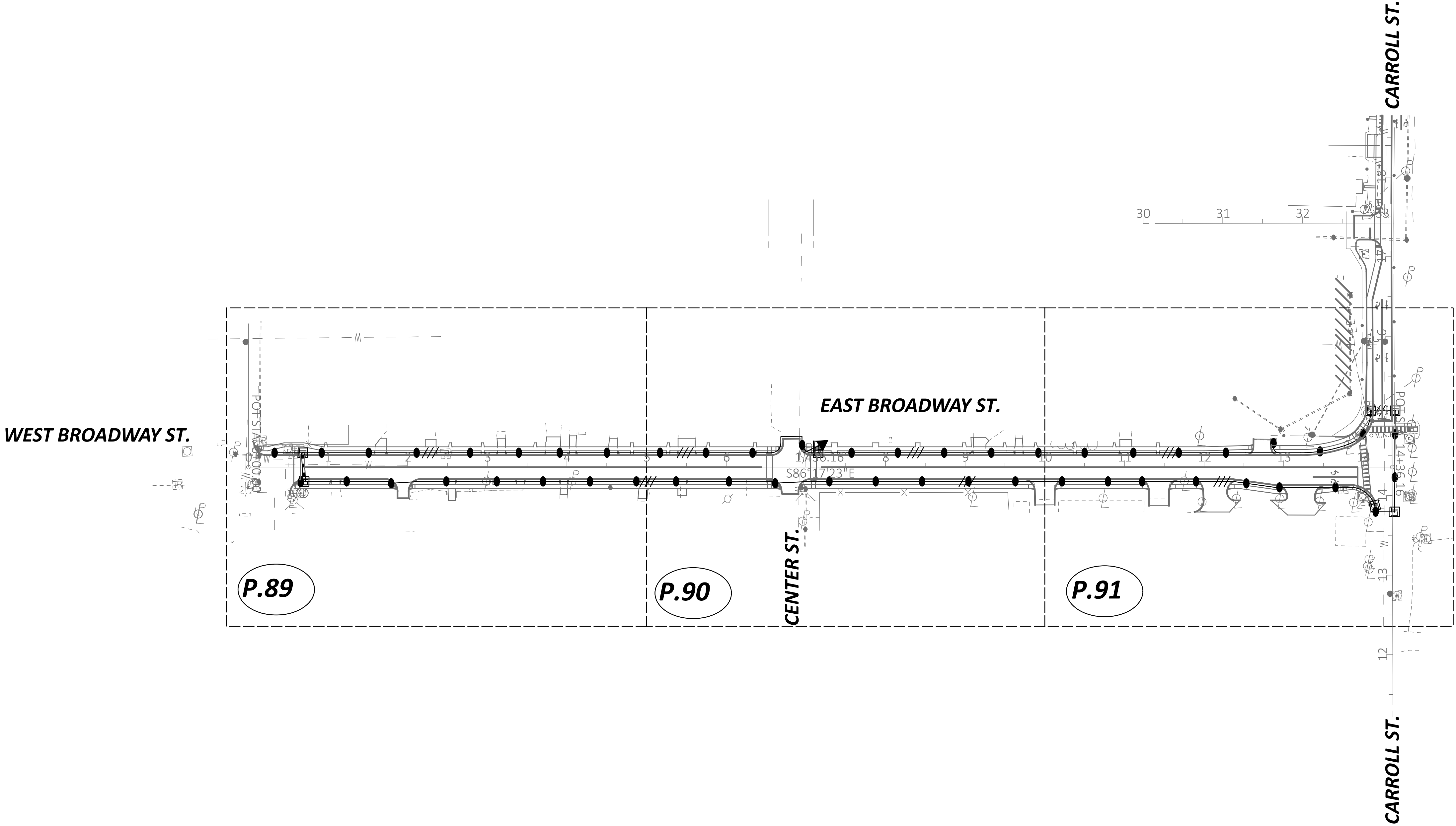
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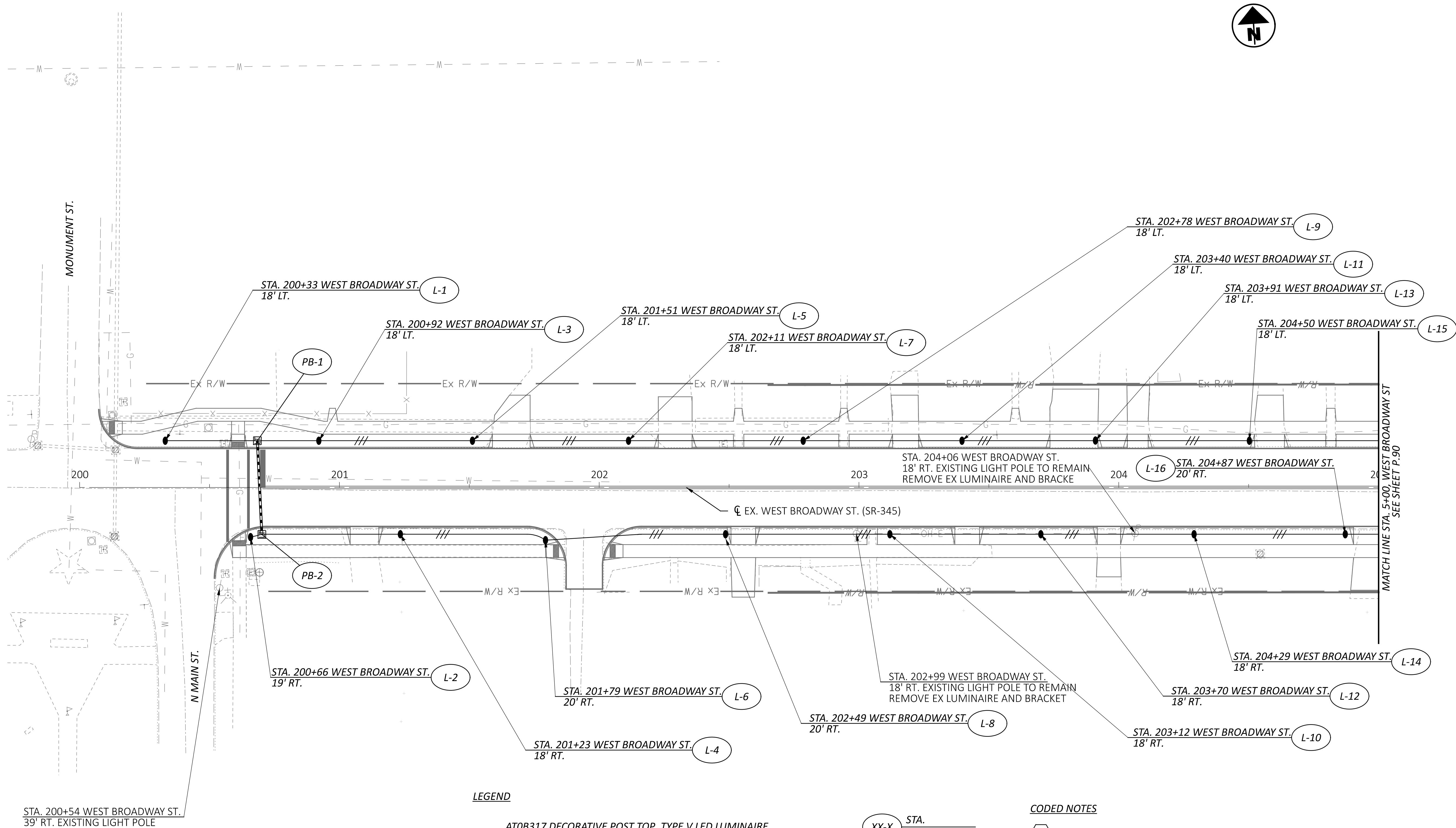
SHEET

P.87

TOTAL

92





NOTE:
OFFSETS TO LIGHT POLE ARE
MEASURED FROM PROPOSED
CENTERLINE UNLESS OTHERWISE
INDICATED

LEGEND

- AT0B317 DECORATIVE POST TOP, TYPE V LED LUMINAIRE
(LIGHT POLE DESIGN NUMBER PER SCD HL-10.11)
- ▢ PULL BOX, 725.08, 18", AS PER PLAN, UNLESS OTHERWISE NOTED
- (PB) PULL BOX IDENTIFICATION
- (L) LIGHT POLE IDENTIFICATION
- CONDUIT, JACKED OR DRILLED (3", 725.04)
- CIRCUIT (3 WIRE, 2 CONDUCTOR, 120/240V, SINGLE PHASE) W/ GROUNDING CONDUCTOR
- ▲ POWER SERVICE & CONTROL CENTER
- ⦿ POWER POLE
- TBRR TO BE REMOVED AND RELOCATED
- TBR TO BE REMOVED

XX-X STA.
OFFSET

CODED NOTES

- 1 ITEM 625, CONDUIT, 725.04, 3"
- 2A ITEM 625, PULL BOX, 725.08, 18"
- 2B ITEM 625, PULL BOX, 725.08, 24"
- 3 ITEM 625, POWER SERVICE, AS PER PLAN, 120/240V
- 4 3" CONDUIT, 725.04, JACKED OR DRILLED
- 5 CONTROL CENTER, COORDINATE WITH UTILITY COMPANY
- 6 ITEM 625, LUMINAIRE, DECORATIVE
- 7 ITEM 625, LIGHT POLE, AESTHETIC (AT0B17)
- 8 ITEM 625, LIGHT POLE FOUNDATION, 24" X 6' DEEP
- 9 ITEM 625, NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE

LIGHTING PLAN

SR-345 (WEST BROADWAY ST) - BEGIN TO STA. 5+00.00

HORIZONTAL
SCALE IN FEET

0 10 20 40

DESIGN AGENCY

TRANSYS
400 W. MANTONWIDE BLVD., STE 225
COLUMBUS, OHIO 43215

DESIGNER

SSA

REVIEWER

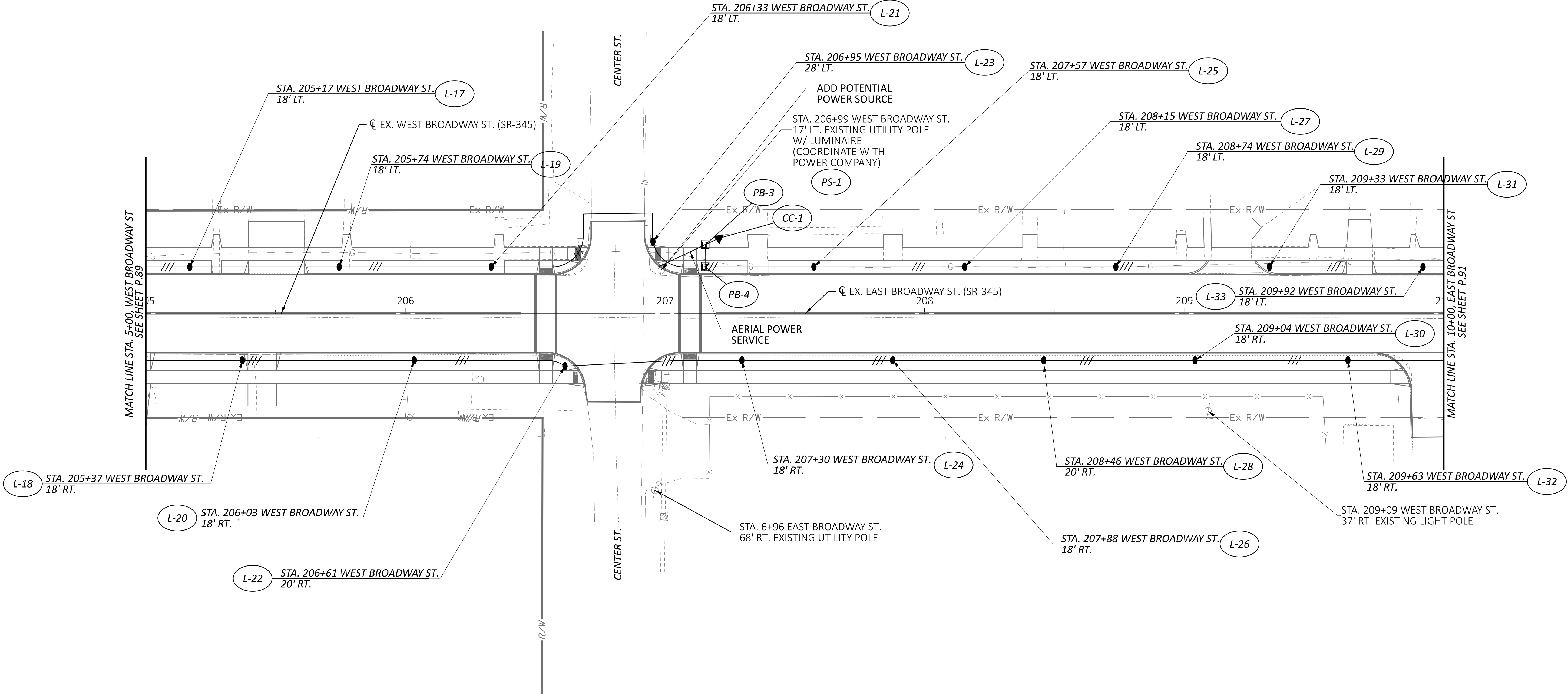
SS 09/23/25

PROJECT ID

119739

SHEET TOTAL

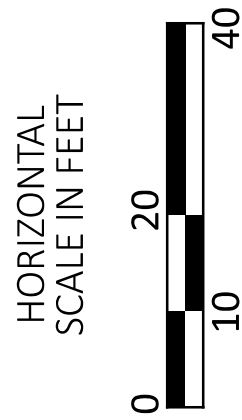
P.89 92



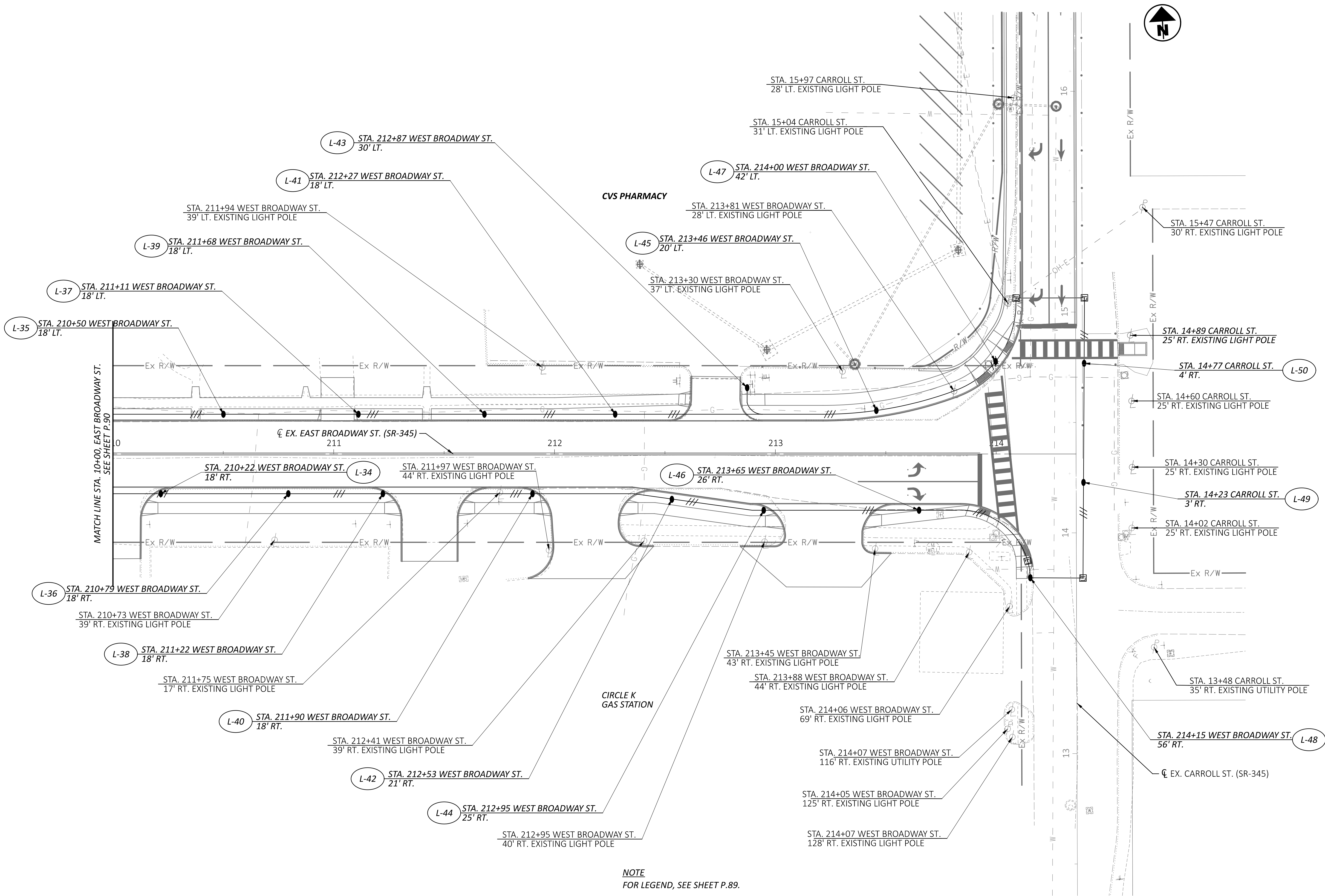
NOTE
FOR LEGEND, SEE SHEET P.89.



LIGHTING PLAN
SR-345 (WEST & EAST BROADWAY ST) - STA. 5+00.00 TO STA. 10+00.00



DESIGN AGENCY	
TRANSYSTEMS 400 W. NATIONWIDE BLVD., STE 226 COLUMBUS, OHIO 43215	
DESIGNER	
SSA	
REVIEWER	
SS 09/23/25	
PROJECT ID	
119739	
SHEET	TOTAL
P.90	92



NOTE
FOR LEGEND, SEE SHEET P.89.

LIGHTING PLAN
SR-345 (EAST BROADWAY ST) - STA. 10+00.00 TO STA. 14+50.00

TRANSYSTEMS
400 W. NATIONWIDE BLVD., STE 225
COLUMBUS, OHIO 43215

DESIGNER	SSA
REVIEWER	SS 09/23/25
PROJECT ID	119739
SHEET	TOTAL
P.91	92



WEST BROADWAY ST.

