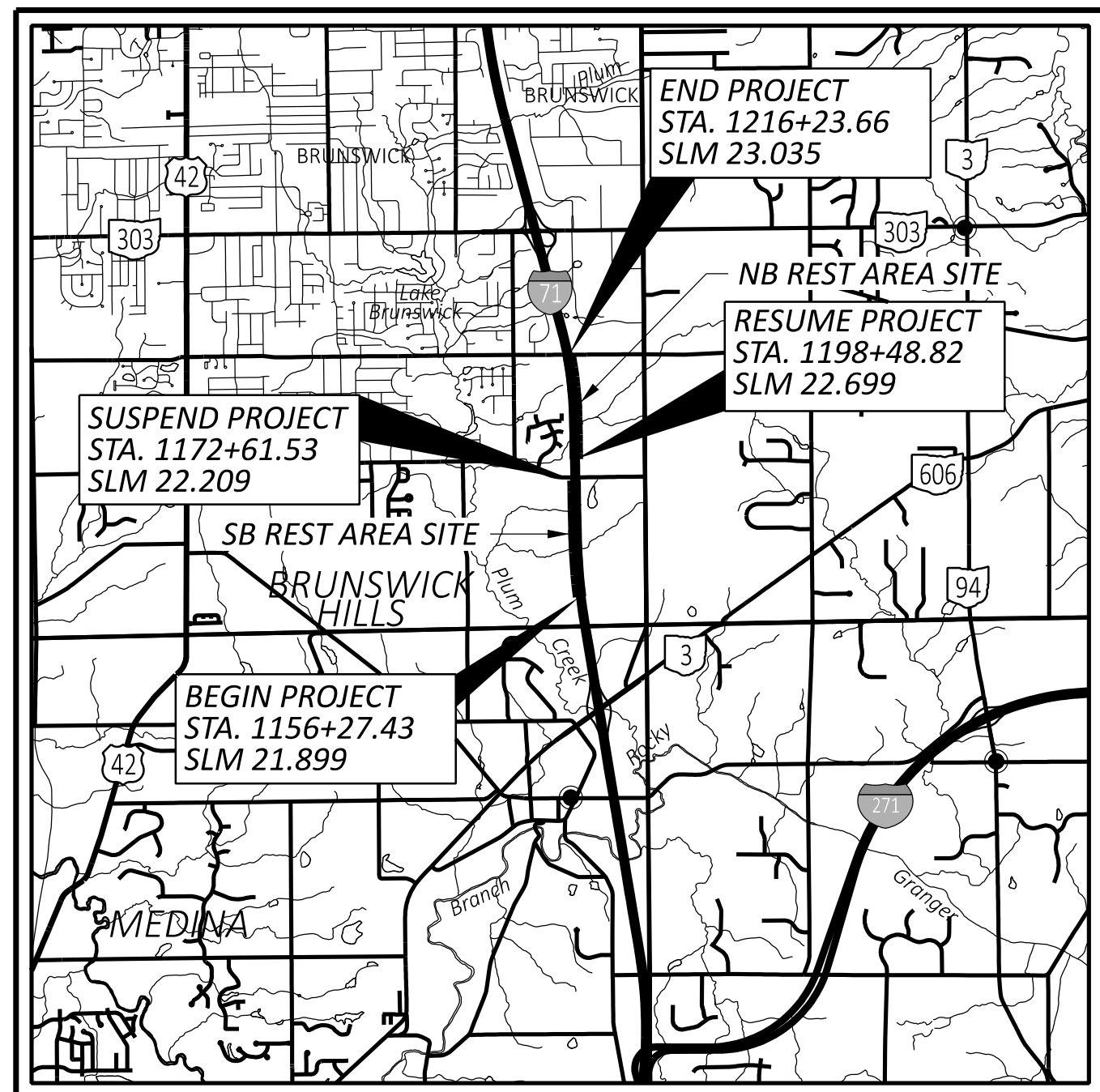
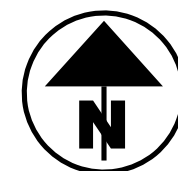


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LOCATION MAP

LATITUDE: N41°13'21" LONGITUDE: W81°47'34"



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

DESIGN DESIGNATION

CURRENT ADT (2025)	51,000
DESIGN YEAR ADT (2045)	52,500
DESIGN HOURLY VOLUME (2045)	6,500
DIRECTIONAL DISTRIBUTION	50%
TRUCKS (24 HOUR B&C)	6%
DESIGN SPEED	70
LEGAL SPEED	65
DESIGN FUNCTIONAL CLASSIFICATION:	
[01] PRINCIPAL ARTERIAL INTERSTATE (URBAN)	
NHS PROJECT	YES

DESIGN EXCEPTIONS

NONE REQUIRED

ADA DESIGN WAIVERS

NONE REQUIRED

UNDERGROUND UTILITIES
Contact Two Working Days
Before You Dig

OHIO811.org
Before You Dig

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

PLAN PREPARED BY:

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

STATE OF OHIO DEPARTMENT OF TRANSPORTATION

MED-IR 71 REST AREAS TP

BRUNSWICK HILLS TOWNSHIP MEDINA COUNTY

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NORTHBOUND REST AREA	P.08 - P.12
GENERAL NOTES	P.13 - P.15, P.15A
GENERAL SUMMARY	P.16 - P.18
ESTIMATED QUANTITIES	P.19 - P.30
PROJECT SITE PLANS	P.31 - P.32
PLAN AND PROFILES	
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NORTHBOUND REST AREA	P.40 - P.45
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STANDARD CONSTRUCTION DRAWINGS								SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
BP-1.1	7/28/00	MGS-2.1	7/18/25	HL-20.21	7/18/25	TC-42.20	10/18/13	800-2023	7/18/25
BP-2.1	1/21/22	MGS-4.2	7/18/25	HL-30.11	7/21/23	TC-51.11	7/18/25	825	7/19/24
BP-2.2	1/15/21			HL-30.22	1/17/25	TC-51.12	7/18/25	832	7/18/25
BP-3.1	1/19/24	MH-3	7/19/24	HL-60.11	7/21/17	TC-52.10	10/18/13	836	1/19/24
BP-5.1	7/18/25			HL-60.21	7/20/18	TC-52.20	1/15/21	902	7/19/19
BP-7.1	7/18/25	RM-5.1	7/18/14	HL-60.31	7/19/24	TC-71.10	7/18/25		
		RM-7.1	7/18/14			TC-72.20	7/18/25		
CB-3	7/19/24			MT-98.29	1/17/20				
CB-3A	7/19/24	HW-2.1	7/15/22	MT-105.10	1/17/20				
		HW-2.2	7/20/18						
DM-1.1	1/17/25			TC-21.21	7/18/25				
DM-1.2	1/17/25	HL-10.11	7/21/23	TC-22.20	7/18/25				
DM-4.1	7/17/20	HL-10.12	7/21/23	TC-41.10	7/19/13				
DM-4.3	1/15/16	HL-10.13	1/20/23	TC-41.20	10/18/13				
DM-4.4	1/15/16	HL-10.31	7/18/25	TC-41.30	4/21/23				
		HL-20.11	7/18/25	TC-42.10	10/18/13				

FEDERAL PROJECT NUMBER

NON-FEDERAL

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

IMPROVEMENT OF THE IR-71 SOUTHBOUND AND NORTHBOUND REST AREAS INCLUDING CONFIGURATION OF NEW TRUCK PARKING AREAS WITH FULL DEPTH PAVEMENT. THE PROJECT WILL INCLUDE DRAINAGE IMPROVEMENTS, NEW LIGHTING, AND DEMOLITION OF EXISTING REST AREA FACILITIES.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA:	13.35 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	2.00 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	15.35 ACRES

LIMITED ACCESS

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

2023 SPECIFICATIONS

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

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

Robert Weaver
District 03 Deputy Director

Pamela Boratyn
Director, Department of Transportation

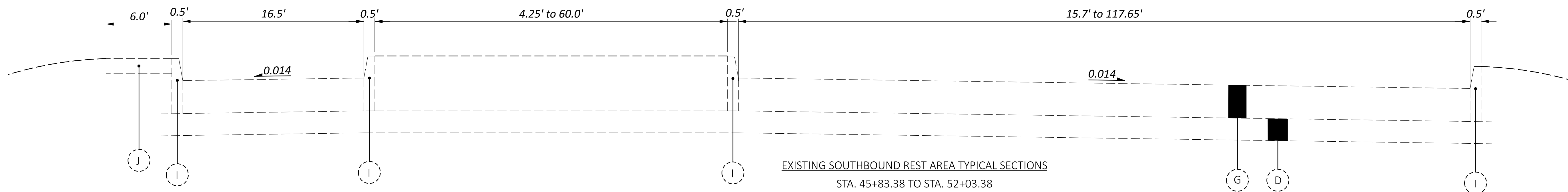
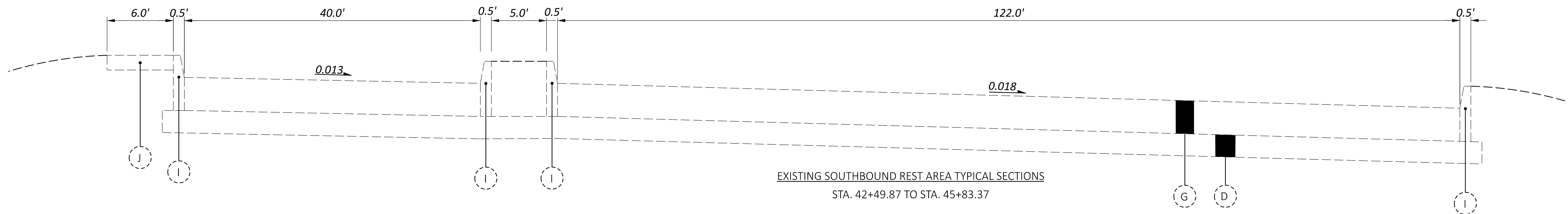
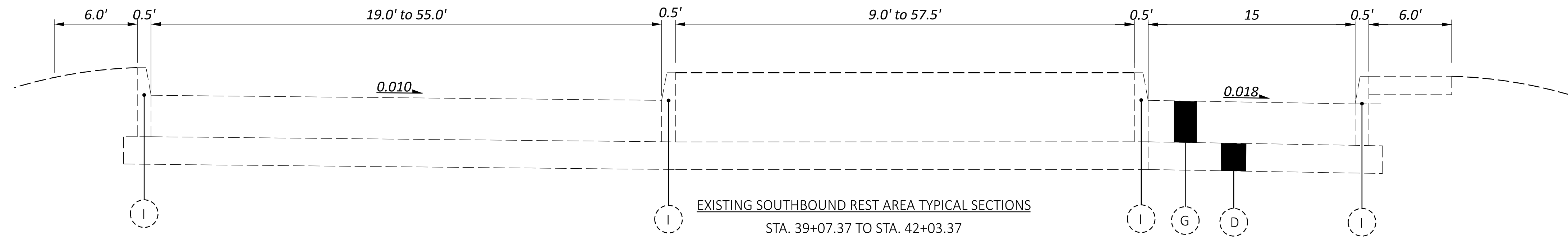
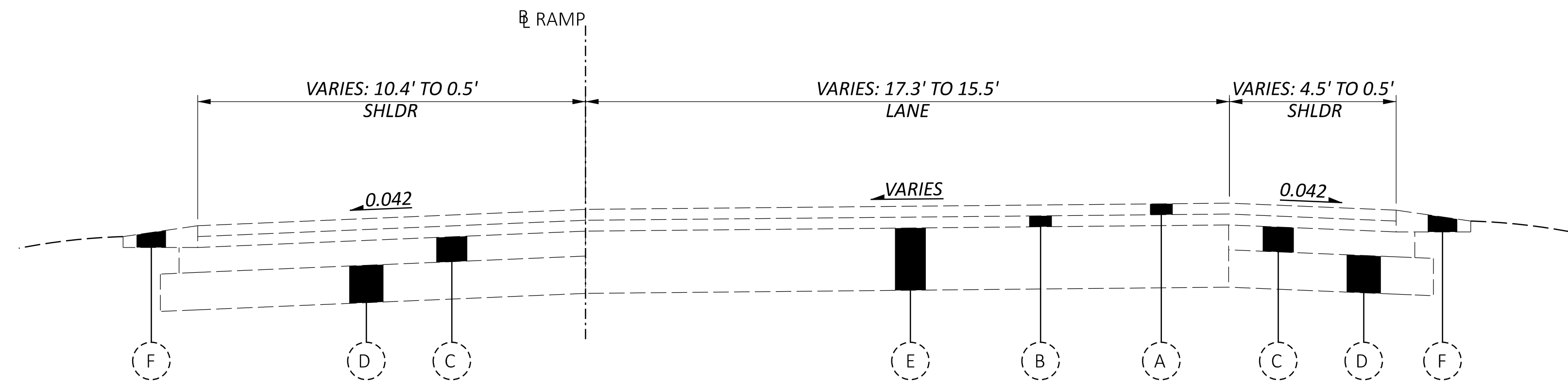
<p>ENGINEER'S SEAL</p> <p>ROADWAY</p>	<p>ENGINEER'S SEAL</p> <p>TRAFFIC CONTROL & LIGHTING</p>
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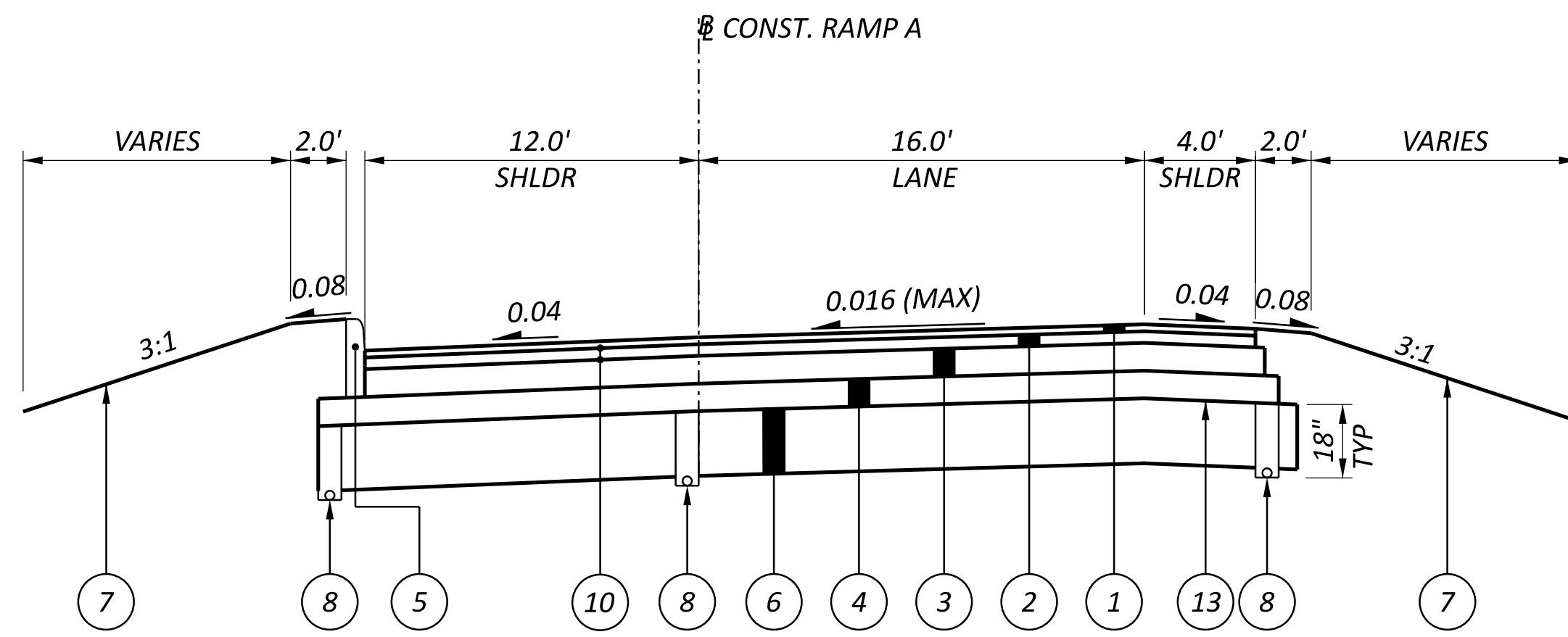
DESIGN AGENCY
TRANSYSTEMS
400 W. NATIONWIDE BLVD., STE 225
COLUMBUS, OHIO 43215

DESIGNER
JRC
REVIEWER
MSW 01/12/26
PROJECT ID
122872
SHEET TOTAL
P.01 | 113

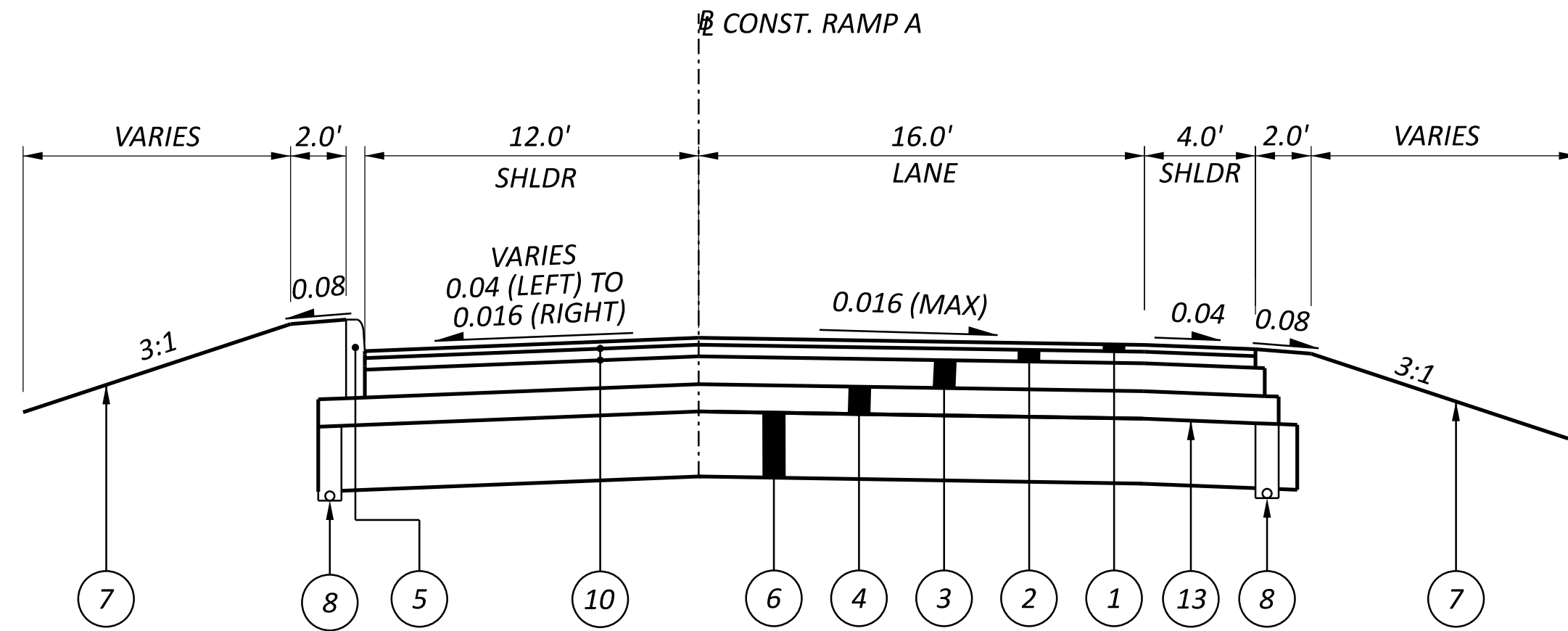
EXISTING LEGEND:

- (A) ASPHALT CONCRETE SURFACE COURSE, (1.75")
- (B) ASPHALT CONCRETE INTERMEDIATE COURSE, (1.75")
- (C) VARIABLE DEPTH ASPHALT CONCRETE BASE
- (D) AGGREGATE BASE (6")
- (E) ±9" PLAIN CONCRETE
- (F) COMPACTED AGGREGATE (2.00" AVERAGE DEPTH)
- (G) 9" REINFORCED CONCRETE PAVEMENT
- (H) GUARDRAIL
- (I) CURB
- (J) SIDEWALK

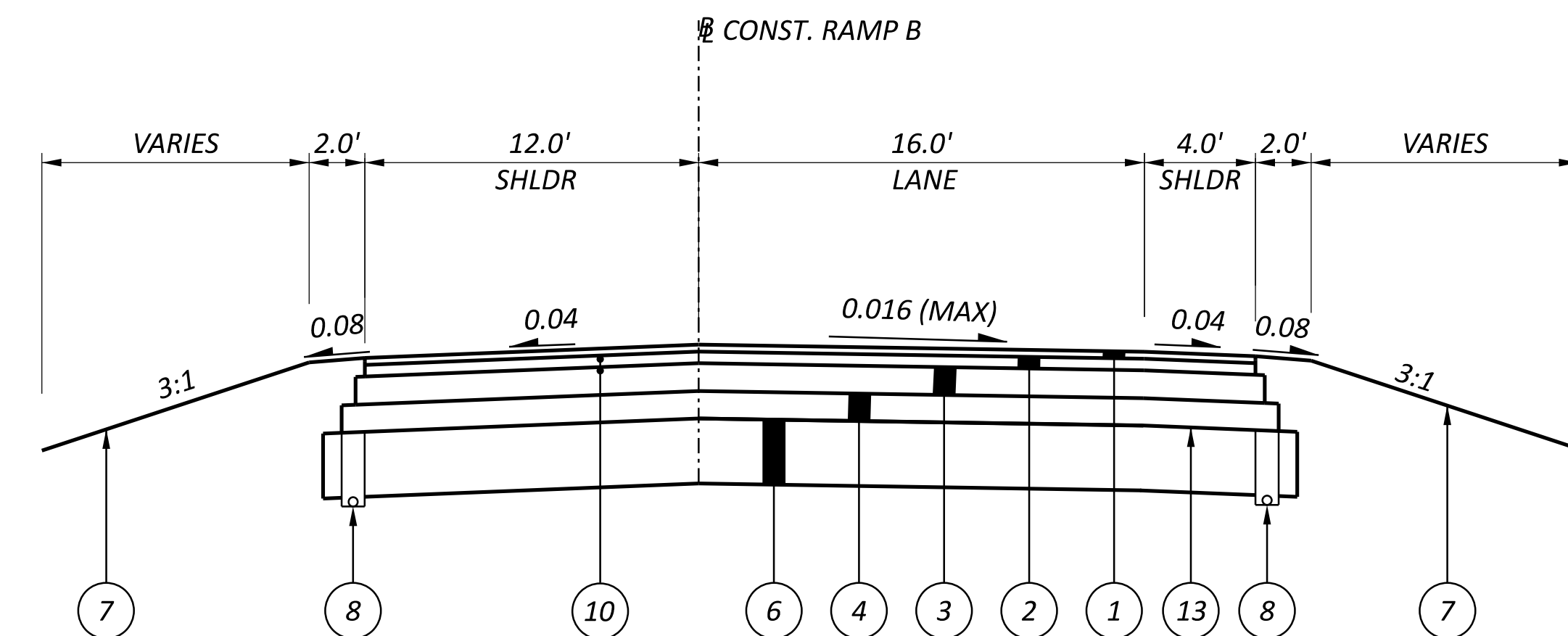




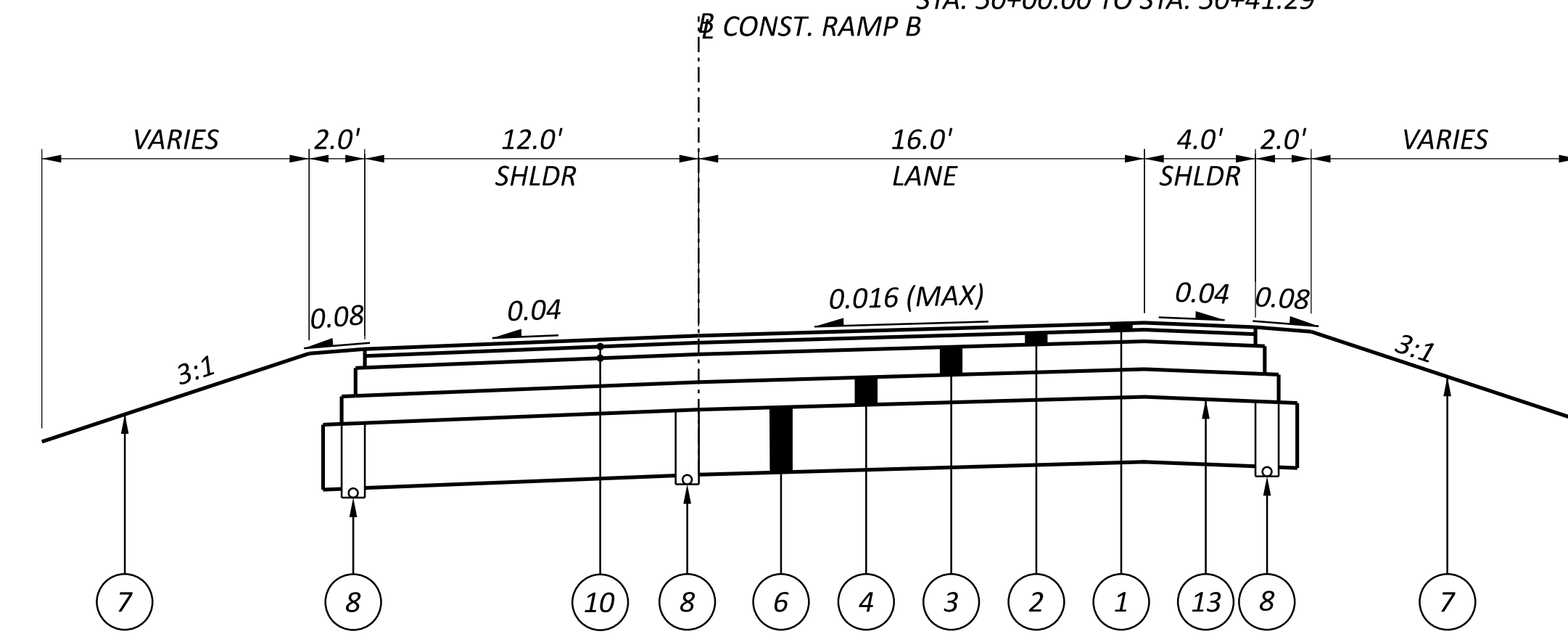
PROPOSED RAMP A TYPICAL SECTION
 STA. 34+87.10 TO STA. 39+40.03



PROPOSED RAMP A TYPICAL SECTION
 STA. 39+40.03 TO STA. 39+81.23



PROPOSED RAMP B TYPICAL SECTION
 STA. 50+00.00 TO STA. 50+41.29



PROPOSED RAMP B TYPICAL SECTION
 STA. 50+41.29 TO STA. 55+03.25

LEGEND:

- 1 ITEM 442 - ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (446) (1.50")
- 2 ITEM 442 - ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446) (2.50")
- 3 ITEM 301 - ASPHALT CONCRETE BASE (449) (6.00")
- 4 ITEM 304 - AGGREGATE BASE (6.00" UNLESS OTHERWISE NOTED)
- 5 ITEM 609 - CURB, TYPE 7
- 6 ITEM 206 - CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP
- 7 ITEM 659 - SEEDING AND MULCHING
- 8 ITEM 605 - 4" BASE PIPE UNDERDRAIN
- 9 ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P*
- 10 ITEM 407 - TACK COAT
- 11 ITEM NOT USED
- 12 ITEM 606 - GUARDRAIL, TYPE MGS
- 13 ITEM 204 - PROOF ROLLING

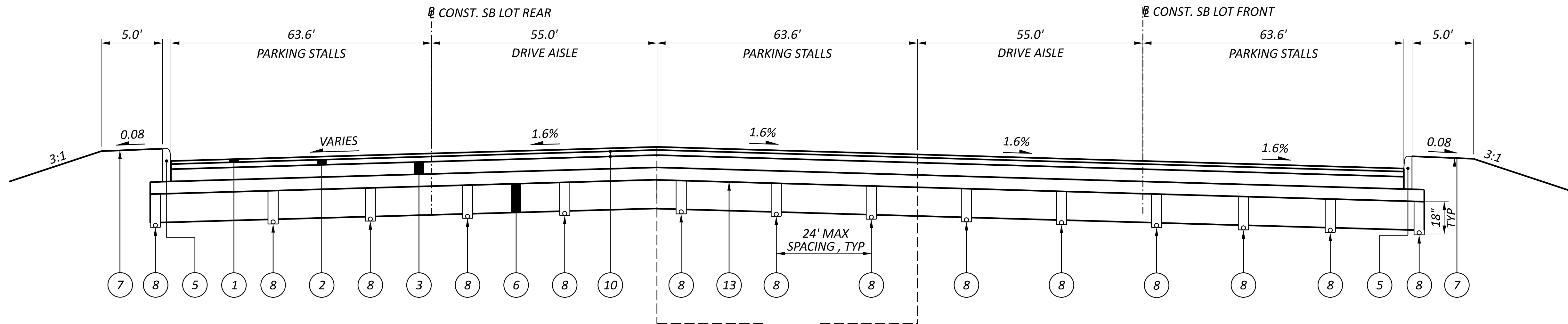
NOTE: SEE PLAN SHEET P.12 FOR PAVEMENT STEP DETAILS

PIT LATRINE AND SIDEWALK
 AREAS TO BE CONSTRUCTED BY
 ODOT FACILITIES DEPARTMENT

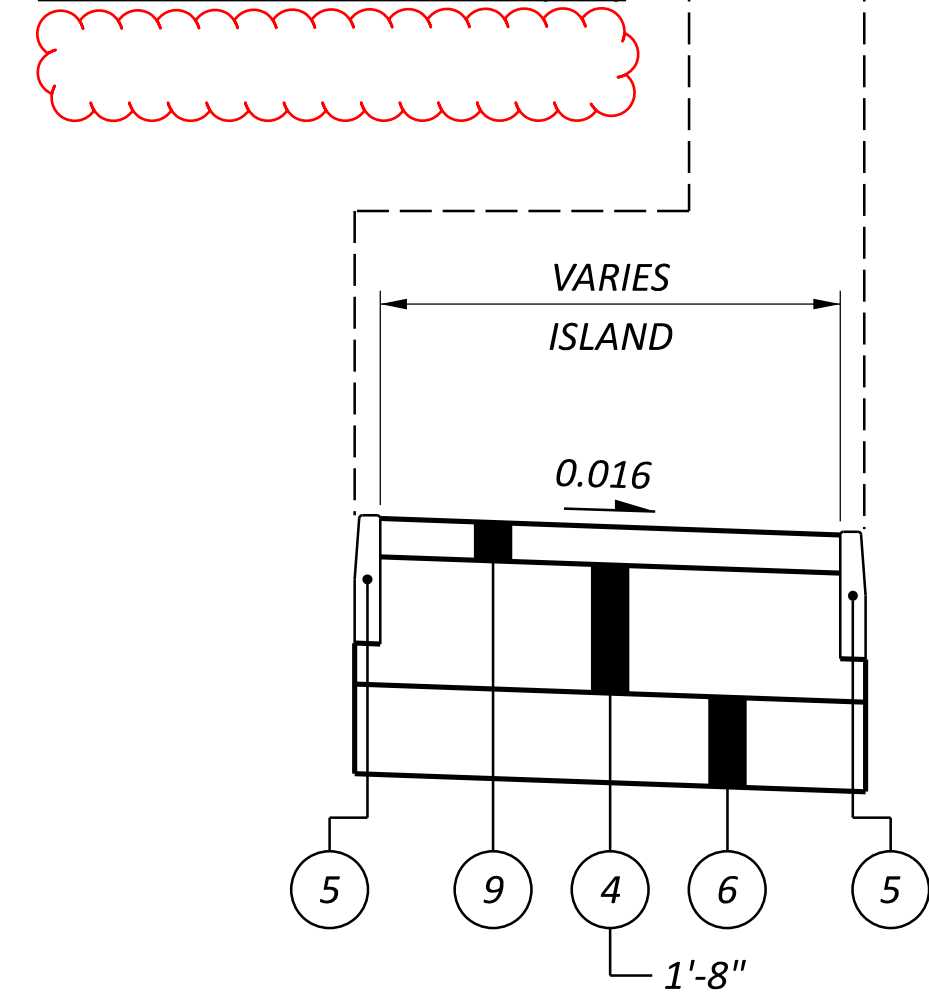
FOR EDGE COURSE DETAILS, SEE SHEET P.12

LEGEND:

- 1 ITEM 442 - ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (446) (1.50")
- 2 ITEM 442 - ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446) (2.50")
- 3 ITEM 301 - ASPHALT CONCRETE BASE (449) (6.00")
- 4 ITEM 304 - AGGREGATE BASE (6.00" UNLESS OTHERWISE NOTED)
- 5 ITEM 609 - CURB, TYPE 7
- 6 ITEM 206 - CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP
- 7 ITEM 659 - SEEDING AND MULCHING
- 8 ITEM 605 - 4" BASE PIPE UNDERDRAIN
- 9 ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P*
- 10 ITEM 407 - TACK COAT
- 11 ITEM NOT USED
- 12 ITEM 606 - GUARDRAIL, TYPE MGS
- 13 ITEM 204 - PROOF ROLLING

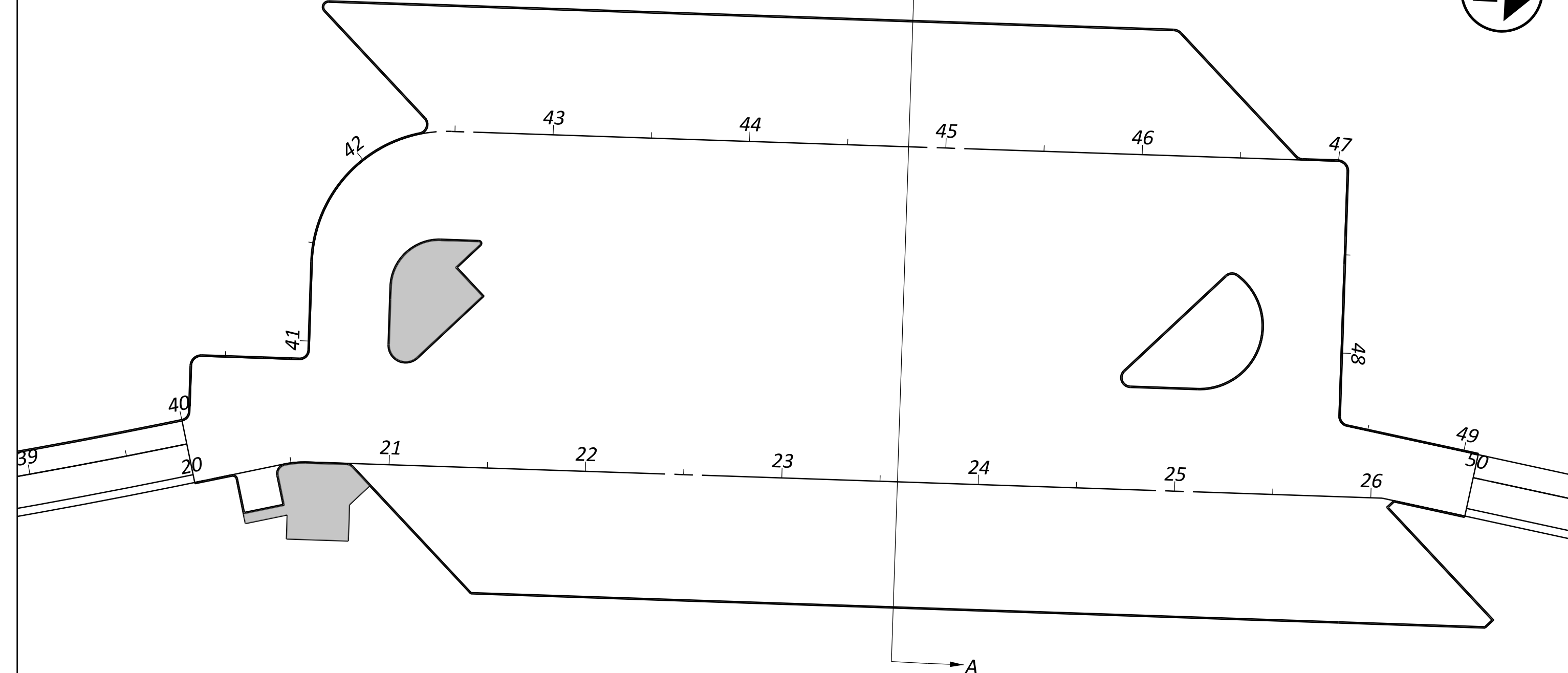


PROPOSED TYPICAL SECTION (A-A)



*CONCRETE PAVEMENT ITEMS IN THE SHADED
 AREAS ARE SHOWN FOR REFERENCE ONLY.
 WORK WILL BE CONSTRUCTED BY ODOT
 FACILITIES DEPARTMENT CONTRACTOR.

SECTION LOCATION MAP
 NO SCALE




DESIGN AGENCY	GANNETT FLEMING
DESIGNER	TAB
REVIEWER	KCF 01/12/26
PROJECT ID	122872
SHEET	P.06
TOTAL	113

MED-IR 71 REST AREAS TP

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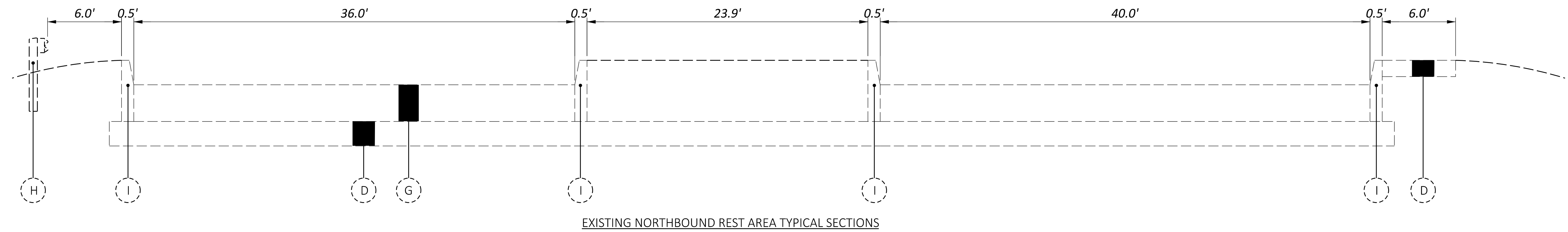
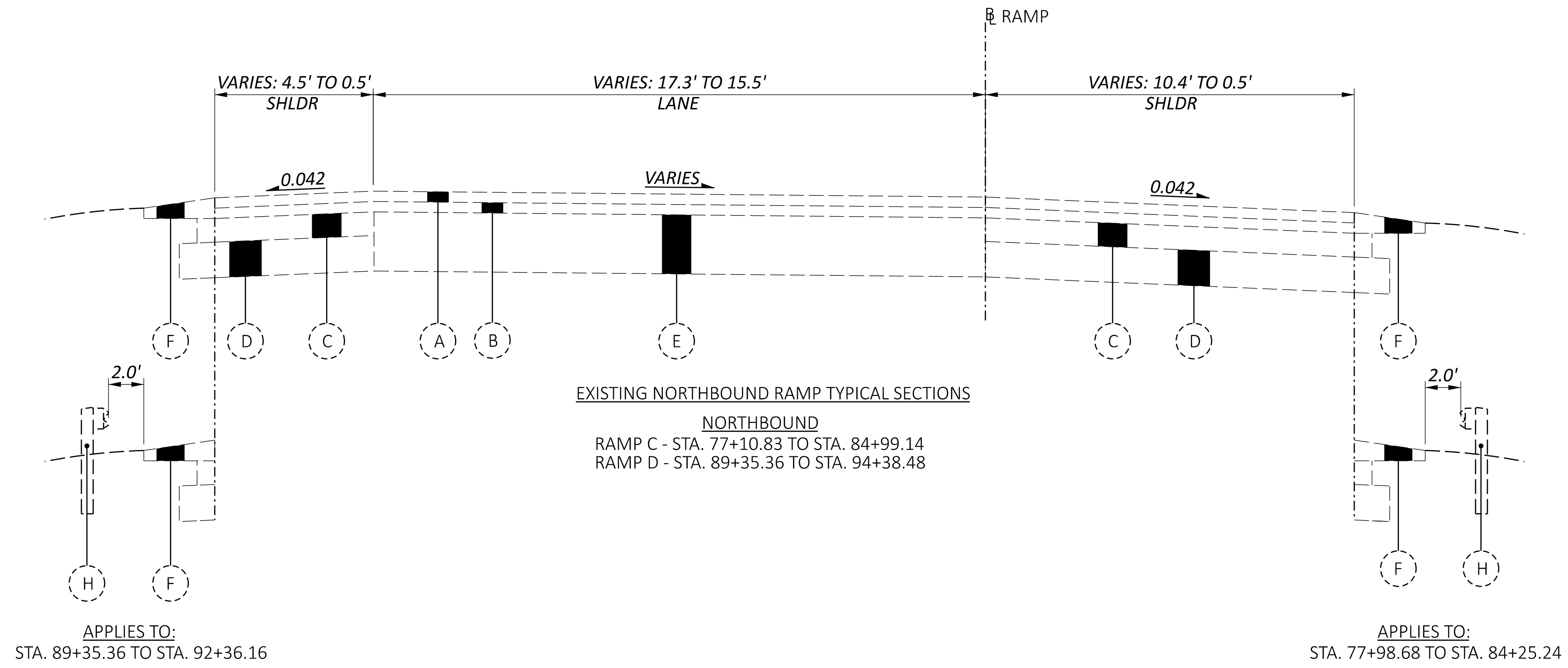
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DESIGN AGENCY	
 GANNETT FLEMING	
DESIGNER	TAB
REVIEWER	KCF 01/12/26
PROJECT ID	122872
SHEET	TOTAL
P.07	113

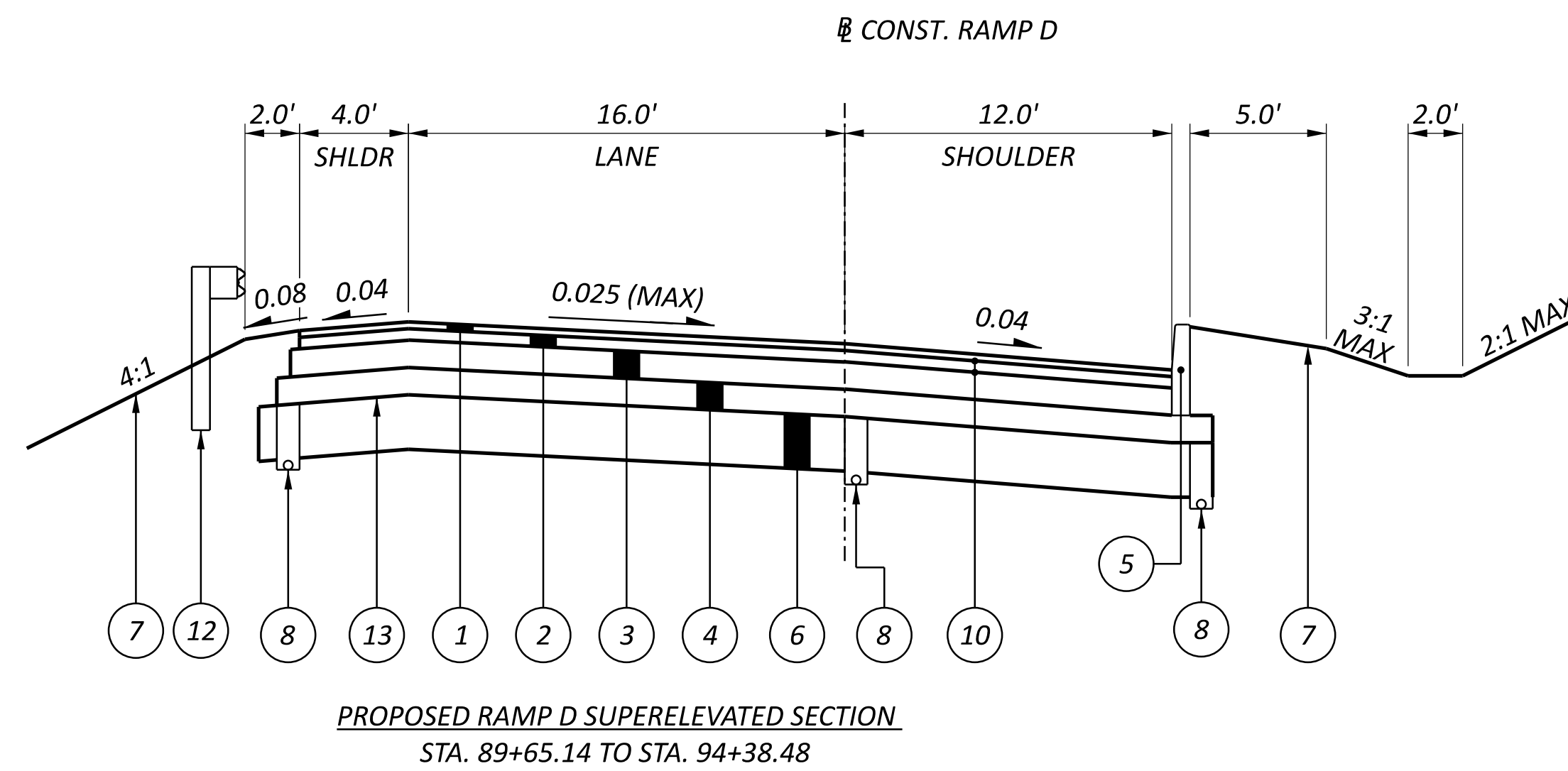
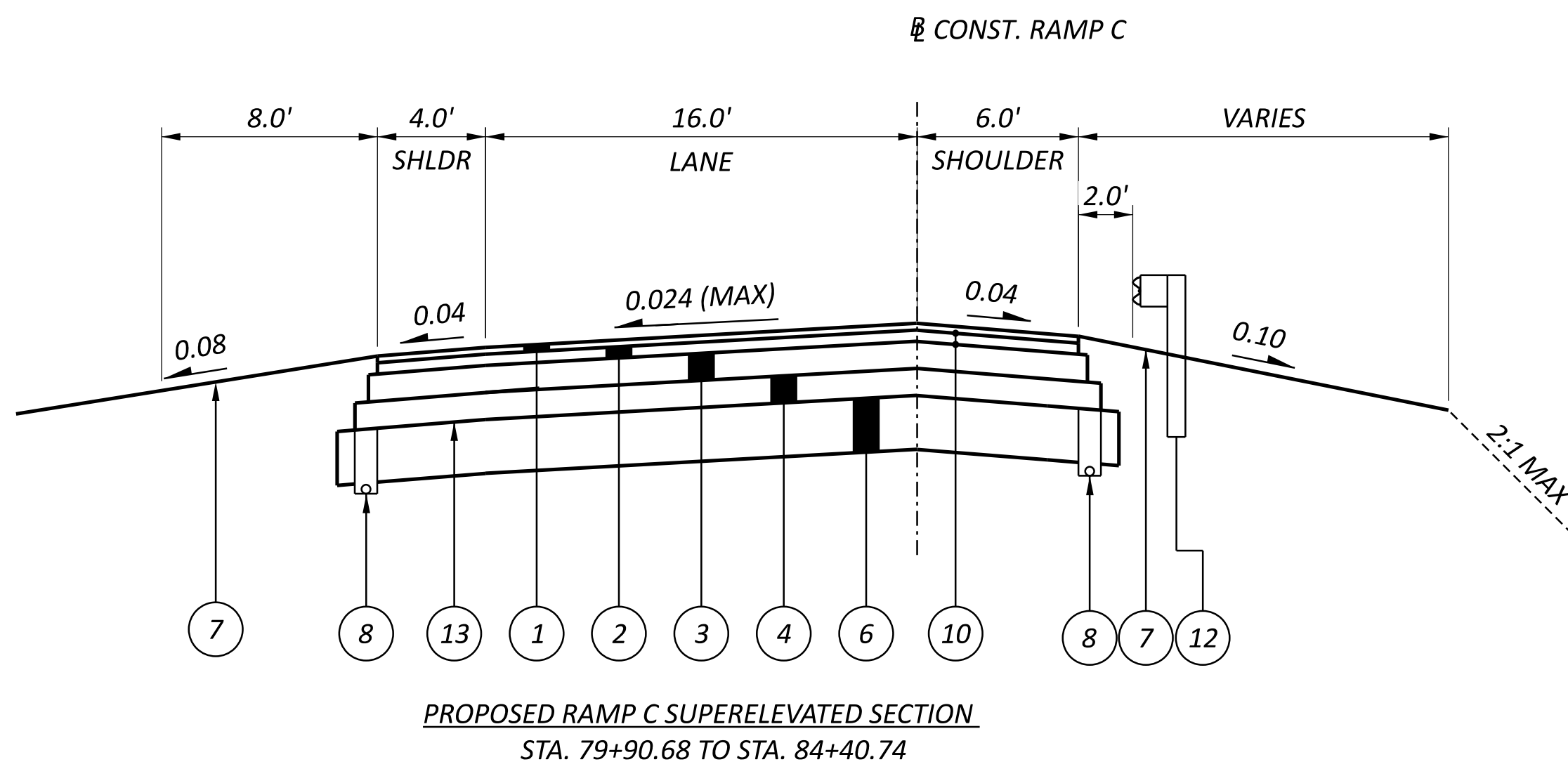
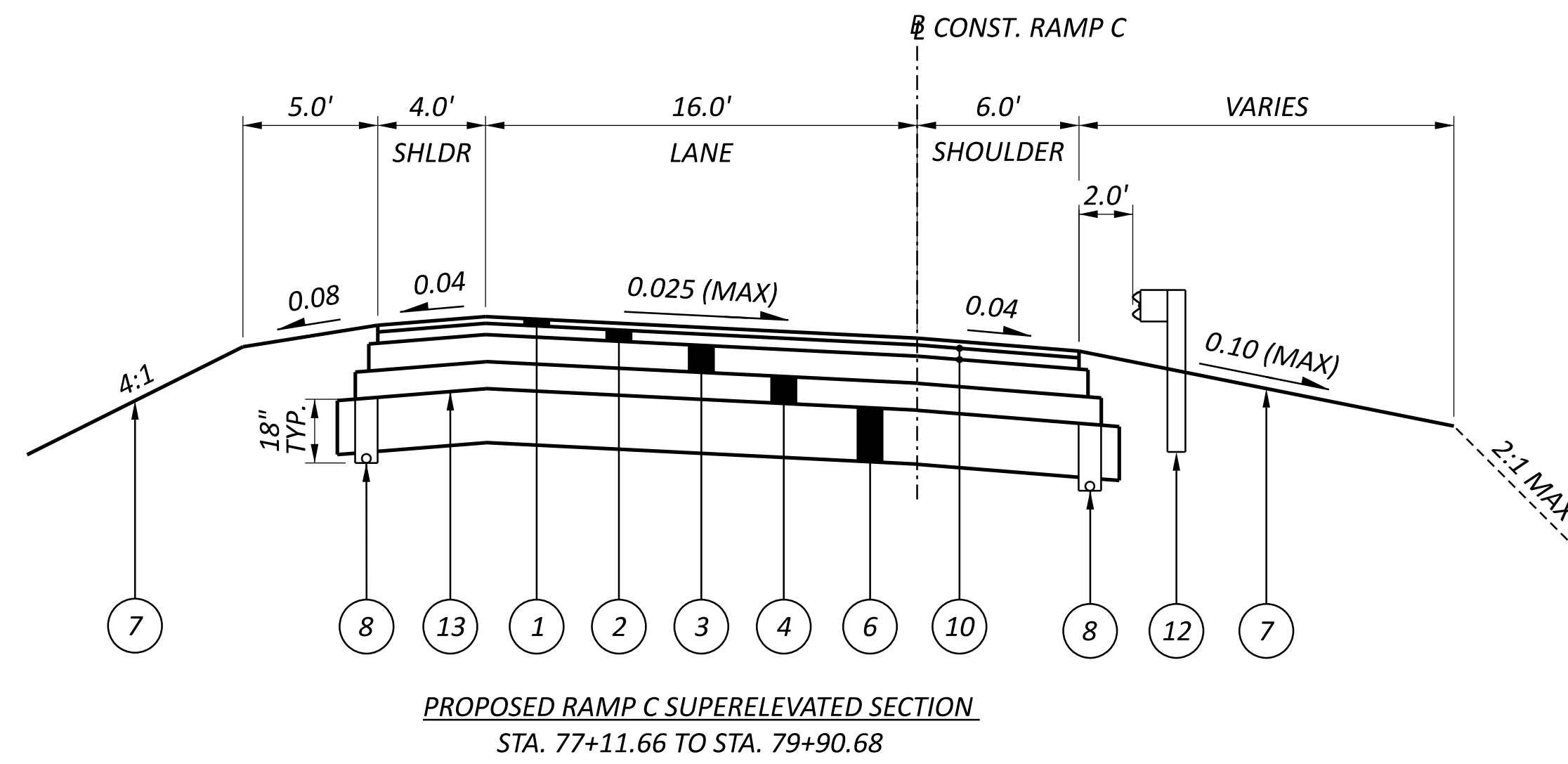
TYPICAL SECTIONS (SOUTHBOUND)

EXISTING LEGEND:

- (A) ASPHALT CONCRETE SURFACE COURSE, (1.75")
- (B) ASPHALT CONCRETE INTERMEDIATE COURSE, (1.75")
- (C) VARIABLE DEPTH ASPHALT CONCRETE BASE
- (D) AGGREGATE BASE (6")
- (E) ±9" PLAIN CONCRETE
- (F) COMPACTED AGGREGATE (2.00" AVERAGE DEPTH)
- (G) 9" REINFORCED CONCRETE PAVEMENT
- (H) GUARDRAIL
- (I) CURB
- (J) SIDEWALK

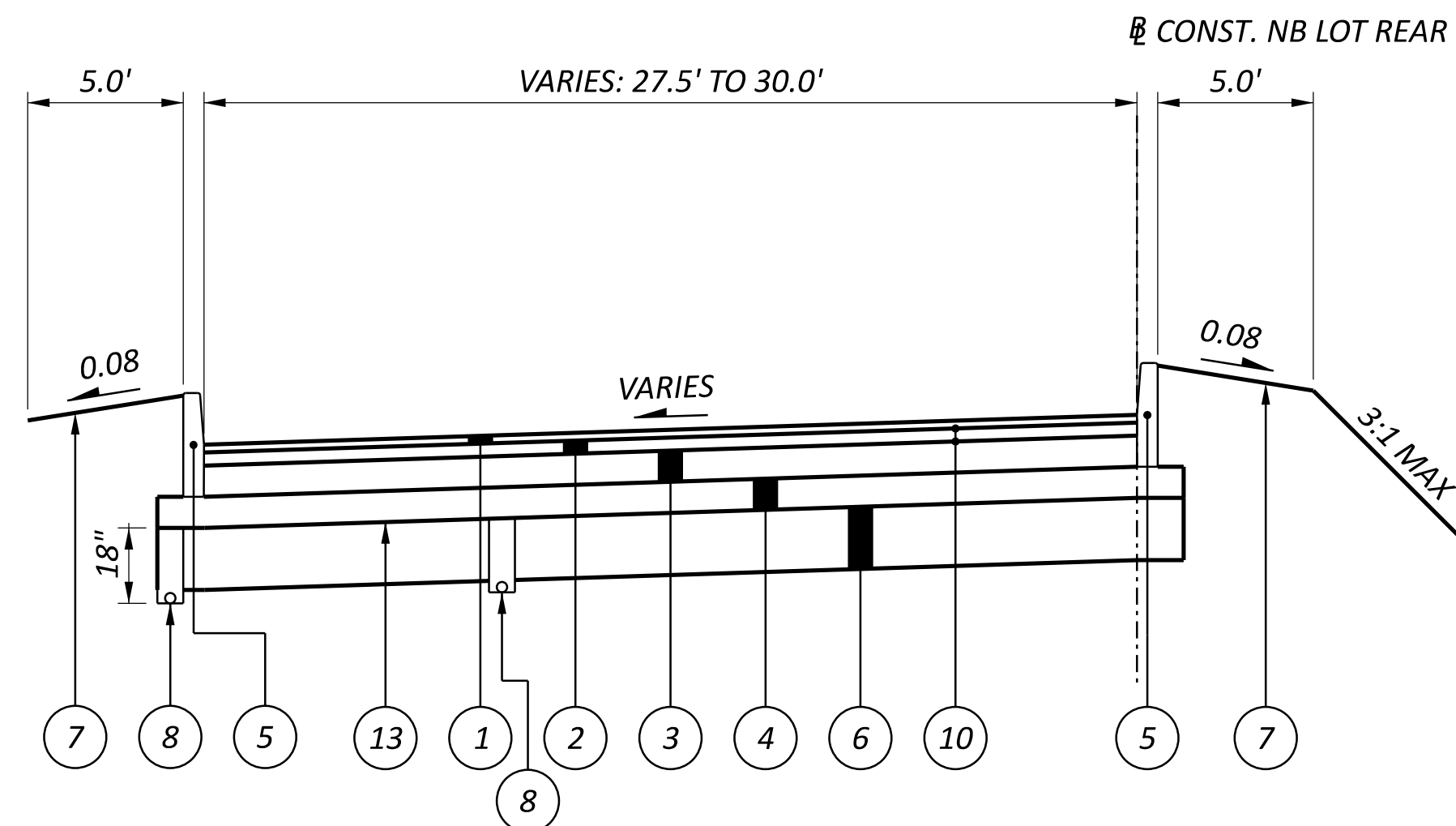


FOR EDGE COURSE DETAILS, SEE SHEET P.12



LEGEND:

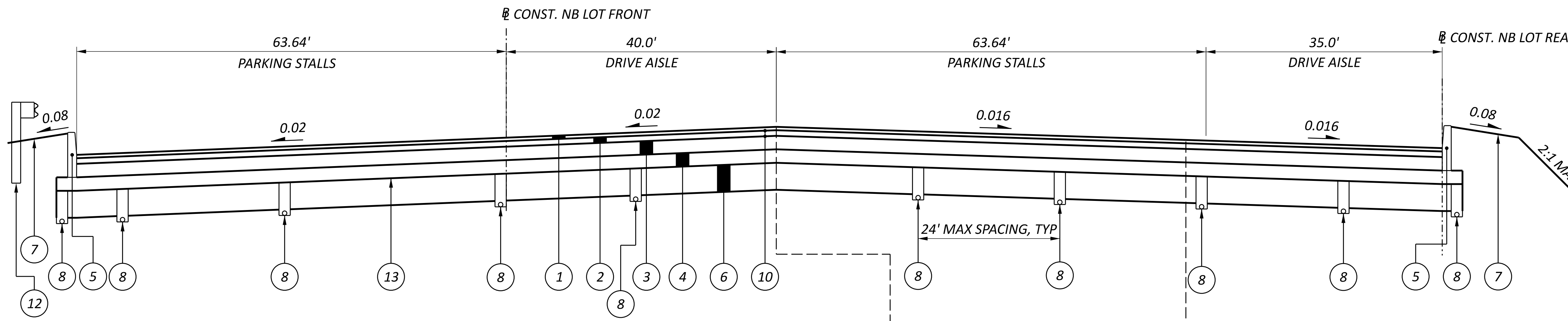
- 1 ITEM 442 - ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (446) (1.50")
- 2 ITEM 442 - ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446) (2.50")
- 3 ITEM 301 - ASPHALT CONCRETE BASE (449) (6.00")
- 4 ITEM 304 - AGGREGATE BASE (6.00" UNLESS OTHERWISE NOTED)
- 5 ITEM 609 - CURB, TYPE 7
- 6 ITEM 206 - CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP
- 7 ITEM 659 - SEEDING AND MULCHING
- 8 ITEM 605 - 4" BASE PIPE UNDERDRAIN
- 9 ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P*
- 10 ITEM 407 - TACK COAT
- 11 ITEM NOT USED
- 12 ITEM 606 - GUARDRAIL, TYPE MGS
- 13 ITEM 204 - PROOF ROLLING



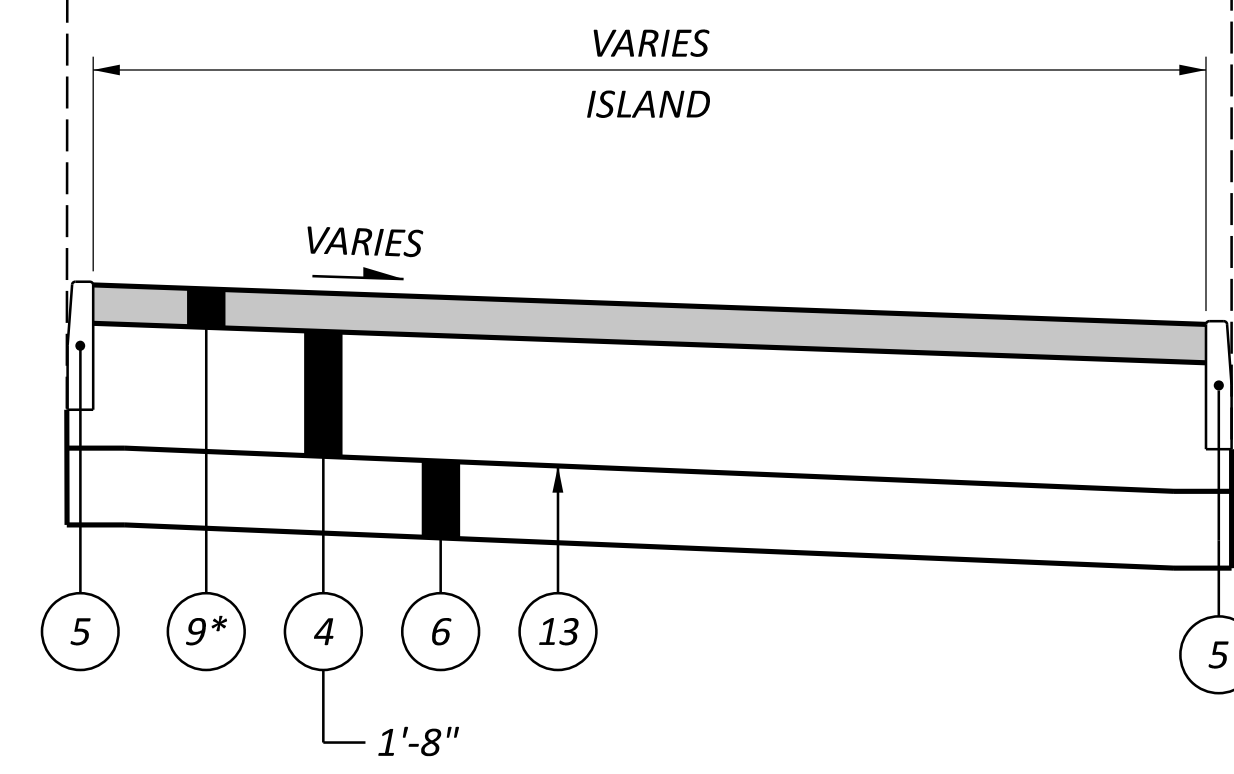
PROPOSED TYPICAL SECTION (F-F)

LEGEND:

- 1 ITEM 442 - ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (446) (1.50")
- 2 ITEM 442 - ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446) (2.50")
- 3 ITEM 301 - ASPHALT CONCRETE BASE (449) (6.00")
- 4 ITEM 304 - AGGREGATE BASE (6.00" UNLESS OTHERWISE NOTED)
- 5 ITEM 609 - CURB, TYPE 7
- 6 ITEM 206 - CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP
- 7 ITEM 659 - SEEDING AND MULCHING
- 8 ITEM 605 - 4" BASE PIPE UNDERDRAIN
- 9 ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P*
- 10 ITEM 407 - TACK COAT
- 11 ITEM NOT USED
- 12 ITEM 606 - GUARDRAIL, TYPE MGS
- 13 ITEM 204 - PROOF ROLLING

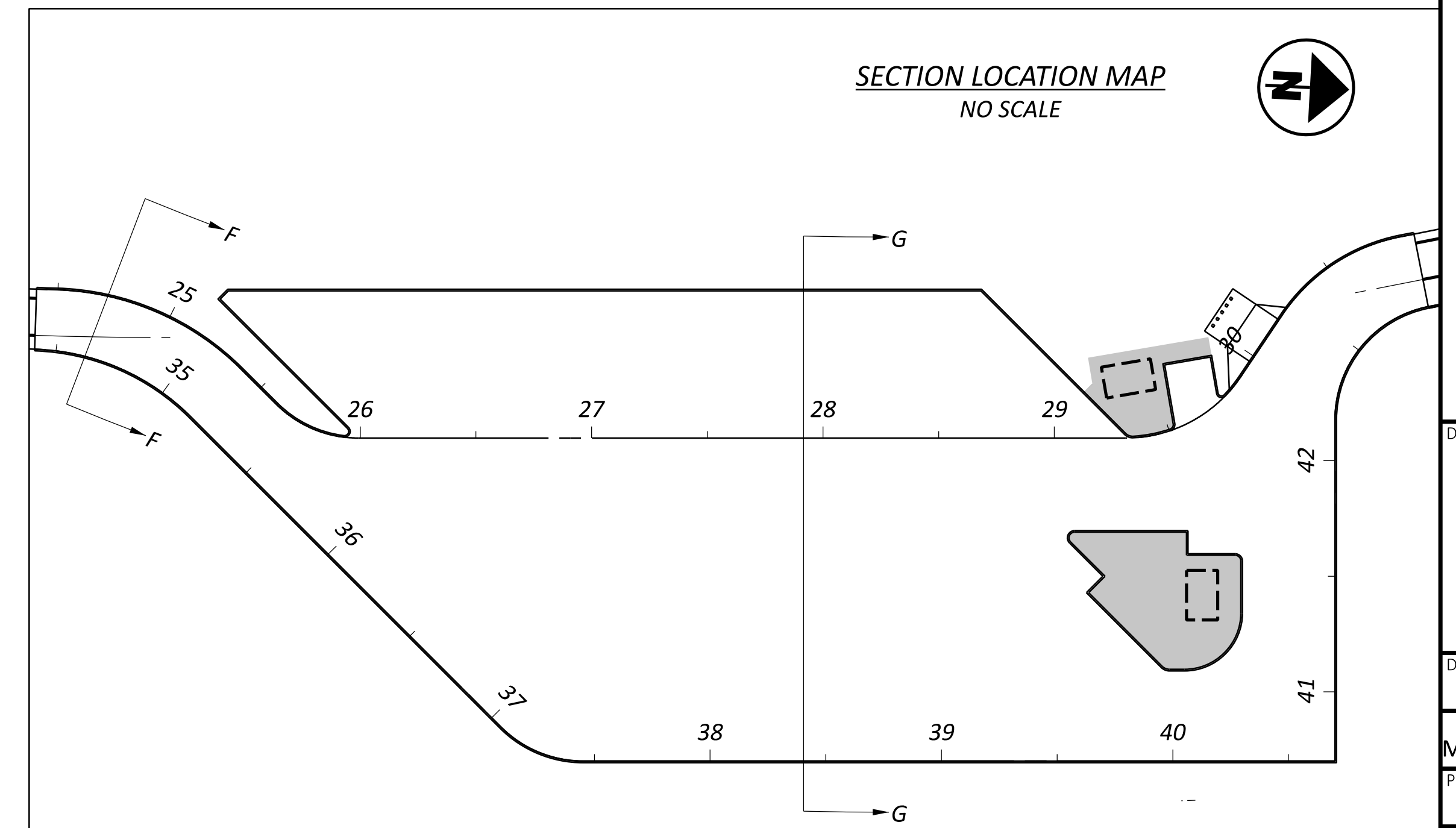


PROPOSED TYPICAL SECTION (G-G)



PROPOSED ISLAND SECTION DETAIL

*CONCRETE PAVEMENT ITEMS IN THE SHADED AREAS ARE SHOWN FOR REFERENCE ONLY. WORK WILL BE CONSTRUCTED BY ODOT FACILITIES DEPARTMENT CONTRACTOR.



SECTION LOCATION MAP
NO SCALE



PIT LATRINE AND SIDEWALK AREAS TO BE CONSTRUCTED BY ODOT FACILITIES DEPARTMENT

FOR EDGE COURSE DETAILS, SEE SHEET P.12

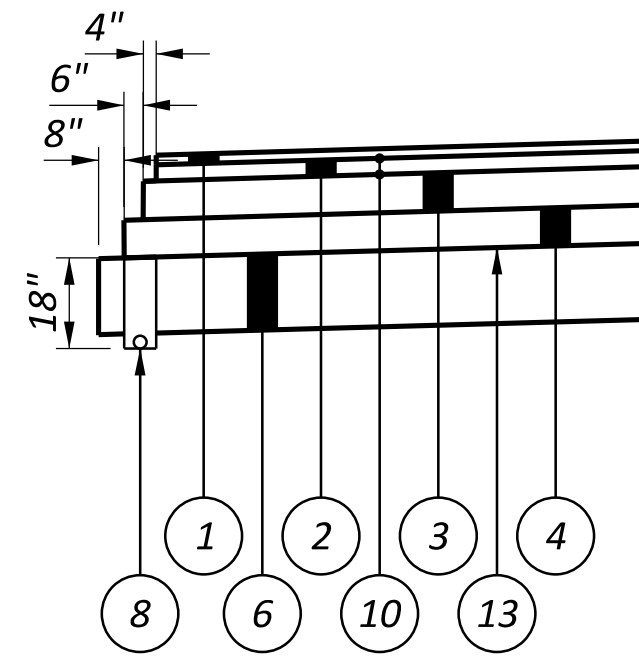
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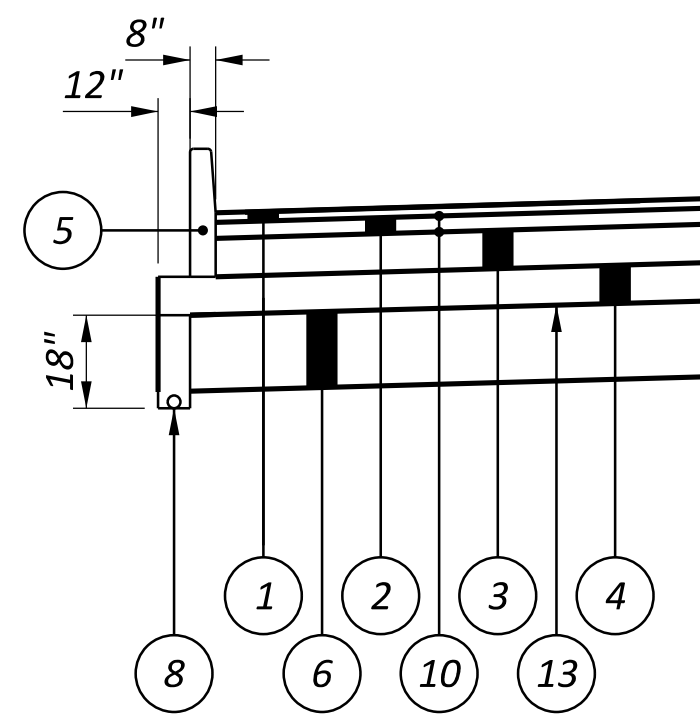
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DESIGN AGENCY	
TRANSYSTEMS 400 W. NATIONWIDE BLVD., STE 225 COLUMBUS, OHIO 43215	
DESIGNER	JRC
REVIEWER	MSW 01/12/26
PROJECT ID	122872
SHEET	TOTAL
P.11	113

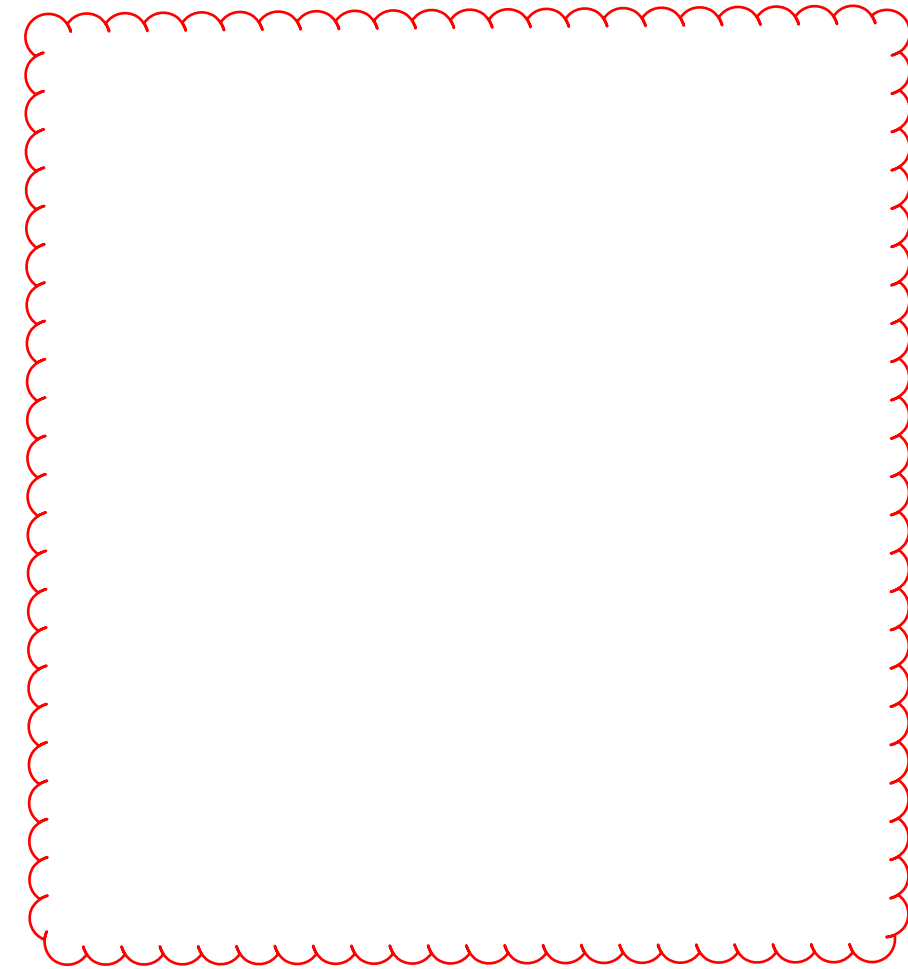
TYPICAL SECTION (NORTHBOUND)



ASPHALT EDGE COURSE DETAIL



ASPHALT WITH CURB
EDGE COURSE DETAIL



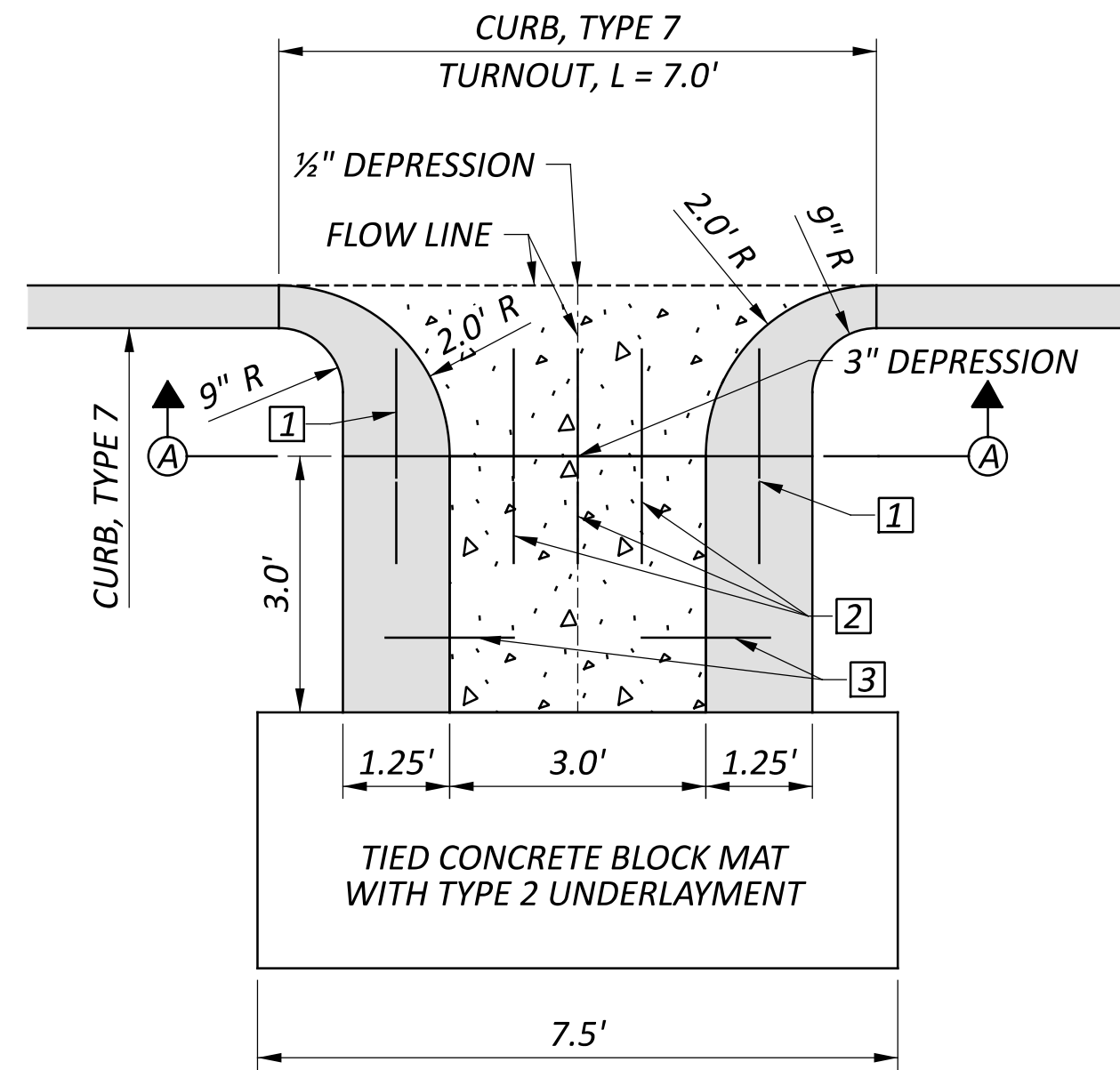
LEGEND:

- 1 ITEM 442 - ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (446) (1.50")
- 2 ITEM 442 - ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446) (2.50")
- 3 ITEM 301 - ASPHALT CONCRETE BASE (449) (6.00")
- 4 ITEM 304 - AGGREGATE BASE (6.00" UNLESS OTHERWISE NOTED)
- 5 ITEM 609 - CURB, TYPE 7
- 6 ITEM 206 - CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP
- 7 ITEM 659 - SEEDING AND MULCHING
- 8 ITEM 605 - 4" BASE PIPE UNDERDRAIN
- 9 ITEM 452 - 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P*
- 10 ITEM 407 - TACK COAT
- 11 ITEM NOT USED
- 12 ITEM 606 - GUARDRAIL, TYPE MGS
- 13 ITEM 204 - PROOF ROLLING

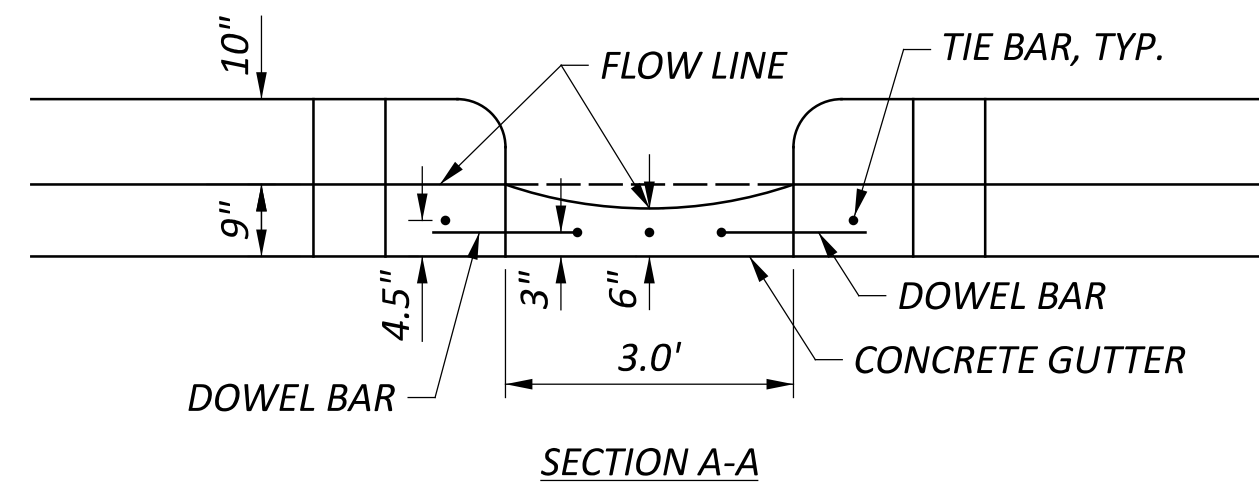
EDGE COURSE DETAILS

ITEM 609 - CURB, MISC.: CURB, TYPE 7 TURNOUT

THIS ITEM SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLAN DETAILS SHOWN BELOW. ALL LABOR, MATERIALS, AND INCIDENTALS NECESSARY TO CONSTRUCT A COMPLETE TURNOUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 609 - CURB, MISC.: CURB, TYPE 7 TURNOUT.



- 1 TIE BAR, 2.5' PER SCD BP-2.1
- 2 (3) TIE BARS, 2.5' SPACED 9" C/C PER SCD BP-2.1
- 3 (2) 1.5' DOWEL BAR PER SCD BP-2.2



POST CONSTRUCTION STORM WATER TREATMENT

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

VEGETATED FILTER STRIP

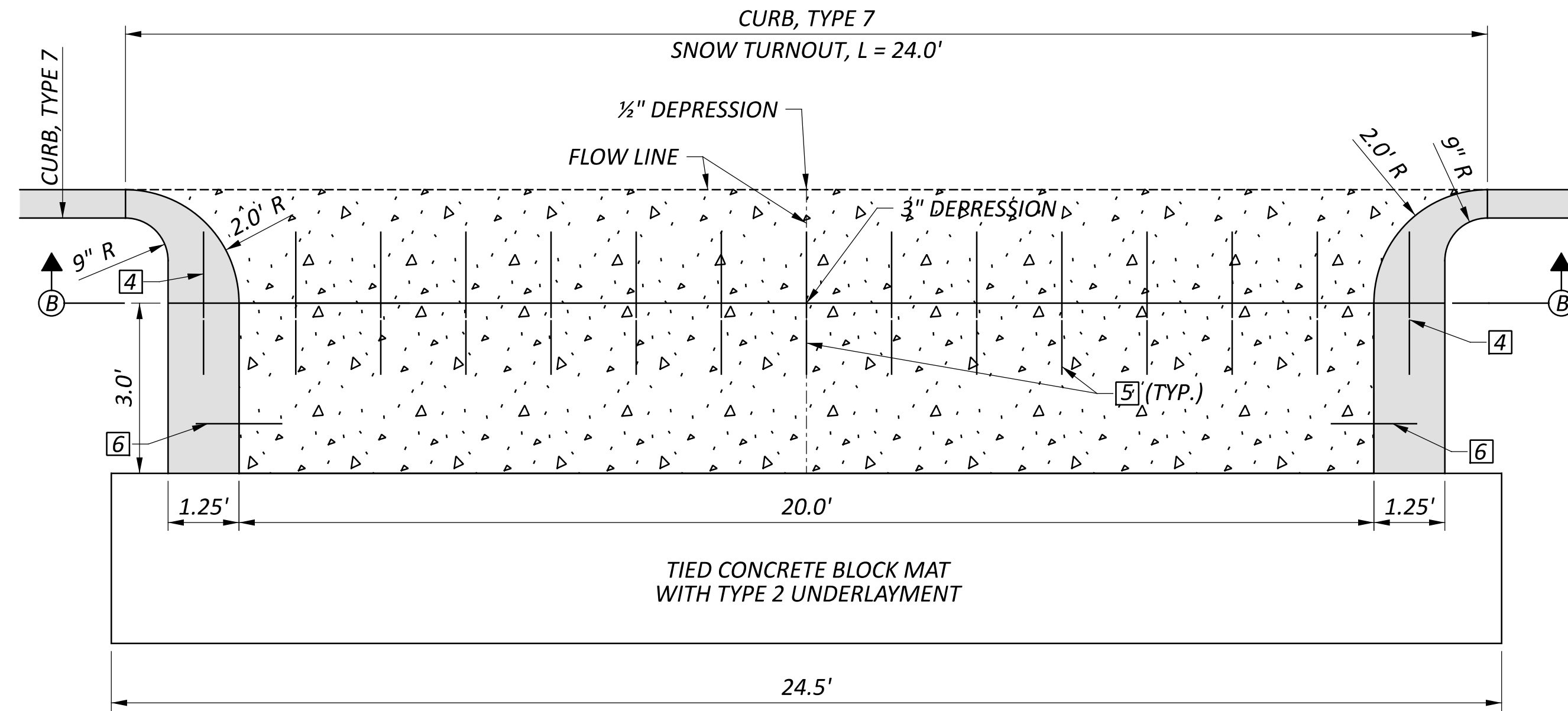
THIS PLAN UTILIZES VEGETATED FILTER STRIP(S) FOR POST CONSTRUCTION STORM WATER TREATMENT. PLACE EITHER ITEM 660 SODDING OR ITEM 659 SEEDING AND MULCHING WITH A 4-INCH LIFT OF TOPSOIL AND ITEM 670, SLOPE EROSION PROTECTION TO ALL DISTURBED AREAS DESIGNATED AS VEGETATED FILTER STRIPS, THE EDGE OF SHOULDER,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

ITEM SPECIAL - BOLLARDS

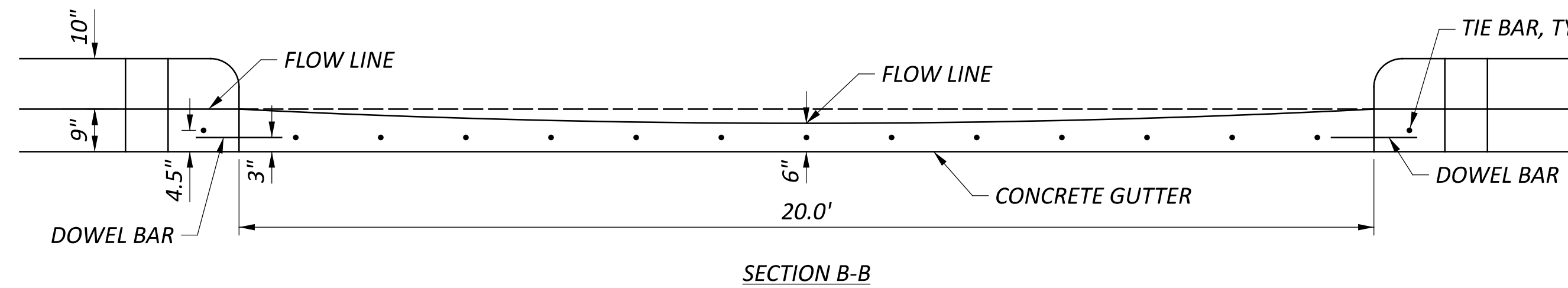
PERMANENT STEEL BOLLARDS SHALL BE INSTALLED PER THE DETAILS AND SPECIFICATIONS SHOWN ON RM-5.1. THE CONTRACT UNIT PRICE FOR ITEM SPECIAL - BOLLARD, SHALL INCLUDE PAYMENT FOR ALL LABOR, TOOLS, MATERIALS, HARDWARE, AND INCIDENTALS NECESSARY TO COMPLETE EACH ITEM.

ITEM 609 - CURB, MISC.: CURB, TYPE 7 SNOW TURNOUT

THIS ITEM SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLAN DETAILS SHOWN BELOW. ALL LABOR, MATERIALS, AND INCIDENTALS NECESSARY TO CONSTRUCT A COMPLETE SNOW TURNOUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 609 - CURB, MISC.: CURB, TYPE 7 SNOW TURNOUT.



- 4 TIE BAR, 2.5' PER SCD BP-2.1
- 5 (13) TIE BARS, 2.5' SPACED 18" C/C PER SCD BP-2.1
- 6 (2) 1.5' DOWEL BAR PER SCD BP-2.2



ITEM SPECIAL - FILL AND PLUG EXISTING CONDUIT (8" DIA)

THIS ITEM CONSISTS OF THE CONSTRUCTION OF BULKHEADS IN AN EXISTING 8 INCH DIAMETER CONDUIT AND FILLING THE AREA SEALED OFF WITH ITEM 613, SAND OR OTHER MATERIAL APPROVED BY THE ENGINEER.

LOCATE THE BULKHEADS AT THE LIMITS OF THE AREA TO BE FILLED, AS INDICATED ON THE PLANS. THE BULKHEADS CONSIST OF BRICK OR CONCRETE MASONRY WITH A MINIMUM THICKNESS OF 12 INCHES.

PUMP THE FILL MATERIAL INTO PLACE OR BY OTHER MEANS APPROVED BY THE ENGINEER, SO THAT AFTER SETTLEMENT, AT LEAST 90 PERCENT OF THE CROSS-SECTIONAL AREA OF THE CONDUIT, FOR ITS ENTIRE LENGTH IS FILLED. THE LENGTH OF FILLED AND PLUGGED CONDUIT TO BE PAID FOR IS THE ACTUAL NUMBER OF FEET (MEASURED ALONG THE CENTERLINE OF EACH CONDUIT FROM OUTER FACE TO OUTER FACE OF BULKHEADS) FILLED AND PLUGGED AS DESCRIBED ABOVE.

THE LENGTH, MEASURED AS PROVIDED ABOVE, WILL BE PAID FOR AT THE CONTRACT PRICE PER FOOT FOR, ITEM SPECIAL, FILL AND PLUG EXISTING CONDUIT.

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.

ITEM SPECIAL - DRILLED WATER WELL ABANDONED

FOLLOW RULES SET FORTH PER OAC CHAPTER 3701-28-071 REGARDING DRILLED WATER WELL ABANDONMENT. IN ADDITION TO THE OAC, THE STATE OF OHIO TECHNICAL GUIDANCE FOR SEALING UNUSED WELLS BY THE STATE COORDINATING COMMITTEE ON GROUNDWATER, DATED 1996 IS AVAILABLE FOR REFERENCE.

REMOVE AND DISPOSE OF THE EXISTING CONCRETE OR STONE SLAB WELL COVER, PUMPING EQUIPMENT AND ANY OTHER OBSTRUCTIONS. RIP OR PERFORATE THE WELL CASING. DISINFECT THE WELL TO PREVENT BACTERIAL CONTAMINATION OF THE GROUNDWATER. CUT OFF THE CASING AT LEAST 3' BELOW THE PROPOSED FINISH GRADE OUTSIDE PROPOSED SUBGRADE ELEVATION INSIDE PROPOSED PAVEMENT AREAS. FILL THE WELL FROM THE BOTTOM TO THE TOP WITH BENTONITE SLURRY, PELLETS, CHIPS, OR CONCRETE MEETING ASTM C 150 TYPE I, PORTLAND CEMENT WITH NO AIR ENTRAINMENT, AND THEN CAP IN ACCORDANCE WITH THE DETAIL SHOWN ON THIS DRAWING.

REGISTRATION AS PRIVATE WATER SYSTEMS CONTRACTOR WITH THE OHIO DEPARTMENT OF NATURAL RESOURCES (ODNR) AS REQUIRED BY THE OHIO REVISED CODE. IF ONLY SEALING ONE WELL, A WELL LOG IS NOT REQUIRED IN ADDITION TO THE WATER WELL SEALING REPORT. ANY ADDITIONAL MATERIALS REQUIRED BY ODNR SHALL BE CONSIDERED INCIDENTAL. ODNR'S ADDRESS IS AS FOLLOWS:

OHIO DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WATER
2045 MORSE ROAD, BUILDING B-2
COLUMBUS, OHIO 43229-6605
TELEPHONE (614) 265-6739
FAX (614) 265-6767

THE CONTRACT UNIT PRICE FOR **ITEM SPECIAL, DRILLED WATER WELL ABANDONED**, SHALL INCLUDE PAYMENT FOR ALL LABOR, TOOLS MATERIALS AND INCIDENTALS NECESSARY TO COMPLETE THIS ITEM.

REVIEW OF DRAINAGE FACILITIES

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.

EARTHWORK SUBSUMMARY

SHEET NO.	ALIGNMENT/LOCATION	STATION TO STATION		203	203	659
		FROM	TO	EXCAVATION	EMBANKMENT	SEEDING AND MULCHING
				CY	CY	SQ YD
P.46	RAMP A	34+88.00	36+00.00	29	37	
P.47	RAMP A	36+50.00	37+50.00	29	114	
P.48	RAMP A	38+00.00	39+00.00	37	56	
P.49	RAMP A	39+50.00	39+81.32	95	26	
RAMP A ALIGNMENT TOTALS				190	233	1,415.0
P.50	RAMP B	50+00.00	51+00.00	214	42	
P.51	RAMP B	51+50.00	53+00.00	161	52	
P.52	RAMP B	53+50.00	54+50.00	23	24	
P.53	RAMP B	55+00.00	55+03.00	5	5	
RAMP B ALIGNMENT TOTALS				403	123	1,629.0
SOUTHBOUND PARKING LOT TOTALS				4,585	1,860	2,411.0
P.54	RAMP C	77+11.66	78+00.00	16	1	
P.55	RAMP C	78+50.00	79+50.00	61	1	
P.56	RAMP C	80+00.00	81+00.00	48	0	
P.57	RAMP C	81+50.00	82+50.00	132	0	
P.58	RAMP C	83+00.00	84+00.00	164	0	
P.59	RAMP C	84+40.74		37	1	
RAMP C ALIGNMENT TOTALS				458	3	2,373.0
P.60	RAMP D	89+65.14	90+50.00	78	39	
P.61	RAMP D	91+00.00	92+00.00	49	65	
P.62	RAMP D	92+50.00	93+50.00	133	13	
P.63	RAMP D	94+00.00		43	4	
RAMP D ALIGNMENT TOTALS				303	121	1,921.0
NORTHBOUND PARKING LOT TOTALS				6,832	3,122	8,694.0
SUBTOTAL REGULAR EARTHWORK AND SEEDING				12,772	5,462	18,443
CONTINGENCY FOR PIT LATRINE COORDINATION					143	856
SUBTOTAL FOR DITCH OVEREXCAVATION				686	686	
GRAND TOTAL CARRIED TO GENERAL SUMMARY				13,458	6,291	19,299

PIT LATRINE COORDINATION - CONTINGENCY QUANTITIES

IN THE EVENT THE CONTRACTOR IS WITHIN 30 DAYS OF SUBSTANTIAL COMPLETION OF THE PARKING LOT CONSTRUCTION, AS DETERMINED BY THE ENGINEER, AND THE ODOT FACILITIES DEPARTMENT CONTRACTOR HAS NOT BEGUN WORK ON THE PIT LATRINE AREAS, THE CONTRACTOR SHALL BACKFILL THE AREAS DEFINED IN THE PLANS AS WORK AREAS TO BE PERFORMED BY ODOT FACILITIES. THESE AREAS ARE SHOWN AS SHADED AREAS IN THE PLAN VIEW AND TYPICAL SECTION SHEETS. THE FOLLOWING QUANTITIES HAVE BEEN GENERATED BASED ON THOSE AREAS AND HAVE BEEN CARRIED TO THE EARTHWORK SUBSUMMARY TABLE ON THIS SHEET. IF THESE QUANTITIES ARE NOT NEEDED, THEY SHALL BE NON-PERFORMED.

203 - EMBANKMENT	143 CY
659 - SEEDING AND MULCHING, CLASS 1	856 SY

SEEDING AND MULCHING

THE FOLLOWING QUANTITIES ARE PROVIDED TO PROMOTE GROWTH AND CARE OF PERMANENT SEEDED AREAS (EXCLUDING CONTINGENCY AREAS SUBJECT TO PIT LATRINE COORDINATION NOTE):

659, SOIL ANALYSIS TEST	2 EACH
659, TOPSOIL	2,047 CY
659, SEEDING AND MULCHING, CLASS 1	18,443 SY
659, REPAIR SEEDING AND MULCHING	922 SY
659, INTER-SEEDING	922 SY
659, COMMERCIAL FERTILIZER	2.57 TON
659, LIME	3.81 ACRES
659, WATER	102 MGAL

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.

COORDINATION BETWEEN CONTRACTORS

THE CONTRACTOR SHALL COORDINATE WORK WITH ODOT AND THE CONTRACTOR'S ON ADJACENT OR NEARBY PROJECTS. COORDINATION SHALL BE MADE TO PREVENT CONFLICTING ADVANCE WARNING SIGNS, CONFLICTING DETOUR ROUTES, OVERLAPPING OR CONFLICTING LANE CLOSURES. THIS IS NOT A COMPLETE LIST OF COORDINATION ITEMS THAT MAY NEED TO BE RESOLVED BETWEEN PROJECTS. THE DEPARTMENT RESERVES THE RIGHT TO PRIORITIZE WHICH PROJECT'S ACTIVITIES WILL TAKE PRECEDENCE ON ODOT PROJECTS. PROJECTS WITH ACTIVITIES DELAYED DUE TO CONFLICTS WILL CONSIDER THIS AN EXCUSABLE, NON-COMPENSABLE DELAY PER 108.06.B. ON PROJECTS THAT HAVE ACTIVITIES DELAYED DUE TO CONFLICTS WHERE THE CONTRACTOR FAILED TO MEET THE NOTIFICATION REQUIREMENTS, THE DELAYS SHALL NOT BE CONSIDERED EXCUSABLE OR COMPENSABLE.

ATTENDANCE AT DEPARTMENT ORDERED TRAFFIC COORDINATION MEETINGS BETWEEN ADJACENT OR NEARBY PROJECTS SHALL BE CONSIDERED MANDATORY FOR EACH PROJECT'S SUPERINTENDENT AND WORKSITE TRAFFIC SUPERVISOR (WTS), AND ALL COSTS SHALL BE INCIDENTAL TO ITEM 614, MAINTAINING TRAFFIC, LUMP SUM.

PIT LATRINE COORDINATION

- PIT LATRINES AND ASSOCIATED SIDEWALK AND CURB RAMPS WILL BE INSTALLED VIA SEPARATE CONTRACT.
- IT MAY BE NECESSARY FOR PIT LATRINE WORK TO TAKE PLACE SIMULTANEOUS TO PARKING LOT CONSTRUCTION. CONTRACTORS MUST COORDINATE SCHEDULES, SITE ACCESS, AND AREAS FOR STAGING AS NEEDED.
- PIT LATRINE FOOTPRINT SIZE, LOCATION, AND ORIENTATION (SHOWN IN THESE PLANS AS BY OTHERS) SHOULD BE CONSIDERED APPROXIMATE. ACTUAL INSTALLATION MAY DIFFER. HOWEVER THE WORK WILL BE ENTIRELY BEHIND THE PARKING LOT CURB AND WILL NOT IMPACT THE PARKING LAYOUT.
- PIT LATRINE PLANS WILL BE PROVIDED FOR REFERENCE WHEN AVAILABLE.

ITEM 606 - ANCHOR ASSEMBLY, MGS TYPE E

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING ANY OF THE MASH 2016 TYPE E TANGENTIAL END TREATMENTS FOR TYPE MGS GUARDRAIL AS LISTED UNDER "PRODUCTS ACCEPTED FOR NEW INSTALLATIONS" ON THE ROADWAY APPROVED PRODUCTS LIST POSTED ON ROADWAY ENGINEERING'S WEB PAGE. INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS, IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. REFER TO THE POSTED SHOP DRAWINGS FOR THE MOST CURRENT APPROVED PRODUCT MODELS.

REFER TO THE MANUFACTURER'S INSTRUCTIONS REGARDING THE INSTALLATION OF, AND THE GRADING AROUND THE FOUNDATION TUBES AND GROUND STRUT. THE TOP OF ANY FOUNDATION TUBE SHOULD BE LESS THAN 4 INCHES ABOVE THE GROUND. ON-SITE GRADING IS REQUIRED IF THE TOP OF THE FOUNDATION TUBES OR TOP OF THE GROUND STRUT DOES PROJECT MORE THAN 4 INCHES ABOVE THE GROUND LINE. THE PLACEMENT OF THE FOUNDATION TUBES SHOULD BE AN APPROPRIATE DEPTH BELOW THE LEVEL LINE IN ORDER TO MAINTAIN THE FINISHED GUARDRAIL HEIGHT OF 31 INCHES FROM THE EDGE OF THE SHOULDER.

THE FACE OF THE TYPE E IMPACT HEAD SHALL BE COVERED WITH SOLID FLUORESCENT YELLOW REBOUNDABLE RETROREFLECTIVE SHEETING, PER CMS 730.191.

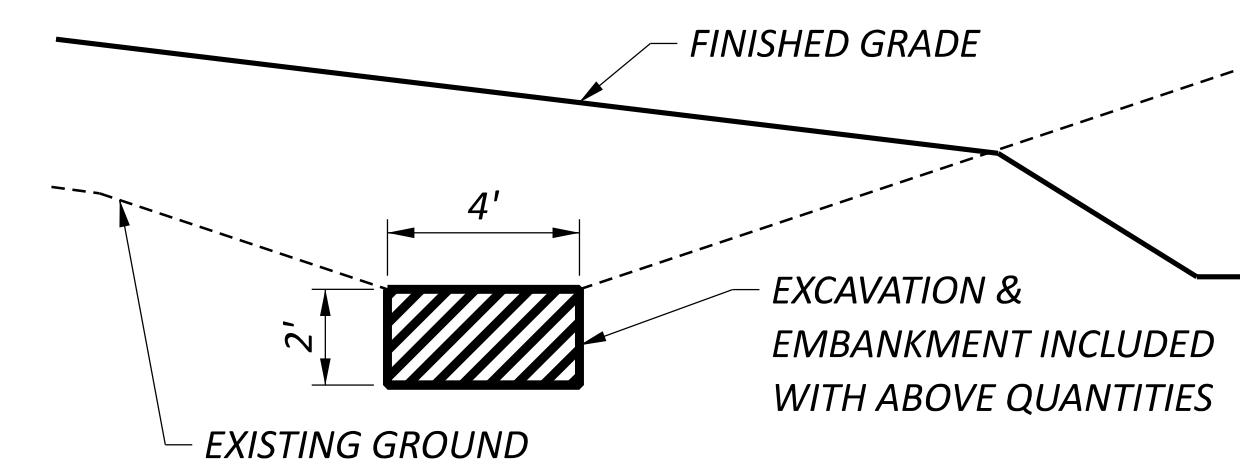
WHEN THE FACE OF THE ADJACENT (ATTACHED) GUARDRAIL IS LESS THAN 4' OFFSET FROM THE PROPOSED EDGE LINE, AND PERMITTING SITE CONDITIONS EXIST: THE PROPOSED TYPE E ANCHOR ASSEMBLY SHALL BE INSTALLED AT A CONSISTENT FLARE RATE THROUGH THE FULL LENGTH OF THE SYSTEM. THE FLARE RATE SHALL BE A MAXIMUM OF 25:1 (RESULTING IN A 2' OFFSET). THE INSTALLATION SHALL BE IN ACCORDANCE WITH THE SHOP DRAWINGS, PRODUCT INSTALLATION MANUAL/GUIDANCE, AND AS DIRECTED BY THE ENGINEER.

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 606, ANCHOR ASSEMBLY, MGS TYPE E, EACH, AND SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT AND MATERIALS NECESSARY TO CONSTRUCT A COMPLETE AND FUNCTIONAL ANCHOR ASSEMBLY SYSTEM, INCLUDING ALL RELATED TRANSITIONS, REFLECTIVE SHEETING, HARDWARE, GRADING, EMBANKMENT AND EXCAVATION NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER.

OVEREXCAVATION FOR RELOCATED DITCHES

IN LOCATIONS WHERE AN EXISTING DITCH (OR STREAM) IS BEING RELOCATED AND NEW EMBANKMENT IS BEING PLACED OVERTOP OF THE EXISTING DITCH, THE DITCH SHALL BE OVEREXCAVATED TO A NOMINAL DEPTH OF 2.0' BELOW THE DITCH BOTTOM. FOR THE PURPOSES OF ESTIMATING QUANTITIES, THE IMPACTED DITCHES ARE ASSUMED TO BE A NOMINAL 4.0' WIDTH. THE ADDITIONAL VOID LEFT BY THE EXCAVATION SHALL BE FILLED WITH ITEM 203 EMBANKMENT. ANY OTHER EMBANKMENT OVER THE DITCH BOTTOM OR EXCAVATION AROUND THE DITCH BOTTOM IS ACCOUNTED FOR IN THE REGULAR EARTHWORK QUANTITIES. FOR USE ON THE NORTHBOUND SITE, THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE EARTHWORK SUBSUMMARY TABLE ON THIS SHEET:

203 - EXCAVATION	686 CY
203 - EMBANKMENT	686 CY



SHEET NUMBER														PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
P.13	P.15	P.19	P.21	P.23	P.24	P.25	P.26	P.27	P.28	P.29	P.30	P.31		01/NFP	EXT	TOTAL				
ROADWAY																				
LS														LS	201	11001	LS		CLEARING AND GRUBBING, AS PER PLAN	P.13
		13,093	7,595											20,688	202	23000	20,688	SY	PAVEMENT REMOVED	
		9,075	4,601											13,676	202	30000	13,676	SF	WALK REMOVED	
		3,578	1,908											5,486	202	32000	5,486	FT	CURB REMOVED	
			404											404	202	35100	404	FT	PIPE REMOVED, 24" DIAMETER AND UNDER	
			1,509											1,509	202	38000	1,509	FT	GUARDRAIL REMOVED	
		3	1											4	202	58000	4	EACH	MANHOLE REMOVED	
		1	4											5	202	58100	5	EACH	CATCH BASIN REMOVED	
		1	1											2	SPECIAL	20266000	2	EACH	DRILLED WATER WELL ABANDONED	P.14
			63											63	202	75000	63	FT	FENCE REMOVED	
LS														LS	202	98000	LS		REMOVAL MISC.: GROUND MOUNTED SIGNS AND POST SUPPORTS	P.13
		LS												LS	202	98000	LS		REMOVAL MISC.: SANITARY PUMP STATION	P.13
		12	15											27	202	98100	27	EACH	REMOVAL MISC.: CONCRETE PICNIC TABLE	P.13
		4	5											9	202	98100	9	EACH	REMOVAL MISC.: GRILL	P.13
		2,511	2,461											4,972	202	98400	4,972	SF	REMOVAL MISC.: CONCRETE PAD	P.13
			1											1	202	98100	1	EACH	REMOVAL MISC.: BOULDER	P.13
		1												1	202	98100	1	EACH	REMOVAL MISC.: DRINKING FOUNTAIN	P.13
		1	1											2	202	98100	2	EACH	REMOVAL MISC.: FLAG POLE	P.13
		2	1											3	202	98100	3	EACH	REMOVAL MISC.: VENDING MACHINE	P.13
			1											1	202	98100	1	EACH	REMOVAL MISC.: WOOD POST	P.13
			1											1	202	98100	1	EACH	REMOVAL MISC.: NEWSPAPER BOXES	P.13
		13,458												13,458	203	10000	13,458	CY	EXCAVATION	
		6,291												6,291	203	20000	6,291	CY	EMBANKMENT	
										32	70			102	204	10000	102	SY	SUBGRADE COMPACTION	
										10	7			17	204	45000	17	HOURL	PROOF ROLLING	
										558	369			927	206	10500	927	TON	CEMENT	
										21,559	14,258			35,817	206	11000	35,817	SY	CURING COAT	
										21,559	14,258			35,817	206	15020	35,817	SY	CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP	
					837.5									837.5	606	15050	837.5	FT	GUARDRAIL, TYPE MGS	
					2									2	606	26100	2	EACH	ANCHOR ASSEMBLY, TYPE E	
					2									2	606	26500	2	EACH	ANCHOR ASSEMBLY, TYPE T	
				60	40									100	607	98000	100	FT	FENCE, MISC.: DUMPSTER SCREEN WALL	P.76
LS														LS	623	50000	LS		PRECONSTRUCTION SURVEY MONUMENT VERIFICATION AND REPORT	
LS														LS	623	51000	LS		POST CONSTRUCTION SURVEY MONUMENT VERIFICATION AND REPORT	
				4	5									9	SPECIAL	69050600	9	EACH	BOLLARD	P.14
EROSION CONTROL																				
							6	2						8	601	21050	8	SY	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT	
						195	208							403	601	21060	403	SY	TIED CONCRETE BLOCK MAT WITH TYPE 2 UNDERLAYMENT	
						1	1							2	601	32200	2	CY	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER	
		2												2	659	00100	2	EACH	SOIL ANALYSIS TEST	
		2,047										844		2,891	659	00300	2,891	CY	TOPSOIL	
		19,299												19,299	659	00500	19,299	SY	SEEDING AND MULCHING, CLASS 1	
		922												922	659	14000	922	SY	REPAIR SEEDING AND MULCHING	
		922												922	659	15000	922	SY	INTER-SEEDING	
		2.57												2.57	659	20000	2.57	TON	COMMERCIAL FERTILIZER	
		3.81												3.81	659	31000	3.81	ACRE	LIME	
		102												102	659	35000	102	MGAL	WATER	
							324							7,595	670	00500	7,595	SY	SLOPE EROSION PROTECTION	
														324	670	00720	324	SY	DITCH EROSION PROTECTION MAT, TYPE B	
													LS	LS	832	15000	LS		STORM WATER POLLUTION PREVENTION PLAN	
													LS	LS	832	15002	LS		STORM WATER POLLUTION PREVENTION INSPECTIONS	
													LS	LS	832	15010	LS		STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE	
												94,398		94,398	832	30000	94,398	EACH	EROSION CONTROL	
							48							48	836	10000	48	SY	SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 1	

GENERAL SUMMARY

DESIGN AGENCY

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

DESIGNER

MSW

REVIEWER

GHM 01/12/26

PROJECT ID

122872

SHEET

P.16

TOTAL

113

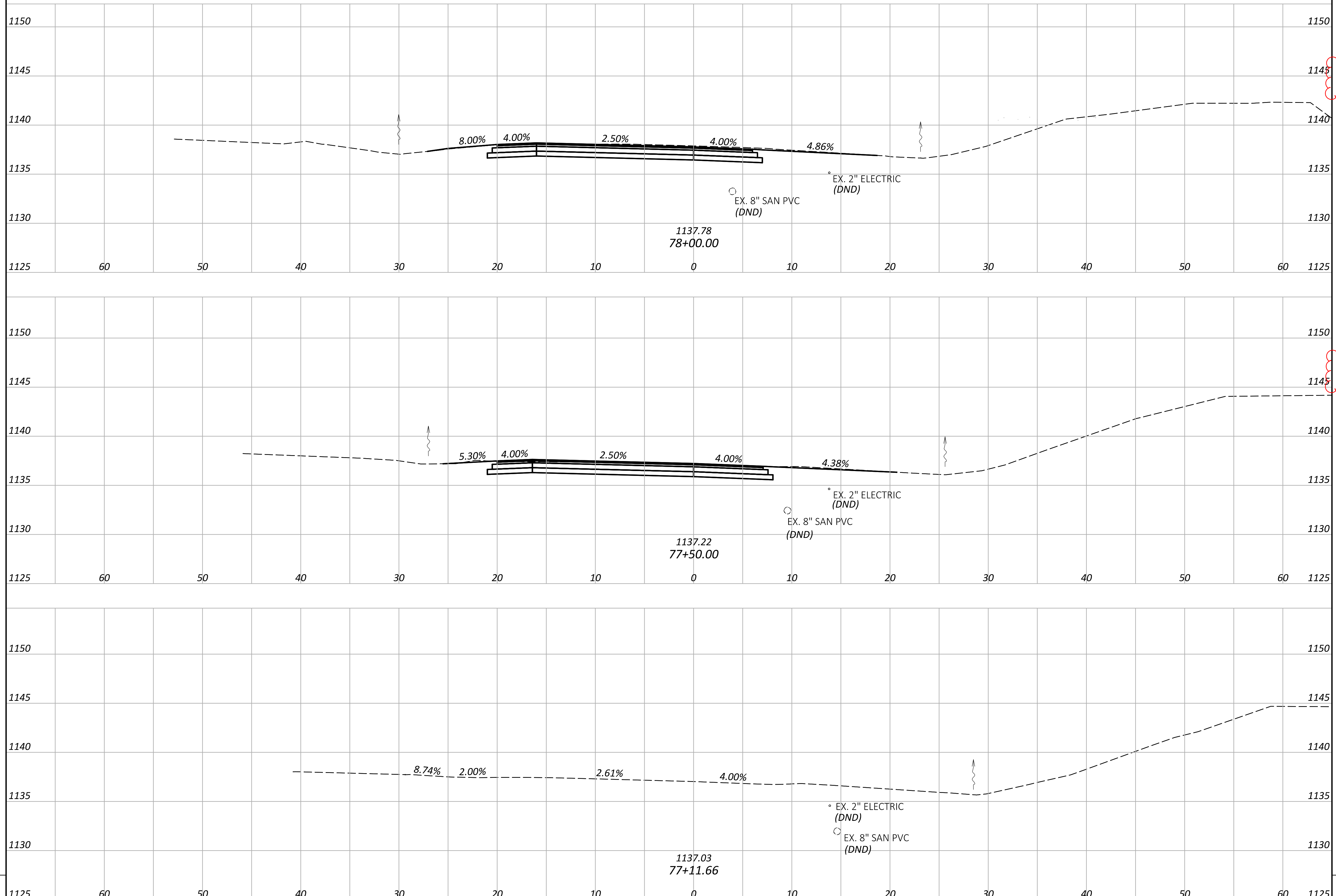
PAV'T AREA	STATION RANGE		SIDE	DISTANCE (D) FT	AVERAGE WIDTH (W) FT	CADD GENERATED AREA SF	204	204	206	206	206	301	304	304	407	442	442	452	
	FROM	TO					SUBGRADE COMPACTION SY	PROOF ROLLING HOUR	CEMENT TON	CURING COAT SY	CEMENT STABILIZED SUBGRADE; 14 INCHES DEEP SY	ASPHALT CONCRETE BASE, PG64- 22, (449) (6") CY	AGGREGATE BASE (6") CY	AGGREGATE BASE (20") CY	TACK COAT GAL	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446) (1.5") CY	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446) (2.5") CY	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P SY	
PAVEMENT QUANTITIES (NO OPTIONS)																			
RAMP C																			
ASPHALT RAMP	77+11.66	84+40.74	LT/RT	729.1	26.1	19,014.8													
+ASPHALT EDGE COURSE	77+11.66	84+40.74	LT	726.4				1.06	54.7	2,112.76	2,112.8		352.1	352.1		253.5	88.0	146.7	
+ASPHALT EDGE COURSE	77+11.66	84+40.74	RT	729.9															
RAMP D																			
ASPHALT RAMP	89+65.14	94+38.48	LT/RT	473.3	31.4	14,878.0													
+ASPHALT EDGE COURSE	89+65.14	94+38.48	LT	474.6				0.83	42.8	1,653.11	1,653.1		275.5	275.5		198.4	68.9	114.8	
+CURB EDGE COURSE	89+65.14	94+38.48	RT	472.8															
DUMPSTER PAD DRIVEWAY	29+82.15	30+25.15	LT	43.0	14.7	634.1		70.5	0.04									70.5	
NB LATRINE ISLAND	39+54.44	41+69.73	LT			3,005.3			0.17	8.6	333.93	333.9			185.5				
+ISLAND CURB EDGE COURSE	39+54.44	41+69.73	LT	228.4										2.8					
NB LOT REAR																			
ASPHALT PARKING LOT	34+40.74	42+86.26	LT	845.5	74.8	63,253.1							1,171.4	1,171.4		843.4	292.8	488.1	
+REAR CURB EDGE COURSE	34+40.74	42+86.26	LT	845.5				3.51	181.9	7,028.12	7,028.1			26.1					
NB LOT FRONT																			
ASPHALT TRUCK PARKING STALLS	25+92.81	29+34.15	LT	341.3	62.0	21,147.5							391.6	391.6		282.0	97.9	163.2	
+FRONT CURB EDGE COURSE	24+40.74	25+92.81	LT	152.1				1.17	60.8	2,349.72	2,349.7			4.7					
+TRUCK PARKING CURB EDGE COURSE	25+92.81	29+50.23	LT	523.0					0.7	28.16	28.2			16.1					
+MAINT. PARKING CURB EDGE COURSE	29+50.23	29+78.76	LT	70.4					2.5	96.85	96.9			2.2					
+DRIVEWAY CURB EDGE COURSE	29+78.76	30+22.08	LT	43.3					0.3	13.04	13.0			0.5					
+FRONT CURB EDGE COURSE	30+22.08	25+92.81	LT	68.4					0.2	8.02	8.0			2.1					
ASPHALT MAINT. PARKING STALLS	29+50.66	29+78.73	LT	28.1	17.8	498.5		0.03	1.4	55.39	55.4		9.2	9.2		6.6	2.3	3.8	
SUBTOTAL FOR PAVEMENT QUANTITIES (NO OPTIONS)							70.5	6.8	368.9	14,257.7	14,257.7		2,211.8	2,314.5	185.5	1,583.9	549.9	916.6	70.5
TOTALS CARRIED TO GENERAL SUMMARY							70	7	369	14,258	14,258		2,212	2,500	1,584	550	917	70	

PAVEMENT ESTIMATED QUANTITIES

MED-IR 71 REST AREAS TP

MODEL: BLP_RAMPA - 77+11.66 (Sheet) PAPER SIZE: 34x22 (in.) DATE: 3/31/2026 TIME: 2:11:13 PM PLOTORV: OHDOT_PDF_Levels.plt PENTBL: Pen.tbl USER: kflorig@gtinc.com WORKSPACE: OHDOTCEV02_WORKSET: 122872_PRODUCT: OpenRoadsDesigner 24.00.00.205
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SEEDING	
END WIDTH	SQ. YDS.
SHEET TOTAL	



END AREA		VOLUME	
CUT	FILL	CUT	FILL
8	0	12	1
5	0	4	0
0	0	0	0
SHEET TOTALS		16	1

CROSS SECTIONS - RAMP C
 STA. 77+11.66 TO STA. 78+00.00

DESIGN AGENCY
TRANSYSTEMS
 400 W. NATIONWIDE BLD., STE 225
 COLUMBUS, OHIO 43216

DESIGNER
 JRC

REVIEWER
 MSW 01/12/26

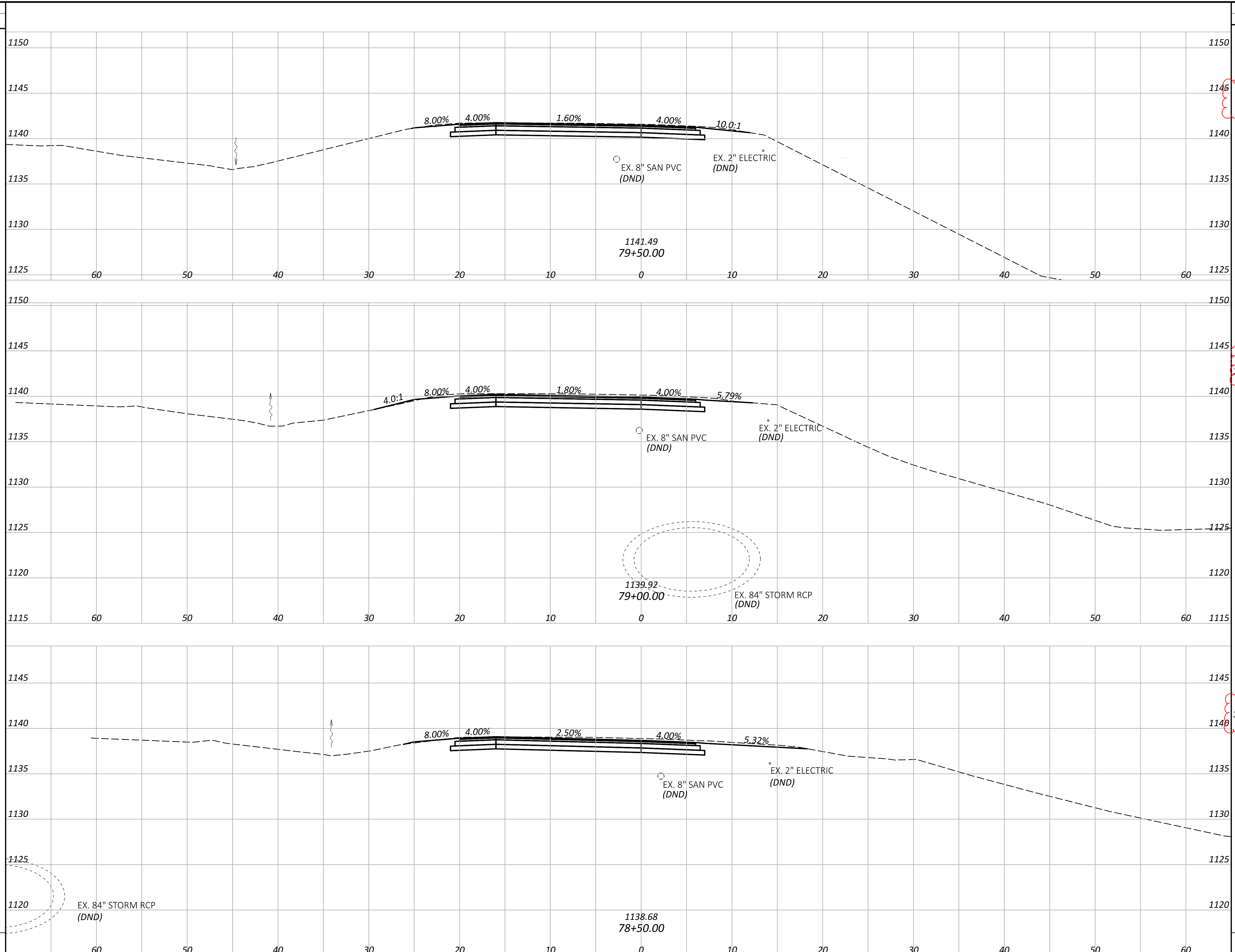
PROJECT ID
 122872

SHEET TOTAL
 P.54 | 113

MED-IR 71 REST AREAS TP

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SEEDING
 END SQ.
 WIDTH YDS.



END AREA	VOLUME	
	CUT	FILL
1150		
1145	9	0
1140		
1135		
1130	19	0
1125		
1150		
1145	12	0
1140		
1135		
1130		
1125	23	1
1120		
1115		
1145		
1140	12	0
1135		
1130		
1125		
1120	19	0
SHEET TOTALS	61	1

**CROSS SECTIONS - RAMP C
 STA. 78+50.00 TO STA. 79+50.00**

DESIGN AGENCY
TRANSYSTEMS
 400 W. NATIONWIDE BLD., STE 225
 COLUMBUS, OHIO 43216

DESIGNER
 JRC

REVIEWER
 MSW 01/12/26

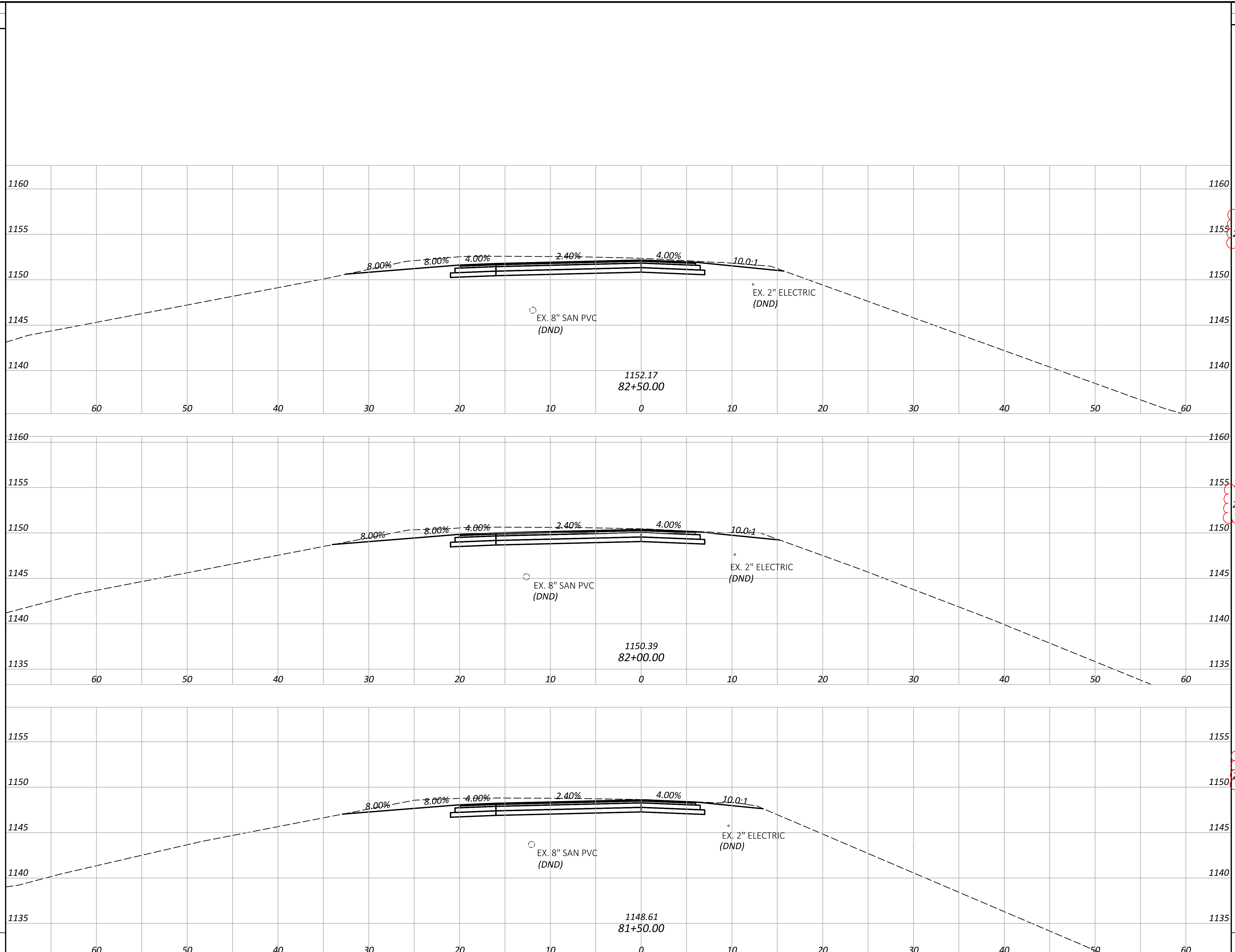
PROJECT ID
 122872

SHEET TOTAL
 P.55 | 113

MED-IR 71 REST AREAS TP

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SEEDING	
END WIDTH	SQ. YDS.
SHEET TOTAL	



END AREA		VOLUME	
CUT	FILL	CUT	FILL
29	0	29	0
51	0	51	0
26	0	26	0
45	0	45	0
23	0	23	0
36	0	36	0
SHEET TOTALS	132	132	0

CROSS SECTIONS - RAMP C
 STA. 81+50.00 TO STA. 82+50.00

DESIGN AGENCY
TRANSYSTEMS
 400 W. NATIONWIDE BLVD., STE 225
 COLUMBUS, OHIO 43216

DESIGNER
 JRC


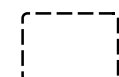


REVIEWER
 MSW 01/12/26

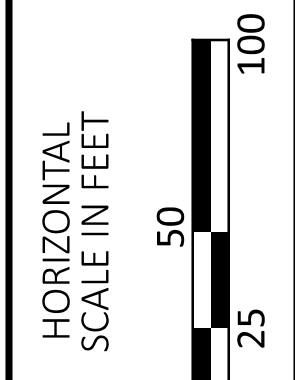
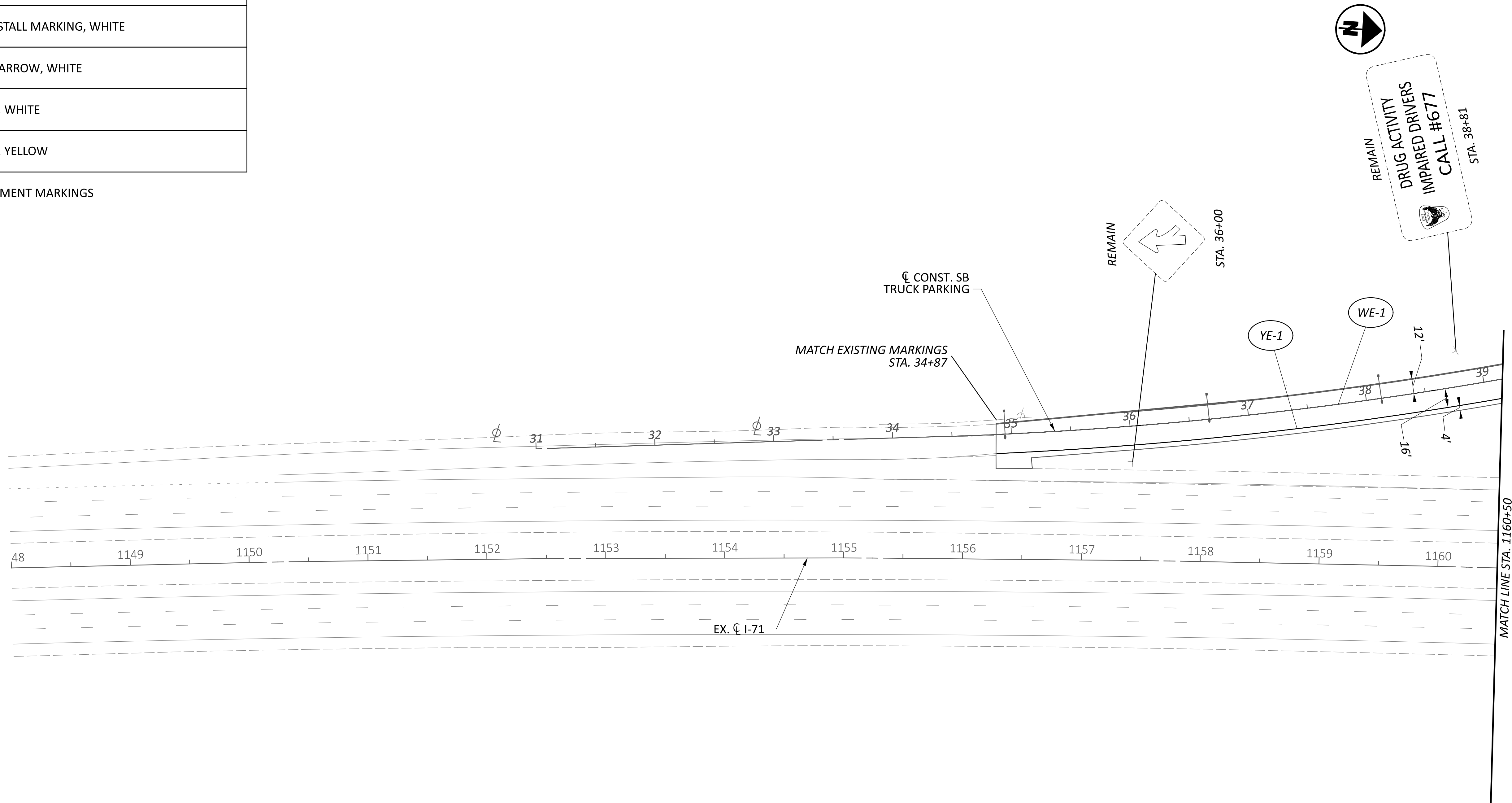
PROJECT ID
 122872

SHEET TOTAL
 P.57 | 113

ITEM 644	ODOT LINE SPECIFICATIONS
PL	PARKING LOT STALL MARKING, WHITE
WA	WRONG WAY ARROW, WHITE
WE	EDGE LINE, 6", WHITE
YE	EDGE LINE, 6", YELLOW
XX	EXISTING PAVEMENT MARKINGS

SIGNING LEGEND

-  PROPOSED SIGN
-  EXISTING SIGN TO REMAIN
-  EXISTING SIGN TO BE REMOVED
-  EXISTING SIGN TO BE REMOVED AND REERECTED



SIGNING AND PAVEMENT MARKING PLAN
 STA. 1148+00 TO 1160+50

DESIGN AGENCY



DESIGNER
ANC

REVIEWER
DKA 1-12-26

PROJECT ID
122872

SHEET TOTAL
P.88 | 113

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.

WHEN THE PROJECT BEGINS AND THE CONTRACTOR HAS TAKEN OVER THE 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 FOR THE DURATION OF THE PROJECT.

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.

TEMPORARY LIGHTING LUMP

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 BID ITEMS HAVE BEEN QUANTIFIED IN THE LIGHTING SUBSUMMARY:

ITEM 611, 4" CONDUIT, TYPE E 240 FEET

HIGH VOLTAGE TEST WAIVED

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

ITEM 625, LIGHT POLE (INSTALLATION ONLY), AS PER PLAN (CONVENTIONAL) (AT20B40)

LIGHT POLES AND BRACKET ARMS WILL BE AVAILABLE ON THIS PROJECT FOR PICKUP BY THE CONTRACTOR. THE CONTRACTOR SHALL CONTACT MATT SIMON AT 419-207-2881 TO OBTAIN THIS MATERIAL. THE CONTRACTOR SHALL MAKE ARRANGEMENTS TO PICK UP THE MATERIAL FROM ODOT'S MEDINA OUTPOST: 3220 MEDINA RD, MEDINA, OH 44265. ALL ITEMS SHALL BE INSTALLED PER ODOT'S STANDARDS AND SPECIFICATIONS.

THE CONTRACTOR SHALL PROVIDE ALL INCIDENTALS, LABOR, AND EQUIPMENT, SUCH AS TRUCKING AND PORTABLE POWER UNITS, NECESSARY TO INSTALL A COMPLETE AND PRACTICAL WORKING LIGHT TOWER. THE COST OF COORDINATING AND FURNISHING THESE INSTALLATION ITEMS SHALL BE INCLUDED IN THE UNIT COST BID PRICE.

ITEM 625, LIGHT POLE (INSTALLATION ONLY), AS PER PLAN (LIGHT TOWER BBBB45)

LIGHT TOWERS WILL BE AVAILABLE ON THIS PROJECT FOR PICKUP BY THE CONTRACTOR. THE CONTRACTOR SHALL CONTACT MATT SIMON AT 419-207-2881 TO OBTAIN THIS MATERIAL. THE CONTRACTOR SHALL MAKE ARRANGEMENTS TO PICK UP THE MATERIAL FROM ODOT'S MEDINA OUTPOST: 3220 MEDINA RD, MEDINA, OH 44265. ALL ITEMS SHALL BE INSTALLED PER ODOT'S STANDARDS AND SPECIFICATIONS.

THE CONTRACTOR SHALL PROVIDE ALL INCIDENTALS, LABOR, AND EQUIPMENT, SUCH AS TRUCKING AND PORTABLE POWER UNITS, NECESSARY TO INSTALL A COMPLETE AND PRACTICAL WORKING LIGHT TOWER. THE COST OF COORDINATING AND FURNISHING THESE INSTALLATION ITEMS SHALL BE INCLUDED IN THE UNIT COST BID PRICE.

ITEM 625, LIGHTING, MISC.: TEST EXISTING CIRCUIT

UPON COMPLETION OF THE MODIFICATIONS TO THE EXISTING LIGHTING CIRCUITS, THE CONTRACTOR SHALL TEST ALL EXISTING/MODIFIED CIRCUITS TO VERIFY THAT POWER IS SUPPLIED TO ALL LIGHT POLES, AND THAT NO CIRCUITS HAVE BEEN DAMAGED. REPRESENTATIVES OF ODOT, THE MAINTAINING AGENCY AND THE CONTRACTOR SHALL BE PRESENT FOR THE INSPECTION OF THESE CIRCUITS.

TESTING OF EXISTING CIRCUITS SHALL BE CHECKED AT EACH PROPOSED POWER SERVICE LOCATION THAT WILL SERVE ALL, OR PORTIONS OF EXISTING LIGHTING CIRCUITRY.

PAYMENT WILL BE MADE AT THE UNIT PRICE UNDER CMS ITEM 625, "LIGHTING, MISC.: TEST EXISTING CIRCUIT" FOR EACH INDICATED POWER SERVICE INSTALLATION WHICH SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS, AND INCIDENTALS REQUIRED TO COMPLETE THIS ITEM IN A SATISFACTORY AND WORKMANLINE MANNER.

THE FOLLOWING QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY:

ITEM 625, LIGHTING, MISC.: TEST EXISTING CIRCUIT 2 EACH

ITEM 625, ARC FLASH CALCULATIONS AND LABEL, (NORTHBOUND AND SOUTHBOUND IR-71 TRUCK PARKING LIGHTING CONTROL CENTERS)

FOR THE FOLLOWING LOCATIONS, PERFORM AND SUBMIT ARC FLASH HAZARD CALCULATIONS, PREPARE THE NECESSARY LABEL AND AFFIX THE LABEL TO THE ELECTRICAL DEVICE PER SS 825.

LOCATIONS:
 SOUTHBOUND CONTROL CENTER (CC) STA. 48+64.16, 29.20' LT.
 NORTHBOUND CONTROL CENTER (EX CC) STA. 42+8.64, 55.24' RT.

THE FOLLOWING QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY:

ITEM 625, ARC FLASH CALCULATIONS AND LABEL 2 EACH

ITEM 625, LIGHT TOWER REMOVED, AS PER PLAN

THE EXISTING LIGHT TOWERS THAT ARE REMOVED FROM THIS SITE FOR THE PLACEMENT OF FINAL PERMANENT LIGHTING SHALL BE SALVAGED AND DELIVERED TO ODOT DISTRICT 3 AT 906 CLARK AVENUE, ASHLAND, OHIO 44805, CHARLIE LAUGHREY, 419-207-7162. ALL ITEMS SHALL BE REMOVED AND DELIVERED PER ODOT'S STANDARDS AND SPECIFICATIONS.

ITEM 625, LIGHT POLE REMOVED, AS PER PLAN

THE EXISTING LIGHT POLES THAT ARE REMOVED FROM THIS SITE FOR THE PLACEMENT OF FINAL PERMANENT LIGHTING SHALL BE SALVAGED AND DELIVERED TO ODOT DISTRICT 3 AT 906 CLARK AVENUE, ASHLAND, OHIO 44805, CHARLIE LAUGHREY, 419-207-7162. ALL ITEMS SHALL BE REMOVED AND DELIVERED PER ODOT'S STANDARDS AND SPECIFICATIONS.

ITEM 625, LUMINAIRE REMOVED, AS PER PLAN

THE EXISTING LED LUMINAIRES THAT ARE REMOVED FROM THIS SITE FOR THE PLACEMENT OF FINAL PERMANENT LIGHTING SHALL BE SALVAGED AND DELIVERED TO ODOT DISTRICT 3 AT 906 CLARK AVENUE, ASHLAND, OHIO 44805, CHARLIE LAUGHREY, 419-207-7162. ALL ITEMS SHALL BE REMOVED AND DELIVERED PER ODOT'S STANDARDS AND SPECIFICATIONS.

DESIGN AGENCY



DESIGNER

MJB

REVIEWER

DKA 01-12-26

PROJECT ID

122872

SHEET

P.94

TOTAL

113

