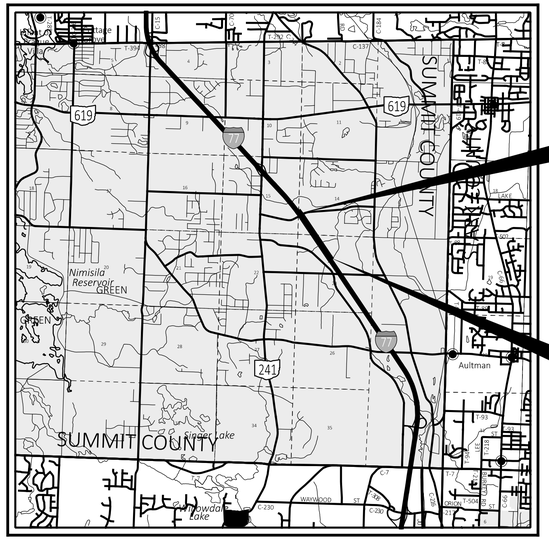
STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

SUM-IR-77-VACANT REST AREA TP

CITY OF GREEN

SUMMIT COUNTY



LOCATION MAP

LATITUDE: 40°57'02" LONGITUDE: -81°27'03"

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

DESIGN DESIGNATION

OPENING YEAR ADT (2027)	84,500
DESIGN YEAR ADT (2047)	97,500
DESIGN HOURLY VOLUME (2047)	9,800
DIRECTIONAL DISTRIBUTION	70%
TRUCKS (24 HOUR B&C)	8%
DESIGN SPEED	70 MPH
LEGAL SPEED	65 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	
01 INTERSTATE (URBAN)	
NHS PROJECT	YES

DESIGN EXCEPTIONS

DESIGN FEATURE	APPROVAL DATES	SHEET NUMBER
SHOULDER WIDTH		P.04, P.06, P.34

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:
STONE ENVIRONMENTAL, ENGINEERING & SCIENCE
614.865.1874 • STONEENVIRONMENTAL.COM

INDEX OF SHEETS:

FEDERAL PROJECT NUMBER

NON-FEDERAL

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

CONSTRUCTION OF TRUCKING PARKING AT I.R. 77 NORTHBOUND VACANT REST AREA IN SUMMIT COUNTY.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA:	7.60 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	0.25 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	7.85 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.

Arthur G. Noirot Jr., P.E.
District 04 Deputy Director

Pamela Boratyn
Director, Department of Transportation

STANDARD CONSTRUCTION DRAWINGS

BP-5.1	7/18/25	MGS-2.1	7/18/25	RM-4.2	7/18/25	MT-95.30	7/18/25	TC-41.10	7/19/13	800-2023	7/18/25
BP-9.1	1/18/19	MGS-3.1	7/18/25	RM-5.1	7/18/14	MT-95.45	7/21/23	TC-41.30	4/21/23	808	7/19/24
		MGS-5.3	7/15/16			MT-98.29	1/17/20	TC-42.10	10/18/13	813	7/21/23
						MT-99.20	4/19/19	TC-42.20	10/18/13	821	4/20/12
DM-1.1	1/17/25			HL-10.11	7/21/23	MT-99.30	1/17/20	TC-52.10	10/18/13	825	7/19/24
DM-1.2	1/17/25	HW-2.2	7/20/18	HL-10.12	7/21/23	MT-101.70	7/19/24	TC-52.20	1/15/21	832	7/18/25
DM-4.1	7/17/20			HL-10.13	1/20/23	MT-101.75	7/21/23	TC-65.10	1/17/14	908	1/17/25
DM-4.3	1/15/16			HL-10.31	7/18/25	MT-101.90	7/17/20	TC-65.11	1/17/25	913	4/16/21
DM-4.4	1/15/16			HL-20.11	7/18/25	MT-102.10	7/21/23	TC-72.20	7/18/25	921	7/19/24
				HL-20.21	7/18/25	MT-104.10	1/19/24	TC-73.20	1/17/25		
				HL-30.11	7/21/23	MT-105.10	1/17/20				
				HL-40.20	7/18/25						
				HL-60.11	7/21/17						
				HL-60.21	7/20/18						
				HL-60.31	7/19/24						

SUPPLEMENTAL SPECIFICATIONS

SPECIAL PROVISIONS

WATERWAY PERMITS 03/23/2026

ENGINEER'S SEAL	ENGINEER'S SEAL
ALL SHEETS EXCEPT LIGHTING	LIGHTING SHEETS
STATE OF OHIO · FRANCES RUBIO ROURKE · E-62976 · REGISTERED PROFESSIONAL ENGINEER	STATE OF OHIO · KEVIN RYAN · E-76915 · REGISTERED PROFESSIONAL ENGINEER

TITLE SHEET

DESIGN AGENCY: STONE ENVIRONMENTAL, ENGINEERING & SCIENCE
DESIGNER: FRR
REVIEWER: BAT 10/21/25
PROJECT ID: 122880
SHEET P.01 TOTAL 112

SUM-IR-77-VACANT REST AREA TP

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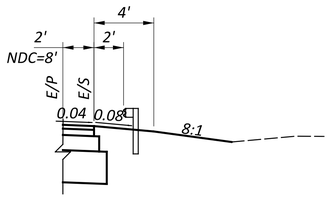
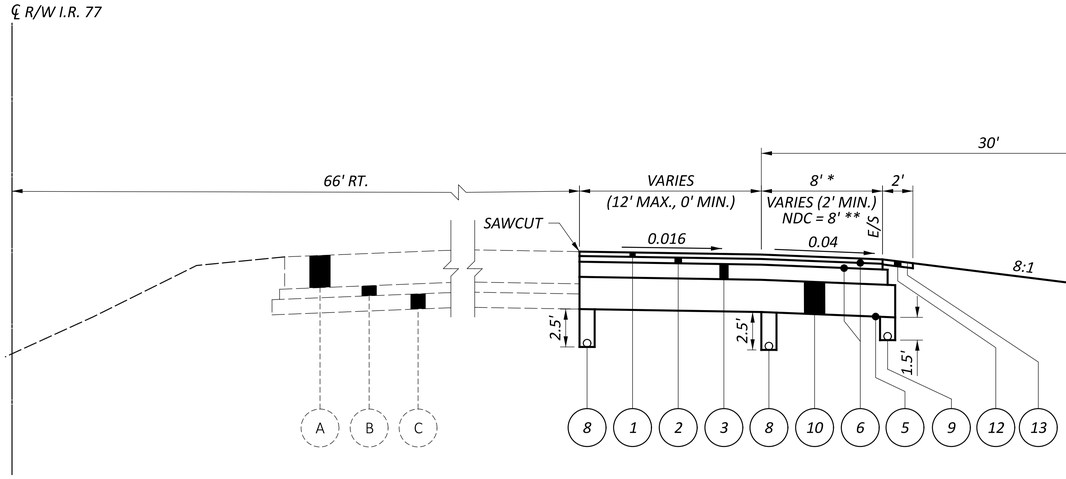


GUARDRAIL DETAIL - RAMP S
STA. 196+35.63 TO STA. 199+59.94, I.R. 77



I.R. 77 SPEED CHANGE LANE - RAMP S
* STA. 190+85.54 TO STA. 193+36.63
** STA. 193+36.36 TO STA. 203+35.55

NOTES

A GRADING FOR VEGETATED FILTER STRIP
STA. 172+40.51 TO STA. 176+24.37, ℄ RAMP R
STA. 10+00.00 TO STA. 10+12.60, ℄ TRUCK PARKING

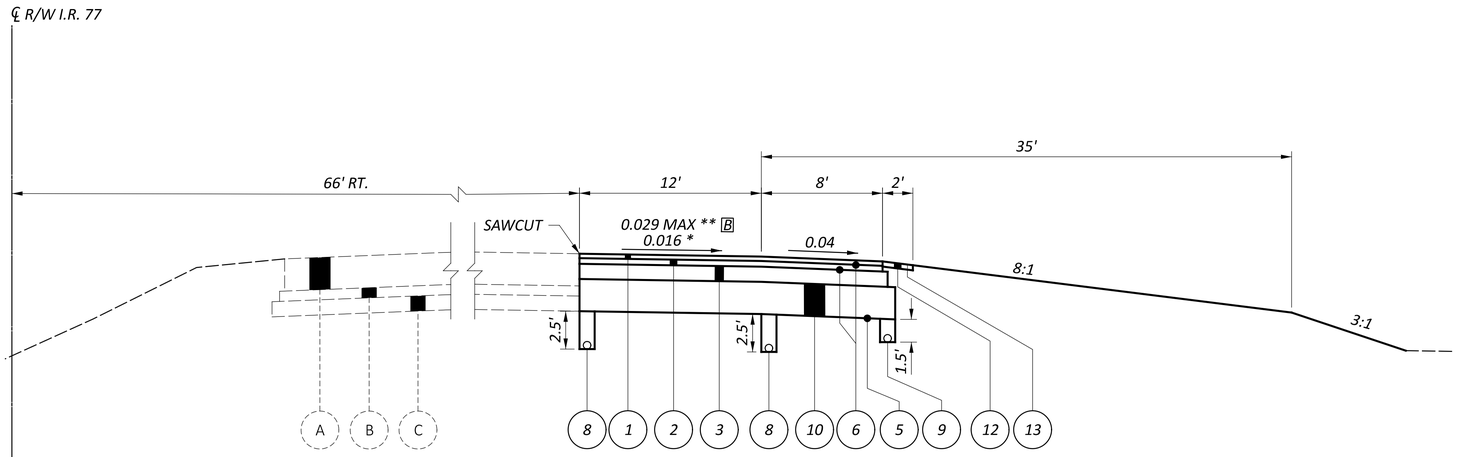
B SUPERELEVATION TRANSITION AREAS, RAMP R
0.016 TO 0.029, STA. 167+99.73 TO STA. 168+41.33, ℄ RAMP R
0.029 TO 0.016, STA. 173+45.97 TO STA. 173+79.47, ℄ RAMP R

C SUPERELEVATION TRANSITION AREAS, RAMP S
0.016 TO 0.051, STA. 182+68.53 TO STA. 183+58.69, ℄ RAMP S
0.051 TO 0.016, STA. 184+58.89 TO STA. 185+49.55, ℄ RAMP S

LEGEND

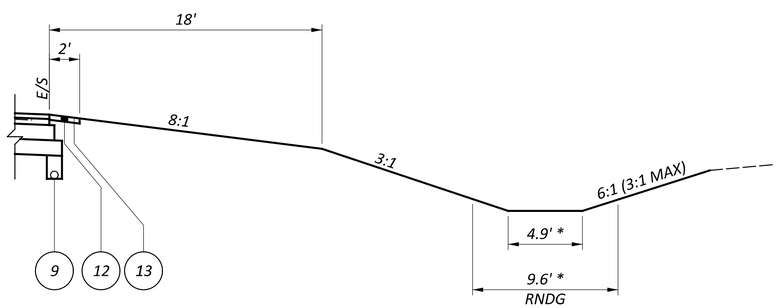
1. ITEM 442 - 1.5" ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A, (446)
2. ITEM 442 - 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A, (446)
3. ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22, (449)
4. ITEM 304 - 8" AGGREGATE BASE
5. ITEM 204 - SUBGRADE COMPACTION
6. ITEM 407 - NON-TRACKING TACK COAT
7. ITEM 609 - CURB, TYPE 7
8. ITEM 605 - 6" SHALLOW PIPE UNDERDRAINS
9. ITEM 605 - 6" BASE PIPE UNDERDRAINS
10. ITEM 304 - 12.75" AGGREGATE BASE
11. ITEM 452 - 8" NON-REINFORCED CONCRETE PAVEMENT
12. ITEM 617 - 2" COMPACTED AGGREGATE, AS PER PLAN
13. ITEM 408 - PRIME COAT, AS PER PLAN

A EXISTING 12 3/4"± ASPHALT CONCRETE
B EXISTING 4"± ASPHALT CONCRETE BASE
C EXISTING 6"± AGGREGATE BASE



I.R. 77 SPEED CHANGE LANE - RAMP R
* STA. 162+37.00 TO STA. 167+68.80
** STA. 167+68.80 TO STA. 168+10.40

SECTION REMOVED



DITCH SECTION
* STA. 186+54.33 TO STA. 189+08.63, I.R. 77

CURB CUT DETAIL REMOVED

TYPICAL SECTIONS

SUM-IR-77-VACANT REST AREA TP

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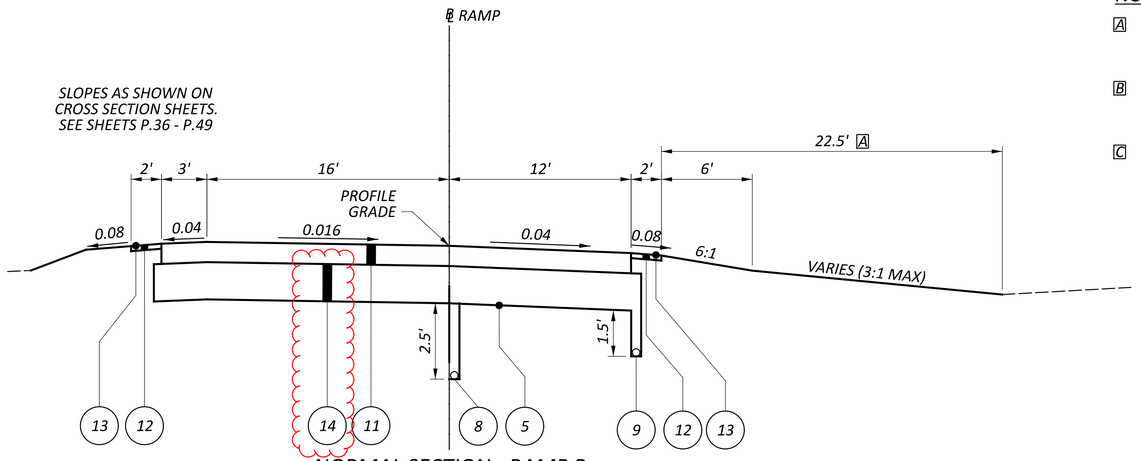
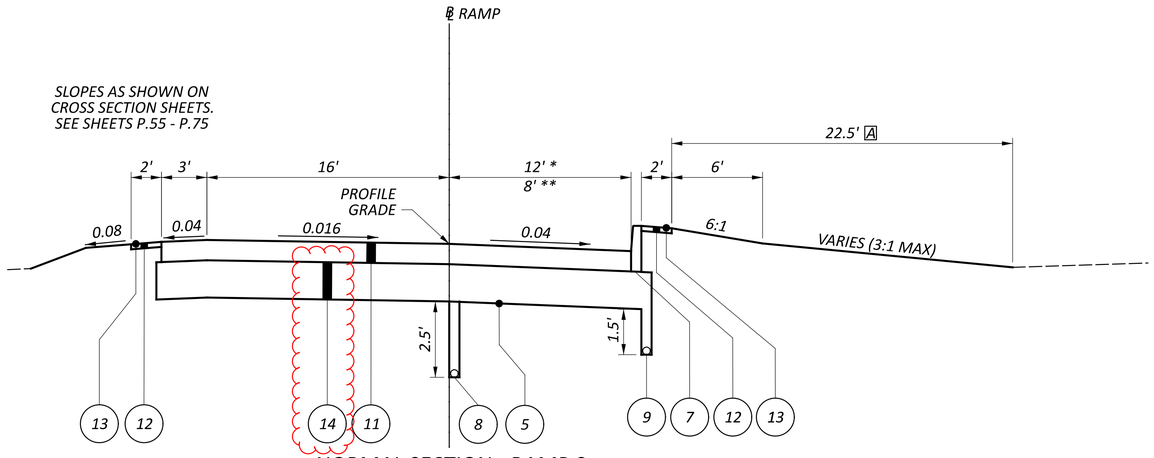
DESIGN AGENCY
STONE ENVIRONMENTAL, ENGINEERING & SCIENCE

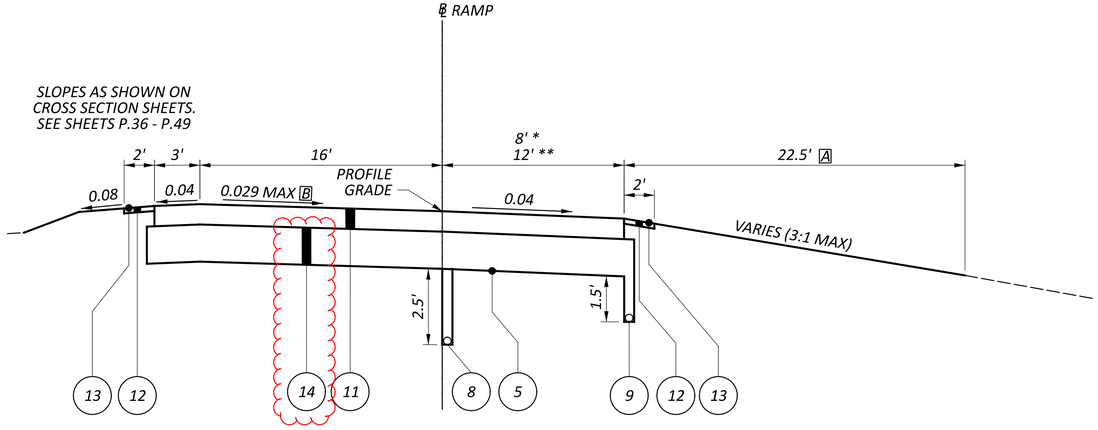
DESIGNER	FRR
REVIEWER	BAT 10/21/25
PROJECT ID	122880
SHEET	P.04
TOTAL	112



NORMAL SECTION - RAMP R
STA. 173+79.47 TO STA. 176+24.37

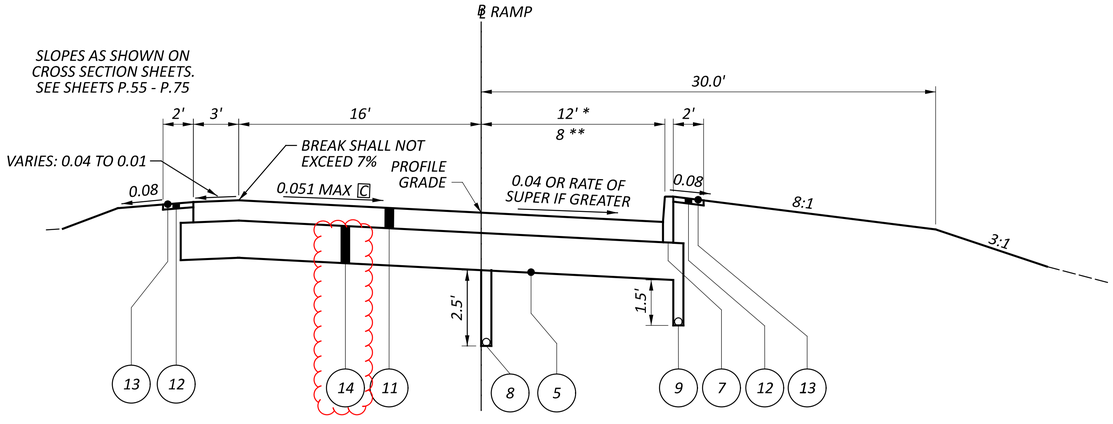


NORMAL SECTION - RAMP S
* STA. 180+92.98 TO STA. 182+68.53
** STA. 185+49.55 TO STA. 190+85.55



SUPERELEVATED SECTION (RIGHT) - RAMP R
* STA. 168+10.40 TO STA. 172+40.51
** STA. 172+40.51 TO STA. 173+79.47

BASE AND SUBBASE STEP DETAIL



SUPERELEVATED SECTION (RIGHT) - RAMP S
* STA. 182+68.53 TO STA. 185+03.18
** STA. 185+03.18 TO STA. 185+49.55

NOTES

A GRADING FOR VEGETATED FILTER STRIP
STA. 172+40.51 TO STA. 176+24.37, ℄ RAMP R
STA. 10+00.00 TO STA. 10+12.60, ℄ TRUCK PARKING

B SUPERELEVATION TRANSITION AREAS RAMP R
0.016 TO 0.029, STA. 167+99.73 TO STA. 168+41.33, ℄ RAMP R
0.029 TO 0.016, STA. 173+45.97 TO STA. 173+79.47, ℄ RAMP R

C SUPERELEVATION TRANSITION AREAS RAMP S
0.016 TO 0.051, STA. 182+68.53 TO STA. 183+58.69, ℄ RAMP S
0.051 TO 0.016, STA. 184+58.89 TO STA. 185+49.55, ℄ RAMP S

LEGEND

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12 ITEM 617 - 2" COMPACTED AGGREGATE, AS PER PLAN
13 ITEM 408 - PRIME COAT, AS PER PLAN
14 ITEM 304 - 14.75" AGGREGATE BASE

A EXISTING 12 3/4"± ASPHALT CONCRETE
B EXISTING 4"± ASPHALT CONCRETE BASE
C EXISTING 6"± AGGREGATE BASE

TYPICAL SECTIONS

SUM-IR-77-VACANT REST AREA TP

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DESIGN AGENCY
STONE ENVIRONMENTAL, ENGINEERING & SCIENCE
DESIGNER FRR
REVIEWER BAT 10/21/25
PROJECT ID 122880
SHEET P.05 TOTAL 112

SECTIONS REMOVED

LEGEND

1. ITEM 442 - 1.5" ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A, (446)
2. ITEM 442 - 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A, (446)
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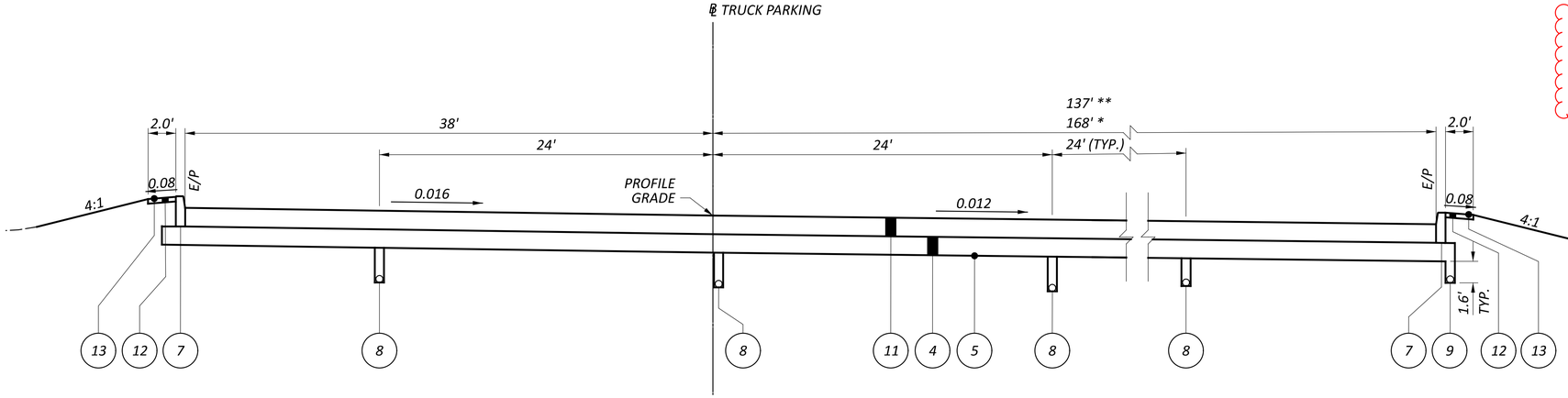
A. EXISTING 12 3/4"± ASPHALT CONCRETE

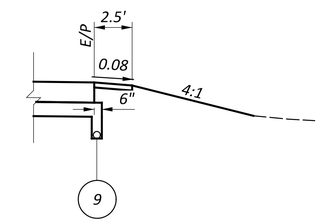
B. EXISTING 4"± ASPHALT CONCRETE BASE

C. EXISTING 6"± AGGREGATE BASE

DITCH SECTION REMOVED



PROPOSED TRUCK PARKING SECTION
** STA. 10+62.60 TO STA. 14+70.60*
*** STA. 14+70.60 TO STA. 14+84.97*



CURB CUT DETAIL
SEE SHEET P.31 FOR LOCATION

TYPICAL SECTIONS

SUM-IR-77-VACANT REST AREA TP

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DESIGN AGENCY
STONE ENVIRONMENTAL, ENGINEERING & SCIENCE

DESIGNER	FRR
REVIEWER	BAT 10/21/25
PROJECT ID	122880
SHEET	P.06
TOTAL	112

ITEM SPECIAL - AS-BUILT CONSTRUCTION PLANS

PRIOR TO FINAL ACCEPTANCE OF THE WORK, THE CONTRACTOR SHALL FURNISH THE DEPARTMENT FORMAL AS-BUILT CONSTRUCTION PLANS. THE FORMAL AS-BUILT CONSTRUCTION PLANS SHALL INCLUDE ALL RED-LINED CHANGES. RED-LINE CHANGE SHALL BE DENOTED UTILIZING CLOUDING IN MICROSTATION (OR OTHER CAD SOFTWARE) OR CLOUDING IN PDF EDITING SOFTWARE. THE AS-BUILT CONSTRUCTION PLANS SHALL HAVE A SIGNED VERIFICATION ON THE TITLE SHEET FROM THE CONTRACTOR INDICATING THAT ALL RED-LINED AND FIELD CHANGES HAVE BEEN INCORPORATED INTO AS-BUILT CONSTRUCTION PLANS.

THE CONTRACTORS VERIFICATION STATEMENT INDICATES ALL KNOWN FIELD MODIFICATIONS MADE HAVE BEEN INCLUDED IN THE FORMAL AS-BUILT CONSTRUCTION PLANS. THE CONTRACTORS VERIFICATION STATEMENT SHALL BE SIGNED BY THE CONTRACTORS PROJECT MANAGER (OR ACCEPTABLE REPRESENTATIVE).

IN ADDITION TO THE INFORMATION SHOWN ON THE CONSTRUCTION PLANS, THE AS-BUILT CONSTRUCTION PLANS SHALL SHOW THE FOLLOWING:

1. *ALL DEVIATIONS FROM THE ORIGINAL APPROVED CONSTRUCTION PLANS WHICH RESULT IN A CHANGE OF LOCATION, MATERIAL, TYPE OR SIZE OF WORK.*
2. *ANY UTILITIES, PIPES, WELLHEADS, ABANDONED PAVEMENTS, FOUNDATIONS OR OTHER MAJOR OBSTRUCTIONS DISCOVERED AND REMAINING IN PLACE WHICH ARE NOT SHOWN, OR DO NOT CONFORM TO LOCATIONS OR DEPTHS SHOWN IN THE PLANS. UNDERGROUND FEATURES SHALL BE SHOWN AND LABELED ON THE AS-BUILT CONSTRUCTION PLANS IN TERMS OF STATION, OFFSET AND ELEVATION.*
3. *THE FINAL OPTION AND SPECIFICATION NUMBER SELECTED FOR THOSE ITEMS WHICH ALLOW SEVERAL MATERIAL OPTIONS UNDER THE SPECIFICATION (E.G., CONDUIT).*
4. *CHANGES TO THE PAY ITEMS AND FINAL QUANTITIES AS PAID SHALL BE SHOWN ON THE GENERAL SUMMARY AND SUBSUMMARIES.*
5. *ADDITIONAL PLAN SHEETS MAY BE NEEDED IF NECESSARY TO SHOW WORK NOT INCLUDED IN THE CONSTRUCTION PLANS. IF ADDITIONAL PLAN SHEETS ARE NEEDED, THEY ARE REQUIRED TO BE PREPARED IN CONFORMANCE WITH THE LOCATION AND DESIGN MANUAL, VOLUME 3, SECTION 1200 - PLAN PREPARATION.*

NOTATION SHALL ALSO BE MADE OF LOCATIONS AND THE EXTENT OF USE OF MATERIALS, OTHER THAN SOIL, FOR EMBANKMENT CONSTRUCTION (ROCK, BROKEN CONCRETE WITHOUT REINFORCING STEEL, ETC.).

THE PLAN INDEX SHALL SHOW THE PLAN SHEETS WHICH HAVE CHANGES APPEARING ON THEM.

TWO COPIES OF THE AS-BUILT CONSTRUCTION PLANS SHALL BE DELIVERED TO THE PROJECT ENGINEER FOR APPROVAL UPON COMPLETION OF THE PHYSICAL WORK BUT PRIOR TO THE REQUEST FOR FINAL PAYMENT. AFTER THE DEPARTMENT HAS APPROVED THE AS-BUILT CONSTRUCTION PLANS, THE ASSOCIATED ELECTRONIC FILES SHALL BE DELIVERED TO THE DISTRICT CAPITAL PROGRAMS ADMINISTRATOR. ACCEPTANCE OF THESE PLANS AND DELIVERY OF THE ASSOCIATED ELECTRONIC FILES IS REQUIRED PRIOR TO THE WORK BEING ACCEPTED AND THE FINAL ESTIMATE APPROVED.

PAYMENT FOR ALL THE ABOVE SHALL BE LUMP SUM UPON PROPER EXECUTION OF ALL WORK OF THIS ITEM AS DETERMINED BY THE PROJECT ENGINEER.

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.

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.

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 617 - COMPACTED AGGREGATE, AS PER PLAN

IN LOW SHOULDER AREAS EXCEEDING 1", AND ADJACENT TO THE SAFETY EDGE, OR AS DIRECTED BY THE ENGINEER, RECYCLED ASPHALT PAVEMENT (RAP) SHALL BE USED IN AREAS ADJACENT TO THE PAVED BERM. THE RAP SHALL HAVE A MINIMUM PG CONTENT OF 4.5% AND MEET THE FOLLOWING GRADATION. ONCE THE STOCKPILE MEETS THE GRADATION, THE PG CONTENT OF THE RAP SHALL BE DETERMINED PER 441.03. THE RAP ANALYSIS MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL 2 WEEKS PRIOR TO USE. METHOD OF MEASUREMENT SHALL BE AS PER 617.06. PLACEMENT AND COMPACTION SHALL MEET THE REQUIREMENTS OF ITEM 617. ALL MATERIALS, LABOR, EQUIPMENT, TOOLS AND INCIDENTALS NECESSARY TO COMPLETE THE WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 617 COMPACTED AGGREGATE, AS PER PLAN.

MODIFIED GRADATION SHALL APPLY:

SIEVE	*TOTAL PERCENT PASSING*
1-1/2"	*100*
3/4"	*50-100*
NO. 4	*35-70*
NO. 30	*9-33*
NO. 200	*0-13*

ITEM 408 - PRIME COAT, AS PER PLAN

APPLY "MC-70" AT A RATE OF 0.4 GALLONS PER SQUARE YARD, OR AS DETERMINED BY THE ENGINEER, TO THE COMPLETED COMPACTED AGGREGATE SHOULDER.

AIRWAY/HIGHWAY CLEARANCE FOR AIRPORTS AND HELIPORTS

THIS PROJECT HAS BEEN IDENTIFIED AS BEING WITHIN THE INFLUENCE AREA OF A PUBLIC USE AIRPORT OR HELIPORT. NO TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT AT MAXIMUM OPERATING HEIGHT SHALL EXCEED A HEIGHT OF 134 FT. IF ANY TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT WILL EXCEED THIS HEIGHT, FURTHER COORDINATION WITH THE FEDERAL AVIATION ADMINISTRATION (FAA), AND ODOT OFFICE OF AVIATION, WILL BE NECESSARY PRIOR TO ERECTING SUCH TEMPORARY STRUCTURES OR OPERATING SUCH EQUIPMENT ON THE PROJECT. THE CONTRACTOR WILL BE REQUIRED TO SUBMIT FORM 7460-1 TO THE FAA. NOTIFY THE ODOT OFFICE OF AVIATION WHEN SUBMITTING FAA FORM 7460-1.

NO TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT SHALL EXCEED THE PERMISSIBLE HEIGHT, UNTIL A COPY OF THE FAA APPROVAL AND THE ODOT OFFICE OF AVIATION PERMIT HAS BEEN FURNISHED TO THE PROJECT ENGINEER.

FEDERAL AVIATION ADMINISTRATION
SOUTHWEST REGIONAL OFFICE
OBSTRUCTION EVALUATION GROUP
10101 HILLWOOD PARKWAY
FORT WORTH, TX 76177
FAX: (817) 222-5920
HTTP://CEAAA.FAA.GOV

OHIO DEPARTMENT OF TRANSPORTATION
OFFICE OF AVIATION
2829 WEST DUBLIN-GRANVILLE ROAD
COLUMBUS, OHIO 43235
OHIO.AIRPORT.PROTECTION@DOT.OHIO.GOV

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 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.

UNSTABLE OR UNSUITABLE SOILS FOR PAVEMENT STABILIZATION

THE FOLLOWING ITEMS AND QUANTITIES ARE TO BE USED AS DIRECTED BY THE ENGINEER TO ADDRESS UNSTABLE OR UNSUITABLE SOILS ENCOUNTERED IN THE AREAS OF PAVEMENT CONSTRUCTION:

ITEM 204 - EXCAVATION OF SUBGRADE,	*336 CY*
ITEM 204 - GRANULAR MATERIAL, TYPE B,	*336 CY*
ITEM 204 - GEOTEXTILE FABRIC,	*1,036 SY*

ITEM SPECIAL - BOLLARD

THIS ITEM INCLUDES THE CONSTRUCTION OF A PERMANENT STEEL BOLLARD IN ACCORDANCE WITH SCD RM-5.1.

PAYMENT FOR ALL LABOR, MATERIALS AND EQUIPMENT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR EACH ITEM SPECIAL - BOLLARD.

ITEM 646 - TRANSVERSE/DIAGONAL LINE, AS PER PLAN

WHERE ITEM 646 - TRANSVERSE/DIAGONAL LINE, AS PER PLAN IS SPECIFIED, FURNISH AND APPLY THE EPOXY PAVEMENT MARKING AS SPECIFIED IN THE CMS 646. HOWEVER, THE LINE WIDTH AS DESCRIBED IN 641.08.F, SHALL BE REVISED TO 4".

GENERAL NOTES

DESIGN AGENCY
STONE ENVIRONMENTAL, ENGINEERING & SCIENCE

DESIGNER
FRR

REVIEWER
BAT 10/21/25

PROJECT ID
122880

SHEET P.08 | TOTAL 112

SHEET NUM.													PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE
OFFICE CALCS			P.24		P.86	P.87		P.98	P.99				01/NFP		EXT	TOTAL			SHEET NO.
																		PAVEMENT	
256													256	301	56000	256	CY	ASPHALT CONCRETE BASE, PG64-22, (449)	
8,036			4										8,040	304	20000	8,040	CY	AGGREGATE BASE	
409													409	407	20000	409	GAL	NON-TRACKING TACK COAT	
573													573	408	10001	573	GAL	PRIME COAT, AS PER PLAN	P.08
155													155	442	10000	155	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446)	
258													258	442	10100	258	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446)	
16,438													16,438	452	12010	16,438	SY	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	
			27										27	452	12011	27	SY	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P, AS PER PLAN	P.08
2,422													2,422	609	28000	2,422	FT	CURB, TYPE 7	
450													450	617	10101	450	CY	COMPACTED AGGREGATE, AS PER PLAN	P.08
2,975													2,975	618	40100	2,975	FT	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)	
																		LIGHTING	
									26				26	625	00450	26	EACH	CONNECTION, FUSED PULL APART	
									18				18	625	00480	18	EACH	CONNECTION, UNFUSED PERMANENT	
									13				13	625	10503	13	EACH	LIGHT POLE (INSTALLATION ONLY), AS PER PLAN, CONVENTIONAL, AT20B40	P.98
									4				4	625	10503	4	EACH	LIGHT POLE (INSTALLATION ONLY), AS PER PLAN, HIGH MAST, BB45	P.98
									13				13	625	14100	13	EACH	LIGHT POLE FOUNDATION, 24" X 8' DEEP	
									4				4	625	15700	4	EACH	LIGHT TOWER FOUNDATION, MISC.: 36" X 8' DEEP	P.98
									438				438	625	23200	438	FT	NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE	
									2,340				2,340	625	23400	2,340	FT	NO. 10 AWG POLE AND BRACKET CABLE	
									4,495				4,495	625	24320	4,495	FT	1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 2400 VOLT CABLES	
									111				111	625	25500	111	FT	CONDUIT, 3", 725.04	
									13				13	625	26253	13	EACH	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN (IES-III, LED, 10,000-12,000 LUMENS)	P.98
									8				8	625	26263	8	EACH	LUMINAIRE, HIGH MAST, SOLID STATE (LED), AS PER PLAN (IES-III, LED, 39,000-48,500 LUMENS)	P.98
									4,406				4,406	625	29002	4,406	FT	TRENCH, 24" DEEP	
									5				5	625	30700	5	EACH	PULL BOX, 725.08, 18"	
									21				21	625	32000	21	EACH	GROUND ROD	
									1				1	625	34001	1	EACH	POWER SERVICE, AS PER PLAN	P.98
									4,406				4,406	625	36010	4,406	FT	UNDERGROUND WARNING/MARKING TAPE	
								1					1	625	76000	1	EACH	ARC FLASH CALCULATIONS AND LABEL(CC-'GR')	P.98
																		TRAFFIC CONTROL	
						228							228	621	00100	228	EACH	RPM	
						228							228	621	54000	228	EACH	RAISED PAVEMENT MARKER REMOVED	
			4										4	626	00110	4	EACH	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL	
					15.9								15.9	630	02100	15.9	FT	GROUND MOUNTED SUPPORT, NO. 2 POST	
					33.4								33.4	630	03100	33.4	FT	GROUND MOUNTED SUPPORT, NO. 3 POST	
					54.7								54.7	630	04100	54.7	FT	GROUND MOUNTED SUPPORT, NO. 4 POST	
					23.4								23.4	630	06400	23.4	FT	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, S4X7.7	
					102.8								102.8	630	07000	102.8	FT	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W8X18	
					144.4								144.4	630	07500	144.4	FT	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X22	
					3								3	630	08600	3	EACH	SIGN POST REFLECTOR	
					8								8	630	09000	8	EACH	BREAKAWAY STRUCTURAL BEAM CONNECTION	
					63.1								63.1	630	80100	63.1	SF	SIGN, FLAT SHEET	
					324								324	630	80200	324	SF	SIGN, GROUND MOUNTED EXTRUSHEET	
					8								8	630	84500	8	EACH	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION	
					3								3	630	85100	3	EACH	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	
						2.67							2.67	646	10010	2.67	MILE	EDGE LINE, 6"	
						2.38							2.38	646	10110	2.38	MILE	LANE LINE, 6"	
						2,855							2,855	646	10310	2,855	FT	CHANNELIZING LINE, 12"	
						511							511	646	10601	511	FT	TRANSVERSE/DIAGONAL LINE, AS PER PLAN	P.95
						86							86	646	10620	86	FT	CHEVRON MARKING	
						2,111							2,111	646	20200	2,111	FT	PARKING LOT STALL MARKING	
						1,544							1,544	646	20504	1,544	FT	DOTTED LINE, 6"	

OPTION A REMOVED

OPTION B REMOVED

GENERAL SUMMARY

SUM-IR-77-VACANT REST AREA TP

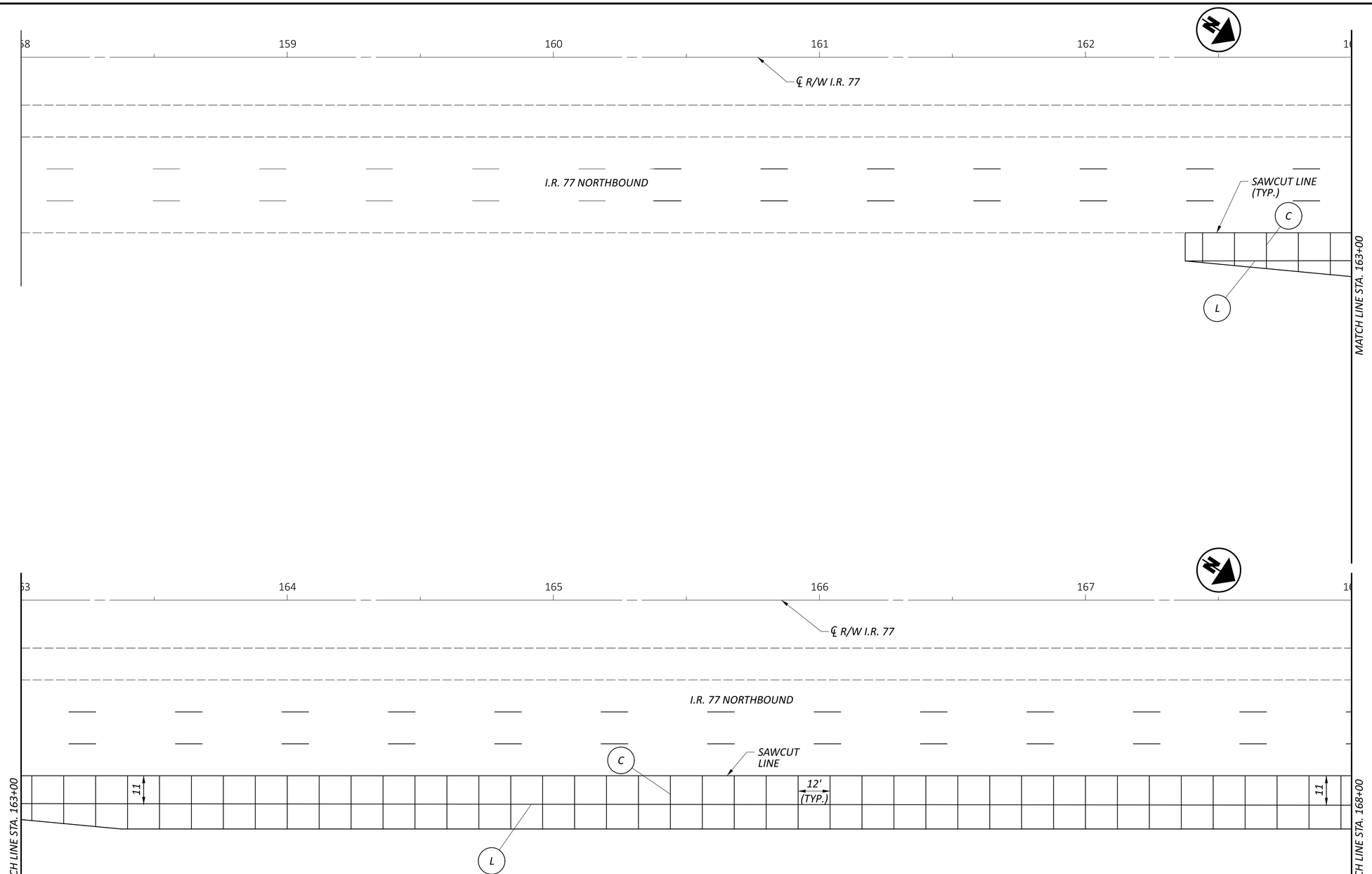
DESIGN AGENCY: STONE ENVIRONMENTAL, ENGINEERING & CONSULTING

DESIGNER: FRR

REVIEWER: BAT 10/21/25

PROJECT ID: 122880

SHEET P.22 | TOTAL 112



LEGEND

- (E) - EXPANSION JOINT AS PER BP-2.2
- (W) - EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS
- (L) - STANDARD LONGITUDINAL JOINT AS PER BP-2.1
- (S) - STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS
- (C) - CONTRACTION JOINT AS PER BP-2.2
- (Y) - BUTT JOINT BETWEEN EXISTING PAVEMENT AND PROPOSED PAVEMENT, A DOWELLED TYPE Y JOINT AS PER B.P-2.5 SHALL BE PROVIDED. GROUTING AND DRILLING REQUIREMENTS SHALL BE PER SPECIFICATION 255 AND BP-2.5 EXCEPT THE REQUIREMENT THAT THE DRILLING DEVICE SHALL BE CAPABLE OF DRILLING THREE HOLES AT ONE TIME SHALL BE WAIVED.

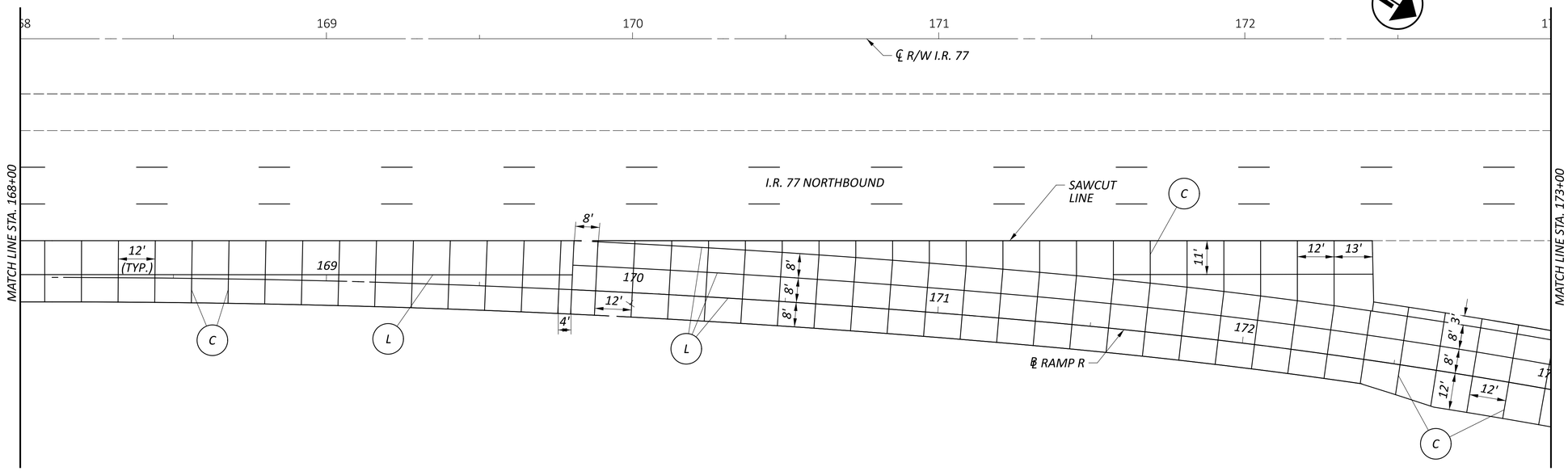
HORIZONTAL SCALE IN FEET
0 25 50 100

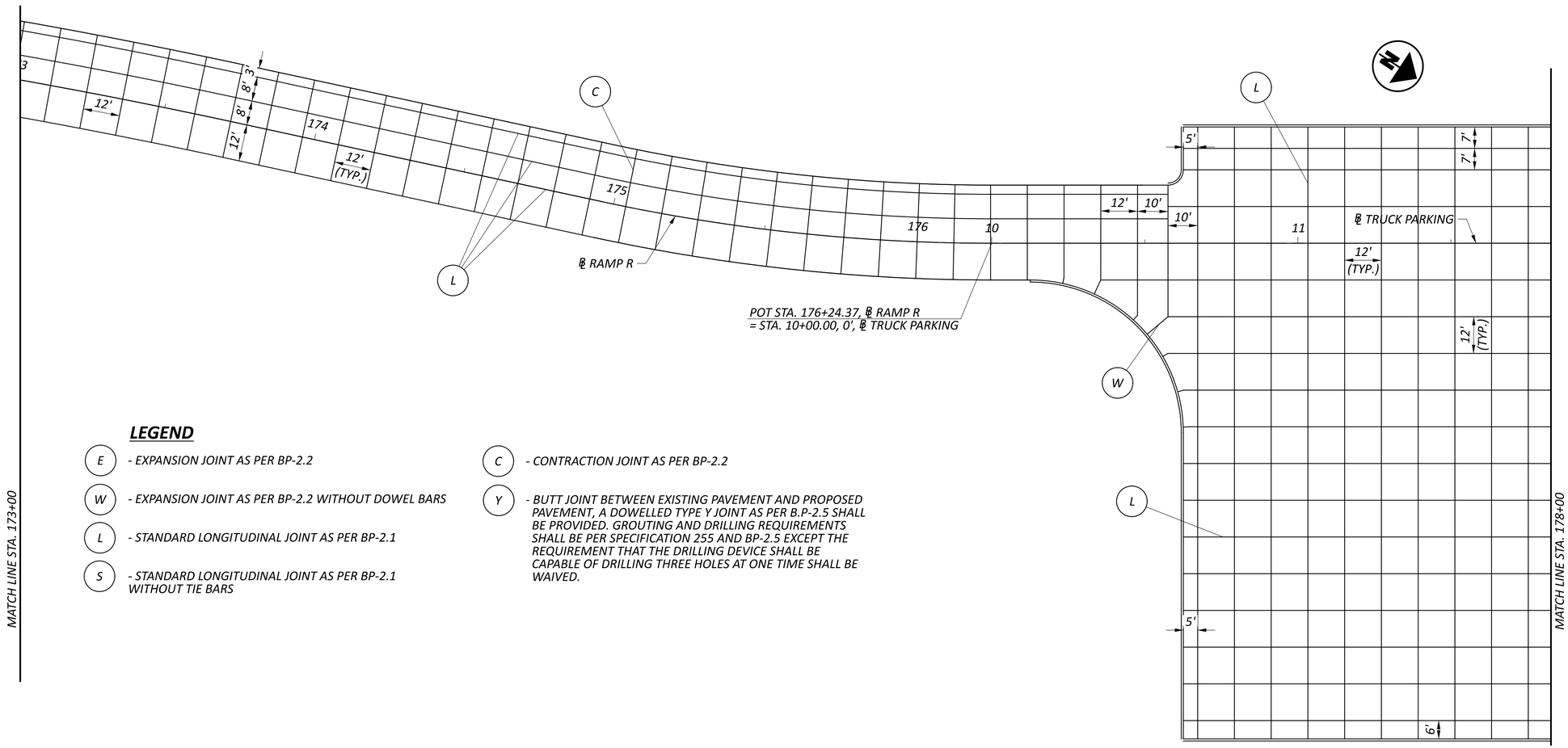
PAVEMENT JOINT DETAIL
STA. 158+00 TO STA. 168+00

DESIGN AGENCY
STONE ENVIRONMENTAL, ENGINEERING & SCIENCE

DESIGNER	BAV
REVIEWER	BAT 10/21/25
PROJECT ID	122880
SHEET	P.80
TOTAL	112

SUM-IR-77-VACANT REST AREA TP





LEGEND

- (E) - EXPANSION JOINT AS PER BP-2.2
- (W) - EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS
- (L) - STANDARD LONGITUDINAL JOINT AS PER BP-2.1
- (S) - STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS
- (C) - CONTRACTION JOINT AS PER BP-2.2
- (Y) - BUTT JOINT BETWEEN EXISTING PAVEMENT AND PROPOSED PAVEMENT, A DOWELLED TYPE Y JOINT AS PER B.P-2.5 SHALL BE PROVIDED. GROUTING AND DRILLING REQUIREMENTS SHALL BE PER SPECIFICATION 255 AND BP-2.5 EXCEPT THE REQUIREMENT THAT THE DRILLING DEVICE SHALL BE CAPABLE OF DRILLING THREE HOLES AT ONE TIME SHALL BE WAIVED.

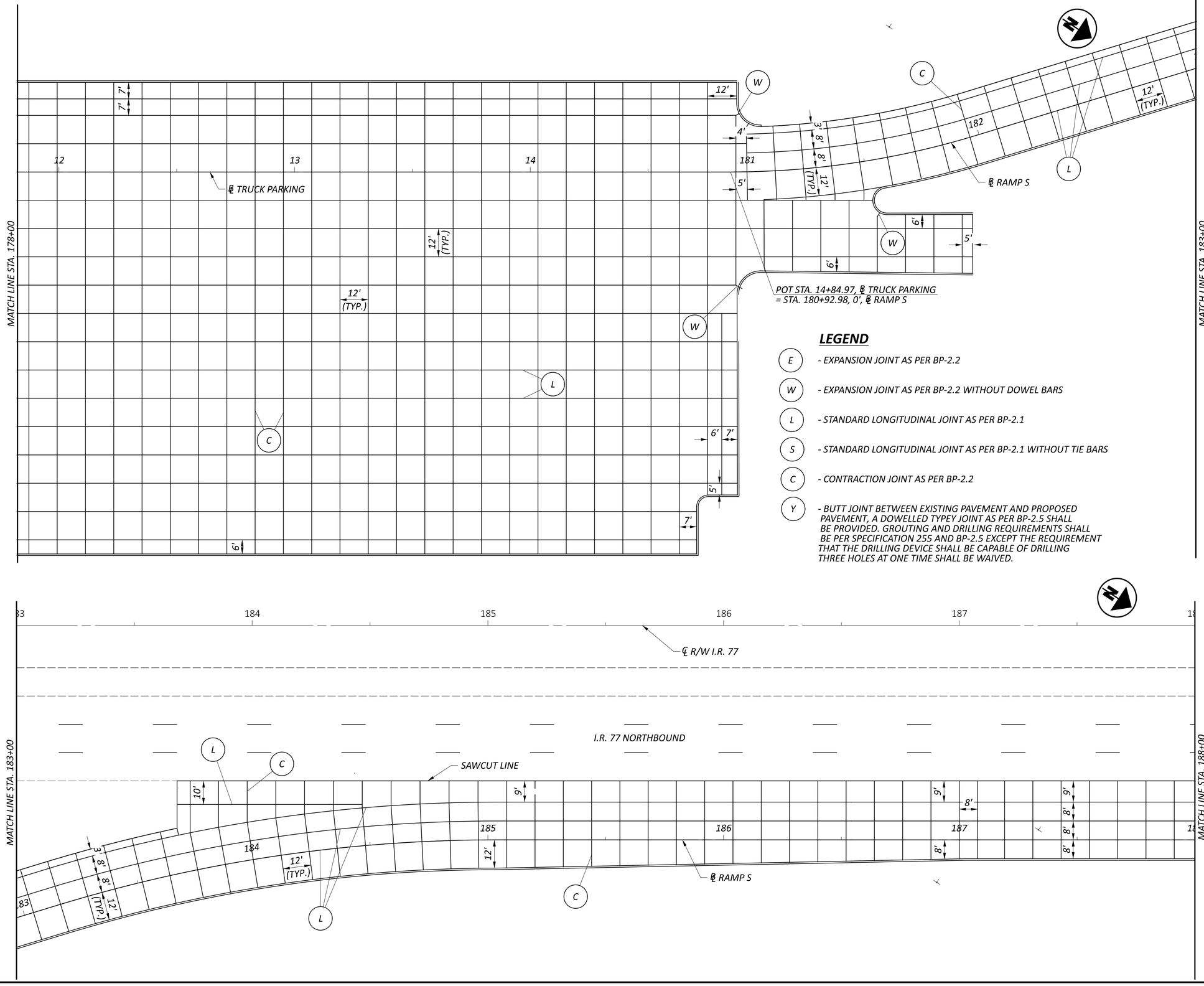
HORIZONTAL SCALE IN FEET
0 25 50 100

PAVEMENT JOINT DETAIL
STA. 168+00 TO STA. 178+00

DESIGN AGENCY
STONE ENVIRONMENTAL, ENGINEERING & SCIENCE

DESIGNER	BAV
REVIEWER	BAT 10/21/25
PROJECT ID	122880
SHEET	P.81
TOTAL	112

SUM-IR-77-VACANT REST AREA TP



LEGEND

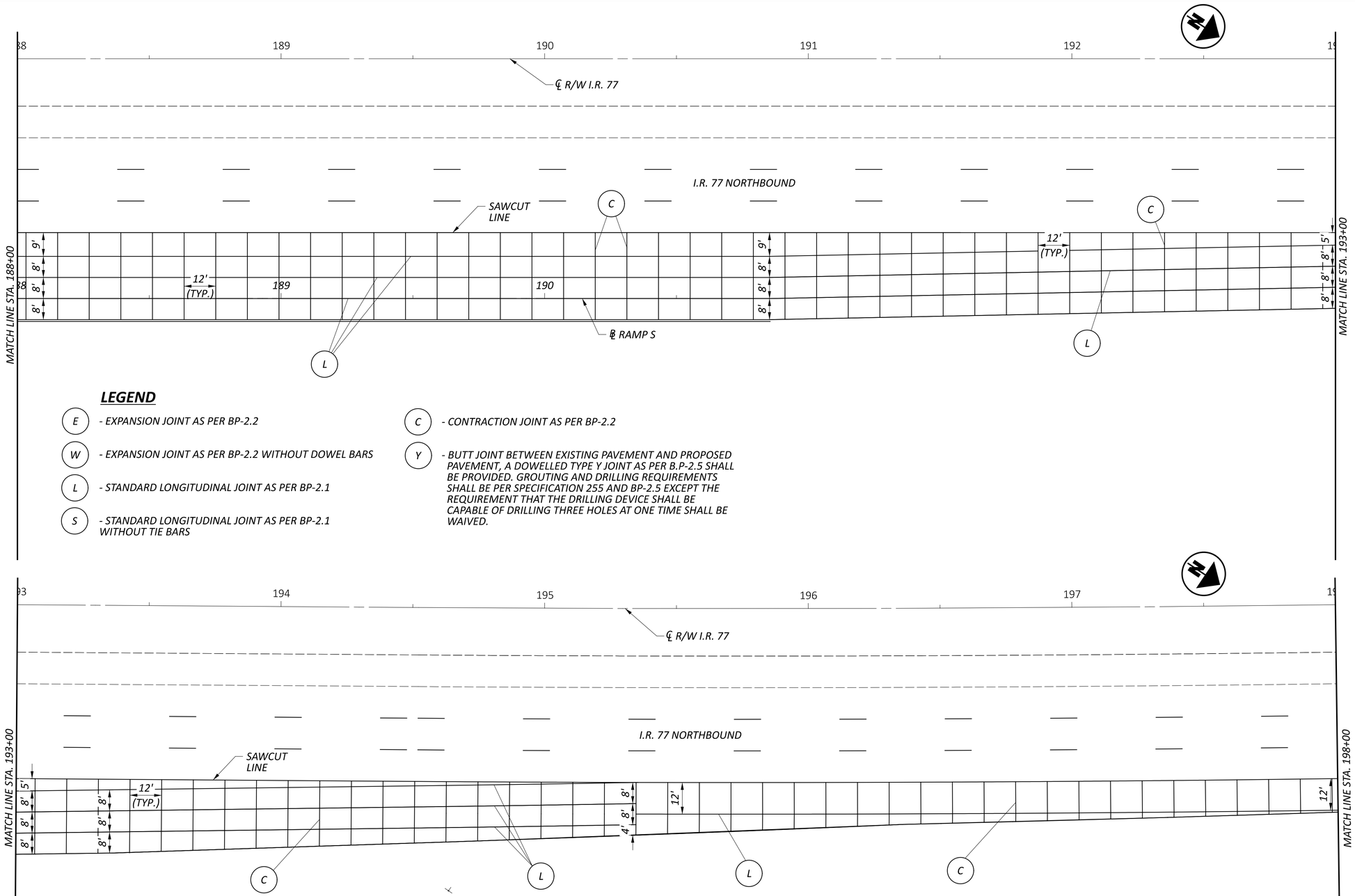
- (E) - EXPANSION JOINT AS PER BP-2.2
- (W) - EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS
- (L) - STANDARD LONGITUDINAL JOINT AS PER BP-2.1
- (S) - STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS
- (C) - CONTRACTION JOINT AS PER BP-2.2
- (Y) - BUTT JOINT BETWEEN EXISTING PAVEMENT AND PROPOSED PAVEMENT, A DOWELLED TYPEY JOINT AS PER BP-2.5 SHALL BE PROVIDED. GROUTING AND DRILLING REQUIREMENTS SHALL BE PER SPECIFICATION 255 AND BP-2.5 EXCEPT THE REQUIREMENT THAT THE DRILLING DEVICE SHALL BE CAPABLE OF DRILLING THREE HOLES AT ONE TIME SHALL BE WAIVED.

HORIZONTAL SCALE IN FEET
0 25 50 100

PAVEMENT JOINT DETAIL
STA. 178+00 TO STA. 188+00

DESIGN AGENCY
STONE ENVIRONMENTAL, ENGINEERING & SCIENCE

DESIGNER	BAV
REVIEWER	BAT 10/21/25
PROJECT ID	122880
SHEET	P.82
TOTAL	112



HORIZONTAL SCALE IN FEET
0 25 50 100

PAVEMENT JOINT DETAIL
STA. 188+00 TO STA. 198+00

DESIGN AGENCY
STONE ENVIRONMENTAL, ENGINEERING & SCIENCE

DESIGNER	BAV
REVIEWER	BAT 10/21/25
PROJECT ID	122880
SHEET	P.83
TOTAL	112

SUM-IR-77-VACANT REST AREA TP

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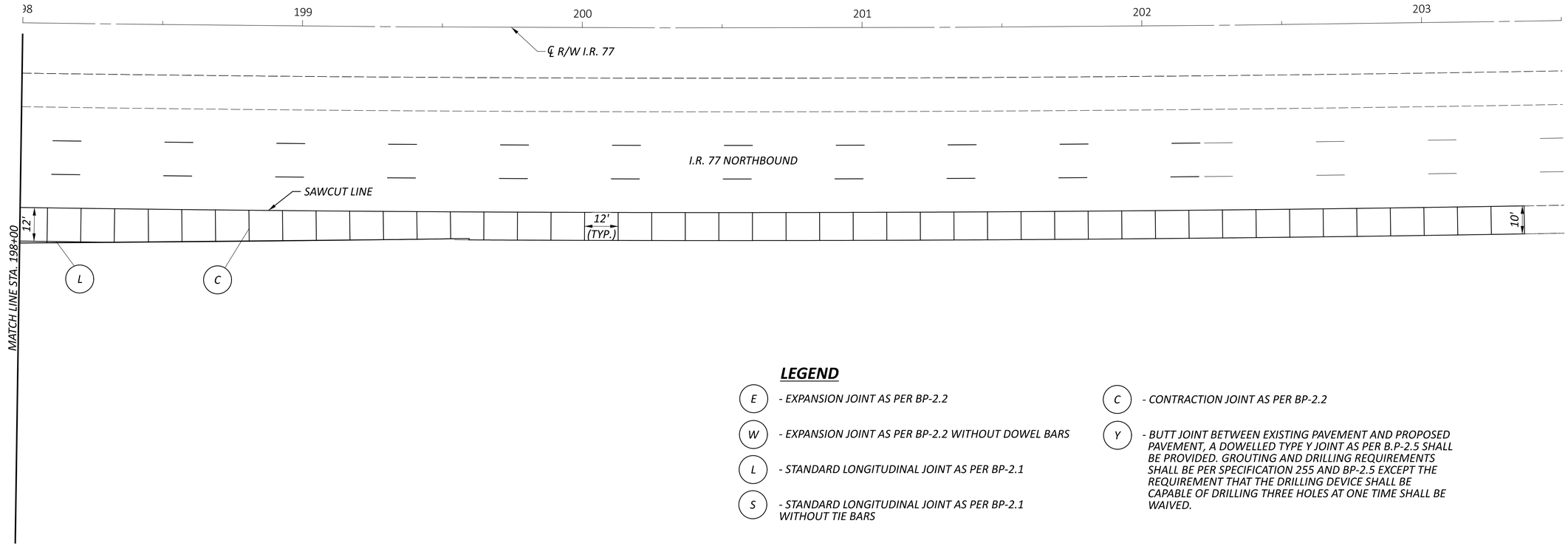

LEGEND

- (E) - EXPANSION JOINT AS PER BP-2.2
- (W) - EXPANSION JOINT AS PER BP-2.2 WITHOUT DOWEL BARS
- (L) - STANDARD LONGITUDINAL JOINT AS PER BP-2.1
- (S) - STANDARD LONGITUDINAL JOINT AS PER BP-2.1 WITHOUT TIE BARS
- (C) - CONTRACTION JOINT AS PER BP-2.2
- (Y) - BUTT JOINT BETWEEN EXISTING PAVEMENT AND PROPOSED PAVEMENT, A DOWELLED TYPE Y JOINT AS PER B.P-2.5 SHALL BE PROVIDED. GROUTING AND DRILLING REQUIREMENTS SHALL BE PER SPECIFICATION 255 AND BP-2.5 EXCEPT THE REQUIREMENT THAT THE DRILLING DEVICE SHALL BE CAPABLE OF DRILLING THREE HOLES AT ONE TIME SHALL BE WAIVED.

HORIZONTAL SCALE IN FEET
0 25 50 100

PAVEMENT JOINT DETAIL
STA. 198+00 TO STA. 203+00

DESIGN AGENCY
STONE ENVIRONMENTAL, ENGINEERING & SCIENCE

DESIGNER BAV
REVIEWER BAT 10/21/25
PROJECT ID 122880
SHEET P.84 TOTAL 112

SUM-IR-77-VACANT REST AREA TP

MODEL: CLX_RW_I077 - Plan 19 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 3/25/2026 TIME: 12:58:04 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: KendallGindling@stoneenvironmental.com WORKSPACE: OHDOTCEv02 WORKSET: 122880 PRODUCT: OpenRoadsDesigner 24.00.00.205
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REF NO.	SHEET NO.	STATION TO STATION				621 RAISED PAVEMENT MARKER REMOVED EACH		621 RPM (1-WAY WHITE) EACH	621 RPM (2-WAY WHITE/RED) EACH	621 RPM (2-WAY YELLOW/RED) EACH			646 EDGE LINE, 6" (YELLOW) MILE	646 EDGE LINE, 6" (WHITE) MILE				646 LANE LINE, 6" MILE			646 CHANNELIZING LINE, 12" FT	646 PARKING LOT STALL MARKING FT		646 CHEVRON MARKING FT	646 TRANSVERSE/DIAGONAL LINE, AS PER PLAN FT	646 DOTTED LINE, 6" FT
		I.R.-77																								
EY-1	P.88-P.94	147+62.00	TO	210+28.00									1.19													
LL-1	P.88-P.94	147+62.00	TO	210+28.00		54		54										1.19								
LL-2	P.88-P.94	147+62.00	TO	210+28.00		54		54										1.19								
CH-1	P.91	169+81.00	TO	172+42.00		8			8												261					
CH-3	P.92-P.93	183+68.00	TO	195+36.00		31			31												1168					
CH-5	P.93	190+86.00		195+36.00		13			13												450					
EW-1	P.88-P.91	147+62.00	TO	168+10.00										0.39												
EW-3	P.91-P.92	172+42.00	TO	183+68.00										0.22												
EW-5	P.92-P.94	190+86.00	TO	210+28.00										0.37												
DL-1	P.90-P.91	162+37.00	TO	169+81.00		14			14																	744
DL-2	P.93-P.94	195+36.00	TO	203+36.00		15			15																	800
		RAMP R																								
EW-2	P.91	168+10.00	TO	176+24.00										0.16												
CH-2	P.91	169+80.00	TO	172+41.00		8			8												261					
CV-1	P.91	169+80.00	TO	172+41.00																				86		
EY-2	P.91	172+41.00	TO	10+63.00	**	7				7			0.08													
		TRUCK PARKING																								
PS-1	P.95	10+80.00	TO	14+71.00																		2111				
TW-1	P.95	181+07.00	* TO	181+89.00	*																				511	
EW-6	P.95	181+07.00	*											0.01												
EW-7	P.95	181+07.00	* TO	181+57.00	*									0.01												
		RAMP S																								
EW-4	P.92-P.93	181+07.00	TO	190+86.00										0.19												
EY-3	P.92	181+07.00	TO	183+71.00		5				5			0.05													
CH-4	P.92-P.93	183+71.00	TO	190+86.00		19			19												715					
SUBTOTALS						228		108	108	12			1.32	1.35				2.38			2855	2111		86	511	1544
TOTALS CARRIED TO GENERAL SUMMARY						228		228					2.67					2.38			2855	2111		86	511	1544

** STATION BASED ON ℄ R/W I.R. 77*

*** STATION BASED ON ℄ TRUCK PARKING*

PAVEMENT MARKINGS SUBSUMMARY

SUM-IR-77-VACANT REST AREA TP

DESIGN AGENCY: STONE ENVIRONMENTAL, ENGINEERING & SCIENCE

DESIGNER: FRR

REVIEWER: BAT 10/21/25

PROJECT ID: 122880

SHEET: P.87 TOTAL: 112

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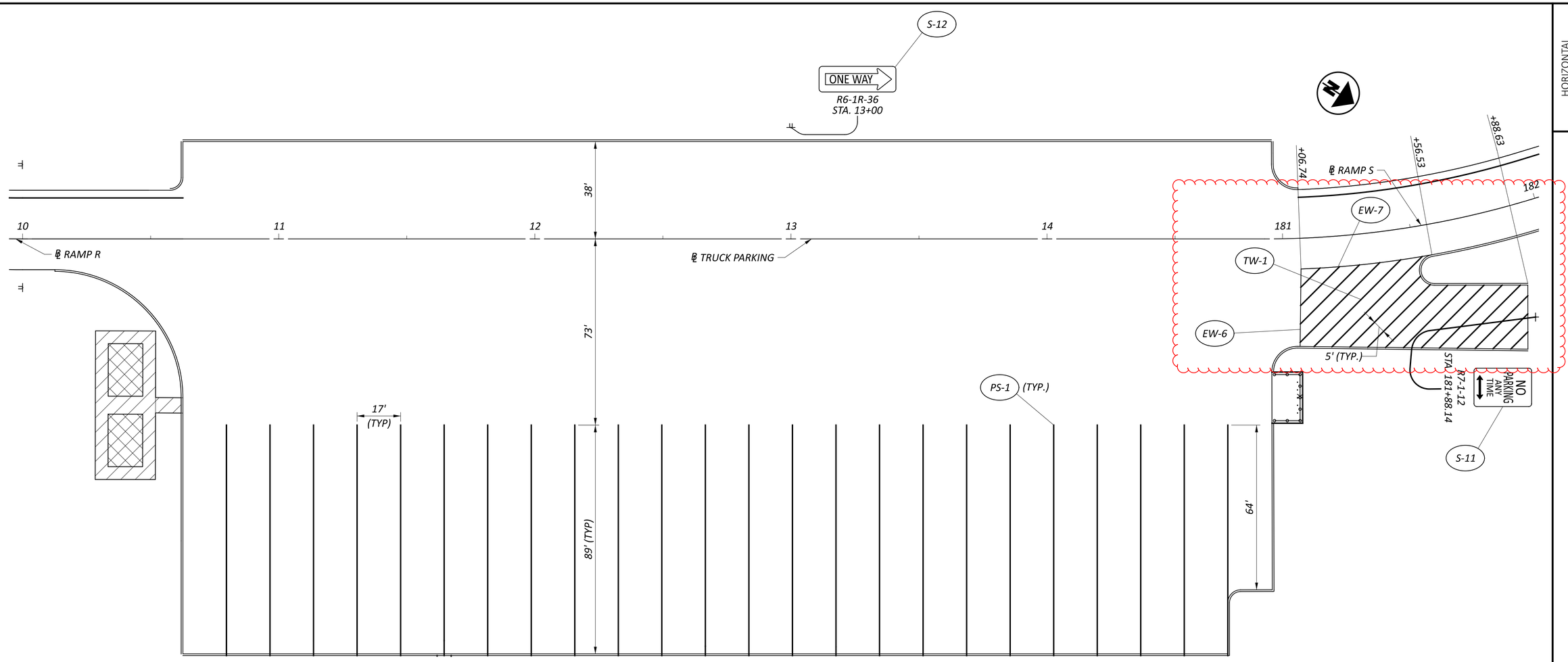


PARKING LOT LEGEND

- (PS-#) - *PARKING LOT STALL MARKING*
- (TW-#) - *TRANSVERSE/DIAGONAL LINE (WHITE)*
- (EW-#) - *EDGE LINE, 6" (WHITE)*

HORIZONTAL SCALE IN FEET
0 10 20 40

TRAFFIC CONTROL PLAN
TRUCK PARKING

SUM-IR-77-VACANT REST AREA TP

MODEL: CLP_1 - Traffic Control Parking Lot [Sheet] PAPERSIZE: 34x22 (in.) DATE: 3/17/2026 TIME: 4:41:10 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: KendallGindling@stoneenvironmental.com WORKSPACE: OHDOTCEv02 WORKSET: 122880 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 04\Summit\122880\d02-Engineering_StoneEnvironmental\Traffic\Sheets\122880_TP202.dgn

DESIGN AGENCY
STONE ENVIRONMENTAL, ENGINEERING & SCIENCE

DESIGNER	BAV
REVIEWER	BAT 10/21/25
PROJECT ID	122880
SHEET	P.95
TOTAL	112

UNDERGROUND UTILITIES

THE LOCATIONS OF THE UNDERGROUND UTILIITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS OF THE UTILITY AS REQUIRED BY SECTION 153.64 ORC. AT LEAST 48 HOURS BEFORE DIGGING, THE CONTRACTOR SHALL CALL THE OHIO UTILITIES PROTECTION SERVICE, TOLL-FREE, 800-362-2764. NON-MEMBER UTILITY COMPANIES MUST BE CALLED DIRECTLY. SEE SHEET P.07 FOR ADDITIONAL UTILITY INFORMATION.

CONTINGENCY QUANTITIES

THE CONTRACTOR SHALL NOT ORDER MATERIAL OR PERFORM WORK FOR PLAN ITEMS SET UP TO BE USED "AS DIRECTED BY THE ENGINEER" UNLESS AUTHORIZED BY THE ENGINEER.

ITEM 625, TRENCH, 24" DEEP

TRENCH SHALL BE AS PER 625.13. IN ADDITION, ALL TRENCHING IN PAVED AREAS AND AREAS TO BE PAVED SHALL BE PERFORMED PRIOR TO THE PLACEMENT OF PAVEMENT.

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.

ITEM 625, POWER SERVICE, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF THE SPECIFICATIONS, THE FOLLOWING SHALL APPLY.

THE POWER SUPPLYING AGENCY FOR THIS PROJECT IS:

POWER COMPANY: OHIO EDISON - (USIC)
ADDRESS: 6326 LAKE AVENUE, ELYRIA, OH 44035
PHONE #: 440-653-1931 (CELL)
EMAIL: JHEURING@FIRSTENERGYCORP.COM
CC: JMZASSICK@FIRSTENERGYCORP.COM

POWER SERVICE: 480 VOLT, 3-WIRE, SINGLE PHASE, GROUNDED NEUTRAL. THIS PROJECT HAS BEEN DESIGNED ON THE BASES OF 5% VOLTAGE DROP WITH A MAXIMUM UNIFORMITY RATIO OF 4.0 TO 1.0 FOR CONVENTIONAL UNITS AND 3.0 TO 1.0 FOR HIGH MAST UNITS.

ALL GOUND MOUNTED POWER SERVICES SHALL BE METERED. THE METER BASE MOUNTING HEIGHT SHALL BE NO MORE THAN FIVE (5) FEET HIGH TO THE CENTER OF THE METER BASE FROM THE GROUND. THE POWER SERVICE SHALL BE BUILT PER SCD HL-40.20. A NON-FUSED DISCONNECT SHALL BE INSTALLED ON THE POWER SIDE OF THE METER BASE. THE CONTRACTOR SHALL SUPPLY THE NECESSARY METER BASES AND DISCONNECT SWITCHES.

THE CONTRACTOR SHALL PAY ALL ELECTRICAL ENERGY CHARGES FOR NEW POWER SERVICES ESTABLISHED BY THIS PROJCET. UPON COMPLETION OF THIS PROJECT AND AFTER WRITTEN AUTHORIZATION FROM THE DISTRICT CONSTRUCTION ENGINEER, POWER SERVICE ELECTRICAL ENERGY ACCOUNTS SHALL BE TRANSFERRED TO THE MAINTAINING AGENCY. IF POWER SERVICE IS TRANSFERRED PRIOR TO RECEIVING THE WRITTEN AUTHORIZATION, A DISINCENTIVE OF $100 PER DAY SHALL BE ASSESSED FOR EACH CALENDAR DAY OF NON-COMPLIANCE.

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.

ITEM 625, ARC FLASH CALCULATIONS AND LABEL, (BY LOCATION)

THE CONTRACTOR SHALL SATISFY THE REQUIREMENTS OF ODOT SUPPLEMENTAL SPECIFICATION 825 FOR EACH OF THE NEW LIGHTING CONTROL CENTERS INDICATED IN THE PLANS.

THE CONTRACTOR MAY BE ABLE TO OBTAIN LABELS FOR ODOT MAINTAINED INSTALLATIONS FROM THE ODOT SIGN SHOP, 1606 WEST BROAD STREET, COLUMBUS, OH 43223. FOR NON-ODOT MAINTAINED INSTALLATIONS, THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE LABEL, MADE FROM "ENGINEER GRADE" SIGN SHEETING OR AN EQUIVALENT COMMERCIAL LABEL MATERIAL.

THE ODOT OFFICE OF ROADWAY ENGINEERING HAS AN EXCEL SPREADSHEET, AVAILABLE UPON REQUEST, TO ASSIST WITH MAKING AND DOCUMENTING THE REQUIRED CALCULATIONS.

METHOD OF MEASUREMENT SHALL BE PER 825.06.

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

ARC FLASH CALCULATIONS AND LABEL (CC-'GR') *1 EACH*

ITEM 625, LIGHT POLE (INSTALLATION ONLY), AS PER PLAN, CONVENTIONAL, AT20B40
ITEM 625, LIGHT POLE (INSTALLATION ONLY), AS PER PLAN, HIGH MAST, BB45

LIGHT TOWERS, LIGHT POLES, AND BRACKET ARMS WILL BE AVAILABLE ON THIS PROJECT FOR PICKUP BY THE CONTRACTOR. THE CONTRACTOR SHALL CONTACT GLEN HILLEGAS AT 330-271-0670 TO OBTAIN THIS MATERIAL. THE CONTRACTOR SHALL MAKE ARRANGEMENTS TO PICK UP THE MATERIAL FROM ODOT'S DISTRICT 4 OUTPOST, 1240 STARLIGHT DR., AKRON, OH 44306. PICKUP SHALL BE BETWEEN THE HOURS OF 8:00AM AND 2:00PM, AND ARRANGEMENTS SHALL BE MADE 3 WORKING DAYS IN ADVANCE. 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 TOWER FOUNDATION, MISC.: 36" X 8' DEEP

FOR THE 45-FOOT TALL HIGH-MAST LIGHT TOWERS, AT ALL LOCATIONS, PERFORM DRILLED SHAFT FOUNDATION EXCAVATION AND CONSTRUCTION IN ACCORDANCE WITH C&MS 524. PREDOMINANTLY COHESIVE SOILS WERE ENCOUNTERED IN ALL THE NEARBY PROJECT SOIL BORINGS (B-005-25 THROUGH B-008-0-25) ALONG THE LENGTH OF THE DRILLED SHAFTS, SO FOUNDATION EXCAVATION BY THE DRY CONSTRUCTION METHOD, IN ACCORDANCE WITH C&MS 524.04.A, MAY BE ANTICIPATED. SEE THE ATTACHED SOIL BORINGS FOR SPECIFIC DETAILS. AT ALL LIGHT TOWER LOCATIONS, THE DRILLED SHAFTS SHALL BE 36-INCH DIAMETER AND PENETRATE 8 FEET DEEP INTO THE GROUND BELOW FINISHED GRADE (EXCLUSIVE OF ANY ABOVE-GRADE PEDESTAL HEIGHT FOR MOUNTING). STEEL REINFORCEMENT FOR THE DRILLED SHAFT FOUNDATIONS SHALL BE IN ACCORDANCE WITH STANDARD CONSTRUCTION DRAWING HL-20.21.

ITEM 625, LUMINAIRE, HIGH MAST, SOLID STATE (LED), IES-III, LED, 39,000-48,500 LUMENS, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF ODOT'S CONSTRUCTION AND MATERIALS SPECIFICATIONS AND SUPPLEMENTAL SPECIFICATION 813 AND 913, LUMINAIRES FOR HIGH MAST LIGHTING SHALL BE AS FOLLOWS:

LUMINAIRES SHALL BE HOLOPHANE, 295W, (HMLED4-P2-30K-HVOLT-HGR-FTA), COOPER, 330W, (CST-CA8-330-730-8-T3-AP), OR APPROVED EQUAL BY THE ENGINEER.

PAYMENT WILL BE MADE AT THE UNIT BID PRICE FOR EACH C&MS ITEM 625 "LUMINAIRE, HIGH MAST, SOLID STATE (LED), IES-III, LED, 39,000-48,500 LUMENS, AS PER PLAN" FOR EACH LUMINAIRE WHICH SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS, AND INCIDENTALS REQUIRED TO COMPLETE THIS ITEM IN A SATISFACTORY AND WORKMANLIKE MANNER.

ITEM 625, LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), IES-III, LED, 10,000-12,000 LUMENS, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF ODOT'S CONSTRUCTION AND MATERIALS SPECIFICATIONS AND SUPPLEMENTAL SPECIFICATION 813 AND 913, LUMINAIRES FOR CONVENTIONAL LIGHTING SHALL BE AS FOLLOWS:

LUMINAIRES SHALL BE AMERICAN ELECTRIC LIGHTING, 81W, (ATBM-P10-480-R2-3K), COOPER, 82W, (VERD-CA2-80-730-U-T3), OR APPROVED EQUAL BY THE ENGINEER.

PAYMENT WILL BE MADE AT THE UNIT BID PRICE FOR EACH C&MS ITEM 625 "LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), IES-III, LED, 10,000-12,000 LUMENS, AS PER PLAN" FOR EACH LUMINAIRE WHICH SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS, AND INCIDENTALS REQUIRED TO COMPLETE THIS ITEM IN A SATISFACTORY AND WORKMANLIKE MANNER.

LIGHTING GENERAL NOTES

DESIGN AGENCY
ms consultants. inc.

DESIGNER KWR
REVIEWER JML 10-21-25
PROJECT ID 122880
SHEET P.98 TOTAL 112

SUM-IR-77-VACANT REST AREA TP

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 3/5/2026 TIME: 4:30:13 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: kryan@msconsultants.com
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 04\Summit\122880401-Engineering_MSConsultants\Lighting\Sheets\122880_LN001.dgn

SPECIAL PROVISIONS

WATERWAY PERMITS CONDITIONS

C-R-S: SUM-IR 77-Vacant Rest Area TP

PID: 122880

Date: 03/23/2026

1. Waterway Permits Time Restrictions:

A USACE Section 404 Nationwide Permit (NWP) 39 (Commercial and Institutional Developments) is authorized for SUM-IR 77-Vacant Rest Area TP, PID: 122880. A copy of the NWP 39 and authorization letter (USACE ID: LRH-2026-000293-TUS) shall be kept at the work site at all times and made available to all contractors and subcontractors. The permit is effective starting: March 23, 2026. The permit expires: March 15, 2031.

For authorized work in aquatic resources (including streams, wetlands, jurisdictional ditches, captured streams, lakes, ponds), the Department will consider the Contractor's submission of a reauthorization to the waterway permit expiration date based on project constraints. If more than one permit is authorized for the project, then all permits become invalid once the first permit expires. In order for the request to be considered, the Contractor must submit a justification to the Engineer at least 90 days prior to the waterway permit expiration date. The Engineer will submit the request for a time extension to the Ohio Department of Transportation, Office of Environmental Services, Waterway Permits Unit (ODOT-OES-WPU) for consideration and coordination with the U.S. Army Corps of Engineers (USACE), Ohio Environmental Protection Agency (OEPA), U.S. Coast Guard (USCG), U.S. Fish and Wildlife Service (USFWS), and Ohio Department of Natural Resources (ODNR) as appropriate.

2. Deviations From Permitted Construction Activities:

No deviation from the requirements for work in aquatic resources depicted in the plans, Special Provisions, and/or Working Drawings may be made unless a modification has been submitted to ODOT-OES-WPU and approved by the appropriate agencies (i.e., USACE, OEPA, USCG, ODNR, and USFWS).

NOTE: Plan sheets submitted with the Pre-Construction Notification were approved by the USACE in accordance with NWP 39 and are included in these Special Provisions.

For emergency situations resulting in unanticipated impacts to aquatic resources, provide notification (verbal or written) to the Engineer as soon as possible following discovery of the situation. Written notification to the Engineer and notification to the ODOT-OES-WPU (614-466-2159) must be made within 24 hours.

For non-emergency situations, notify the Engineer in writing for submission to the ODOT-OES-WPU (614-466-2159) for consideration and coordination with the appropriate agencies. Notification must be made at least 90 days prior to planned, non-permitted activities. Consideration of the requested deviation is at the discretion of the Director and must be coordinated with the appropriate regulatory agencies.

3. In-Stream Work Restrictions:

Work in the following aquatic resources is further restricted as follows:

Stream Name /Description	Location	Work restriction dates (No in-stream work permitted)
Stream 1	STA 183+00	None

In-stream work has been defined as the placement and/or removal of fill materials (temporary or permanent) below ordinary high water of a stream. Examples of "fill" include, but are not limited to: bridge piers, abutments, culverts, rock channel protection, scour protection, and temporary access fills.

Fills placed within a stream identified in the above table (outside of the work restriction dates) can continue to be worked from during the work restriction dates, but cannot be expanded, removed, or otherwise modified (below ordinary high water) until once again outside of the work restriction dates.

4. Materials:

Materials utilized in or adjacent to aquatic resources for temporary or permanent fill or bank protection shall consist of suitable material free from toxic contaminants in other than trace quantities. Asphalt products are specifically excluded for use as fill. Chromated Copper Arsenate (CCA), creosote, and other pressure treated lumber shall not be used in structures that are placed in aquatic resources.

5. Aquatic Resource Demarcation:

The tables attached (Table C and Table D) include detailed fill quantities authorized within the aquatic resources. Aquatic resources not authorized for impact by these Special Provisions shall be demarcated in the field as per SS 832 prior to site disturbance. The fence shall remain in place and be maintained throughout the construction process. Following the completion of the project, the fence and posts shall be removed.

6. Spill containment:

Provide and Maintain an Oil Spill Kit with a minimum capacity of 65 gallons. The Spill Kit shall contain:

- 6 - 3 in. X 8 ft. oil only socks
- 4 - 18 in. X18 in. oil only pillows
- 2 - 5 in. X 10ft. booms
- 50 - 16in. X 20 in. oil only pads
- 10 - disposable bags
- 1 - 65 gallon drum with lid
- 25 pounds of granular oil absorbent

The Oil Spill Kit shall be located within 150 feet of any equipment working in a stream or wetland. The oil Spill Kit shall be maintained for the life of the contract. Any materials utilized during the project will be replaced within 48 hours. All costs associated with furnishing and maintaining the above referenced spill containment kit are incidental to work.

7. Project Inspection:

Inspection of Work may include inspection by representatives of other government agencies or railroad corporations that pay a portion of the cost of the Work or regulate the Work through State and Federal law. Comments from the representatives of these agencies shall be directed to the Engineer who will immediately contact the ODOT-District Environmental Coordinator and ODOT-OES-WPU at 614-466-2159.

8. Temporary Access Fills:

Definitions:

Hydraulic Opening
The cross-sectional area allowing an unimpeded discharge equal to twice the highest monthly flow without producing a rise in the backwater above the Ordinary High Water Mark (OHWM).

Standard Temporary Discharge
Discharge equal to twice the *highest monthly flow* without producing a rise in the backwater above the OHWM. The U.S. Geologic Service publication "Techniques for estimating Selected Streamflow Characteristics of Rural Unregulated Streams in Ohio" provides equations that estimate monthly flow for Ohio Waterways These flows are also available in a web application by USGS StreamStats, (https://water.usgs.gov/osw/streamstats/ohio.html). The highest monthly flow is the highest monthly mean discharge occurring in a 12-month period from January to December.

Average Monthly Flow
The average monthly flow represents the estimated "normal" flow.

Temporary Access Fills (TAFs)
Include, but are not limited to, dewatering fills, causeways, cofferdams, access pads, temporary bridges, etc. below the OHWM.

Requirements
21 calendar days prior to the initiation of any in-stream work, provide the Engineer with Working Drawings that include:

- Plan view drawing (50 scale or less) showing the location of all TAFs proposed for use on the project.
- Scaled cross section and profile drawing showing the OHWM and the proposed hydraulic opening.
- Identify the minimum diameter size, placement location and thickness of non-erodible Dumped Rock Fill material on the plan and profile.
- Calculations analyzing the hydraulic impacts of the TAF on the waterway. Include in the calculations an analysis of the hydraulic opening sized adequately to pass the Standard Temporary Discharge without producing a rise in backwater above the OHWM. Include, in the analysis, calculated channel velocities adjacent to the TAF, culvert exit velocities, calculated headwater and tailwater elevations, and any additional appropriate calculations to assess potential impacts to the waterway during normal and anticipated high flow (twice the highest monthly flow) events.
- A description of all temporary material to be placed below the OHWM elevation.
- A description of the installation and staging of all temporary fill over the life of the contract.
- Identify the protection methods and/or structural Best Management Practices for minimizing impacts to the waterway.
- Volume of temporary fill below the OHWM elevation.
- A description of the diversion ditches, equipment, conduits or means for maintaining normal flows in the waterway.
- A description of the removal of all temporary fill and restoration of the channel and all areas impacted by the TAFs.
- A schedule outlining the timing of the placement and removal of all temporary fill.

- Have competent individuals prepare and check the Working Drawings and hydraulic calculations. Provide a cover sheet containing the preparer(s) and checker(s): First Name, Last Name and Initials. The preparer(s) and checker(s) shall not be the same individual. Have an Ohio Registered Engineer review, approve, sign, seal and date the Working Drawings and hydraulic calculations according to ORC 4733 and OAC 4733-35. Include the following statement on the Working Drawings:

  "These Working Drawings were prepared in compliance with the terms of these Special Provisions and all contract documents."

Do not begin in-stream work until the Engineer has accepted the Working Drawings and hydraulic calculations.

The design and construction of the Contractor's TAF must minimize impacts to water bodies, stream banks, stream beds, and riparian zones to the maximum extent practicable.

Fording of waterways and other aquatic resources is prohibited.

Construct TAFs in such a manner that will maintain flows, minimize upstream flooding, and avoid overtopping the TAF on a regular basis. ***TAFs shall be designed and constructed so that the hydraulic opening provides capacity for a discharge equal to twice the highest monthly flow without producing a rise in the backwater above the (OHWM).***

If the Contractor proposes a TAF which does not meet all the requirements of these Special Provisions, the Contractor must submit a request in writing for a modified TAF to the Engineer. The request must include all Working Drawings and hydraulic calculations required by these Special Provisions. The Department makes no guarantee to grant the request. The Contractor's proposed TAF request will be coordinated by OES with the USACE and the OEPA, as appropriate. The time frame allowed for the coordination of the contractor's proposed TAF will be a minimum of 60 days.

Installation of any temporary fill without appropriate authorization is strictly prohibited. All direct coordination with the USACE and/or OEPA will be performed through OES.

TAFs Construction and Payment

Begin planning and installing causeways and access fills as early in construction as possible to avoid conflicts with these Special Provisions or other environmental commitments that have been included in the construction plans.

TAFs in Streams and Rivers may include, but are not limited to, causeways, cofferdams, access pads, sheet piling, temporary bridges, etc. The Contractor must make every attempt to minimize disturbance to waterbodies, stream banks, stream beds and riparian zones during the construction, maintenance, and removal of the TAF. Construct the TAFs as narrow as practical. Install in-stream conduits parallel to the stream banks. Make the TAFs in shallow areas rather than deep pools where possible. Minimize clearing, grubbing, and excavation of stream banks, and approach sections. Construct the TAFs as to not cause erosion or allow sediment deposits in the waterway.

Prior to the initiation of any in-stream work, establish a monument upstream of the proposed TAF to visually monitor the water elevation in the waterway where the fill is permitted. Maintain the monument throughout the project. Provide a visual mark on the monument that identifies the elevation 1 foot above the OHWM. Ensure that the monument can be read from the bank of the waterway. Have this elevation set and certified by an Ohio Registered Surveyor. All costs associated with furnishing and maintaining the above referenced monument are incidental to the work.

Should the surface water elevation exceed the elevation 1 foot above OHWM, the Department will compensate the Contractor for repair of any resulting damage to the TAF up to the elevation of 1 foot above the OHWM, except as noted. The Department will recognize this event as an excusable, non-compensable delay in accordance with Section 108.06 B. of the Construction & Materials Specifications.

Follow the requirements in Item 502 for Structures for Maintaining Traffic and in Item 503 for Cofferdams and Excavation Bracing and any modifications to these items as shown in the plans. The Department will not pay for repair and maintenance of TAFs associated with Items 502 and 503 as a result of surface water elevation exceeding 1 foot above the OHWM. Compensation for damages associated with waterway flows will be provided as described in Items 502 and 503.

Construct the TAFs, not including Items 502 and 503, to a water elevation at least 1 foot (0.3 m) above the OHWM. If more than one-third the width of the stream is filled, then use culvert pipes to allow the movement of aquatic life. Ensure that any ponding of water behind the TAF will not damage property, flood roadways, or threaten human health and safety.

The following minimum requirements apply to TAFs where culverts are used:

A. Furnish culverts on the existing stream bottom.
B. Avoid a drop in water elevation at the downstream end of the culvert that would result in an adverse impact to the waterway.
C. Furnish a sufficient number of culverts in addition to stream openings to provide a discharge equal to twice the highest monthly flow without producing a rise in the backwater above the OHWM.
D. Furnish culverts with a minimum diameter of 18 inches (0.5 m).

All TAFs must be constructed of suitable materials. Causeways and access fills must be encapsulated with clean, non-erodible, nontoxic Dumped Rock Fill, Type A, B, C, or D, meeting the requirements of C&MS 703.19.B. Utilize appropriately sized Dumped Rock Fill determined by the Contractor's engineer for encapsulating the sides of the TAF. Encapsulate all sides of the TAF with the non-erodible material. For causeways, contractors may use clean aggregate meeting C&MS 703.01 Size Number 1 and 2 for creating a working surface above the OHWM. Extend the non-erodible encapsulating material to at least the elevation of the top of the working surface. Extend clean aggregate up the slope from the original stream bank for 50 feet (10 m) to remove erodible material and prevent tracking from equipment onto the TAF.

When the work requiring TAF is complete, all portions of the TAF (including all rock and culverts) will be removed in its entirety. Do not dispose of TAF material in other aquatic resources or where erosion into another aquatic resource is possible. The stream bottom affected by the TAFs will be restored to its pre-construction elevations. The TAFs will not be paid as a separate item but will be included by the Contractor as part of the total project cost.

Unless specific TAF compensation is included in the plans, all environmental protection and control associated with the authorized activities are incidental to the work within the boundaries of the aquatic resources.

9. Excavation Activities:

Excavated material will be placed at an upland site and disposed of in such a manner that sediment and runoff to streams and other aquatic resources is controlled and minimized. Additionally, no more than incidental fallback into aquatic resources is permitted during the excavation process. If any changes to the proposed work are deemed necessary, notify the Engineer who will immediately contact the ODOT-District Environmental Coordinator and ODOT-OES-WPU at 614-466-2159.

10. Demolition Debris:

The intentional discharge of demolition debris from any structure (including but not limited to bridges, culverts, abutments, wing walls, piers) is not authorized for this project. If any demolition debris inadvertently falls into aquatic resources, it must be removed immediately. Notify the Engineer immediately in writing of any inadvertent fill discharged into aquatic resources. The Engineer will immediately contact ODOT-OES-WPU at 614-466-2159 if any unintentional discharge occurs.

11. Construction Completion Certification:

Upon completion of the work, notify the Engineer. The USACE Construction Completion Certification must be completed and signed by the Engineer then provided via US mail or email to:

Waterway Permits Program Manager
ODOT - Office of Environmental Services
1980 West Broad Street, Mail Stop 4170
Columbus, Ohio 43223
Adrienne.Earley@dot.ohio.gov

A copy of the certification has been attached to these Special Provisions.

Version: January 2026

TABLE C. STREAM DISCHARGE AND FILL QUANTITIES

Stream	Station	Description of Impacts	Length (LF)	Width (LF)	Depth (LF)	Permanent Fill Below OHWM												Total Permanent Fill			Total Temporary Fill			Total Impact Length
						Proposed Concrete (Includes Culvert, Piers, Walls, Abutments, etc.)			Proposed RCP			Proposed Earthen, Granular, or Embankment Fill			Proposed Other (Steel, Etc.)									
						Length (LF)	Area (AC)	Volume (CY)	Length (LF)	Area (AC)	Volume (CY)	Length (LF)	Area (AC)	Volume (CY)	Length (LF)	Area (AC)	Volume (CY)	Length (LF)	Area (AC)	Volume (CY)	Length (LF)	Area (AC)	Volume (CY)	Length (LF)
Stream 1	**183+00**	**Culvert Extension and RCP**	**618**	**3**	**0.1**	**59**	**0.004**	**2.19**	**15**	**0.001**	**4.17**	**0**	**0**	**0**	**0**	**0**	**0**	**74**	**0.005**	**6.36**	**9**	**0.001**	**0.5**	**81**
					SUM:	**59**	0.004	2.19	15	0.001	4.17	0	0	0	0	0	0	74	0.005	6.36	9	0.001	0.5	81

LF = linear feet; AC = acres; CY = cubic yards; RCP = rock channel protection or the like (specify if different, i.e.. concrete block matting); NA = Not Applicable

TABLE D. WETLAND DISCHARGE AND FILL QUANTITIES

Wetland	Station	Description of Impacts	Acreage (AC)	Depth (LF)	Permanent Fill Within Wetland Boundary								Total Permanent Fill		Total Temporary Fill		Total Impact Acreage
					Proposed Concrete (Includes Culvert, Piers, Walls, Abutments, etc.)		Proposed RCP		Proposed Earthen, Granular, or Embankment Fill		Proposed Other (Steel, Etc.)						
					Area (AC)	Volume (CY)	Area (AC)	Volume (CY)	Area (AC)	Volume (CY)	Area (AC)	Volume (CY)	Area (AC)	Volume (CY)	Area (AC)	Volume (CY)	Area (AC)
Wetland A	182+00	Grading	2.9	1	0	0	0	0	0.26	419.5	0	0	0.26	419.5	0	0	0.26
Wetland B	176+50	Grading	4.59	1	0	0	0	0	0.06	96.8	0	0	0.06	96.8	0	0	0.06
				SUM:	0	0	0	0	0	0	0	0	0.32	516.3	0	0	0.32

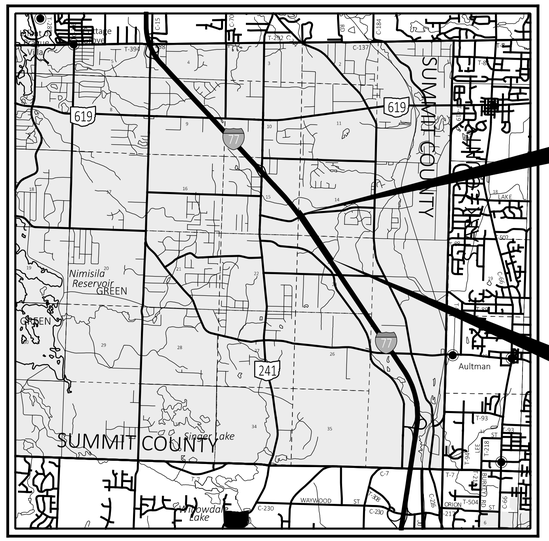
LF = linear feet; AC = acres; CY = cubic yards; RCP = rock channel protection or the like (specify if different, i.e.. concrete block matting); NA = Not Applicable

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

SUM-IR-77-VACANT REST AREA TP

CITY OF GREEN

SUMMIT COUNTY



LOCATION MAP

LATITUDE: 40°57'02" LONGITUDE: -81°27'03"

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

DESIGN DESIGNATION

OPENING YEAR ADT (2027)	84,500
DESIGN YEAR ADT (2047)	97,500
DESIGN HOURLY VOLUME (2047)	9,800
DIRECTIONAL DISTRIBUTION	70%
TRUCKS (24 HOUR B&C)	8%
DESIGN SPEED	70 MPH
LEGAL SPEED	65 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	
01 INTERSTATE (URBAN)	
NHS PROJECT	YES

DESIGN EXCEPTIONS

NONE REQUIRED

ADA DESIGN WAIVERS

NONE REQUIRED

UNDERGROUND UTILITIES
Contact Two Working Days Before You Dig
OHIO811.org Before You Dig
OHIO811, 8-1-1, or 1-800-362-2764
(Non members must be called directly)

PLAN PREPARED BY:
STONE ENVIRONMENTAL, ENGINEERING & SCIENCE
614.865.1874 • STONEENVIRONMENTAL.COM

INDEX OF SHEETS:

FEDERAL PROJECT NUMBER

NON-FEDERAL

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

CONSTRUCTION OF TRUCKING PARKING AT I.R. 77 NORTHBOUND VACANT REST AREA IN SUMMIT COUNTY.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA:	7.63 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	0.25 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	7.88 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.

Arthur G. Noirot Jr., P.E.
District 04 Deputy Director

Pamela Boratyn
Director, Department of Transportation

STANDARD CONSTRUCTION DRAWINGS

BP-5.1	7/18/25	MGS-2.1	7/18/25	RM-4.2	7/18/25	MT-95.30	7/18/25	TC-41.10	7/19/13	800-2023	7/18/25
BP-9.1	1/18/19	MGS-3.1	7/18/25	RM-5.1	7/18/14	MT-95.45	7/21/23	TC-41.30	4/21/23	808	7/19/24
		MGS-5.3	7/15/16			MT-98.29	1/17/20	TC-42.10	10/18/13	813	7/21/23
						MT-99.20	4/19/19	TC-42.20	10/18/13	821	4/20/12
DM-1.1	1/17/25			HL-10.11	7/21/23	MT-99.30	1/17/20	TC-52.10	10/18/13	825	7/19/24
DM-1.2	1/17/25	HW-2.2	7/20/18	HL-10.12	7/21/23	MT-101.70	7/19/24	TC-52.20	1/15/21	832	7/18/25
DM-4.1	7/17/20			HL-10.13	1/20/23	MT-101.75	7/21/23	TC-65.10	1/17/14	908	1/17/25
DM-4.3	1/15/16			HL-10.31	7/18/25	MT-101.90	7/17/20	TC-65.11	1/17/25	913	4/16/21
DM-4.4	1/15/16			HL-20.11	7/18/25	MT-102.10	7/21/23	TC-72.20	7/18/25	921	7/19/24
				HL-20.21	7/18/25	MT-104.10	1/19/24	TC-73.20	1/17/25		
				HL-30.11	7/21/23	MT-105.10	1/17/20				
				HL-40.20	7/18/25						
				HL-60.11	7/21/17						
				HL-60.21	7/20/18						
				HL-60.31	7/19/24						

SUPPLEMENTAL SPECIFICATIONS

SPECIAL PROVISIONS

ENGINEER'S SEAL	ENGINEER'S SEAL
ALL SHEETS EXCEPT LIGHTING	LIGHTING SHEETS
STATE OF OHIO · FRANCES RUBIO ROURKE · E-62976 · REGISTERED PROFESSIONAL ENGINEER	STATE OF OHIO · KEVIN RYAN · E-76915 · REGISTERED PROFESSIONAL ENGINEER

TITLE SHEET

DESIGN AGENCY
STONE ENVIRONMENTAL, ENGINEERING & SCIENCE

DESIGNER FRR
REVIEWER BAT 10/21/25
PROJECT ID 122880
SHEET P.01 TOTAL 112

SUM-IR-77-VACANT REST AREA TP

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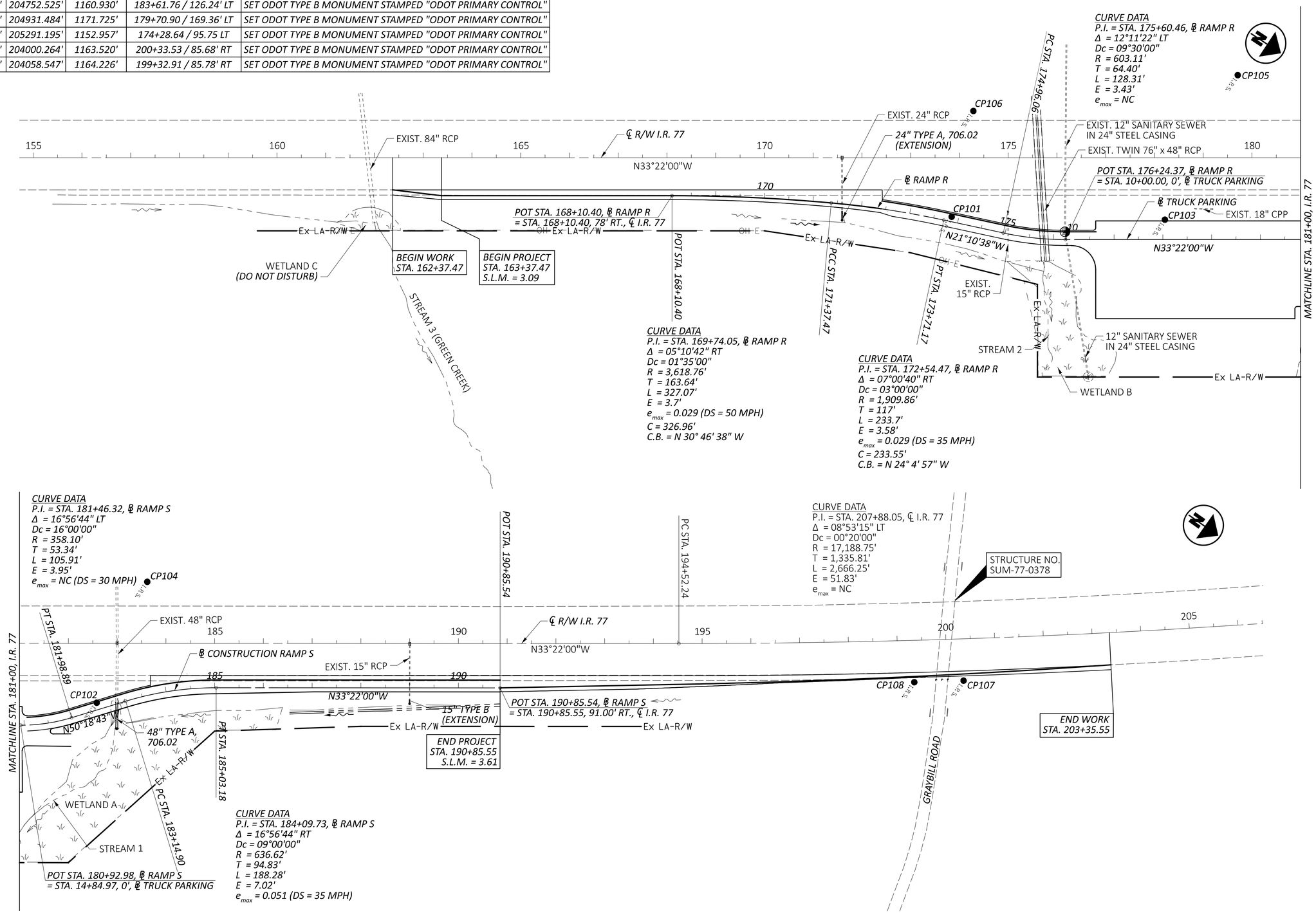
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 04\Summit\122880\402-Engineering_StoneEnvironmental\Roadway\Sheets\122880_GT201.dgn

SET ODOT TYPE B MONUMENT STAMPED "ODOT PRIMARY CONTROL"					
POINT NUMBER	OCC COORDINATES U.S. SURVEY FEET		ELEVATION	STATION / OFFSET	DESCRIPTION
	NORTHING	EASTING			
CP101	418785.299'	205496.863'	1152.308'	173+84.11 / 121.19' RT	SET ODOT TYPE B MONUMENT STAMPED "ODOT PRIMARY CONTROL"
CP102	419515.625'	205016.661'	1157.821'	182+58.17 / 121.81' RT	SET ODOT TYPE B MONUMENT STAMPED "ODOT PRIMARY CONTROL"
CP103	419153.883'	205261.327'	1155.666'	178+21.49 / 127.19' RT	SET ODOT TYPE B MONUMENT STAMPED "ODOT PRIMARY CONTROL"
CP104	419465.715'	204752.525'	1160.930'	183+61.76 / 126.24' LT	SET ODOT TYPE B MONUMENT STAMPED "ODOT PRIMARY CONTROL"
CP105	419115.565'	204931.484'	1171.725'	179+70.90 / 169.36' LT	SET ODOT TYPE B MONUMENT STAMPED "ODOT PRIMARY CONTROL"
CP106	418703.171'	205291.195'	1152.957'	174+28.64 / 95.75 LT	SET ODOT TYPE B MONUMENT STAMPED "ODOT PRIMARY CONTROL"
CP107	420975.370'	204000.264'	1163.520'	200+33.53 / 85.68' RT	SET ODOT TYPE B MONUMENT STAMPED "ODOT PRIMARY CONTROL"
CP108	420892.743'	204058.547'	1164.226'	199+32.91 / 85.78' RT	SET ODOT TYPE B MONUMENT STAMPED "ODOT PRIMARY CONTROL"



HORIZONTAL SCALE IN FEET
0 50 100 200

SCHEMATIC PLAN

SUM-IR-77-VACANT REST AREA TP

DESIGN AGENCY
STONE ENVIRONMENTAL, ENGINEERING & SCIENCE

DESIGNER FRR
REVIEWER BAT 10/21/25
PROJECT ID 122880
SHEET P.02 TOTAL 112

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pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 04\Summit\122880\02-Engineering_StoneEnvironmental\Roadway\Sheets\122880_GB201.dgn

UTILITIES

THE CONTRACTOR SHALL USE THE FOLLOWING PROCEDURE AT EACH LOCATION WHERE WORK IS PERFORMED, IN ACCORDANCE WITH SECTIONS 105.07 AND 107.16 IN THE CONSTRUCTION AND MATERIALS SPECIFICATIONS:

THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER, OHIO 811, THE OHIO DEPARTMENT OF TRANSPORTATION DISTRICT 4 HEADQUARTERS (MICHELLE CHANEY AT 330-786-2267) AND ALL NON REGISTERED UTILITY OWNERS AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION OPERATIONS IN ALL AREAS.

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

UTILITY LOCATIONS MEET QUALITY LEVEL C UNDER THE CURRENT ASCE STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA.

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

ENBRIDGE GAS OHIO
320 SPRINGSIDE DRIVE
AKRON, OH 44333
RYAN BOND
330-807-2285 (CELL)
RYAN.BOND@ENBRIDGE.COM
CC: RELOCATION@ENBRIDGE.COM

AT&T - OHIO
50 W. BOWERY STREET
AKRON, OH 44308
CHRIS EMRICH
330-384-3556
330-319-5239 (CELL)
CE3141@ATT.COM

OHIO EDISON - (USIC)
6326 LAKE AVENUE
ELYRIA, OH 44035
JEFFERY HEURING, PE
440-653-1931 (CELL)
JHEURING@FIRSTENERGYCORP.COM
CC: JMZASSICK@FIRSTENERGYCORP.COM

SUMMIT COUNTY DEPARTMENT OF SANITARY SEWER SERVICES
1180 S. MAIN ST. SUITE 201
AKRON, OHIO 44301
ROSS NICHOLSON
330-926-2400
RNICHOLSON@SUMMITOH.NET

SURVEYING PARAMETERS - OHIO COUNTY COORDINATE SYSTEM (OCCS)

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS. SEE THIS SHEET FOR THE TABLE CONTAINING PROJECT CONTROL INFORMATION.

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

PROJECT CONTROL
POSITIONING METHOD: Static GPS (OPUS)
MONUMENT TYPE: ODOT Type B

VERTICAL POSITIONING
ORTHOMETRIC HEIGHT DATUM: NAVD88
GEOID: GEOID18

HORIZONTAL POSITIONING
REFERENCE FRAME: NAD83 (2011)
ELLIPSOID: GRS80
COORDINATE SYSTEM: ODOT LDP - Summit County
MAP PROJECTION: Transverse Mercator
PROJECTION SCALE FACTOR: 1.000042 (Published)
ORIGIN OF COORDINATE SYSTEM: 39° 48' 00.00000" N 81° 36' 00.00000" W

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.

ITEM SPECIAL - SURVEY CONTROL VERIFICATION

THE CONTRACTOR SHALL PERFORM THIS WORK TO VERIFY THE PROVIDED SURVEY CONTROL. THE CONTRACTOR WILL PERFORM THE VERIFICATION USING ONE OF THE TWO METHODS BELOW DEPENDENT UPON THE CONTRACTORS CHOSEN MEANS OF SURVEY CONTROL TO BE USED ON THE PROJECT. THE WORK SHALL BE PERFORMED UNDER THE DIRECT SUPERVISION OF AN OHIO LICENSED SURVEYOR.

1. IF USING GPS DEVICES TO ESTABLISH AND OR PROVIDE SUPPLEMENTAL HORIZONTAL AND VERTICAL SURVEY CONTROL
   a. LOCATE VERTICAL CONTROL POINTS PROVIDED IN THE PLANS AND PERFORM A DIFFERENTIAL LEVEL CIRCUIT.
   b. PERFORM A SITE CALIBRATION UTILIZING THE AVAILABLE HORIZONTAL AND VERTICAL CONTROL POINTS PROVIDED IN THE PLAN.
   c. PROVIDE A REPORT, SIGNED BY AN OHIO LICENSESD SURVEYOR, TO THE PROJECT ENGINEER COMPARING THE OBSERVED DATA TO THE PLAN DATA ALONG WITH A NARRATIVE DETAILING ANY DISCREPANCIES FOUND.
2. IF USING CONVENTIONAL SURVEY INSTRUMENTATION TO ESTABLISH AND OR PROVIDE SUPPLEMENTAL HORIZONTAL AND VERTICAL SURVEY CONTROL
   a. LOCATE VERTICAL CONTROL POINTS PROVIDED IN THE PLANS AND PERFORM A DIFFERENTIAL LEVEL CIRCUIT.
   b. LOCATE AND OBSERVE ANGLE AND DISTANCE TO ALL AVAILABLE HORIZONTAL CONTROL POINTS PROVIDE IN THE PLAN
   c. PROVIDE A REPORT, SIGNED BY AN OHIO LICENSED SURVEYOR, TO THE PROJECT ENGINEER COMPARING THE OBSERVED DATA TO THE PLAN DATA ALONG WITH A NARRATIVE DETAILING ANY DISCREPANCIES FOUND.

ALL MATERIALS, LABOR, EQUIPMENT, TOOLS, AND INCIDENTALS NECESSARY TO COMPLETE THIS WORK SHALL BE INCLUDED IN THE LUMP SUM BID ITEM.

ENDANGERED BAT HABITAT REMOVAL

THIS PROJECT IS LOCATED WITHIN THE KNOWN HABITAT RANGES OF THE FEDERALLY LISTED AND PROTECTED INDIANA BAT, AND NORTHERN LONG-EARED BAT. NO TREES SHALL BE REMOVED UNDER THIS PROJECT FROM APRIL 1 THROUGH SEPTEMBER 30. ALL NECESSARY TREE REMOVAL SHALL OCCUR FROM OCTOBER 1 THROUGH MARCH 31. THIS REQUIREMENT IS NECESSARY TO AVOID AND MINIMIZE IMPACTS TO THESE SPECIES AS REQUIRED BY THE ENDANGERED SPECIES ACT (ESA). FOR THE PURPOSES OF THIS NOTE, A TREE IS DEFINED AS: A LIVE, DYING, OR DEAD WOODY PLANT, WITH A TRUNK 3 INCHES OR GREATER IN DIAMETER AT A HEIGHT OF 4.5 FEET ABOVE THE GROUND SURFACE, AND WITH A MINIMUM HEIGHT OF 13 FEET.

CLEARING AND GRUBBING, AS PER PLAN

THE CONTRACTOR IS NOT RESPONSIBLE FOR CUTTING DOWN TREES WITHIN THE CONSTRUCTION LIMITS. TREE AND STUMP REMOVAL WILL BE PERFORMED BY ODOT PRIOR TO MOBILIZATION. 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 BID FOR ITEM 201, CLEARING AND GRUBBING, AS PER PLAN.

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 UNDERLAYMENT	*2 SY*
ITEM 611, 6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS	*50 FT*
ITEM 611, PRECAST REINFORCED CONCRETE OUTLET	*2 EACH*
ITEM 605, 6" UNCLASSIFIED PIPE UNDERDRAINS	*20 FT*

ROUNDING

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

ITEM 606 - ANCHOR ASSEMBLY, MGS TYPE E

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING ANY OF THE MASH 2016 TYPE E TANGENETIAL 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.

CONTRACTION AND/OR EXPANSION JOINTS (OPTION B ONLY)

ALTHOUGH SPECIFIC LOCATIONS OF CERTAIN CONTRACTION AND EXPANSION JOINTS HAVE BEEN DETAILED ON THIS PLAN, NO WAIVER OF THE SPECIFICATIONS IS INTENDED. IN ALL CASES, THE PROVISION OF EXPANSION JOINTS AT ALL MAJOR STRUCTURES INCLUDING THE MAXIMUM SPACING BETWEEN CONTRACTION JOINTS IS IN ACCORDANCE WITH STANDARD CONSTRUCTION DRAWING BP-2.2 AND THE SPECIFICATIONS.

SEEDING AND MULCHING

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

659, SOIL ANALYSIS TEST	*2 EACH*
659, TOPSOIL	*2,300 CY*
659, SEEDING AND MULCHING	*20,719 SY*
659, COMMERCIAL FERTILIZER	*2.80 TON*
659, LIME	*4.28 ACRES*
659, WATER	*112 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.

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.

WATERWAY PERMIT

ODOT WILL ACQUIRE ALL NECESSARY WATERWAY PERMITS TO THE START OF CONSTRUCTION. CONDITIONS OF THESE PERMITS WILL BE PROVIDED IN THE CONTRACT AS SPECIAL PROVISIONS. ODOT WILL PROVIDE THE WATERWAY PERMITS TO THE CONTRACTOR AT THE PRE-CONSTRUCTION MEETING. THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING ALL THE SPECIAL PROVISIONS OF THE WATERWAY PERMITS THROUGHOUT THE DURATION OF THE CONTRACT.

ITEM 204 - PROOF ROLLING

THE FOLLOWING QUANTITY IS PROVIDED IN THE GENERAL SUMMARY TO ADDRESS LOCATIONS REQUIRING PROOF ROLLING.

ITEM 204 - PROOF ROLLING	*7 HOUR*

FENCE REPLACEMENT (AS DIRECTED)

IN THE EVENT THAT PORTIONS OF THE EXISTING CHAIN LINK FENCE ARE DETERMINED TO NEED REPLACEMENT, THE FOLLOWING CONTINGENCY QUANTITIES ARE TO BE USED AS DIRECTED BY THE ENGINEER:

ITEM 202 - FENCE REMOVED	*300 FT*
ITEM 202 - GATE REMOVED	*1 EACH*
ITEM 607 - FENCE, TYPE CLT	*300 FT*
ITEM 607 - GATE, TYPE CLT	*1 EACH*
ITEM 607 - FENCELINE SEEDING AND MULCHING	*350 FT*

GENERAL NOTES

DESIGN AGENCY
STONE ENVIRONMENTAL ENGINEERING & SCIENCE

DESIGNER	FRR
REVIEWER	BAT 10/21/25
PROJECT ID	122880
SHEET	P.07
TOTAL	112

ITEM SPECIAL - AS-BUILT CONSTRUCTION PLANS

PRIOR TO FINAL ACCEPTANCE OF THE WORK, THE CONTRACTOR SHALL FURNISH THE DEPARTMENT FORMAL AS-BUILT CONSTRUCTION PLANS. THE FORMAL AS-BUILT CONSTRUCTION PLANS SHALL INCLUDE ALL RED-LINED CHANGES. RED-LINE CHANGE SHALL BE DENOTED UTILIZING CLOUDING IN MICROSTATION (OR OTHER CAD SOFTWARE) OR CLOUDING IN PDF EDITING SOFTWARE. THE AS-BUILT CONSTRUCTION PLANS SHALL HAVE A SIGNED VERIFICATION ON THE TITLE SHEET FROM THE CONTRACTOR INDICATING THAT ALL RED-LINED AND FIELD CHANGES HAVE BEEN INCORPORATED INTO AS-BUILT CONSTRUCTION PLANS.

THE CONTRACTORS VERIFICATION STATEMENT INDICATES ALL KNOWN FIELD MODIFICATIONS MADE HAVE BEEN INCLUDED IN THE FORMAL AS-BUILT CONSTRUCTION PLANS. THE CONTRACTORS VERIFICATION STATEMENT SHALL BE SIGNED BY THE CONTRACTORS PROJECT MANAGER (OR ACCEPTABLE REPRESENTATIVE).

IN ADDITION TO THE INFORMATION SHOWN ON THE CONSTRUCTION PLANS, THE AS-BUILT CONSTRUCTION PLANS SHALL SHOW THE FOLLOWING:

1. ALL DEVIATIONS FROM THE ORIGINAL APPROVED CONSTRUCTION PLANS WHICH RESULT IN A CHANGE OF LOCATION, MATERIAL, TYPE OR SIZE OF WORK.
2. ANY UTILITIES, PIPES, WELLHEADS, ABANDONED PAVEMENTS, FOUNDATIONS OR OTHER MAJOR OBSTRUCTIONS DISCOVERED AND REMAINING IN PLACE WHICH ARE NOT SHOWN, OR DO NOT CONFORM TO LOCATIONS OR DEPTHS SHOWN IN THE PLANS. UNDERGROUND FEATURES SHALL BE SHOWN AND LABELED ON THE AS-BUILT CONSTRUCTION PLANS IN TERMS OF STATION, OFFSET AND ELEVATION.
3. THE FINAL OPTION AND SPECIFICATION NUMBER SELECTED FOR THOSE ITEMS WHICH ALLOW SEVERAL MATERIAL OPTIONS UNDER THE SPECIFICATION (E.G., CONDUIT).
4. CHANGES TO THE PAY ITEMS AND FINAL QUANTITIES AS PAID SHALL BE SHOWN ON THE GENERAL SUMMARY AND SUBSUMMARIES.
5. ADDITIONAL PLAN SHEETS MAY BE NEEDED IF NECESSARY TO SHOW WORK NOT INCLUDED IN THE CONSTRUCTION PLANS. IF ADDITIONAL PLAN SHEETS ARE NEEDED, THEY ARE REQUIRED TO BE PREPARED IN CONFORMANCE WITH THE LOCATION AND DESIGN MANUAL, VOLUME 3, SECTION 1200 - PLAN PREPARATION.

NOTATION SHALL ALSO BE MADE OF LOCATIONS AND THE EXTENT OF USE OF MATERIALS, OTHER THAN SOIL, FOR EMBANKMENT CONSTRUCTION (ROCK, BROKEN CONCRETE WITHOUT REINFORCING STEEL, ETC.).

THE PLAN INDEX SHALL SHOW THE PLAN SHEETS WHICH HAVE CHANGES APPEARING ON THEM.

TWO COPIES OF THE AS-BUILT CONSTRUCTION PLANS SHALL BE DELIVERED TO THE PROJECT ENGINEER FOR APPROVAL UPON COMPLETION OF THE PHYSICAL WORK BUT PRIOR TO THE REQUEST FOR FINAL PAYMENT. AFTER THE DEPARTMENT HAS APPROVED THE AS-BUILT CONSTRUCTION PLANS, THE ASSOCIATED ELECTRONIC FILES SHALL BE DELIVERED TO THE DISTRICT CAPITAL PROGRAMS ADMINISTRATOR. ACCEPTANCE OF THESE PLANS AND DELIVERY OF THE ASSOCIATED ELECTRONIC FILES IS REQUIRED PRIOR TO THE WORK BEING ACCEPTED AND THE FINAL ESTIMATE APPROVED.

PAYMENT FOR ALL THE ABOVE SHALL BE LUMP SUM UPON PROPER EXECUTION OF ALL WORK OF THIS ITEM AS DETERMINED BY THE PROJECT ENGINEER.

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.

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.

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 617 - COMPACTED AGGREGATE, AS PER PLAN

IN LOW SHOULDER AREAS EXCEEDING 1", AND ADJACENT TO THE SAFETY EDGE, OR AS DIRECTED BY THE ENGINEER, RECYCLED ASPHALT PAVEMENT (RAP) SHALL BE USED IN AREAS ADJACENT TO THE PAVED BERM. THE RAP SHALL HAVE A MINIMUM PG CONTENT OF 4.5% AND MEET THE FOLLOWING GRADATION. ONCE THE STOCKPILE MEETS THE GRADATION, THE PG CONTENT OF THE RAP SHALL BE DETERMINED PER 441.03. THE RAP ANALYSIS MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL 2 WEEKS PRIOR TO USE. METHOD OF MEASUREMENT SHALL BE AS PER 617.06. PLACEMENT AND COMPACTION SHALL MEET THE REQUIREMENTS OF ITEM 617. ALL MATERIALS, LABOR, EQUIPMENT, TOOLS AND INCIDENTALS NECESSARY TO COMPLETE THE WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 617 COMPACTED AGGREGATE, AS PER PLAN.

MODIFIED GRADATION SHALL APPLY:

SIEVE	TOTAL PERCENT PASSING
1-1/2"	100
3/4"	50-100
NO. 4	35-70
NO. 30	9-33
NO. 200	0-13

ITEM 408 - PRIME COAT, AS PER PLAN

APPLY "MC-70" AT A RATE OF 0.4 GALLONS PER SQUARE YARD, OR AS DETERMINED BY THE ENGINEER, TO THE COMPLETED COMPACTED AGGREGATE SHOULDER.

AIRWAY/HIGHWAY CLEARANCE FOR AIRPORTS AND HELIPORTS

THIS PROJECT HAS BEEN IDENTIFIED AS BEING WITHIN THE INFLUENCE AREA OF A PUBLIC USE AIRPORT OR HELIPORT. NO TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT AT MAXIMUM OPERATING HEIGHT SHALL EXCEED A HEIGHT OF 134 FT. IF ANY TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT WILL EXCEED THIS HEIGHT, FURTHER COORDINATION WITH THE FEDERAL AVIATION ADMINISTRATION (FAA), AND ODOT OFFICE OF AVIATION, WILL BE NECESSARY PRIOR TO ERECTING SUCH TEMPORARY STRUCTURES OR OPERATING SUCH EQUIPMENT ON THE PROJECT. THE CONTRACTOR WILL BE REQUIRED TO SUBMIT FORM 7460-1 TO THE FAA. NOTIFY THE ODOT OFFICE OF AVIATION WHEN SUBMITTING FAA FORM 7460-1.

NO TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT SHALL EXCEED THE PERMISSIBLE HEIGHT, UNTIL A COPY OF THE FAA APPROVAL AND THE ODOT OFFICE OF AVIATION PERMIT HAS BEEN FURNISHED TO THE PROJECT ENGINEER.

FEDERAL AVIATION ADMINISTRATION
SOUTHWEST REGIONAL OFFICE
OBSTRUCTION EVALUATION GROUP
10101 HILLWOOD PARKWAY
FORT WORTH, TX 76177
FAX: (817) 222-5920
HTTP://CEAAA.FAA.GOV

OHIO DEPARTMENT OF TRANSPORTATION
OFFICE OF AVIATION
2829 WEST DUBLIN-GRANVILLE ROAD
COLUMBUS, OHIO 43235
OHIO.AIRPORT.PROTECTION@DOT.OHIO.GOV

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 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.

UNSTABLE OR UNSUITABLE SOILS FOR PAVEMENT STABILIZATION

THE FOLLOWING ITEMS AND QUANTITIES ARE TO BE USED AS DIRECTED BY THE ENGINEER TO ADDRESS UNSTABLE OR UNSUITABLE SOILS ENCOUNTERED IN THE AREAS OF PAVEMENT CONSTRUCTION:

ITEM 204 - EXCAVATION OF SUBGRADE,	336 CY
ITEM 204 - GRANULAR MATERIAL, TYPE B,	336 CY
ITEM 204 - GEOTEXTILE FABRIC,	1,036 SY

ITEM SPECIAL - BOLLARD

THIS ITEM INCLUDES THE CONSTRUCTION OF A PERMANENT STEEL BOLLARD IN ACCORDANCE WITH SCD RM-5.1.

PAYMENT FOR ALL LABOR, MATERIALS AND EQUIPMENT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR EACH ITEM SPECIAL - BOLLARD.

GENERAL NOTES

DESIGN AGENCY
STONE ENVIRONMENTAL ENGINEERING & SCIENCE

DESIGNER FRR
REVIEWER BAT 10/21/25
PROJECT ID 122880
SHEET P.08 TOTAL 112

SUM-IR-77-VACANT REST AREA TP

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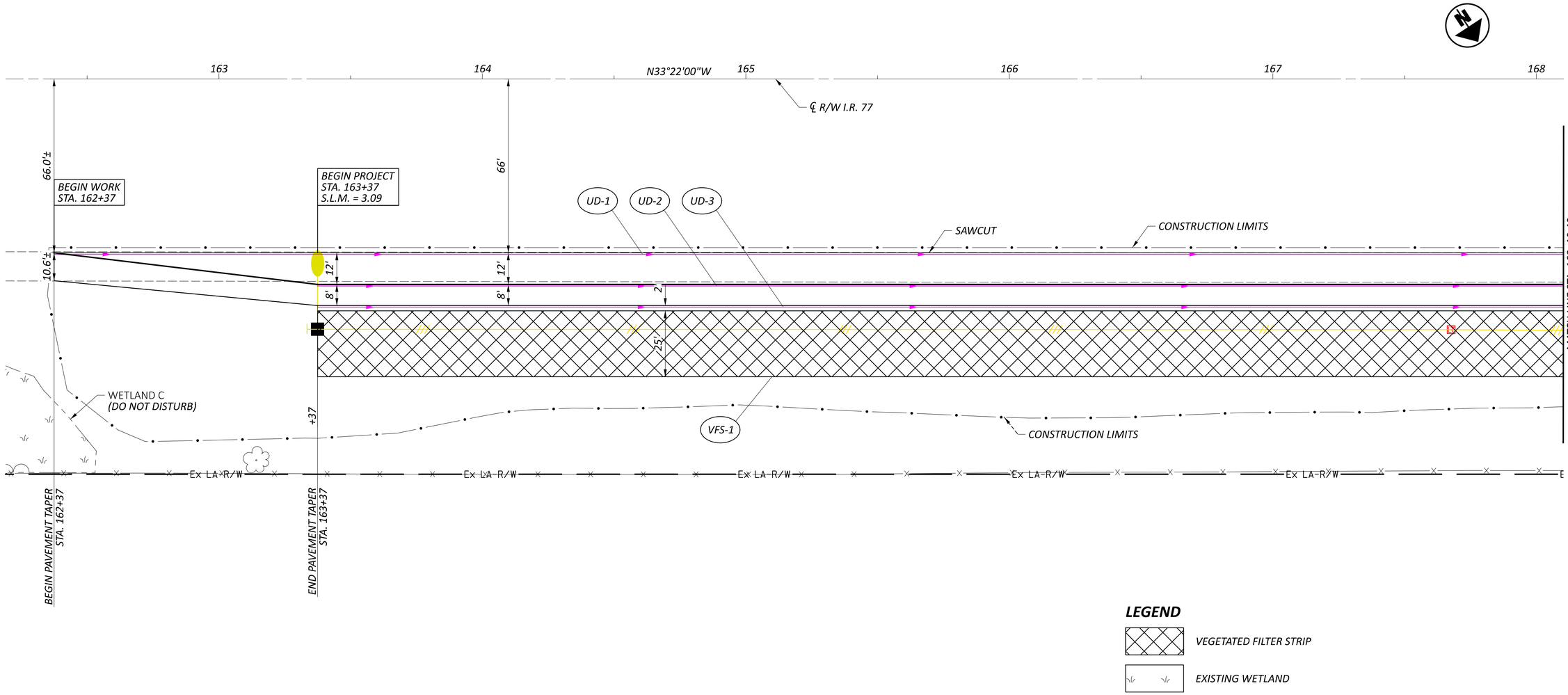
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 04\Summit\122880402-Engineering_StoneEnvironmental\Roadway\Sheets\122880_GN202.dgn

SHEET NO.	CROSS REFERENCES
P.24	ROADWAY SUBSUMMARY
P.25	DRAINAGE SUBSUMMARY
P.79	TERMINAL DETAILS - RAMP R
P.100 - P.105	LIGHTING PLANS



LEGEND

VEGETATED FILTER STRIP

EXISTING WETLAND

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN - I.R. 77 (RAMP R DECELERATION)
STA. 162+37.47 TO STA. 168+10.40

DESIGN AGENCY
STONE ENVIRONMENTAL ENGINEERING & SCIENCE

DESIGNER KLG

REVIEWER BAT 10/21/25

PROJECT ID 122880

SHEET P.28 TOTAL 112

SUM-IR-77-VACANT REST AREA TP

MODEL: BLP_R007R - Plan 1 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 12/11/2025 TIME: 1:20:18 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_UTPen.tbl USER: francesrourke@stoneenvironmental.com WORKSPACE: OHDOTCEv02 WORKSET: 122880 PRODUCT: OpenRoadsDesigner 24.00.00.205
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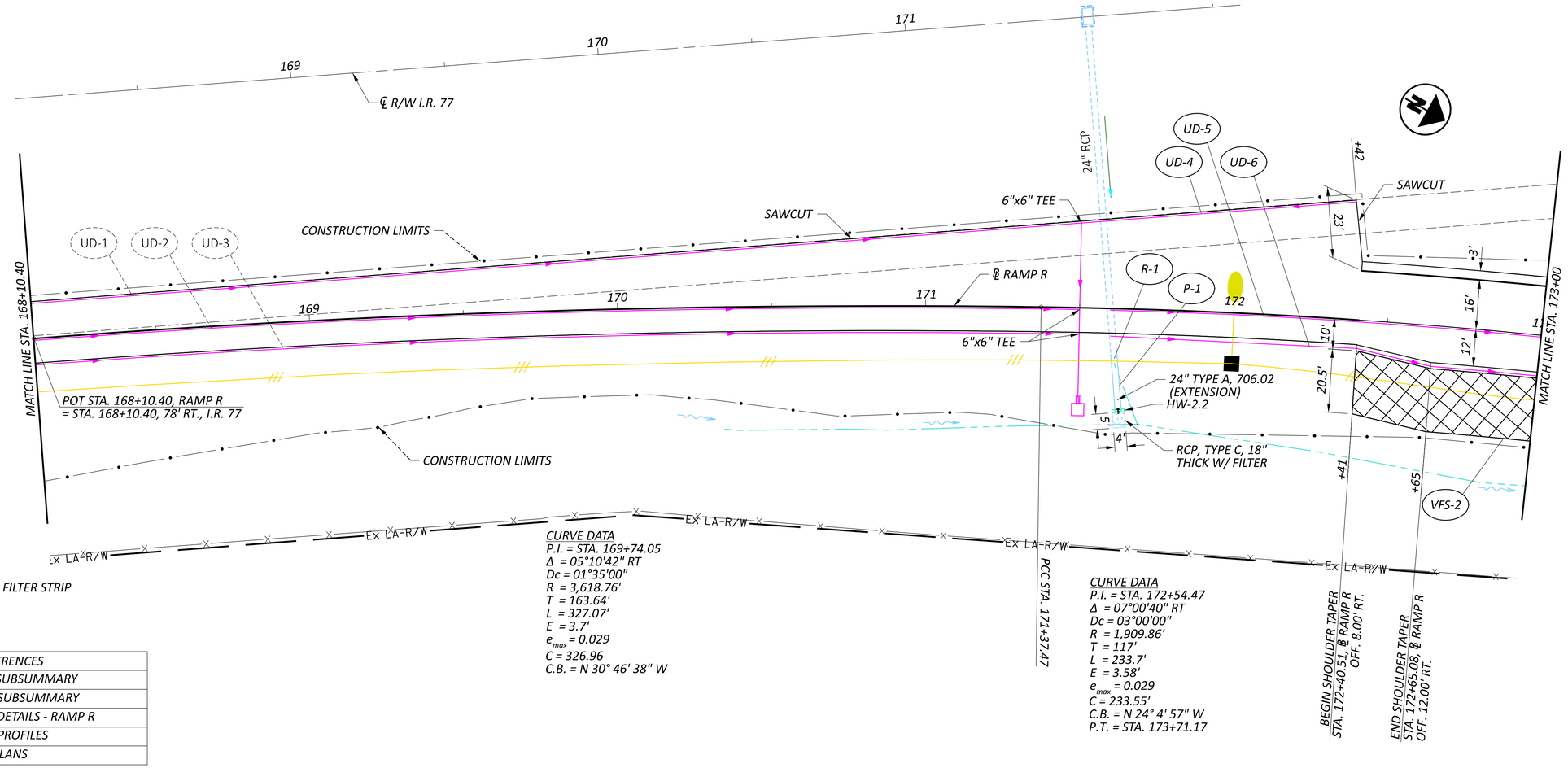


LEGEND

VEGETATED FILTER STRIP

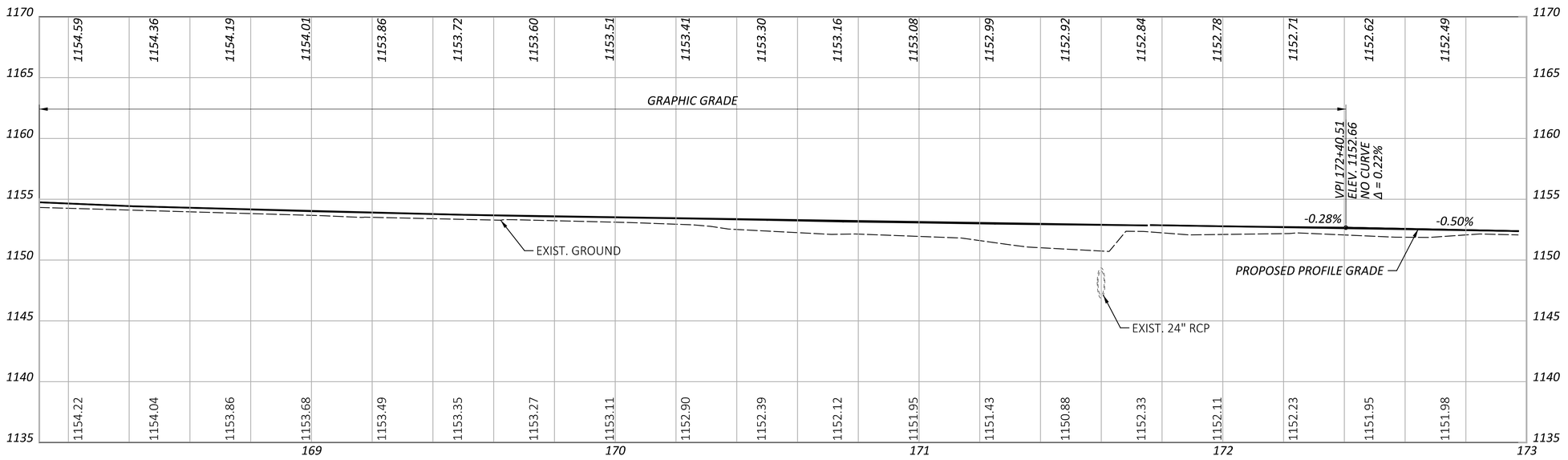
CURVE DATA
P.I. = STA. 169+74.05
Δ = 05°10'42" RT
Dc = 01°35'00"
R = 3,618.76'
T = 163.64'
L = 327.07'
E = 3.7'
e_{max} = 0.029
C = 326.96
C.B. = N 30° 46' 38" W

CURVE DATA
P.I. = STA. 172+54.47
Δ = 07°00'40" RT
Dc = 03°00'00"
R = 1,909.86'
T = 117'
L = 233.7'
E = 3.58'
e_{max} = 0.029
C = 233.55'
C.B. = N 24° 4' 57" W
P.T. = STA. 173+71.17

BEGIN SHOULDER TAPER
STA. 172+40.51, ℄ RAMP R
OFF. 8.00' RT.

END SHOULDER TAPER
STA. 172+65.08, ℄ RAMP R
OFF. 12.00' RT.

SHEET NO.	CROSS REFERENCES
P.24	ROADWAY SUBSUMMARY
P.25	DRAINAGE SUBSUMMARY
P.79	TERMINAL DETAILS - RAMP R
P.87	DRAINAGE PROFILES
P.100 - P.105	LIGHTING PLANS



HORIZONTAL SCALE IN FEET
0 10 20 40

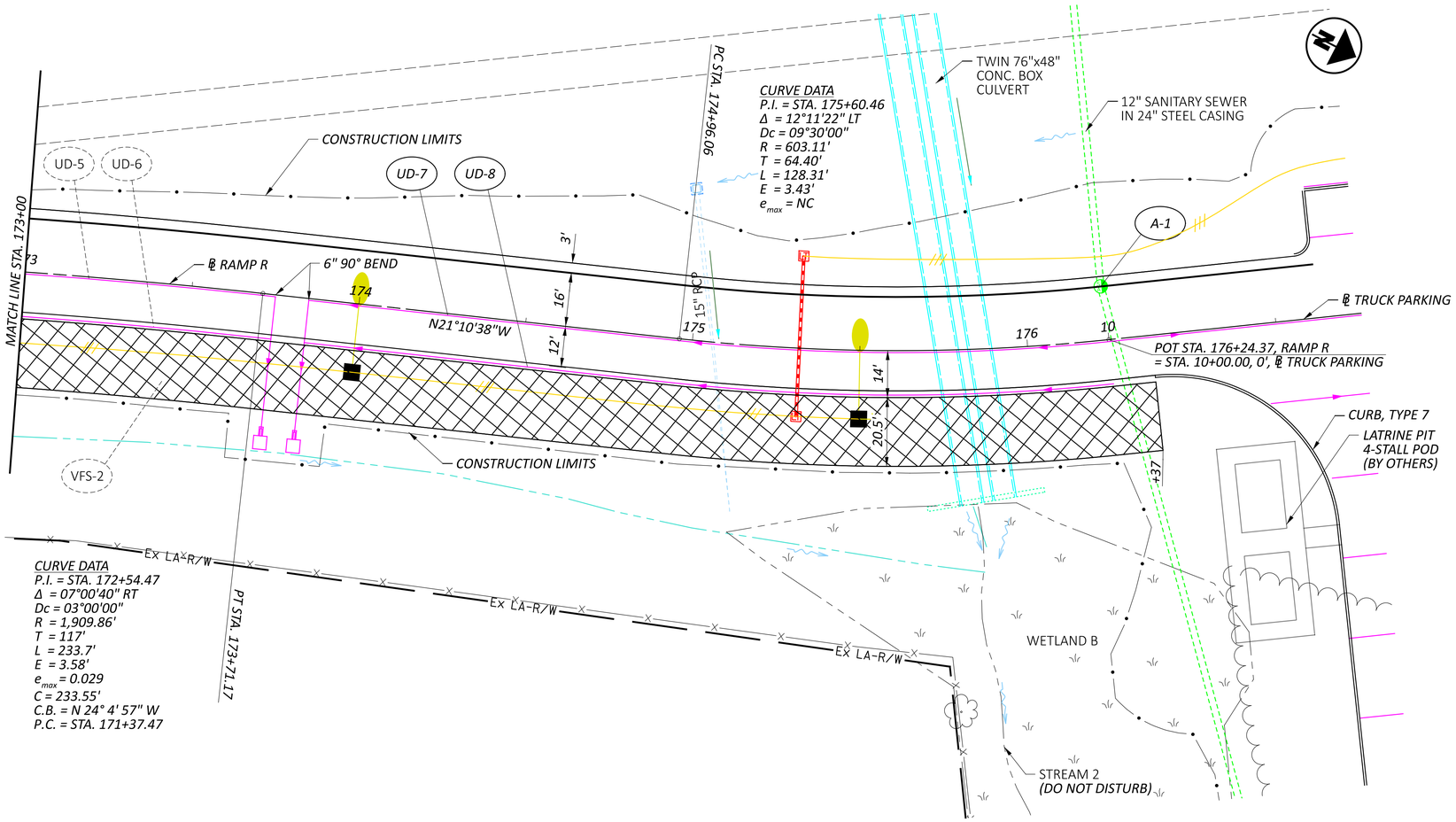
PLAN AND PROFILE - RAMP R
STA. 168+10.40 TO STA. 173+00

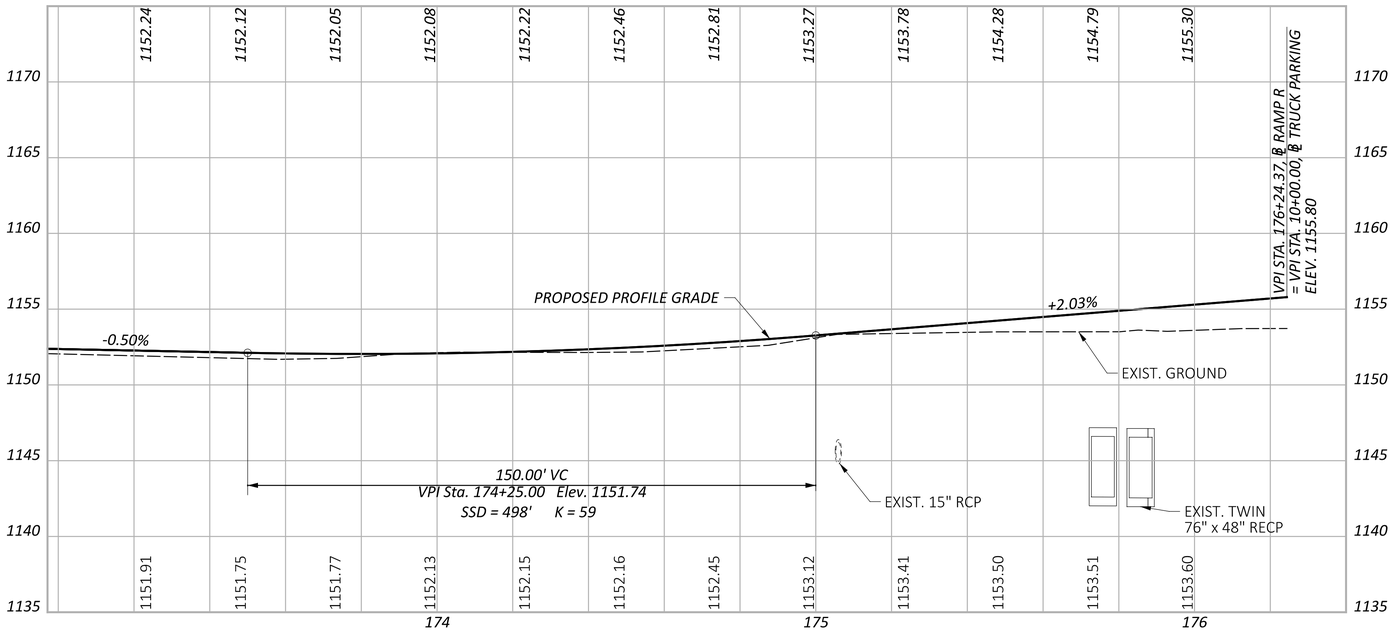
DESIGN AGENCY
STONE ENVIRONMENTAL ENGINEERING & SCIENCE

DESIGNER KLG
REVIEWER BAT 10/21/25
PROJECT ID 122880
SHEET P.29 TOTAL 112

SUM-IR-77-VACANT REST AREA TP

SHEET NO.	CROSS REFERENCES
P.24	ROADWAY SUBSUMMARY
P.25	DRAINAGE SUBSUMMARY
P.33	PLAN AND PROFILE - TRUCK PARKING
P.100 - P.105	LIGHTING PLANS





LEGEND

- VEGETATED FILTER STRIP
- EXISTY WETLAND

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP R
STA. 173+00 TO STA. 176+24.37

DESIGN AGENCY
STONE ENVIRONMENTAL, ENGINEERING & SCIENCE

DESIGNER	KLG
REVIEWER	BAT 10/21/25
PROJECT ID	122880
SHEET	P.30
TOTAL	112

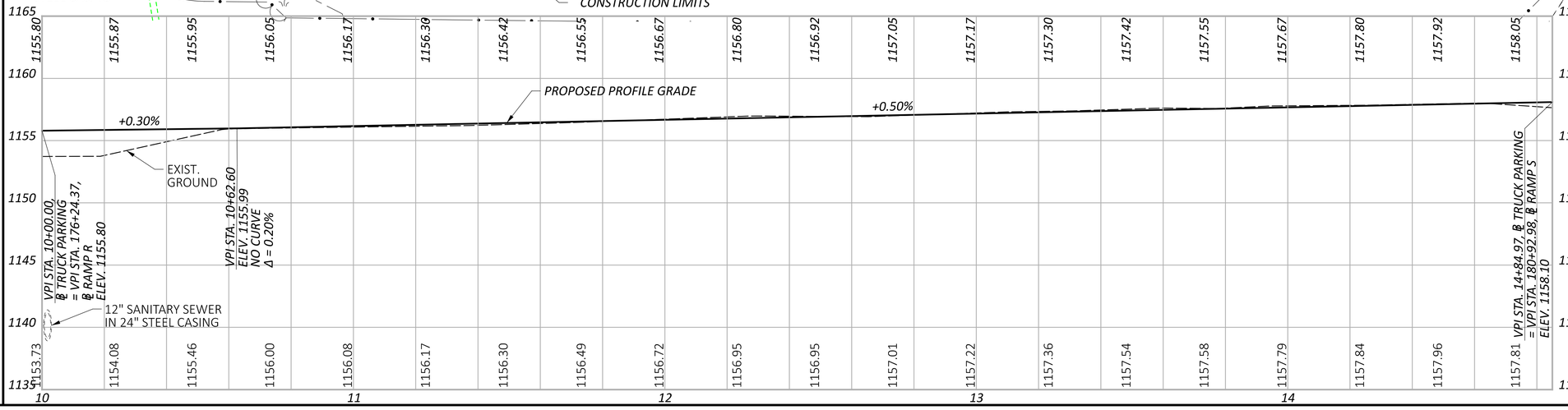
SUM-IR-77-VACANT REST AREA TP

MODEL: BLP_R007R - Plan 3 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 12/11/2025 TIME: 1:20:30 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_UTPen.tbl USER: francesrourke@stoneenvironmental.com WORKSPACE: OHDOTCEv02 WORKSET: 122880 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 04\Summit\122880\402-Engineering_StoneEnvironmental\Roadway\Sheets\122880_GP201.dgn

SUM-IR-77-VACANT REST AREA TP

12" SANITARY SEWER IN 24" STEEL CASING
STA. 10+62.60 OFF. 38.00' LT.
STA. 10+57.60 OFF. 24.00' LT. Δ = 90°00'00" R = 5.00' L = 7.85'
POT STA. 176+24.37, ℄ RAMP R = STA. 10+00.00, 0', ℄ TRUCK PARKING
℄ RAMP R
UD-9 UD-10 UD-11 UD-12 UD-13 UD-14 UD-15 UD-16 UD-17 UD-18
EX 18" CPP
CONSTRUCTION LIMITS
425'
38'
TYPE 7 CURB
℄ TRUCK PARKING
N33°22'00"W
24" 24" 18" 18" 18"
LATRINE PIT 2 2-STALL PODS (BY OTHERS)
STA. 10+12.60 OFF. 62.00' RT. Δ = 90°00'00" R = 50.00' L = 78.54'
163'
STA. 10+62.60 OFF. 162.00' RT.
5' CURB CUT 43' 46' 5' CURB CUT 45' 5' CURB CUT 46' 5' CURB CUT 46' 5' CURB CUT 46' 5' CURB CUT 46' 5' CURB CUT 48'
WETLAND B
F-1 F-2 F-3 F-4 F-5 F-6 F-7 F-8
CONCRETE FLUME PER DM-4.1
408'
12" SANITARY SEWER IN 24" STEEL CASING
STA. 14+87.60 OFF. 38.00' LT.
STA. 181+07.08, ℄ RAMP S OFF. 29.00' LT. Δ = 92°05'09" R = 10.00' L = 16.07'
6"x6" TEE
9'
6"x6" TEE
POT STA. 180+92.98, ℄ RAMP S = STA. 14+84.97, 0', ℄ TRUCK PARKING
6" 90° BEND
6"x6" TEE
100'
TYPE 7 CURB
25'
STA. 181+56.53, ℄ RAMP S OFF. 18.07' RT. Δ = 169°56'51" R = 6.00' L = 17.80'
STA. 181+04.39, ℄ RAMP S OFF. 47.81' RT. Δ = 90°48'05" R = 10.00' L = 15.85'
STA. 181+82.81, ℄ RAMP S OFF. 55.98' RT.
BO-1 BO-2 BO-3 BO-4 BO-5
6"x6" TEE
99'
6"x6" TEE
TYPE 7 CURB
6"x6" TEE
17'
6" 90° BEND
20'
6"x6" TEE
182
℄ RAMP S
181
CURVE DATA P.I. = STA. 181+46.32 Δ = 16°56'44" LT Dc = 16°00'00" R = 358.10' L = 105.91' E = 3.95' STA. 181+88.47, ℄ RAMP S OFF. 31.80' RT.
TYPE 7 CURB
20' x 12' DUMPSTER CONCRETE PAD
FE-1
CP-1
STA. 180+95.14, ℄ RAMP S OFF. 136.97' RT.
STA. 14+70.60 OFF. 162.00' RT.
STA. 14+75.60 OFF. 141.99' RT. Δ = 89°53'03" R = 5.00' L = 7.84'
STREAM 1
WETLAND A

SHEET NO.	CROSS REFERENCES
P.24	ROADWAY SUBSUMMARY
P.25	DRAINAGE SUBSUMMARY
P.30 - P.32	PLAN AND PROFILE - RAMP R
P.34 - P.37	PLAN AND PROFILE - RAMP S
P.78	GRADING PLAN - TRUCK PARKING
P.78	DUMPSTER DETAILS
P.100 - P.105	LIGHTING PLANS

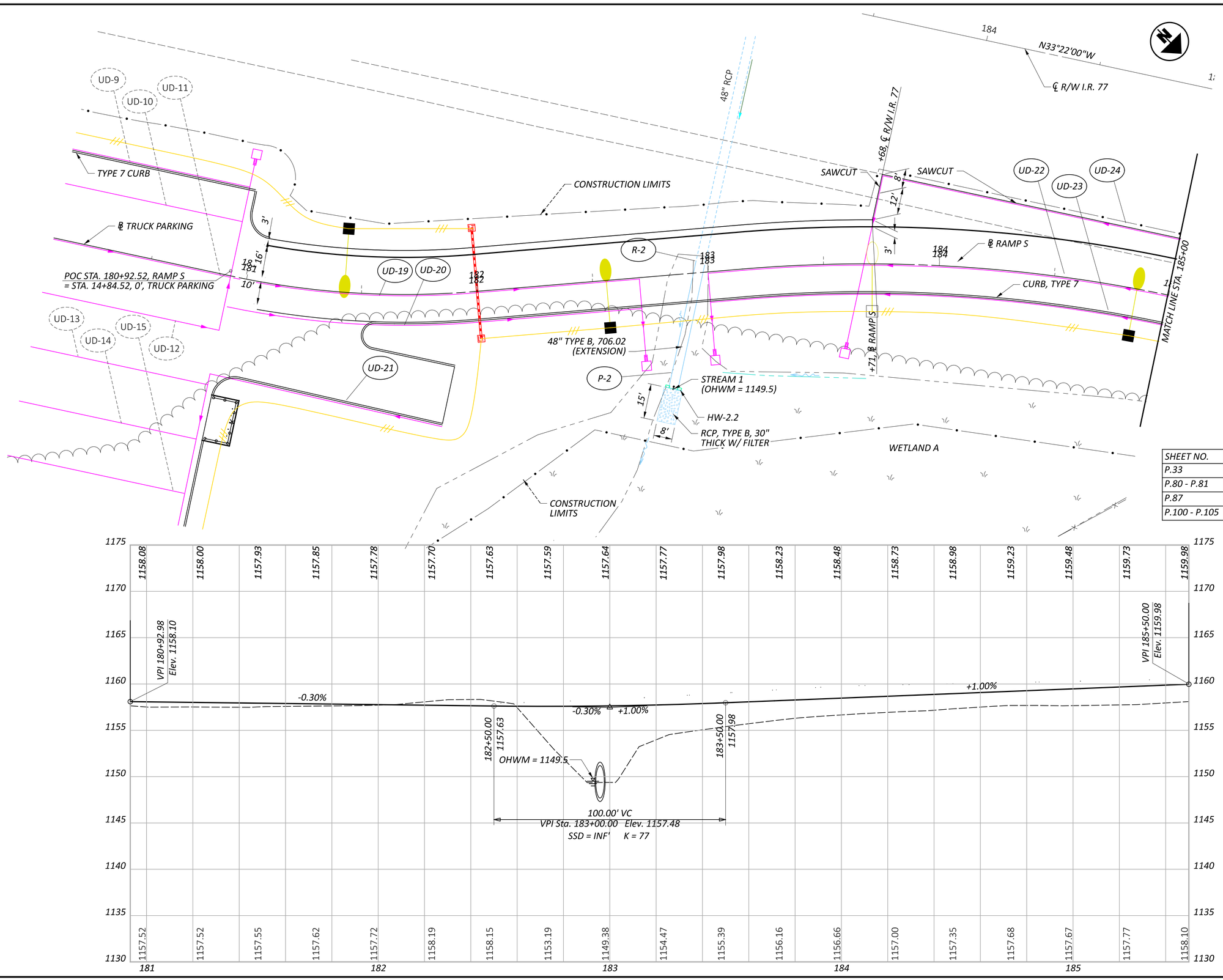


HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - TRUCK PARKING STA. 10+00 TO STA. 14+84.97

DESIGN AGENCY
STONE ENVIRONMENTAL, ENGINEERING & SCIENCE

DESIGNER	KLG
REVIEWER	BAT 10/21/25
PROJECT ID	122880
SHEET	P.31
TOTAL	112



SHEET NO.	CROSS REFERENCES
P.33	PLAN AND PROFILE - TRUCK PARKING
P.80 - P.81	TERMINAL DETAILS - RAMP S
P.87	DRAINAGE PROFILES
P.100 - P.105	LIGHTING PLANS

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP S
STA. 180+92.98 TO STA. 185+00

DESIGN AGENCY
STONE ENVIRONMENTAL, ENGINEERING & SCIENCE

DESIGNER KLG
REVIEWER BAT 10/21/25
PROJECT ID 122880
SHEET P.32 TOTAL 112

SUM-IR-77-VACANT REST AREA TP

MODEL: BLP_R07TS - Plan 1 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 12/11/2025 TIME: 1:20:51 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_UTPen.tbl USER: francesrourke@stoneenvironmental.com WORKSPACE: OHDOTCEv02 WORKSET: 122880 PRODUCT: OpenRoadsDesigner 24.00.00.205
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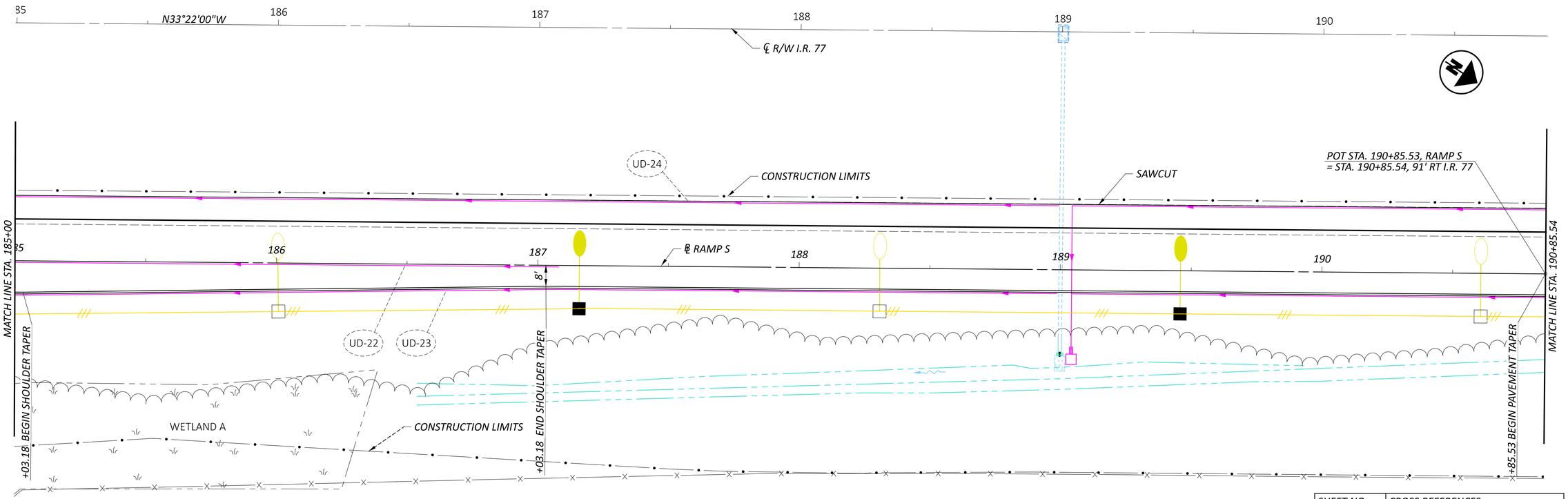
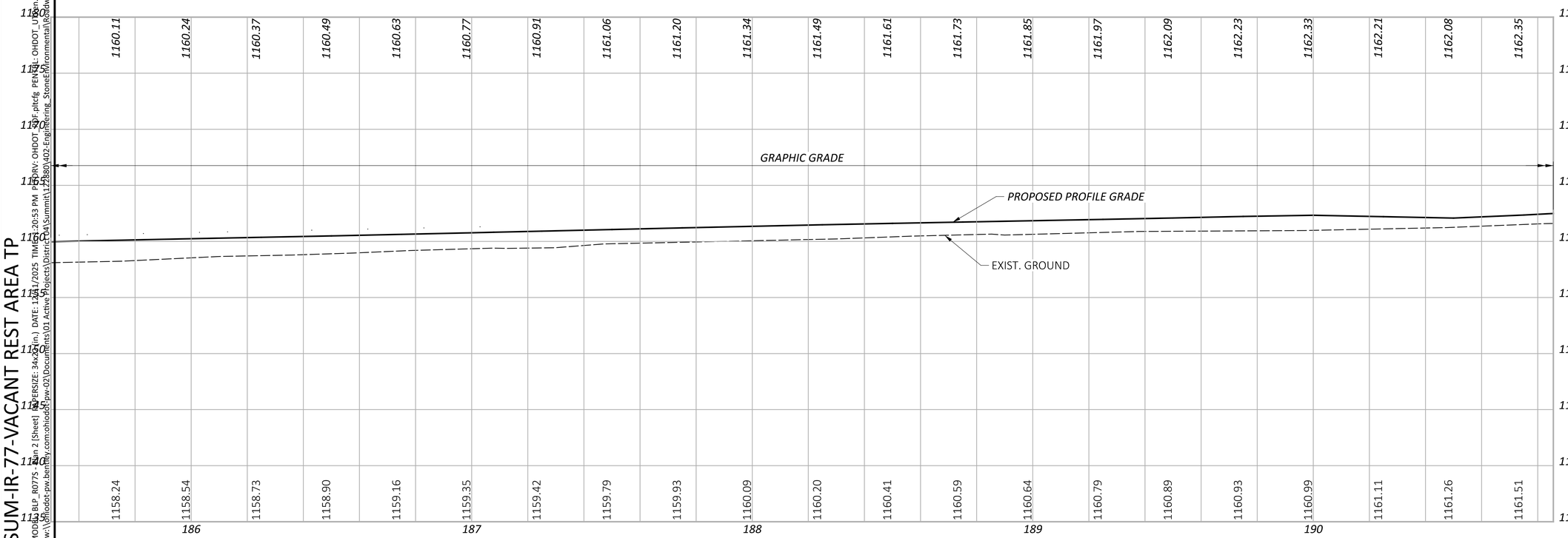


SHEET NO.	CROSS REFERENCES
P.80 - P.81	TERMINAL DETAILS - RAMP S
P.87	DRAINAGE PROFILES
P.100 - P.105	LIGHTING PLANS



HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE - RAMP S
STA. 185+00 TO STA. 190+85.54

DESIGN AGENCY
STONE ENVIRONMENTAL, ENGINEERING & SCIENCE

DESIGNER	KLG
REVIEWER	BAT 10/21/25
PROJECT ID	122880
SHEET	P.33
TOTAL	112

SUM-IR-77-VACANT REST AREA TP

MODEL: RLP_R075 - Plan 2 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 12/31/2025 TIME: 2:20:53 PM PLOTDRV: OHDOT_Color.pltcfg PENTBL: OHDOT_Color.tbl USER: francesrourke@stoneenvironmental.com WORKSPACE: OHDOTCEv02 WORKSET: 122880 PRODUCT: OpenRoadsDesigner 24.00.00.205
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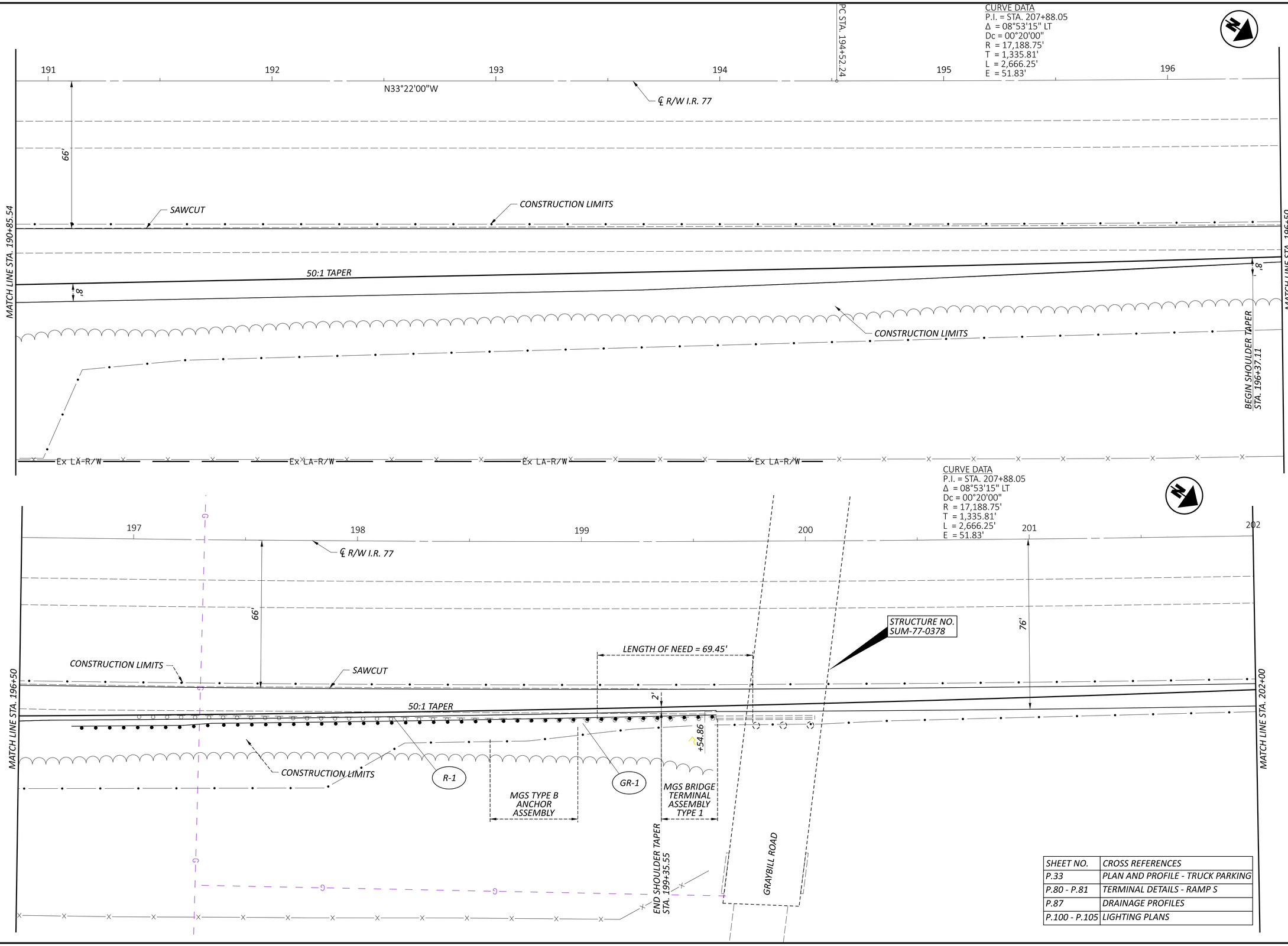
SUM-IR-77-VACANT REST AREA TP



SHEET NO.	CROSS REFERENCES
P.33	PLAN AND PROFILE - TRUCK PARKING
P.80 - P.81	TERMINAL DETAILS - RAMP S
P.87	DRAINAGE PROFILES
P.100 - P.105	LIGHTING PLANS

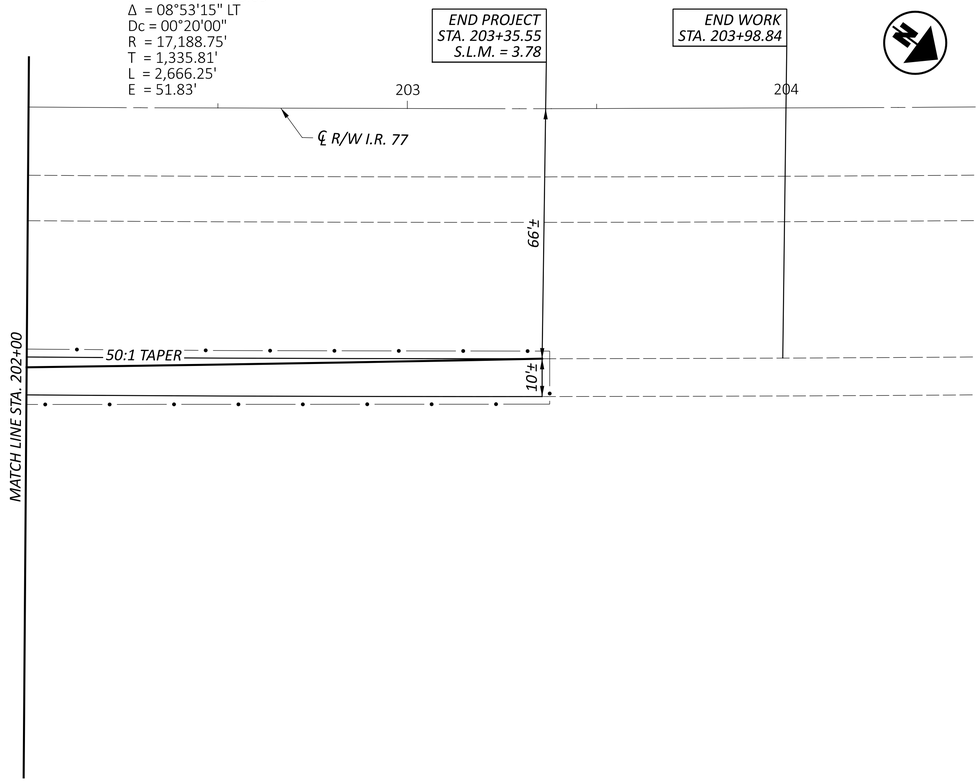
HORIZONTAL
SCALE IN FEET
0 10 20 40

PLAN - I.R. 77 (RAMP S ACCELERATION)
STA. 190+85.54 TO STA. 197+50

DESIGN AGENCY
STONE ENVIRONMENTAL, ENGINEERING & SCIENCE

DESIGNER	KLG
REVIEWER	BAT 10/21/25
PROJECT ID	122880
SHEET	P.34
TOTAL	112

CURVE DATA
P.I. = STA. 207+88.05
Δ = 08°53'15" LT
Dc = 00°20'00"
R = 17,188.75'
T = 1,335.81'
L = 2,666.25'
E = 51.83'



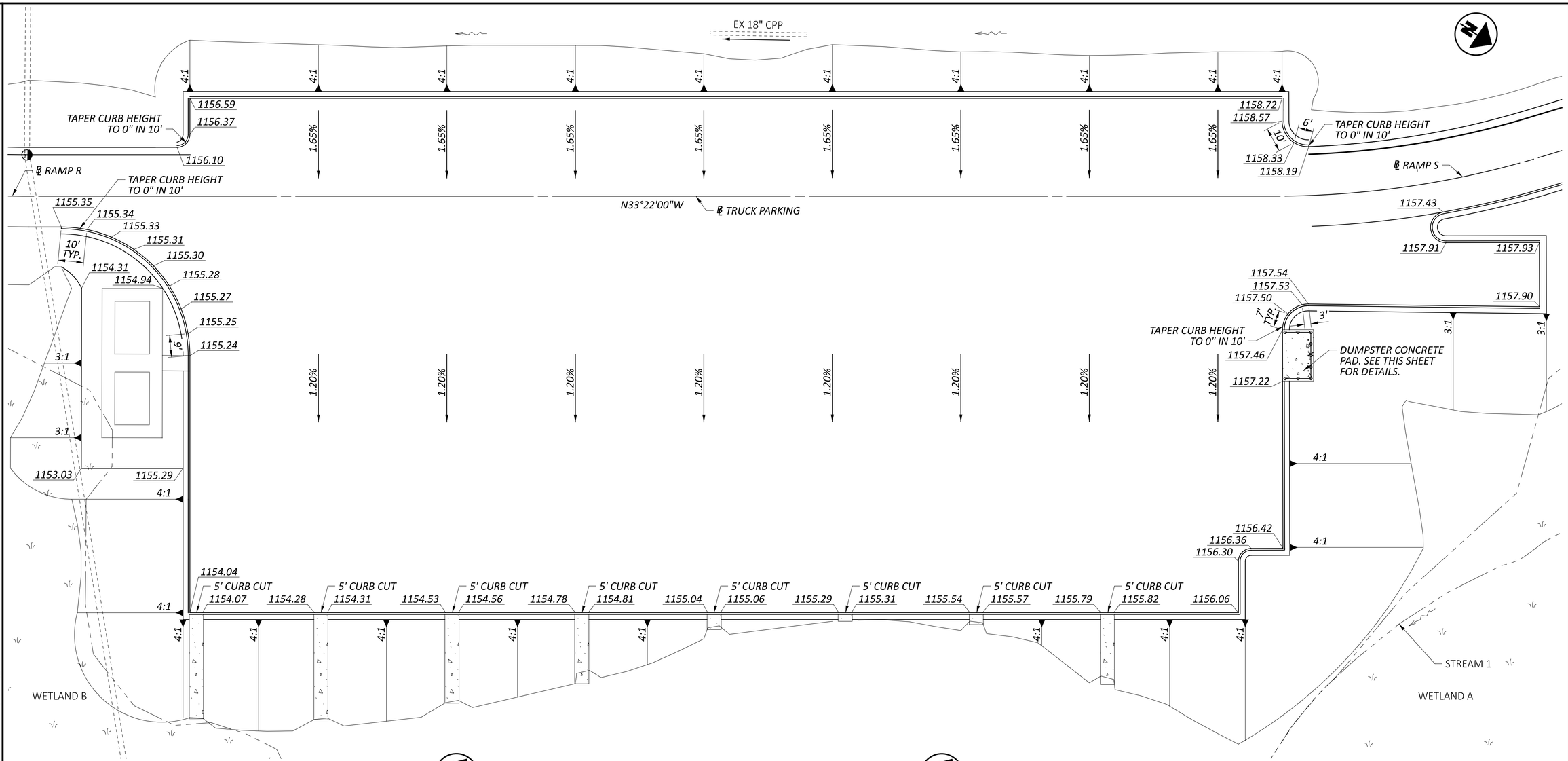
SHEET NO.	CROSS REFERENCES
P.33	PLAN AND PROFILE - TRUCK PARKING
P.80 - P.81	TERMINAL DETAILS - RAMP S
P.100 - P.105	LIGHTING PLANS

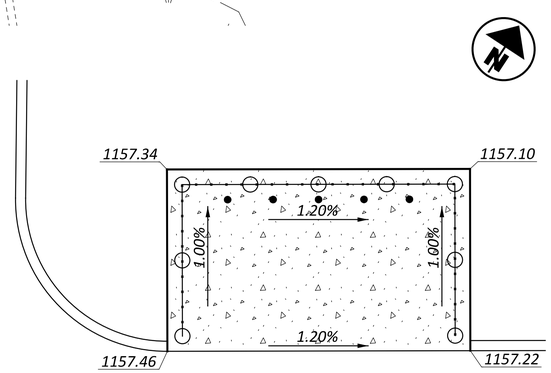
HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN - I.R. 77 (RAMP S ACCELERATION)
STA. 197+50 TO END PROJECT

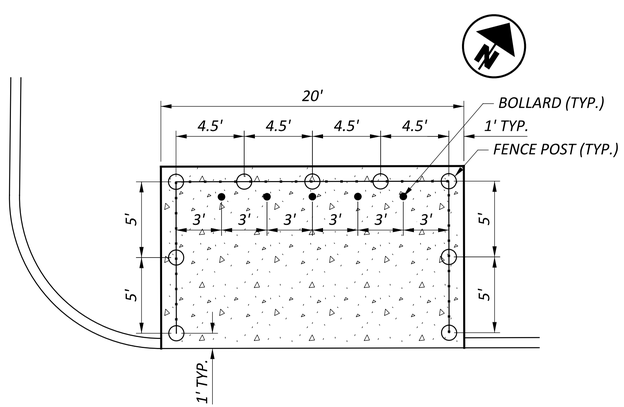
DESIGN AGENCY
STONE ENVIRONMENTAL, ENGINEERING & SCIENCE

DESIGNER KLG
REVIEWER BAT 10/21/25
PROJECT ID 122880
SHEET P.35 TOTAL 112





DUMPSTER CONCRETE PAD GRADING DETAIL
SCALE: 1" = 5'



DUMPSTER ENCLOSURE DETAIL
SCALE: 1" = 5'

NOTE:
ALL ELEVATIONS ALONG THE CURB ARE AT FACE OF CURB ELEVATIONS (EDGE OF PAVEMENT). ADD 10" IN AREAS OF FULL HEIGHT CURB AND 0" IN AREA OF DROP CURB TO OBTAIN TOP OF CURB ELEVATIONS.

SHEET NO.	CROSS REFERENCES
P.30 - P.32	PLAN AND PROFILE - RAMP R
P.33	PLAN AND PROFILE - TRUCK PARKING
P.34 - P.37	PLAN AND PROFILE - RAMP S
P.100 - P.105	LIGHTING PLANS

HORIZONTAL SCALE IN FEET
0 10 20 40

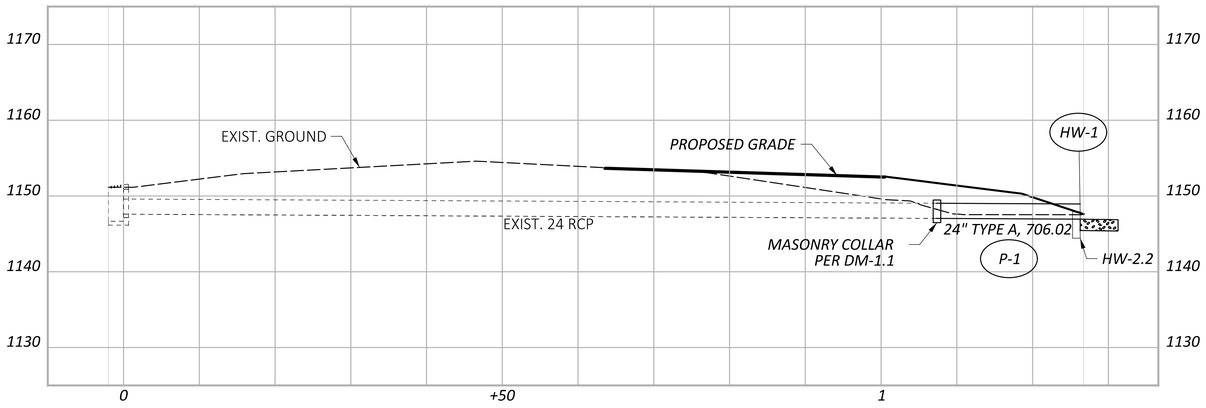
GRADING PLAN - TRUCK PARKING

DESIGN AGENCY
STONE ENVIRONMENTAL, ENGINEERING & SCIENCE

DESIGNER KLG
REVIEWER BAT 10/21/25
PROJECT ID 122880
SHEET P.76 TOTAL 112

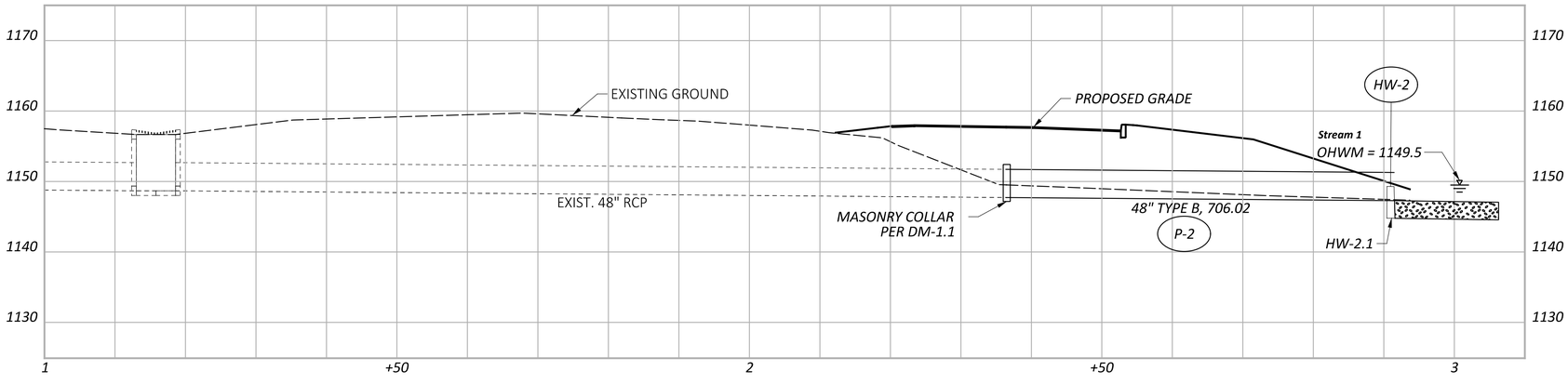
SUM-IR-77-VACANT REST AREA TP

MODEL: CLP_1 - Plan [Sheet] PAPERSIZE: 34x22 (in.) DATE: 12/11/2025 TIME: 1:49:38 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: francesrourke@stoneenvironmental.com WORKSPACE: OHDOTCEv02 WORKSET: 122880 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 04\Summit\122880\02-Engineering_StoneEnvironmental\Roadway\Sheets\122880_XG201.dgn

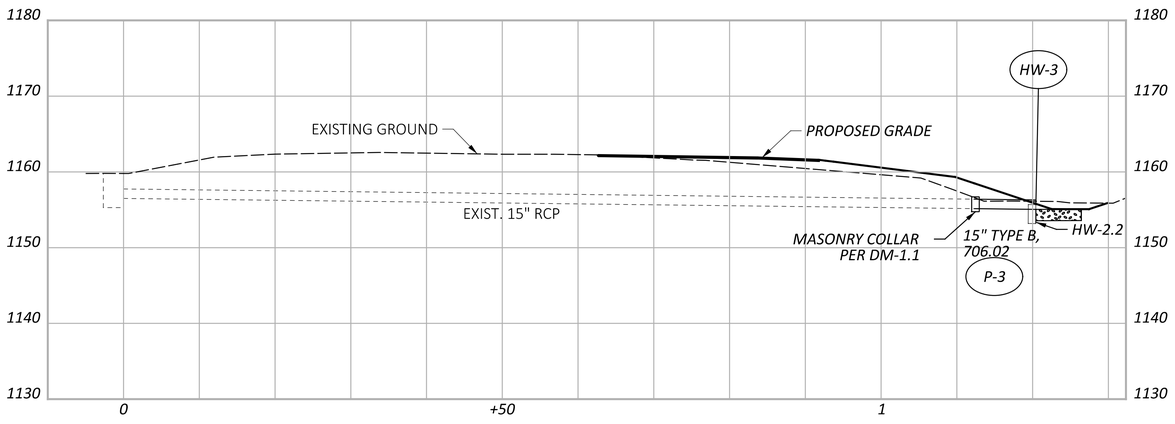


CULVERT
STA. 171+59.34, ℄ R/W I.R. 77
STA. 171+59+92, ℄ RAMP R

DRAINAGE CONDUIT DETAILS										
REF NO.	CFN	LENGTH (FT)	SIZE	TYPE	SLOPE	START STRUCT. REF. NO.	START INVERT ELEV.	STOP STRUCT. REF. NO.	STOP INVERT ELEV.	EXISTING DISPOSITION
P-1	1870240	23	24"	TYPE A, 706.02	0.50%	MASONRY COLLAR	1147.04	HW-1	1146.95	
P-2	1837624	59	48"	TYPE B, 706.02	0.80%	MASONRY COLLAR	1147.72	HW-2	1147.28	
P-3	1870242	12	15"	TYPE A, 706.02	1.20%	MASONRY COLLAR	1155.12	HW-3	1155.05	



CULVERT
STA. 183+00, ℄ R/W I.R. 77
STA. 182+59.92, ℄ RAMP S



CULVERT
STA. 189+00, ℄ R/W I.R. 77

DRAINAGE PROFILES

SUM-IR-77-VACANT REST AREA TP

MODEL: Storm Sewer Profiles [Sheet] PAPERSIZE: 34x22 (in.) DATE: 12/11/2025 TIME: 1:28:12 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: francesrourke@stoneenvironmental.com WORKSPACE: OHDOTCEv02 WORKSET: 122880 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 04\Summit\122880\402-Engineering_StoneEnvironmental\Drainage\Sheets\122880_DF201.dgn

DESIGN AGENCY
STONE ENVIRONMENTAL, ENGINEERING & SCIENCE
DESIGNER KLG
REVIEWER BAT 10/21/25
PROJECT ID 122880
SHEET P.85 TOTAL 112

US Army Corps of Engineers
Huntington District

Permit Number: 2026-00293-TUS

Name of Permittee: Ohio Department of Transportation

Date of Issuance: March 20, 2026

Upon completion of the activity authorized by this permit and any mitigation required by the permit, sign this certification and return it to the following address:

U.S. Army Corps of Engineers - Huntington District
502 Eighth Street
Huntington, West Virginia 25701-2070

Please note that your permitted activity is subject to a compliance inspection by an U.S. Army Corps of Engineers representative. If you fail to comply with this permit, you are subject to permit suspension, modification, or revocation.

I hereby certify that the work authorized by the above-referenced permit has been completed in accordance with the terms and conditions of the said permit, and required mitigation was completed in accordance with the permit conditions.

_____ _____
Signature of Permittee Date