

UTILITIES

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

AES OHIO
1900 DRYDON ROAD
DAYTON, OH 45439
AARON HUFFMAN
AHUFFMAN@TRCCOMPANIES.COM
BILL WARD
WILLIAM.WARD@AES.COM
937-554-9063

AT&T
323 WOODMAN DRIVE
DAYTON, OH 45439
HOWARD LAUDERMILK
HL1596@ATT.COM
937-296-3588
ALAN STUTES
AS1634@AT&T.COM
937-708-1026

MONTGOMERY CO
WATER/ SANITARY
1850 SPAULDING RD
DAYTON, OH 45432
EDWARD SCHLAACK
SCHLAACKE@MCOHIO.ORG
937-781-2632

MIAMI VALLEY LIGHTING
1065 WOODMAN DRIVE
DAYTON, OH 45432
ROBYN LIVESAY
ROBYN.LIVESAY@AES.COM
937-259-7193
NAOMI SAURO
NAOMI.SAURO@AES.COM
937-613-1651

SPECTRUM (CHARTERR COMMUNICATION)
3691 TURNER ROAD
DAYTON, OH 45415
EIN WHATLEY
EIN.WHATLEY@CHARTER.COM
937-426-6854

LUMEN
LUMAN/BRIGHTSPEED.COM
TERRY SPAW
TERRY.SPAW@LUMEN.COM
RELOCATIONS@LUMEN.COM
513-644-8933

CHARTER
3691 TURNER RD
DAYTON, OH 45415
MARY EVANS
MARY.EVANS@CHARTER.COM
937-396-8611

CITY OF MORaine
4200 DRYDEN RD
MORaine, OH 45439
LAUREN ALVARADO
LALVARADO@MORaineOHIO.GOV
937-535-1031
BENJAMIN LYNCH
BLYNCH@MORaineOHIO.GOV
937-535-1036

BRIGHTSPEED
JORDAN LANGSTON
JORDAN.LANGSTON@BRIGHTSPEED.COM
RELOCATIONS@CENTURYLINK.COM
937-376-1528

CITY OF DAYTON,
DEPARTMENT OF WATER,
CONSTRUCTION INSPECTION,
WATER, SANITARY AND STORM
320 WEST MONUMENT AVENUE
DAYTON, OH 45402
937-333-3725.

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.

RTA CONTACT INFO:
(TRANSPORTATION SYSTEM MENAGEMENT)

THOMAS LEE NICHOLS JR. (FIXED ROUTE MANAGER)
OFFICE: (937) 425-8625 | FAX: (937) 425-8522
TNICHOLS@GREATERDAYTONRTA.ORG
AND
NATHAN OWENS (MANAGER OF PLANNING & SERVICE DEVELOPMENT)
OFFICE: (937) 425-8350 | FAX: (937) 425-8413
NOWENS@GREATERDAYTONRTA.ORG

SURVEYING PARAMETERS

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

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

PROJECT CONTROL
POSITIONING METHOD: ODOT VRS
MONUMENT TYPE: IRON PIN AND CAP

VERTICAL POSITIONING
ORTHOMETRIC HEIGHT DATUM: NAVD88
GEOID: 18 (CONUS)

HORIZONTAL POSITIONING
REFERENCE FRAME: NAD83 (2011)
ELLIPSOID: GRS80
MAP PROJECTION: LAMBERT CONFORMAL
COORDINATE SYSTEM: OHIO SOUTH (3402)
COMBINED SCALE FACTOR: 0.999924193
ORIGIN OF COORDINATE SYSTEM: 0, 0, 0

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.

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 150 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
FORTH WORTH, TX 76177
FAX: (817) 222-5920
HTTP://CEAAA.FAA.GOV

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

ITEM 204 PROOF ROLLING, AS PER PLAN

A LOADED TANDEM AXLE DUMP TRUCK SHALL BE USED IN LIEU OF A TRADITIONAL PROOF ROLLER.

ITEM 606 - ANCHOR ASSEMBLY, MGS TYPE E

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

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

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

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

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

ITEM 609 CURB TYPE 6, AS PER PLAN

CURB SHALL BE CONCRETE BARRIER CURB PER CITY OF DAYTON STANDARD DRAWING "STANDARDS FOR STREET IMPROVEMENTS CURB AND GUTTER DETAILS" 14A-17113.

ITEM 608 - 4" CONCRETE WALK AS PER PLAN

ALL LABOR AND MATERIALS NECESSARY TO CONSTRUCT THE WALK INCLUDING SUBGRADE COMPACTION AND ITEM 304 AGREGATE BASE SHALL BE INCLUDED FOR PAYMENT WITH THIS ITEM. SEE MCD STANDARDS AND DETAILS (SHEET 9, 10, AND 11).

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	10 SQ. YD.
ITEM 605, AGGREGATE DRAINS	20 FT.
ITEM 611, 6" CONDUIT, TYPE F	20 FT.
ITEM 611, PRECAST REINFORCED CONCRETE OUTLET	2 EACH
ITEM 605, 6" UNCLASSIFIED PIPE UNDERDRAINS	20 FT.

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

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	787 CY
659, SEEDING AND MULCHING	7090 SY
659, REPAIR SEEDING AND MULCHING	355 SY
659, COMMERCIAL FERTILIZER	0.96 TON
659, LIME	1.47 ACRES
659, WATER	38.29 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.

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. MCD SHALL BE RESPONSIBLE FOR MAINTENANCE.

ITEM 611 DRAINAGE STRUCTURE, MISC.: CLEANOUT ADJUSTED TO GRADE

THIS ITEM SHALL BE PERFORMED IN ACCORDANCE WITH C&MS 611.

MIAMI VALLEY LIGHTING

THE CONTRACTOR MUST PROVIDE MIAMI VALLEY LIGHTING (MVL) WITH AT LEAST 5 WEEKS' NOTICE PRIOR TO THE START OF CONSTRUCTION IN ORDER FOR MVL TO BE ABLE TO REMOVE THE EXISTING LIGHT POLES WITHIN THE PROJECT LIMITS.

BEGIN CONSTRUCTION

THE CONTRACTOR CANNOT BEGIN CONSTRUCTION ON THE PROJECT UNTIL MARCH 1, 2027.



ITEM 614, MAINTAINING TRAFFIC (AT ALL TIMES)

(STA. 102+97.08 TO STA. 115+62.24)

A MINIMUM OF 1 LANE OF SIGNALIZED TWO-WAY TRAFFIC ON CARILLON BOULEVARD SHALL BE MAINTAINED AT ALL TIMES BY USE OF THE EXISTING PAVEMENT, THE COMPLETED PAVEMENT, AND ITEM 615 PAVEMENT FOR MAINTAINING TRAFFIC IN ACCORDANCE WITH STANDARD DRAWINGS MT-96.11, MT 96.20, AND MT-96.26. PROVIDE BIKE LANE MARKINGS IN THE TEMPORARY BIKE LANE AT 200' SPACING PER STANDARD DRAWING TC-71.10. PROVIDE FLAGGING FOR BICYCLE TRAFFIC WHEN WORK ENCROACHES IN THE TEMPORARY BIKE LANE.

(STA. 115+62.24 TO STA. 141+60.23)

A MINIMUM OF 1 LANE OF TRAFFIC IN EACH DIRECTION ON CARILLON BOULEVARD SHALL BE MAINTAINED AT ALL TIMES BY USE OF THE EXISTING PAVEMENT, THE COMPLETED PAVEMENT, AND ITEM 615 PAVEMENT FOR MAINTAINING TRAFFIC EXCEPT AS NOTED. CONTRACTOR SHALL MAINTAIN ONE LANE OF TWO-WAY TRAFFIC ON CARILLON BOULEVARD IN ACCORDANCE WITH STANDARD DRAWING MT-97.10 WHEN CONSTRUCTION ACTIVITIES REQUIRE ADDITIONAL WIDTH BEYOND WHAT IS SHOWN ON THE MAINTENANCE OF TRAFFIC TYPICAL SECTIONS SHOWN ON SHEET 13.

A MINIMUM OF 2 LANES OF TRAFFIC ON NORTHBOUND SOUTH PATTERSON BOULEVARD SHALL BE MAINTAINED AT ALL TIMES BY USE OF THE EXISTING PAVEMENT. A MINIMUM OF 1 LANE OF TRAFFIC ON SOUTHBOUND SOUTH PATTERSON BOULEVARD SHALL BE MAINTAINED AT ALL TIMES BY USE OF THE EXISTING PAVEMENT PER SCD MT-95.30.

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

BICYCLE TRAFFIC FOR THE GREAT MIAMI RIVER TRAIL SHALL BE MAINTAINED AT ALL TIMES VIA CARILLON BOULEVARD AND SOUTH PATTERSON BOULEVARD. PROVIDE 8' WIDE ITEM 615 PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B BETWEEN THE EXISTING GREAT MIAMI TRAIL AND THE TAIT STATION PARKING LOT TO PROVIDE BICYCLE ACCESS FROM THE TRAIL THROUGH THE PARKING LOT TO CARILLON BOULEVARD. BICYCLE ACCESS SHALL BE PROVIDED THROUGH THE TAIT STATION PARKING LOT DURING ALL TIMES THE ADJACENT GREAT MIAMI RIVER TRAIL IS INACCESSIBLE DURING CONSTRUCTION. SEE DETOUR ON SHEET 14.

MAINTAIN VEHICULAR ACCESS TO THE TAIT STATION SUBSTATION DRIVE AT ALL TIMES.

VEHICULAR TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH THE MAINTENANCE OF TRAFFIC TYPICAL SECTIONS SHOWN ON SHEET 13, THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, AND THE FOLLOWING STANDARD DRAWINGS

MT-95.30	REVISED	7/18/2025
MT-97.10	REVISED	7/18/2025
MT-99.20	REVISED	4/19/2019
MT-101.90	REVISED	7/17/2020
MT-102.20	REVISED	4/19/2019
MT-105.10	REVISED	1/17/2020

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

OVERNIGHT TRENCH CLOSING

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

TRENCH FOR WIDENING

TRENCH EXCAVATION FOR BASE WIDENING SHALL BE ONLY ON ONE SIDE OF THE PAVEMENT AT A TIME. THE OPEN TRENCH SHALL BE ADEQUATELY MAINTAINED AND PROTECTED WITH DRUMS OR BARRICADES AT ALL TIMES. PLACEMENT OF PROPOSED SUBBASE AND BASE MATERIAL SHALL FOLLOW AS CLOSELY AS POSSIBLE BEHIND EXCAVATION OPERATIONS. THE LENGTH OF WIDENING TRENCH WHICH IS OPEN AT ANY ONE TIME SHALL BE HELD TO A MINIMUM AND SHALL AT ALL TIMES BE SUBJECT TO APPROVAL OF THE ENGINEER. STEEL PLATES SHALL BE USED TO PROTECT ANY OPEN STORM SEWER TRENCHES WHEN NOT ACTIVELY WORKING.

DUST CONTROL

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

ITEM 616, WATER 1 M. GAL.

WORK ZONE MARKINGS

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR WORK ZONE PAVEMENT MARKINGS PER THE REQUIREMENTS OF C&MS 614.04 AND 614.11.

ITEM 614 - WORK ZONE EDGE LINE, CLASS I, 4" 1.25 MILE
ITEM 614 - WORK ZONE CENTER LINE, CLASS I 0.49 MILE
ITEM 614 - WORK ZONE STOP LINE, CLASS I 24 FT
ITEM 614 - WORK ZONE MARKING, MISC.: 8 EACH
BIKE LANE SYMBOL MARKING

ITEM 615 - PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR TEMPORARY PAVEMENT.

ITEM 615 - PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B 95 SQ. YD.

NOTIFICATION OF TRAFFIC RESTRICTIONS

THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS SUBMITTED IN A TIMELY MANNER TO ALLOW THE PROJECT ENGINEER TO MEET THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE BELOW TO INFORM THE SPECIAL HAULING PERMITS SECTION (HAULING.PERMITS@DOT.OHIO.GOV) AND THE DISTRICT PUBLIC INFORMATION OFFICE (PIO). THIS NOTIFICATION SHALL BE RECEIVED BY THE PROJECT ENGINEER PRIOR TO THE PHYSICAL SETUP OF ANY APPLICABLE SIGNS OR MESSAGE BOARDS.

INFORMATION SHOULD INCLUDE, BUT IS NOT LIMITED TO, ALL CONSTRUCTION ACTIVITIES THAT IMPACT OR INTERFERE WITH TRAFFIC AND SHALL LIST THE SPECIFIC LOCATION, TYPE OF WORK, ROAD STATUS, DATE AND TIME OF RESTRICTION, DURATION OF RESTRICTION, NUMBER OF LANES MAINTAINED, NUMBER OF LANES CLOSED, MINIMUM VERTICAL CLEARANCE, MINIMUM WIDTH OF DRIVABLE PAVEMENT, DETOUR ROUTES, IF APPLICABLE, AND ANY OTHER INFORMATION REQUESTED BY THE PROJECT ENGINEER.

NOTIFICATION OF TRAFFIC RESTRICTIONS TIME TABLE

ITEM	DURATION OF CLOSURE	NOTICE DUE TO PERMITS & PIO
ROAD CLOSURES	>= 2 WEEKS	21 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HOURS	14 CALENDAR DAYS PRIOR TO CLOSURE
	& < 2 WEEKS	PRIOR TO CLOSURE
	<= 12 HOURS	4 BUSINESS DAYS PRIOR TO CLOSURE
LANE CLOSURES & RESTRICTIONS	>= 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	< 2 WEEKS	5 BUSINESS DAYS PRIOR TO CLOSURE
	N/A	14 CALENDAR DAYS PRIOR TO IMPLEMENTATION
START OF CONSTRUCTION & TRAFFIC PATTERN CHANGES		

ANY UNFORESEEN CONDITIONS NOT SPECIFIED IN THE PLANS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE PROJECT ENGINEER USING THE NOTIFICATION TIME TABLE.

FULLY-ACTUATED OPERATION OF WORK ZONE TRAFFIC SIGNAL

THE WORK ZONE SIGNAL CONTROL REQUIRED FOR THIS PROJECT AND SHOWN IN TRAFFIC SCDS MT-96.11, 96.20 AND 96.26 SHALL BE FULLY TRAFFIC-ACTUATED AND OPERATE IN A MANNER SIMILAR TO THAT DESCRIBED IN SECTION 733.02 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS.

THE INITIAL CONTROLLER TIMING SHALL BE AS FOLLOWS:

	PHASE					
	1 (ALL RED) DUMMY PHASE	2 MAINLINE (EB)	3 (ALL RED) DUMMY PHASE	4 MAINLINE (WB)	5 (ALL RED) DUMMY PHASE	6 ARBOR BLVD.
MIN. GREEN		10		10		10
EXTENSION		4		4		4
MAX. GREEN		30		30		24
YELLOW		3.5		3.5		3.5
ALL RED	26		37		37	
RECALL	OFF	OFF	OFF	OFF	OFF	OFF

THE CONTRACTOR SHALL ALSO DESIGN, FURNISH, INSTALL AND MAINTAIN A TRAFFIC DETECTOR ON EACH TRAFFIC APPROACH WHICH WILL RELIABLY DETECT ALL LEGAL TRAFFIC APPROACHING (BUT NOT LEAVING) THE SIGNAL AS IT PASSES OR WAITS IN THE DESIGNATED DETECTOR ZONE SHOWN IN THE PLANS. DETECTOR DESIGNS WHICH DO NOT PROVIDE RELIABLE DETECTION, FREE FROM FALSE CALLS, SHALL BE IMMEDIATELY REPLACED BY THE CONTRACTOR.

THE CONTRACTOR SHALL ADJUST THE TIMING AS NECESSARY TO REDUCE CONGESTION AND DELAY AS DIRECTED BY THE ENGINEER.

PAYMENT IS INCIDENTAL TO THE LUMP SUM BID FOR ITEM 614, MAINTAINING TRAFFIC.

SEQUENCE OF CONSTRUCTION

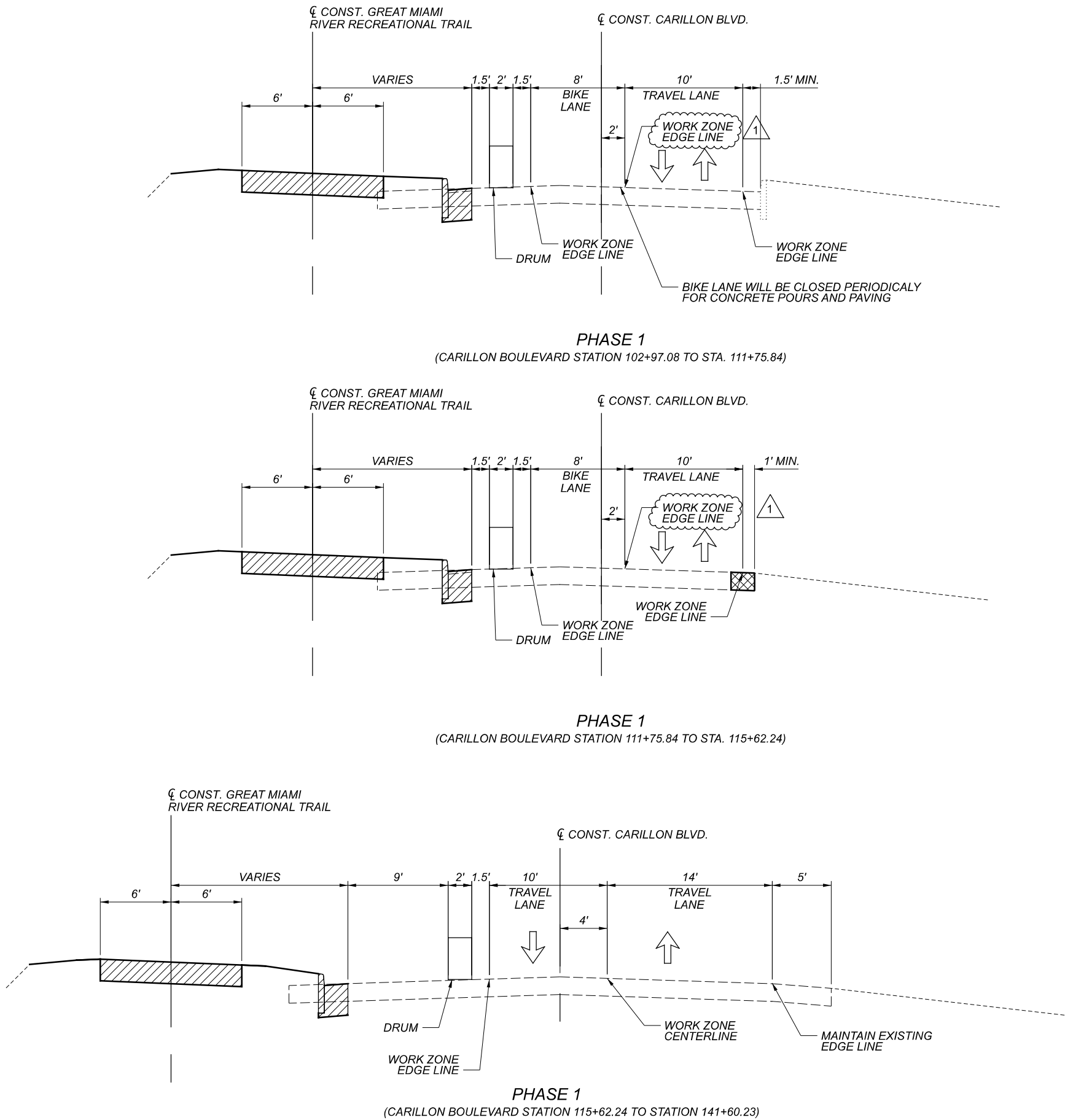
PHASE 1 CONSTRUCTION

OBJECTIVE: CONSTRUCT GREAT MIAMI RIVER RECREATIONAL TRAIL, TAIT STATION PARKING LOT, AND CARILLON BOULEVARD CURB

- CONSTRUCT TEMPORARY PAVEMENT ALONG CARILLON BOULEVARD. MAINTAIN TRAFFIC PER APPLICABLE ODOT STANDARD DRAWINGS AND THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- REMOVE CONFLICTING PAVEMENT MARKINGS FROM THE WORK ZONE ALONG CARILLON BOULEVARD AND RESTRIPE. PLACE DRUMS ALONG NEW WORK ZONE EDGE LINES. PLACE MOT SIGNING. INSTALL TEMPORARY SIGNAL IN ACCORDANCE WITH STANDARD DRAWINGS MT-96.11, MT-96.20, AND MT-MT-96.26.
- CONSTRUCT GREAT MIAMI RIVER RECREATIONAL TRAIL, TAIT STATION PARKING LOT, AND CARILLON BOULEVARD CURB

FINAL PHASE

- REMOVE WORK ZONE PAVEMENT MARKINGS. INSTALL PERMANENT TRAFFIC CONTROL.
- REMOVE TEMPORARY PAVEMENT. RESTORE CURB AT SOUTHEAST CORNER OF THE ARBOR BOULEVARD AND CARILLON BOULEVARD INTERSECTION.
- MAINTAIN TRAFFIC PER APPLICABLE ODOT STANDARD DRAWINGS AND THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.



NOTE:
1. CONTRACTOR MAY CLOSE BIKE LANE AT TIMES APPROVED BY THE ENGINEER.

LEGEND:

WORK AREA

ITEM 615 - PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B

1
REVISED 08/26/26

SHEET NUMBER											PART.		ALT (X)	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
6	7	12	17	18	19	20	113	123	124		01/s>2								
																		ROADWAY	
											LS			201	11000	LS		CLEARING AND GRUBBING	
				10,182							10,182			202	23000	10,182	SY	PAVEMENT REMOVED	
				668							668			202	30000	668	SF	WALK REMOVED	
				36							36			202	32000	36	FT	CURB REMOVED	
				86							86			202	35100	86	FT	PIPE REMOVED, 24" DIAMETER AND UNDER	
				77							77			202	38000	77	FT	GUARDRAIL REMOVED	
				5							5			202	58100	5	EACH	CATCH BASIN REMOVED	
											1,204			203	10000	1,204	CY	EXCAVATION	
											1,873			203	20000	1,873	CY	EMBANKMENT	
			13,665								13,665			204	10000	13,665	SY	SUBGRADE COMPACTION	
	50										50			204	13000	50	CY	EXCAVATION OF SUBGRADE	
	50										50			204	30020	50	CY	GRANULAR MATERIAL, TYPE C	
			7								7			204	45000	7	hour	PROOF ROLLING	
	20										20			204	50000	20	SY	GEOTEXTILE FABRIC	
				50							50			606	15050	50	FT	GUARDRAIL, TYPE MGS	
				1							1			606	26150	1	EACH	ANCHOR ASSEMBLY, MGS TYPE E	
				1							1			606	26500	1	EACH	ANCHOR ASSEMBLY, TYPE T	
					97						97			608	10000	97	SF	4" CONCRETE WALK	
				628							628			608	10001	628	SF	4" CONCRETE WALK, AS PER PLAN	6
					159						159			608	52000	159	SF	CURB RAMP	
					4,552						4,552			609	26001	4,552	FT	CURB, TYPE 6, AS PER PLAN	6
					10						10			609	98100	10	EACH	CURB, MISC.: CONCRETE PARKING BLOCK	113
				3							3			SPECIAL	68014550	3	EACH	TRASH RECEPTACLE	10
				6							6			SPECIAL	69050560	6	EACH	BICYCLE RACK	9
				1							1			SPECIAL	69098000	1	EACH	BENCH 48" BACKLESS WITH HORIZONTAL STRAP SEAT, AS PER PLAN	9
				2							2			SPECIAL	69098000	2	EACH	BENCH 72" BACKED WITH HORIZONTAL STRAP SEAT, AS PER PLAN	9
				1							1			SPECIAL	69098000	1	EACH	BENCH 72" BACKLESS WITH HORIZONTAL STRAP SEAT, AS PER PLAN	9
				2							2			SPECIAL	69098000	2	EACH	DOG WASTE STATION, AS PER PLAN	10
						1					1			SPECIAL	69098000	1	EACH	GROUND WATER MONITORING WELL ADJUST TO GRADE	20
																		EROSION CONTROL	
10											10			601	21050	10	SY	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT	
2											2			659	00100	2	EACH	SOIL ANALYSIS TEST	
787						132	31				950			659	00300	950	CY	TOPSOIL	
7,090							274				7,364			659	10000	7,364	SY	SEEDING AND MULCHING	
355							14				369			659	14000	369	SY	REPAIR SEEDING AND MULCHING	
0.96							0.04				1			659	20000	1	TON	COMMERCIAL FERTILIZER	
1.47							0.06				1.53			659	31000	1.53	ACRE	LIME	
38.29							1.49				39.78			659	35000	39.78	MGAL	WATER	
						1,184					1,184			671	15000	1,184	SY	EROSION CONTROL MAT, TYPE A	
											LS			832	15000	LS		STORM WATER POLLUTION PREVENTION PLAN	
											LS			832	15002	LS		STORM WATER POLLUTION PREVENTION INSPECTIONS	
											LS			832	15010	LS		STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE	
											70,700			832	30000	70,700	EACH	EROSION CONTROL	
																		DRAINAGE	
						1					1			602	20000	1	CY	CONCRETE MASONRY	
				3,418							3,418			605	11110	3,418	FT	6" SHALLOW PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC	
20											20			605	13300	20	FT	6" UNCLASSIFIED PIPE UNDERDRAINS	
20											20			605	31100	20	FT	AGGREGATE DRAINS	
20						260					280			611	01500	280	FT	6" CONDUIT, TYPE F	
							15				15			611	98150	15	EACH	CATCH BASIN, NO. 3	
							2				2			611	99574	2	EACH	MANHOLE, NO. 3	
							7				7			611	99654	7	EACH	MANHOLE ADJUSTED TO GRADE	
2											2			611	99710	2	EACH	PRECAST REINFORCED CONCRETE OUTLET	
							4				4			611	99900	4	EACH	DRAINAGE STRUCTURE, MISC.: CLEANOUT ADJUSTED TO GRADE	6
																		DRAINAGE ALTERNATES	
							1,724				1,724			611	04400	1,724	FT	12" CONDUIT, TYPE B (GENERIC) (ALTERNATE 1)	8
							1,724				1,724			611	04400	1,724	FT	12" CONDUIT, TYPE B (RCP C-76, CLASS 4) (ALTERNATE 2)	8
							143				143			611	04401	143	FT	12" CONDUIT, TYPE B, AS PER PLAN (GENERIC) (ALTERNATE 1)	8

1
REVISED 08/26/26

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER

RKD

REVIEWER

JLM 04/01/26

PROJECT ID

119379

SHEET

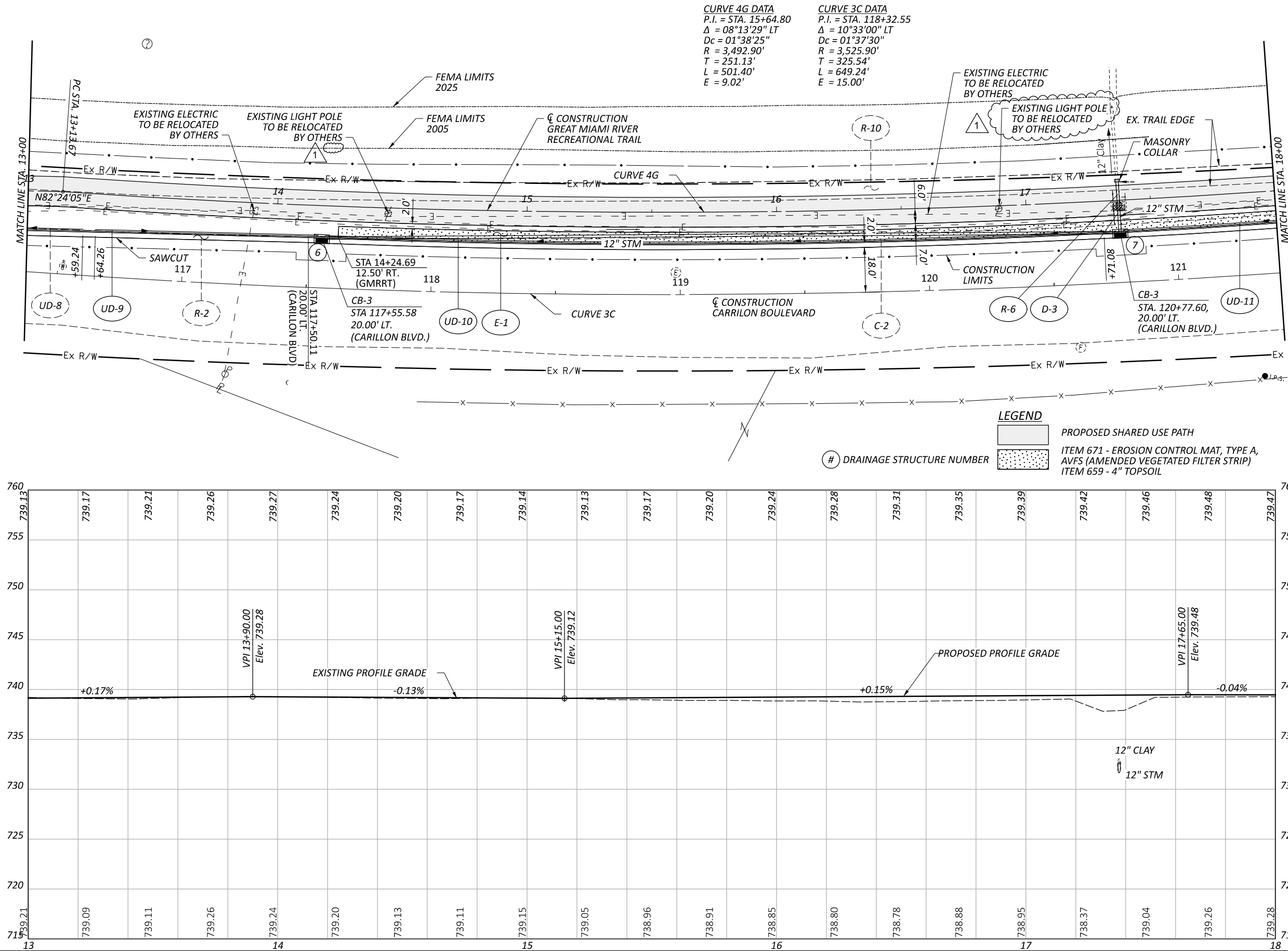
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TOTAL

132

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GENERAL SUMMARY



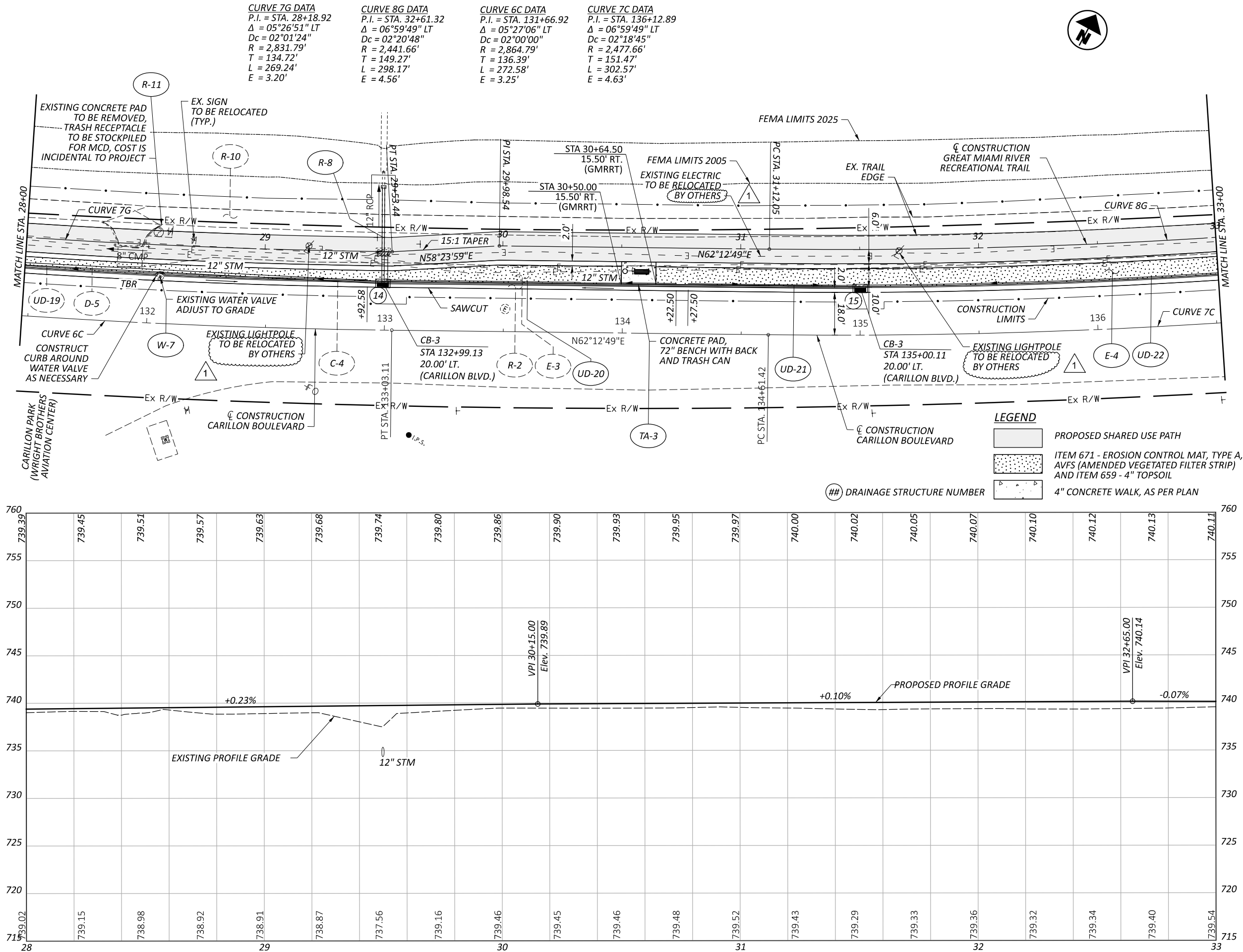
1 REVISED 08/26/26

PLAN AND PROFILE - GREAT MIAMI RIVER RECREATIONAL TRAIL
STA. 13+00.00 TO STA. 18+00.00

DESIGN AGENCY

DESIGNER
JLM
REVIEWER
DWS 04/01/26
PROJECT ID
119379
SHEET
28
TOTAL
132





1 REVISED 08/26/26

PLAN AND PROFILE - GREAT MIAMI RIVER RECREATIONAL TRAIL
STA. 28+00.00 TO STA. 33+00.00

DESIGN AGENCY



DESIGNER

JLM

REVIEWER

DWS 04/01/26

PROJECT ID

119379

SHEET

31

TOTAL

132

