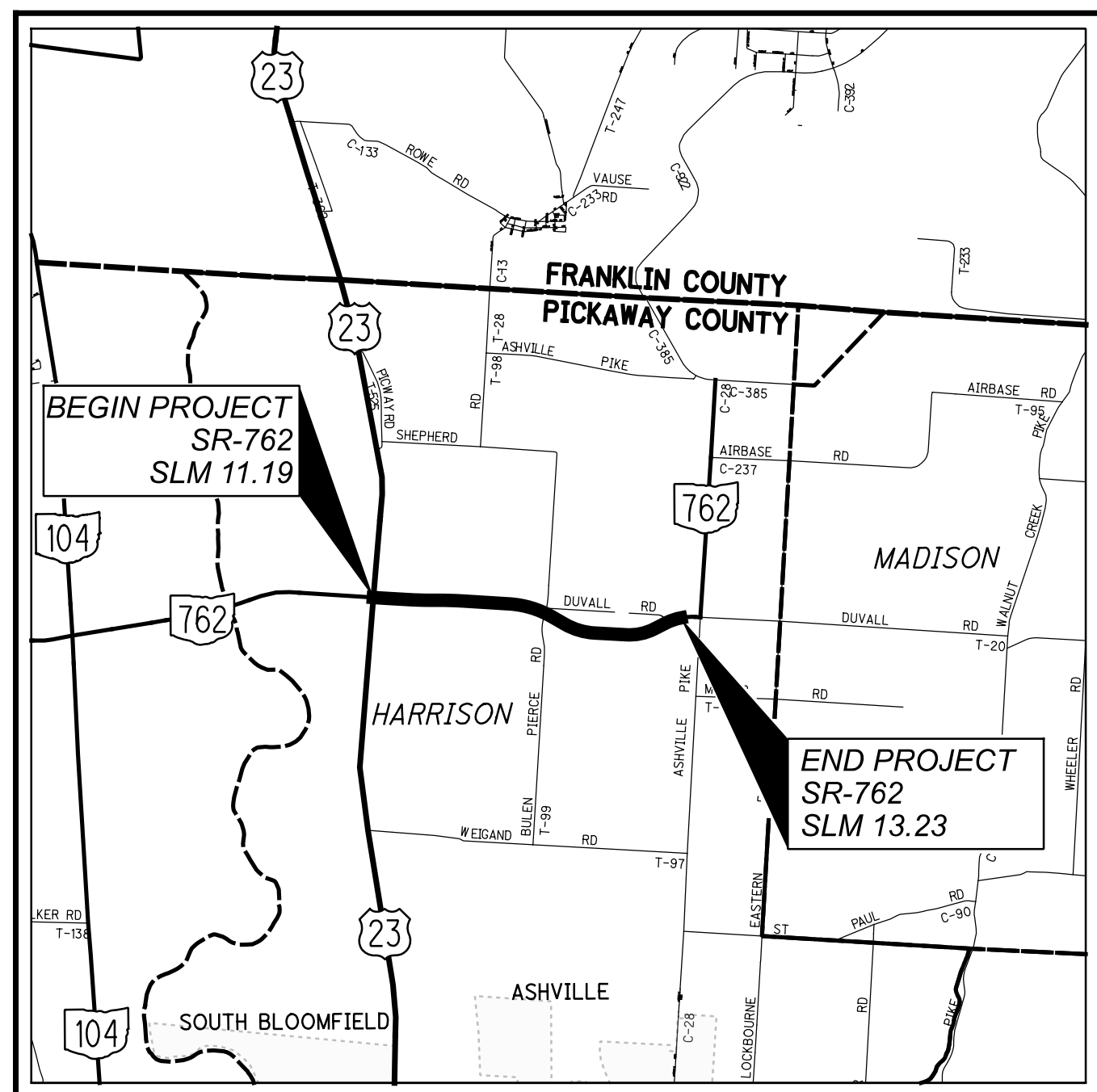


STATE OF OHIO DEPARTMENT OF TRANSPORTATION

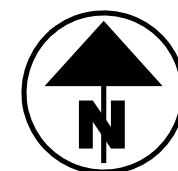
PIC-762-11.19

HARRISON TOWNSHIP
PICKAWAY COUNTY



LOCATION MAP

LATITUDE: 39° 46' 24" LONGITUDE: 82° 58' 45"



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

DESIGN DESIGNATION

CURRENT ADT (2025)	4,800
DESIGN YEAR ADT (2035)	5,900
DESIGN HOURLY VOLUME (2035)	525
DIRECTIONAL DISTRIBUTION	70 %
TRUCKS (24 HOUR B&C)	13%
DESIGN SPEED	60 MPH
LEGAL SPEED	55 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	
03 PRINCIPAL ARTERIAL (RURAL)	
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:
OHIO DEPARTMENT OF TRANSPORTATION
DISTRICT 6
IN-HOUSE DESIGN

INDEX OF SHEETS:

TITLE	P.1
SCHEMATIC PLANS	P.2 - P.3
TYPICAL SECTIONS	P.4 - P.6
TYPICAL DETAILS	P.7 - P.9
GENERAL NOTES	P.10 - P.11
MAINTENANCE OF TRAFFIC NOTES	P.12 - P.13
MAINTENANCE OF TRAFFIC PLAN	P.14 - P.15
GENERAL SUMMARY	P.16 - P.17
PAVEMENT REPAIR QUANTITIES	P.18
PLAN QUANTITIES	P.19
SR-762 PLAN	P.20 - P.34
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DRAINAGE CROSS SECTIONS	P.36
EROSION CONTROL QUANTITIES	P.37
TRAFFIC CONTROL QUANTITIES	P.38

FEDERAL PROJECT NUMBER

E241(109)

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

FULL DEPTH AND PARTIAL DEPTH PAVEMENT REPAIRS ON SR-762 IN PICKAWAY COUNTY BEGINNING AT THE US-23 INTERSECTION (SLM 11.19) AND ENDING JUST PRIOR TO THE ASHVILLE PIKE ROUNDABOUT (SLM 13.23).

PROJECT INCLUDES CONSTRUCTION OF PROPOSED CURB ALONG EXISTING SHOULDERS.

PROJECT INCLUDES GUARDRAIL WORK AT VARIOUS LOCATIONS WITHIN THE PROJECT LIMITS.

PROJECT INCLUDES MISC. DRAINAGE WORK AT VARIOUS LOCATIONS WITHIN THE PROJECT LIMITS.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA:	0.3 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	0.1 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	N/A (NOI NOT REQUIRED)

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.

Anthony C. Turowski, P.E.
District 06 Deputy Director

Pamela Boratyn
Director, Department of Transportation

STANDARD CONSTRUCTION DRAWINGS								SUPPLEMENTAL SPECIFICATIONS		SPECIAL PROVISIONS	
BP-3.1	01/19/24	HW-2.1	07/15/22	MT-95.45	07/21/23	TC-41.20	10/18/13	800	07/19/24	PIC-113406-SP	
BP-5.1	07/15/22	HW-2.2	07/20/18	MT-95.60	04/19/19	TC-41.50	10/18/13	821	04/20/12	10/31/24	
				MT-96.11	07/21/23	TC-42.20	10/18/13	832	07/19/24		
MGS-1.1	07/16/21	CB-3	07/19/24	MT-96.20	07/21/23	TC-52.10	10/18/13	878	01/21/22		
MGS-2.1	01/19/18	CB-3A	07/19/24	MT-96.26	01/18/19	TC-52.20	01/15/21	902	07/19/19		
MGS-3.1	01/19/18			MT-97.10	04/19/19	TC-61.30	07/19/24	921	04/20/12		
MGS-5.2	07/15/16	DM-1.1	07/17/20	MT-97.12	01/20/17	TC-65.10	01/17/14				
MGS-5.3	07/15/16	DM-1.2	07/16/21	MT-99.20	04/19/19	TC-65.11	01/19/24				
		DM-4.1	07/17/20	MT-101.90	07/17/20						
		DM-4.3	01/15/16	MT-105.10	01/17/20						

ENGINEER'S SEAL

PIC-762-11.19

MODEL: 113406_G101 PAPER SIZE: 34x22 (in.) DATE: 1/16/2025 TIME: 10:15:37 AM USER: frankin pvc:\ohiodot-pw-bentley.com\ohiodot-pw-02\Documents\01 Active Projects\District 06\Pickaway\113406\400-Engineering\Roadway\Sheets\113406_G101.dgn

PIC-762-11.19, PID#113406

DESIGN AGENCY	
DESIGNER	DKR JMB
REVIEWER	KLM 10/22/24
PROJECT ID	113406
SHEET	TOTAL
P.1	38

NOTIFICATION OF CONSTRUCTION INITIATION:

AT LEAST FOURTEEN DAYS PRIOR TO STARTING INITIAL CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL ADVISE OF THE ANTICIPATED START DATE OF ANY CONSTRUCTION ACTIVITIES INCLUDING BUT NOT LIMITED TO THE PLACING OF WORK ZONE SIGNS:

- DISTRICT OFFICE OF COMMUNICATIONS
d06.pio@dot.ohio.gov,
- DISTRICT WORK ZONE TRAFFIC MANAGER
d06.mot@dot.ohio.gov
- CENTRAL OFFICE SPECIAL HAUL PERMITS SECTION
hauling.permits@dot.ohio.gov

THE CONTRACTOR WILL BE IN COMMUNICATION AT ALL TIMES WITH THE CENTRAL OFFICE SPECIAL HAUL PERMITS SECTION. THE CONTRACTOR WILL BE NOTIFIED SEVERAL DAYS IN ADVANCE OF ANY PLANNED PERMITTED "SUPER LOADS". THESE "SUPER LOADS" WILL REQUIRE UP TO 26' WIDE ACCESS. THE CONTRACTOR MAY BE REQUIRED TO PHYSICALLY ADJUST DRUMS AND DIRECT TRAFFIC FOR THE SHORT WINDOW ACCOMMODATING THE PASSAGE OF THESE PERMITTED "SUPER LOADS".

THE NOTIFICATION SHALL ALSO INCLUDE THE PROJECT NUMBER, PID, NAME AND PHONE NUMBER OF THE CONTRACTOR, A POINT OF CONTACT AND THE ANTICIPATED IMPACT ON TRAFFIC. THE CONTRACTOR WILL IMMEDIATELY INFORM THE DISTRICT OFFICE OF COMMUNICATIONS AND THE DISTRICT WORK ZONE TRAFFIC MANAGER OF ANY AND ALL DELAYS AND/OR CHANGES REGARDING THE CONSTRUCTION INITIATION DATE.

GENERAL:

THE CONTRACTOR SHALL SUBMIT IN WRITING A SCHEDULE OF OPERATIONS TO THE ENGINEER (SEE 108.02) AND RECEIVE APPROVAL IN WRITING BEFORE WORK IS STARTED ON THIS PROJECT. ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED, MAINTAINED, AND REMOVED BY THE CONTRACTOR IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

CONTRACTORS EQUIPMENT - OPERATION AND STORAGE:

THE CONTRACTORS EQUIPMENT SHALL BE OPERATED IN THE DIRECTION OF TRAFFIC WHERE PRACTICAL. EQUIPMENT SHALL HAVE AT LEAST ONE AMBER FLASHING LIGHT. WHEN PARKED ALONG THE HIGHWAY, THE EQUIPMENT SHALL BE LOCATED EITHER A MINIMUM OF THIRTY FEET FROM THE EDGE OF PAVEMENT OR SIX FEET BEHIND GUARDRAIL WITH A MINIMUM OF 125 FEET OF GUARDRAIL PRECEDING THE EQUIPMENT. ALL OTHER EQUIPMENT, INCLUDING PRIVATE VEHICLES, SHALL BE STORED AT AN APPROVED CONTRACTORS STORAGE AREA.

CONTINGENCY QUANTITIES:

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK FOR ITEMS DESIGNATED BY PLAN NOTE TO BE USED "AS DIRECTED BY THE ENGINEER" UNLESS AUTHORIZED BY THE ENGINEER. THE ACTUAL WORK LOCATIONS AND QUANTITIES USED FOR SUCH ITEMS SHALL BE INCORPORATED INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT,

REMOVAL ITEMS:

UNLESS OTHERWISE INSTRUCTED, ASPHALT, GUARDRAIL, AND ANY OTHER MISCELLANEOUS ITEMS DESIGNATED FOR REMOVAL BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF. PAYMENT FOR THE ABOVE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE REMOVED ITEM.

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.

PROFILE AND ALIGNMENT:

PLACE THE PROPOSED PAVEMENT TO FOLLOW THE ALIGNMENT AND PROFILE OF THE EXISTING PAVEMENT.

UTILITIES:

THE ODOT CONTRACTOR IS REQUIRED TO CONTACT OUPS A MINIMUM OF 48 HOURS EXCLUDING WEEKENDS AND HOLIDAYS TO PERMIT ALL UNDERGROUND UTILITIES AN OPPORTUNITY TO MARK THEIR LINES. IT IS ALSO THE ODOT CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL NON-MEMBERS OF OUPS DIRECTLY A MINIMUM OF 48 HOURS' NOTICE EXCLUDING WEEKENDS AND HOLIDAYS TO PROVIDE THEM WITH THE SAME OPPORTUNITY.

IT IS ODOT'S EXPECTATION THAT ALL GUARD RAIL POSTS WILL BE INSTALLED IN THE SAME LOCATIONS AND THERE WILL BE NO DISRUPTION TO UNDERGROUND UTILITIES. IF THERE IS A UTILITY MARKING WITHIN THE TOLERANCE ZONE OF A UTILITY LOCATE FROM THE PROPOSED GUARDRAIL PLACEMENT IT IS THE ODOT CONTRACTORS RESPONSIBILITY TO DIRECTLY CONTACT THE IMPACTED UTILITY AND WORK WITH THEM TO FIND A SOLUTION THAT DOES NOT CHANGE THE GUARDRAIL PLACEMENT OR DAMAGE THE EXISTING UTILITY. NO UTILITY RELOCATION WILL BE REIMBURSED NOR WILL DELAY CLAIMS BE PERMISSIBLE BASED ON LACK OF COORDINATION BETWEEN THE ODOT CONTRACTOR AND THE IMPACTED UTILITY.

THERE ARE NO UNDERGROUND UTILITIES SHOWN ON THIS PLAN. THE NATURE OF THE WORK REQUIRED BY THIS PROJECT WILL NOT AFFECT ANY KNOWN UNDERGROUND UTILITIES THAT EXIST UNDER OR ADJACENT TO THE WORK AREA.

OHIO UTILITY PROTECTION SERVICE 1-800-362-2764
PRODUCERS UNDERGROUND PROTECTION SERVICE 1-614-587-0486
NON-MEMBERS MUST BE CALLED DIRECTLY.

ITEM 202 – PAVEMENT REMOVED, AS PER PLAN:

THIS ITEM IS TO BE USED IN CONJUNCTION WITH THE PROPOSED CURB INSTALLATION. PAVEMENT REMOVED WILL BE AN AVERAGE DEPTH OF 13.75" BUT MAY VARY IN DEPTH TO MATCH EXISTING SUBGRADES. IN ADDITION TO THIS ITEM, QUANTITIES HAVE BEEN PROVIDED FOR SAWCUTTING. IT IS THE INTENT OF THE FULL DEPTH SAWCUT TO PROVIDE A SMOOTH JOINT AT THE LIMITS OF THE REMOVAL. FOR MORE DETAILS OF THIS ITEM, SEE TYPICAL SECTION SHEETS P.5 AND P.6 .

ITEM 202 – GUARDRAIL REMOVED, AS PER PLAN:

ITEM 202 – ANCHOR ASSEMBLY REMOVED, TYPE E, AS PER PLAN:
ITEM 202 – BRIDGE TERMINAL ASSEMBLY REMOVED, AS PER PLAN:
IN ADDITION TO THE REQUIREMENTS OF ITEM 202, REMOVAL OF SPECIFIED GUARDRAIL ITEMS SHALL INCLUDE BUT NOT BE LIMITED TO ANY ATTACHED POSTS, SIGNS AND DELINEATORS (NOT OTHERWISE SPECIFIED). THIS REMOVAL WILL INCLUDE ALL POSTS, ANCHORS AND HARDWARE UNDER GROUND.

THE CONTRACTOR SHALL EXPECT TO REMOVE ALL CONCRETE FOUNDATIONS COMPLETELY AT ALL LOCATIONS UNLESS OTHERWISE INSTRUCTED OR APPROVED BY THE ENGINEER. REMOVING EXISTING CONCRETE FOUNDATION TO A MINIMUM OF 1 FOOT BELOW THE GRADE OF THE SURROUNDING AREA MAY ONLY BE PERMITTED IF THE EXISTING CONCRETE DOES NOT FALL WITHIN 6 FEET OF THE PROPOSED AS TO NOT COMPROMISE THE PERFORMANCE OF THE PROPOSED GUARDRAIL SYSTEM(S).

ALL HOLES AND VOIDS REMAINING AFTER REMOVAL OF GUARDRAIL POSTS AND FOUNDATIONS SHALL BE FILLED WITH GRANULAR MATERIAL CONFORMING TO CMS 203.02R. FILL MATERIAL CONTAINING SOD SHALL NOT BE USED. ALL FILL MATERIAL SHALL BE APPROVED BY THE ENGINEER. MATERIAL PLACED IN HOLES SHALL BE THOROUGHLY COMPACTED AND LEVELED OFF AS DIRECTED BY THE ENGINEER. PAYMENT FOR THE ABOVE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE APPLICABLE GUARDRAIL REMOVAL ITEM.

NO HAZARD SHALL BE LEFT UNPROTECTED EXCEPT FOR THE ACTUAL TIME NECESSARY TO REMOVE THE EXISTING GUARDRAIL, PREPARE THE SITE, AND INSTALL NEW GUARDRAIL IN A CONTINUOUS OPERATION. GUARDRAIL DESIGNATED FOR REMOVAL SHALL BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF.

ITEM 209 – LINEAR GRADING, AS PER PLAN:

THIS ITEM IS TO BE USED IN CONJUNCTION WITH THE PROPOSED GUARDRAIL REMOVAL AS DESCRIBED IN CMS 209. THIS ITEM OF WORK SHALL CONSIST OF LOOSENING (AND GRADING) THE EXISTING DITCH SLOPE TO PROMOTE POSITIVE DRAINAGE IN THE AREAS DISTURBED BY THE REMOVAL.

ITEM 606 - ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016):

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING ANY OF THE GUARDRAIL END TERMINALS FOR TYPE MGS GUARDRAIL AS LISTED ON ROADWAY ENGINEERING'S WEB PAGE UNDER ROADSIDE SAFETY DEVICES FOR APPROVED GUARDRAIL END TREATMENTS. INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS, IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

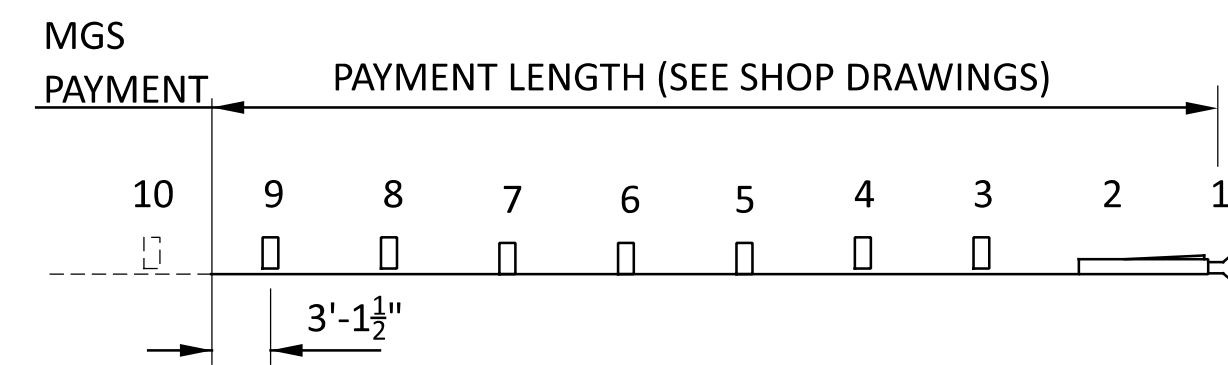
WHEN THE FACE OF THE ADJACENT (ATTACHED) GUARDRAIL IS LESS THAN 4' OFFSET FROM THE PROPOSED EDGE LINE, THE PROPOSED TYPE E ANCHOR ASSEMBLY SHALL BE INSTALLED USING A 25:1 FLARE RATE (24" OFFSET DESIGN) AS DETAILED IN THE SHOP DRAWINGS AND AS DIRECTED BY THE ENGINEER.

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

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. 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.

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 PAYMENT LIMIT (LENGTH) FOR THE PROPOSED ANCHOR ASSEMBLY, (MGS) TYPE E, SHALL BE MEASURED FROM POST 1 TO THE SPLICE BETWEEN POSTS 9 AND 10.



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 659 - GRADING AND EROSION CONTROL:

AREAS DISTURBED BY PROPOSED CONSTRUCTION ACTIVITIES, AND AREAS WHERE EMBANKMENT HAS BEEN PLACED SHALL BE REPAIRED, AS DIRECTED BY THE ENGINEER. ESTIMATED QUANTITIES HAVE BEEN PROVIDED ON SHEET P.37 .

ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE), AS PER PLAN, 6.0" :

ALL REPAIR AREAS DETAILED IN THE PLAN SHALL BE VERIFIED BY THE PROJECT ENGINEER BEFORE THE BEGINNING OF WORK. THE REPAIR AREAS SHALL CONSIST OF REMOVING 6.0 INCHES OF PAVEMENT AND PLACING 4.5 INCHES OF ITEM 301 - ASPHALT CONCRETE BASE, PG64-22, (449) AND 1.5" OF ITEM 441 – ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (446). THE AVERAGE WIDTH SHALL NOT BE LESS THAN 4 FEET. FOR MORE INFORMATION SEE DETAIL ON SHEET P.7 . NO MORE PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE) SHALL BE STARTED AND PERFORMED THAN CAN BE COMPLETED IN THE SAME WORKING DAY. FOR LOCATIONS AND QUANTITIES, SEE SHEET P.18 .

ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE), AS PER PLAN, 6.0" (DEPRESSED SHOULDER) :

THIS ITEM SHALL BE USED IN CONJUNCTION WITH THE PROPOSED SHOULDER FLUME(S) TO PROMOTE POSITIVE DRAINAGE FROM THE PAVED SHOULDER. THIS ITEM SHALL BE CONSTRUCTED AS DETAILED ON SCD DM-4.1 AND TYPICAL DETAIL ON SHEET P.7 . THE REPAIR AREAS SHALL CONSIST OF REMOVING 6.0 (±2") INCHES OF PAVEMENT AND PLACING 4.5 INCHES OF ITEM 301 - ASPHALT CONCRETE BASE, PG64-22, (449) AND 1.5" OF ITEM 441 – ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (446).

NO MORE PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE) SHALL BE STARTED AND PERFORMED THAN CAN BE COMPLETED IN THE SAME WORKING DAY. FOR LOCATIONS AND QUANTITIES, SEE SHEET P.18 .

ITEM 253 - (FULL DEPTH) PAVEMENT REPAIR, 13.75" AS PER PLAN:

ALL REPAIR AREAS DETAILED IN THE PLAN SHALL BE VERIFIED BY THE PROJECT ENGINEER BEFORE THE BEGINNING OF WORK. THE REPAIR AREAS SHALL CONSIST OF REMOVING 13.75 INCHES OF PAVEMENT AND REPLACING 6.0" OF ITEM 304- AGGREGATE BASE, 4.75" OF ITEM 301 – ASPHALT CONCRETE BASE, PG64-22 (449) AND 3.0" OF ITEM 441 - ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (446).

STABILITY OF EXPOSED SUBGRADE SHALL BE TESTED BY THE CONTRACTOR USING A DYNAMIC CONE PENETRATION (DCP) TEST. TESTS SHALL BE PERFORMED IN THEIR RESPECTIVE LANES (EB & WB) AND BE SPACED AT A MINIMUM OF 50 FT PER LANE AS DIRECTED BY THE ENGINEER. THE ENGINEER WILL IDENTIFY THE ACTUAL LIMITS OF EXCAVATION FOR UNSTABLE SUBGRADE BASED ON THE DCP TEST RESULTS USING A DESIGN CBR = 8 (REFER TO GDM FIGURE 600-2). UNSTABLE SUBGRADE SHALL BE UNDERCUT AS DESCRIBED BELOW. DO NOT PROOF ROLL. PAYMENT FOR THIS DCP TESTING SHALL BE CONSIDERED INCIDENTAL TO THIS PAY ITEM.

FOR MORE INFORMATION REGARDING ITEM 253 - (FULL DEPTH) PAVEMENT REPAIR, 13.75" SEE DETAIL ON SHEET P.8 . FOR LOCATIONS AND QUANTITIES, SEE SHEET P.18 .

ITEM 204 - EXCAVATION OF SUBGRADE (UNDERCUT):

ITEM 204 - GRANULAR MATERIAL, TYPE C (UNDERCUT):

ITEM 204 - GEOGRID (UNDERCUT):

UNDERCUT AREAS SHALL CONSIST OF REMOVING 12 INCHES OF UNSTABLE SUBGRADE AND STABILIZE BY PLACING ITEM 204 – GEOGRID FOLLOWED BY 12" OF ITEM 204 – GRANULAR MATERIAL, TYPE C. THESE ITEMS HAVE BEEN PROVIDED TO BE USED IN CONJUNCTION WITH THE (FULL DEPTH) PAVEMENT REPAIRS AND SHALL BE USED AS A CONTINGENCY QUANTITY TO BE "AS DIRECTED BY THE ENGINEER".

ADHERING TO THE REQUIREMENTS OF SCD MT-101.90, UNDERCUTS CREATING A TOTAL REPAIR DEPTH (DROPOFF) OF >24" SHALL BE REFILLED WITH THE PROPOSED GRANULAR MATERIAL WITHIN THE SAME WORK DAY SHIFT TO A DEPTH ENSURING THE DROPOFF DOES NOT EXCEED 24". SEE CONDITION II TABLE ON SCD-101.90 FOR DRUM REQUIREMENTS FOR DROPOFFS >24".

FOR MORE INFORMATION REGARDING THESE 204 - UNDERCUT ITEMS, SEE DETAIL ON SHEET P.8 . FOR LOCATIONS AND QUANTITIES, SEE SHEET P.18 .



ITEM 609 - CURB, TYPE 6, AS PER PLAN:

THIS ITEM IS TO BE USED TO CONSTRUCT TYPE 6 CURB AS DETAILED IN SCD BP-5.1. THE PROPOSED CURB SHALL MAINTAIN THE SAME PROFILE AND ELEVATIONS AS THE EXISTING EDGE OF PAVED SHOULDER. IT IS THE INTENT TO CONSTRUCT THE CURB WITH MINIMAL IMPACT TO THE ADJACENT PAVEMENT. ADJACENT PAVEMENT REMOVAL IN ORDER TO CONSTRUCT THE CURB SHALL BE A MAXIMUM OF 2'. CURB HEIGHT TRANSITIONS AND EXISTING CURB TIE-INS SHALL BE CONSIDERED INCIDENTAL TO THIS ITEM.

ADHERING TO THE REQUIREMENTS OF SCD MT-101.90, CURB CONSTRUCTION PREPARATION EXPOSING A DROPOFF OF >12" SHALL BE REFILLED WITH THE PROPOSED AGGREGATE BASE MATERIAL WITHIN THE SAME WORK DAY SHIFT TO A DEPTH ENSURING THE DROPOFF DOES NOT EXCEED 12". SEE CONDITION II TABLE ON SCD-101.90 FOR DRUM REQUIREMENTS FOR DROPOFFS >12" - <24".

FOR MORE INFORMATION REGARDING THIS ITEM AND OTHER NECESSARY ITEMS REQUIRED TO CONSTRUCT THE PROPOSED CURB, SEE TYPICAL SECTION DETAILS ON SHEETS P.5 AND P.6 .

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 605 - 6" UNCLASSIFIED PIPE UNDERDRAINS	=	20 FT
ITEM 611 - 6" CONDUIT, TYPE F	=	40 FT
ITEM 611 - PRECAST REINFORCED CONCRETE OUTLET	=	4 EACH

ITEM 644 - PAVEMENT MARKING:

IT IS THE INTENT OF THE PROPOSED PAVEMENT MARKINGS TO BE THE SAME AS EXISTING. ANY DEVIATION FROM EXISTING WILL BE IDENTIFIED WITHIN THIS PLAN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION, SIZE AND SHAPE OF THESE EXISTING PAVEMENT MARKINGS BEFORE THE SURFACE PREP OBLITERATES THEM. ANY PAVEMENT MARKING WHICH IS PLACED AT THE WRONG LOCATION SHALL BE REMOVED AND REPLACED AT THE CONTRACTORS EXPENSE.

QUANTITIES HAVE BEEN PROVIDED TO REPLACE ONLY THE PAVEMENT MARKINGS OBLITERATED BY THE REPAIR WORK (INCLUDING ANY REMOVAL REQUIRED FOR THE MAINTENANCE OF TRAFFIC).

ITEM 623 - CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN:

THIS ITEM SHALL CONSIST OF STATIONING USING 3 FT LATH STAKES. THE STAKES SHALL BE SPACED AT 200 FT INTERVALS AND SHALL EXTEND THROUGHOUT THE LENGTH OF THE PROJECT.

PLACEMENT OF THE STAKES SHALL BE AS DIRECTED BY THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY DAMAGED OR MISSING STAKES.

THIS ITEM SHALL ALSO INCLUDE ANY WORK NECESSARY FOR THE CONTRACTOR TO VERIFY EXISTING RIGHT OF WAY, AS DIRECTED.

CONSTRUCTION LAYOUT STAKES, AS PER PLAN WILL BE PAID FOR AT THE CONTRACT LUMP SUM BID, WHICH SHALL BE FULL COMPENSATION FOR ALL SERVICES, MATERIALS, LABOR, EQUIPMENT, TOOLS, AND INCIDENTALS, INCLUDING THE REMOVAL, NECESSARY TO COMPLETE THIS ITEM.

DESIGN AGENCY



DESIGNER
DKR JMB

REVIEWER
KLM 10/22/24

PROJECT ID
113406

SHEET	TOTAL
P.11	38