

# STATE OF OHIO DEPARTMENT OF TRANSPORTATION

## D06-RPM-FY22

### RAISED PAVEMENT MARKERS FRANKLIN & PICKAWAY COUNTY

**FEDERAL PROJECT NUMBER**

NON-FEDERAL

**RAILROAD INVOLVEMENT**

NONE

**PROJECT DESCRIPTION**

REPLACE VARIOUS EXISTING RAISED PAVEMENT MARKERS, REFLECTORS, AND CASTINGS THROUGHOUT FRANKLIN, PICKAWAY, MADISON, MORROW, DELAWARE, & UNION COUNTY.

**EARTH DISTURBED AREAS**

PROJECT EARTH DISTURBED AREA: = 0.0 ACRES  
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: = 0.0 ACRES  
NOTICE OF INTENT EARTH DISTURBED AREA: = 0.0 ACRES

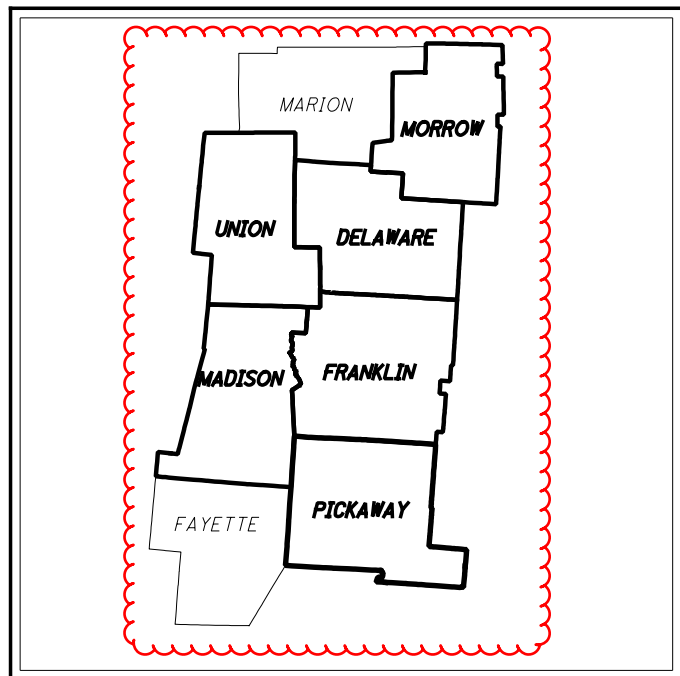
**LIMITED ACCESS**

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.

**2019 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 HERBY 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 OF TRAFFIC AND SAFETY WILL BE AS SET FORTH ON PLANS AND ESTIMATES.



**LOCATION MAP**

LATITUDE: 39°54'56" LONGITUDE: -83°22'44"



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

**DESIGN DESIGNATION**

CURRENT ADT (2021)	-----	VARIABLES
DESIGN YEAR ADT (2021)	-----	VARIABLES
DESIGN HOURLY VOLUME (2021)	-----	VARIABLES
DIRECTIONAL DISTRIBUTION	-----	VARIABLES
TRUCKS (24 HOUR B&C)	-----	VARIABLES
DESIGN SPEED	-----	VARIABLES
LEGAL SPEED	-----	VARIABLES
DESIGN FUNCTIONAL CLASSIFICATION:		
VARIABLES		
NHS PROJECT	-----	VARIABLES

**DESIGN EXCEPTIONS**

NONE REQUIRED

**ADA DESIGN WAIVERS**

NONE REQUIRED

**UNDERGROUND UTILITIES**  
Contact Two Working Days  
Before You Dig

**OHIO811.org**  
Before You Dig

OHIO 811, 8-1-1, or 1-800-362-2764  
(Non members must be called directly)

PLAN PREPARED BY:  
  
IN HOUSE DESIGN

ENGINEER'S SEAL:

SIGNED:

DATE: 2/07/2022

		STANDARD CONSTRUCTION DRAWINGS				SUPPLEMENTAL SPECIFICATIONS		SPECIAL PROVISIONS	
MT-95.30	7/19/19					800-2019	1/21/22		
MT-95.31	7/19/19					821	4/20/12		
MT-95.32	4/19/19					832	10/19/18		
MT-95.45	1/17/20					921	4/20/12		
MT-95.50	7/21/17								
MT-97.10	4/19/19								
MT-98.10	1/17/20								
MT-98.11	1/17/20								
MT-98.20	4/19/19								
MT-98.22	1/17/20								
MT-98.28	1/17/20								
MT-105.10	1/17/20								
TC-65.10	1/17/14								
TC-65.11	7/21/17								
TC-73.20	1/17/20								

APPROVED:   
DATE: 2/7/22 DISTRICT DEPUTY DIRECTOR

APPROVED: \_\_\_\_\_  
DATE: \_\_\_\_\_ DIRECTOR, DEPARTMENT OF TRANSPORTATION

D06-RPM-FY22

MODEL: 103102\_G1011\_PAPER SIZE: 17x11 (in.) DATE: 3/30/2022 TIME: 2:23:05 PM USER: vpatel  
pvc:\hoboc-pw-bentley.com\shahidoc-pw-102\Documents\01 Active Projects\Dist\06\_D06103102\00-Engineering\Roadway\Sheets\103102\_G1001.dgn

D06-RPM-FY22 PID:103102

DESIGN AGENCY	
DESIGNER	VHP
REVIEWER	DR 02/02/22
PROJECT ID	103102
SHEET	TOTAL
P.1	P.27

**GENERAL:**

THE INTENT OF THE PROJECT IS TO REPLACE EXISTING RAISE PAVEMENT MARKER REFLECTORS WITHIN THE PROJECT LIMITS AS SHOWN IN THE PLANS. DAMAGED REFLECTORS OUTSIDE OF THE LIMITS SHOWN IN THE PLANS WITHIN ODOT RIGHT OF WAY MAY BE REPLACED, THE CONTRACTOR SHALL RECEIVE PERMISSION PRIOR TO REPLACEMENT OF DAMAGED REFLECTOR.

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 CONTRACTOR'S 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 CONTRACTOR'S STORAGE AREA.

**CONSTRUCTION COORDINATION:**

THE CONTRACTOR FOR THIS PROJECT MUST COORDINATE WITH THE DEPARTMENT BEFORE BEGINNING ANY WORK SO THAT THE CONTRACTOR DOES NOT INTERFERE WITH ANY ON GOING PROJECT BY THE DEPARTMENT. COORDINATION WILL BE MADE WITH THE DISTRICT TRAFFIC ENGINEER.

**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. D06 TRAFFIC ENGINEER WILL DETERMINE LOCATIONS FOR CONTINGENCY QUANTITY USAGE AND SHALL BE PROVIDED TO THE PROJECT ENGINEER WHO WILL PROVIDE IT TO THE CONTRACTOR.

**UTILITIES:**

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. THE OHIO DEPARTMENT OF TRANSPORTATION HAS UTILITY FACILITIES (HIGHWAY LIGHTING, TRAFFIC SIGNALS, AND ITS) WITHIN THE LIMITS OF THIS PROJECT. IN ADDITION TO THE INFORMATION OUTLINED IN THE UTILITY NOTE OF THIS CONTRACT, THE CONTRACTOR SHALL TAKE THE FOLLOWING ACTION TO PROTECT ODOT'S FACILITIES DURING CONSTRUCTION:

**HIGHWAY LIGHTING AND TRAFFIC SIGNALS:**

EVEN THOUGH ODOT IS LISTED AS A MEMBER OF THE OHIO UTILITIES PROTECTION SERVICE (OUPS), THE ODOT CONTRACTOR IS REQUIRED TO CONTACT ODOT, DISTRICT 6 TRAFFIC MAINTENANCE DEPARTMENT DIRECTLY ONCE LINES ARE MARKED BY OUPS SO THAT THE ODOT UTILITIES LOCATED WITHIN THIS PROJECT CAN BE DISCUSSED OR CONFIRMED AS NECESSARY PRIOR TO EXCAVATION. THE CONTRACTOR SHALL NOTIFY DISTRICT 6 TRAFFIC MAINTENANCE AT 740-833-8198 AND THE CONSTRUCTION PROJECT ENGINEER, FOURTEEN (14) CALENDAR DAYS IN ADVANCE OF ANY WORK, FOR THE NEED TO VERIFY/DISCUSS ODOT OWNED UTILITIES.

**ITS:**

ITS FACILITIES ARE NOT AN OUPS MEMBER SO THE ODOT CONTRACTOR IS REQUIRED TO CONTACT ODOT CENTRAL OFFICE WITHIN THIS PROJECT ARE FIELD MARKED. THE ODOT CONTRACTOR SHALL NOTIFY ODOT CENTRAL OFFICE ITS LAB AT THE CONTACT INFORMATION LISTED BELOW AND THE CONSTRUCTION PROJECT ENGINEER FOR FIELD MARKINGS. THE FIELD MARKINGS WILL BE COMPLETED FOURTEEN (14) CALENDAR DAYS EXCLUDING WEEKENDS AND HOLIDAYS FROM THE TIME THE CALL WAS MADE.

"CENTRAL OFFICE ITS LAB-CEN.ITS.LAB@DOT.OHIO.GOV  
614-387-4113 - PHONE & 614-887-4134 - FAX"

**ENVIRONMENTAL COMMITMENTS:**

- NO TREE CLEARING IS REQUIRED OR PERMITTED ON THIS PROJECT.

- ANY AND ALL CONSTRUCTION DEBRIS, EARTHEN DEBRIS, EXCESS ASPHALT OR CONCRETE, WOOD DEBRIS FROM CLEARING, EXCESS FILL MATERIAL, AND TRASH SHALL BE REMOVED AND DISPOSED OF AT AN APPROVED UPLAND SITE OR LAND FILL ABOVE FEMA 100-YEAR FLOOD ELEVATIONS.

**WATER QUALITY PROTECTION:**

NO TOXIC OR HAZARDOUS MATERIALS SUCH AS SEALANTS, PAINT, SOLVENTS, CLEANING AGENTS, EARTHEN MATERIALS, WASTE-WATER, FUELS OR DEBRIS OF ANY KIND SHALL BE DISCHARGED TO ANY STREAMS, DRAINAGE COURSES, OR BODIES OF WATER. ALL ASPHALT OR CONCRETE GRINDINGS, EXCESS ASPHALTIC OR CONCRETE MATERIALS OR ANY OTHER DEBRIS GENERATED DURING RESURFACING OR OTHER SIMILAR ACTIVITIES SHALL NOT BE DISPOSED OF WITHIN A FLOOD PLAIN BELOW THE 100-YEAR FLOOD ELEVATION. THE CONTRACTOR SHALL TAKE GREAT CARE AND ALL PRECAUTIONS NECESSARY TO PREVENT THE CONTAMINATION OF THE PUBLIC DRINKING WATER SUPPLY. ALL PROJECT RELATED REFUELING AND MAINTENANCE ACTIVITIES SHALL BE PERFORMED IN AN ENVIRONMENTALLY RESPONSIBLE MANNER AND ALL PRECAUTIONS NECESSARY TO PREVENT LIQUIDS USED TO REPAIR, CLEAN, SEAL, OR TREAT ANY BRIDGE STRUCTURE (I.E. PAINT, SEALER, SOLVENT) FROM ENTERING STREAMS, WETLANDS OR OTHER WATERS OF THE UNITED STATES AND TAKE THE APPROPRIATE ACTIONS IN THE EVENT OF A RELEASE. THE CONTRACTOR IS REQUIRED AND SHALL BE HELD RESPONSIBLE FOR THE CLEAN UP AND REMEDIATION OF ANY AND ALL SPILLS.

**WATERSHED PROTECTION:**

THE WORK ASSOCIATED WITH THIS PROJECT IS BEING PERFORMED WITHIN THE DIRECT DRAINAGE AREA OF A MAJOR DRINKING WATER SUPPLY FOR THE CITY OF COLUMBUS. IT IS ESSENTIAL THAT ALL ACTIVITIES ASSOCIATED WITH THIS WORK BE PERFORMED IN A MANNER CONSISTENT WITH BEST WATERSHED MANAGEMENT PRACTICES INCLUDING, BUT NOT LIMITED TO AREAS OF DISTURBED GROUND SHALL HAVE APPROPRIATE EROSION AND SEDIMENT CONTROLS. IF HAZARDOUS/TOXIC MATERIALS INCLUDING BUT NOT LIMITED TO FUELS, OILS, BITUMENS, PAINTS, SEALANTS, OR OTHER CHEMICALS, ARE STORED ON SITE, THEY SHALL BE STORED IN A DOUBLE-CONTAINMENT MANNER. ALL EQUIPMENT REPAIRS, MAINTENANCE, AND MECHANICAL WORK THAT COULD RESULT IN THE RELEASE OF HAZARDOUS/TOXIC MATERIALS SHALL BE PERFORMED IN AN APPROPRIATELY CONTAINED AREA, PREFERABLY OFF SITE OR AN APPROPRIATE OFF-SITE FACILITY.

**WATERSHED PROTECTION (CONT.):**

IN THE EVENT THAT ANY HAZARDOUS/TOXIC MATERIALS INCLUDING, BUT NOT LIMITED TO FUELS, OILS, BITUMENS/32S PAINTS, SEALANTS, OR OTHER CHEMICALS ARE SPILLED INTO THE SCIOTO RIVER, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CITY OF COLUMBUS WATER SYSTEM AT (614) 645-8270, DELCO WATER AT (740) 833-2181 AND THE CITY OF DELAWARE PUBLIC WATER AT (740) 368-1504. THE CONTRACTOR SHOULD BE PREPARED TO PROVIDE DETAILED INFORMATION RELATIVE TO THE TYPE AND QUANTITY OF MATERIAL THAT HAS BEEN SPILLED AS WELL AS THE EXACT LOCATION AND THE EXACT TIME AT WHICH THE SPILL OCCURRED.

THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR INFORMING ALL SUBCONTRACTORS AND OTHER AGENTS OF THESE RESPONSIBILITIES, PRECAUTIONS, AND PROHIBITIONS.

**RAISED PAVEMENT MARKER WORK ORDER:**

THE INTENT OF THIS PORTION OF THE PROJECT IS TO REPAIR OR REPLACE RAISED PAVEMENT MARKERS THAT ARE WORN OR BROKEN BY THE VARIOUS ROUTINE MAINTENANCE ACTIVITIES PERFORMED THROUGHOUT THE DISTRICT. THE DISTRICT 6 TRAFFIC DEPARTMENT WILL PROVIDE RAISED PAVEMENT MARKING DETAIL SHEETS TO THE ENGINEER FOR EACH LOCATION TO BE REPLACED.

THE CONTRACTOR SHALL NOT PERFORM ANY RAISED PAVEMENT MARKER REPLACEMENTS UNTIL THE CONTRACTOR RECEIVES AUTHORIZATION FROM THE PROJECT ENGINEER. THIS AUTHORIZATION SHALL BE IN THE FORM OF AN INTER-OFFICE COMMUNICATION OR E-MAIL WITH RAISED PAVEMENT MARKER LOCATIONS ATTACHED. WHEN A WORK ORDER FOR RAISED PAVEMENT MARKERS IS ISSUED, THE ENGINEER SHALL FURNISH TO THE CONTRACTOR A COMPLETED WORK ORDER FOR EACH LOCATION OF WORN OR BROKEN RAISED PAVEMENT MARKERS. THE CONTRACTOR SHALL COMPLETE EACH WORK ORDER WITHIN TWO (2) WEEKS OF RECEIVING THE WORK ORDER. SHOULD THE CONTRACTOR FAIL TO COMPLETE EACH WORK ORDER WITHIN THE TWO-WEEK PERIOD, THE CONTRACTOR SHALL BE SUBJECT TO THE PENALTIES SET FORTH IN SECTION 108.07 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS MANUAL FOR EACH UNCOMPLETED WORK ORDER. WHEN MULTIPLE WORK ORDERS HAVE BEEN ISSUED AND REMAIN INCOMPLETE THE CONTRACTOR SHALL PRIORITIZE WORK LOCATIONS AS DIRECTED BY THE ENGINEER. NO NEW WORK ORDERS SHALL BE INITIATED BY THE PROJECT ENGINEER WHEN THERE ARE EXISTING WORK ORDERS PAST THE 2 WEEK COMPLETION REQUIREMENT.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE PROJECT ENGINEER.

ITEM 621 - RPM  
ITEM 621 - RPM REFLECTOR

= 200 EACH  
= 500 EACH

**FINAL ACCEPTANCE:**

FINAL ACCEPTANCE OF APPROVED COMPLETED RPM'S SHALL BE OCTOBER 15, 2022 RAISED PAVEMENT MARKER MATERIALS WHICH ARE UNACCEPTABLE OR BECOME UNACCEPTABLE PRIOR TO FINAL ACCEPTANCE AS DETERMINED BY THE ENGINEER, FOR CAUSES SUCH AS, BUT NOT LIMITED TO, IMPROPER INSTALLATION, EPOXY NOT HARDENING OR LOSS OF ADHESION TO THE PAVEMENT OR BETWEEN THE CASTING AND THE PRISMATIC RETRO-REFLECTOR, LOST OR IMPROPERLY REFLECTING PRISMATIC RETRO-REFLECTOR SHALL BE REPLACED BY THE CONTRACTOR WITH RPM MATERIAL CONFORMING TO THESE SPECIFICATIONS AND REQUIREMENTS AT THE EXPENSE OF THE CONTRACTOR WITHOUT DELAY. THE CONTRACTOR WILL RECEIVE NO PAYMENT FOR UNACCEPTABLE WORK WHICH IS PERFORMED.

**DAMAGE CLAIMS AND/OR COMPLAINTS:**

"IN ADDITION TO THE 107.12 AND 107.13 THE FOLLOWING SHALL APPLY TO THE CONTRACT:

COPIES OF ALL DAMAGE CLAIMS OR WRITTEN COMPLAINTS FROM THE PUBLIC OR OTHER SOURCES, RESULTING FROM RPM ACTIVITIES SHALL BE SUBMITTED TO THE PROJECT ENGINEER WITHIN SEVENTEEN (17) DAYS OF RECEIPT BY THE CONTRACTOR. THE CONTRACTOR SHALL RESPOND TO EACH COMPLAINT IN A TIMELY MANNER, BUT IN NO CASE MORE THAN FIFTEEN (15) DAYS AFTER RECEIPT.

A COPY OF THE RESPONSE SHALL BE SUBMITTED TO THE PROJECT SUPERVISOR AT THE SAME TIME IT IS SENT TO THE COMPLAINANT.

THE CONTRACTOR SHALL FURNISH THIS RESPONSE OR EXPLANATION OF THE DISPOSITION OF SUCH DAMAGE CLAIMS. FAILURE TO ACTIVELY PURSUE RESOLUTION OF THESE CLAIMS MAY RESULT IN THE SUSPENSION OF PAYMENT ESTIMATES UNTIL RESOLVED."

**WORK SITE LIGHTING:**

FLOODLIGHTING OF THE WORK SITE FOR OPERATIONS CONDUCTED DURING NIGHTTIME PERIODS SHALL BE ACCOMPLISHED SO THAT THE LIGHTS DO NOT CAUSE GLARE TO THE DRIVERS ON THE ROADWAY. TO ENSURE THE ADEQUACY OF THE FLOODLIGHT PLACEMENT, THE CONTRACTOR, AND THE ENGINEER SHALL DRIVE THROUGH THE WORK SITE EACH NIGHT WHEN THE LIGHTING IS IN PLACE AND OPERATIVE PRIOR TO COMMENCING ANY WORK. IF GLARE IS DETECTED, THE LIGHT PLACEMENT AND SHIELDING SHALL BE ADJUSTED TO THE SATISFACTION OF THE ENGINEER BEFORE WORK PROCEEDS. PAYMENT FOR ALL LABOR, EQUIPMENT, AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC.

**TRUCK MOUNTED ATTENUATOR (TMA):**

WHEN WORKING IN A CLOSED LANE OR SHOULDER ON A MULTILANE HIGHWAY WITHOUT POSITIVE PROTECTION, A TRUCK MOUNTED ATTENUATOR (TMA) SHALL BE PROVIDED TO PROTECT THE WORK AREA IN ACCORDANCE WITH STANDARD DRAWINGS MT-95.30, MT-95.31, MT-95.32 OR ODOT TYPICAL APPLICATION (TA) 4 AND TA-6. THE TMA SHALL BE PLACED IN SUCH A WAY TO ADEQUATELY PROTECT THE WORKERS INSIDE THE WORK ZONE. THE TMA IS NOT INTENDED TO BE USED AS OR SUBSTITUTED FOR THE FLASHING ARROW PANEL AT THE BEGINNING OF THE MERGE TAPER. THE TMA SHALL MEET NCHRP 350 TEST LEVEL 3 CRITERIA FOR STANDARD AND OPTIONAL TESTS AT 100 KM/H (62 MPH) FOR DESIGN IMPACTS. THE COST FOR PROVIDING THE TMA SHALL INCLUDE ALL MATERIAL, LABOR, EQUIPMENT, AND HARDWARE REPLACEMENT AND IS TO BE INCLUDED IN THE LUMP SUM BID PRICE FOR ITEM 614 - MAINTAINING TRAFFIC.

**CONSTRUCTION COORDINATION:**

THE CONTRACTOR FOR THIS PROJECT MUST COORDINATE WITH THE DEPARTMENT BEFORE BEGINNING ANY WORK SO THAT THE CONTRACTOR DOES NOT INTERFERE WITH ANY ON-GOING PROJECT BY THE DEPARTMENT. COORDINATION WILL BE MADE WITH THE DISTRICT TRAFFIC ENGINEER. PLEASE SEE THE " \* " ON SUB-SUMMARY SHEETS FOR RPM LOCATIONS WHERE CHIP SEAL WILL BE PLACED BY ODOT OPERATIONS. RPM'S SHALL NOT BE PLACED FOR AT LEAST 30 DAYS AFTER CHIP SEAL OPERATIONS. AT THE PRE-CONSTRUCTION MEETING CONTRACTOR WILL BE PROVIDED WITH A TENTATIVE SCHEDULE FOR CHIP SEAL ROUTE COMPLETION DATES.

DESIGN AGENCY



DESIGNER

VHP

REVIEWER

DR 02/02/22

PROJECT ID

103102


SHEET TOTAL

P.2 P.27



LOCATION						REFLECTOR TYPE							621		REMARKS
S H E E T	C O U N T Y	R O U T E	ONE WAY			TWO WAY				RPM	RPM REFLECTOR				
			WHITE		YELLOW	WHITE RED		YELLOW RED	YELLOW YELLOW						
			RIGHT EDGE LINE	LANE LINE	LEFT EDGE LINE	RIGHT EDGE LINE	CHANNELIZING LINE	LANE LINE	LEFT EDGE LINE			CENTER LINE			
											EACH	EACH			
P.7	FRA	3				176				199	168	68	213		824
P.8	FRA	23				112				460	455	323			1350
P.9	FRA	33				163				219	544		550		1476
P.10	FRA	40				96				51	626		39		812
P.11	FRA	62				176				148	64	86	616		1090
P.12	FRA	70				15	3366		62	1345	9	429	4		4382
P.13	FRA	71					1863		120	681	51	201			2916
P.14	FRA	71					35		164	210	10	441	16		876
P.15	FRA	104											2		2
P.16	FRA	161				16	12			11			74		113
P.17	FRA	270					5213			993		202			6408
P.18	FRA	270					4868		64	1492		234			6658
P.19	FRA	270					165		50	336	52	792			1395
P.20	FRA	270					22			296	33	642			993
P.21	FRA	315				48	180			90		78	92		488
P.22	FRA	317				131				87	74		274		566
P.23	FRA	605								14			113		127
P.24	FRA	665				112				12	50		739	490	423
P.25	FRA	670					210			33					243
P.26	FRA	674				32							147		179
P.27	PIC138, MAD665, MRW314, DEL47, & UNI47					48							703	2808	700
	PIC	138											671		85
	MAD	665											569		
	MRW	314													
	DEL	47				16									
	UNI	47				16									
TOTALS CARRIED TO GENERAL SUMMARY											3298	31321			

TRAFFIC CONTROL SUB-SUMMARY

DESIGN AGENCY  
  
 DESIGNER  
 VHP  
 REVIEWER  
 DR 02/02/22  
 PROJECT ID  
 103102  
 SHEET TOTAL  
 P.6 P.27

DETAIL	STANDARD DRAWING TC-65.10
1	EDGE LINE
2	CHANNELIZING LINE
3	LANE LINE
4	CENTER LINE

DETAIL	STANDARD DRAWING TC-65.11
5	ENTRANCE RAMP
6	EXIT RAMP
7	4 LANE DIVIDED TO 2 LANE TRANSITION
8	4 LANE UNDIVIDED TO 2 LANE TRANSITION
9	MULTILANE DIVIDED HIGHWAY


DETAIL	STANDARD DRAWING TC-65.11
10	APPROACH W/ LEFT TURN LANE
11	STOP APPROACH
12	TWO WAY LEFT TURN LANE
13	ONE LANE BRIDGE

LOCATION							REFLECTOR TYPE							621		REMARKS
C O U N T Y	R O U T E	B E G I N M	E N D M	L E N G T H FT	D E T A I L	ONE WAY			TWO WAY				RPM	RPM REFLECTOR		
						WHITE		YELLOW	WHITE RED		YELLOW RED	YELLOW YELLOW				
						RIGHT EDGE LINE EACH	LANE LINE EACH	LEFT EDGE LINE EACH	RIGHT EDGE LINE EACH	CHANNELIZING & DOTTED LINE EACH	LANE LINE EACH	LEFT EDGE LINE EACH			CENTER LINE EACH	
PIC	138*	0.00	9.13	48206	1, 2, 4	48							703	751	CIRCLEVILLE CORP. TO CIRCLEVILLE CORP.	
MAD	665*	1.17	3.28	11141	4								139	139		
MAD	665*	3.28	4.50	6442	4								80	80		
MAD	665*	4.50	4.53	158	4								4	4	HORIZONTAL CURVE	
MAD	665*	4.53	5.35	4330	4								55	55		
MAD	665*	5.35	5.38	158	4								4	4	HORIZONTAL CURVE	
MAD	665*	5.38	5.72	1795	4								23	23		
MAD	665*	5.72	5.77	264	4								7	7	HORIZONTAL CURVE	
MAD	665*	5.77	5.83	317	4								4	4		
MAD	665*	5.83	5.86	158	4								3	3	HORIZONTAL CURVE	
MAD	665*	5.86	6.04	950	4								13	13		
MAD	665*	6.04	6.26	1162	4								35	35	HORIZONTAL CURVE	
MAD	665*	6.26	6.60	1795	4								23	23		
MAD	665*	6.60	6.64	211	4								6	6	HORIZONTAL CURVE	
MAD	665*	6.64	11.12	23654	4								304	304		
MRW	314*	10.15	10.22	370	4								5	5	CHESTERVILLE LIMIT	
MRW	314*	10.22	13.82	19008	4								238	238		
MRW	314*	13.82	13.91	475	4								12	12	HORIZONTAL CURVE - 5 DEGREES	
MRW	314*	13.91	14.08	898	4								12	12		
MRW	314*	14.08	14.14	317	4								8	8	HORIZONTAL CURVE - 5 DEGREES	
MRW	314*	14.14	14.21	370	4								5	5		
MRW	314*	14.21	14.43	1162	4								25	25	HORIZONTAL CURVE - 5 DEGREES	
MRW	314*	14.43	14.50	370	4								11	11	HORIZONTAL CURVE - 5 DEGREES	
MRW	314*	14.50	19.86	28301	4								354	354		
MRW	314*	19.86	19.87	53	4								1	1	TO OLD US-42	
DEL	47*	0.00	0.88	4646	4								58	58	BEGIN AT UNI CO. LINE	
DEL	47*	0.88	0.97	475	4								12	12	CURVE APPROACH	
DEL	47*	0.97	0.98	53	4								3	3	HORIZONTAL CURVE (50 DEGREE)	
DEL	47*	0.98	1.07	475	4, 11	16							12	28	CURVE APPROACH	
UNI	47*	7.57	7.63	317	4, 11	16							11	27	BEGIN AT SR31	
UNI	47*	7.63	8.52	4699	4								59	59		
UNI	47*	8.52	8.61	475	4								12	12	CURVE APPROACH	
UNI	47*	8.61	8.66	264	4								13	13	HORIZONTAL CURVE (12 DEGREE)	
UNI	47*	8.66	8.75	475	4								12	12	CURVE APPROACH	
UNI	47*	8.75	12.51	19853	4								248	248		
UNI	47*	12.51	12.60	475	4								12	12	CURVE APPROACH	
UNI	47*	12.60	12.63	158	4								8	8	HORIZONTAL CURVE (12 DEGREE)	
UNI	47*	12.63	12.72	475	4								12	12	CURVE APPROACH	
UNI	47*	12.72	13.55	4382	4								55	55	SUSPEND AT RICHWOOD CORP LIMIT	
UNI	47*	14.95	16.88	10190	4								127	127	RICHWOOD CORP LIMIT TO DEL. CO LINE	
SHEET TOTAL						80							2728	2808		
						TOTALS CARRIED TO TRAFFIC CONTROL SUBSUMMARY								2808		

PICKAWAY, MADISON, MORROW, DELAWARE, & UNION COUNTY - PLAN QUANTITY

D06-RPM-FY22

MODEL: 103120\_TQ126\_PAPER SIZE: 34x22 (in.) DATE: 3/30/2022 TIME: 2:23:48 PM USER: vpatel  
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DESIGN AGENCY  
  
 DESIGNER  
 VHP  
 REVIEWER  
 02/02/22  
 PROJECT ID  
 103102  
 SHEET TOTAL  
 P.27 P.27