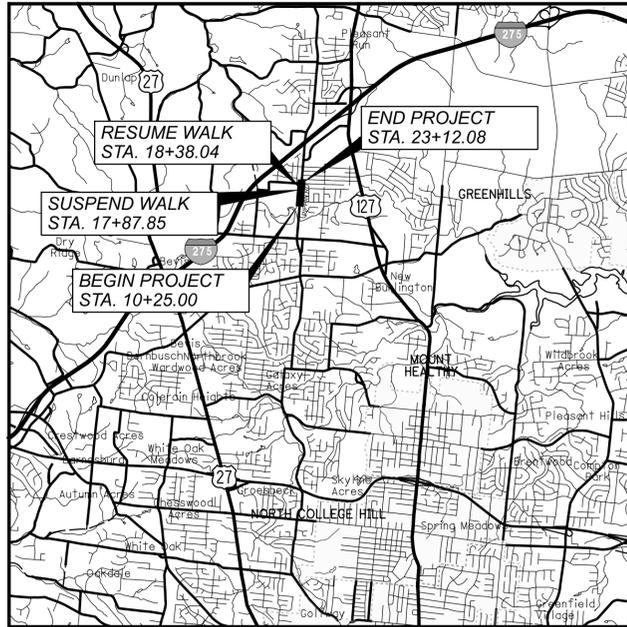


STATE OF OHIO DEPARTMENT OF TRANSPORTATION

HAM-CR90-3.89

COLERAIN TOWNSHIP HAMILTON COUNTY



LOCATION MAP

LATITUDE: 39° 16' 12" LONGITUDE: -84° 34' 26"

SCALE IN MILES



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

DESIGN DESIGNATION

CURRENT ADT (2020)	-----	13,077
DESIGN YEAR ADT (2040)	-----	15,692
DESIGN HOURLY VOLUME (2040)	-----	1,153
DIRECTIONAL DISTRIBUTION	-----	50%
TRUCKS (24 HOUR B&C)	-----	2%
DESIGN SPEED	-----	40 MPH

LEGAL SPEED ----- 35 MPH
DESIGN FUNCTIONAL CLASSIFICATION: MINOR ARTERIAL

NHS PROJECT ----- NO

DESIGN EXCEPTIONS ----- NONE

ADA DESIGN WAIVER

SEE SHEET 3 FOR ADA WAIVER INFORMATION

INDEX OF SHEETS:

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FEDERAL PROJECT NUMBER

E201 (171)

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

INSTALLING A NEW SIDEWALK ALONG THE WEST SIDE OF PIPPIN ROAD BETWEEN STRUBLE ROAD AND STOUT ROAD AND IMPROVING THE CROSSINGS AT THE INTERSECTIONS.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA:	0.52 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	0.125 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	N/A

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.

Tammy K. Campbell
Tammy K. Campbell, P.E.
District 08 Deputy Director

Jack Marchbanks
Jack Marchbanks, PhD
Director, Department of Transportation

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:



ENGINEER'S SEAL:

SIGNED: _____
DATE: _____

STANDARD CONSTRUCTION DRAWINGS				SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
BP-3.1	1/21/22	TC-41.20	10/18/13	832	7/15/22
BP-4.1	7/19/13	TC-52.10	10/18/13	800	7/21/23
BP-5.1	7/15/22	TC-52.20	1/15/21		
BP-7.1	1/20/23	TC-74.10	1/20/23		
CB-2-2A, 2B, 2C	1/20/23	DM-1.1	7/17/20		
		DM-4.3	1/15/16		
HW-2.2	7/20/18	DM-4.4	1/15/16		
MT-97.10	4/19/19				
MT-101.90	7/17/20	TC-42.20	10/18/13		
MT-105.10	1/17/20	TC-83.20	7/15/22		
MT-110.10	7/19/13				

NO.	DATE	REVISIONS DESCRIPTION
1	9-29-23	REVISIONS

TITLE SHEET

DESIGN AGENCY



DESIGNER

MDK

REVIEWER

JGW 07/10/23

PROJECT ID

113713

SHEET

TOTAL

1 | 32

HAM-CR90-3.89

MODEL: Untitled Sheet PAPER SIZE: 34x22 (in.) DATE: 9/29/2023 TIME: 4:14:01 PM USER: Ludwig G:\DEV\clients\ODOT\082003_HAM-CR90-3.89\113713\400-Engineering\Roadway\Sheets\113793_G\T001.dgn

UTILITIES

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

DUKE ENERGY – ELECTRIC (DISTRIBUTION)
2010 DANA AVE
CINCINNATI, OH 45207
513-514-8211 (AARON WRIGHT)
AARON.WRIGHT@DUKE-ENERGY.COM

DUKE ENERGY GAS
139 EAST 4TH ST., ROOM 460A
CINCINNATI, OH 45202
OH/KYHOUSEBILL@DUKE-ENERGY.COM
ANDREW.MCNICHOLS@DUKE-ENERGY.COM
ANDY.MCNICHOLS
DISTRIBUTION PROJECT SPECIALIST, GAS OPERATIONS
513-384-4731 (MOBILE)

ALTA FIBER
221 E. 4TH ST. BLDG. 121-900
CINCINNATI, OH 45201
513-566-8039 (NANCY MORRIS)
NANCY.MORRIS@ALTA FIBER.COM

ALTA FIBER – UNDERGROUND STRUCTURES
221 E 4TH STREET (BUILDING 121-900)
CINCINNATI, OH 45202
513-565-7187 (BRECK COWAN)
BRECK.COWAN@ALTA FIBER.COM

GREATER CINCINNATI WATER WORKS
4747 SPRING GROVE AVENUE
CINCINNATI, OH 45232
513-352-3723 (DAN LOUIS)
DANIEL.LOUIS@GCWW.CINCINNATI-OH.GOV

EARL GREG BRATFISH JR.
SENIOR ENGINEERING TECHNICIAN
GREATER CINCINNATI WATER WORKS
(513)-591-6533
EARL.BRATFISH@GCWW.CINCINNATI-OH.GOV

CINCINNATI METROPOLITAN SEWER DISTRICT
1600 GEST STREET
CINCINNATI, OH 45204
513-557-7188 (ROB FRANKLIN)
MSDUTILITYREVIEW@CINCINNATI-OH.GOV

SOUTHWESTERN OHIO WATER COMPANY
600 SHEPHERD AVE., SUITE 1
CINCINNATI, OHIO 45215
513-489-4844 (MICHAEL FLAVIN)
MIKE.FLAVIN@FUSE.NET

HAMILTON CO ENGINEER'S OFFICE (STORM SEWER)
223 W. GALBRAITH
CINCINNATI, OH
TODD GADBURY, PE
TODD.GADBURY@HAMILTON-CO.ORG
(513) 946-8445

BP PIPELINE
930 TENNESSEE AVE
CINCINNATI, OH 45229
513-825-5250 (KIM MILLER)
KIMBLE.MILLER@BP.COM

CONSTRUCTION NOISE

ACTIVITIES AND LAND USE ADJACENT TO THIS PROJECT MAY BE AFFECTED BY CONSTRUCTION NOISE. IN ORDER TO MINIMIZE ANY ADVERSE CONSTRUCTION NOISE IMPACTS, DO NOT OPERATE POWER-OPERATED CONSTRUCTION-TYPE DEVICES BETWEEN THE HOURS OF 8 P.M. AND 7 A.M. IN ADDITION, DO NOT OPERATE AT ANY TIME ANY DEVICE IN SUCH A MANNER THAT THE NOISE CREATED SUBSTANTIALLY EXCEEDS THE NOISE CUSTOMARILY AND NECESSARILY ATTENDANT TO THE REASONABLE AND EFFICIENT PERFORMANCE OF SUCH EQUIPMENT.

ADA WAIVER

AN APPROVED ADA DESIGN WAIVER IS REQUIRED ON THIS PROJECT. THE FOLLOWING FEATURES LISTED BELOW CANNOT FEASIBLY BE CONSTRUCTED TO MEET ADA GUIDELINES.

ADA DESIGN WAIVER

ADA FEATURE	APPROVAL DATE	SHEET NUMBERS
RMP#####	07/13/2023	10, 23
RMP#####	07/13/2023	10, 23

SURVEYING PARAMETERS

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

VERTICAL POSITIONING

ORTHOMETRIC HEIGHT DATUM: NAVD88
GEOID: GEOID18

HORIZONTAL POSITIONING

REFERENCE FRAME: NAD83 (2011) EPOCH: 2010.00
ELLIPSOID: GRS80
MAP PROJECTION: LAMBERT CONIC CONFORMAL
COORDINATE SYSTEM: OHIO SOUTH 3402
COMBINED SCALE FACTOR: 0.999903268 (GROUND TO GRID)
PROJECT SCALE FACTOR: 1.000096741 (GRID TO GROUND)

UNITS ARE IN U.S. SURVEY FEET.

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.

CLEARING AND GRUBBING

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 PRICE BID FOR ITEM 201, CLEARING AND GRUBBING.

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 386 CU. YD.
- 659, SEEDING AND MULCHING, CLASS 1 3,477 SQ. YD.
- 659, REPAIR SEEDING AND MULCHING 174 SQ. YD
- 659, COMMERCIAL FERTILIZER 0.49 TON
- 659, LIME 0.72 ACRES
- 659, WATER 19 M. GAL.

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.



REVIEW OF DRAINAGE FACILITIES

BEFORE ANY WORK IS STARTED ON THE PROJECT AND AGAIN BEFORE FINAL ACCEPTANCE BY THE COUNTY, REPRESENTATIVES OF THE COUNTY AND THE CONTRACTOR, SHALL MAKE AN INSPECTION OF ALL EXISTING SEWERS WHICH ARE TO REMAIN IN SERVICE AND WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCE SHALL BE DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTION SHALL BE KEPT IN WRITING BY THE COUNTY.

ALL NEW CONDUITS, INLETS, CATCH BASINS, AND MANHOLES CONSTRUCTED AS A PART OF THE PROJECT SHALL BE FREE OF ALL FOREIGN MATTER AND IN A CLEAN CONDITION BEFORE THE PROJECT WILL BE ACCEPTED BY THE COUNTY.

ALL EXISTING SEWERS INSPECTED INITIALLY BY THE ABOVE MENTIONED PARTIES SHALL BE MAINTAINED AND LEFT IN A CONDITION REASONABLY COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. ANY CHANGE IN THE CONDITION RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE CORRECTED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEMS.

630 SIGNING MISC.: SOLAR-POWERED RECTANGULAR RAPID FLASHING BEACON (RRFB) SIGN ASSEMBLY

THIS WORK SHALL CONSIST OF FURNISHING AND INSTALLING A SOLAR POWERED RECTANGULAR RAPID FLASHING BEACON (RRFB) SIGN ASSEMBLY. THE FLASHING UNIT SHALL BE SOLAR POWERED, PEDESTRIAN ACTIVATED, AND 2-SIDED WITH TWO LED ARRAY BASED YELLOW INDICATIONS ON EACH SIDE. MULTIPLE UNITS SHALL BE WIRELESSLY CONTROLLED AND SYNCHRONIZED.

THE UNIT SHALL BE COMPLIANT WITH THE MOST CURRENT OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (OMUTCD) AND FHWA INTERIM APPROVAL FOR RRFBs (IA-21).

GENERAL REQUIREMENTS -

EACH RRFB SHALL CONSIST OF TWO RAPIDLY FLASHED RECTANGULAR-SHAPED YELLOW INDICATIONS HAVING LED ARRAY BASED LIGHT SOURCE.

EACH RRFB SHALL BE A COMPLETE ASSEMBLY, CONSISTING OF BUT NOT LIMITED TO, SIGNAGE, SIGN MOUNTING HARDWARE, INDICATIONS AND ELECTRICAL COMPONENTS (WIRING, SOLID-STATE CIRCUIT BOARDS, ETC.).

EACH RRFB SHALL CONTAIN A PEDESTRIAN INDICATION LIGHT VISIBLE BY THE PEDESTRIAN IN THE DIRECTION OF TRAVEL.

FUNCTIONAL REQUIREMENTS -

EACH RRFB SHALL UTILIZE SOLAR POWER.

EACH RRFB SHALL BE ACTIVATED BY ADA COMPLIANT PUSHBUTTONS.

THE RRFB SHALL BE NORMALLY DARK, SHALL INITIATE OPERATION ONLY UPON PEDESTRIAN ACTUATION, AND SHALL CEASE OPERATION AFTER A PREDETERMINED TIME LIMIT (BASED ON OMUTCD PROCEDURES).

EACH REMOTE RRFB SHALL BE WIRELESSLY ACTIVATED.

ALL RRFB LIGHT INDICATIONS SHALL BE WIRELESSLY SYNCHRONIZED (ALL LIGHTS WILL TURN ON WITHIN 120 MSEC AND REMAIN SYNCHRONIZED THROUGHOUT THE DURATION OF THE FLASHING CYCLE).

THE UNIT SHALL BE CAPABLE OF RUNNING 14 DAYS WITHOUT SUNLIGHT.

630 SIGNING MISC.: SOLAR-POWERED RECTANGULAR RAPID FLASHING BEACON (RRFB) SIGN ASSEMBLY (CONTINUED)

MATERIALS -

FURNISH A COMPLETE ASSEMBLY, CONSISTING OF BUT NOT LIMITED TO, SIGNAGE, SIGN MOUNTING HARDWARE, INDICATIONS, AND ELECTRICAL COMPONENTS (WIRING, SOLID-STATE CIRCUIT BOARDS, ETC.). THE RRFB ASSEMBLY INCLUDES THE FOLLOWING ITEMS:

1. RRFB INDICATIONS
 - A. EACH RRFB INDICATION LENS SHALL BE A MINIMUM SIZE OF APPROXIMATELY 5" WIDE X 2" HIGH.
 - B. THE RRFB INDICATIONS SHALL BE ALIGNED HORIZONTALLY, WITH THE LONGER DIMENSION OF THE INDICATION HORIZONTAL. THERE SHALL BE TWO INDICATIONS ON THE FRONT AND TWO INDICATIONS ON THE BACK.
 - C. EACH RRFB SHALL BE SUPPLIED WITH ALL REQUIRED HARDWARE TO INSTALL ASSEMBLY. ALL EXPOSED HARDWARE SHALL BE ANTI-VANDAL.
 - D. EACH RRFB SHALL BE LOCATED BETWEEN THE BOTTOM OF THE CROSSING WARNING SIGN AND THE TOP OF THE SUPPLEMENTAL DOWNWARD DIAGONAL ARROW PLAQUE.
 - E. THE LIGHT INTENSITY OF THE YELLOW INDICATIONS SHALL MEET THE MINIMUM CLASS 1 SPECIFICATIONS OF SOCIETY OF AUTOMOTIVE ENGINEERS (SAE) STANDARD J595 (DIRECTIONAL FLASHING OPTICAL WARNING DEVICES FOR AUTHORIZED EMERGENCY, MAINTENANCE, AND SERVICE VEHICLES) DATED JANUARY, 2005.
 - F. TO MINIMIZE EXCESSIVE GLARE DURING NIGHTTIME CONDITIONS, AN AUTOMATIC SIGNAL DIMMING DEVICE SHALL BE USED TO REDUCE THE BRILLIANCE OF THE RRFB INDICATIONS.
 - G. A SMALL LED CONFIRMATION LIGHT DIRECTED AT AND VISIBLE TO PEDESTRIANS IN THE CROSSWALK SHALL BE INSTALLED INTEGRAL TO THE RRFB OR PUSHBUTTON TO GIVE CONFIRMATION THAT THE RRFB IS IN OPERATION.
 - H. THE PEDESTRIAN CONFIRMATION LIGHT SHALL BE NO SMALLER THAN 2" IN DIAMETER AND CONTAIN A MINIMUM ILLUMINANCE OF 100 LUX MEASURED AT 30 CM.
2. SIGNS
 - A. ALL SIGN ASSEMBLIES SHALL USE ANTI-VANDAL FASTENERS TO MOUNT COMPONENTS TO SIGN AND SIGN TO FIXTURE.
 - B. PEDESTRIAN PUSHBUTTONS SIGNS SHALL BE PROVIDED AND INCLUDE THE LEGEND "PUSH BUTTON TO TURN ON WARNING LIGHTS". SIGNS SHOULD BE MOUNTED ADJACENT TO OR INTEGRAL WITH EACH PEDESTRIAN PUSHBUTTON.
 - C. TWO SETS OF SIGNS SHALL BE REQUIRED PER UNIT FOR VIEW FROM EACH APPROACH.
 - D. ASSURE SIGN MEETS THE REQUIREMENTS OF C&MS 630.
3. CONTROL CIRCUIT
 - A. THE CONTROL CIRCUIT SHALL HAVE THE CAPABILITY OF INDEPENDENTLY FLASHING UP TO TWO INDEPENDENT OUTPUTS. THE LED LIGHT OUTPUTS AND FLASH PATTERN SHALL BE COMPLETELY PROGRAMMABLE.

CONTROL POINT	DESCRIPTION	NORTHING	EASTING	ELEVATION
100	IRON PIN	470224.662	1381094.291	882.32
101	IRON PIN	470241.619	1381373.249	875.11
102	IRON PIN	470229.214	1381586.851	873.83
103	IRON PIN	469846.497	1381556.126	889.26
104	IRON PIN	469608.149	1381550.129	888.15
105	IRON PIN	469186.611	1381554.244	882.58
106	IRON PIN	468928.472	1381532.809	878.22

NO.	DATE	DESCRIPTION
1	9-29-23	REVISIONS
REVISIONS		

ITEM 614 - MAINTAINING TRAFFIC

A MINIMUM OF 1 LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED ON ALL ROADS AT ALL TIMES BY USE OF THE EXISTING PAVEMENT. EXCEPT AS PERMITTED BY SHORT TERM LANE CLOSURE BY FLAGGER BETWEEN THE HOURS OF 9AM-2PM.

CONSTRUCTION OF THE WALK AND INTERSECTIONS WILL REQUIRE THE TEMPORARY CLOSURE OF THE LANES AND/OR SHOULDER OF PIPPIN ROAD AND OF INTERSECTION ROADS, STOUT ROAD AND MERRIWAY LANE. THE CONTRACTOR SHALL ADHERE TO SCD MT-97.10 FOR LANE AND/OR SHOULDER RESTRICTIONS. REFER TO SCD MT-97.10 FOR PLACEMENT OF WORK ZONE SIGNS.

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.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH CMS 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.

SEQUENCE OF CONSTRUCTION

ALL WORK SHALL BE IN ACCORDANCE WITH SCD MT-97.10. ALL CONSTRUCTION SHALL BE PERFORMED IN ONE PHASE. BEGIN CONSTRUCTION AT STOUT ROAD AND CONTINUE FROM NORTH TO SOUTH. LANES WILL BE CLOSED TEMPORARILY TO ALLOW FOR CONSTRUCTION OF CURB RAMPS AND CROSSWALK LINES FOR THE INTERSECTION OF STOUT ROAD AND PIPPIN ROAD AND FOR THE INTERSECTION OF MERRIWAY LANE AND PIPPIN ROAD. LANE AND SHOULDER CLOSURES NECESSARY TO CONSTRUCT WALK AND DRIVES WHERE TRAFFIC CANNOT BYPASS CONSTRUCTION.

PERMITTED LANE CLOSURE TIMES

CONTRACTOR MAY CLOSE SINGLE LANE OF TRAFFIC ON PIPPIN ROAD, IN ACCORDANCE WITH SCD MT-97.10, DURING WORK HOURS. DURING NON-WORK HOURS, ALL ROADS SHALL BE OPENED TO 2 LANES OF TRAFFIC AND ALL EQUIPMENT AND MATERIALS SHALL BE REMOVED FROM CLEAR ZONE.

LANE CLOSURES TO BE LIMITED TO THE HOURS OF 9AM-2PM. SHORT TERM LANE CLOSURES SHALL ONLY BE IMPLEMENTED WHEN WORK IS BEING CONTINUOUSLY PERFORMED THAT REQUIRES WORKERS AND EQUIPMENT TO BE IN THE LANE. THE CLOSURE SHALL BE REMOVED AS SOON AS POSSIBLE AFTER WORK HAS STOPPED.

Table with 4 columns: CRITICAL AREA TO BE MAINTAINED, RESTRICTED TIME PERIOD, TIME UNIT, DISINCENTIVE \$ PER TIME UNIT. Rows include PIPPEN 6AM TO 9AM and PIPPEN 2PM TO 6PM.

NO WORK WILL BE PERMITTED OVERNIGHT BETWEEN THE HOURS OF 8PM AND 6 AM.

OVERNIGHT TRENCH CLOSING

THE INTERSECTION WORK 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 INTERSECTION SHALL BE BACKFILLED AT THE DIRECTION OF THE ENGINEER.

ITEM 614, MAINTAINING TRAFFIC (LANES OPEN DURING HOLIDAYS OR SPECIAL EVENTS)

NO WORK SHALL BE PERFORMED AND ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING DESIGNATED HOLIDAYS OR EVENTS:

- CHRISTMAS FOURTH OF JULY
NEW YEAR'S LABOR DAY
MEMORIAL DAY THANKSGIVING
TOTAL SOLAR ECLIPSE
GENERAL/REGULAR ELECTION DAY

THE PERIOD OF TIME THAT THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR EVENT FALLS. THE FOLLOWING SCHEDULE SHALL BE USED TO DETERMINE THIS PERIOD:

DAY OF HOLIDAY TIME ALL LANES
OR EVENT MUST BE OPEN TO TRAFFIC

- SUNDAY 12:00N FRIDAY THROUGH 6:00AM MONDAY
MONDAY 12:00N FRIDAY THROUGH 6:00AM TUESDAY
TUESDAY 12:00N MONDAY THROUGH 6:00AM WEDNESDAY
WEDNESDAY 12:00N TUESDAY THROUGH 6:00AM THURSDAY
THURSDAY 12:00N WEDNESDAY THROUGH 6:00AM FRIDAY
THURSDAY (THANKSGIVING ONLY)
6:00AM WEDNESDAY THROUGH 6:00AM MONDAY
FRIDAY 12:00N THURSDAY THROUGH 6:00AM MONDAY
SATURDAY 12:00N FRIDAY THROUGH 6:00AM MONDAY

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE PER THE LANE VALUE CONTRACT (PN 127).

ITEM 614, 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.

ITEM 614, NOTIFICATION OF TRAFFIC RESTRICTIONS (CONTINUED)

NOTIFICATION OF TRAFFIC RESTRICTIONS TIME TABLE

Table with 3 columns: ITEM, DURATION OF CLOSURE, NOTICE DUE TO PERMITS & PIO. Rows include RAMP & PRIOR, ROAD, CLOSURES, LANE, and CLOSURES & RESTRICTIONS.

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

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.

DRUM REQUIREMENTS

IN ADDITION TO THE REQUIREMENTS OF THE PLANS, SPECIFICATION AND PROPOSAL, DRUMS FURNISHED BY THE CONTRACTOR SHALL BE NEW AND UNUSED AT THE TIME OF ARRIVAL ON THE PROJECT. ANY DRUMS BROUGHT ON THE PROJECT, WHICH HAVE PREVIOUSLY BEEN USED ELSEWHERE, WILL NOT BE ACCEPTED.

PAYMENT FOR DRUMS SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR MAINTAINING TRAFFIC UNLESS SEPARATELY ITEMIZED.

ITEM 625 - PULL BOX MISC.: ADJUST TO GRADE

THIS ITEM SHALL CONSIST OF ALL WORK, MATERIAL, AND LABOR FOR ADJUSTING THE PULL BOX AT STA. 20+14.11 TO MATCH THE PROPOSED SIDEWALK GRADE.

ITEM 638 - SPECIAL-VALVE BOX ADJUSTED TO GRADE

THIS ITEM SHALL CONSIST OF ALL WORK, MATERIAL, AND LABOR FOR ADJUSTING THE VALVE BOX AT STA. 11+22.83 TO MATCH THE PROPOSED GRADING.

ITEM 690 - SPECIAL-MAILBOX REMOVED AND RESET

THIS ITEM SHALL CONSIST OF ALL WORK, MATERIAL, AND LABOR FOR REMOVING AND RESETTING THE MAILBOXES AT STA. 10+47.60, STA. 11+63.55, STA. 12+60.90, STA. 13+44.68, STA. 14+22.85, AND STA. 15+18.90.

DESIGN AGENCY



DESIGNER

MDK

REVIEWER

JGW 07/10/23

PROJECT ID

113713

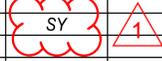
SHEET

TOTAL

4 32

Table with 3 columns: NO., DATE, REVISIONS. Row 1: 1, 9-29-23, REVISIONS

SHEET NO.	REF. NO.	STATION		SIDE	202	202	202	202		204	253		602		608	608		611	611		625	638	638		690
		WALK REMOVED	CATCH BASIN REMOVED		HEADWALL REMOVED	CURB REMOVED		SUBGRADE COMPACTION	PAVEMENT REPAIR	CONCRETE MASONRY	4" CONCRETE WALK	CURB RAMP	15" CONDUIT, TYPE B	CATCH BASIN, NO. 2-2B	PULL BOX, MISC.: ADJUST TO GRADE	VALVE BOX	SPECIAL - VALVE BOX ADJUSTED TO GRADE	SPECIAL - MAILBOX REMOVED AND RESET							
		FROM	TO		SF	EA	EA	FT		SY	SY		CY		SF	SF		FT	EA		EA	EA	EA		EA
7	P-1	10+25.00	15+25.00	LT						271					2435	69									6
7	P-2	11+20.52	11+39.98	RT	29					4					36	51									
8	P-3	15+25.00	17+87.85	LT	99					151					1354	99									
8	P-4	18+38.04	20+00.00	LT	626					93					833	129									
9	P-5	20+00.00	22+42.18	LT	977					145					1299	270					1				
9	P-6	22+86.18	23+12.06	LT	92					10					88	38									
7	RD-1	11+24.29	11+35.29	LT							3														
7	RD-2	11+25.33	11+34.33	RT				12			4														
8	RD-3	17+82.36	17+91.61	LT							3														
8	RD-4	18+34.87	18+45.12	LT				4			4														
9	RD-5	22+13.50	22+24.50	LT							3														
9	RD-6	22+40.17	22+50.56	LT							3														
9	RD-7	22+83.31	22+90.33	LT							2														
8	D-1	17+82.75		LT			1						0.21												
9	D-1	22+04.74		RT		1											4		1						
9	D-3	22+12.54		LT		1											8		1						
TOTALS CARRIED TO GENERAL SUMMARY					1823	2	1	20		674	22		0.21		6045	656		12	2		1	1	1		6



ROADWAY SUBSUMMARY

NO.	DATE	REVISIONS DESCRIPTION
1	9-29-23	REVISIONS

DESIGN AGENCY

WOOLPERT
 ARCHITECTURE ENGINEERING SCIENTISTS
 1203 WALNUT STREET
 SECOND FLOOR
 CINCINNATI, OH 45202
 T 513-272-8300

DESIGNER
MDK

REVIEWER
JGW 07/10/23

PROJECT ID
113713

SHEET TOTAL
6 32