

pw:\ohiodot-pw\entire\ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\25349\400-Engineering\Roadway\Sheets\25349.ctb00.dgn Sheet 4/14/2025 4:06:06 PM gtout



LOCATION MAP

LATITUDE: 39°7'44.4" LONGITUDE: -84°36'22.1"



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

DESIGN DESIGNATION	8.00-10.49	10.49-12.32
CURRENT ADT (2020)	24,000	14,000
DESIGN YEAR ADT (2040)	24,000	14,000
DESIGN HOURLY VOLUME (2040)	2,200	1,300
DIRECTIONAL DISTRIBUTION	0.52	0.54
TRUCKS (24 HOUR B&C)	3%	9%
DESIGN SPEED	35	35
LEGAL SPEED	35	35
DESIGN FUNCTIONAL CLASSIFICATION:		
03 PRINCIPAL ARTERIAL (URBAN)		
NHS PROJECT	NO	

ADA DESIGN WAIVER
NONE REQUIRED

DESIGN EXCEPTIONS
NONE REQUIRED

UNDERGROUND UTILITIES

Contact Two Working Days
Before You Dig




OHIO811, 8-1-1, or 1-800-362-2764
(Non-members must be called directly)

PLAN PREPARED BY:
THE OHIO DEPARTMENT OF TRANSPORTATION
DISTRICT 8 ENGINEERING
505 S. SR 741
LEBANON, OHIO 45036

ENGINEER'S SEAL


RETAINING WALL



STANDARD CONSTRUCTION DRAWINGS						SUPPLEMENTAL SPECIFICATIONS		SPECIAL PROVISIONS
BP-3.1	1/19/24	MGS-1.1	7/16/21	TC-61.30	7/19/24	800-2023	7/19/24	WATERWAY
BP-5.1	7/15/22	MGS-2.1	1/19/18	TC-65.10	1/17/14	832	7/19/24	9/18/2024
		MGS-4.3	1/18/13	TC-65.11	1/19/24	840	7/19/24	RULE 513
CB-2-2A,2B,2C	7/19/24			TC-71.10	4/21/23	867	4/15/22	8/18/2023
CB-2-3, 2-4	7/19/24	MH-3	7/19/24	TC-82.10	7/19/19	878	1/21/22	
CB-3	7/19/24			TC-84.21	10/18/13			
CB-3A	7/19/24	MT-95.41	7/21/23					
		MT-101.60	4/21/23					
DM-1.1	7/17/20	MT-101.70	7/19/24					
DM-1.2	7/16/21	MT-105.10	1/17/20					
DM-2.1	1/18/13	MT-110.10	7/19/13					
DM-4.3	1/15/16							
DM-4.4	1/15/16							
RM-1.1	1/20/23							
RM-4.2	7/19/24							


ENGINEER'S SEAL

ROADWAY



ENGINEER'S SEAL

BRIDGE



STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

HAM-SR264-10.42

CITY OF CINCINNATI
HAMILTON COUNTY

INDEX OF SHEETS:

TITLE SHEET	1
TYPICAL SECTIONS	2
GENERAL NOTES	3 - 4
MAINTENANCE OF TRAFFIC NOTES	5 - 8
MAINTENANCE OF TRAFFIC PLAN	9 - 13
GENERAL SUMMARY	14 - 15
SUBSUMMARIES	16 - 19
PLAN AND PROFILE	20
CROSS SECTIONS	21 - 25
DRAINAGE PROFILES	26
PARKING LOT PAVEMENT DETAIL	27
TRAFFIC CONTROL PLAN	28
RETAINING WALL	29 - 32
STRUCTURE DEMOLITION PLANS	33 - 40
TEST BORING LOGS	41 - 44
RIGHT OF WAY	

PROJECT DESCRIPTION

REMOVAL OF BRIDGE NO. HAM-264-1044 (SFN 3111547) OVER THE ABANDONED RAILROAD. RECONSTRUCTION OF ROADWAY ON NEW EMBANKMENT. CONSTRUCTION OF RETAINING WALL ON WEST SIDE OF GLENWAY AVENUE.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA: 0.67 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 0.00 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA: 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.

APPROVED 
DISTRICT DEPUTY DIRECTOR

APPROVED 
DIRECTOR, DEPARTMENT OF TRANSPORTATION

FEDERAL PROJECT NO.
E070 (467)

PID NO.
25349

CONSTRUCTION PROJECT NO.
.

RAILROAD INVOLVEMENT
NONE

HAM-SR264-10.42

p:\ohiodot-pw\Bentley.com\ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\25349\400-Engineering\Roadway\Sheets\25349_GN001.dgn Sheet 4/15/2025 4:34:55 PM g\out

UTILITIES

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

CINCINNATI BELL - AERIAL & PLACING
221 E. 4TH ST, BLDG. 121-900
CINCINNATI, OH 45201
513-565-6014 (ROB STROCHINSKY)
ROBERT.STROCHINSKY@CINBELL.COM
ROADPROJECTS@CINBELL.COM

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

DUKE ENERGY - ELECTRIC (DISTRIBUTION)
2010 DANA AVE
CINCINNATI, OH 45207
513-508-9609 (SHANE ERHART)
SHANE.ERHART@DUKE-ENERGY.COM

GREATER CINCINNATI WATER WORKS
3845 EASTERN AVE
CINCINNATI, OH 45226
513-352-3723 (DAN LOUIS)
DANIEL.LOUIS@GCWW.CINCINNATI-OH.GOV

CINCINNATI STORMWATER MANAGEMENT UTILITY
4747 SPRING GROVE AVENUE
CINCINNATI, OH 45232
513-591-7746 (ROB GOODPASTER)
ROBERT.GOODPASTER@CINCINNATI-OH.GOV
SMUPLANREVIEW@CINCINNATI-OH.GOV

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

DUKE ENERGY GAS
139 EAST 4TH ST., ROOM 460A
CINCINNATI, OH 45202
OH/KYHOUSEBILL@DUKE-ENERGY.COM

CITY OF CINCINNATI TRAFFIC
801 PLUM ST, ROOM 320
CINCINNATI, OH 45202
513-352-3730 (LINDA KISER)
LINDA.KISER@CINCINNATI-OH.GOV

ITEM 840 - MECHANICALLY STABILIZED EARTH WALL, AS PER PLAN

COVER THE JOINTS AND THE INTERSECTION OF THE MSE WALL AND THE EXISTING ABUTMENT WITH ITEM 204 - GEOTEXTILE FABRIC. EXTEND THE GEOTEXTILE FABRIC A MINIMUM OF 3 FT. FROM THE WALL INTERSECTION IN EACH DIRECTION. SEE SHEET 30 FOR DETAILS. ALL OTHER REQUIREMENTS OF SS 840 APPLY. THE LABOR, EQUIPMENT AND MATERIALS TO INSTALL THE GEOTEXTILE AT THE WALL INTERSECTION IS INCLUDED IN THE LUMP SUM PAY ITEM FOR SS 840 MECHANICALLY STABILIZED EARTH WALL, AS PER PLAN.

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: STATIC OPUS SOLUTION AND VRS
MONUMENT TYPE: IRON PINS

VERTICAL POSITIONING

ORTHOMETRIC HEIGHT DATUM: NAVD88
GEOID: GEOID12A MOUNT POINT 2011

HORIZONTAL POSITIONING

REFERENCE FRAME: NAD83 (NSR2011)
ELLIPSOID: GRS80
MAP PROJECTION: LAMBERT CONFORMAL CONIC
COORDINATE SYSTEM: OHIO STATE PLANE SOUTH ZONE (SPC 3402)
COMBINED SCALE FACTOR: 1.000000 (GROUND TO GRID)
ORIGIN OF COORDINATE SYSTEM: 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. USE THE FOLLOWING CONVERSION FACTOR: 1 METER = 3.280833333 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.

CONSTRUCTION ACTIVITY RESTRICTIONS

THE CONDITION OF THE EXISTING 36" STORM SEWER UNDER THE BRIDGE IS UNKNOWN. TO AVOID DAMAGE THE SEWER PIPE, THE CONTRACTOR SHALL AVOID PLACEMENT OF EQUIPMENT, MATERIALS OR DEMOLITION DEBRIS WITHIN FOUR FEET OF EITHER SIDE OF THE STORM SEWER. ANY DAMAGE TO THE STORM SEWER SHALL BE REPAIRED AT THE CONTRACTOR'S COST.

SEEDING AND MULCHING

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

659, TOPSOIL 109 CU. YD.

659, SEEDING AND MULCHING 980 SQ. YD.

659, REPAIR SEEDING AND MULCHING 49 SQ. YD

659, COMMERCIAL FERTILIZER 0.13 TON

659, LIME 0.20 ACRES

659, WATER 5.4 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.

ROUNDING

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

ITEM 203 - EMBANKMENT, AS PER PLAN

PROVIDE SELECT GRANULAR BACKFILL MEETING THE REQUIREMENT OF SS 840 FOR ALL EMBANKMENT PLACED FROM THE REAR OF THE MSE WALL PANELS TO THE PHASE 1 BRIDGE REMOVAL LIMITS. PLACE THE SELECT GRANULAR BACKFILL PER ITEM 203. THE CROSS-SECTIONS ILLUSTRATE THE LIMITS OF THE SELECT GRANULAR BACKFILL INCLUDED WITH THIS PAY ITEM.

ITEM 867 - TEMPORARY WIRE FACED MECHANICALLY STABILIZED EARTH WALL, AS PER PLAN

COVER THE JOINTS AND THE INTERSECTION OF THE TEMPORARY MSE WALL AND THE EXISTING ABUTMENT WITH ITEM 204 - GEOTEXTILE FABRIC. ATTACH THE GEOTEXTILE FABRIC TO THE EXISTING ABUTMENT WITH ADHESIVE THAT SECURES THE GEOTEXTILE IN PLACE DURING CONSTRUCTION. EXTEND THE GEOTEXTILE FABRIC A MINIMUM OF 3 FT. FROM THE WALL INTERSECTION IN EACH DIRECTION SEE SHEET 32 FOR DETAILS. ALL OTHER REQUIREMENTS OF SS 867 APPLY. THE LABOR, EQUIPMENT AND MATERIALS TO INSTALL THE GEOTEXTILE AT THE WALL INTERSECTION IS INCLUDED IN THE LUMP SUM PAY ITEM FOR SS 867 TEMPORARY WIRE FACED MECHANICALLY STABILIZED EARTH WALL, AS PER PLAN.

MONUMENT ASSEMBLIES

CONSTRUCT MONUMENT ASSEMBLIES IN ACCORDANCE WITH THE DETAILS SHOWN ON THE STANDARD CONSTRUCTION DRAWINGS AND AT THE LOCATIONS SHOWN ON THE RIGHT OF WAY PLANS. THE FOLLOWING QUANTITIES ARE CARRIED TO THE GENERAL SUMMARY.

ITEM 623 - MOMUMENT ASSEMBLY, TYPE C 5 EACH

PROJECT CONTROL

Point	North	East	Elevation	Station	Offset	Feature
SV2	418052.64	1371056.59	864.77	551+84.84	79.07	CUTS
SV3	417962.70	1371124.86	890.76	552+88.28	34.48	CUTS
SV4	418240.68	1371129.83	887.25	550+30.03	-50.47	CUTS

CONNECTION BETWEEN EXISTING AND PROPOSED GUARDRAIL

WHEN IT IS NECESSARY TO SPLICE PROPOSED GUARDRAIL TO EXISTING GUARDRAIL, ONLY THE EXISTING GUARDRAIL SHALL BE CUT, DRILLED, OR PUNCHED. THE CONNECTION SHALL BE MADE USING A W-BEAM, BEAM SPLICE AS SHOWN IN AASHTO M 180-12, EXCEPT THE BEAM WASHERS ARE NOT TO BE USED. PAYMENT SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE RESPECTIVE GUARDRAIL ITEMS.

ITEM 611 - CATCH BASIN GRATE

NEW GRATE PER SCD CB-3A SHALL BE ADDED TO CATCH BASIN AT STA. 52+09.40, 84.8' RT.

ITEM 204 - SUBGRADE COMPACTION AND PROOF ROLLING

CONSTRUCT THE SUBGRADE AS FOLLOWS AND IN THE FOLLOWING SEQUENCE:

- SHAPE THE SUBGRADE TO WITHIN 0.2 FEET OF THE PLAN SUBGRADE ELEVATION.
- EXCAVATE AND REPLACE UNSUITABLE SUBGRADE BEFORE PROOF ROLLING. THE EXCAVATION LIMITS ARE SHOWN AND LABELED ON THE CROSS SECTIONS AS UNSUITABLE SUBGRADE. UNSUITABLE SUBGRADE INCLUDES UNSUITABLE SOIL (A-4B, A-2-5, A-5, A-7-5, AND SOIL WITH A LIQUID LIMIT GREATER THAN 65) AND ANY COAL, SHALE, OR ROCK WHICH NEEDS TO BE REMOVED ACCORDING TO SECTION 204.05 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS (C&MS).

IF THERE IS UNSUITABLE SUBGRADE IN A SHALLOW FILL LOCATION, EXCAVATE AND REPLACE THE UNSUITABLE SUBGRADE BEFORE CONSTRUCTING THE SHALLOW FILL AND SHAPING THE SUBGRADE.
- COMPACT THE SUBGRADE ACCORDING TO C&MS 204.03.
- APPROXIMATE LIMITS FOR EXCAVATION OF UNSTABLE SUBGRADE ARE SHOWN AND LABELED ON THE CROSS SECTIONS AS UNSTABLE SUBGRADE. THE ENGINEER WILL IDENTIFY THE ACTUAL LIMITS OF EXCAVATION FOR UNSTABLE SUBGRADE BASED ON THE PROOF ROLLING RESULTS AND VISUAL OBSERVATIONS.

PROOF ROLL THE COMPACTED SUBGRADE ACCORDING TO C&MS 204.06.
- EXCAVATE UNSTABLE SUBGRADE AS DIRECTED BY THE ENGINEER AND STABILIZE BY REPLACING WITH THE SPECIFIED MATERIALS ACCORDING TO C&MS 204.07. EXCAVATIONS WILL EXTEND 18 INCHES BEYOND THE EDGE OF THE SURFACE OF THE PAVEMENT, PAVED SHOULDERS, OR PAVED MEDIANS.
- PROOF ROLL THE STABILIZED AREAS ACCORDING TO C&MS 204.06 TO VERIFY STABILITY.
- FINE GRADE THE SUBGRADE TO THE SPECIFIED GRADE.

THE QUANTITIES FOR EXCAVATING THE UNSUITABLE SUBGRADE AND UNSTABLE SUBGRADE ARE BOTH PAID UNDER ITEM 204, EXCAVATION OF SUBGRADE.

pw:\ohiodot-pw.bentley.com\ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\25349\400-Engineering\W0T\Sheets\25349_MN001.dgn Sheet 4/14/2025 4:11:20 PM gtrout

SEQUENCE OF CONSTRUCTION

PHASE 1
CONTRACTOR SHALL PERFORM ALL WORK ON THE WEST SIDE OF SR 264. CONSTRUCT TEMPORARY WALL AT BRIDGE SAWCUT LINE. REPLACE EXISITNG SIDEWALK ON WEST SIDE OF SR 264 WITH ITEM 615 – PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B FOR PHASE 2 CONSTRUCTION. CONTRACTOR SHALL MAINTAIN ONE LANE OF TRAFFIC IN EACH DIRECTION AT ALL TIMES. LANES SHALL BE A MINIMUM OF 11 FEET WIDTH WITH A 2’ SHOULDER ON EACH SIDE WITH PORTABLE CONCRETE BARRIER PER SCD MT-101.90. SIGNAL HEADS TO BE MOVED TO LINE UP WITH NEW LANE CONFIGURATION.

PHASE 2
CONTRACTOR SHALL PERFORM ALL WORK ON THE EAST SIDE OF SR 264. TEMPORARY WALL CONSTRUCTED IN PHASE 1 TO REMAIN IN PLACE AT BRIDGE SAWCUT LINE. REMOVE PORTIONS OF THE WIRE WALL THAT CONFLICT WITH PERMANENT ITEMS AS NECESSARY. CONTRACTOR SHALL MAINTAIN ONE LANE OF TRAFFIC IN EACH DIRECTION AT ALL TIMES. LANES SHALL BE A MINIMUM OF 11 FEET WIDTH WITH A 1’ SHOULDER ON EACH SIDE WITH PORTABLE CONCRETE BARRIER PER SCD MT-101.90. SIGNAL HEADS TO BE MOVED TO LINE UP WITH NEW LANE CONFIGURATION.

PHASE 3
TRAFFIC SHALL SWITCH BACK TO PHASE 1 TRAFFIC PATTERN. CONTRACTOR SHALL CONSTRUCT SIDEWALK AND GUARDRAIL ON THE WEST SIDE OF SR 264. CONTRACTOR SHALL MAINTAIN ONE LANE OF TRAFFIC IN EACH DIRECTION AT ALL TIMES. LANES SHALL BE A MINIMUM OF 11 FEET WIDTH WITH A 2’ SHOULDER ON EACH SIDE WITH PORTABLE CONCRETE BARRIER PER SCD MT-101.90. SIGNAL HEADS TO BE MOVED TO LINE UP WITH NEW LANE CONFIGURATION.

PHASE 4
CONTRACTOR SHALL COMPLETE ALL STRIPING AND SIGNAGE. SIGNAL HEADS TO BE MOVED TO ORIGINAL CONFIGURATION.

WORK ZONE MARKINGS AND SIGNS

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AT LOCATIONS IDENTIFIED BY THE ENGINEER FOR WORK ZONE PAVEMENT MARKINGS AND SIGNS PER THE REQUIREMENTS OF C&MS 614.04 AND 614.11.

PHASE 4 (PROPOSED CONFIGURATION)

- ITEM 614, WORK ZONE LANE LINE, CLASS III 4”, 642.....0.27 MILE
- ITEM 614, WORK ZONE CENTER LINE, CLASS III, 642.....0.17 MILE
- ITEM 614, WORK ZONE DOTTED LINE, CLASS III, 4”, 642.....319 FT
- ITEM 614, WORK ZONE STOP LINE, CLASS III, 642.....110 FT
- ITEM 614, WORK ZONE CHANNELIZING LINE, CLASS III, 12”, 642....120 FT

ITEM 614, MAINTAINING TRAFFIC

A MINIMUM OF 1 LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES BY USE OF THE EXISTING PAVEMENT, THE COMPLETED PAVEMENT, AND ITEM 615 PAVEMENT FOR MAINTAINING TRAFFIC. SHORT TERM LANE CLOSURE DURING PRE-PHASE 1 AND PHASE 4 SHALL FOLLOW UNAUTHORIZED LANE USE TABLE ON THIS SHEET.

ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC IN ORIGINAL OR PROPOSED FINAL ALIGNMENT BETWEEN NOVEMBER 1 AND APRIL 1. SHOULD THE CONTRACTOR FAIL TO MEET THESE REQUIREMENTS, A DISINCENTIVE SHALL BE ASSESSED IN THE AMOUNT OF \$35,000 PER CALENDAR DAY.

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

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 OR EVENT	TIME ALL LANES 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).

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.

PEDESTRIAN TRAFFIC TO BE DETOURED PER SCD MT-110.10. ADD M4-9B-30 SIGNAGE PER DETOUR TO ANOTHER FACILITY PER SCD MT-110.10. DETOUR SHALL FOLLOW GLENWAY AVENUE AND CROSS AT CROSSWALK AT INTERSECTION OF NOVA AVE. DETOUR TO THEN FOLLOW THE EAST SIDE OF GLENWAY AVE. TO GLENHILLS WAY AND CROSS AT THE CROSSWALK AT GLENHILLS WAY AND BOUDINOT AVE. DETOUR THEN FOLLOWS BOUDINOT AVE. AND CROSSES AT THE CROSSWALK AT BOUDINOT/CROOKSHANK AT GLENWAY. REVERSE DIRECTION FOR OPPOSITE SIDE OF CLOSURE. 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.

PERMITTED LANE CLOSURE TIMES

SHORT TERM LANE CLOSURES ARE THOSE WHICH ARE PERMITTED BY THE PERMITTED LANE CLOSURE NOTE. THESE TIMES SHALL NOT BE REVISED WITHOUT PRIOR APPROVAL FROM THE DISTRICT 8 WORK ZONE TRAFFIC CONTROL MANAGER. SHORT TERM LANE CLOSURES SHALL ONLY BE IMPLEMENTED WHEN WORK IS BEING CONTINUOUSLY PERFORMED IN THE LANE. THE CLOSURE SHALL BE REMOVED AS SOON AS POSSIBLE AFTER WORK HAS STOPPED. PERMITTED LANE CLOSURES SHALL ONLY BE ALLOWED DURING THE TIMES SPECIFIED IN THE UNAUTHORIZED LANE USE TABLE INCLUDED IN THESE PLANS. NO LANE OR SHOULDER CLOSURE SHALL BE IN PLACE WHEN NO WORK IS BEING PERFORMED.

UNAUTHORIZED LANE USE TABLE			
DESCRIPTION OF CRITICAL LANE/RAMP TO BE MAINTAINED	PERMITTED TIME PERIOD	TIME UNIT	DISINCENTIVE \$ PER TIME UNIT
SR 264 EB: MAINTAIN ONE LANE OF TRAFFIC IN EACH DIRECTION	ALL TIMES	1 MINUTE PERIOD	\$105
SR 264 WB: MAINTAIN ONE LANE OF TRAFFIC IN EACH DIRECTION	6 PM to 12 PM	1 MINUTE PERIOD	\$105
SR264: MAINTAIN ONE LANE OF TWO-WAY TRAFFIC USING A FLAGGER.	10 PM to 6 AM	1 MINUTE PERIOD	\$210

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.

OVERNIGHT TRENCH CLOSING

THE BASE WIDENING SHALL BE COMPLETED TO A DEPTH OF NO MORE THAN 12 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 UN-COMPLETED BASE WIDENING SHALL BE BACK-FILLED AT THE DIRECTION OF THE ENGINEER. TRENCHES WITHIN THE TRAVELED LANE SHALL BE COMPLETED FLUSH TO THE ADJACENT PAVEMENT.

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 41 M. GAL.

FLOODLIGHTING

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.

ITEM 614, WORK ZONE IMPACT ATTENUATOR FOR 24" WIDE HAZARDS (UNIDIRECTIONAL OR BIDIRECTIONAL)

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING A NONGATING IMPACT ATTENUATOR. FURNISH AN IMPACT ATTENUATOR FROM THE OFFICE OF ROADWAY ENGINEERING’S APPROVED LIST FOR WORK ZONE IMPACT ATTENUATORS, FROM THE ROADWAY STANDARDS APPROVED PRODUCTS WEB PAGE.

INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS IN ACCORDANCE WITH THE MANUFACTURER’S SPECIFICATIONS.

THE CONTRACTOR SHALL REPAIR OR REPLACE A DAMAGED UNIT WITHIN 24 HOURS OF A DAMAGING IMPACT.

WHEN BIDIRECTIONAL DESIGNS ARE SPECIFIED, THE CONTRACTOR SHALL SUPPLY APPROPRIATE TRANSITIONS.

WHEN GATING IMPACT ATTENUATORS ARE DESIRED, THE CONTRACTOR SHALL SUBMIT DOCUMENTATION TO THE ENGINEER FOR ACCEPTANCE.

THE COST FOR THE ADDITIONAL BARRIER REQUIRED FOR A GATING IMPACT ATTENUATOR SHALL BE INCLUDED IN THE COST OF THE GATING IMPACT ATTENUATOR.

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID AND SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT AND MATERIALS NECESSARY TO CONSTRUCT AND MAINTAIN A COMPLETE AND FUNCTIONAL IMPACT ATTENUATOR SYSTEM, INCLUDING ALL RELATED BACKUPS, TRANSITIONS, LEVELING PADS, HARDWARE AND GRADING, NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER.

SHEET NUM.													PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.	CALCULATED LWB	CHECKED JDO
3	6	16	17	18	19	25						01/S>2/40	EXT	TOTAL							
																	ROADWAY				
												LS	201	11000	LS		CLEARING AND GRUBBING				
		2										2	202	20010	2	EACH	HEADWALL REMOVED				
		53										53	202	23000	53	SY	PAVEMENT REMOVED				
		2,166										2,166	202	30000	2,166	SF	WALK REMOVED				
		399										399	202	32000	399	FT	CURB REMOVED				
		56										56	202	35100	56	FT	PIPE REMOVED, 24" AND UNDER				
		58										58	202	35200	58	FT	PIPE REMOVED, OVER 24"				
		301										301	202	38000	301	FT	GUARDRAIL REMOVED				
		2										2	202	42040	2	EACH	ANCHOR ASSEMBLY REMOVED, TYPE T				
		4										4	202	47000	4	EACH	BRIDGE TERMINAL ASSEMBLY REMOVED				
		4										4	202	58100	4	EACH	CATCH BASIN REMOVED				
		136										136	202	75000	136	FT	FENCE REMOVED				
		LS										LS	202	98000	LS		REMOVAL MISC.: ROCK CHANNEL PROTECTION	4			
						271						271	203	10000	271	CY	EXCAVATION				
						3,885						3,885	203	20000	3,885	CY	EMBANKMENT				
						6,124						6,124	203	20001	6,124	CY	EMBANKMENT, AS PER PLAN	3			
			1,435									1,435	204	10000	1,435	SY	SUBGRADE COMPACTION	3			
			180									180	204	13000	180	CY	EXCAVATION OF SUBGRADE				
			558									558	204	30020	558	CY	GRANULAR MATERIAL, TYPE C				
			1									1	204	45000	1	hour	PROOF ROLLING	3			
			1,435									1,435	204	50000	1,435	SY	GEOTEXTILE FABRIC				
		288										288	606	15100	288	FT	GUARDRAIL, TYPE MGS WITH LONG POSTS				
		2,166										2,166	608	12000	2,166	SF	5" CONCRETE WALK				
5												5	623	38500	5	EACH	MONUMENT ASSEMBLY, TYPE C				
												LS	SPECIAL	69098400	LS		SPECIAL - CONSULTANT FOR CONCRETE QUALITY CONTROL INCLUDING TESTING AND INSPECTION	4			
												LS	878	25000	LS		INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS				
												LS	SPECIAL	69098400	LS		ENVIRONMENTAL / REMEDIATION				
																	SPECIAL - MISC.: WORK INVLOVING ASBESTOS CONTAINING MATERIALS	4			
																	EROSION CONTROL				
	41											41	616	10000	41	MGAL	WATER				
109												109	659	00300	109	CY	TOPSOIL				
						980						980	659	10000	980	SY	SEEDING AND MULCHING				
49												49	659	14000	49	SY	REPAIR SEEDING AND MULCHING				
0.13												0.13	659	20000	0.13	TON	COMMERCIAL FERTILIZER				
0.2												0.2	659	31000	0.2	ACRE	LIME				
5.4												5.4	659	35000	5.4	MGAL	WATER				
												10,000	832	30000	10,000	EACH	EROSION CONTROL				
				113								113	601	37500	113	FT	PAVED GUTTER, TYPE 1-2				
				35								35	601	37501	35	FT	PAVED GUTTER, TYPE 1-2, AS PER PLAN	4			
				285								285	605	06000	285	FT	4" BASE PIPE UNDERDRAINS				
				40								40	611	00410	40	FT	4" CONDUIT, TYPE F FOR UNDERDRAIN OUTLET				
				191								191	611	04400	191	FT	12" CONDUIT, TYPE B				
				20								20	611	04400	20	FT	12" CONDUIT, TYPE B WITH STEEL PIPE ENCASEMENT (748.06)				
				52								52	611	16400	52	FT	36" CONDUIT, TYPE B				
				44								44	611	16400	44	FT	36" CONDUIT, TYPE B WITH STEEL PIPE ENCASEMENT (748.06)				
				2								2	611	99574	2	EACH	MANHOLE, NO. 3				
				5								5	611	98180	5	EACH	CATCH BASIN, NO. 3A				
				3								3	611	98470	3	EACH	CATCH BASIN, NO. 2-2B				
				1								1	611	98540	1	EACH	CATCH BASIN, NO. 2-4				
				1								1	611	98644	1	EACH	CATCH BASIN GRATE				
																	PAVEMENT				
			305									305	301	56000	305	CY	ASPHALT CONCRETE BASE, PG64-22, (449)				
			250									250	304	20000	250	CY	AGGREGATE BASE				
			254									254	407	20000	254	GAL	NON-TRACKING TACK COAT				
			61									61	441	50000	61	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22				
			67									67	441	50300	67	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)				

SHEET NUM.													PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.	CALCULATED LWB	CHECKED JDO
5	6	7	16	17	19	29							01/S>2/40	EXT	TOTAL						
																	PAVEMENT (CONT.)				
				591									591	609	26000	591	FT	CURB, TYPE 6			
																	TRAFFIC CONTROL				
					47								47	621	00100	47	EACH	RPM			
				47									47	621	54000	47	EACH	RAISED PAVEMENT MARKER REMOVED			
			1										1	625	75400	1	EACH	LIGHT POLE REMOVED			
				3									3	626	00110	3	EACH	BARRIER REFLECTOR, TYPE 2, (ONE-WAY)			
				0.27									0.27	644	00200	0.27	MILE	LANE LINE, 4"			
					0.17								0.17	644	00300	0.17	MILE	CENTER LINE			
				110									110	644	00500	110	FT	STOP LINE			
				228									228	644	01500	228	FT	DOTTED LINE, 4"			
				91									91	644	01501	91	FT	DOTTED LINE, 4", AS PER PLAN	4		
				2									2	644	01300	2	EACH	LANE ARROW			
					227								227	644	00400	227	FT	CHANNELIZING LINE, 8"			
																	RETAINING WALLS (RWI)				
					32								32	204	50001	32	SY	GEOTEXTILE FABRIC, AS PER PLAN	29		
				LS									LS	503	11100	LS		CUTTINGS AND EXCAVATION DRAINAGE			
				3,988									3,988	512	10101	3,988	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), AS PER PLAN	29		
				159									159	607	39900	159	FT	LANDFILL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC			
				3,988									3,988	840	20001	3,988	SF	MECHANICALLY STABILIZED EARTH WALL, AS PER PLAN	3		
					652								652	840	21000	652	CY	WALL EXCAVATION			
				336									336	840	22001	336	SY	FOUNDATION PREPARATION, AS PER PLAN	29		
				323									323	840	25010	323	FT	6" DRAINAGE PIPE, PERFORATED			
				2.5									2.5	840	25020	2.5	FT	6" DRAINAGE PIPE, NON-PERFORATED			
				159									159	840	26000	159	FT	CONCRETE COPING			
					3,988								3,988	840	26050	3,988	SF	AESTHETIC SURFACE TREATMENT			
				5									5	840	27000	5	DAY	ON-SITE ASSISTANCE			
				LS									LS	867	00101	LS		TEMPORARY WIRE FACED MECHANICALLY STABILIZED EARTH WALL, AS PER PLAN	3		
																	STRUCTURE REPAIR (HAM-SR264-10.42)	36			
																	MAINTENANCE OF TRAFFIC				
			160										160	614	11110	160	hour	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE			
7													7	614	12384	7	EACH	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL)			
18													18	614	13310	18	EACH	BARRIER REFLECTOR, TYPE I, (BI-DIRECTIONAL)			
18													18	614	13350	18	EACH	OBJECT MARKER, ONE WAY			
	0.27												0.27	614	20550	0.27	MILE	WORK ZONE LANE LINE, CLASS III, 4", 642 PAINT			
0.19													0.19	614	21200	0.19	MILE	WORK ZONE CENTER LINE, CLASS I, 740.06, TYPE I			
	0.17												0.17	614	21550	0.17	MILE	WORK ZONE CENTER LINE, CLASS III, 642 PAINT			
0.42													0.42	614	22200	0.42	MILE	WORK ZONE EDGE LINE, CLASS I, 4", 740.06, TYPE I			
607													607	614	24400	607	FT	WORK ZONE DOTTED LINE, CLASS I, 4", 740.06, TYPE I			
	319												319	614	24610	319	FT	WORK ZONE DOTTED LINE, CLASS III, 4", 642 PAINT			
22													22	614	26400	22	FT	WORK ZONE STOP LINE, CLASS I, 740.06, TYPE I			
	110												110	614	26610	110	FT	WORK ZONE STOP LINE, CLASS III, 642 PAINT			
259													259	614	23010	259	FT	WORK ZONE CHANNELIZING LINE, CLASS I, 12"			
	120												120	614	23690	120	FT	WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT			
255													255	615	25000	255	SY	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B			
779													779	622	41100	779	FT	PORTABLE BARRIER, UNANCHORED			
																	INCIDENTALS				
													LS	614	11000	LS		MAINTAINING TRAFFIC			
													LS	623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING			
													LS	624	10000	LS		MOBILIZATION			

DRAINAGE SUBSUMMARY

19
44

pw:\ohiodot-pw.bentley.com\ohiodot-pw-02\Documents\01Active Projects\District 08\Hamilton\25349\400-Engineering\Structures\SFN_311547\Sheets\264_1051C_SNO01.dgn Sheet 4/15/2025 5:14:24 PM

ITEM 202 – BRIDGE RAILING REMOVED, AS PER PLAN

THE CONTRACTOR SHALL REMOVE THE EXISTING METAL BRIDGE RAILING AND STORE IT FOR PICKUP BY THE STATE.

EXISTING STRUCTURE VERIFICATION

EXISTING STRUCTURE VERIFICATION: DETAILS AND DIMENSIONS SHOWN ON THESE PLANS PERTAINING TO THE EXISTING STRUCTURE HAVE BEEN OBTAINED FROM PLANS OF THE EXISTING STRUCTURE AND FROM FIELD OBSERVATIONS AND MEASUREMENTS. CONSEQUENTLY, THEY ARE INDICATIVE OF THE EXISTING STRUCTURE AND THE PROPOSED WORK BUT THEY SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. THE CONTRACTOR IS REFERRED TO CMS SECTIONS 102.05 AND 105.02.

BASE CONTRACT BID PRICES UPON A RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PREBID EXAMINATION OF THE EXISTING STRUCTURE. HOWEVER, THE DEPARTMENT WILL PAY FOR ALL PROJECT WORK BASED UPON ACTUAL DETAILS AND DIMENSIONS WHICH HAVE BEEN VERIFIED IN THE FIELD.

ITEM 503, COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN

THE DESIGN SHOWN ON THE PLANS FOR TEMPORARY SUPPORT OF EXCAVATION IS ONE REPRESENTATIVE DESIGN THAT MAY BE USED TO CONSTRUCT THE PROJECT. THE CONTRACTOR MAY CONSTRUCT THE DESIGN SHOWN ON THE PLANS OR PREPARE AN ALTERNATE DESIGN TO SUPPORT THE SIDES OF EXCAVATIONS. IF CONSTRUCTING AN ALTERNATE DESIGN FOR TEMPORARY SUPPORT OF EXCAVATION, PREPARE AND PROVIDE PLANS IN ACCORDANCE WITH C&MS 501.05. THE DEPARTMENT WILL PAY FOR THE TEMPORARY SUPPORT OF EXCAVATION AT THE CONTRACT LUMP SUM PRICE FOR COFFERDAMS AND EXCAVATION BRACING. NO ADDITIONAL PAYMENT WILL BE MADE FOR PROVIDING AN ALTERNATE DESIGN.

ITEM 516, JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN

THIS WORK CONSISTS OF PROVIDING TEMPORARY DECK EDGE SUPPORT DURING PHASED DEMOLITION OF THE BRIDGE AS SHOWN IN THE PROJECT PLANS. PROVIDE SHORING AS NEEDED ALONG PHASED CONSTRUCTION LINE TO SUPPORT APPROACH SLABS AND ACCOMODATE REMOVAL OF ABUTMENT BACKWALLS.

SUBMIT CONSTRUCTION/DEMOLITION PLANS IN ACCORDANCE WITH CMS 501.05.

IF, DURING THE JACKING OPERATIONS, CRACKING OF THE CONCRETE SUPERSTRUCTURE, SEPARATION OF THE CONCRETE DECK FROM THE STEEL STRINGERS, OR OTHER DAMAGE TO THE STRUCTURE IS VISUALLY OBSERVED, IMMEDIATELY CEASE THE JACKING OPERATION AND INSTALL SUPPORTS TO THE SATISFACTION OF THE ENGINEER. ANALYZE THE DAMAGE AND SUBMIT A METHOD OF CORRECTION TO THE ENGINEER FOR APPROVAL. EPOXY INJECT ALL BEAMS THAT SEPARATE FROM THE DECK FOR THE DISTANCE OF THE SEPARATION IN ACCORDANCE WITH CMS 512.07. THE DEPARTMENT WILL NOT PAY FOR THE COST OF THIS EPOXY INJECTION OR OTHER REQUIRED REPAIRS. THE BRIDGE BEARINGS SHALL BE FULLY SEATED AT ALL CONTACT AREAS. IF FULL SEATING IS NOT ATTAINED, SUBMIT A REPAIR PLAN TO THE ENGINEER. THE DEPARTMENT WILL NOT PAY FOR THE REPAIR COSTS TO ENSURE FULL SEATING ON BEARINGS.

THE DEPARTMENT WILL MEASURE THIS WORK ON A LUMP SUM BASIS.

THE DEPARTMENT WILL PAY FOR THE ACCEPTED QUANTITIES AT THE CONTRACT PRICE FOR ITEM 516, JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN.

PROPOSED WORK

REMOVE BRIDGE HAM-264-1046 (SFN 3111547) WHICH CARRIES SR 264 OVER AN ABANDONED RAIL LINE:

- REMOVE THE EXISTING SUPERSTRUCTURE, APPROACH SLABS, AND BEARINGS IN ACCORDANCE WITH THE MAINTENANCE OF TRAFFIC PHASES. ERECT TEMPORARY DECK BRACES AS NEEDED ALONG THE PHASE CONSTRUCTION LINE TO SUPPORT THE PHASE TWO INTERIOR DECK EDGE.
- REMOVE PORTIONS OF THE EXISTING ABUTMENT BACKWALLS DOWN TO THE BEAM SEAT. REMOVE THE PIER DOWN TO THE STEM WALL TO ACCOMMODATE FUTURE UTILITIES. REMOVE A PORTION OF THE PIER STEM WALL IF NEEDED TO CONSTRUCT THE TEMPORARY MSE WALL. REMOVALS SHALL PROCESS IN ACCORDANCE WITH THE MAINTENANCE OF TRAFFIC PHASES. REMOVE THE TOPS OF WING WALLS #2 AND #3 DOWN TO 12" BELOW FINISHED GRADE. WING WALLS #1 AND #4 SHALL NOT BE DISTURBED.
- REPLACE THE CONDUITS UNDER THE BRIDGE WITH NEW CONDUITS WITH SUFFICIENT STRUCTURAL CAPACITY FOR THE PROPOSED DEPTH.
- CONSTRUCT THE NEW RETAINING WALL AT THE APPROXIMATE BACK OF THE OF THE EXISTING PARKING LOT. THIS WILL ELIMINATE THE EASTERN MOST PARKING SPACES AND LIGHT POLE, BUT OTHERWISE MINIMIZES THE HEIGHT OF THE PROPOSED WALL, IMPACT TO THE REST OF THE BACK PARKING AREA, UTILITIES, AND BUILDING/SITE FUNCTIONALITY. GRADE AREA IN FRONT OF WALL TO DRAIN.
- MINIMIZE IMPACTS TO THE EXISTING BILLBOARDS.
- REPLACE THE EXISTING SUPERSTRUCTURE AND AREA UNDER THE BRIDGE WITH NEW EMBANKMENT AND NEW FULL DEPTH PAVEMENT. MATCH THE APPROACH ROADWAY WIDTH, EXCEPT THAT THE NEW SIDEWALK SHALL BE EIGHT FEET WIDE ON THE WEST SIDE.
- PROVIDE NEW ROADWAY AND RETAINING WALL DRAINAGE AS NECESSARY.
- PROVIDE NEW GUARDRAIL OR BARRIER AS NEEDED.
- SEAL THE WALL AND EXPOSED BRIDGE CONCRETE WITH A CLEAR, NON-EPOXY, SILANE SEALER.

ITEM 202, PORTIONS OF STRUCTURE REMOVED, AS PER PLAN

THIS ITEM SHALL INCLUDE THE ELEMENTS INDICATED IN THE PLANS AND GENERAL NOTES AND THAT ARE NOT SEPARATELY LISTED FOR PAYMENT, EXCEPT FOR WEARING COURSE REMOVAL. ITEMS TO BE REMOVED INCLUDE ALL EXISTING MATERIALS BEING REPLACED BY NEW CONSTRUCTION AND MISCELLANEOUS ITEMS THAT ARE NOT SHOWN TO BE INCORPORATED INTO THE FINAL CONSTRUCTION AND ARE DIRECTED TO BE REMOVED BY THE ENGINEER. THE USE OF EXPLOSIVES, HEADACHE BALLS AND/OR HOE-RAMS WILL NOT BE PERMITTED. THE METHOD OF REMOVAL AND THE WEIGHT OF HAMMER SHALL BE APPROVED BY THE ENGINEER. PERFORM ALL WORK IN A MANNER THAT WILL NOT CUT, ELONGATE OR DAMAGE THE EXISTING REINFORCING STEEL TO BE PRESERVED. CHIPPING HAMMERS SHALL NOT BE HEAVIER THAN THE NOMINAL 90-POUND CLASS. PNEUMATIC HAMMERS SHALL NOT BE PLACED IN DIRECT CONTACT WITH REINFORCING STEEL THAT IS TO BE RETAINED IN THE REBUILT STRUCTURE. SUBMIT CONSTRUCTION PLANS ACCORDING TO C&MS 501.05.

CUT LINE CONSTRUCTION JOINT PREPARATION

SAW CUT BOUNDARIES OF PROPOSED CONCRETE REMOVALS 1 INCH DEEP. REMOVE CONCRETE TO A ROUGH SURFACE. LEAVE THE EXISTING REINFORCING STEEL, IF REQUIRED IN THE PLANS, IN PLACE.

SUBSTRUCTURE CONCRETE REMOVAL

REMOVE CONCRETE BY MEANS OF APPROVED PNEUMATIC HAMMERS EMPLOYING POINTED AND BLUNT CHISEL TOOLS. HYDRAULIC HOE-RAM TYPE HAMMERS WILL ONLY BE PERMITTED FOR DEMOLITION OF THE PIER ONCE ALL PHASE LINE CUTS ARE COMPLETED. THE WEIGHT OF THE HAMMER SHALL NOT BE MORE THAN 35 POUNDS FOR REMOVAL WITHIN 18 INCHES OF PORTIONS TO BE PRESERVED. OUTSIDE THE 18 INCH LIMIT. THE CONTRACTOR MAY USE HOE RAMS AS SPECIFIED OR HAMMERS NOT EXCEEDING 90 POUNDS UPON THE APPROVAL OF THE ENGINEER. DO NOT PLACE PNEUMATIC HAMMERS IN DIRECT CONTACT WITH REINFORCING STEEL, PIPES, ETC. THAT ARE TO BE RETAINED OR RE-USED IN THE REBUILT STRUCTURE OR ROADWAY.

REMOVALS SHALL PROCEED IN ACCORDANCE WITH SS 840 AND SS 867. ADDITIONAL REMOVALS MAY BE NEEDED TO MEET THE REQUIREMENTS OF SS 840 AND SS 867. CONTRACTOR SHALL COORDINATE WITH TEMPORARY AND PERMANENT RETAINING WALL MANUFACTURER TO ENSURE PROPER WALL INSTALLATIONS.

H A M - S R 2 6 4 - 1 0 . 4 2 P I D N o . 2 5 3 4 9	STRUCTURE NOTES BRIDGE NO: HAM-264-1042 SR 642 (GLENWAY AVE.) OVER ABANDONED RAILROAD		DESIGNED CAH	DRAWN CAH	REVIEWED XXX	DATE MM/DD/YY	DESIGN AGENCY OHIO DEPT. OF TRANSPORTATION DISTRICT 8 BRIDGE OFFICE
			CHECKED GTF	REVISED XXX	STRUCTURE FILE NUMBER 3111547		