

UTILITIES

THERE ARE NO KNOWN UNDERGROUND UTILITIES ON THIS PROJECT. HOWEVER IT IS STILL THE CONTRACTOR'S RESPONSIBILITY TO CHECK WITH LOCAL UTILITIES AND PARK OFFICIALS TO CONFIRM WHETHER UTILITIES EXIST.

EXISTING PLANS

THERE ARE NO KNOWN EXISTING PLANS FOR THE EXISTING CULVERT.

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.

POST-CONSTRUCTION CULVERT/CONDUIT INSPECTION

AT LEAST ONE WEEK PRIOR TO OPENING THE CULVERT TO TRAFFIC, AND BEFORE THE COFFERDAMS ARE REMOVED, THE CONTRACTOR SHALL NOTIFY THE ODOT DISTRICT 7 BRIDGE ENGINEER AT CHRIS.WEISS@DOT.OHIO.GOV TO ALLOW FOR A POST-CONSTRUCTION INITIAL INSPECTION OF THE CULVERT PUT IN SERVICE. THIS SUPERSEDES THE INSPECTION TIMEFRAME REQUIREMENT IN CMS 611.12.

ITEM 659 - SEEDING AND MULCHING, AS PER PLAN

THE INTENT OF THIS ITEM IS TO PROMOTE GROWTH FOR THE EARTH DISTURBED AREAS ON THIS PROJECT, NOT TO SEED AND MULCH AREAS OUTSIDE THESE LIMITS. THE INTENDED FOOTPRINT FOR THIS PROJECT IS SMALL IN NATURE, THEREFORE THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR WORKING CLOSELY WITH THE PROJECT ENGINEER IN CONTROLLING THE AREAS THAT WILL BE DISTURBED. ALL OTHER, ITEMS 659 NECESSARY TO PROMOTE GROWTH SHALL BE INCLUDED IN THIS ITEM, ALONG WITH ALL LABOR, MATERIALS, EQUIPMENT, AND INCIDENTALS NECESSARY TO COMPLETE THIS ITEM OF WORK SHALL BE INCLUDED IN THE UNIT BID PRICE PER SQUARE YARD FOR ITEM 659 - SEEDING AND MULCHING, AS PER PLAN.

ITEM 659 - SEEDING AND MULCHING107 SY.

ITEM 601 - CRUSHED AGGREGATE SLOPE PROTECTION, AS PER PLAN (3')

THE INTENT OF THIS ITEM IS TO MATCH THE EXISTING ROCK SIZE AND TYPE OF THE EXISTING SLOPE PROTECTION AT THE INLET, OR EAST END OF THE STRUCTURE. THE CONTRACTOR SHALL TAKE CARE IN THE PLACEMENT OF THE PROPOSED SLOPE PROTECTION, TO NOT DAMAGE THE PROPOSED HEADWALL, OR TO ALLOW FOR THE SLOPE PROTECTION TO SLIP BEYOND THE EXISTING LIMITS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PLACE THE SLOPE PROTECTION ACCORDING TO THESE PLANS, ANY CHANGE TO THE LIMITS OF THIS SLOPE PROTECTION MUST FIRST BE APPROVED BY THE ENGINEER, BEFORE PLACEMENT IS ALLOWED. ALL WORK, EQUIPMENT, LABOR, MATERIALS, AND INCIDENTALS NECESSARY TO COMPLETE THIS ITEM OF WORK SHALL BE INCLUDED IN THE UNIT BID PER SQUARE YARD FOR ITEM 601- CRUSHED AGGREGATE SLOPE PROTECTION, AS PER PLAN (3').

ITEM 601 - CRUSHED AGGREGATE SLOPE PROTECTION, AS PER PLAN (4")

THE INTENT OF THIS ITEM IS TO MATCH THE EXISTING ROCK SIZE AND TYPE OF THE EXISTING SLOPE PROTECTION AT THE OUTLET , OR WEST END OF THE STRUCTURE. THE CONTRACTOR SHALL TAKE CARE IN THE PLACEMENT OF THE PROPOSED SLOPE PROTECTION, TO NOT CREATE A SLIP/TRIP HAZARD ALONG THE EXISTING WALKWAY ABOVE THE SEAWALL /RETAININGWALL. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE THE SLOPE PROTECTION ACCORDING TO THESE PLANS. CHANGES TO THE LIMITS OF THIS SLOPE PROTECTION MUST FIRST BE APPROVED BY THE ENGINEER, BEFORE PLACEMENT IS ALLOWED. ALL WORK, LABOR, EQUIPMENT, MATERIALS, AND INCIDENTALS, NEEDED TO COMPLETE THIS ITEM OF WORK SHALL BE INCLUDED IN THE UNIT BID PER SQUARE YARD FOR ITEM 601- CRUSHED AGGREGATE SLOPE PROTECTION, AS PER PLAN.

ITEM 202 - WALK REMOVED, AS PER PLAN

THE CONTRACTOR SHALL TAKE CARE WHEN REMOVING A SECTION(S) OF THE EXISTING WALK. THE CONTRACTOR SHALL SAWCUT THE EXISTING WALK, LEAVING A SMOOTH CLEAN JOINT BETWEEN THE EXISTING AND THE PROPOSED WALK. ALL WORK, LABOR, EQUIPMENT, MATERIALS, AND INCIDENTALS, NECESSARY TO COMPLETE THIS ITEM OF WORK SHALL BE INCLUDED IN THE UNIT PRICE BID PER SQUARE FEET, FOR ITEM 202 - WALK REMOVED, AS PER PLAN.

REVIEW OF DRAINAGE FACILITIES

PRIOR TO THE START OF WORK AND AGAIN BEFORE FINAL ACCEPTANCE, PERFORM AN INSPECTION WITH REPRESENTATIVES OF THE DEPARTMENT, CONTRACTOR AND LOCALS OF ALL EXISTING DRAINAGE FACILITIES THAT ARE TO REMAIN IN SERVICE WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCES IS DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTION ARE MAINTAINED BY THE DEPARTMENT.

CONFIRM ALL EXISTING SEWERS INSPECTED INITIALLY BY THE ABOVE-MENTIONED PARTIES ARE MAINTAINED AND LEFT IN A CONDITION COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. THE CONTRACTOR IS RESPONSIBLE TO CORRECT ANY CHANGE IN THE CONDITION RESULTING FROM THEIR OPERATIONS AS DIRECTED AND APPROVED BY THE ENGINEER.

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

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 8:00 PM AND 7:00 AM., 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.

ITEM 611 - CONDUIT MISC.: PIPE SEALING SYSTEM

THE INTENT FOR THIS ITEM IS TO SEAL AROUND THE PROPOSED CONDUIT AND THE OPENING CREATED IN THE SEAWALL TO RECEIVE THE PROPOSED CONDUIT. THE CONTRACTOR SHALL USE CARE IN CREATING THIS OPENING TO ASSURE THE OPENING BETWEEN THE SEAWALL AND PROPOSED CONDUIT DOES NOT EXCEED THE EXPANSION LIMITS OF THE PIPE SEALING SYSTEM. THE PROPOSED SYSTEM SHALL BE A "LINK-SEAL MODULAR PIPE SEALING SYSTEM, OR AN APPROVED EQUAL". THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING THE SYSTEM IN ACCORDANCE TO THE MANUFACTURERS SPECIFICATIONS. ALL WORK, LABOR, MATERIALS, EQUIPMENT, AND INCIDENTALS NECESSARY TO COMPLETE THIS ITEM OF WORK SHALL BE INCLUDED IN THE UNIT BID PRICE PER EACH FOR ITEM 611 - CONDUIT MISC.: PIPE SEALING SYSTEM

ITEM 611 - CONDUIT, 48" TYPE A, AS PER PLAN

THE INTENT OF THIS ITEM IS TO REPLACE AN EXISTING 48" CORRUGATED METAL PIPE WITH A 48" HIGH DENSITY POLYETHYLENE (HDPE) CONDUIT, PER THE 2023 CMS, 707.34. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION IN ACCORDANCE TO THE MANUFACTURERS SPECIFICATIONS, AND THE SATISFACTION OF THE PROJECT ENGINEER. THE PROPOSED HDPE SHALL HAVE A SMOOTH OUTER SURFACE TO ENSURE A TIGHT SEAL WITH THE PROPOSED PIPE SEALING SYSTEM. IF NECESSARY TO JOIN TWO SECTIONS OF PIPE TOGETHER, THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOING SO, IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS. ALL LABOR, WORK, EQUIPMENT, MATERIALS, AND INCIDENTALS NECESSARY TO COMPLETE THIS ITEM OF WORK SHALL BE INCLUDED IN THE UNIT BID PRICE PER FOOT FOR ITEM 611 - CONDUIT, TYPE A, AS PER PLAN.

PROTECTION OF DRINKING WATER RESOURCES

BEST CONSTRUCTION PRACTICES ARE TO BE IMPLEMENTED TO MINIMIZE WATER QUALITY IMPACTS. IDLE EQUIPMENT, PETROCHEMICALS, AND TOXIC/HAZARDOUS MATERIALS SHALL NOT BE STORED NEAR DRAINAGE WAYS, DITCHES OR STREAMS. REFUELING SHALL NOT BE UNDERTAKEN NEAR DRAINAGE WAYS, DITCHES OR STREAMS. A SPILL CONTAINMENT KIT IS TO BE MAINTAINED ON-SITE THROUGHOUT CONSTRUCTION ACTIVITIES. SPILLS OF FUELS, OILS, CHEMICALS, OR OTHER MATERIALS WHICH COULD POSE A THREAT TO GROUNDWATER SHALL BE CLEANED UP IMMEDIATELY. IF THE SPILL IS A REPORTABLE AMOUNT, THE LOCAL FIRE DEPARTMENT (911), LOCAL EMERGENCY COORDINATOR (419-733-3857), AND THE OEPA (1-800-282-9378) MUST BE CONTACTED WITHIN 30 MINUTES OF KNOWLEDGE OF THE RELEASE.

ITEM 304 – AGGREGATE BASE, AS PER PLAN (5.25’')

THIS PAY ITEM IS FOR MAINTENANCE OF TRAFFIC PURPOSES TO PROVIDE A TEMPORARY DRIVING SURFACE PRIOR TO THE PLACEMENT OF FINAL ASPHALT. THE CONTRACTOR SHALL FILL THE CONSTRUCTION TRENCH CREATED BY THE PIPE INSTALLATION WITH TEMPORARY AGGREGATE MATERIAL (5.25’' THICKNESS) ABOVE THE PERMANENT 6’' AGGREGATE BASE (SEE TYPICAL SECTION). FULL ACCESS MUST BE PROVIDED TO THE PARK BY 4/1/2026 (SEE INTERIM COMPLETION DATE NOTE). THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN THE AGGREGATE MATERIAL AND ENSURE IT IS DRIVEABLE, INCLUDING BUT NOT LIMITED TO ADDRESSING THE FORMATION OF ANY POTHOLE, PRIOR TO THE PLACEMENT OF THE FINAL ASPHALT COURSE. THIS ITEM ALSO INCLUDES THE REMOVAL AND DISPOSAL OF THE AGGREGATE MATERIAL. ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS ASSOCIATED WITH THIS WORK WILL BE PAID FOR UNDER THIS PAY ITEM.

THE FOLLOWING QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR THIS WORK:

ITEM 304 – AGGREGATE BASE, AS PER PLAN 5 CY

INTERIM COMPLETION DATE

ALL WORK, EXCEPT FOR THE PLACEMENT OF FINAL ASPHALT, SHALL BE COMPLETED AND FULL PARK ACCESS PROVIDED BY 4/1/2026. IF THIS CONDITION IS NOT MET, LIQUIDATED DAMAGES SHALL BE ASSESSED PER CMS 108.07 (\$400 PER CALENDAR DAY BEYOND THE INTERIM COMPLETION DATE).



GENERAL SUMMARY	
DESIGN AGENCY	
 DISTRICT 7 ENGINEERING	
DESIGNER REB	
REVIEWER BJA 07-18-25	
PROJECT ID 119932	
SHEET P.07	TOTAL 12

AUG-GLSM-CR

MODEL: Sheet_SurfVI PAPER/SIZE: 34x22 (in.) DATE: 10/31/2025 TIME: 14:52:32 PM PLTDRY: OHDOT_PDF.plt USER: Benjamin.Ankrom@dol.ohio.gov WORKSPACE: OHDOTCEv02 WORKSET: 119932 PRODUCT: OpenRoadsDesigner 24.00.00.205
 pw:\ohdotd-pw-bentley.com:ohdotd-pw-02\Documents\01 Active Projects\District 07\Audlaize\119932\400-Engineering\Roadway\Sheets\119932 GS001.dgn

REF NO.	SHEET NO.	LOCATION	202	202					204	301	304	407	441					601	601		608			
			WALK REMOVED	PAVEMENT REMOVED						SUBGRADE COMPACTION	ASPHALT CONCRETE BASE, PG64-22, (449)	AGGREGATE BASE, 6"	NON-TRACKING TACK COAT (.055GAL/SY)	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22					CRUSHED AGGREGATE SLOPE PROTECTION	CRUSHED AGGREGATE SLOPE PROTECTION, AS PER PLAN		6" CONCRETE WALK		
			SF	SY						SY	CY	CY	GAL	CY					SY	SY		SF		
	9	EAST BANK - GLSM	48	42					29	4	5	21	1					9	3		60			

ESTIMATED QUANTITIES

DESIGN AGENCY



DESIGNER

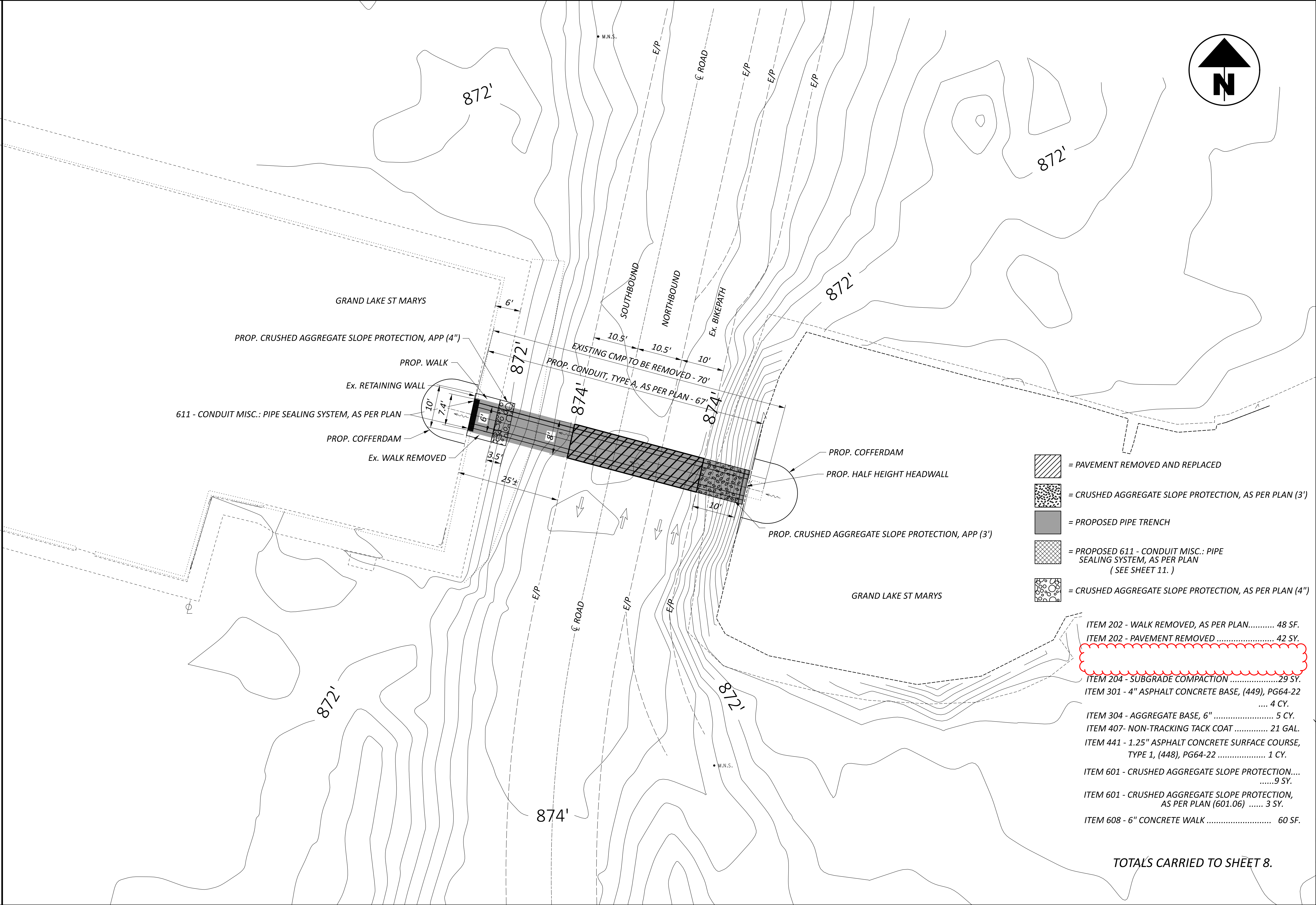
REB

REVIEWER

BJA 07-31-25

PROJECT ID
119932

SHEET	TOTAL
P.08	1



PLAN SHEET

CULVERT REPLACEMENT - GRAND LAKE ST. MARYS

DESIGN AGENCY



DISTRICT 7
ENGINEERING

DESIGNER

REB

REVIEWER

BJA 07/18/25

PROJECT ID

119932

SHEET

P.09

TOTAL

12

ITEM 202 - WALK REMOVED, AS PER PLAN..... 48 SF.

ITEM 202 - PAVEMENT REMOVED 42 SY.

ITEM 204 - SUBGRADE COMPACTION29 SY.

ITEM 301 - 4" ASPHALT CONCRETE BASE, (449), PG64-22
.... 4 CY.

ITEM 304 - AGGREGATE BASE, 6" 5 CY.

ITEM 407- NON-TRACKING TACK COAT 21 GAL.

ITEM 441 - 1.25" ASPHALT CONCRETE SURFACE COURSE,
TYPE 1, (448), PG64-22 1 CY.

ITEM 601 - CRUSHED AGGREGATE SLOPE PROTECTION....
.....9 SY.

ITEM 601 - CRUSHED AGGREGATE SLOPE PROTECTION,
AS PER PLAN (601.06) 3 SY.

ITEM 608 - 6" CONCRETE WALK 60 SF.

TOTALS CARRIED TO SHEET 8.

HORIZONTAL
SCALE IN FEET

0

5

10

20