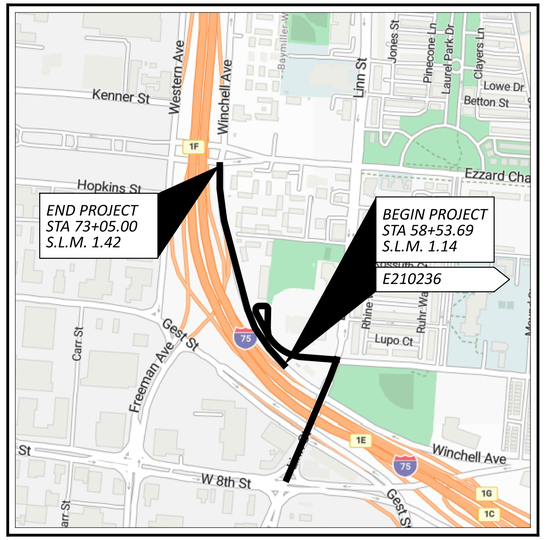

LOCATION MAP

LATITUDE: N 39°06'34" LONGITUDE: W 84°31'54"

PORTION TO BE IMPROVED ---------- ▬▬

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION
HAM-IR 75-1.05
CITY OF CINCINNATI
HAMILTON COUNTY

INDEX OF SHEETS:

ADDENDUM

4 9/19/25

DESIGN DESIGNATION
SEE SHEET P.2

ADA DESIGN WAIVERS
NONE REQUIRED

DESIGN EXCEPTIONS
NONE REQUIRED

FEDERAL PROJECT NUMBER
NONE

RAILROAD INVOLVEMENT
NONE

PROJECT DESCRIPTION
RECONSTRUCT AND WIDEN THE LINN ST BRIDGE OVER IR 75. RECONSTRUCT WINCHELL AVE AND RAMP V FROM NORTH OF LINN ST BRIDGE TO SOUTH OF EZZARD CHARLES ALONG WITH THE CUL-DE-SAC WEST COURT ST.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA:	*6.66 ACRES*
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	*1.00 ACRES*
NOTICE OF INTENT EARTH DISTURBED AREA:	*N/A (NOI NOT REQUIRED)*

** ALL DRAINAGE FLOWS TO EXISTING COMBINED SEWERS.*

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 REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT DETOURS WILL BE PROVIDED AS INDICATED ON SHEET P.52 - P.58.

DISTRICT DEPUTY DIRECTOR

Douglas A. Gruver, P.E.

DIRECTOR, DEPARTMENT OF TRANSPORTATION

Pamela Boratyn

FINAL TRACINGS
MAY 8, 2025

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:

B&N burgessniple.com

AMERICAN STRUCTUREPOINT INC.

Palmer ENGINEERING
8350 E. KEMPER ROAD
SUITE B
CINCINNATI, OH 45249
(513) 469-1600

STANDARD CONSTRUCTION DRAWINGS

ODOT

BP-3.1	*1/19/24*	*MGS-5.3*	*7/15/16*	*VPF-1-24*	*1/17/25*	*MT-98.30*	*7/16/21*	*TC-61.30*	*7/19/24*				
BP-3.2	*1/18/19*	*MGS-6.1*	*1/19/18*			*MT-99.20*	*4/19/19*	*TC-65.10*	*1/17/14*				
BP-4.1	*7/19/13*			*HL-10.11*	*7/21/23*	*MT-99.30*	*1/17/20*	*TC-65.11*	*1/17/25*				
BP-5.1	*1/17/25*	*MH-3*	*7/19/24*	*HL-10.12*	*7/21/23*	*MT-99.60*	*7/19/24*	*TC-71.10*	*4/21/23*				
BP-6.1	*7/19/13*			*HL-10.13*	*1/20/23*	*MT-101.60*	*1/17/25*	*TC-72.20*	*1/17/25*				
BP-7.1	*1/17/25*	*RM-2.1*	*7/19/13*	*HL-30.31*	*1/17/25*	*MT-101.70*	*7/19/24*	*TC-73.20*	*1/17/25*				
		RM-3.1	*7/20/18*	*HL-50.21*	*7/15/22*	*MT-101.75*	*7/21/23*	*TC-74.10*	*7/21/23*				
CB-2-2A, 2B, 2C	*7/19/24*	*RM-4.2*	*4/17/20*	*HL-60.11*	*7/21/17*	*MT-101.80*	*1/17/20*	*TC-83.20*	*7/19/24*				
CB-6	*7/19/24*	*RM-4.3*	*1/17/25*	*HL-60.12*	*7/21/23*	*MT-101.90*	*7/17/20*	*TC-85.10*	*1/19/24*				
		RM-4.4	*7/19/24*			*MT-102.10*	*7/21/23*						
DM-1.1	*1/17/25*	*RM-4.5*	*1/17/25*	*MT-95.30*	*7/19/19*	*MT-102.30*	*10/16/15*						
DM-1.3	*7/18/14*	*RM-4.6*	*7/19/13*	*MT-95.31*	*7/19/19*	*MT-103.10*	*1/21/22*						
DM-4.3	*1/15/16*	*RM-5.2*	*7/19/24*	*MT-95.32*	*4/19/19*	*MT-104.10*	*1/19/24*						
DM-4.4	*1/15/16*			*MT-95.45*	*7/21/23*	*MT-105.10*	*1/17/20*						
		AS-1-15	*1/20/23*	*MT-95.50*	*7/21/17*	*MT-110.10*	*7/19/13*						
I-3C, 3C1	*1/17/25*	*AS-2-15*	*7/21/23*	*MT-98.10*	*1/17/20*								
		EXJ-4-87	*1/19/24*	*MT-98.11*	*1/17/20*	*TC-41.20*	*10/18/13*						
MGS-1.1	*1/17/25*	*GSD-1-19*	*7/19/24*	*MT-98.20*	*4/19/19*	*TC-41.30*	*4/21/23*						
MGS-2.1	*1/17/25*	*NBS-1-09*	*1/17/25*	*MT-98.22*	*1/17/20*	*TC-42.20*	*10/18/13*						
MGS-3.1	*1/19/18*	*PSBD-2-07*	*7/20/18*	*MT-98.28*	*1/17/20*	*TC-52.10*	*10/18/13*						
MGS-4.5	*1/18/13*	*TVPF-1-18*	*1/17/25*	*MT-98.29*	*1/17/20*	*TC-52.20*	*1/15/21*						

CITY OF CINCINNATI

C101	*8/23/24*	*ES-2-2*	*8/28/07*		
C102	*8/23/24*	*ES-7-1*	*7/23/04*		
C103	*8/23/24*	*ES-7-2*	*9/15/04*		
C112	*8/23/24*	*ES-7-3*	*9/15/04*		
C116	*8/23/24*	*ES-7-4*	*9/15/04*		
C117	*8/23/24*	*ES-10-3*	*3/01/05*		
C119	*8/23/24*				
C120	*8/23/24*	*26999*	*01/2003*		
C121	*8/23/24*	*49007*	*3/13/89*		
C122	*8/23/24*	*49010*	*4/13/21*		
C123	*8/23/24*	*49011*	*4/13/21*		
C125	*8/23/24*	*49013*	*4/13/21*		
C126	*8/23/24*	*49016*	*4/13/21*		
		49038	*4/13/21*		
ES-1-0	*8/29/07*	*49041*	*4/13/21*		
ES-1-1	*7/19/04*	*120362*	*1/08/14*		
ES-2-1	*8/29/07*				

METROPOLITAN SEWER DISTRICT (MSDGC)

49005	*08/2011*	*49056*	*12/2010*
49048	*12/2010*	*61307*	*10/2023*

SUPPLEMENTAL SPECIFICATIONS

800-2023	*7/18/25*	*873*	*4/16/21*
807	*1/17/25*	*878*	*1/21/22*
808	*7/19/24*	*894*	*4/16/21*
809	*7/18/25*	*896*	*7/21/17*
813	*7/21/23*	*905*	*1/17/25*
821	*4/20/12*	*908*	*1/17/25*
825	*7/19/24*	*913*	*4/16/21*
829	*1/20/17*	*921*	*7/19/24*
832	*7/18/25*	*929*	*7/21/23*
839	*7/18/25*	*939*	*1/17/20*
840	*1/17/25*	*996*	*7/21/23*
851	*1/17/25*		

SPECIAL PROVISIONS

ENGINEER'S SEAL:	ENGINEER'S SEAL:	ENGINEER'S SEAL:
AMERICAN STRUCTUREPOINT, INC	*PALMER ENGINEERING*	*PALMER ENGINEERING*
FOR ALL ROADWAY SHEETS	*FOR MAINTENANCE OF TRAFFIC SHEETS*	*FOR WALL 02, WALL 04 SHEETS & STRUCTURES OVER 20' (HAM-75-0123E)*
STATE OF OHIO · LUKE Z. STUTLER · E-86344 · PROFESSIONAL ENGINEER · REGISTERED	STATE OF OHIO · DANIEL PAUL FICKER · E-63916 · PROFESSIONAL ENGINEER · REGISTERED	STATE OF OHIO · BRONSON J FUNKE · E-61820 · PROFESSIONAL ENGINEER · REGISTERED
ENGINEER'S SEAL:	**ENGINEER'S SEAL:**	**ENGINEER'S SEAL:**
BURGESS & NIPLE	*AMERICAN STRUCTUREPOINT, INC*	*BURGESS & NIPLE*
FOR NOISE WALL 05 & 06 SHEETS	*FOR LIGHTING PLANS*	*FOR STRUCTURES OVER 20' (HAM-75-0104)*
STATE OF OHIO · STEVEN CHARLES SMITH · E-54439 · PROFESSIONAL ENGINEER · REGISTERED	STATE OF OHIO · ELIZABETH M. SCHNEIDER · E-77942 · PROFESSIONAL ENGINEER · REGISTERED	STATE OF OHIO · BRADLEY EVAN STIFFLER · E-67083 · PROFESSIONAL ENGINEER · REGISTERED

DESIGN AGENCY: AMERICAN STRUCTUREPOINT INC.
DESIGNER: LZS
REVIEWER: KAM 03/03/25
PROJECT ID: 122048
SHEET: P.1 TOTAL: P.421

TITLE SHEET

HAM-IR 75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 9/22/2025 TIME: 1:01:41 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen_Addendum.tbl USER: WORKSPACE: OHDOTCEv02 WORKSET: 122048 PRODUCT: OpenRoadsDesigner 10.12.02.4
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\122048\403-Engineering_StructurePoint\Roadway\Sheets\122048_GT301.dgn

ITEM 614, MAINTAINING TRAFFIC (I-75)

ALL EXISTING LANES OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES EXCEPT LANE CLOSURES ARE PERMITTED IN ACCORDANCE WITH THE UNAUTHORIZED LANE USE TABLE, BY USE OF THE EXISTING PAVEMENT, THE COMPLETED PAVEMENT OR ITEM 615 PAVEMENT FOR MAINTAINING TRAFFIC.

WORK AND PHASING SHALL ADHERE TO THE DURATIONS AND COMPLETION DATES SHOWN ON THE INCENTIVE/DISINCENTIVE CONTRACT TABLE ON SHEET P.19.

I-75 PRE-PHASE 1

CONSTRUCT PAVEMENT FOR M.O.T. AND RESURFACING ON OUTSIDE SHOULDERS FOR USE IN PHASE 1. LANE CLOSURES SHALL ADHERE TO THE PERMITTED LANE CLOSURE TIMES NOTE ON THIS SHEET. SHORT-TERM LANE CLOSURES SHALL BE AS DETAILED ON S.C.D MT-95.30. SHOULDER CLOSURES SHALL BE AS PER SCD MT-95.45. MAINTAIN ENTRANCE RAMPS AND EXIT RAMPS AS PER S.C.D. MT-98.10 AND S.C.D. MT-98.20, RESPECTIVELY.

PHASE 1

CLOSE LINN STREET TO ALL TRAFFIC AND SET UP PEDESTRIAN TRAFFIC DETOUR AS PER SHEET P.53 AND VEHICULAR TRAFFIC DETOUR AS PER SHEET P.52. CLOSE THE ON-RAMP FROM WESTERN AVE TO SB I-75 FOR THE DURATION OF THIS PROJECT, FOR DETOUR SEE SHEET P.56. CLOSE OFF-RAMP FROM NB I-75 TO WINCHELL AVE, NO DETOUR SIGNAGE IS PROVIDED. CLOSE THE ON-RAMP FROM 9TH STREET TO WINCHELL AVE TO NB I-75, FOR DETOUR SEE SHEET P.55. CLOSE THE PEDESTRIAN BRIDGE AND DETOUR AS PER SHEET P.54 GEST STREET WILL BE CLOSED IN BOTH DIRECTIONS FOR DETOUR SEE SHEET P.57 & P.58 . REDUCE THE ON-RAMP TO I-75 NB FROM 6TH STREET TO ONE LANE AND SHIFT NORTHBOUND AND SOUTHBOUND I-75 TRAFFIC AS SHOWN ON SHEETS P.27 TO P.32. P.30 FOR BRIDGE PIER REMOVAL AND CONSTRUCTION. DEMOLISH EXISTING BRIDGE HAM-75-0150 STARTING WITH THE SUPERSTRUCTURE, FORWARD ABUTMENT, PIERS 4, 5 AND 6. BEGIN CONSTRUCTION ON THE PROPOSED FORWARD ABUTMENT, PROPOSED PIER #2, AND THE PILE AND LAGGING PORTION OF PROPOSED WALL #2. CONTINUE DEMOLITION OF THE EXISTING STRUCTURE, REMAINING PIERS, REAR ABUTMENT AND GEST STREET RAMP STRUCTURES AND WALLS. REMOVE PEDESTRIAN BRIDGE (HAM-75-0125E OVER RAMP V/WINCHELL AVE.). COURT STREET PHASE 1A RUNS CONCURRENT WITH I-75 PHASE 1 AS NECESSARY. COORDINATE PHASE 1 MOT SETUP (SHEETS P.46 - P.47) WITH THE EAST BRANCH OHIO RIVER INTERCEPTOR (EBORI) EXTENSION MSD PROJECT. (LAUNCH PIT AT WESTERN AVE/GEST STREET/SB I-75 ON RAMP).

PHASE 2

THE FOLLOWING CLOSURES CONTINUE; LINN STREET, GEST STREET, THE ON-RAMP FROM WESTERN AVE TO SB I-75, AND THE OFF-RAMP FROM NB I-75 TO WINCHELL AVE. THE FOLLOWING WILL BE HANDLED UNDER PID 116649: ALL MAINTENANCE OF TRAFFIC CHANGES ON NORTHBOUND I-75, MAINTENANCE OF TRAFFIC AND OPENING OF THE 2-LANE ON-RAMP FROM 9TH ST TO NORTHBOUND I-75, DETOURS AND CLOSURES OF THE ON-RAMP TO NORTHBOUND I-75 FROM 6TH ST AND THE OFF-RAMP TO SOUTHBOUND I-75 TO 7TH ST. THE FOLLOWING WILL HAVE BEEN COMPLETED BEFORE IMPLEMENTATION OF I-75 PHASE 2: DEMOLITION OF THE ENTIRE EXISTING BRIDGE HAM-75-0150, PROPOSED FORWARD ABUTMENT AND PROPOSED PIER #2 AND AND THE PILE AND LAGGING PORTION OF WALL #2. SOUTHBOUND I-75 MAINTENANCE OF TRAFFIC SHALL BE SAME AS PHASE 1. CONTINUE CONSTRUCTION ON THE PROPOSED REAR ABUTMENT AND PROPOSED PIER #1. CONSTRUCT THE LINN STREET BRIDGE SUPERSTRUCTURE UTILIZING TEMPORARY SUPPORT ON THE NB SIDE OF I-75 AND DECK. ONCE COURT STREET PHASE 1A IS COMPLETED, CONSTRUCT THE REMAINDER OF WALL #2, AND CONSTRUCT THE PROPOSED PEDESTRIAN BRIDGE REPLACEMENT (HAM-75-0125E OVER RAMP V/WINCHELL AVE.) CONSTRUCT PORTIONS OF WALL#4 AND WALL#6 FOR FUTURE PROJECTS. COMPLETE THE REMAINDER OF COURT STREET AS PER COURT STREET PHASES 1B AND 1C.

PHASE 3

COMPLETE AND OPEN LINN STREET BRIDGE AND APPROACH ROADWAYS BETWEEN WEST 8TH STREET AND COURT STREET TO ALL TRAFFIC. CLOSE ACCESS TO RAMP V/WINCHELL AVE FROM FREEMAN AVE NB AND COMPLETE PAVEMENT CONSTRUCTION TO THE INTERSECTION WITH EZZARD CHARLES. CONSTRUCT NOISE WALLS #5/#6 AND REMAINING PEDESTRIAN BRIDGE AND RETAINING WALL WORK. FOR RAMP V/WINCHELL AVE DETOUR SEE SHEET P.55. RESTORE TRAFFIC ON SOUTHBOUND I-75 TO PRE-CONSTRUCTION CONFIGURATION. REMOVE PORTABLE BARRIER AND WZIA. CLOSE OPENING IN EXISTING MEDIAN BARRIER DUE TO PIER REMOVAL AND CONSTRUCTION BY PLACING PORTABLE BARRIER, AS PER PLAN (TO REMAIN AND BECOME PROPERTY OF ODOT). CONNECT TO EXISTING MEDIAN BARRIER USING SCD. MT-101.80. PROVIDE ITEM 615 PAVEMENT FOR MAINTAINING TRAFFIC AS NEEDED TO REPAIR OR REPLACE OUTSIDE OR MEDIAN SHOULDER AREAS ADJACENT I-75 SB TRAFFIC DAMAGED BY STRUCTURE REMOVAL OPERATIONS.

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.

ITEM 614, MAINTAINING TRAFFIC (COURT STREET)

A MINIMUM OF 1 LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES BY USE OF THE EXISTING PAVEMENT OR THE COMPLETED PAVEMENT, EXCEPT AS INDICATED BELOW.

COURT ST PHASE 1A

MAINTAIN A SINGLE-LANE OF TWO-WAY TRAFFIC ON THE LEFT SIDE (I-75 SIDE) OF COURT STREET AND CONSTRUCT THE RIGHT SIDE OF COURT STREET FROM STATION 8+55± TO STATION 11+71± AND A PORTION OF THE PROPOSED CUL-DE-SAC. CONSTRUCT PROPOSED DRAINAGE FROM STATION 7+00.00 TO STATION 11+ 71.00, PLATE OR BACKFILL TRENCHES. MAINTAIN ACCESS TO THE APARTMENT BUILDING AT THE END OF COURT STREET AT ALL TIMES. ACCESS TO BERRY INTERMEDIATE SCHOOL SHALL BE PROVIDED OFF OF LINN ST. ACCESS TO MEDICAL OFFICE BUILDING SHALL BE PROVIDED AT ALL TIMES.

COURT ST PHASE 1B

DURING I-75 MAINLINE PHASE 2, MAINTAIN TWO-WAY TRAFFIC ON THE RIGHT SIDE OF COURT STREET CONSTRUCTED IN PHASE 1A, AND BUILD WALL #2 AND PEDESTRIAN BRIDGE FORWARD ABUTMENT AND RAMP SYSTEM, CONSTRUCT THE LEFT-HALF OF COURT STREET FROM STATION 8+55± TO STATION 11+71± AND THE REMAINDER OF THE PROPOSED CUL-DE-SAC. OPEN ALL ACCESS TO BERRY INTERMEDIATE SCHOOL TO COURT STREET.

COURT ST PHASE 1C

MAINTAIN TWO-WAY TRAFFIC WITH FLAGGERS AND ON THE FULL ROADWAY CONSTRUCTED IN PHASE 1A/1B. BUILD COURT STREET PAVEMENT, CURBS AND SIDEWALKS PART-WIDTH FROM STATION 5+50.00 TO STATION 8+63±. FLAGGING IS ONLY PERMITTED WHILE THE CONTRACTOR IS WORKING. DURING NON-WORKING HOURS, BOTH LANES (ONE IN EACH DIRECTION) SHALL BE OPEN. ACCESS TO THE MEDICAL OFFICE BUILDING SHALL BE PROVIDED AT ALL TIMES FROM LINN ST UNTIL THE PROPOSED DRIVES ON THE RIGHT SIDE OF COURT STREET ARE CONSTRUCTED AND RE-OPENED.

ITEM 614, MAINTAINING TRAFFIC (TIME LIMITATION ON LINN STREET DETOUR)

A MINIMUM OF ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES, EXCEPT FOR A PERIOD NOT TO EXCEED 570 CONSECUTIVE CALENDAR DAYS, WHEN THROUGH TRAFFIC MAY BE DETOURED AS SHOWN ON SHEET P.52.

4

WINDOW CONTRACT TABLE

DESCRIPTION OR LOCATION OF CRITICAL WORK	CALENDER DAYS TO COMPLETE	TIME PERIOD	DISINCENTIVE $ PER TIME PERIOD	WORK WINDOW	
				START	END
LINN STREET DETOUR AS SHOWN ON SHEET P.52	570	DAY	$9,750	CONTRACT EXECUTION	PROJECT COMPLETION

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

NEW YEAR'S (OBSERVED)
THANKSGIVING
MEMORIAL DAY
LABOR DAY
GENERAL/REGULAR ELECTION DAY (NOV)
CHRISTMAS (OBSERVED)
FOURTH OF JULY (OBSERVED)

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

DAY OF HOLIDAY OR SPECIAL EVENT	TIMES ALL LANES MUST BE OPEN TO TRAFFIC
SUNDAY	12:00 NOON FRIDAY THROUGH 6:00 AM MONDAY
MONDAY	12:00 NOON FRIDAY THROUGH 6:00 AM TUESDAY
TUESDAY (GEN./REG.ELECTION)	5:00 AM TUESDAY THROUGH 12:00 AM WEDNESDAY
TUESDAY	12:00 NOON TUESDAY THROUGH 6:00 AM WEDNESDAY
WEDNESDAY	12:00 NOON WEDNESDAY THROUGH 6:00 AM THURSDAY
THANKSGIVING	6:00 AM WEDNESDAY THROUGH 6:00 AM MONDAY
THURSDAY	12:00 NOON THURSDAY THROUGH 6:00 AM FRIDAY
FRIDAY	12:00 NOON THURSDAY THROUGH 6:00 AM MONDAY
SATURDAY	12:00 NOON FRIDAY THROUGH 6:00 AM MONDAY

DURING THE SAME PERIODS, MAINTAIN PEDESTRAIN ACCESS IF PEDESTRIAN ACCESS WAS PRESENT PRIOR TO CONSTRUCTION.

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

NOTICE OF CLOSURE SIGNS (W20-H13) SHALL BE ERECTED BY THE CONTRACTOR PRIOR TO THE SCHEDULED ROAD OR RAMP CLOSURE IN ACCORDANCE WITH THE NOTICE OF CLOSURE TIME TABLE BELOW.

THE SIGNS SHALL BE ERECTED ON THE RIGHT-HAND SIDE OF THE ROAD/RAMP FACING TRAFFIC. THEY SHALL BE PLACED SO AS NOT TO INTERFERE WITH THE VISIBILITY OF ANY OTHER TRAFFIC CONTROL SIGNS. ON ROADWAYS, THEY SHOULD BE ERECTED AT OR NEAR THE POINT OF CLOSURE. THE SIGNS MAY BE ERECTED ANYWHERE ON RAMPS AS LONG AS THEY ARE VISIBLE TO THE MOTORISTS USING THE RAMP. ON ENTRANCE RAMPS, THE SIGN SHALL BE ERECTED WELL IN ADVANCE OF THE MERGE AREA TO AVOID DISTRACTING MOTORISTS.

NOTICE OF CLOSURE SIGN TIME TABLE

ITEM	DURATION OF CLOSURE	NOTIFICATION DUE TO DISTRICT 8 PIO	SIGN DISPLAYED TO PUBLIC
RAMP & ROAD CLOSURES	>=2 WEEKS	21 CALENDAR DAYS PRIOR TO CLOSURE	14 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HOURS &< 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE	7 CALENDAR DAYS PRIOR TO CLOSURE
	<=12 HOURS	4 CALENDAR DAYS PRIOR TO CLOSURE	2 CALENDAR DAYS PRIOR TO CLOSURE

THE SIGN SHALL DISPLAY THE DATE OF THE CLOSURE IN MMM-DD FORMAT AND THE NUMBER OF DAYS OF THE CLOSURE. THE LAST LINE OF THE W20-H13 SIGN LISTS A PHONE NUMBER WHICH A MOTORIST MAY CALL FOR ADDITIONAL INFORMATION. THIS IS TO BE A SPECIFIC OFFICE WITHIN THE DISTRICT RATHER THAN THE GENERAL SWITCHBOARD NUMBER.

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.

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 8 M. GAL..

WORK ZONE PAVEMENT MARKINGS - WINTER RESTRIPING

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR USE FOR REPLACING OR TOUCH-UP OF WORK ZONE PAVEMENT MARKINGS OVER WINTER PERIODS:

ITEM 614, WORK ZONE EDGE LINE, CLASS I, 6", 648 - 1.40 MILE
ITEM 614, WORK ZONE CHANNELIZING LINE, CLASS I, 12", 648 - 9,300 FT.
ITEM 614, WORK ZONE DOTTED LINE, CLASS I, 6", 648 - 690 FT

DESIGN AGENCY
Palmer ENGINEERING
8350 E. KEMPER ROAD
SUITE B
CINCINNATI, OH 45249
(513) 469-1600

DESIGNER DPF
REVIEWER DCJ 12/20/24
PROJECT ID 122048
SHEET P.15 TOTAL P. 421

ITEM 614, LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE DURING CONSTRUCTION OPERATIONS

USE OF LAW ENFORCEMENT OFFICERS (LEOS) BY CONTRACTORS OTHER THAN THE USES SPECIFIED BELOW SHALL NOT BE PERMITTED AT PROJECT COST NOR TIME COMPENSATION. LEOS SHOULD NOT BE USED WHERE THE OMUTCD INTENDS THAT FLAGGERS BE USED.

IN ADDITION TO THE REQUIREMENTS OF C&MS 614 AND THE OMUTCD, A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR (CAR WITH TOP-MOUNTED EMERGENCY FLASHING LIGHTS AND COMPLETE MARKINGS OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHALL BE PROVIDED FOR THE FOLLOWING TRAFFIC CONTROL TASKS:

- DURING THE ENTIRE ADVANCE PREPARATION AND CLOSURE SEQUENCE WHERE COMPLETE BLOCKAGE OF TRAFFIC IS REQUIRED.
- DURING A TRAFFIC SIGNAL INSTALLATION WHEN IMPACTING THE NORMAL FUNCTION OF THE SIGNAL OR THE FLOW OF TRAFFIC, OR WHEN TRAFFIC NEEDS TO BE DIRECTED THROUGH AN ENERGIZED TRAFFIC SIGNAL CONTRARY TO THE SIGNAL DISPLAY (E.G., DIRECTING MOTORISTS THROUGH A RED LIGHT).
- DURING PERIODS WHERE TRAFFIC NEEDS TO BE DIRECTED CONTRARY TO A TRAFFIC CONTROL DEVICE (FLAGGER, SIGN [E.G. STOP SIGN, STREET OR HIGHWAY SIGNS, ETC], SIGNAL OR OTHER DEVICE USED TO REGULATE, WARN OR GUIDE TRAFFIC). TRAFFIC IN THIS INSTANCE INCLUDES VEHICULAR, PEDESTRIAN AND/OR SHARED USE PATH USERS.

IN ADDITION TO THE REQUIREMENT OF C&MS 614 AND THE OMUTCD, A UNIFORMED LEO WITH AN OFFICIAL PATROL CAR (CAR WITH TOP-MOUNTED EMERGENCY FLASHING LIGHTS AND COMPLETE MARKINGS OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHOULD BE PROVIDED FOR THE FOLLOWING TRAFFIC CONTROL TASKS AS APPROVED BY THE ENGINEER:

- FOR LANE CLOSURES THAT MEET ALL OF THE CRITERIA LISTED BELOW: DURING INITIAL SET-UP PERIODS, TEAR DOWN PERIODS, SUBSTANTIAL SHIFTS OF A CLOSURE POINT OR WHEN NEW LANE CLOSURE ARRANGEMENTS ARE INITIATED FOR LONG-TERM LANE CLOSURES/SHIFTS (FOR THE FIRST AND LAST DAY OF MAJOR CHANGES IN TRAFFIC CONTROL SETUP).

o CRITERIA
ON A MULTI-LANE DIVIDED INTERSTATE, OTHER FREEWAY OR EXPRESSWAY; AND,
AN AUTHORIZED SPEED LIMIT OF 45 MPH OR GREATER THAT IS IN EFFECT AT THE TIME OF THE OPERATION; AND,
AADT OF 50,000 (OR AADT OF 30,000 WITH 25% OR HIGHER PERCENT TRUCKS)

IN GENERAL, LEOS SHOULD BE POSITIONED IN ADVANCE OF AND ON THE SAME SIDE AS THE LANE RESTRICTION (OR AT THE POINT OF ROAD CLOSURE), AND TO MANUALLY CONTROL TRAFFIC MOVEMENTS THROUGH SIGNALIZED INTERSECTIONS AND/OR IN CONTRARY TO OTHER TRAFFIC CONTROL DEVICES IN WORK ZONES.

LEOS SHOULD NOT FORGO THEIR TRAFFIC CONTROL RESPONSIBILITIES TO APPREHEND MOTORISTS FOR ROUTINE TRAFFIC VIOLATIONS. HOWEVER, IF A MOTORIST'S ACTIONS ARE CONSIDERED TO BE RECKLESS, THEN PURSUIT OF THE MOTORIST IS APPROPRIATE.

THE LEOS WORK AT THE DIRECTION OF THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR SECURING THE SERVICES OF THE LEOS WITH THE APPROPRIATE AGENCIES AND COMMUNICATING THE INTENTIONS OF THE PLANS WITH RESPECT TO DUTIES OF THE LEOS. THE ENGINEER SHALL HAVE FINAL CONTROL OVER THE LEOS'S DUTIES AND PLACEMENT, AND WILL RESOLVE ANY ISSUES THAT MAY ARISE BETWEEN THE TWO PARTIES.

ENSURE PROVIDED LEOS HAVE BEEN TRAINED APPROPRIATE TO THE JOB DECISIONS THEY ARE REQUIRED TO MAKE WHILE ON THE PROJECT, IN ACCORDANCE WITH C&MS 614.03.THE LEO SHALL REPORT IN TO THE CONTRACTOR PRIOR TO THE START OF THE SHIFT, IN ORDER TO RECEIVE INSTRUCTIONS REGARDING SPECIFIC WORK ASSIGNMENTS DURING HIS/HER SHIFT. THE LEO IS EXPECTED TO STAY AT THE PROJECT SITE FOR THE ENTIRE DURATION OF HIS/HER SHIFT. THE LEO SHALL REPORT TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT. SHOULD IT BE NECESSARY TO LEAVE THE PROJECT SITE, THE LEO SHALL NOTIFY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE THE LEO WITH A TWO-WAY COMMUNICATION DEVICE THAT SHALL BE RETURNED TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT.

LEOS (WITH PATROL CAR) REQUIRED BY THE TRAFFIC MAINTENANCE TASKS ABOVE SHALL BE PAID FOR ON A UNIT PRICE (HOURLY) BASIS UNDER ITEM 614, LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE. THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY.

ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE 1,500 HOURS

THE HOURS PAID SHALL INCLUDE ANY MINIMUM SHOW-UP TIME REQUIRED BY THE LAW ENFORCEMENT AGENCY INVOLVED. ANY ADDITIONAL COSTS (ADMINISTRATIVE OR OTHERWISE) INCURRED BY THE CONTRACTOR TO OBTAIN THE SERVICES OF AN LEO ARE INCLUDED WITH THE BID UNIT PRICE FOR ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE.

PERMITTED LANE CLOSURE SCHEDULE (PLCS)

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 ENGINEER. 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 PERMITTED LANE CLOSURE TIMES AND UNAUTHORIZED LANE USE TABLE BELOW. NO LANE OR SHOULDER CLOSURE SHALL BE IN PLACE WHEN NO WORK IS BEING PERFORMED.

MAINTAINING TRANSIT OPERATIONS

TRANSIT FACILITIES ARE LOCATED WITHIN THE PROJECT LIMITS AND ARE AFFECTED BY THE PROPOSED WORK AND/OR THE MAINTENANCE OF TRAFFIC. TRANSIT OPERATIONS SHALL BE MAINTAINED AT ALL TIMES. INVITE THE BELOW LISTED TRANSIT AGENCY CONTACT(S) TO THE PRECONSTRUCTION MEETING AND PROVIDE THEM WITH THE PROJECT SCHEDULE INCLUDING UPDATES RELATIVE TO TRANSIT IMPACTS.

SORTA/METRO
- BRIAN MESSER: BMESSER@GO-METRO.COM
- KIM WYATT: KWYATT@GO-METRO.COM
- PAUL JOHNSON: PJOHNSON@GO-METRO.COM
- SCHEDULING@GO-METRO.COM
- BUSSTOPS@GO-METRO.COM

COORDINATION WITH THE TRANSIT AGENCY IS REQUIRED. PROVIDE NOTIFICATION AT LEAST 14 CALENDAR DAYS IN ADVANCE TO ALLOW THE TRANSIT AGENCY TO IMPLEMENT ANY CHANGES TO THE TRANSIT OPERATIONS AS DESCRIBED BELOW:
*BUS ROUTE 27 (LINN ST, BOTH DIRECTIONS)

ITEM 614, REPLACEMENT SIGN

FLATSHEET SIGNS FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH THE REQUIREMENTS OF THE PLANS, SPECIFICATIONS AND PROPOSAL WHICH BECOME DAMAGED BY TRAFFIC FOR REASONS BEYOND THE CONTROL OF THE CONTRACTOR SHALL BE REPLACED IN KIND WHEN ORDERED BY THE ENGINEER. REPLACEMENT SIGNS SHALL BE NEW. OTHER MATERIALS MAY BE IN USED, BUT GOOD, CONDITION SUBJECT TO APPROVAL BY THE ENGINEER.

PAYMENT FOR THE NEW SIGNS SHALL BE MADE AT THE CONTRACT PRICE PER EACH FOR ITEM 614, REPLACEMENT SIGN, AND SHALL INCLUDE THE COST OF REMOVING AND DISPOSING OF DAMAGED SIGNS, HARDWARE AND SUPPORTS, AND PROVIDING THE NECESSARY REPLACEMENT HARDWARE, SUPPORTS, ETC.

AN ESTIMATED QUANTITY OF 10 EACH HAS BEEN PROVIDED IN THE GENERAL SUMMARY.

ITEM 614, REPLACEMENT DRUM

DRUMS FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH THE REQUIREMENTS OF THE PLANS, SPECIFICATIONS AND PROPOSAL WHICH BECOME DAMAGED BY TRAFFIC FOR REASONS BEYOND THE CONTROL OF THE CONTRACTOR SHALL BE REPLACED IN KIND WHEN ORDERED BY THE ENGINEER. REPLACEMENT DRUMS SHALL BE NEW.

PAYMENT FOR THE NEW DRUMS SHALL BE MADE AT THE CONTRACT PRICE PER EACH FOR ITEM 614, REPLACEMENT DRUM, AND SHALL INCLUDE THE COST OF REMOVING AND DISPOSING OF THE DAMAGED DRUM, AND PROVIDING AND MAINTAINING THE REPLACEMENT DRUM IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS FOR THE ORIGINAL DRUM.

AN ESTIMATED QUANTITY OF 100 EACH HAS BEEN PROVIDED IN THE GENERAL SUMMARY.

NOTES MOVED FROM P.15

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PERMITTED LANE CLOSURE TIMES AND UNAUTHORIZED LANE USE TABLE

LOCATION	DIRECTION	EX. NO. OF THRU LANES		1 LANE CLOSED		2 LANES CLOSED		3 LANES CLOSED		15 MINUTE SHORT DURATION COMPLETE CLOSURES	COMPLETE CLOSURE	TIME UNIT	DISINCENTIVE PER LANE PER TIME UNIT
				WEEKDAY	WEEKEND	WEEKDAY	WEEKEND	WEEKDAY	WEEKEND				
IR-75	SB	4	RIGHT LANES CLOSED	11PM(FRI 12MID.) - 5AM	11PM(SAT 12MID.) - 6AM	11PM(FRI 12MID.) - 5AM	11PM(FRI 12MID.) - 6AM	12MID - 4AM	12MID(SAT 1AM) - 6AM	12AM - 4AM	SEE MOTPE NOTE (SHEET P.20A)	1 MINUTE	$380
			LEFT LANES CLOSED	8:30PM -6AM	7PM - 8:30AM	10PM(FRI 11PM) - 5AM	9:30PM - 7:30AM	12MID - 4AM	12MID(SAT 1AM) - 6AM				
IR-75	NB	2		11PM - 5AM	11PM - 7AM	NOT APPLICABLE		NOT APPLICABLE		12AM - 4AM	SEE MOTPE NOTE (SHEET P.20A)	1 MINUTE	$755
RAMP ME (FROM I-71 SB)	NB	2		8PM - 6AM	8PM - 7AM	NOT APPLICABLE		NOT APPLICABLE		12AM - 4AM	NOT ALLOWED	1 MINUTE	$280
RAMPS	BOTH			NOT APPLICABLE		NOT APPLICABLE		NOT APPLICABLE		NOT ALLOWED	10PM - 5AM	1 MINUTE	$100
CITY STREETS	BOTH	1		ANYTIME; MAINTAIN 1 LANE OF 2-WAY TRAFFIC		NOT APPLICABLE		NOT APPLICABLE		10PM - 5AM			
CITY STREETS	BOTH	2 OR MORE		8AM - 4PM & 7PM TO 6AM	7PM-8AM	NOT APPLICABLE		NOT APPLICABLE		10PM - 5AM	NOT ALLOWED	1 MINUTE	$100

NOTES:
1. NO CLOSURES 2 HOURS BEFORE TO 30 MINUTES AFTER THE START TIME OF EVENTS AT GREAT AMERICAN BALL PARK, PAUL BROWN STADIUM, OR HERITAGE BANK ARENA. THIS RESTRICTION ALSO APPLIES TO ANY OTHER LOCAL VENUE REACHING AN ATTEDANCE OF 20,000+.
2. NO CLOSURES FROM 30 MINUTES BEFORE THE SCHEDULED FINISH TIME TO 2 HOURS AFTER EVENTS AT GREAT AMERICAN BALL PARK, PAYCOR STADIUM, OR HERITAGE BANK ARENA. THIS RESTRICTION ALSO APPLIES TO ANY OTHER LOCAL VENUE REACHING AN ATTEDANCE OF 20,000+.
3. NO SHORT TERM SHOULDER CLOSURES BETWEEN THE HOURS OF 6 AM TO 9 AM AND 3 PM TO 7 PM MONDAY THROUGH FRIDAY.
4. RAMPS ARE PERMITTED TO BE CLOSED OVERNIGHT FOR MOT TRAFFIC SWITCHES AND WHEN PERFORMING WORK WITHIN THE RAMP ACCELERATION/DECELERATION LANE ONLY. ONLY ONE RAMP IS PERMITTED TO BE CLOSED AT A TIME.

DESIGN AGENCY
Palmer ENGINEERING
8350 E. KEMPER ROAD
SUITE B
CINCINNATI, OH 45249
(513) 469-1600

DESIGNER DPF
REVIEWER DCJ 12/20/24
PROJECT ID 122048
SHEET P.18 TOTAL P. 421

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). IN ADDITION, THE FOLLOWING LOCAL OFFICIALS SHALL RECEIVE NOTIFICATION:

CHRIS KELLY, CITY OF CINCINNATI:
CHRIS.KELLY@CINCINNATI-OH.GOV

CURTIS HINES
CURTIS.HINES@CINCINNATI-OH.GOV

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.

NOTIFICATION TIME FRAME TABLE

ITEM	DURATION OF CLOSURE	NOTIFICATION DUE TO DISTRICT 8 PIO	SIGN DISPLAYED TO PUBLIC
RAMP & ROAD CLOSURES	>=2 WEEKS	21 CALENDAR DAYS PRIOR TO CLOSURE	14 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HOURS &< 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE	7 CALENDAR DAYS PRIOR TO CLOSURE
	<=12 HOURS	4 CALENDAR DAYS PRIOR TO CLOSURE	2 CALENDAR DAYS PRIOR TO CLOSURE
LANE CLOSURES & RESTRICTIONS	>=2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE	
	< 2 WEEKS	5 CALENDAR DAYS PRIOR TO CLOSURE	
START OF CONSTRUCTION & TRAFFIC PATTERN CHANGES	N/A	14 CALENDAR DAYS PRIOR TO IMPLEMENTATION	

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

VERTICAL CLEARANCE

ANY WORK (FALSEWORK, TRAFFIC PROTECTION, CONTAINMENT, ETC. OVER LIVE TRAFFIC BY THE CONTRACTOR THAT REDUCES THE EXISTING VERTICAL CLEARANCE IS PROHIBITED UNLESS 30 DAYS ADVANCED NOTICE IS PROVIDED WITH NEW PROPOSED VERTICAL CLEARANCES. THE CONTRACTOR SHALL PROVIDE FIELD MEASUREMENTS BEFORE ALLOWING TRAFFIC UNDERNEATH. NO WORK OVER TRAFFIC SHALL OCCUR WITH A VERTICAL CLEARANCE LESS THAN 14'-0". LOWERING THE VERTICAL CLEARANCE DURING CONSTRUCTION IS CONSIDERED THE CONTRACTOR'S MEANS AND METHODS OF ACCOMPLISHING THE WORK, AND THEREFORE THE STATE IS NOT RESPONSIBLE FOR ANY DAMAGE FROM VEHICULAR IMPACTS THAT MAY RESULT AS PER 107.10.

IF ANY WORK IS TO OCCUR THAT REDUCES THE EXISTING VERTICAL CLEARANCE, THEN THE FOLLOWING ADVANCE WARNING SIGNS SHALL BE INSTALLED A MINIMUM OF 2 WEEKS PRIOR TO PERFORMING SUCH WORK. SIGNING SHALL BE AS DETAILED IN THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (OMUTCD) OF THE TYPE AND LOCATION AS FOLLOWS:

•W12-2-48 SIGN DUAL MOUNTED AT OR WITHIN 100 FEET OF THE BRIDGE IN EACH DIRECTION.
•W12-2-48 SIGN WITH W16-2AP-30 PLAQUE (1000 FT) DUAL MOUNTED 1000 FEET BEFORE THE BRIDGE IN EACH DIRECTION (NORTHBOUND WILL BE TRIPLE MOUNTED).
•W12-2-48 SIGN WITH W16-3AP-30 PLAQUE (1 MILE) DUAL MOUNTED AT THE 2.0 MILE MARKER SOUTHBOUND; W16-3AP-30 PLAQUE (1/2 MILE) AT THE 0.32 MILE MARKER NORTHBOUND I-75; W16-3AP-30 PLAQUE (3/4 MILE) SINGLE MOUNTED OVERHEAD/OVERLAY ABOVE 3RD STREET ON THE RAMP FROM SOUTHBOUND I-71.
•THE HEIGHT LISTED ON THE W12-2 SIGN SHALL BE 3" LOWER THAN THE ACTUAL TEMPORARY VC.

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.

CITY OF CINCINNATI DOTE

•IF PROJECT ACTIVITIES ARE PERFORMED IN CITY OF CINCINNATI RIGHT OF WAY, OR WILL IMPACT LOCAL ROADS, THEN THE CONTRACTORS MUST APPLY FOR A CITY PERMIT.

•PERMITS: A CITY OF CINCINNATI DOTE PERMIT IS REQUIRED PRIOR TO THE ODOT CONTRACTOR COMMENCING WORK INSIDE THE CITY'S RIGHT OF WAY. PERMITS WILL BE AT "NO COST" AND REQUIRE DOTE'S GENERAL PERMIT TO BE APPLIED FOR.

•THE CITY OF CINCINNATI'S CITIZENS AND BUSINESSES HOST MANY MAJOR EVENTS THAT MAY AFFECT TRANSPORTATION ASSETS WITHIN THE PROJECT LIMITS. CITY ISSUED PERMITS MAY REQUIRE MAJOR EVENT WORK RESTRICTIONS ON THE CONTRACTOR'S ACTIVITIES. THE CITY MAINTAINS A LIST OF KNOWN MAJOR EVENTS AT THE FOLLOWING WEBSITE: HTTP://CINCINNATI-OH.GOV/POLICE/SPECIAL EVENTS-REGULATIONS-AUCTIONS/EVENT-PERMITS/ .

PATCHING RUMBLE STRIPS

THE CONTRACTOR SHALL MILL THE EXISTING RUMBLE STRIPS A WIDTH OF 3 FEET AT 1 ½ INCH DEPTH AND PAVE WITH 1 ½ INCH ITEM 448 ASPHALT CONCRETE SURFACE COURSE, TYPE 1. PAYMENT FOR ALL MATERIALS, LABOR AND EQUIPMENT SHALL BE INCLUDED FOR PAYMENT UNDER ITEM 614 MAINTAINING TRAFFIC, MISC.: RUMBLE STRIP MILLED/FILLED

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 614 MAINTAINING TRAFFIC, MISC.: RUMBLE STRIP MILLED/FILLED - 1,400 FT.

ITEM 622, PORTABLE BARRIER, AS PER PLAN

AT THE LOCATION DESCRIBED IN THE NOTES FOR PHASE 3 FOR CLOSURE OF OPENINGS IN EXISTING MEDIAN BARRIER DUE TO PIER REMOVAL AND CONSTRUCTION. FURNISH AND INSTALL PORTABLE BARRIER, MAINTAIN IT, AND SUBSEQUENTLY LEAVE IT IN PLACE, FOR USE IN PID 116649(BSB). CONNECT TO EXISTING MEDIAN BARRIER WITH THRIE BEAM CONNECTION AS PER SCD MT-101.80. PORTABLE BARRIER AND APPURTENANCES FURNISHED BY THIS PROJECT AS PART OF THIS ITEM SHALL BECOME THE PROPERTY OF ODOT. PAYMENT SHALL INCLUDE ALL LABOR, MATERIAL, AND EQUIPMENT NECESSARY TO PERFORM THE WORK AND SHALL BE PAID FOR AT THE CONTRACT PRICE PER FOOT FOR ITEM 622, PORTABLE BARRIER, AS PER PLAN.

INCENTIVE/DISINCENTIVE CONTRACT TABLE

DESCRIPTION OR LOCATION OF CRITICAL WORK	COMPLETION DATE	TIME PERIOD	DISINCENTIVE $ PER TIME PERIOD	INCENTIVE $ PER TIME PERIOD	MAX INCENTIVE $
COMPLETION OF PHASE 1; DEMOLITION OF THE ENTIRE EXISTING BRIDGE HAM-75-0150, PROPOSED FORWARD ABUTMENT AND PROPOSED PIER #2	8/15/2026	DAY	$25,000	$33,000	$750,000
COMPLETION OF BRIDGE HAM-75-0150 PROPOSED SUPERSTRUCTURE FRAMING AND REMOVAL OF TEMPORARY STEEL SUPPORT	2/15/2027	DAY	$25,000	$25,000	$500,000
OPENING OF LINN STREET BRIDGE TO ALL PEDESTRIAN AND VEHICULAR TRAFFIC	5/1/2028	DAY	$25,000	$25,000	$500,000
COMPLETION OF WALL #2	9/1/2028	DAY	$25,000	$25,000	$500,000

NOTE: NOISE WALL #6 CONSTRUCTION SHALL NOT BEGIN PRIOR TO 7/1/2027

COORDINATION AND COOPERATION BETWEEN CONTRACTORS
NOTE MOVED TO SHEET P.19A

2

DESIGN AGENCY
Palmer ENGINEERING
8350 E. KEMPER ROAD
SUITE B
CINCINNATI, OH 45249
(513) 469-1600

DESIGNER DPF
REVIEWER DCJ 12/20/24
PROJECT ID 122048
SHEET P.19 TOTAL P. 421

APPROVED MAINTENANCE OF TRAFFIC (MOT) POLICY EXCEPTION(S)

PORTIONS OF THE MOT PLANS AS DESCRIBED BELOW HAVE APPROVED MOT EXCEPTION(S) PER TRAFFIC MANAGEMENT IN WORK ZONES POLICY (21-008(P)) AND STANDARD PROCEDURE (123-001(SP)).

APPROVED MOT EXCEPTION(S) INCLUDE:

1) THE CONTRACTOR IS PERMITTED A MAXIMUM OF 5 WEEKEND COMPLETE CLOSURES TO PERFORM STEEL REMOVAL AND STEEL ERECTION. A WEEKEND IS DEFINED AS BEGINNING 11 PM FRIDAY NIGHT AND ENDING AT 5 AM MONDAY MORNING. ONLY ONE DIRECTION OF TRAFFIC IS PERMITTED TO BE CLOSED ON A WEEKEND. IN THE SOUTHBOUND DIRECTION, A SOFT CLOSURE (DOUBLE LANE CLOSURE EXTENDING BEYOND THE LINE OF SIGHT) SHALL BE INSTALLED AT SR 562 WITH THE HARD CLOSURE AT FREEMAN AVENUE. IN THE NORTHBOUND DIRECTION, A SOFT CLOSURE (DOUBLE LANE CLOSURE EXTENDING BEYOND THE LINE OF SIGHT) SHALL BE INSTALLED AT THE I-71/I-75 SPLIT WITH THE HARD CLOSURE AT WESTBOUND US 50.

A PCMS SHALL BE PROVIDED AT ALL ENTRANCE RAMPS BETWEEN THE SOFT CLOSURE AND LINN STREET. 2 PCMS SHALL BE LOCATED ON MAINLINE I-75 IN ADVANCE OF BOTH THE HARD AND SOFT CLOSURES. MT-95.50 EXTRA ADVANCE SIGNING, 3 AND 5 MILE CLUSTERS SHALL BE PROVIDED BEFORE BOTH THE HARD AND SOFT CLOSURE. WZQDWS SHALL BE PROVIDED IN ADVANCE OF BOTH THE HARD AND SOFT CLOSURES. A POSTED DETOUR USING SR 562 AND I-71 SHALL BE PROVIDED CONSISTING OF 11 SIGN ASSEMBLIES ALONG THE DETOUR ROUTE; THE SIGN ASSEMBLY CONSISTS OF A DETOUR PLAQUE, DIRECTION PLAQUE, AND I-75 ROUTE SHIELD (A DETOUR MAP WILL BE PROVIDED AT THE PRE-CONSTRUCTION MEETING).

THE CONTRACTOR SHALL INCLUDE EACH WEEKEND CLOSURE AS AN ACTIVITY IN THE CPM SCHEDULE.

2) THE CONTRACTOR IS PERMITTED A MAXIMUM OF 4 OVERNIGHT COMPLETE CLOSURES TO PERFORM ASSOCIATED DECK WORK (SAWING, REMOVAL, FALSEWORK). OVERNIGHT IS DEFINED AS BEGINNING 10 PM AND ENDING AT 5 AM THE FOLLOWING DAY, EXCEPT FRIDAY AND SATURDAY NIGHTS ARE BEGINNING AT 11 PM AND ENDING AT 6 AM. IN THE SOUTHBOUND DIRECTION, THE HARD CLOSURE IS LOCATED AT FREEMAN AVENUE. IN THE NORTHBOUND DIRECTION, THE HARD CLOSURE IS LOCATED AT WESTBOUND US 50.

A PCMS SHALL BE PROVIDED AT ALL ENTRANCE RAMPS BETWEEN THE DETOUR POINT AND LINN STREET. 2 PCMS SHALL BE LOCATED ON MAINLINE I-75 IN ADVANCE OF THE HARD CLOSURES. WZQDWS SHALL BE PROVIDED IN ADVANCE OF THE HARD CLOSURE. A DETOUR USING 3 PCMS SHALL BE PROVIDED ALONG SR 562 AND I-71 (A DETOUR MAP WITH PCMS MESSAGES WILL BE PROVIDED AT THE PRE-CONSTRUCTION MEETING).

THE CONTRACTOR SHALL INCLUDE EACH OVERNIGHT CLOSURE AS AN ACTIVITY IN THE CPM SCHEDULE.

A MAINTENANCE OF TRAFFIC MEETING SHALL BE HELD A MINIMUM OF 30 CALENDAR DAYS PRIOR TO IMPLEMENTATION OF EACH APPROVED MOT EXCEPTION. THIS MEETING SHALL INCLUDE THE DISTRICT WORK ZONE TRAFFIC MANAGER AND THE CITY OF CINCINNATI, AS WELL AS THE CONTRACTOR, WORKSITE TRAFFIC SUPERVISOR (WTS) AND ANY SUBCONTRACTORS INVOLVED WITH TEMPORARY TRAFFIC CONTROL.

IN ADDITION TO ANY NOTIFICATIONS REQUIRED IN OTHER NOTES, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER AT LEAST 3 BUSINESS DAYS IN ADVANCE OF IMPLEMENTATION OF THE APPROVED MOT EXCEPTION(S) REFERENCED ABOVE SO THAT THE PROJECT ENGINEER CAN SEND EMAIL NOTIFICATION TO THE OFFICE OF ROADWAY ENGINEERING, STATEWIDE TMC, DWZTM AND SPECIAL HAULING PERMITS AT LEAST 2 BUSINESS DAYS IN ADVANCE OF THE IMPLEMENTATION OF THE APPROVED MOT EXCEPTION(S) REFERENCED ABOVE. REFERENCE "EXCEPTION REQUEST APPROVAL DATED 9/4/25 FOR PID 116649/ 122048" IN THE NOTIFICATION AND OTHER CORRESPONDENCE.

ANY CHANGES TO THE MOT THAT IMPACT THE PREVIOUSLY APPROVED MOT EXCEPTION(S) LISTED ABOVE SHALL BE APPROVED IN WRITING BY THE MOT EXCEPTION COMMITTEE (MOTEC). IN THE EVENT THAT SUCH CHANGES ARE PROPOSED, THE REQUEST SHALL BE COORDINATED THROUGH THE DISTRICT WORK ZONE TRAFFIC MANAGER (DWZTM) A MINIMUM OF 30 CALENDAR DAYS PRIOR TO THE DESIRED IMPLEMENTATION DATE. IF THE DISTRICT AGREES WITH THE PROPOSED CHANGES THE DWZTM SHALL SEEK APPROVAL FROM THE MOTEC. IN THE EVENT THE PROPOSED CHANGES ARE APPROVED IN WRITING, THE CLOSURES ARE STILL SUBJECT TO NOTIFICATION REQUIREMENTS WITHIN THIS NOTE PRIOR TO IMPLEMENTATION.

COORDINATION AND COOPERATION BETWEEN CONTRACTORS

COORDINATE AND COOPERATE FULLY WITH THE OHIO DEPARTMENT OF TRANSPORTATION (ODOT), LOCAL AGENCIES, AND CONTRACTORS ON ALL ADJACENT AND OVERLAPPING PROJECTS. EXPECT COORDINATION EFFORTS TO EXCEED TYPICAL PRACTICE DUE TO THE NUMBER AND COMPLEXITY OF CONCURRENT ACTIVITIES IN THE AREA. THE DEPARTMENT WILL PROVIDE CONTACT INFORMATION FOR ALL ADJACENT CONTRACTS AT THE PRE-CONSTRUCTION MEETING.

AT ANY TIME, THE DEPARTMENT MAY CONTRACT FOR ADDITIONAL WORK ON OR NEAR THE PROJECT. CONDUCT ALL WORK WITHOUT INTERFERING WITH, HINDERING THE PROGRESS OF, OR PREVENTING THE COMPLETION OF WORK ON THIS OR ANY OTHER PROJECT. COOPERATE WITH OTHER CONTRACTORS AND WITH THE ENGINEER TO PREVENT AND MITIGATE IMPACTS ACROSS ALL AFFECTED PROJECTS.

ACTIVELY ENGAGE IN PLANNING AND COMMUNICATION TO AVOID CONFLICTS INVOLVING ADVANCE WARNING SIGNAGE, DETOUR ROUTES, LANE CLOSURES, OR ANY OTHER ACTIVITY THAT MAY DISRUPT THE SAFE AND EFFICIENT EXECUTION OF WORK. THIS LIST IS NOT EXHAUSTIVE—IDENTIFY AND RESOLVE ALL POTENTIAL CONFLICTS THROUGH PROACTIVE COORDINATION.

COORDINATE WITH THE DEPARTMENT TO IMPLEMENT ALL NECESSARY MITIGATION MEASURES, INCLUDING BUT NOT LIMITED TO RE-SEQUENCING, RE-TIMING, OR RE-PHASING OF WORK. DOCUMENT ALL COORDINATION EFFORTS AND MITIGATION ACTIONS.

IF UNAVOIDABLE CONFLICTS ARISE DESPITE ACTIVE COORDINATION, AND THE ENGINEER DETERMINES THAT DELAYS ARE BEYOND THE CONTRACTOR'S CONTROL, SUCH DELAYS WILL BE CONSIDERED EXCUSABLE FOR THE PURPOSES OF MILESTONE INCENTIVES. IF THE ENGINEER DETERMINES THAT MITIGATION EFFORTS HAVE RESULTED IN DEMONSTRABLE ADDITIONAL COSTS AND WERE NECESSARY DUE TO COORDINATION REQUIREMENTS, THE DEPARTMENT MAY COMPENSATE THOSE COSTS.

HOWEVER, FAILURE TO PERFORM ACTIVE COORDINATION, COMPLY WITH REQUIRED NOTIFICATION PROCEDURES, OR COMPLY WITH NOTIFICATION TIME FRAME TABLE WILL RESULT IN DELAYS BEING DEEMED NON-EXCUSABLE AND NON-COMPENSABLE.

ATTEND ALL DEPARTMENT-REQUESTED TRAFFIC COORDINATION MEETINGS INVOLVING ADJACENT PROJECTS. ENSURE THAT THE PROJECT SUPERINTENDENT AND WORKSITE TRAFFIC SUPERVISOR (WTS) ARE PRESENT. PARTICIPATION IN THESE MEETINGS IS MANDATORY AND SHALL BE CONSIDERED INCIDENTAL TO THE LUMP SUM MAINTENANCE OF TRAFFIC PAY ITEM.

THE PROJECTS REQUIRING COORDINATION AND COOPERATION, INCLUDE BUT ARE NOT LIMITED TO:

- *ODOT BRENT SPENCE BRIDGE, PID 116649*
- *METROPOLITAN SEWER DISTRICT PROJECT 10142950 - EAST BRANCH OHIO RIVER INTERCEPTOR (EBORI) EXTENSION PROJECT (LAUNCH PIT AT WESTERN AVE/GEST STREET/SB I-75 ON RAMP)*
- *CITY OF CINCINNATI – LINN ST ROAD DIET*

A GENERAL OVERVIEW OF THE COORDINATION WITH PID 116649 AND THE EBORI IS OUTLINED IN THE PHASING DESCRIPTION ON SHEET P.13. THE SPECIFICS ARE DETAILED IN THIS NOTE.

PHASE 1 (SHEETS P.46 - P.47):
CONTRACTOR SHALL COORDINATE MOBILIZATION WITH THE CONTRACTOR FOR THE METROPOLITAN SEWER DISTRICT EBORI PROJECT AND SETUP OF MOT AT THE LAUNCH PIT SITE AT WESTERN AVE/GEST STREET/SB I-75 ON RAMP. IF THE MOT FOR EBORI IS SETUP PRIOR TO MOBILIZATION FOR THIS PROJECT, THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR WORK SITE TRAFFIC SUPERVISION, WORK ZONE PAVEMENT MARKINGS AND SIGNAGE. THE PORTABLE BARRIER PLACED BY THE EBORI CONTRACTOR WILL REMAIN AND BE MAINTAINED INCLUDING CONSTRUCTION ACCESS POINTS. IF THE EBORI LAUNCH PIT SITE IS STILL ACTIVE AT THE CONCLUSION OF THIS PROJECT, THE EORBI CONTRACTOR WILL REASSUME RESPONSIBILITY FOR WORK SITE TRAFFIC SUPERVISION, WORK ZONE PAVEMENT MARKINGS AND SIGNAGE. PRIOR TO ANTICPATED COMPLETION OF PHASE 1,PROVIDE THE BSB (PID 116649) TEAM 14 CALENDAR DAYS NOTICE TO SCHEDULE THE TRAFFIC SWITCH SEQUENCE DESCRIBED BELOW IN PHASE 2 (NORTHBOUND I-75)

PHASE 2 (NORTHBOUND I-75):
BY THE DATE REQUIRED IN THE DISINCENTIVE CONTRACT TABLE FOR THE COMPLETION OF PHASE 1 (DEMOLITION OF THE ENTIRE EXISTING BRIDGE HAM-75-0150, PROPOSED FORWARD ABUTMENT AND PROPOSED PIER #2 AND PORTION OF WALL #2), THE ENTIRETY OF NORTHBOUND I-75 WILL BE TURNED OVER TO THE CONTRACTOR FOR THE BRENT SPENCE BRIDGE (BSB) -PID 116649 TO SETUP MOT. SOUTHBOUND I-75 MOT RESPONSIBILITY AND MAINTENANCE WILL REMAIN WITH THE PID 122048 CONTRACTOR.

COORDINATION IS REQUIRED BY THE PID 122048 CONTRACTOR FOR THE NORTHBOUND TRAFFIC SWITCH FROM PHASE 1 (250404) TO PHASE 2 BSB (PID 116649). THE BSB (PID 116649) TEAM WILL NEED TO INSTALL PORTABLE BARRIER PROTECTION IN THE MEDIAN BEHIND PHASE 1 (PID 122048) PORTABLE BARRIER; FOR SCHEDULE PURPOSES ASSUME THIS OPERATION WILL TAKE 2 WORKING DAYS. ONCE THE PHASE 2 MEDIAN PORTABLE BARRIER IS INSTALLED, THE ENTIRE RUN OF PHASE 1 NORTHBOUND LEFT SHOULDER PORTABLE BARRIER SHALL BE REMOVED. THEN THE BSB(PID 116649) TEAM WILL INSTALL THE REMAINDER OF PHASE 2 TRAFFIC CONTROL ITEMS; FOR SCHEDULE PURPOSES ASSUME THIS OPERATION WILL TAKE 7 WORKING DAYS. ONCE THE PHASE 2 TRAFFIC SWITCH IS COMPLETE, THE ENTIRE RUN OF PHASE 1 NORTHBOUND RIGHT SHOULDER PORTABLE BARRIER SHALL BE REMOVED.

PHASE 3 (SOUTHBOUND I-75):
BY THE DATE REQUIRED IN THE DISINCENTIVE CONTRACT TABLE FOR THE COMPLETE OPENING OF LINN STREET BRIDGE TO ALL PEDESTRIAN AND VEHICULAR TRAFFIC, THE ENTIRETY OF SOUTHBOUND I-75 WILL BE RESTORED TO PRE-CONSTRUCTION CONFIGURATION. REMOVE PORTABLE BARRIER AND WZIA AND CLOSE OPENINGS IN EXISTING MEDIAN BARRIER DUE TO PIER REMOVAL AND CONSTRUCTION.

DETOUR ROUTES:
THE FOLLOWING DETOUR ROUTES WILL BE REQUIRED TO CONTINUE OPERATION DURING THE BRENT SPENCE BRIDGE, PID 116649 AT THE CONCLUSION OF HIS PROJECT:

SHEET P.56 - WESTERN AVE TO I-75 S.
SHEET P.57 - EASTBOUND GEST STREET
SHEET P.58 - WESTBOUND GEST STREET

THE CONTRACTOR(S) ON PID 116649 (BRENT SPENCE BRIDGE) SHALL ASSUME MAINTENANCE OF THE DETOURS AFTER THIS PROJECT. INSPECTION OF THE SIGNAGE AND BARRICADES BY REPRESENTATIVES OF THE CONTRACTOR, ODOT AND THE BRENT SPENCE BRIDGE WILL TAKE PLACE AT THIS TIME. THE CONTRACTOR FOR PID 122048 CAN CHOOSE TO REMOVE AND RETAIN THE SIGNAGE AND BARRICADES, OR UNDER SEPARATE AGREEMENT, ALLOW THE BRENT SPENCE BRIDGE CONTRACTOR TO RETAIN AND ASSUME CONTROL AND MAINTENANCE OF THE DETOURS, ANY DEFICIENCIES FOUND IN THE SIGNAGE AND BARRICADES FROM THIS INSPECTION SHALL BE CORRECTED BY THE CONTRACTOR. A SUMMARY OF SIGNAGE AND BARRICADES TRANSFERRED TO BRENT SPENCE BRIDGE CONTRACTOR SHALL BE PROVIDED TO THE ENGINEER AND WILL INCLUDE DOCUMENTATION OF CORRECTIVE ACTIONS NECESSARY TO CORRECT DEFICIENCIES FOUND IN THE INSPECTION

4

DESIGN AGENCY
Palmer ENGINEERING
8350 E. KEMPER ROAD
SUITE B
CINCINNATI, OH 45249
(513) 469-1600

DESIGNER
DPF

REVIEWER
DCJ 12/20/24

PROJECT ID
122048

SHEET P.20A | TOTAL P. 421

REF. NO.	SHEET NO.	PHASE NO.	STATION FROM	STATION TO	SIDE	LENGTH	STATION EQUATION CORRECTION	614 WORK ZONE EDGE LINE, CLASS I, 6" (WHITE), 642 PAINT	614 WORK ZONE EDGE LINE, CLASS I, 6" (YELLOW), 642 PAINT	614 WORK ZONE DOTTED LINE, CLASS I, 6" (WHITE), 642 PAINT	614 OBJECT MARKER, ONE WAY	614 BARRIER REFLECTOR, TYPE 1 (1-WAY)	614 INCREASED BARRIER DELINEATION	614 WORK ZONE IMPACT ATTENUATOR, UNIDIRECTIONAL	614 PORTABLE BARRIER, 32", ANCHORED	REMARKS
								MILE	MILE	FEET	EACH	EACH	FEET	EACH	FEET	
PHASE 3																
EW15	P.43	3	0+50.00	6+24.00	AT INTERSECTION	606		0.12								GEST ST TO I75 SB
WD8	P.43	3	0+50.00	4+53.00	RAMP	403				403						RAMP TO I75 SB
PB8	P.43	3	4+65.00	6+15.00	RAMP	150					3	3	150	1	150	RAMP TO I75 SB
TOTALS CARRIED TO GENERAL SUMMARY								0.12		403	3	3	150	1	150	

STATION FROM	STATION TO	AVG WIDTH	LENGTH	PLAN AREA	STATION EQUATION CORRECTION	LOCATION	615 PAVEMENT FOR M.O.T., CLASS A
FROM	TO	FT	FT	SF	FT		SY
63+47.00	68+36.00	4.6	489.0	2360.0		I-75 NB	262
TOTALS CARRIED TO GENERAL SUMMARY							262

STATION EQUATION
(TO WINCHELL AVE)
STA 7+55.81 BK.
= STA 26+93.86 AH.

PHASE NO.	STATION FROM	STATION TO	SIDE	LENGTH	614 WORK ZONE EDGE LINE, CLASS I, 6" (WHITE), 807 PAINT	614 WORK ZONE EDGE LINE, CLASS I, 6" (YELLOW), 807 PAINT	614 WORK ZONE LANE LINE, CLASS I, 6" (YELLOW), 807 PAINT	614 WORK ZONE CHANNELIZING LINE, CLASS I, 12" (WHITE), 807 PAINT	614 WORK ZONE DOTTED LINE, CLASS I, 6" (WHITE, 807 PAINT	615 PAVEMENT FOR M.O.T., CLASS A	622 PORTABLE BARRIER, UNANCHORED, AS PER PLAN	REMARKS
					MILE	MILE	MILE	FEET	FEET	SY	FEET	
3	58+00.00	80+00.00	SB MEDIAN	2200		0.42						I-75 SB - RESTORE PAVEMENT MARKINGS
3	60+05.00	80+00.00	SB OUTSIDE	1995	0.38							I-75 SB - RESTORE PAVEMENT MARKINGS
3	58+00.00	83+00.00	SB INSIDE	2500			0.48					I-75 SB - RESTORE LANE LINE
3	53+85.00	83+00.00	SB MIDDLE	2915			0.56					I-75 SB - RESTORE LANE LINE (TO GORE)
3	58+00.00	83+00.00	SB OUTSIDE	2500			0.48					I-75 SB - RESTORE LANE LINE
3	59+72.00	60+98.00	RAMP B	126				126				RAMP TO 7TH ST
3	60+98.00	70+00.00	RAMP B	902					902	4		RAMP TO 7TH ST
3	63+00.00	65+50.00	MEDIAN	250						275	250	MEDIAN OPENING CLOSURE
					0.80		2.00	126	902	275	250	

SUBSUMMARY - MAINTENANCE OF TRAFFIC

DESIGN AGENCY
Palmer ENGINEERING
8350 E. KEMPER ROAD
SUITE B
CINCINNATI, OH 45249
(513) 469-1600

DESIGNER DPF
REVIEWER DCJ 12/20/24
PROJECT ID 122048
SHEET P.23 TOTAL P. 421

SHEET NUM.										PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
OFFICE CALCS	P.12		P.69		P.205	P.206	P.207	P.365	P.421A	01/IMS	02/IMS	03/IMS						
																	ITS	
									233	233			625	25400	233	FT	CONDUIT, 2", 725.04 4	P.421B
									2	2			625	30700	2	EACH	PULL BOX, 725.08, 18"	
									1	1			625	34000	1	EACH	POWER SERVICE(ITS), AS PER PLAN	
																	TRAFFIC CONTROL	
						113				113			621	00100	113	EACH	RPM	
			10							10			626	00102	10	EACH	BARRIER REFLECTOR, TYPE 1 (ONE-WAY)	
			8							8			626	00110	8	EACH	BARRIER REFLECTOR, TYPE 2 (ONE-WAY)	
							182.4			182.4			630	02100	182.4	FT	GROUND MOUNTED SUPPORT, NO. 2 POST	
							53.4			53.4			630	03100	53.4	FT	GROUND MOUNTED SUPPORT, NO. 3 POST	
							112.4			112.4			630	06100	112.4	FT	GROUND MOUNTED SUPPORT, NO. 6 POST	
							9			9			630	08600	9	EACH	SIGN POST REFLECTOR	
							203.41			203.41			630	80100	203.41	SF	SIGN, FLAT SHEET	
							18			18			630	84900	18	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	
							11			11			630	86002	11	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	
							1			1			630	86010	1	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND REERECTION	
							1			1			630	87500	1	EACH	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL	
							1			1			630	97700	1	EACH	SIGNING, MISC.: GROUND MOUNTED SIGN SUPPORT, STEEL POLE (CINCINNATI)	
					0.01	0.73				0.74			644	00100	0.74	MILE	EDGE LINE, 4"	
					0.02	0.28				0.3			644	00200	0.3	MILE	LANE LINE, 4"	
					0.02	0.04				0.06			644	00300	0.06	MILE	CENTER LINE	
						1,389				1,389			644	00400	1,389	FT	CHANNELIZING LINE, 8"	
					18	47				65			644	00500	65	FT	STOP LINE	
					85					85			644	00620	85	FT	CROSSWALK LINE, 12"	
						130				130			644	00630	130	FT	CROSSWALK LINE, 24"	
						106				106			644	00720	106	FT	CHEVRON MARKING	
						10				10			644	01300	10	EACH	LANE ARROW	
					5					5			644	01500	5	FT	DOTTED LINE, 4" WHITE (2FT LONG, 6FT GAP)	
						137				137			644	01510	137	FT	DOTTED LINE, 6" WHITE (3FT LONG, 9FT GAP)	
	300									300			644	30000	300	FT	REMOVAL OF PAVEMENT MARKING	
	5									5			644	30020	5	EACH	REMOVAL OF PAVEMENT MARKING	
	0.45									0.45			644	30030	0.45	MILE	REMOVAL OF PAVEMENT MARKING	
					0.21	0.09				0.3			646	10000	0.3	MILE	EDGE LINE, 4"	
					0.04					0.04			646	10010	0.04	MILE	EDGE LINE, 6"	
					0.1					0.1			646	10100	0.1	MILE	LANE LINE, 4"	
					0.05	0.02				0.07			646	10200	0.07	MILE	CENTER LINE	
					1,595					1,595			646	10300	1,595	FT	CHANNELIZING LINE, 8"	
					75					75			646	10400	75	FT	STOP LINE	
					357					357			646	10510	357	FT	CROSSWALK LINE, 12"	
					60	65				125			646	10600	125	FT	TRANSVERSE/DIAGONAL LINE (YELLOW)	
					255					255			646	10600	255	FT	TRANSVERSE/DIAGONAL LINE (WHITE)	
					277					277			646	10620	277	FT	CHEVRON MARKING	
					11	1				12			646	20300	12	EACH	LANE ARROW	
					237					237			646	20502	237	FT	DOTTED LINE, 4" WHITE (2FT LONG, 6FT GAP)	
																	LANDSCAPING	
								1		1			SPECIAL	68043100	1	EACH	COMPLETE IRRIGATION SYSTEM (LINN STREET BRIDGE)	P.365

GENERAL SUMMARY

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
LZS

REVIEWER
KAM 03/03/25

PROJECT ID
122048

SHEET P.62 | TOTAL P.421

HAM-IR 75-1.05

SHEET NUM.										PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
OFFICE CALCS				P.169		P.195		P.236		01/IMS	02/IMS	03/IMS						
																	RETAINING WALLS (WALL 02)	
				LS						LS			503	11101	LS		COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN	P.170
				LS						LS			503	21301	LS		UNCLASSIFIED EXCAVATION, AS PER PLAN	P.167
				813						813			507	00400	813	FT	STEEL PILES, MISC.: SOLDIER PILES, W27X178	P.167
				179						179			507	00400	179	FT	STEEL PILES, MISC.: SOLDIER PILES, W27X258	P.167
				176,174						176,174			509	26000	176,174	LB	GALVANIZED STEEL REINFORCEMENT	
				1,677						1,677			510	10000	1,677	EACH	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	
				880						880			511	46012	880	CY	CLASS QC1 CONCRETE WITH QC/QA, RETAINING/WINGWALL NOT INCLUDING FOOTING	
				123						123			511	46510	123	CY	CLASS QC1 CONCRETE, FOOTING	
				475						475			511	53010	475	CY	CLASS QC1 CONCRETE, MISC.: SHAFT CAP WITH QC/QA	P.167
				253						253			511	53010	253	CY	CLASS QC1 CONCRETE, MISC.: MOMENT SLAB WITH QC/QA	P.167
				2,229						2,229			512	10000	2,229	SY	SEALING OF CONCRETE SURFACES	
				2,229						2,229			512	10001	2,229	SY	SEALING OF CONCRETE SURFACES, AS PER PLAN	P.167
				10						10			512	33000	10	SY	TYPE 2 WATERPROOFING	
				574						574			513	20001	574	EACH	WELDED STUD SHEAR CONNECTORS, AS PER PLAN	P.167
				488						488			516	13600	488	SF	1" PREFORMED EXPANSION JOINT FILLER	
				810						810			517	76300	810	FT	RAILING, MISC.: TEXAS RAILING	P.167
				237						237			518	20000	237	SY	PREFABRICATED GEOCOMPOSITE DRAIN	
				160						160			518	21200	160	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	
				72						72			518	39900	72	FT	4" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	
				1,010						1,010			518	40000	1,010	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	
				80						80			518	40010	80	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	
				807						807			524	94803	807	FT	DRILLED SHAFTS, 42" DIAMETER, ABOVE BEDROCK, AS PER PLAN	P.167
				181						181			524	94903	181	FT	DRILLED SHAFTS, 48" DIAMETER ABOVE BEDROCK, AS PER PLAN	P.168
				5,260						5,260			524	94915	5,260	FT	DRILLED SHAFTS, 60" DIAMETER, ABOVE BEDROCK, AS PER PLAN	P.168
				LS						LS			SPECIAL	53000200	LS		STRUCTURES: PRECONSTRUCTION CONDITION SURVEY	P.167
				288						288			SPECIAL	53051010	288	SF	RETAINING WALL, PRECAST CONCRETE LAGGING	P.168
				2,104						2,104			SPECIAL	53051020	2,104	SF	RETAINING WALL, TIMBER LAGGING	P.167
				809						809			607	39901	809	FT	VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC, AS PER PLAN	P.168
				8,401						8,401			840	26050	8,401	SF	AESTHETIC SURFACE TREATMENT	P.168
				12						12			894	10000	12	EACH	THERMAL INTEGRITY PROFILING (TIP) TEST	P.168
																	RETAINING WALLS (WALL 04)	
						LS				LS			503	21300	LS		UNCLASSIFIED EXCAVATION	
						1,872				1,872			507	00400	1,872	FT	STEEL PILES, MISC.: SOLDIER PILES, W33x387	P.194
						13,404				13,404			509	26000	13,404	LB	GALVANIZED STEEL REINFORCEMENT	
						8				8			510	10000	8	EACH	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	
						82				82			511	53010	82	CY	CLASS QC1 CONCRETE, MISC.: SHAFT CAP & COLLAR	P.194
						28				28			511	53010	28	CY	CLASS QC1 CONCRETE, MISC.: MOMENT SLAB	P.194
						245				245			512	10000	245	SY	SEALING OF CONCRETE SURFACES	
						245				245			512	10001	245	SY	SEALING OF CONCRETE SURFACES, AS PER PLAN	P.194
						28				28			513	20001	28	EACH	WELDED STUD SHEAR CONNECTORS, AS PER PLAN	P.194
						10				10			516	13200	10	SF	1/2" PREFORMED EXPANSION JOINT FILLER	
						41				41			516	13600	41	SF	1" PREFORMED EXPANSION JOINT FILLER	
						111				111			517	76300	111	FT	RAILING, MISC.: TEXAS RAILING	P.194
						2,528				2,528			524	94915	2,528	FT	DRILLED SHAFTS, 60" DIAMETER, ABOVE BEDROCK, AS PER PLAN	P.194
						112				112			607	39900	112	FT	VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC	
																	NOISE BARRIERS	
								17,427		17,427			SPECIAL	60610210	17,427	SF	NOISE BARRIER (REFLECTIVE)	P.234
								1		1			611	99710	1	EACH	PRECAST REINFORCED CONCRETE OUTLET	
																	4 REMOVED "ITEM 690E98400 - SPECIAL FORM LINER FOR NOISE BARRIER"	

GENERAL SUMMARY

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER
LZS

REVIEWER
KAM 03/03/25

PROJECT ID
122048

SHEET P.63 | TOTAL P.421

HAM-IR 75-1.05

SHEET NUM.									PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
OFFICE CALCS							P.249	P.250	01/IMS	02/IMS	03/IMS						
																STRUCTURE OVER 20 FOOT SPAN (HAM-75-0104) (SFN 3109098)	
							LS				LS	202	11003	LS		STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN	P.245
							634				634	202	22900	634	SY	APPROACH SLAB REMOVED	
							LS				LS	202	30204	LS		STEPS REMOVED	
							27			27		203	20001	27	CY	EMBANKMENT, AS PER PLAN	P.245
							864			864		203	35111	864	CY	GRANULAR MATERIAL, TYPE B, AS PER PLAN	P.248
							LS			LS		503	11101	LS		COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN	P.245
							LS			LS		503	21300	LS		UNCLASSIFIED EXCAVATION	
							LS			LS		505	11100	LS		PILE DRIVING EQUIPMENT MOBILIZATION	
							4,360			4,360		507	00501	4,360	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN, AS PER PLAN	P.248A
							4,640			4,640		507	00550	4,640	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED	
							5,500			5,500		507	00601	5,500	FT	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN, AS PER PLAN	P.248A
							5,880			5,880		507	00650	5,880	FT	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED	
							280			280		507	92201	280	FT	PREBORED HOLES, AS PER PLAN	P.245
							360			360		507	92201	360	FT	PREBORED HOLES, AS PER PLAN	P.248
							502,155			502,155		509	26000	502,155	LB	GALVANIZED STEEL REINFORCEMENT	
							4,000			4,000		509	40000	4,000	LB	CONCRETE REINFORCEMENT, MISC.: ADDITIONAL GALVANIZED STEEL REINFORCEMENT FOR FOOTINGS	P.248A
							313			313		511	34463	313	CY	CLASS QC SCC CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN	P.245
							279			279		511	46513	279	CY	CLASS QC1 CONCRETE WITH QC/QA, FOOTING, AS PER PLAN	P.248A
							510			510		511	51513	510	CY	CLASS QC2 CONCRETE WITH QC/QA, SIDEWALK, AS PER PLAN	P.247
							83			83		511	53012	83	CY	CLASS QC2 CONCRETE, MISC.: RAISED MEDIAN, WITH QC/QA	P.247
							98			98		511	53012	98	CY	CLASS QC2 CONCRETE, MISC.: PLANTER WALLS, WITH QC/QA	
							1,079			1,079		511	53014	1,079	CY	CLASS QC3 CONCRETE, MISC.: BRIDGE DECK, WITH QC/QA	P.246
							237			237		511	53014	237	CY	CLASS QC3 CONCRETE, MISC.: PIER ABOVE FOOTINGS, WITH QC/QA	P.246
							155			155		511	53014	155	CY	CLASS QC3 CONCRETE, MISC.: ABUTMENT NOT INCLUDING FOOTING, WITH QC/QA	P.246
							48			48		511	81300	48	EACH	CONCRETE, MISC.: PRECAST CONCRETE PLINTHS	P.247
							3,868			3,868		512	10001	3,868	SY	SEALING OF CONCRETE SURFACES, AS PER PLAN	P.245
							2,827			2,827		512	10050	2,827	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)	
							3,868			3,868		512	10100	3,868	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	P.245
							61			61		512	33000	61	SY	TYPE 2 WATERPROOFING	
							844			844		SPECIAL	51267200	844	SY	WATERPROOFING FOR PLANTERS AREAS	P.247
							128,300			128,300		513	10261	128,300	LB	STRUCTURAL STEEL MEMBERS, LEVEL 3, AS PER PLAN	P.246
							1,275,300			1,275,300		513	10281	1,275,300	LB	STRUCTURAL STEEL MEMBERS, LEVEL 4, AS PER PLAN	P.246
							9,784			9,784		513	20000	9,784	EACH	WELDED STUD SHEAR CONNECTORS	
							15,361			15,361		514	00060	15,361	SF	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT	P.245
							15,361			15,361		514	00066	15,361	SF	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT	P.245
							182			182		516	10010	182	FT	ARMORLESS PREFORMED JOINT SEAL	
							11			11		516	10011	11	FT	ARMORLESS PREFORMED JOINT SEAL, AS PER PLAN	P.248
							258			258		516	11211	258	FT	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN	P.317
							81			81		516	13000	81	SF	1/4" PREFORMED EXPANSION JOINT FILLER	
							64			64		516	13200	64	SF	1/2" PREFORMED EXPANSION JOINT FILLER	
							356			356		516	13900	356	SF	2" PREFORMED EXPANSION JOINT FILLER	
							9			9		516	44101	9	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (13"x12"x2.358" EXP. BEARING)	P.287
							9			9		516	44101	9	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (13"x12"x2.358" FIXED BEARING)	P.287
							4			4		516	44201	4	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (23"x18"x3.448" FIXED BEARING)	P.287
							5			5		516	44201	5	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (20"x15"x3.448" FIXED BEARING)	P.287
							4			4		516	44301	4	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (18"x14"x4.068" EXP. BEARING)	P.287
							5			5		516	44301	5	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (16"x13"x4.068" EXP. BEARING)	P.287
							4			4		516	44301	4	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (19"x16"x4.068" EXP. BEARING)	P.287
							5			5		516	44301	5	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (17"x13"x4.068" EXP. BEARING)	P.287
							29			29		517	76300	29	FT	RAILING, MISC.: SIDEWALK RAILING AT REAR ABUTMENT MSE WALLS	P.287
							276			276		518	20000	276	SY	PREFABRICATED GEOCOMPOSITE DRAIN	
							65			65		518	21201	65	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC, AS PER PLAN	P.246
							767			767		518	39800	767	FT	4" PERFORATED CORRUGATED PLASTIC PIPE	
							89			89		518	62100	89	FT	STRUCTURE DRAINAGE, MISC.: NEOPRENE TROUGH AND DRAINAGE OUTLETS	P.322
							4			4		523	20000	4	EACH	DYNAMIC LOAD TESTING	
							4			4		523	20500	4	EACH	RESTRIKE	
							602			602		526	30011	602	SY	REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=17"), AS PER PLAN	P.245
								180		180		526	90030	180	FT	TYPE C INSTALLATION	
								LS		LS		SPECIAL	53000200	LS		STRUCTURES: TEMPORARY SUPPORTS FOR GIRDERS	P.245
								2		2		SPECIAL	53000400	2	EACH	STRUCTURESSCREEN WALLS JOB STANDARD MOCK-UP	P.248A

4

GENERAL SUMMARY

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
LZS

REVIEWER
KAM 03/03/25

PROJECT ID
122048

SHEET P.64 | TOTAL P.421

HAM-IR 75-1.05

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OFFICE CALCS					P.250		P.333			01/IMS	02/IMS	03/IMS						
																	STRUCTURE OVER 20 FOOT SPAN (HAM-75-0104) (SFN 3109098) (CONTINUED)	
					728						728		SPECIAL	53013000	728	SF	FORM LINER: STRUCTURES: SCREEN WALLS 4 MOVED FROM SHEET P. 64	P.248A
					LS						LS		SPECIAL	53014000	LS		STRUCTURAL SURVEY AND MONITORING OF VIBRATION	P.246
					69						69		601	21001	69	SY	CONCRETE SLOPE PROTECTION, AS PER PLAN	P.262
					500						500		605	13301	500	FT	6" UNCLASSIFIED PIPE UNDERDRAINS, AS PER PLAN	P.246
					20						20		605	98300	20	EACH	UNDERDRAINS, MISC.: CLEANOUT	P.314
					4						4		605	98300	4	EACH	UNDERDRAINS, MISC.: DRAINAGE OUTLET AT ABUTMENT	P.314
					2						2		605	98300	2	EACH	UNDERDRAINS, MISC.: DRAINAGE OUTLET AT PIER 1	P.314
					384						384		608	40001	384	FT	CONCRETE STEPS, TYPE A, AS PER PLAN	P.267
					284						284		659	00301	284	CY	TOPSOIL, AS PER PLAN	P.248
					21						21		661	00500	21	CY	MULCH	
					2						2		SPECIAL	69098000	2	EACH	BRIDGE PILASTER LETTERS	P.248
					2						2		SPECIAL	69098000	2	EACH	BRIDGE PILASTER STORY PANELS	P.248A
					48						48		SPECIAL	69098000	48	EACH	PLANTER POTS	P.247
					6,010						6,010		840	20000	6,010	SF	MECHANICALLY STABILIZED EARTH WALL	
					3,033						3,033		840	21000	3,033	CY	WALL EXCAVATION	
					717						717		840	22000	717	SY	FOUNDATION PREPARATION	
					3,283						3,283		840	23000	3,283	CY	SELECT GRANULAR BACKFILL	
					665						665		840	25010	665	FT	6" DRAINAGE PIPE, PERFORATED	
					60						60		840	25020	60	FT	6" DRAINAGE PIPE, NON-PERFORATED	
					420						420		840	26000	420	FT	CONCRETE COPING	
					2,812						2,812		840	26050	2,812	SF	AESTHETIC SURFACE TREATMENT	P.245
					5						5		840	27000	5	DAY	ON-SITE ASSISTANCE	
					LS						LS		840	28000	LS		SGB INSPECTION AND COMPACTION TESTING	
																	STRUCTURE OVER 20 FOOT SPAN (HAM-75-0123E) (SFN 3109152)	
							LS					LS	202	11002	LS		STRUCTURE REMOVED, OVER 20 FOOT SPAN	
							LS				LS		503	11100	LS		COFFERDAMS AND EXCAVATION BRACING	
							LS				LS		503	21300	LS		UNCLASSIFIED EXCAVATION	
							LS				LS		505	11100	LS		PILE DRIVING EQUIPMENT MOBILIZATION	
							420				420		507	00501	420	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN, AS PER PLAN	P.332
							450				450		507	00550	450	FT	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED	
							7,757				7,757		509	26000	7,757	LB	GALVANIZED STEEL REINFORCEMENT	
							16				16		511	31611	16	CY	CLASS QC2 CONCRETE, SUPERSTRUCTURE, AS PER PLAN	P.332
							10				10		511	34448	10	CY	CLASS QC2 CONCRETE, BRIDGE DECK (PARAPET)	
							41				41		511	43510	41	CY	CLASS QC1 CONCRETE, ABUTMENT INCLUDING FOOTING	
							470				470		512	10001	470	SY	SEALING OF CONCRETE SURFACES, AS PER PLAN	P.332
							3				3		512	33000	3	SY	TYPE 2 WATERPROOFING	
							3				3		515	12040	3	EACH	PRESTRESSED CONCRETE COMPOSITE BOX BEAM BRIDGE MEMBERS, LEVEL 1, CB21-36 (62'-9" Long)	
							33				33		516	13200	33	SF	1/2" PREFORMED EXPANSION JOINT FILLER	
							32				32		516	13600	32	SF	1" PREFORMED EXPANSION JOINT FILLER	
							23				23		516	13900	23	SF	2" PREFORMED EXPANSION JOINT FILLER	
							28				28		516	14020	28	FT	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL	
							26				26		516	31010	26	FT	2" DEEP JOINT SEALER	
							12				12		516	43100	12	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE) (8.5"x8"x1.564")	
							166				166		517	76300	166	FT	RAILING, MISC.: PEDESTRIAN ADA COMPLIANT RAILING	P.332
							4				4		518	21200	4	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	
							23				23		518	40000	23	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	P.336
							130				130		518	40011	130	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS, AS PER PLAN	P.332
							1				1		523	20000	1	EACH	DYNAMIC LOAD TESTING	
							6				6		601	21000	6	SY	CONCRETE SLOPE PROTECTION	
							131				131		607	39911	131	FT	VANDAL PROTECTION FENCE, 8' STRAIGHT, COATED FABRIC, AS PER PLAN	P.332
							131				131		SPECIAL	60740000	131	FT	VANDAL PROTECTION FENCE, 12' STRAIGHT, COATED FABRIC	P.332
							1,279				1,279		608	13000	1,279	SF	6" CONCRETE WALK	
							470				470		608	98000	470	SF	WALKWAY, MISC.: 10" CONCRETE WALK	P.337
							1				1		625	33000	1	EACH	STRUCTURE GROUNDING SYSTEM	
							3,589				3,589		840	20000	3,589	SF	MECHANICALLY STABILIZED EARTH WALL	
							595				595		840	21000	595	CY	WALL EXCAVATION	
							220				220		840	22000	220	SY	FOUNDATION PREPARATION	
							752				752		840	23000	752	CY	SELECT GRANULAR BACKFILL	
							111				111		840	23050	111	CY	NATURAL SOIL	

GENERAL SUMMARY

HAM-IR 75-1.05

DESIGN AGENCY: STRUCTUREPOINT LLC
DESIGNER: LZS
REVIEWER: KAM 03/03/25
PROJECT ID: 122048
SHEET: P.65 TOTAL: P.421

SHEET NUM.												PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
OFFICE CALCS	P.13	P.15	P.16	P.17	P.18	P.19	P.20	P.21	P.22	P.23	P.333	01/IMS	02/IMS	03/IMS						
																			STRUCTURE OVER 20 FOOT SPAN (HAM-75-0123E) (SFN 3109152) (CONTINUED)	
											298		298		840	25010	298	FT	6" DRAINAGE PIPE, PERFORATED	
											29		29		840	25020	29	FT	6" DRAINAGE PIPE, NON-PERFORATED	
											293		293		840	26000	293	FT	CONCRETE COPING	
											3,589		3,589		840	26050	3,589	SF	AESTHETIC SURFACE TREATMENT	
											5		5		840	27000	5	DAY	ON-SITE ASSISTANCE	
											LS		LS		840	28000	LS		SGB INSPECTION AND COMPACTION TESTING	
																4		4	**MAINTENANCE OF TRAFFIC**	
						600						600			253	02001	600	CY	PAVEMENT REPAIR, AS PER PLAN, PERFORMED IN 2026	P.17
						600						600			253	02001	600	CY	PAVEMENT REPAIR, AS PER PLAN, PERFORMED IN 2027	P.17
						200						200			253	02001	200	CY	PAVEMENT REPAIR, AS PER PLAN, PERFORMED IN 2028	P.17
	535											535			504	11101	535	SF	STEEL SHEET PILING LEFT IN PLACE, AS PER PLAN	P.13
									360			360			607	39994	360	FT	TEMPORARY VANDAL FENCE, TYPE B	
					1,500							1,500			614	11110	1,500	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
								2,270		150		2,420			614	11630	2,420	FT	INCREASED BARRIER DELINEATION	
								5	1	1		7			614	12380	7	EACH	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL)	
			6									6			614	12410	6	EACH	SPEED ZONE AHEAD SYMBOL SIGN	
												LS			614	12420	LS		DETOUR SIGNING	
			12									12			614	12470	12	EACH	WORK ZONE SPEED LIMIT SIGN	
			7									7			614	12484	7	EACH	WORK ZONE INCREASED PENALTIES SIGN	
						10						10			614	12500	10	EACH	REPLACEMENT SIGN	
						100	4					100			614	12600	100	EACH	REPLACEMENT DRUM	
								1,594				1,594			614	12801	1,594	EACH	WORK ZONE RAISED PAVEMENT MARKER, AS PER PLAN	P.15
								44	13	3		60			614	13310	60	EACH	BARRIER REFLECTOR, TYPE 1, 1-WAY	
									9			9			614	13310	9	EACH	BARRIER REFLECTOR, TYPE 1, 2-WAY	
								44	13	3		60			614	13350	60	EACH	OBJECT MARKER, ONE WAY	
									9			9			614	13360	9	EACH	OBJECT MARKER, TWO WAY	
						1,400						1,400			614	18030	1,400	FT	MAINTAINING TRAFFIC, MISC.:, RUMBLE STRIP MILLED/FILLED	P.17
				90								90			614	18601	90	SNMT	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	P.15
										2		2			614	20056	2	MILE	WORK ZONE LANE LINE, CLASS I, 6", 807 PAINT	
								2.74		0.8		3.54			614	22056	3.54	MILE	WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT	
									1.42	0.12		1.54			614	22110	1.54	MILE	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT	
		1.4										1.4			614	22336	1.4	MILE	WORK ZONE EDGE LINE, CLASS I, 6", 648	
								18,622		126		18,748			614	23110	18,748	FT	WORK ZONE CHANNELIZING LINE, CLASS I, 12", 807 PAINT	
									2,126			2,126			614	23210	2,126	FT	WORK ZONE CHANNELIZING LINE, CLASS I, 12", 642 PAINT	
		9,300										9,300			614	23150	9,300	FT	WORK ZONE CHANNELIZING LINE, CLASS I, 12", 648	
								1,925		902		2,827			614	24102	2,827	FT	WORK ZONE DOTTED LINE, CLASS I, 6", 807 PAINT	
		690										690			614	24142	690	FT	WORK ZONE DOTTED LINE, CLASS I, 6", 648	
									623	403		1,026			614	24202	1,026	FT	WORK ZONE DOTTED LINE, CLASS I, 6", 642 PAINT	
								507				507			614	25000	507	FT	WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS I	
								4	14			18			614	30200	18	EACH	WORK ZONE ARROW, CLASS I, 642 PAINT	
												LS			615	10000	LS		ROADS FOR MAINTAINING TRAFFIC	
									4 537			537	4		615	20000	537	4 SY	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A	
		8										8			616	10000	8	MGAL	WATER	
								1,820	650			2,470			622	41100	2,470	FT	PORTABLE BARRIER, UNANCHORED	
										250		250			622	41101	250	FT	PORTABLE BARRIER, UNANCHORED, AS PER PLAN	P.19
								450	450	150		1,050			622	41110	1,050	FT	PORTABLE BARRIER, ANCHORED	
				12								12			829	00100	12	SNMT	WORK ZONE EGRESS WARNING SYSTEM	
				84								84			896	00010	84	SNMT	PORTABLE NON-INTRUSIVE TRAFFIC SENSOR, CLASS I	
				12								12			896	00021	12	SNMT	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	P.15
																			INCIDENTALS	
LS												LS			108	XXXXX	LS		CPM PROGRESS SCHEDULE, AS PER PLAN	P.13A
LS												LS			614	11000	LS		MAINTAINING TRAFFIC	
1												1			619	XXXXX	1	MNTH	FIELD OFFICE, AS PER PLAN	P.13A
LS												LS			623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING	
LS												LS			624	10000	LS		MOBILIZATION	

GENERAL SUMMARY

HAM-IR 75-1.05

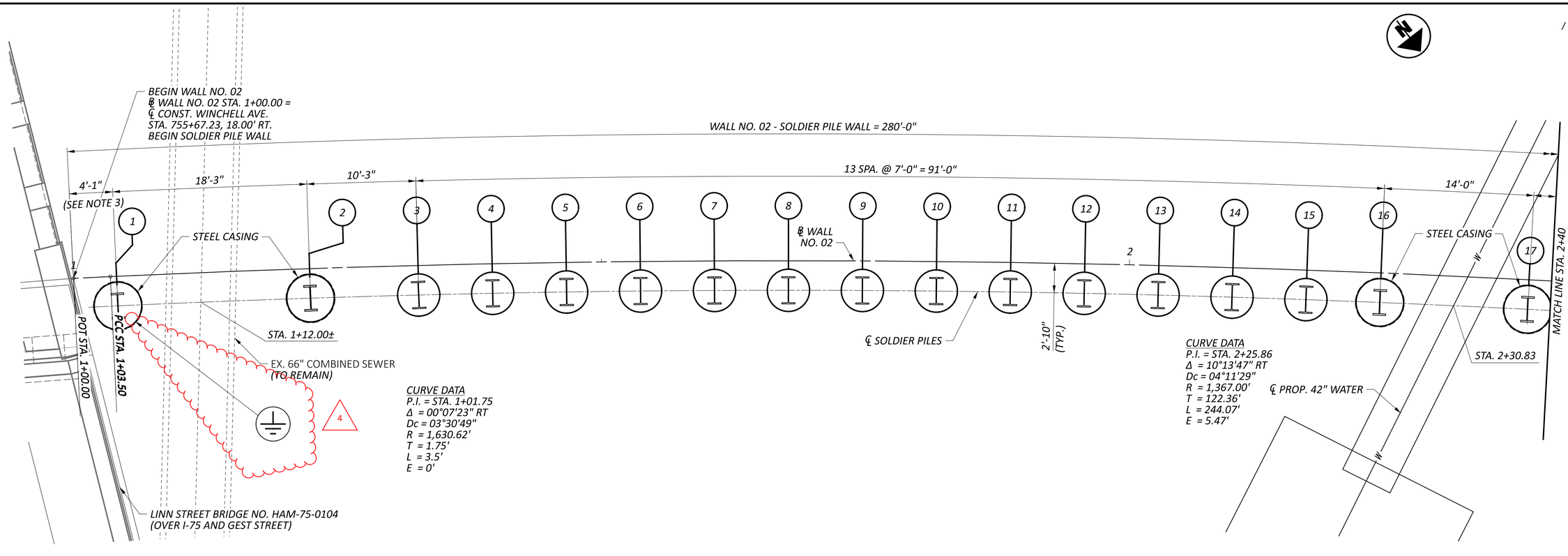
DESIGN AGENCY: STRUCTUREPOINT LLC

DESIGNER: LZS

REVIEWER: KAM 03/03/25

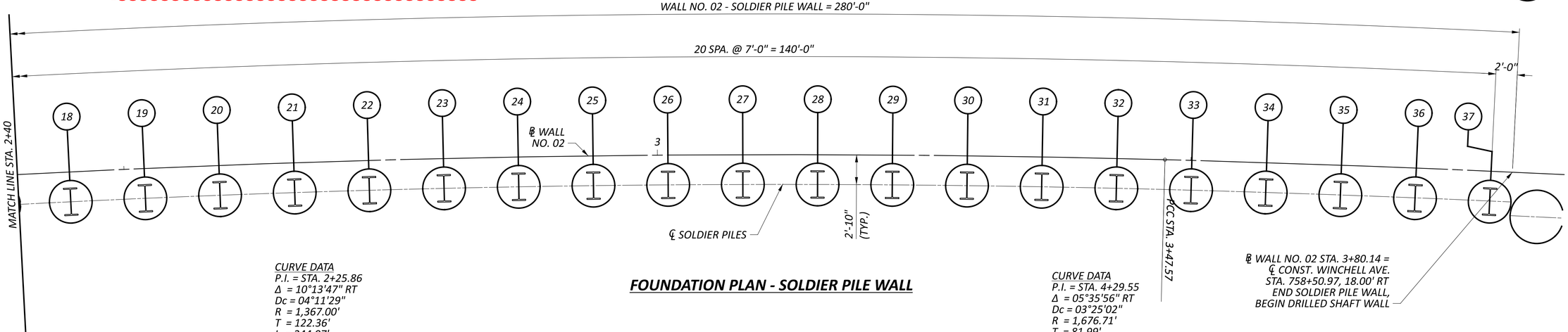
PROJECT ID: 122048

SHEET P.66 TOTAL P.344



LEGEND

VPF GROUND WIRE TO BE INSTALLED PER HL-50.21. GROUND WIRE TO BE ATTACHED TO SOLDIER PILE. SEE SHEET 18/29 AND 26/29 FOR ADDITIONAL DETAILS. SEE LIGHTING PLANS FOR QUANTITY.



FOUNDATION PLAN - SOLDIER PILE WALL

NOTES

1. ALL DIMENSIONS REFERENCE ℄ SOLDIER PILES.
2. SEE SHEETS 10/29 FOR LOCATION AND ELEVATION TABLES.
3. TEMPORARY SUPPORT OR EXCAVATION BETWEEN PILE 1 AND THE FORWARD ABUTMENT OF THE LINN STREET BRIDGE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE ASSOCIATED LABOR AND MATERIALS SHALL BE INCLUDED IN ITEM 503, COFFERDAM AND EXCAVATION BRACING, AS PER PLAN.

FOUNDATION PLAN - SOLDIER PILE WALL RETAINING WALL NO. 02 ALONG WINCHELL AVE.

DESIGN AGENCY
Palmer ENGINEERING
8350 E. KEMPER ROAD
SUITE B
CINCINNATI, OH 45249
(513) 469-1600

DESIGNER RJB
REVIEWER BJF 04/10/25
PROJECT ID 122048
SUBSET 7 | TOTAL 29
SHEET P.170 | TOTAL P.421

HAM-IR75-1.05

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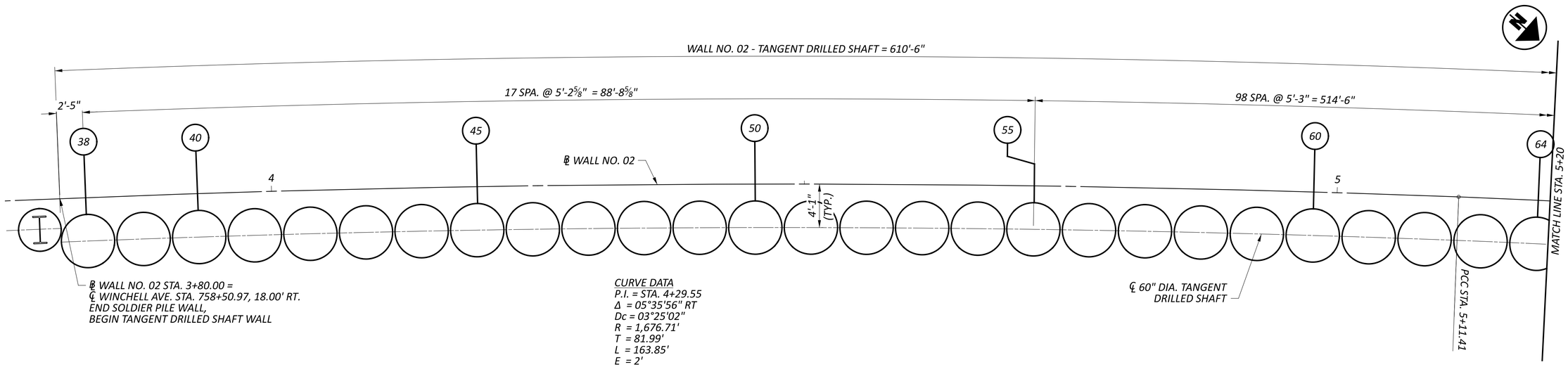

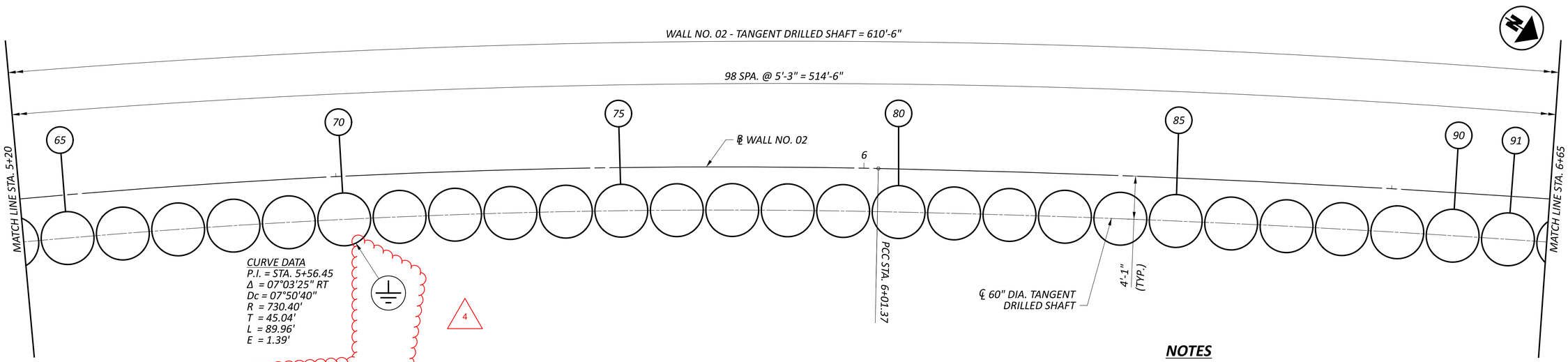

NOTES

1. ALL DIMENSIONS REFERENCE ℄ DRILLED SHAFTS.
2. SEE SHEETS 11/29 FOR LOCATION AND ELEVATION TABLES.

LEGEND

VPF GROUND WIRE TO BE INSTALLED TO PLATE ELECTRODE PER PER HL-50.21. SEE SHEET 20/29 AND 26/29 FOR ADDITIONAL DETAILS. SEE LIGHTING PLANS FOR QUANTITY.

FOUNDATION PLAN - TANGENT DRILLED SHAFT

FOUNDATION PLAN - DRILLED SHAFT TANGENT WALL 1 OF 2
RETAINING WALL NO. 02 ALONG WINCHELL AVE.

DESIGN AGENCY
Palmer ENGINEERING
8350 E. KEMPER ROAD
SUITE B
CINCINNATI, OH 45249
(513) 469-1600

DESIGNER RJB
REVIEWER BJF 04/10/25
PROJECT ID 122048
SUBSET 8 TOTAL 29
SHEET P.171 TOTAL P.421

HAM-IR75-1.05

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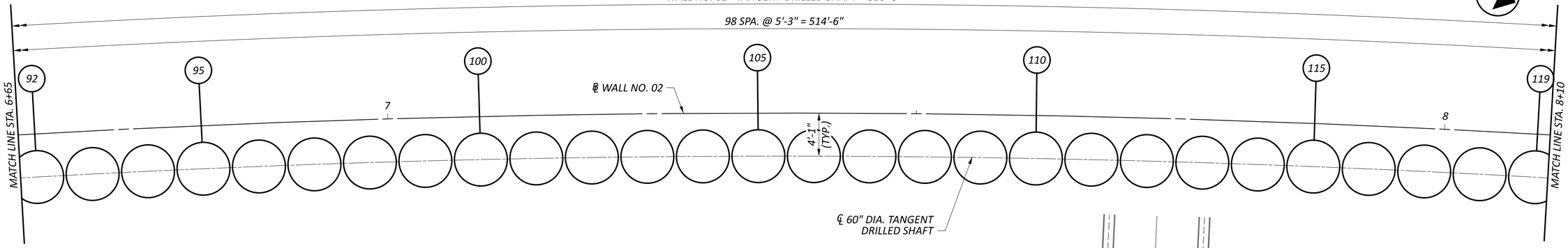

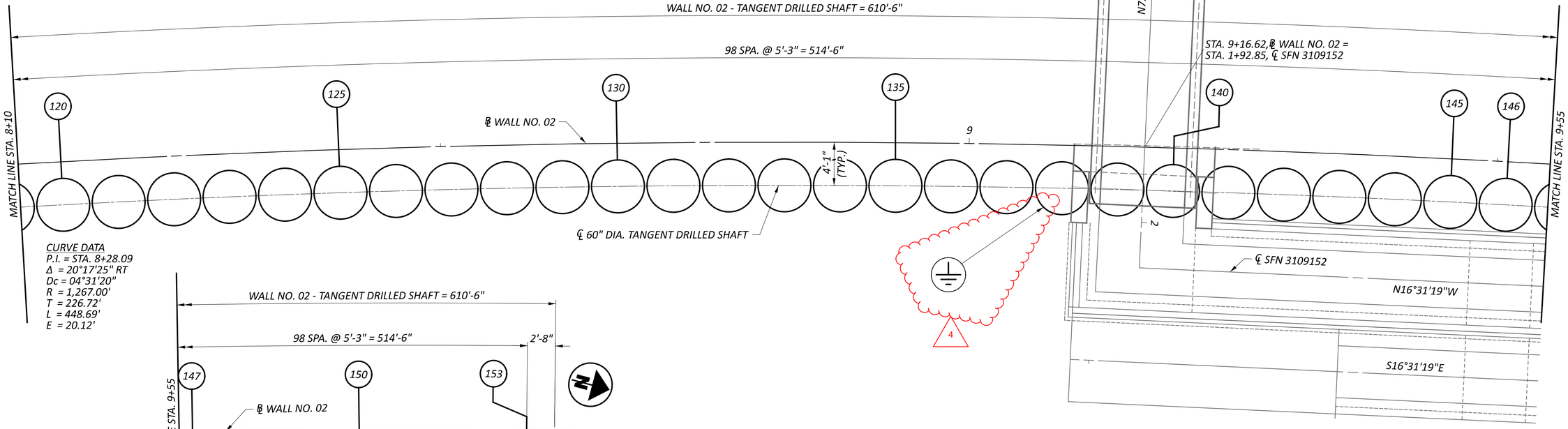

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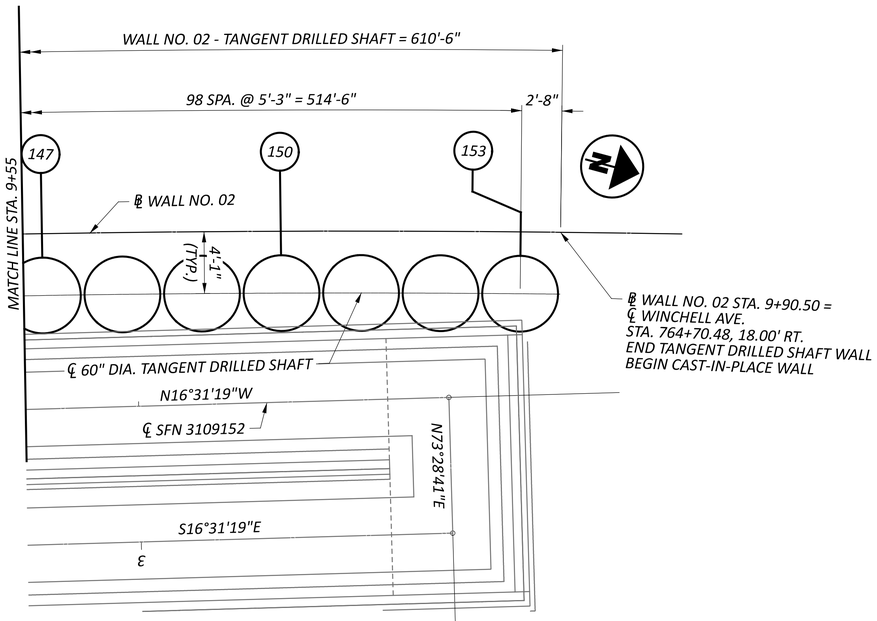
Dc = 04°31'20"
R = 1,267.00'
T = 226.72'
L = 448.69'
E = 20.12'



LEGEND

4 — *VPF GROUND WIRE TO BE INSTALLED TO PLATE ELECTRODE PER PER HL-50.21. SEE SHEET 20/29 AND 26/29 FOR ADDITIONAL DETAILS. SEE LIGHTING PLANS FOR QUANTITY.*

NOTES

1. *ALL DIMENSIONS REFERENCE ℄ DRILLED SHAFTS.*
2. *SEE SHEETS 11/29 FOR LOCATION AND ELEVATION TABLES.*

FOUNDATION PLAN - TANGENT DRILLED SHAFT

FOUNDATION PLAN - DRILLED SHAFT TANGENT WALL 2 OF 2
RETAINING WALL NO. 02 ALONG WINCHELL AVE.

HAM-IR75-1.05

DESIGN AGENCY
Palmer ENGINEERING
8350 E. KEMPER ROAD
SUITE B
CINCINNATI, OH 45249
(513) 469-1600

DESIGNER	RJB
REVIEWER	BJF 04/10/25
PROJECT ID	122048
SUBSET / TOTAL	9 / 29
SHEET / TOTAL	P.172 / P.421

MODEL: BLP_WALL4 - Tangent_Drilled_Shaft-Wall_2-3 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 9/18/2025 TIME: 3:27:34 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: swalker@palmernet.com WORKSPACE: OHDOTCEv02 WORKSET: 122048 PRODUCT: OpenRoadsDesigner 24.00.00.205
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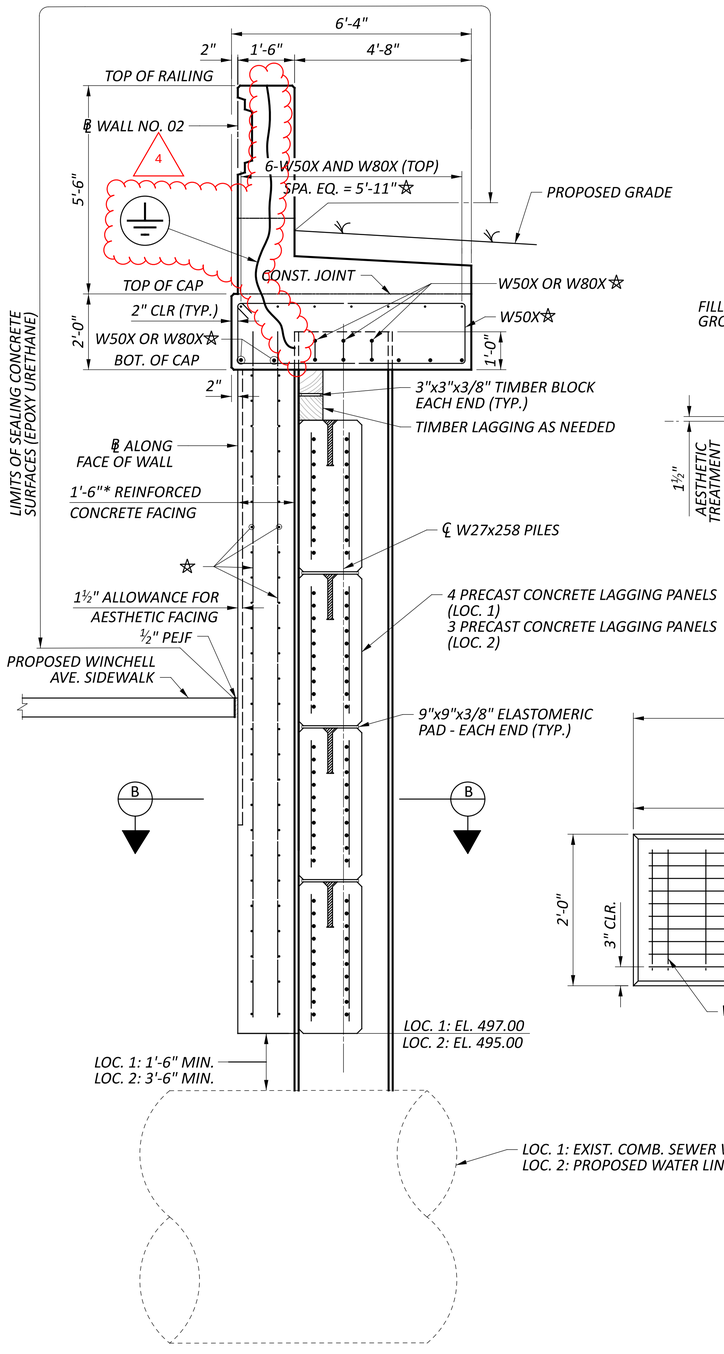
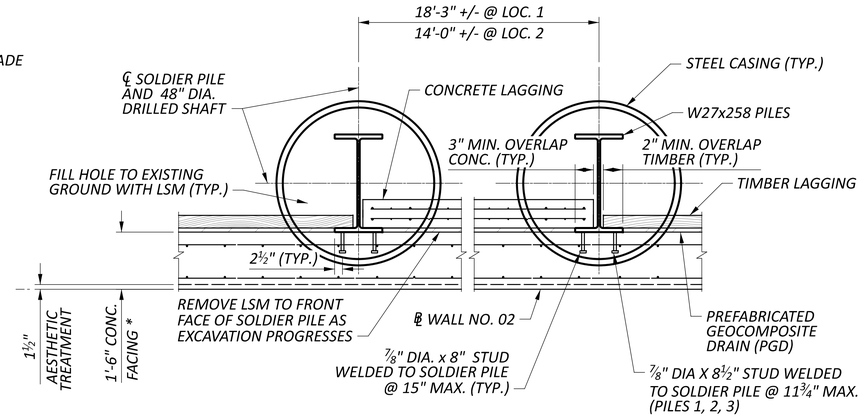


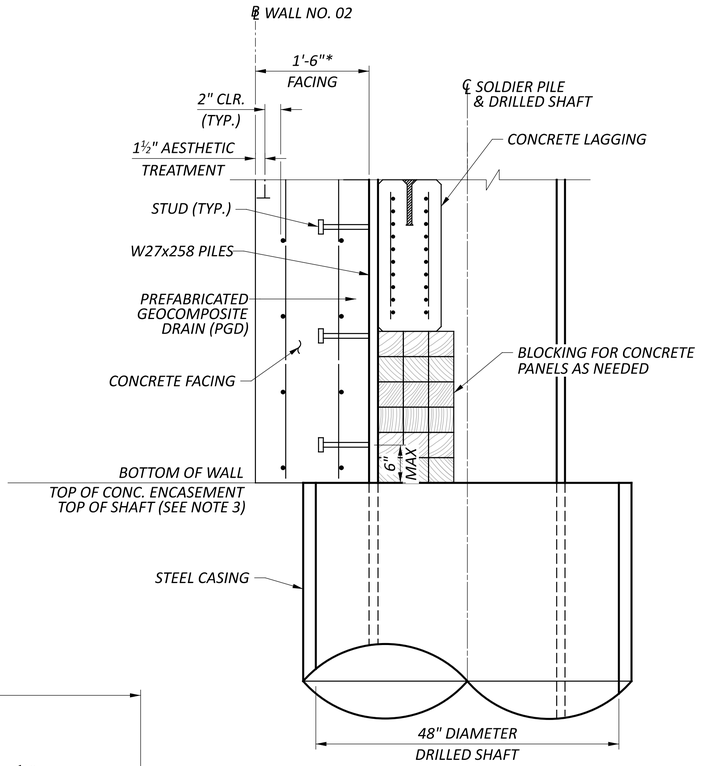
WALL SECTION

LOCATION 1: STA. 1+04.08 TO STA. 1+22.37
LOCATION 2: STA. 2+23.83 TO STA. 2+37.86
VPF NOT SHOWN FOR CLARITY



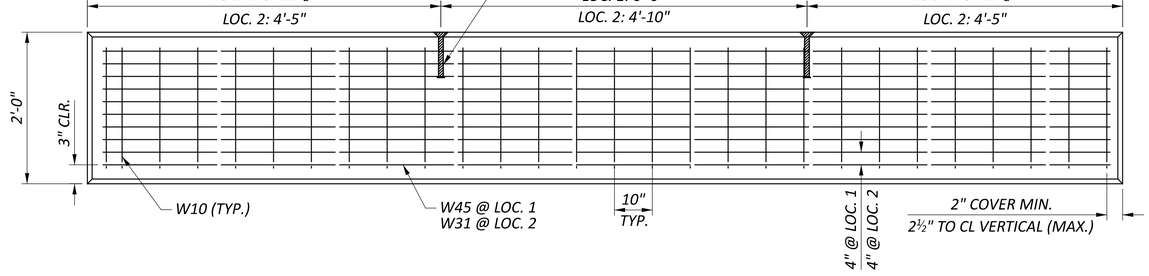
SECTION B-B

PILES 1, 2, 16, & 17

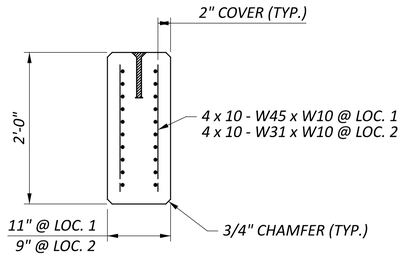


BLOCKING DETAIL AT TOP OF SHAFT

PILES 1 & 2



PRECAST CONCRETE LAGGING ELEVATION



PRECAST CONCRETE LAGGING SECTION

LEGEND

☆ REFER TO WALL ELEVATION VIEWS FOR BAR MARKS

Δ BASED ON ACCURATE PLACE OF PILES. ADJUSTMENTS SHOULD BE MADE TO THE LAGGING IF PILE SPACING PROHIBITS 3" OF BEARING ON FLANGE

* THE OUTSIDE CONCRETE WALL FACING SHALL BE CONSTRUCTED PLUMB WITH ℄ WALL NO. 02

4 VPF GROUND WIRE TO BE INSTALLED AT SOLDIER PILE 1 PER PER HL-50.21. SEE SHEET 26/29 FOR VPF CONNECTION DETAILS. SEE LIGHTING PLANS FOR QUANTITY.

NOTES

1. SEE SHEET 4/29 AND 5/29 FOR GENERAL NOTES.
2. SEE SHEET 12/29 FOR WALL NO. 02 ELEVATION VIEWS AND ADDITIONAL WALL NO. 02 REINFORCING STEEL DETAILS.
3. SEE SHEET 7/29 FOR FOUNDATION PLAN.
4. PRECAST CONCRETE LAGGING SHALL HAVE COMPRESSIVE STRENGTH OF 4.0 KSI AND REINFORCING SHALL BE WELDED WIRE FABRIC GRADE 65, FY 65 KSI EPOXY COATED CONFORMING TO 709.14.
5. SEE SHEET 21/29 FOR MOMENT SLAB REINFORCING
6. SEE SHEETS 23-26/29 FOR RAILING REINFORCEMENT.

SOLDIER PILE WALL DETAILS 1 OF 2
RETAINING WALL NO. 02 ALONG WINCHELL AVE.

DESIGN AGENCY
Palmer ENGINEERING
8350 E. KEMPER ROAD
SUITE B
CINCINNATI, OH 45249
(513) 469-1600

DESIGNER	RJB
REVIEWER	BJF 04/10/25
PROJECT ID	122048
SUBSET	18
TOTAL	29
SHEET	P.182
TOTAL	P.421

HAM-IR75-1.05

MODEL: Sheet 2 PAPERSIZE: 34x22 (in.) DATE: 9/18/2025 TIME: 3:26:12 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: swalker@palmernet.com WORKSPACE: OHDOTCEv02 WORKSET: 122048 PRODUCT: OpenRoadsDesigner 24.00.00.205
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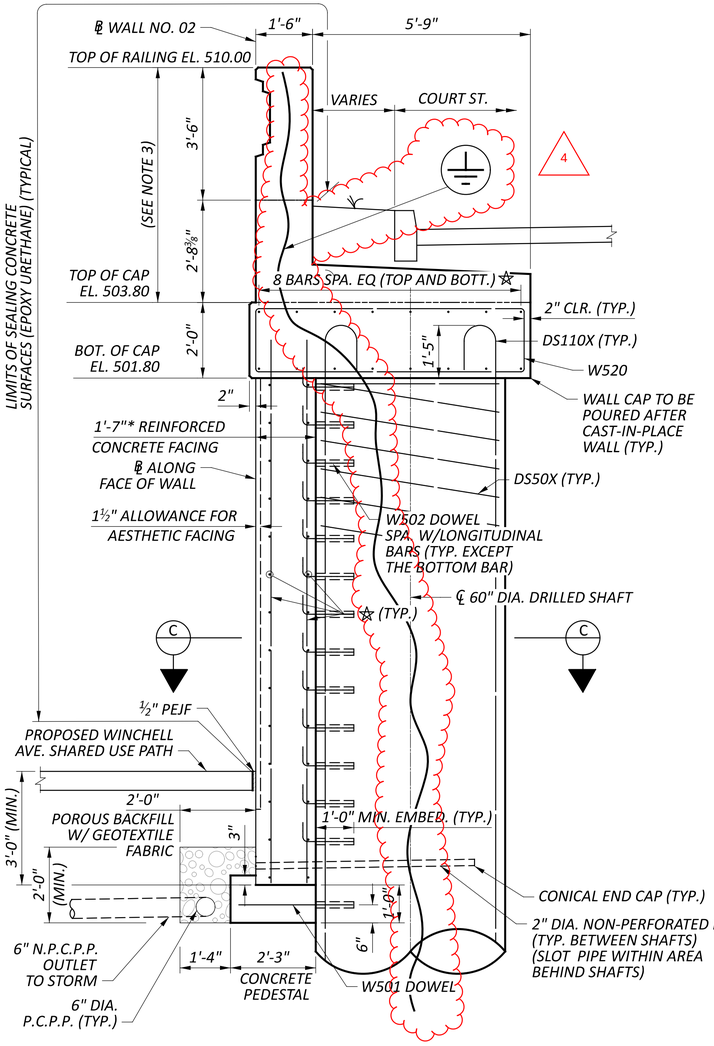
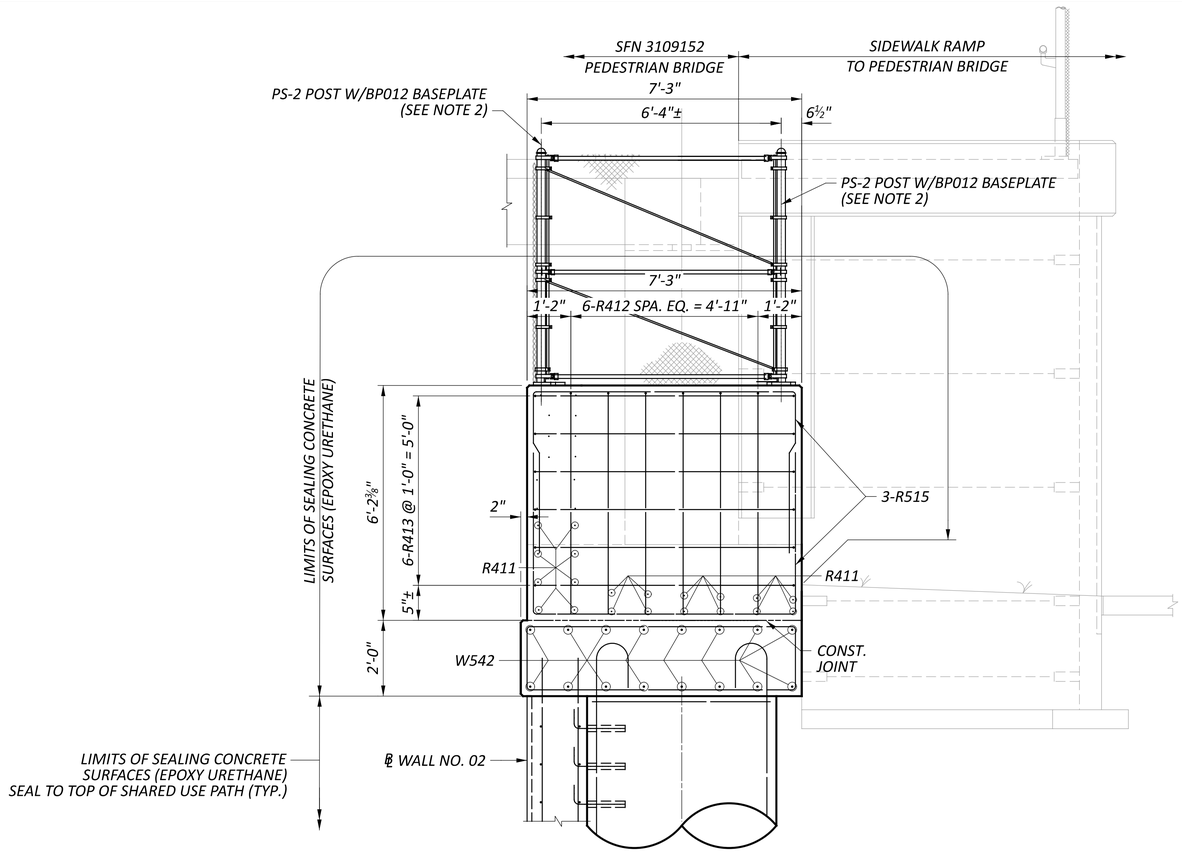


TYPICAL WALL SECTION

STA. 3+80.00 TO STA. 9+10.00
V.P.F. NOT SHOWN FOR CLARITY



WALL SECTION

STA. 9+08.50 TO STA. 9+10.00

LAP LENGTHS

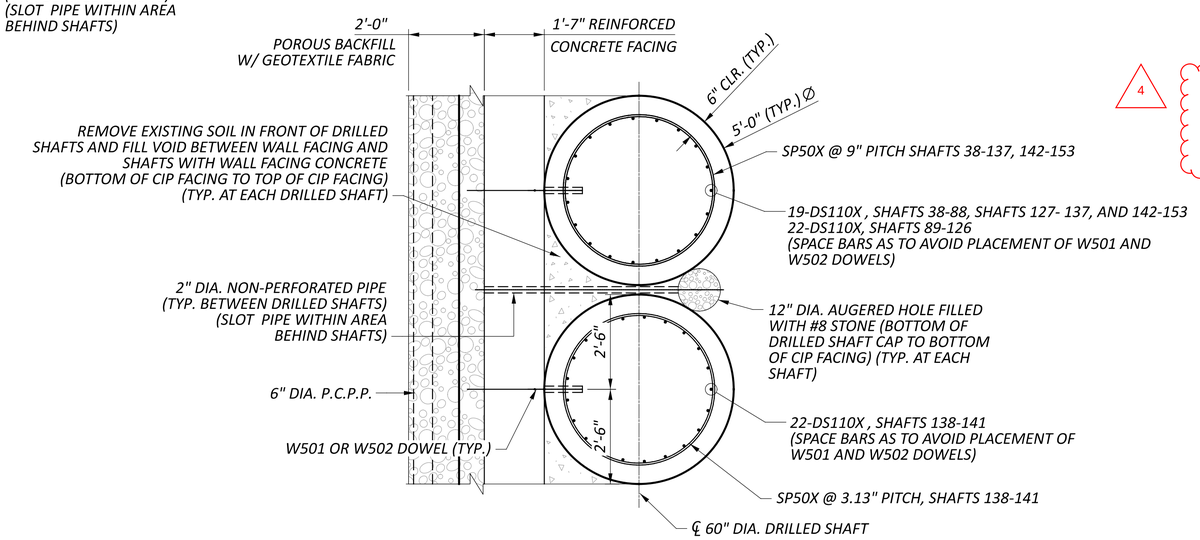
#4 VERTICAL = 1'-11"

LEGEND

☆ REFER TO WALL ELEVATION VIEWS FOR BAR MARKS

∗ THE OUTSIDE CONCRETE WALL FACING SHALL BE CONSTRUCTED PLUMB WITH ℄ WALL NO. 02

4 VPF GROUND WIRE TO BE INSTALLED AT SOLDIER PILES 70 AND 138 PER PER HL-50.21. SEE SHEET 26/29 FOR VPF CONNECTION DETAILS. SEE LIGHTING PLANS FOR QUANTITY.



SECTION C-C

(SEE NOTE 6)

NOTES

1. SEE SHEET 4/29 AND 5/29 FOR GENERAL NOTES.
2. SEE SHEETS 13/29 - 15/29 FOR WALL NO. 02 ELEVATION VIEWS AND ADDITIONAL WALL NO. 02 REINFORCING STEEL DETAILS.
3. SEE SHEETS 21/29 - 27/29 FOR MOMENT SLAB AND RAILING DETAILS.
4. DOWELS TO BE INSTALLED WITH 1'-0" MINIMUM EMBEDMENT PER ITEM 510 - DOWEL HOLE WITH NONSHRINK, NONMETALLIC GROUT.
5. INCLUDE THE CONCRETE PEDESTAL BELOW THE CONCRETE FACING WITH ITEM 511 - CLASS QC1 CONCRETE WITH QC/QA, FOOTING.
6. SEE SHEET 11/29 FOR ADDITIONAL TANGENT DRILLED SHAFT REINFORCEMENT STEEL DETAILS.

TANGENT DRILLED SHAFT WALL DETAILS
RETAINING WALL NO. 02 ALONG WINCHELL AVE.

DESIGN AGENCY
Palmer ENGINEERING
8350 E. KEMPER ROAD
SUITE B
CINCINNATI, OH 45249
(513) 469-1600

DESIGNER RJB
REVIEWER BJF 04/10/25
PROJECT ID 122048
SUBSET 20 TOTAL 29
SHEET P.183 TOTAL P.421

HAM-IR75-1.05

MODEL: Sheet 2 PAPERSIZE: 34x22 (in.) DATE: 9/18/2025 TIME: 3:24:16 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: swalker@palmernet.com WORKSPACE: OHDOTCEv02 WORKSET: 122048 PRODUCT: OpenRoadsDesigner 24.00.00.205
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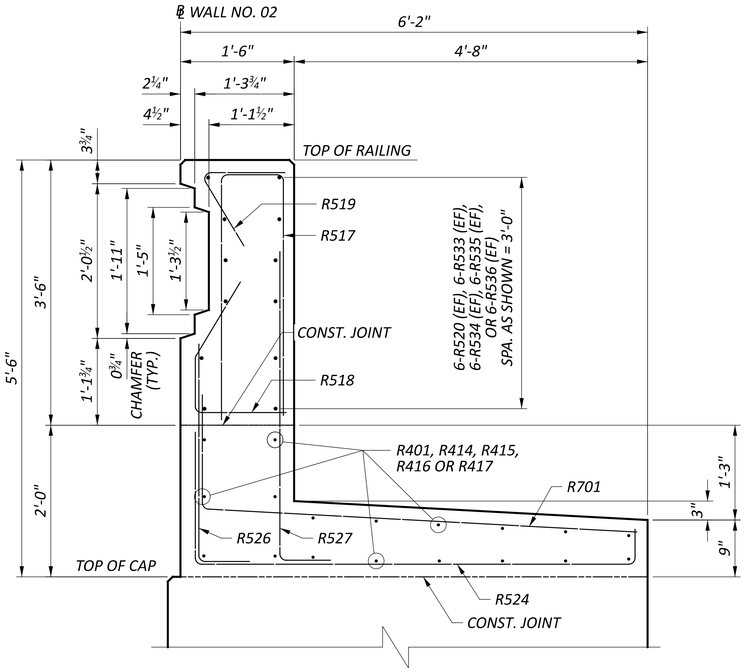
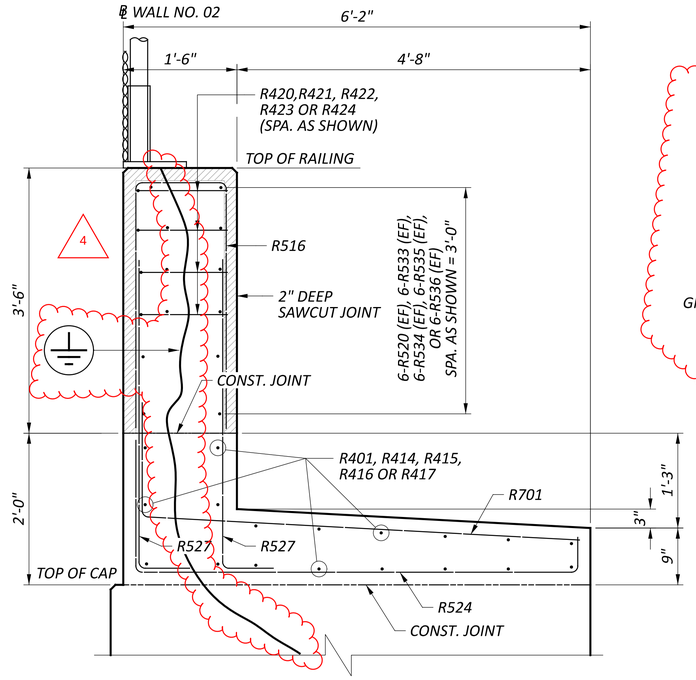
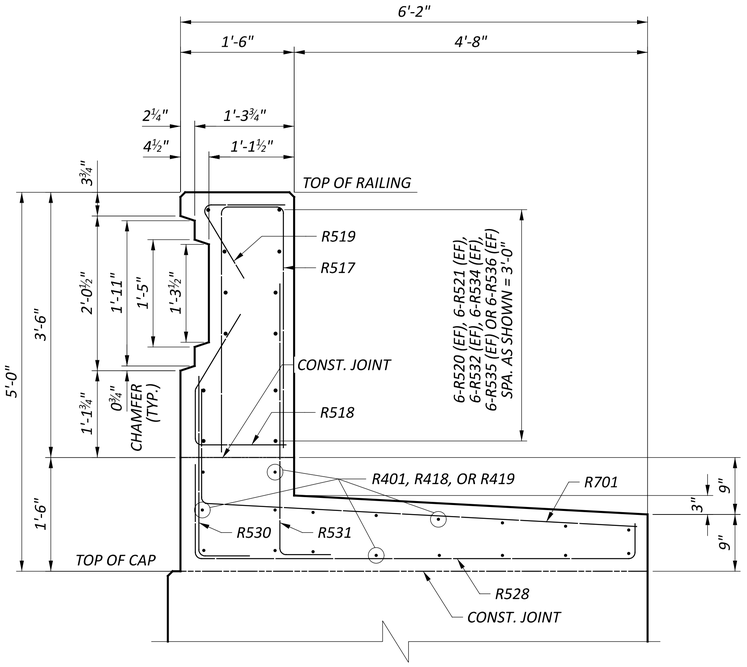


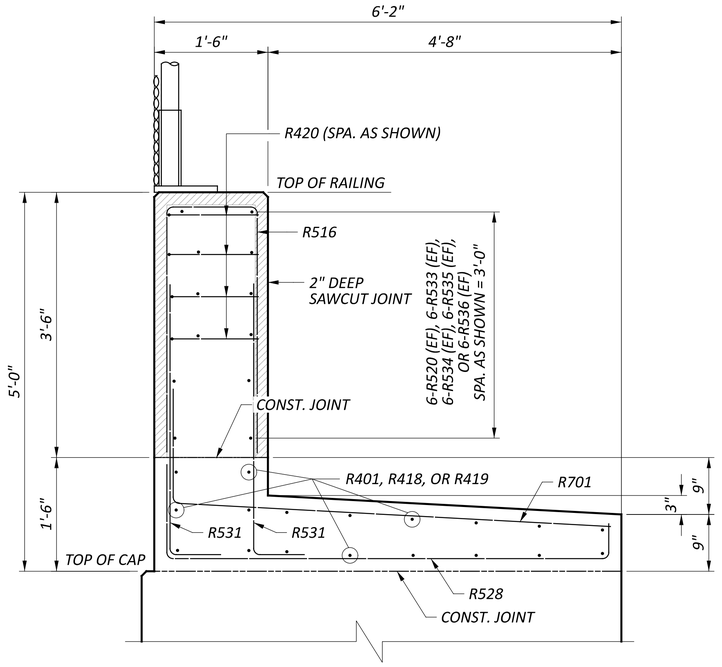
SECTION A-A



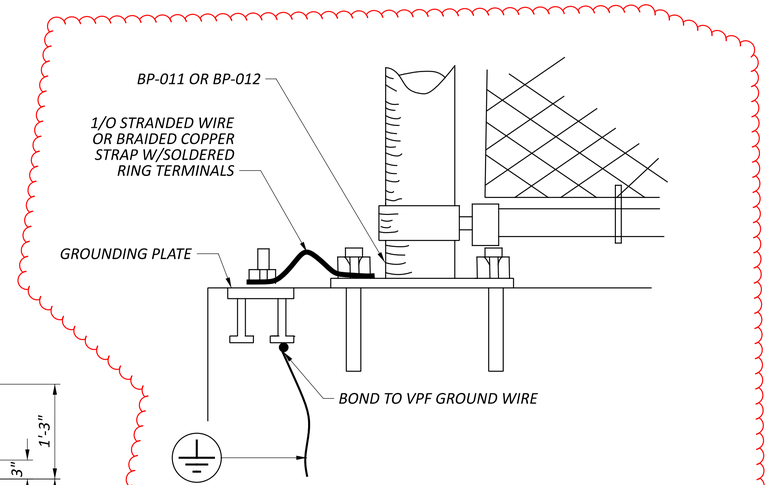
SECTION B-B



SECTION C-C



SECTION D-D



VPF GROUNDING DETAIL

SEE STD. DWG. HL-50.21 FOR ADDITIONAL DETAILS.
SEE LIGHTING PLANS FOR QUANTITY

LEGEND

VPF GROUND WIRE INSTALLED AT SOLDIER PILE 1 AND TANGENT DRILLED SHAFTS 70 AND 138.

4

NOTES

1. *SEE SHEETS 23/29 AND 24/29 FOR RAILING ELEVATION VIEWS AND LONGITUDINAL REINFORCING BAR IDENTIFICATION.*
2. *SEE SHEET 21/29 FOR MOMENT SLAB PLAN AND LONGITUDINAL REINFORCING BAR IDENTIFICATION.*
3. *SEE SHEET 25/29 FOR ADDITIONAL RAILING AND VPF DETAILS.*

MOMENT SLAB AND RAILING DETAILS 1 OF 2
RETAINING WALL NO. 02 ALONG WINCHELL AVE.

DESIGN AGENCY
Palmer ENGINEERING
8350 E. KEMPER ROAD
SUITE B
CINCINNATI, OH 45249
(513) 469-1600

DESIGNER	RJB
REVIEWER	BJF 04/10/25
PROJECT ID	122048
SUBSET	26
TOTAL	29
SHEET	P.189
TOTAL	P.421

HAM-IR75-1.05

MODEL: Sheet 5A PAPERSIZE: 34x22 (in.) DATE: 9/19/2025 TIME: 10:23:57 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: swalker@palmernet.com WORKSPACE: OHDOTCEv02 WORKSET: 122048 PRODUCT: OpenRoadsDesigner 24.00.00.205
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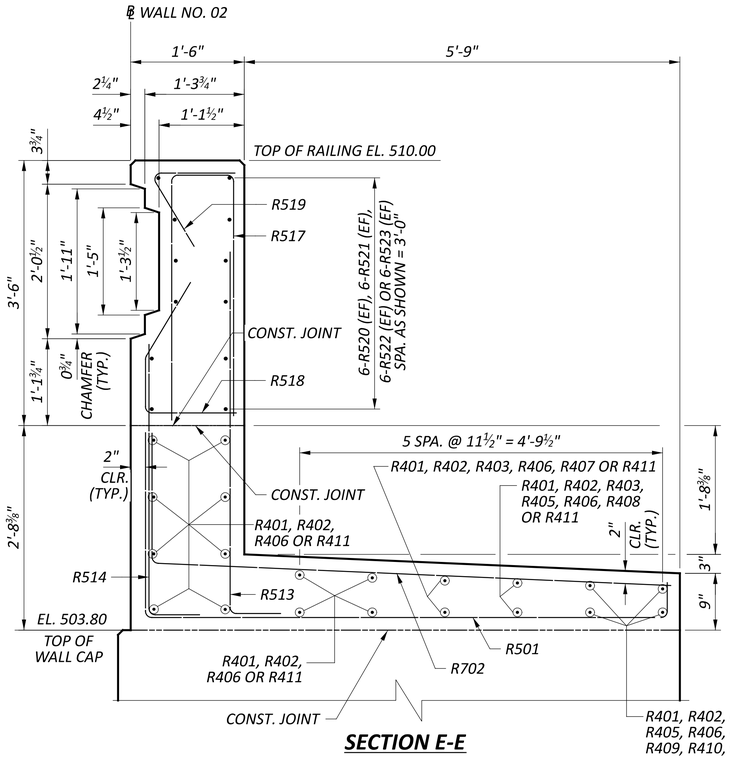
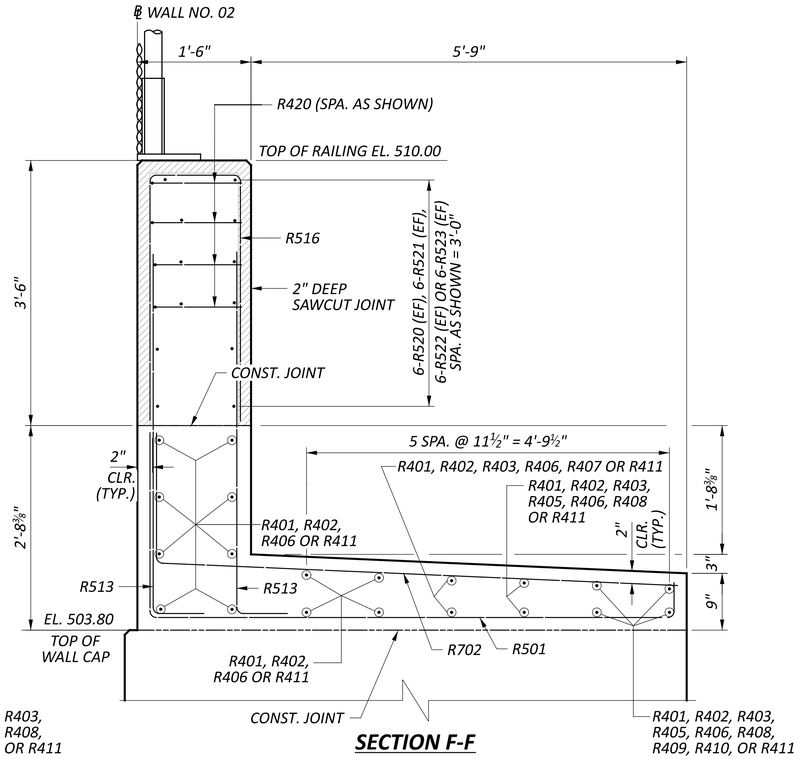


SECTION E-E



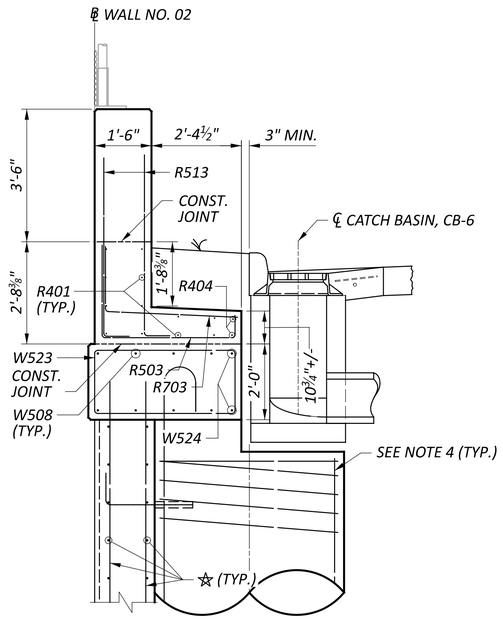
SECTION F-F

NOTES

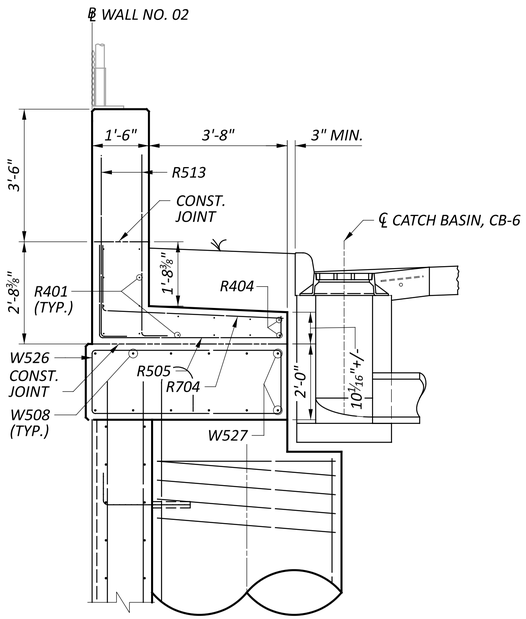
1. SEE SHEETS 4/29 AND 5/29 FOR GENERAL NOTES.
2. SEE SHEET 22/29 FOR MOMENT SLAB DETAILS.
3. SEE SHEET 25/29 FOR RAILING ELEVATION AND ADDITIONAL DETAILS.
4. CUT THE TOP OF DS110X BARS AND REPAIR GALVANIZATION BY 711.02 OR PROVIDE STRAIGHT BARS AS NEEDED TO AVOID CATCH BASIN CUTOUT (TYP.)
5. SEE SHEET 26/29 FOR VPF GROUNDING DETAILS.

LEGEND

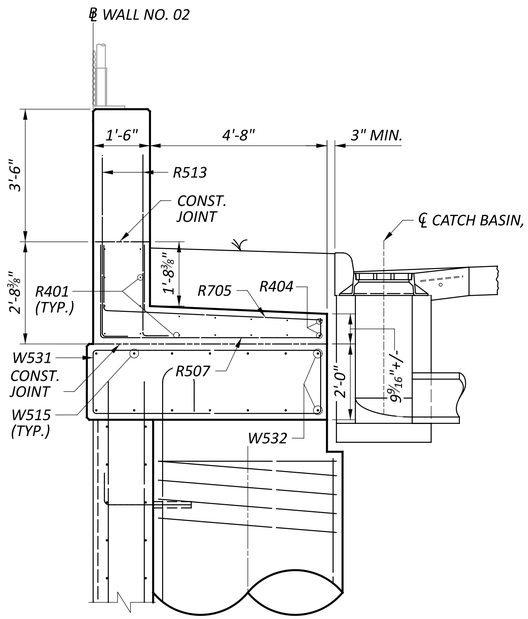
☆ REFER TO WALL ELEVATION VIEWS FOR BAR MARKS



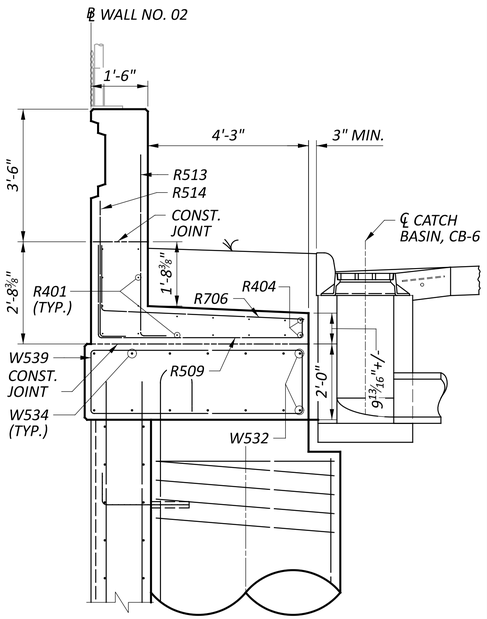
WALL SECTION
@ STA. 4+63.85



WALL SECTION
@ STA. 5+14.15



WALL SECTION
@ STA. 5+80.80



WALL SECTION
@ STA. 6+87.50

MOMENT SLAB AND RAILING DETAILS 2 OF 2
RETAINING WALL NO. 02 ALONG WINCHELL AVE.

DESIGN AGENCY
Palmer ENGINEERING
8350 E. KEMPER ROAD
SUITE B
CINCINNATI, OH 45249
(513) 469-1600

DESIGNER	RJB
REVIEWER	BJF 04/10/25
PROJECT ID	122048
SUBSET / TOTAL	27 / 29
SHEET / TOTAL	P.190 / P.421

HAM-IR75-1.05

MODEL: Sheet 5B PAPERSIZE: 34x22 (in.) DATE: 9/18/2025 TIME: 3:20:30 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: swalker@palmernet.com WORKSPACE: OHDOTCivil02 WORKSET: 122048 PRODUCT: OpenRoadsDesigner 24.00.00.205
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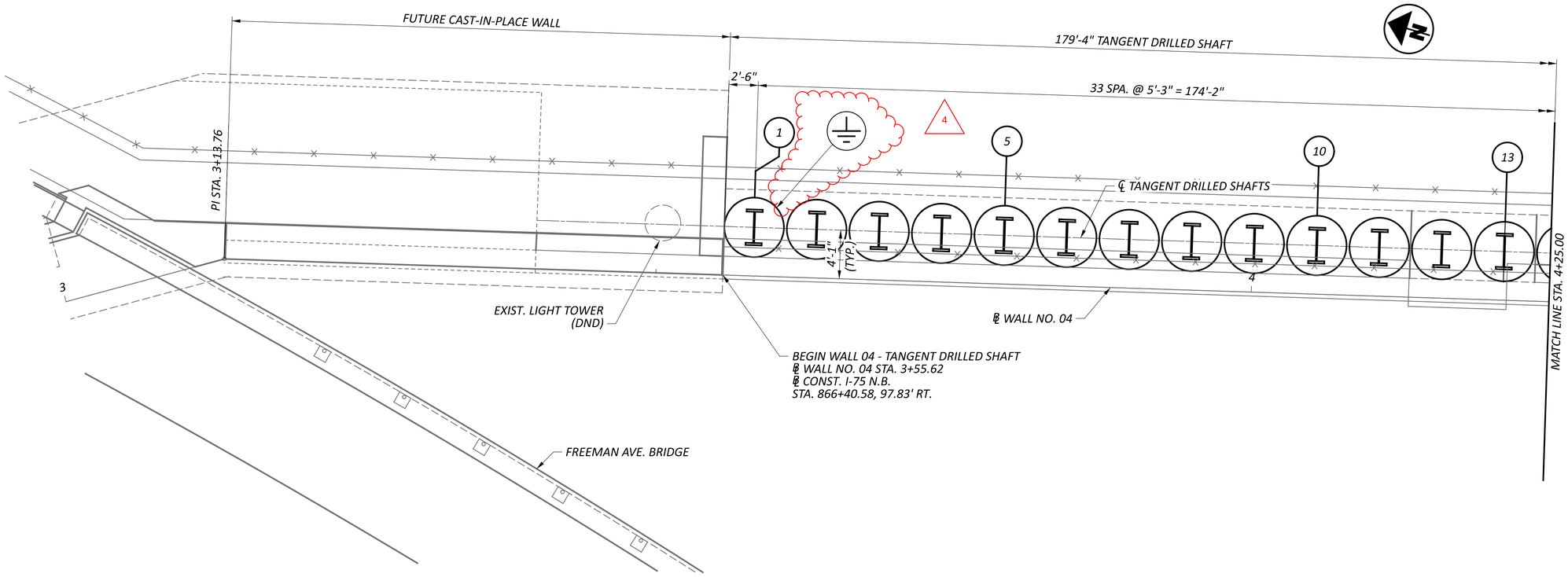

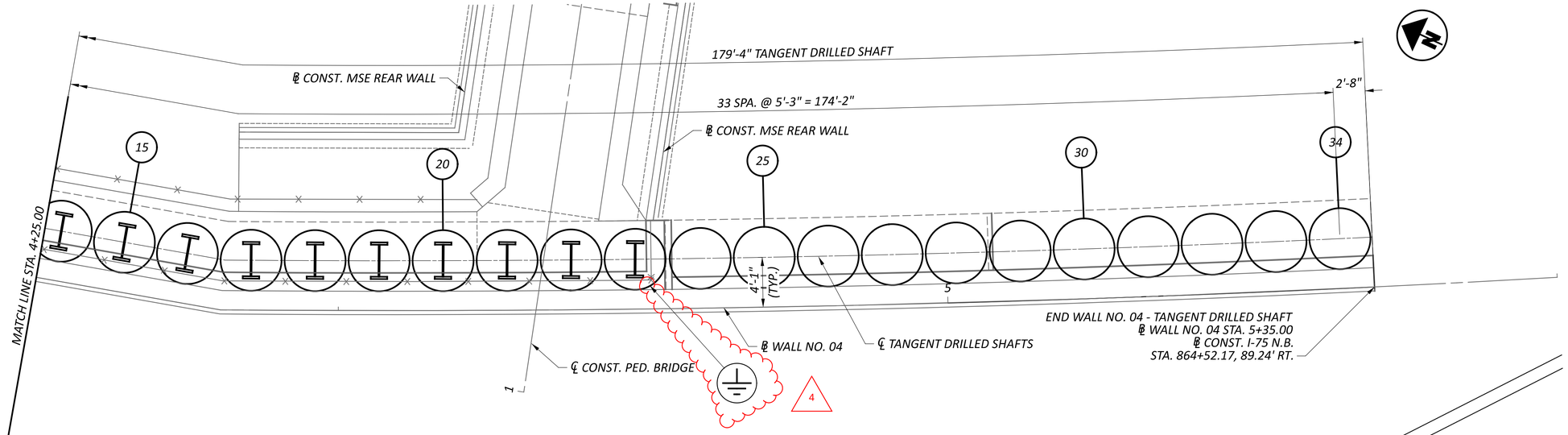

FOUNDATION PLAN - TANGENT DRILLED SHAFT

NOTES

1. SEE SHEET 5/10 FOR ELEVATION TABLE.
2. SEE SHEET 2/10 FOR GENERAL NOTES.

LEGEND

VPF GROUND WIRE TO BE CONNECTED TO SHAFT STEEL CASING PER PER HL-50.21. SEE SHEET 7/10 AND 9/10 FOR ADDITIONAL DETAILS. SEE LIGHTING PLANS FOR QUANTITY.

HORIZONTAL SCALE IN FEET
0 2.5 5 10

FOUNDATION PLAN
RETAINING WALL NO. 04 ALONG I-75 NORTHBOUND

DESIGN AGENCY
Palmer ENGINEERING
8350 E. KEMPER ROAD
SUITE B
CINCINNATI, OH 45249
(513) 469-1600

DESIGNER RJB
REVIEWER BJF 04/12/25
PROJECT ID 112048
SUBSET 4 TOTAL 10
SHEET P.196 TOTAL P. 421

HAM-IR75-1.05

MODEL: BLP_Wall_4-6 - Wall_4-Tangent_Drilled_Shaft-Plan 1 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 9/19/2025 TIME: 10:00:54 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: swalker@palmernet.com WORKSPACE: OHDOTCEv02 WORKSET: 122048 PRODUCT: OpenRoadsDesigner 24.00.00.205
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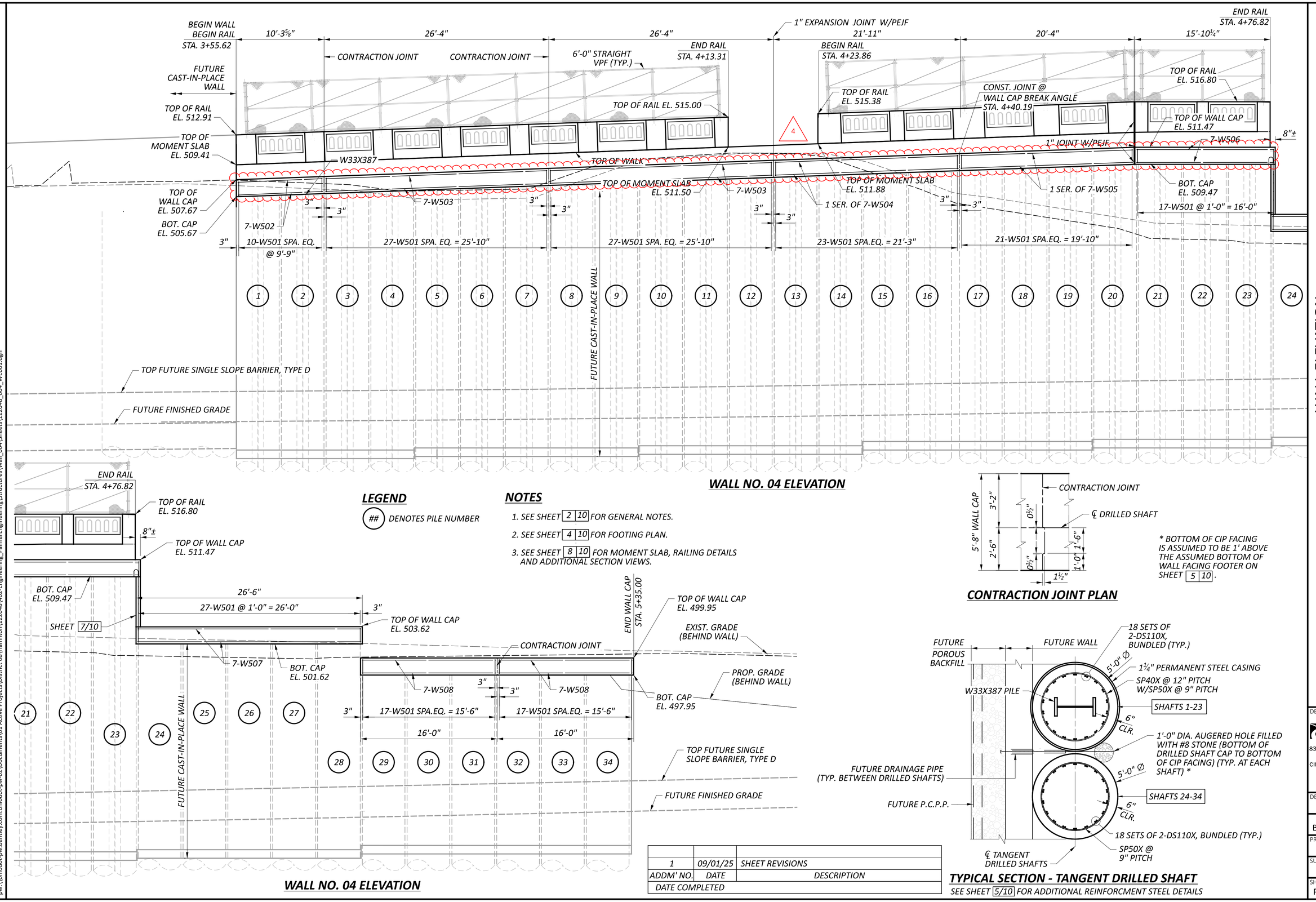

WALL NO. 04 ELEVATION

WALL NO. 04 ELEVATION

LEGEND

(##) DENOTES PILE NUMBER

NOTES

1. SEE SHEET 2 10 FOR GENERAL NOTES.
2. SEE SHEET 4 10 FOR FOOTING PLAN.
3. SEE SHEET 8 10 FOR MOMENT SLAB, RAILING DETAILS AND ADDITIONAL SECTION VIEWS.

* BOTTOM OF CIP FACING IS ASSUMED TO BE 1' ABOVE THE ASSUMED BOTTOM OF WALL FACING FOOTER ON SHEET 5 10.

CONTRACTION JOINT PLAN

TYPICAL SECTION - TANGENT DRILLED SHAFT

SEE SHEET 5/10 FOR ADDITIONAL REINFORCMENT STEEL DETAILS

1	09/01/25	SHEET REVISIONS
ADDM' NO.	DATE	DESCRIPTION
DATE COMPLETED		

WALL ELEVATION
RETAINING WALL NO. 04 ALONG I-75 NORTHBOUND

DESIGN AGENCY
Palmer ENGINEERING
8350 E. KEMPER ROAD
SUITE B
CINCINNATI, OH 45249
(513) 469-1600

DESIGNER RJB
REVIEWER BJF 04/12/25
PROJECT ID 122048
SUBSET 6 TOTAL 10
SHEET P.198 TOTAL P. 421

HAM-IR75-1.05

MODEL: Plan--1 - Wall_4-Tangent_Drilled_Shaft-Plan-1 [Sheet] PAPERSIZE: 34x22 (in.) DATE: 9/19/2025 TIME: 10:47:52 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: swalker@palmernet.com WORKSPACE: OHDOTCEv02 WORKSET: 122048 PRODUCT: OpenRoadsDesigner 24.00.00.205
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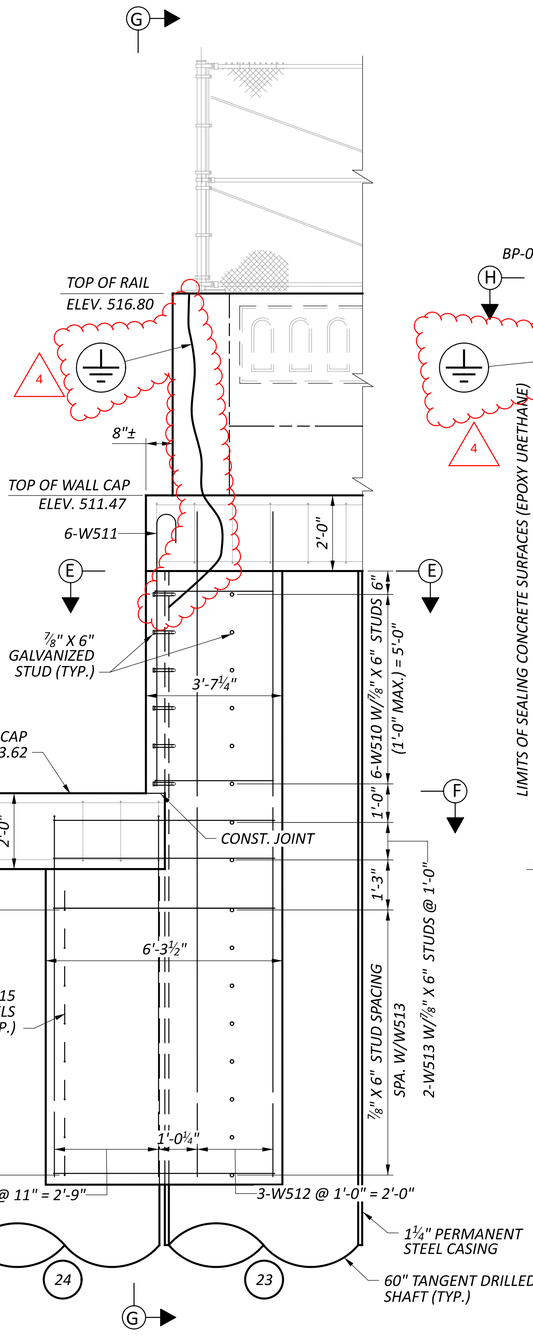
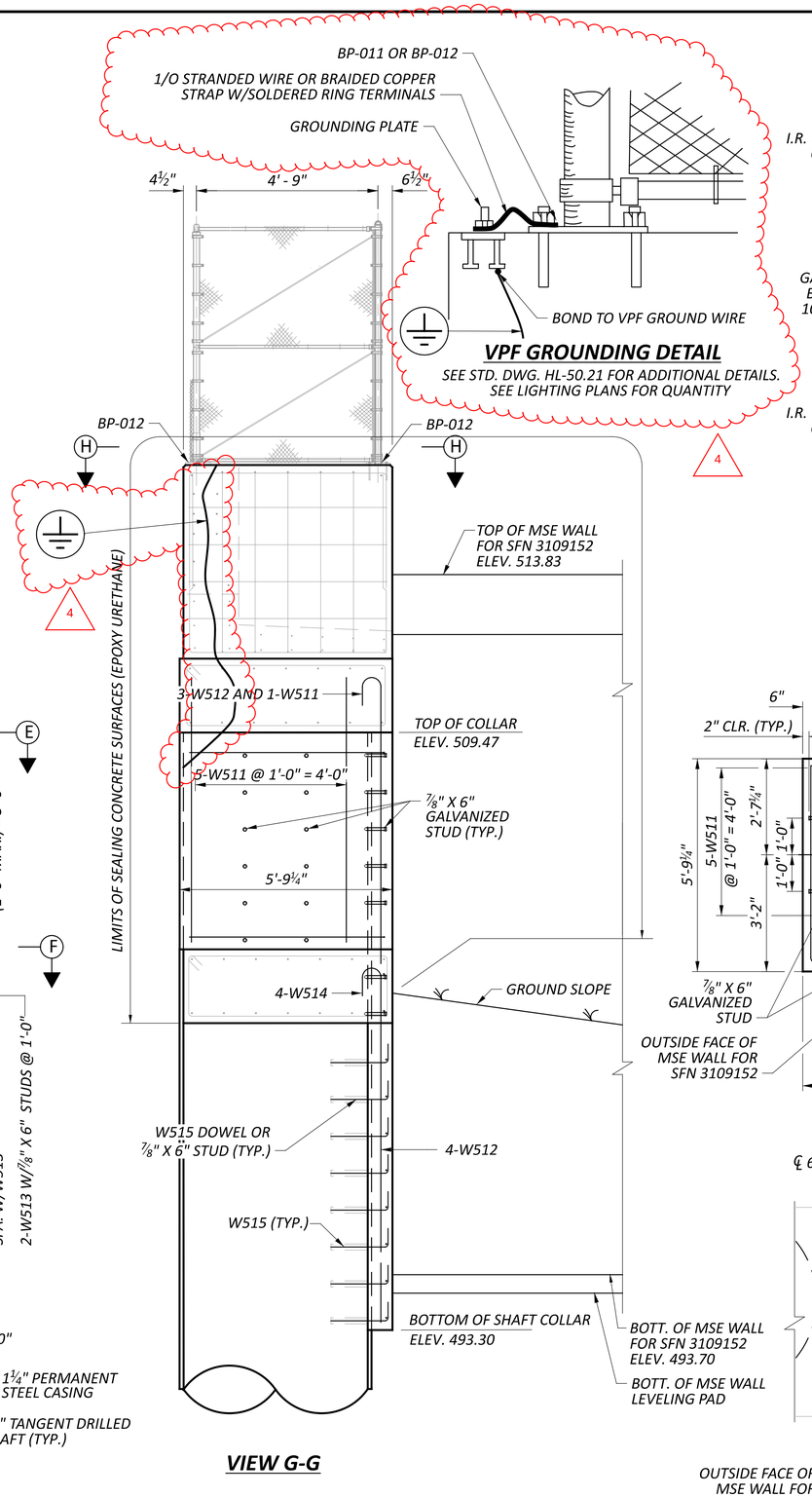
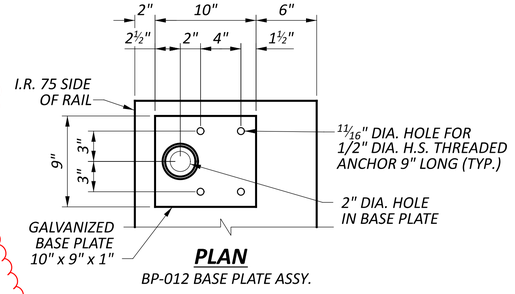


ELEVATION
SHAFT COLLAR

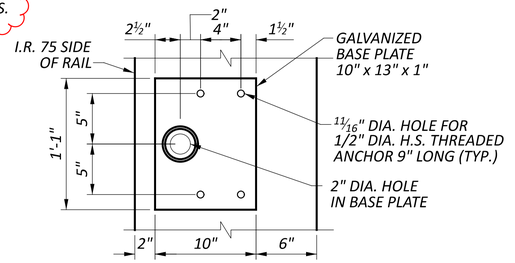


VPF GROUNDING DETAIL
SEE STD. DWG. HL-50.21 FOR ADDITIONAL DETAILS.
SEE LIGHTING PLANS FOR QUANTITY

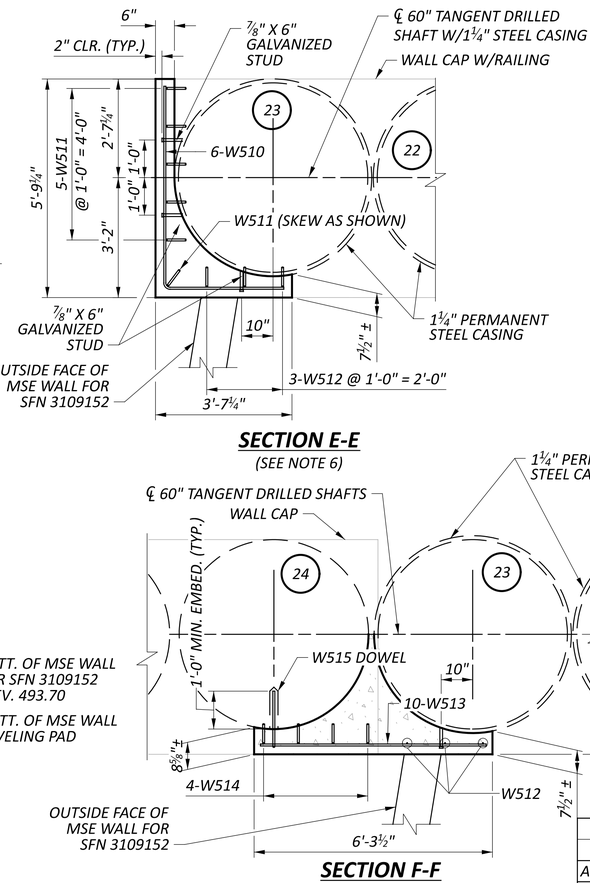
VIEW G-G



PLAN
BP-012 BASE PLATE ASSY.

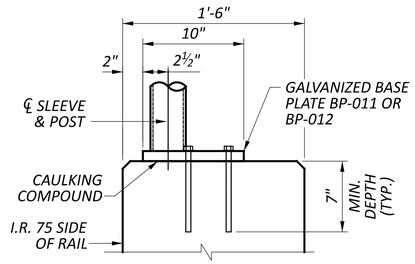


PLAN
BP-011 BASE PLATE ASSY.

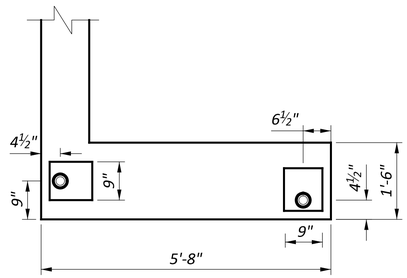


SECTION E-E
(SEE NOTE 6)

SECTION F-F
(SEE NOTE 6)



TYPICAL SECTION
BP-011 AND BP-012
BASE PLATE ASSY.



VIEW H-H
BASEPLATE ORIENTATION
(SEE NOTE 6)

LEGEND

(#) = 60" TANGENT DRILLED SHAFT NUMBER

VPF GROUND WIRE TO BE CONNECTED AT DRILLED SHAFTS 1 AND 23 PER PER HL-50.21. SEE SHEET 4 10 AND 9 10 FOR ADDITIONAL DETAILS. SEE LIGHTING PLANS FOR QUANTITY. (4)

NOTES

1. SEE SHEET 2/10 FOR GENERAL NOTES.
2. SEE SHEET 6/10 FOR WALL 04 ELEVATION.
3. SEE SHEET 8/10 AND 9/10 FOR RAILING DETAILS.
4. SEE STD. DWG. VPF-1-24 FOR ADDITIONAL DETAILS REGARDING THE BASEPLATE, POST SLEEVE, AND APPROVED ADHESIVE ANCHOR BOLT OPTIONS. BASEPLATE SHALL BE 50 KSI GALVANIZED STEEL.
5. 2" MIN. CLEAR COVER TYPICAL OVER STEEL REINFORCEMENT.
6. SEAL EXPOSED CONCRETE SURFACES WITH EPOXY-URETHANE.

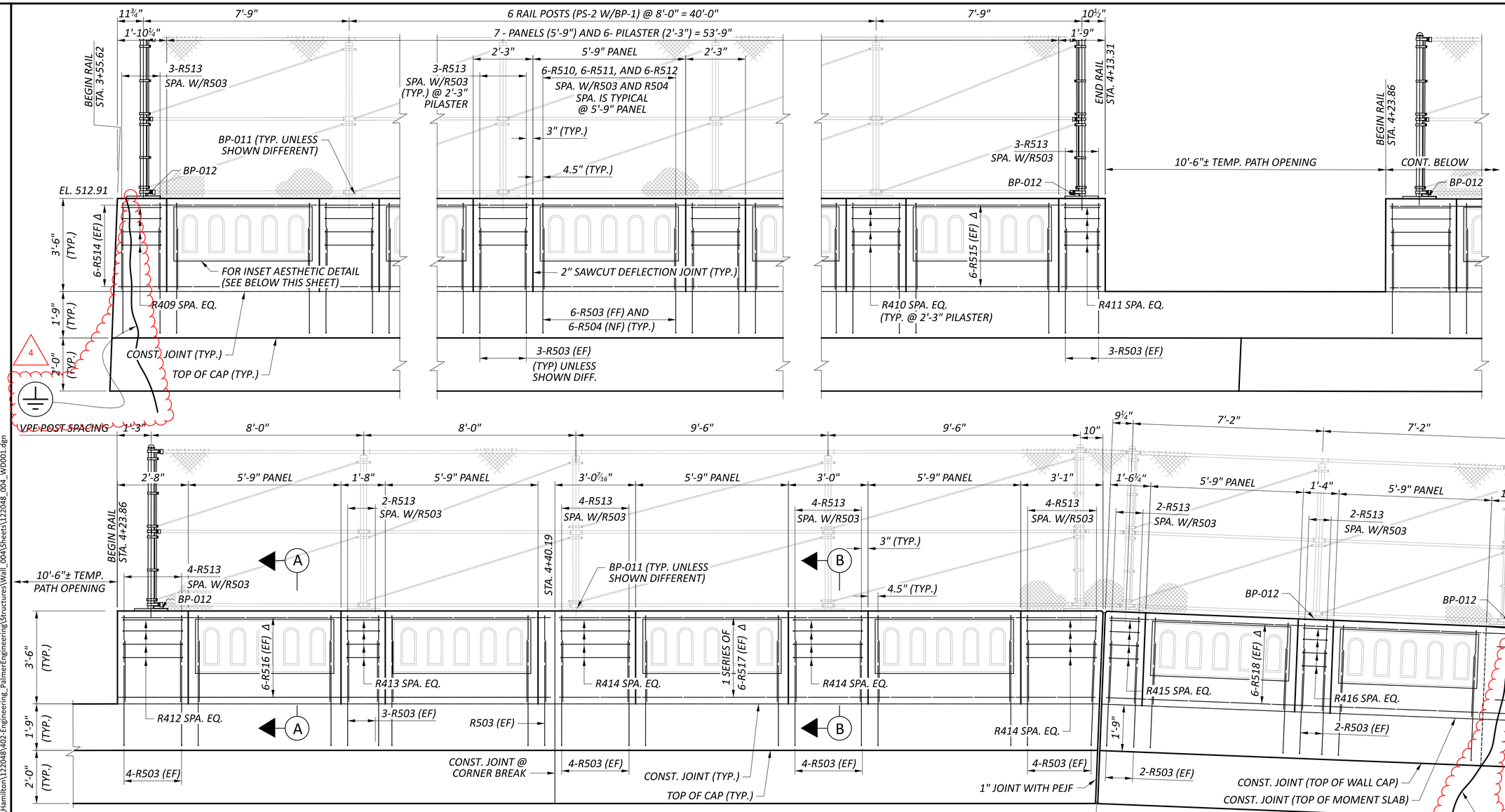
DRILLED SHAFT COLLAR FOR MSE WALL AND VPF DETAILS
RETAINING WALL NO. 04 ALONG I-75 NORTHBOUND

1	09/01/25	SHEET REVISIONS
ADDM' NO.	DATE	DESCRIPTION
DATE COMPLETED		

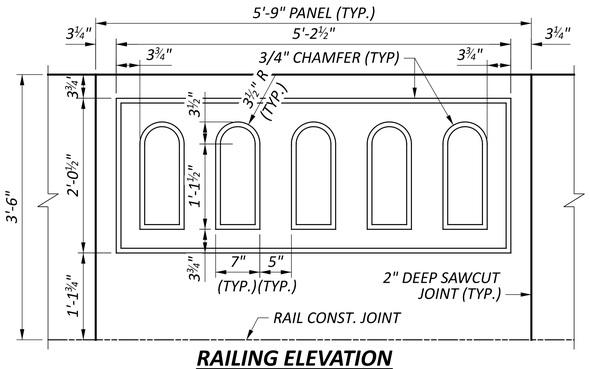
DESIGN AGENCY
Palmer ENGINEERING
8350 E. KEMPER ROAD
SUITE B
CINCINNATI, OH 45249
(513) 469-1600

DESIGNER RJB
REVIEWER BJF 04/12/25
PROJECT ID 122048
SUBSET 7 TOTAL 10
SHEET P.199 TOTAL P. 421

HAM-IR75-1.06

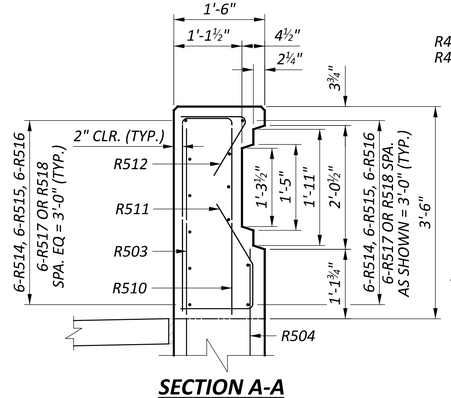


1	09/01/25	SHEET REVISIONS
ADDM' NO.	DATE	DESCRIPTION
DATE COMPLETED		



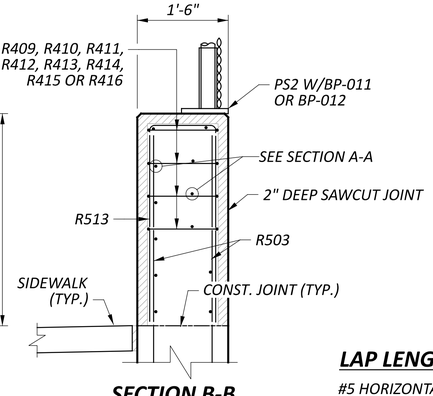
RAILING ELEVATION

5'-9' PANEL INSET AESTHETIC DETAIL



SECTION A-A

SECTION IS TYPICAL @ 5'-9" PANELS



SECTION B-B

SECTION IS TYPICAL @ PILASTER

LEGEND

Δ SEE SECTION VIEWS, THIS SHEET, FOR SPACING

4 VPF GROUND WIRE TO BE CONNECTED AT DRILLED SHAFTS 1 AND 23 PER PER HL-50.21. SEE SHEET 4 10 AND 7 10 FOR ADDITIONAL DETAILS. SEE LIGHTING PLANS FOR QUANTITY.

NOTES

1. SEE SHEET 2 10 FOR GENERAL NOTES.
2. SEE STD. DWG. VPF-1-24 FOR ADDITIONAL DETAILS.
3. SEE SHEET 8 10 FOR MOMENT SLAB DETAILS AND END RAILING DETAILS.
4. SEE SHEET 6 10 FOR ELEVATION DETAILS AND ADDITIONAL RAILING ELEVATIONS.
5. SEE SHEET 7 10 FOR CUSTOM BASE PLATE DESIGNS.

LAP LENGTH

#5 HORIZONTAL - 3'-1" MIN.
#5 VERTICAL - 2'-5" MIN.

RAILING DETAILS

RETAINING WALL NO. 04 ALONG I-75 NORTHBOUND

DESIGN AGENCY
Palmer ENGINEERING
8350 E. KEMPER ROAD
SUITE B
CINCINNATI, OH 45249
(513) 469-1600

DESIGNER	RJB
REVIEWER	BJF 04/12/25
PROJECT ID	122048
SUBSET	9
TOTAL	10
SHEET	P.201
TOTAL	P. 421

HAM-IR75-1.05

MODEL: Sheet - 2 PAPERSIZE: 34x22 (in.) DATE: 9/19/2025 TIME: 9:59:21 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: swalker@palmernet.com WORKSPACE: OHDOTCivil02 WORKSET: 122048 PRODUCT: OpenRoadsDesigner 24.00.00.205
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REFERENCE NO.	SHEET NO.	ALIGNMENT	STATION FROM	STATION TO	SIDE	625 CONNECTION, FUSED PULL APART	625 CONNECTION, UNFUSED PULL APART	625 CONNECTION, UNFUSED PERMANENT	625 LIGHT POLE, CONVENTIONAL (AT15B40)	625 LIGHT POLE FOUNDATION, 24" X 8' DEEP	625 BRACKET ARM, 15'	625 NO. 4 AWG 600 VOLT DISTRIBUTION CABLE	625 NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE	625 1-1/2" DUCT CABLE WITH TWO NO. 4 AWG 2400 VOLT CABLES	626 CONDUIT, 1-1/2", 725.04, AS PER PLAN	625 CONDUIT, 2", 725.04	625 CONDUIT, 3", 725.04	625 CONDUIT, CONCRETE ENCASED (2")	625 LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), (259W, TYPE III)	625 LUMINAIRE, UNDERPASS, SOLID STATE (LED), AS PER PLAN (54W, CEILING MOUNTED)	625 LUMINAIRE, UNDERPASS, SOLID STATE (LED), AS PER PLAN (70W, WALL MOUNTED)	625 TRENCH, 24" DEEP	625 JUNCTION BOX	625 BARRIER JUNCTION BOX	625 PULL BOX, 725.08, 18"	625 PULL BOX, 725.08, 18", AS PER PLAN	625 GROUND ROD	625 STRUCTURE GROUNDING SYSTEM	625 POWER SERVICE	625 SERVICE TO UNDERPASS LIGHTING	625 DISCONNECT CIRCUIT
						EACH	EACH	EACH	EACH	EACH	EACH	FT	FT	FT	FT	FT	FT	FT	EACH	EACH	EACH	FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
UP1	227	CLP_WINCHELL	754+89.48		LT															1										1	
UP2	227	CLP_WINCHELL	755+44.38		LT															1											
PB-4	227	CLP_WINCHELL	755+72.22		RT			3																		1					
	227	CLP_WINCHELL	755+72.22	756+16.19	RT							183						51				51									
JB-1	227	CLP_WINCHELL	755+94.56		RT																		1						4		
	227	CLP_WINCHELL	755+94.56	756+16.19	RT							111			27																
A12	227	CLP_WINCHELL	756+16.19		RT																1										
	227	CLP_WINCHELL	756+16.19	756+76.92	RT							210			60																
A13	227	CLP_WINCHELL	756+76.92		RT																1										
	227	CLP_WINCHELL	756+76.92	757+42.70	RT							225			65																
A14	227	CLP_WINCHELL	757+42.70		RT																1										
	223	CLP_WINCHELL	757+42.70	758+08.52	RT							225			65																
A15	223	CLP_WINCHELL	758+08.52		RT																1										
	223	CLP_WINCHELL	758+08.52	758+79.23	RT							240			70																
A16	223	CLP_WINCHELL	758+79.23		RT																1										
	223	CLP_WINCHELL	758+79.23	759+49.92	RT							240			70																
A17	223	CLP_WINCHELL	759+49.92		RT																1										
	223	CLP_WINCHELL	759+49.92	760+41.62	RT							300			90																
A18	223	CLP_WINCHELL	760+41.62		RT																1										
	223	CLP_WINCHELL	760+41.62	761+28.19	RT							288			86																
A19	223	CLP_WINCHELL	761+28.19		RT																1										
E1-4	227	CLP_RAMP V	56+17.78		LT	2	1		1	1	1								1								1				3
	227 & 223	CLP_RAMP V	56+17.78	57+67.19	LT									161								151									
PB-6	223	CLP_RAMP V	57+67.19		LT																				1						
	223	CLP_RAMP V	57+67.19	57+69.69	LT/RT								165				45					45									
JB-2	223	CLP_RAMP V	57+69.69		RT																			1							
	223	CLP_RAMP V	57+69.69	60+60.40	RT								894			288																
JB-3	223	CLP_RAMP V	60+60.40		RT																			1							
	223	CLP_RAMP V	60+60.40	60+68.75	LT/RT								141				37					37									
PB-7	223	CLP_RAMP V	60+68.75		LT																				1						
	223	CLP_RAMP V	60+68.75		LT									83								73									
PB-8	223	CLP_RAMP V	61+39.30		LT																				1						
PB-9	223	CLP_RAMP V	62+73.58		LT																				1						
	223 & 224	CLP_RAMP V	62+73.58	64+30.45	LT									174								164									
PB-10	224	CLP_RAMP V	64+30.45		LT																				1			2			
PB-11	225	CLP_RAMP V	64+30.45		LT																				1						
	225	CLP_RAMP V	64+30.45	72+53.45	LT									194								184									
PB-12	225	CLP_RAMP V	72+53.45		LT																				1						
	225	CLP_RAMP V	72+53.45		LT									30								20									
PS-E1	225	CLP_RAMP V	72+73.45		LT																								1		
PB-13	223	MOUND	N408492 E1394264																						1						
	223	MOUND												30								20									
PS-E2	223	MOUND	N408511 E1394264																										1		
SGS-1	223 & 227	CLP_WINCHELL	WALL 02		RT																							1			
TOTALS CARRIED TO GENERAL SUMMARY						2	1	3	1	1	1	2022	1200	672	533	288	82	51	1	2	8	745	1	2	8	1	1	3	2	1	3

LIGHTING SUBSUMMARY

HAM-IR 75-1.05

DESIGN AGENCY
STRUCTUREPOINT INC.

DESIGNER
CDP

REVIEWER
EMS 04/14/25

PROJECT ID
122048

SHEET P.222 | TOTAL P.421

1.5" CABLE DUCT
W/ (3) NO. 4 AWG CABLES
PR. PULL BOX, 18"
STA. 57+67.19, RAMP V, 39.63' LT
PB-6
3" CONDUIT, 725.04
W/ (3) NO. 4 AWG CABLES
PR. JUNCTION BOX
STA. 57+69.69, RAMP V, 07.67' RT
JB-2
2" CONDUIT (INSIDE BARRIER WALL)
W/ (3) NO. 4 AWG CABLES
MATCH LINE STA. 57+50.00
SEE SHEET P.226
CKT. E1
PR UNDERPASS LUMINAIRE, AS PER PLAN
(70W, WALL MOUNTED, LED)
STA. 758+79.23, 17.33' RT
A16
3" CONDUIT,725.04
W/ (3) NO. 4 AWG CABLES
JB-3
PR. JUNCTION BOX
STA. 60+60.40, RAMP V, 07.84' RT
2" CONDUIT (INSIDE BARRIER WALL)
W/ (3) NO. 4 AWG CABLES
1-1/2" CONDUIT, WALL MOUNTED
W/ (3) NO. 4 AWG CABLES
℄ CONST
CLP_RAMP V
58
59
60
CKT. E1
EX. 24" ELEC
758
759
760
761
762
PROP. SHARED
USE PATH
EX. LIGHT POLE
TBR
EX. POWER SERVICE
"C1535" TBR
℄ CONST CLP_WINCHELL
EX. PULL BOX
TBR
9
10
11
1-1/2" CONDUIT,
WALL MOUNTED
W/ (3) NO. 4
AWG CABLES
EX. LIGHT
POLE
TBR
EX. POWER
SERVICE
"C1535"
TBR
℄ CONST CLP_COURT
EX. PULL BOX TBR
EX. LIGHT POLE
TBR
EX. LIGHT POLE
TBR
A15
PR UNDERPASS LUMINAIRE,
AS PER PLAN
(70W, WALL MOUNTED, LED)
STA. 758+08.52, 17.33' RT
PR. LIGHT POLE, AS PER PLAN
TYPE II, 76W LED, 35', 8' BRACKET ARM
STA. 9+46.03, 20.21' RT
A5
2" CONDUIT
W/ (3) NO. 4 AWG CABLES
PR. LIGHT POLE, AS PER PLAN
TYPE II, 76W LED, 35', 8' BRACKET ARM
STA. 7+66.92, 28.08' RT
A4
1-1/2" CONDUIT, WALL MOUNTED
W/ (3) NO. 4 AWG CABLES
PR UNDERPASS LUMINAIRE, AS PER PLAN
(70W, WALL MOUNTED, LED)
STA. 759+49.92, 17.33' RT
A17
STRUCTURE GROUNDING SYSTEM
WALL 02
SGS-1
4
MATCH LINE STA. 7+00.00
SEE SHEET P.226
Ex SS
Ex R/W
SAN
FO
PR. PULL BOX, 18"
STA. 60+68.75, RAMP V, 28.50' LT
PB-7
1.5" CABLE DUCT
W/ (3) NO. 4 AWG CABLES
PR UNDERPASS LUMINAIRE, AS PER PLAN
(70W, WALL MOUNTED, LED)
STA. 760+41.62, WINCHELL, 17.33' RT
A18
1-1/2" CONDUIT, WALL MOUNTED
W/ (3) NO. 4 AWG CABLES
EX. HIGH MAST TOWER
DND
E1-1
PR. PULL BOX, 18"
INTERCEPT EX. CIRCUIT
STA. 61+39.30, RAMP V, 22.30' LT
PB-8
PR UNDERPASS LUMINAIRE, AS PER PLAN
(70W, WALL MOUNTED, LED)
STA. 761+28.19, WINCHELL, 17.33' RT
A19
EX. C1535-E1
(3- #4 AWG)
EX. 2" ELEC
PR. PULL BOX, 18"
STA. 62+73.58, RAMP V, 24.07' LT
PB-9
1.5" CABLE DUCT,
W/ (3) NO. 4 AWG CABLES
MATCH LINE STA. 63+00.00
SEE SHEET P.224
EX. 6" WATER
MATCH LINE STA. 761+00.00
SEE SHEET P.224
PR. LIGHT POLE, AS PER PLAN
TYPE III, 76W LED, 35', 8' BRACKET ARM
STA. 12+18.82, 36.45' RT
A6

HORIZONTAL
SCALE IN FEET
0 10 20 40

LIGHTING PLAN
WINCHELL AVE - STA. 757+50.00 to STA. 763+00.00
RAMP V - STA. 57+50.00 to STA. 63+00.00, COURT ST - STA. 7+00.00 to STA. 11+71.05

LIGHTING PLAN SYMBOL LEGEND

	EXISTING	PROPOSED
LIGHTING CONTROL CABINET	△	▲
PULL BOX		
LIGHT POLE, AESTHETIC, AS PER PLAN (POST TOP, 103W LED)		
LIGHT POLE, CONVENTIONAL W/ 101W LED LUMINAIRE		
LIGHT POLE, CONVENTIONAL W/ 96 W LED LUMINAIRE		
UNDERPASS LUMINAIRE 57W LED		
WALL MOUNTED LUMINAIRE 70W LED		

LIGHTING PLAN LINE STYLE LEGEND

- PROPOSED 3 - #4 AWG DISTRIBUTION CABLES
- PROPOSED CONDUIT
- EXISTING 3 - #6 AWG CIRCUIT

NOTES:
1. ALL EXISTING UNDERPASS LUMINAIRE TO BE REMOVED

PS-E2
PR. POWER SERVICE, PS-E2
N 408511.9392
E 1394264.9595
1.5" CABLE DUCT
W/ (3) NO. 4 AWG CABLES
CKT E2
EX. (3) #2 AWG
CKT E2
EX. (3) #2 AWG
EX. LIGHT POLE (TO REMAIN)
PR. PULL BOX, 18"
N 408492.7202
E 1394264.6458
PB-13
E2-5
WINCHELL AVE
MOUND ST
8TH ST VIADUCT
TEMPORARY POWER SERVICE - WINCHELL AVE & MOUND ST

DESIGN AGENCY
STRUCTUREPOINT LLC

DESIGNER	CDP
REVIEWER	EMS 03/03/25
PROJECT ID	122048
SHEET	P.223
TOTAL	P.421

HAM-IR 75-1.05

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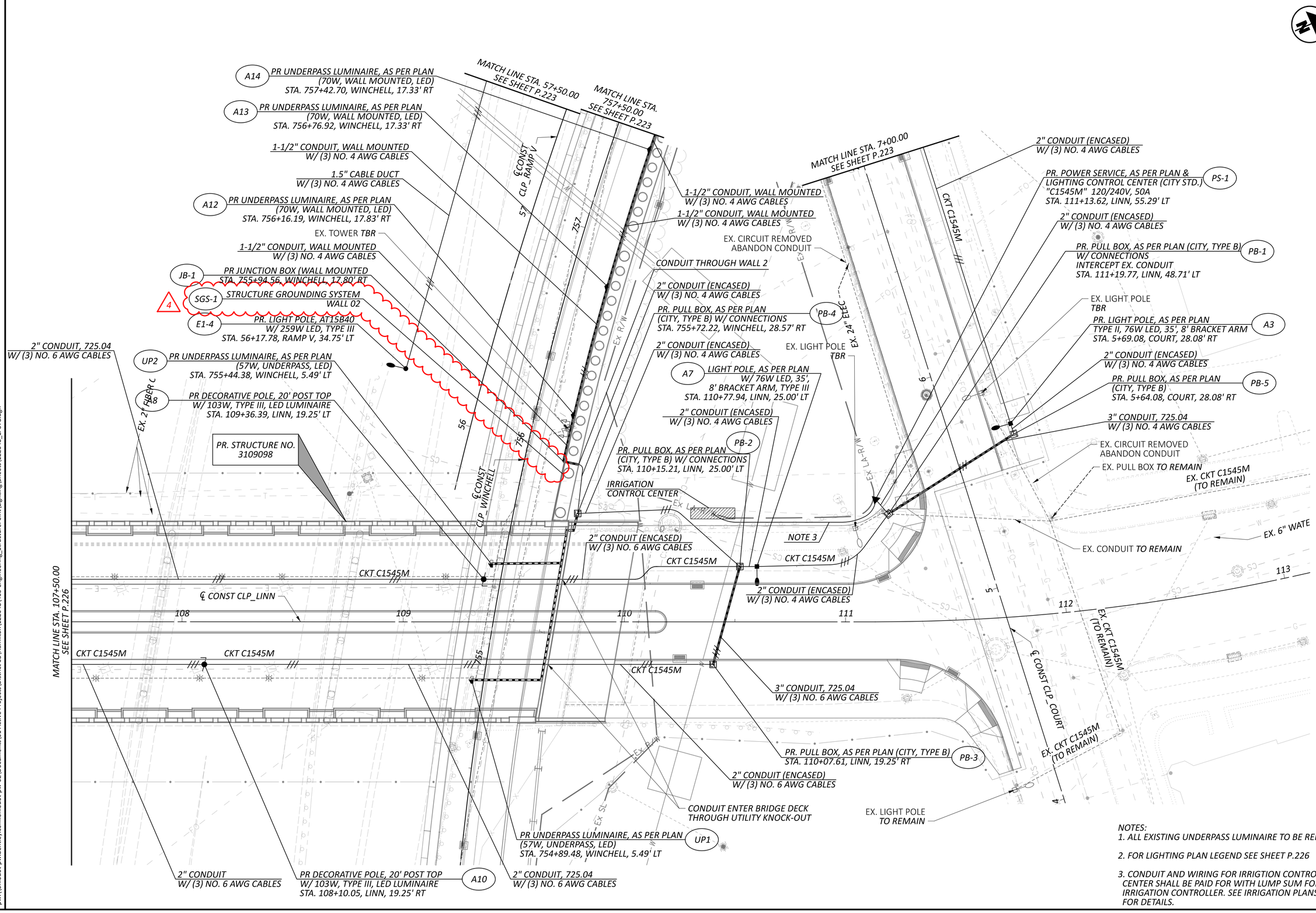


NOTES:
1. ALL EXISTING UNDERPASS LUMINAIRE TO BE REMOVED
2. FOR LIGHTING PLAN LEGEND SEE SHEET P.226
3. CONDUIT AND WIRING FOR IRRIGTION CONTROL CENTER SHALL BE PAID FOR WITH LUMP SUM FOR IRRIGATION CONTROLLER. SEE IRRIGATION PLANS FOR DETAILS.

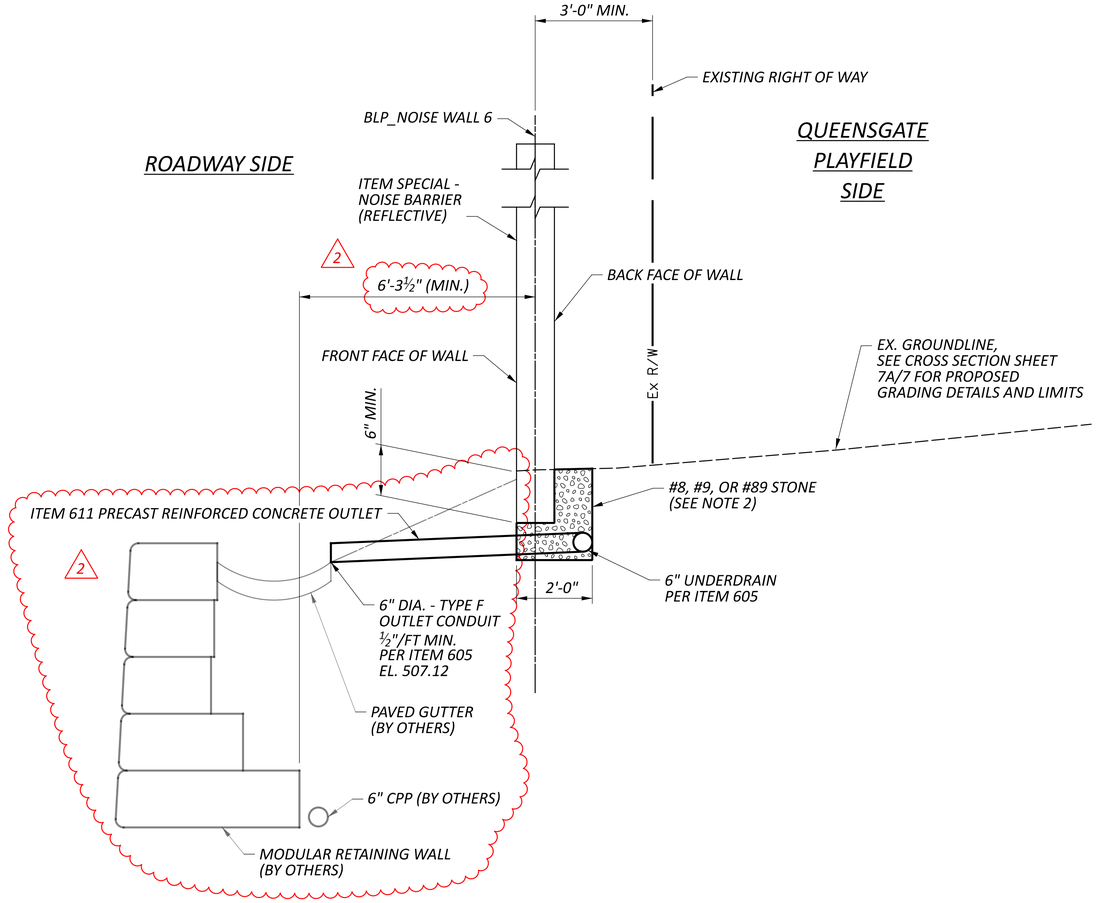
HORIZONTAL SCALE IN FEET
0 10 20 40

LIGHTING PLAN

LINN ST - STA. 107+50.00 to STA. 112+00.00, COURT ST - STA. 4+00.00 to STA.7+00.00
RAMP V - STA. 55+70.77 to STA. 57+50.00, WINCHELL AVE - STA. 754+50.00 to STA. 757+50.00

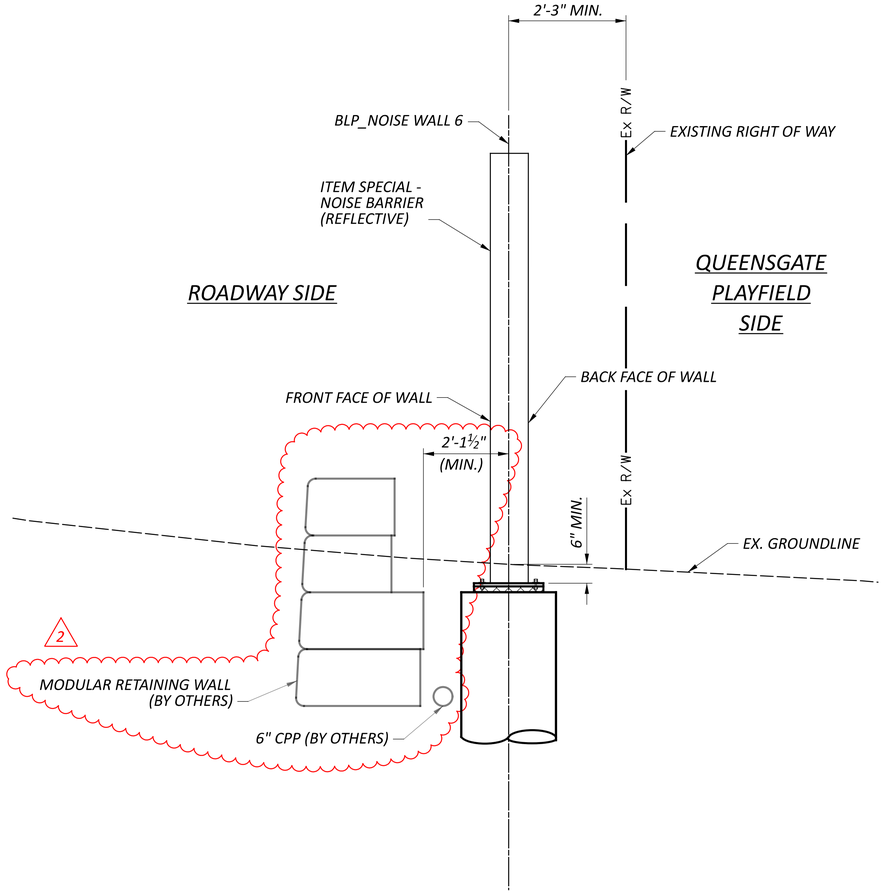
DESIGN AGENCY: STRUCTUREPOINT INC.
DESIGNER: CDP
REVIEWER: EMS 03/03/25
PROJECT ID: 122048
SHEET P.227 TOTAL P.421

HAM-IR 75-1.05



TYPICAL SECTION

STA. 00+64.85 TO STA. 01+29.85



TYPICAL SECTION

STA. 01+29.85 TO STA. 07+33.85

NOTES:

1. NOISE BARRIER SHALL BE FABRICATED AND INSTALLED PER NOISE BARRIER STANDARD DRAWING NBS-1-09, UNLESS OTHERWISE NOTED.
2. CONSTRUCT A TRENCH UNDER THE NOISE BARRIER PANELS AS SHOWN. THE BOTTOM OF THE TRENCH SHALL COINCIDE WITH THE UNDERDRAIN INVERT ELEVATION AS SHOWN IN THE NOISE BARRIER PROFILES.
3. AGGREGATE BACKFILL, UNDERDRAINS, OUTLET CONDUIT, AND OTHER FEATURES RELATED TO NOISE WALL DRAINAGE ARE INCLUDED IN ITEM SPECIAL - NOISE BARRIER (REFLECTIVE) FOR PAYMENT.

2 9-11-2025

NOISE WALL 6 TYPICAL SECTIONS

HAM-IR 75-1.05

SFN N/A

DESIGN AGENCY B&N burgessniple.com

DESIGNER	CHECKER
MES	ODW

REVIEWER SCS 12/31/24

PROJECT ID 122048

SUBSET	TOTAL
3	12

SHEET	TOTAL
P.233	P.421

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NOISE WALL GENERAL NOTES

ITEM SPECIAL: NOISE BARRIER (REFLECTIVE)

1. *ALL NOISE BARRIER PANELS, POSTS, AND CAPS SHALL BE CONCRETE.*
2. *(NOT USED)*
3. *ALL NOISE BARRIER POSTS AND CAPS SHALL HAVE A SMOOTH FINISH.*
4. *ALL NOISE BARRIER PANELS SHALL BE REFLECTIVE ON BOTH SIDES.*
5. *ITEM 512 - SEALING OF CONCRETE SURFACES, AS PER PLAN (PERMANENT GRAFFITI PROTECTION):*
   APPLY A PERMANENT GRAFFITI COATING QUALIFIED ACCORDING TO SUPPLEMENT 1083 THAT IS COMPATIBLE WITH THE CONCRETE SEALER OVER WHICH IT IS APPLIED. APPLY THE GRAFFITI COATING IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTRUCTIONS. APPLY THE GRAFFITI COATING OVER THE ENTIRE EXPOSED SURFACE AREA OF THE NOISE BARRIER PANELS AND POSTS. THE COLOR SHALL BE CLEAR.
6. *THE NOISE BARRIER SHOP DRAWING SUBMITTAL SHALL INCLUDE THE ACOUSTIC PROFILE SHOWN IN THESE PLANS ON EACH PROFILE VIEW.*
7. *PANEL LENGTH DEDUCTIONS FOR NOISE BARRIER POSTS SHALL BE PER STANDARD CONSTRUCTION DRAWING NBS-1-09.*
8. *THE ARCHITECTURAL FINISH SHALL BE BEIGE ARCHITECTURAL POLYMERS NO. 905O SMALLED AGED PER SHEET 5/12 ON BOTH SIDES. FEDERAL COLOR NUMBER FOR BEIGE IS NO. 17778. THE ARCHITECTURAL POLYMERS PATTERN 905O SHALL MEET THE CUT SHEET ILLUSTRATED ON SHEET 5/12.*

SITE GRADING:

THE CONTRACTOR SHALL PROVIDE THE FINISHED GRADES AS SHOWN IN THE PLANS. SPOILS GENERATED FROM THE DRILLED SHAFT CONSTRUCTION MAY BE WASTED ON SITE ONLY AS DIRECTED BY THE ENGINEER.

GRADE BEAM CONSTRUCTION:

A GRADE BEAM SHALL BE INSTALLED AT THE BOTTOM OF THE NOISE WALL PANEL NUMBER 14. THE GRADE BEAM DIMENSIONS ARE 12"x12".

UNDERDRAINS:

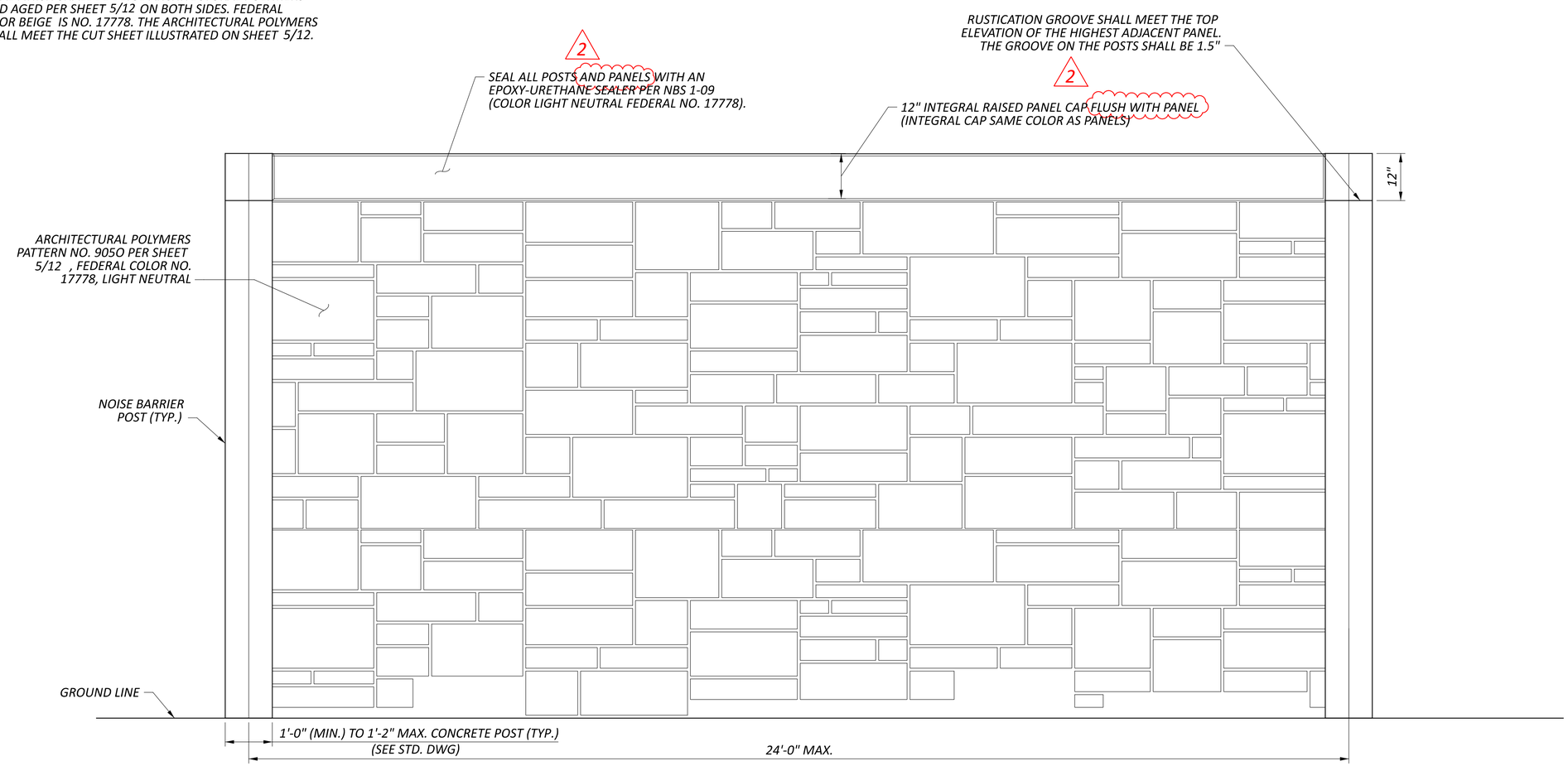
6" UNDERDRAINS AND DRAINAGE STONE DETAILED ON SHEETS 2/12, 3/12, AND 7/12-10/12 SHALL BE INSTALLED BEHIND THE PROPOSED NOISE WALL AT LOCATIONS SHOWN ON THE PLANS.

RETAINING WALL MOUNTED NOISE WALL:

WORK INCLUDES NOISE WALL POSTS, CAPS, AND PANELS MOUNTED TO RETAINING WALL NO. 2 INCLUDING ALL HARDWARE.

PAYMENT:

IN ADDITION TO THE REQUIREMENTS OF STANDARD CONSTRUCTION DRAWING NBS-1-09, ALL OF THE ABOVE REQUIREMENTS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM SPECIAL: NOISE BARRIER (REFLECTIVE).



NOISE BARRIER ELEVATION

2 9-11-2025

SFN	N/A
DESIGN AGENCY	B&N burgessniple.com
DESIGNER	MES
CHECKER	SCS
REVIEWER	JSB 4/9/25
PROJECT ID	122048
SUBSET	4
TOTAL	12
SHEET	P.234
TOTAL	P.421

HAM-IR 75-1.05

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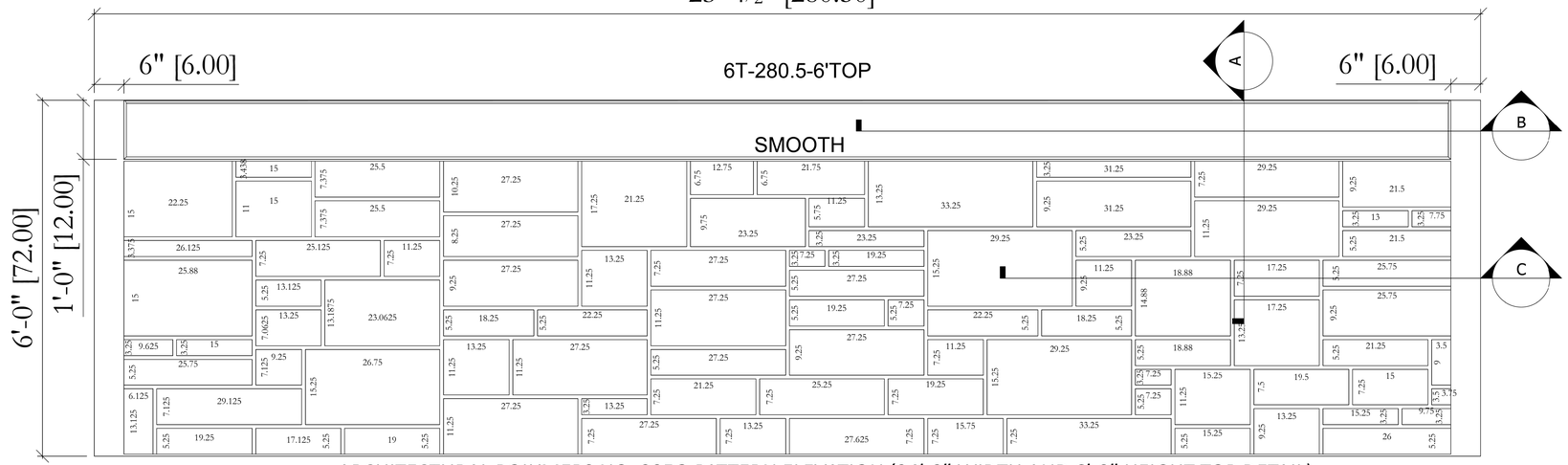
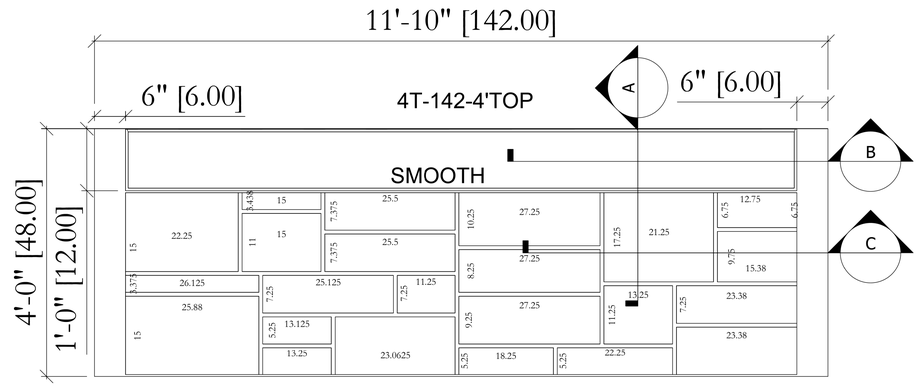


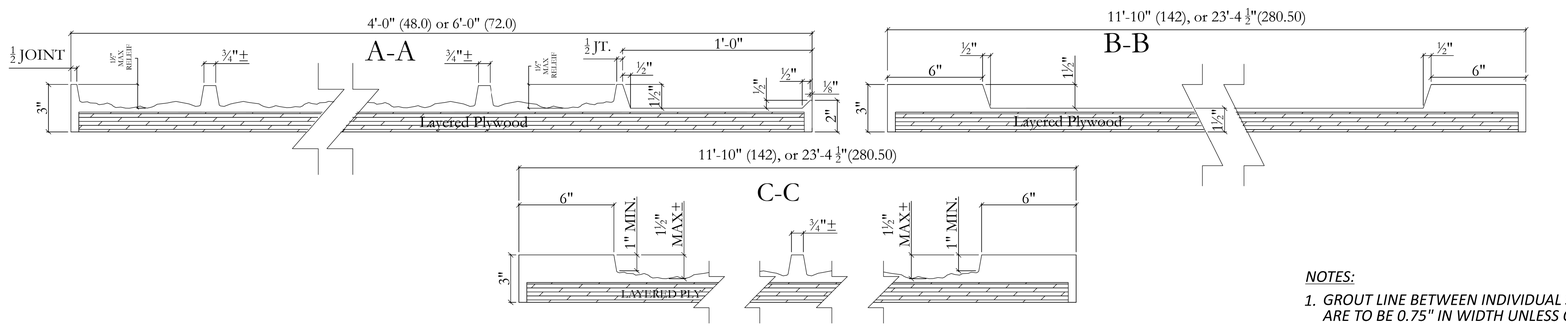
ARCHITECTURAL POLYMERS NO. 905O PATTERN ELEVATION (24'-0" WIDTH AND 6'-0" HEIGHT TOP DETAIL)

(DIMENSIONS FOR INDIVIDUAL BLOCKS ARE IN INCHES)



ARCHITECTURAL POLYMERS NO. 905O PATTERN ELEVATION (11'-10" WIDTH AND 4'-0" HEIGHT TOP DETAIL)

(DIMENSIONS FOR INDIVIDUAL BLOCKS ARE IN INCHES)



ARCHITECTURAL POLYMERS NO. 905O JOINT BOTTOM AND UNDER COPING

NOTES:

1. *GROUT LINE BETWEEN INDIVIDUAL STONES COMPRISING THE 905O PATTERN ARE TO BE 0.75" IN WIDTH UNLESS OTHERWISE NOTED.*
2. *INDIVIDUAL BLOCKS COMPRISING THE 905O PATTERN ARE TO PROVIDE A PATTERN RELIEF OF 1 TO 2 INCHES ABOVE THE ADJACENT SMOOTH GROUT LINE OR PANEL EDGE.*
3. *CREATE A 12" SMOOTH INTEGRAL PANEL CAP WITH A 1.5" RELIEF.*

2 9-11-2025

ARCHITECTURAL POLYMERS NO. 905O - 2

SFN	N/A
DESIGN AGENCY	B&N burgessniple.com
DESIGNER	MES
CHECKER	SCS
REVIEWER	JSB 4/9/25
PROJECT ID	122048
SUBSET	5A
TOTAL	12
SHEET	P.235A
TOTAL	P.421

HAM-IR 75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 9/22/2025 TIME: 12:05:38 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Add-Pen.tbl USER: WORKSPACE: OHDOTCEv02 WORKSET: 122048 PRODUCT: OpenRoadsDesigner 10.12.02.4
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\122048\401-Engineering_BurgessNiple\Roadway\Sheets\122048_WN003.dgn

2

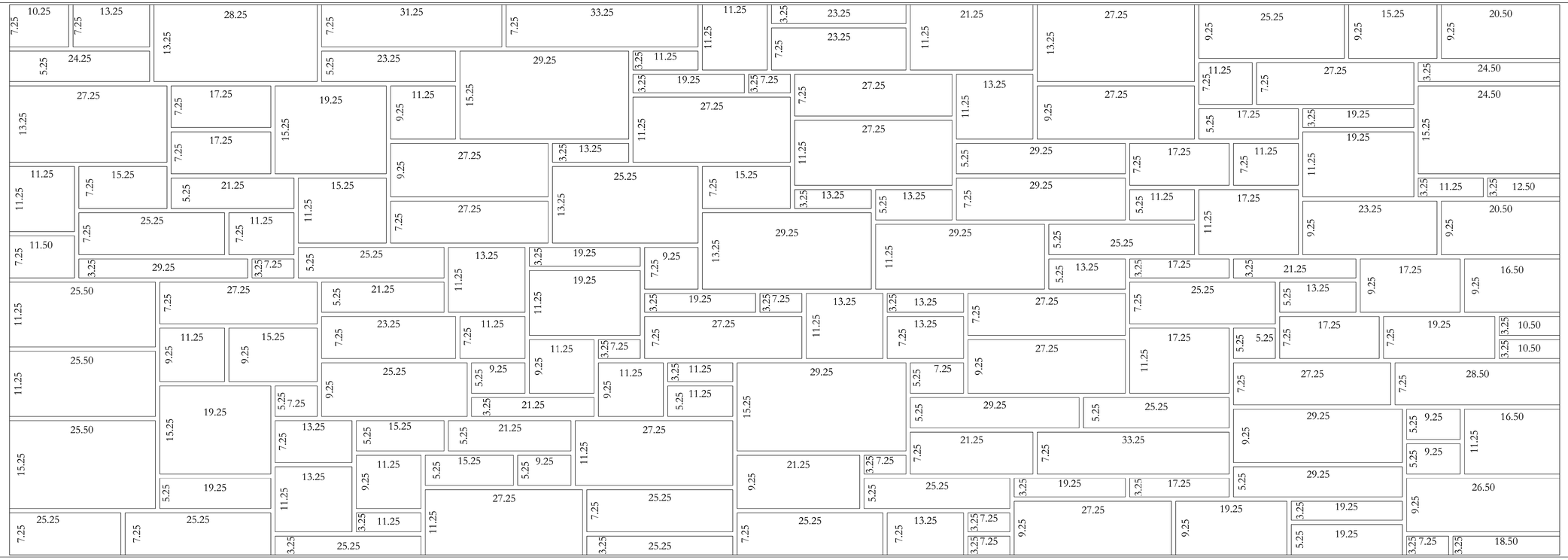
23'-4½"(280.5)

6"

6"

8'-0" [96.00]

8' MIDDLE BOTTOM



ARCHITECTURAL POLYMERS NO. 905O PATTERN ELEVATION (24'-0" WIDTH AND 8'-0" HEIGHT MIDDLE DETAIL)

(DIMENSIONS FOR INDIVIDUAL BLOCKS ARE IN INCHES)

NOTES:

1. *GROUT LINE BETWEEN INDIVIDUAL STONES COMPRISING THE 905O PATTERN ARE TO BE 0.75" IN WIDTH UNLESS OTHERWISE NOTED.*
2. *INDIVIDUAL BLOCKS COMPRISING THE 905O PATTERN ARE TO PROVIDE A PATTERN RELIEF OF 1 TO 2 INCHES ABOVE THE ADJACENT SMOOTH GROUT LINE OR PANEL EDGE.*
3. *CREATE A 12" SMOOTH INTEGRAL PANEL CAP WITH A 1.5" RELIEF.*

2 9-11-2025

ARCHITECTURAL POLYMERS NO. 905O - 3

HAM-IR 75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 9/22/2025 TIME: 12:06:22 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Add-Pen.tbl USER: WORKSPACE: OHDOTCEv02 WORKSET: 122048 PRODUCT: OpenRoadsDesigner 10.12.02.4
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SFN N/A

DESIGN AGENCY B&N burgessniple.com

DESIGNER	CHECKER
MES	SCS

REVIEWER JSB 4/9/25

PROJECT ID 122048

SUBSET	TOTAL
5B	12

SHEET	TOTAL
P.235B	P.421

HAM-IR 75-1.05

2

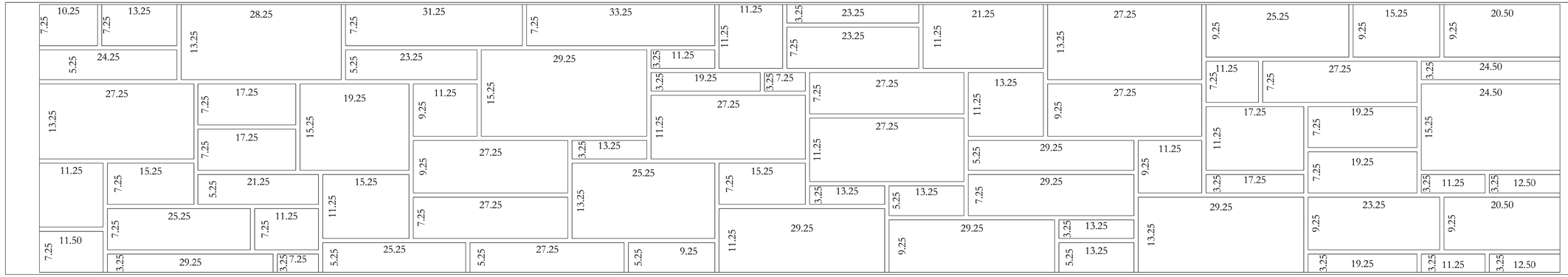
23'-4½"(280.5)

6"

6"

4' MIDDLE BOTTOM

4'-0" [48.00]



ARCHITECTURAL POLYMERS NO. 905O PATTERN ELEVATION (24'-0" WIDTH AND 4'-0" HEIGHT MIDDLE DETAIL)

(DIMENSIONS FOR INDIVIDUAL BLOCKS ARE IN INCHES)

NOTES:

1. *GROUT LINE BETWEEN INDIVIDUAL STONES COMPRISING THE 905O PATTERN ARE TO BE 0.75" IN WIDTH UNLESS OTHERWISE NOTED.*
2. *INDIVIDUAL BLOCKS COMPRISING THE 905O PATTERN ARE TO PROVIDE A PATTERN RELIEF OF 1 TO 2 INCHES ABOVE THE ADJACENT SMOOTH GROUT LINE OR PANEL EDGE.*
3. *CREATE A 12" SMOOTH INTEGRAL PANEL CAP WITH A 1.5" RELIEF.*

2 9-11-2025

ARCHITECTURAL POLYMERS NO. 905O - 4

SFN
N/A

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	CHECKER
MES	SCS

REVIEWER
JSB 4/9/25

PROJECT ID
122048

SUBSET	TOTAL
5C	12

SHEET	TOTAL
P.235C	P.421

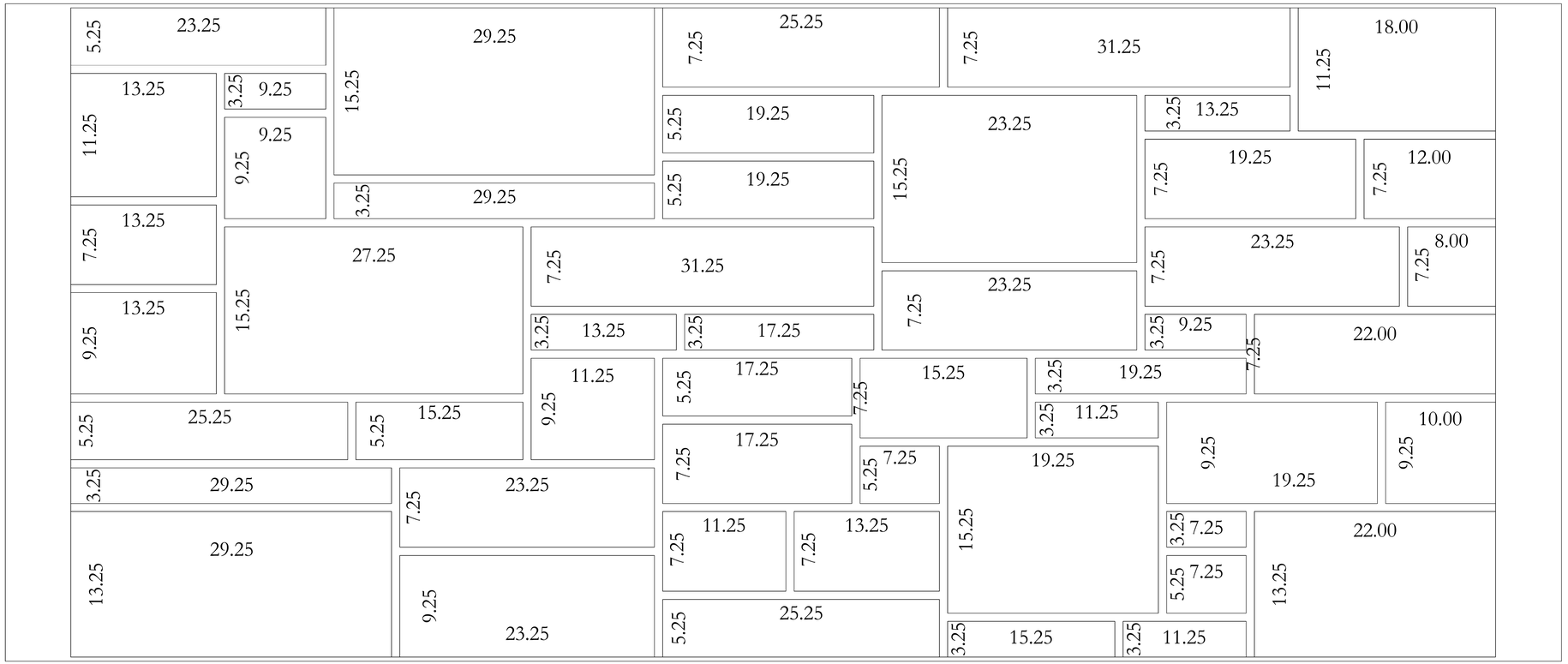
11'-10" [142.00]

6" [6.00]

5M/B-142-5'MID/BOT

6" [6.00]

5'-0" [60.00]



ARCHITECTURAL POLYMERS NO. 905O PATTERN ELEVATION (12'-0" MIDDLE AND 5'-0" HEIGHT DETAIL)

(DIMENSIONS FOR INDIVIDUAL BLOCKS ARE IN INCHES)

NOTES:

1. *GROUT LINE BETWEEN INDIVIDUAL STONES COMPRISING THE 905O PATTERN ARE TO BE 0.75" IN WIDTH UNLESS OTHERWISE NOTED.*
2. *INDIVIDUAL BLOCKS COMPRISING THE 905O PATTERN ARE TO PROVIDE A PATTERN RELIEF OF 1 TO 2 INCHES ABOVE THE ADJACENT SMOOTH GROUT LINE OR PANEL EDGE.*
3. *CREATE A 12" SMOOTH INTEGRAL PANEL CAP WITH A 1.5" RELIEF.*

2 9-11-2025

ARCHITECTURAL POLYMERS NO. 905O - 5

HAM-IR 75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 9/22/2025 TIME: 12:07:04 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Add-Pen.tbl USER: WORKSPACE: OHDOTCEv02 WORKSET: 122048 PRODUCT: OpenRoadsDesigner 10.12.02.4
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\122048\401-Engineering_BurgessNiple\Roadway\Sheets\122048_WN006.dgn

SFN N/A

DESIGN AGENCY B&N burgessniple.com

DESIGNER	CHECKER
MES	SCS

REVIEWER JSB 4/9/25

PROJECT ID 122048

SUBSET	TOTAL
5D	12

SHEET	TOTAL
P.235D	P.421

2

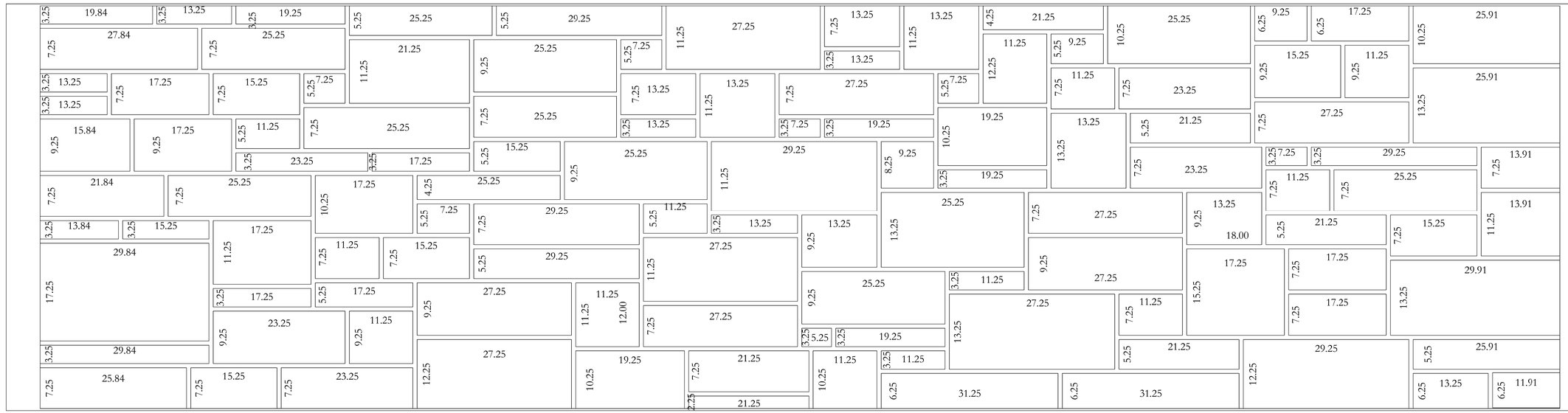
23'-4½"(280.5)

6"

6"

6' MIDDLE BOTTOM

6'-0" [72.00]



ARCHITECTURAL POLYMERS NO. 905O PATTERN ELEVATION (24'-0" WIDTH AND 6'-0" HEIGHT MIDDLE DETAIL)

(DIMENSIONS FOR INDIVIDUAL BLOCKS ARE IN INCHES)

NOTES:

1. *GROUT LINE BETWEEN INDIVIDUAL STONES COMPRISING THE 905O PATTERN ARE TO BE 0.75" IN WIDTH UNLESS OTHERWISE NOTED.*
2. *INDIVIDUAL BLOCKS COMPRISING THE 905O PATTERN ARE TO PROVIDE A PATTERN RELIEF OF 1 TO 2 INCHES ABOVE THE ADJACENT SMOOTH GROUT LINE OR PANEL EDGE.*
3. *CREATE A 12" SMOOTH INTEGRAL PANEL CAP WITH A 1.5" RELIEF.*

2 9-11-2025

ARCHITECTURAL POLYMERS NO. 905O - 6

SFN N/A

DESIGN AGENCY

B&N burgessniple.com

DESIGNER	CHECKER
MES	SCS

REVIEWER JSB 4/9/25

PROJECT ID 122048

SUBSET	TOTAL
5E	12

SHEET	TOTAL
P.235E	P.421

HAM-IR 75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 9/22/2025 TIME: 12:07:24 PM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Add-Pen.tbl USER: WORKSPACE: OHDOTCEv02 WORKSET: 122048 PRODUCT: OpenRoadsDesigner 10.12.02.4
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\122048\V401-Engineering_BurgessNiple\Roadway\Sheets\122048_WN007.dgn

REF NO.	SHEET NO.			STATION FROM	STATION TO	SIDE	SPECIAL SPECIAL - NOISE BARRIER (REFLECTIVE) SF	SPECIAL SPECIAL - FORM LINER FOR NOISE BARRIERS LS	611 PRECAST REINFORCED CONCRETE OUTLET EA
NSA 5	237	-	238	00+01.50	08+07.50	℄	9402	LS	
NSA 6	239	-	240	00+64.85	07+33.85	℄	8025	LS	1
TOTALS CARRIED TO GENERAL SUMMARY							17427	LS	1

2

NOISE WALL SUBSUMMARY

SFN
N/A

DESIGN AGENCY
B&N
burgessniple.com

DESIGNER	CHECKER
MES	BCS

REVIEWER
JSB 4/9/25

PROJECT ID
122048

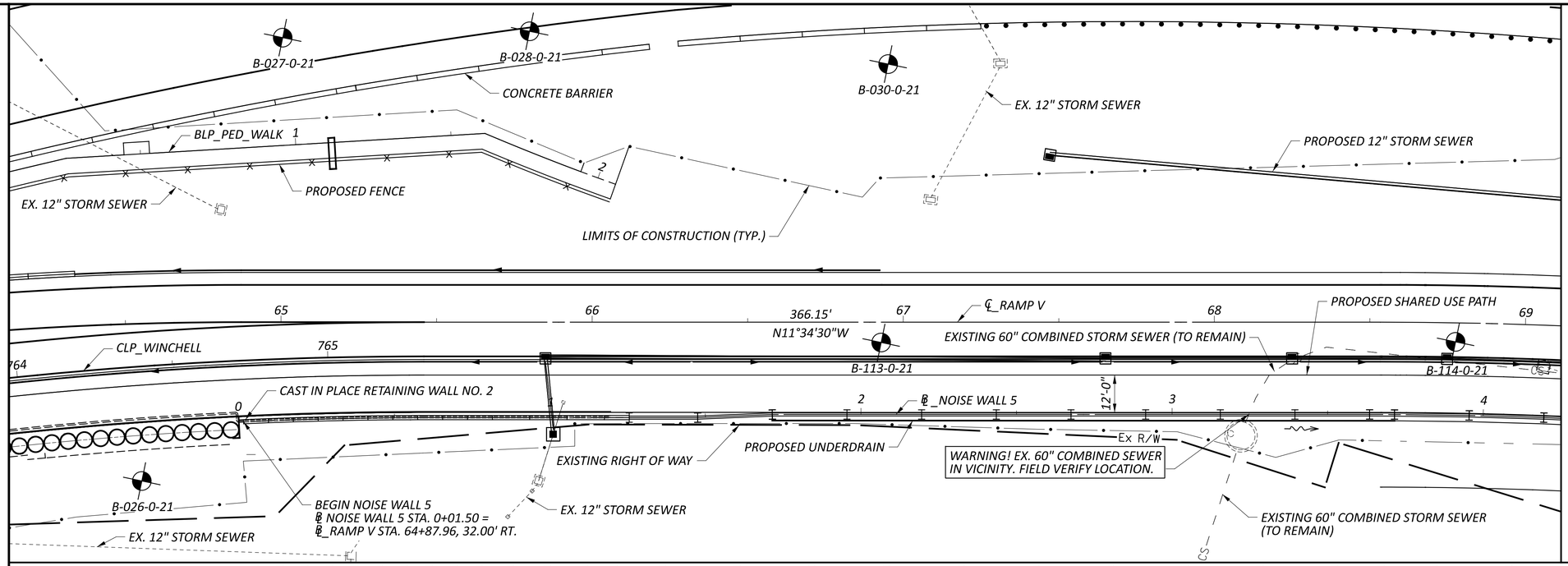
SUBSET	TOTAL
6	12

SHEET	TOTAL
P.236	P.421

2 9-11-2025

HAM-IR 75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 9/18/2025 TIME: 11:52:48 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Add-Pen.tbl USER: Morgan.Spanopoulos@burgessniple.com WORKSPACE: OHDOTCEv02 WORKSET: 122048 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\122048\401-Engineering_BurgessNiple\Roadway\Sheets\122048_WS001.dgn



LEGEND:

TOR = TOP OF ROCK

(X) = DRILLED SHAFT NO.

= PROJECT BORING LOCATION

◆ = HALFTONED LINEWORK REPRESENTS FUTURE PROJECT

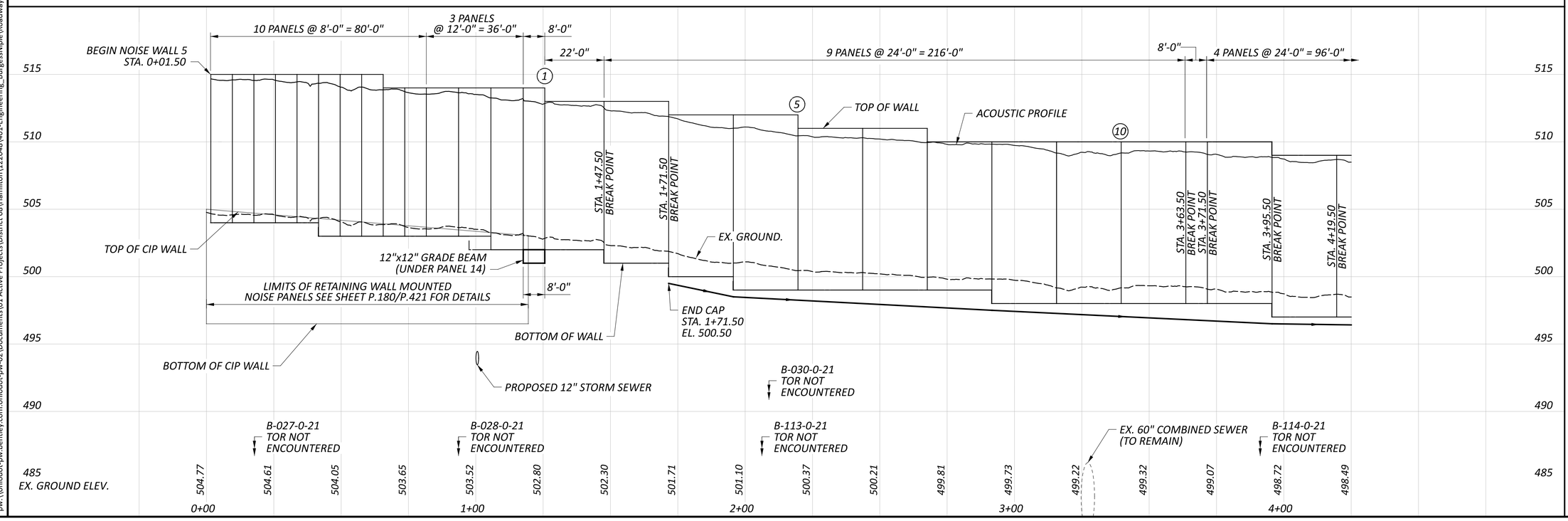
HORIZONTAL SCALE IN FEET
0 10 20 40

2

NOTE:

1. FOR ALL OTHER NOISE WALL DETAILS, SEE STD. DWG. NBS 1-09.

TOP OF WALL ELEV.	515.00	515.00	515.00	515.00	515.00	515.00	515.00	515.00	514.00	514.00	514.00	514.00	514.00	513.00	513.00	512.00	512.00	511.00	511.00	510.00	510.00	510.00	510.00	510.00	510.00	509.00		
BOTTOM OF WALL ELEV.	504.00	504.00	504.00	504.00	504.00	503.00	503.00	503.00	503.00	503.00	503.00	503.00	503.00	502.00	502.00	502.00	501.00	500.00	499.00	499.00	499.00	499.00	498.00	498.00	498.00	498.00	498.00	497.00
ACOUSTIC PROFILE ELEV.	514.11			514.61			514.05			513.65			513.52		512.80	512.30		511.71	511.10	510.37	510.21	509.81	509.73	509.22	509.32	509.07	508.72	508.49
PANEL NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	



NOISE WALL 5 PLAN AND PROFILE - 1
BEGIN WALL TO STA. 4+25.00

SFN N/A

DESIGN AGENCY B&N burgessniple.com

DESIGNER	CHECKER
MES	SCS

REVIEWER JSB 4/9/25

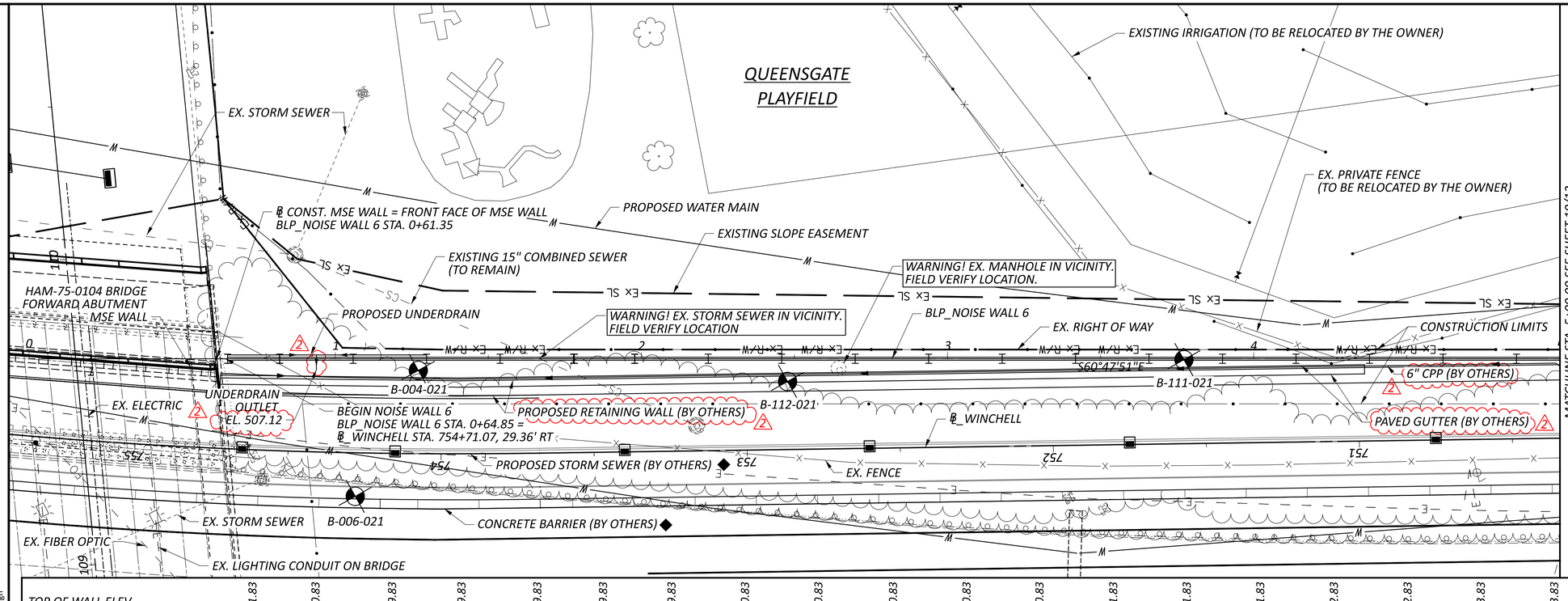
PROJECT ID 122048

SUBSET	TOTAL
7	12

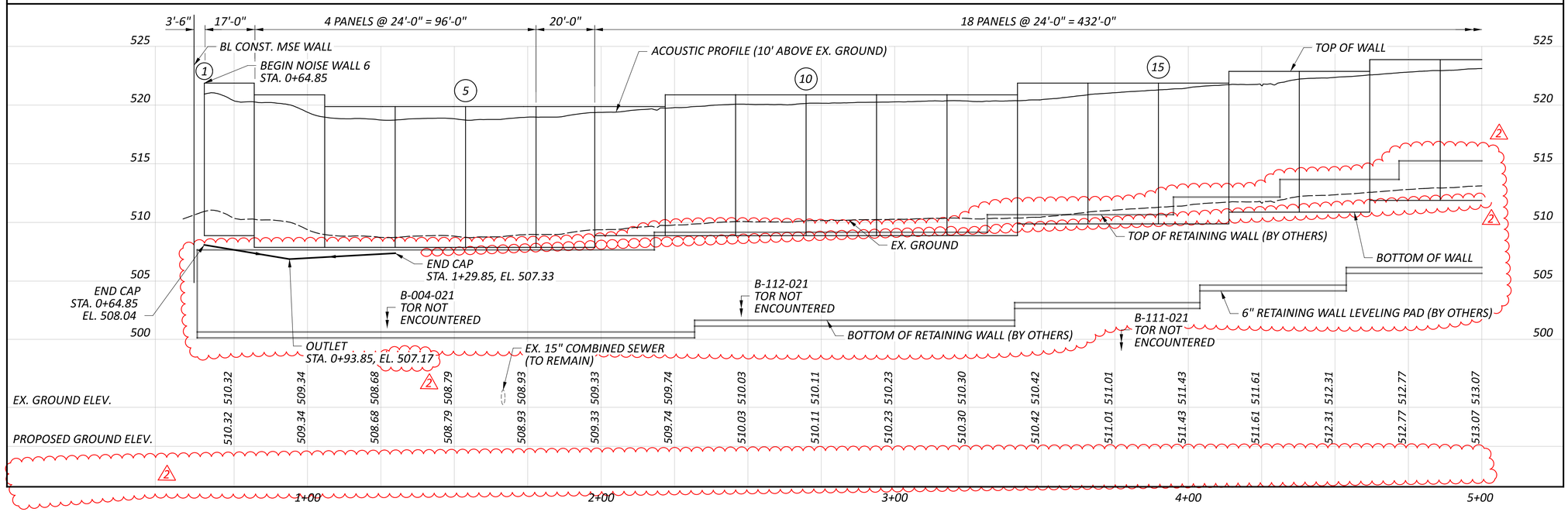
SHEET	TOTAL
P.237	P.421

2 9-11-2025

HAM-IR 75-1.05



TOP OF WALL ELEV.	521.83	520.83	519.83	519.83	519.83	519.83	519.83	520.83	520.83	520.83	520.83	520.83	520.83	521.83	521.83	521.83	522.83	522.83	523.83	523.83
BOTTOM OF WALL ELEV.	508.83	507.83	507.83	507.83	507.83	507.83	508.83	508.83	508.83	508.83	508.83	508.83	508.83	509.83	509.83	509.83	510.83	510.83	511.83	511.83
ACOUSTIC PROFILE ELEV.	520.89	520.23	518.93	518.68	518.68	518.93	519.33	519.69	520.03	520.09	520.20	520.32	520.33	520.84	521.25	521.69	522.17	522.53	522.89	
PANEL NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	



2 9-11-2025

NOISE WALL 6 PLAN AND PROFILE - 1
BEGIN WALL TO STA. 5+00.00

SFN N/A

DESIGN AGENCY B&N burgessniple.com

DESIGNER	CHECKER
MES	ODW

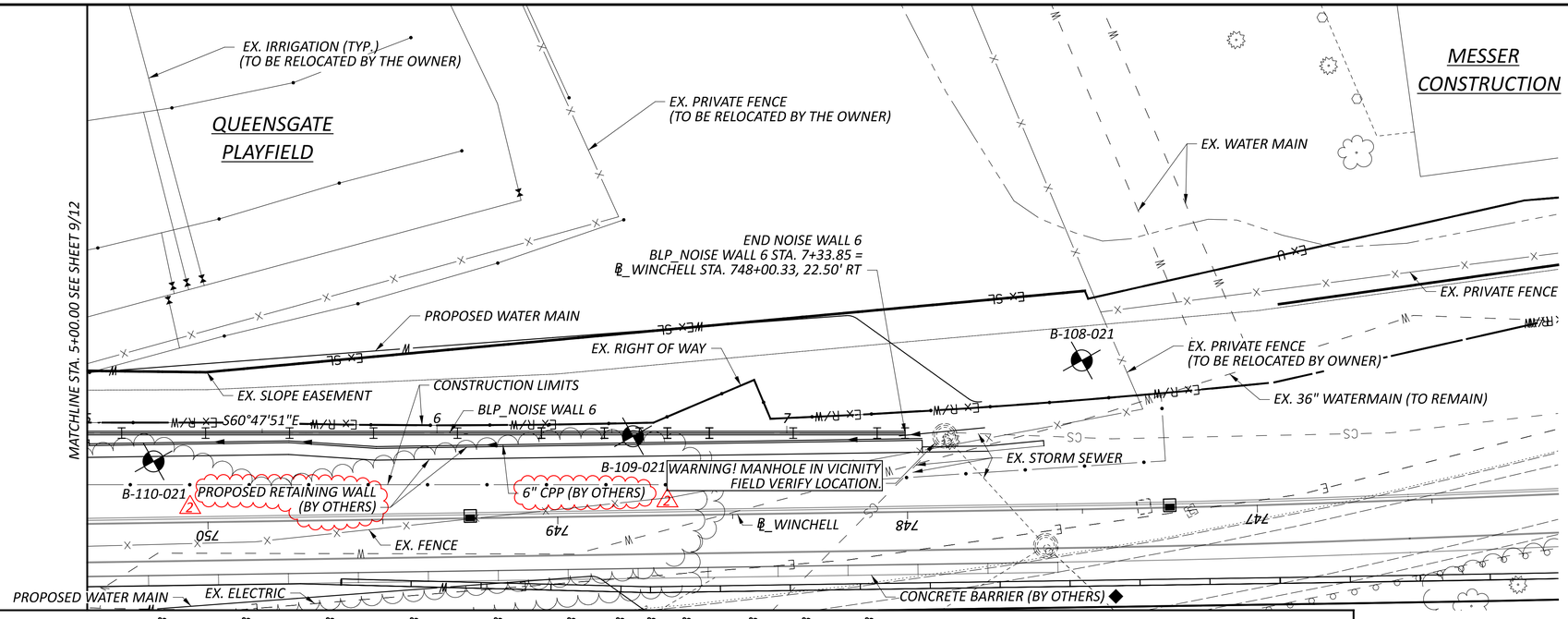
REVIEWER SCS 12/31/24

PROJECT ID 122048

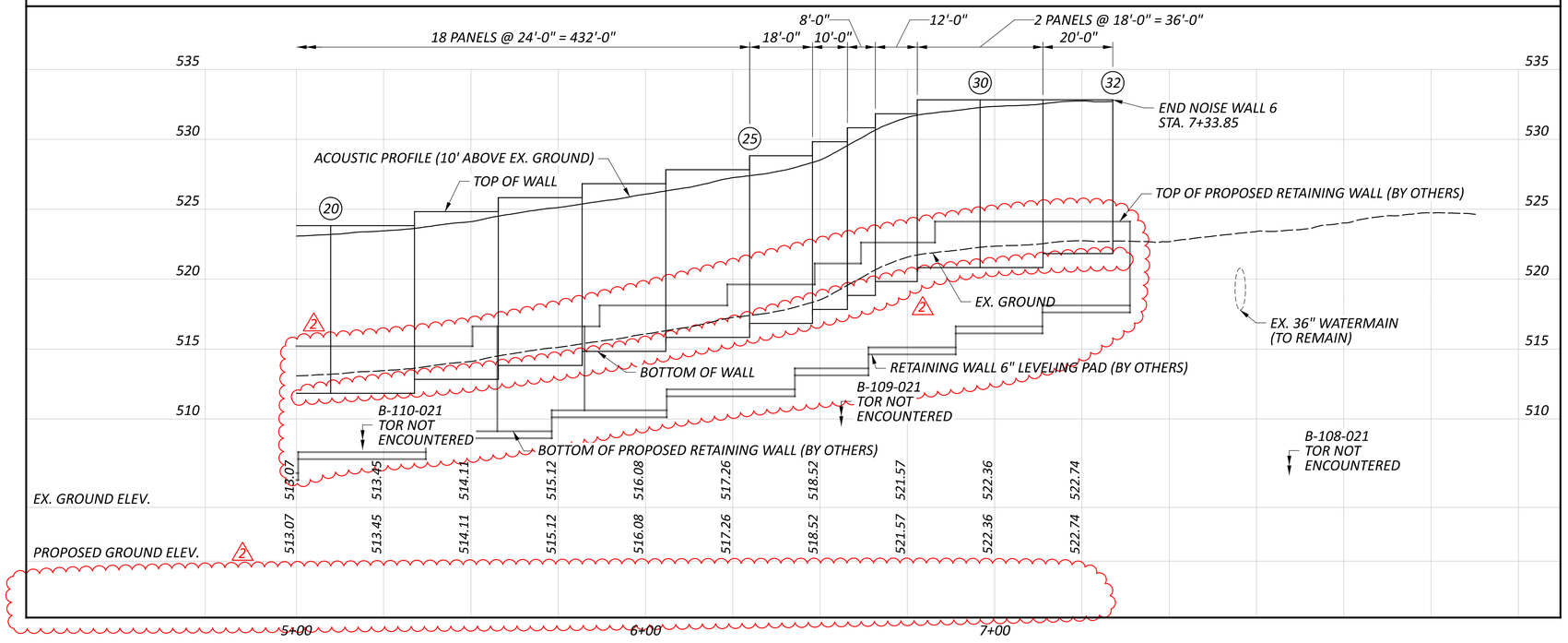
SUBSET	TOTAL
9	12

SHEET	TOTAL
P.239	P.421

HAM-IR 75-1.05



TOP OF WALL ELEV.	523.83	524.83	525.83	526.83	527.83	528.83	529.83	530.83	531.83	532.83	532.83	532.83	
BOTTOM OF WALL ELEV.	511.83	512.83	513.83	514.83	515.83	516.83	517.83	518.83	519.83	520.83	520.83	521.83	
ACOUSTIC PROFILE ELEV.	523.19	523.62	524.50	525.38	526.31	527.39	528.35	529.56	530.66	531.73	532.37	532.75	
PANEL NO.		20	21	22	23	24	25	26	27	28	29	30	31



LEGEND:

TOR = TOP OF ROCK

(X) = DRILLED SHAFT NO.

= PROJECT BORING LOCATION

◆ = HALFTONED LINEWORK REPRESENTS FUTURE PROJECT

2 *NOTE:*

HORIZONTAL SCALE IN FEET
0 10 20 40

NOISE WALL 6 PLAN AND PROFILE - 2
STA. 5+00.00 TO END WALL

SFN N/A

DESIGN AGENCY B&N burgessniple.com

DESIGNER	CHECKER
MES	ODW

REVIEWER SCS 12/31/24

PROJECT ID 122048

SUBSET	TOTAL
10	12

SHEET	TOTAL
P.240	P.421

2 9-11-2025

HAM-IR 75-1.05

2

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2 *9-11-2025*

SELECT NOISE WALL 6 CROSS SECTIONS

SFN	N/A
DESIGN AGENCY	B&N burgessniple.com
DESIGNER	MES
CHECKER	ODW
REVIEWER	SCS 12/31/24
PROJECT ID	122048
SUBSET	11
TOTAL	12
SHEET	P.241
TOTAL	P.421

HAM-IR 75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 9/18/2025 TIME: 11:55:12 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Add-Pen.tbl USER: Morgan.Spanopoulos@burgessniple.com WORKSPACE: OHDOTCEv02 WORKSET: 122048 PRODUCT: OpenRoadsDesigner 24.00.00.205
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NOISE WALL 5					
DRILLED SHAFT NUMBER	WORKPOINT STATION	TOP OF DRILLED SHAFT ELEVATION	SHAFT LENGTH (FT)	POST TYPE	POST SIZE (IN)
1	01+25.50	501.75	7.50	B	16
2	01+47.50	500.68	7.50	A	16
3	01+71.50	499.68	7.50	A	16
4	01+95.50	498.68	7.50	A	16
5	02+19.50	498.68	7.50	A	16
6	02+43.50	498.68	7.50	A	16
7	02+67.50	498.68	7.50	A	16
8	02+91.50	497.68	7.50	A	16
9	03+15.50	497.68	7.50	A	16
10	03+39.50	497.68	7.50	A	16
11	03+63.50	497.68	7.50	A	16
12	03+71.50	497.68	6.00	A	16
13	03+95.50	496.68	7.50	A	16
14	04+19.50	496.68	7.50	A	16
15	04+43.50	496.68	7.50	A	16
16	04+67.50	496.68	7.50	A	16
17	04+75.50	496.68	6.00	A	16
18	04+95.50	496.68	7.50	A	16
19	05+19.50	496.68	7.50	A	16
20	05+37.50	497.68	7.50	A	16
21	05+55.50	496.68	7.50	A	16
22	05+75.50	496.68	7.50	A	16
23	05+99.50	496.68	7.50	A	16
24	06+23.50	496.68	7.50	A	16
25	06+47.50	497.68	7.50	A	16
26	06+63.50	498.71	7.50	A	16
27	06+75.50	499.71	6.00	A	16
28	06+87.50	499.68	6.00	A	16
29	07+11.50	499.68	7.50	A	16
30	07+35.50	499.68	7.50	A	16
31	07+59.50	499.68	7.50	A	16
32	07+83.50	499.68	6.00	A	16
33	08+07.50	499.75	6.00	B	16

NOISE WALL 6					
DRILLED SHAFT NUMBER	WORKPOINT STATION	TOP OF DRILLED SHAFT ELEVATION	SHAFT LENGTH (FT)	POST TYPE	POST SIZE (IN)
1	00+64.85	508.58	19.00	B	16
2	00+81.85	507.51	18.00	A	16
3	01+05.85	507.51	18.00	A	16
4	01+29.85	507.51	18.00	A	16
5	01+53.85	507.51	18.00	A	16
6	01+77.85	507.51	18.00	A	16
7	01+97.85	507.51	18.00	A	16
8	02+21.85	508.51	19.00	A	16
9	02+45.85	508.82	17.75	A	16
10	02+69.85	508.82	17.75	A	16
11	02+93.85	508.51	17.50	A	16
12	03+17.85	508.51	26.00	A	16
13	03+41.85	508.51	26.00	A	16
14	03+65.85	509.51	25.50	A	16
15	03+89.85	509.51	25.50	A	16
16	04+13.85	509.51	24.00	A	16
17	04+37.85	510.51	25.00	A	16
18	04+61.85	510.51	23.50	A	16
19	04+85.85	511.51	16.00	A	16
20	05+09.85	511.51	14.50	A	16
21	05+33.85	511.51	13.00	A	16
22	05+57.85	512.51	14.00	A	16
23	05+81.85	513.51	13.50	A	16
24	06+05.85	514.51	14.50	A	16
25	06+29.85	515.51	12.00	A	16
26	06+47.85	516.51	11.50	A	16
27	06+57.85	517.54	10.50	A	16
28	06+65.85	518.54	11.50	A	16
29	06+77.85	519.51	11.00	A	16
30	06+95.85	520.51	12.50	A	16
31	07+13.85	520.51	11.00	A	16
32	07+33.85	521.58	12.00	B	16

2

2 9-11-2025

HAM-IR 75-1.05

NOISE WALL DATA TABLES NSA5 AND NSA6

SFN N/A

DESIGN AGENCY B&N burgessniple.com

DESIGNER	CHECKER
MES	SCS

REVIEWER JSB 4/9/25

PROJECT ID 122048

SUBSET	TOTAL
12	12

SHEET	TOTAL
P.242	P.421

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 9/18/2025 TIME: 11:55:34 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Add-Pen.tbl USER: Morgan.Spanopoulos@burgessniple.com WORKSPACE: OHDOTCEv02 WORKSET: 122048 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\122048\401-Engineering_BurgessNiple\Roadway\Sheets\122048_WD002.dgn

ITEM SPECIAL - STRUCTURES: SCREEN WALLS:
ITEM SPECIAL - STRUCTURES: SCREEN WALL JOB STANDARD MOCK-UP:

1. DESCRIPTION:

THIS WORK CONSISTS OF PREPARING SHOP DRAWINGS, FURNISHING, FABRICATING, COATING, AND ERECTING SCREEN WALLS.

SEE SHEETS 65A/88 TO 65E/88 FOR SCREEN WALL DETAILS.

2. FABRICATOR:

SUBMIT DOCUMENTATION DEMONSTRATING THE FABRICATOR HAS SUCCESSFULLY COMPLETED A MINIMUM OF FIVE (5) FABRICATION PROJECTS WITHIN THE PAST TEN (10) YEARS THAT ARE COMPARABLE IN SIZE, MATERIAL (ALUMINUM), AND COMPLEXITY (LASER-CUT OR SIMILARLY INTRICATE PATTERNS). AT LEAST ONE PROJECT MUST INVOLVE INSTALLATION IN AN OUTDOOR ENVIRONMENT EXPOSED TO WEATHER AND PUBLIC VIEW, SUCH AS ON A BRIDGE, RETAINING WALL, TRANSIT STATION, ARCHITECTURAL FAÇADE, OR OTHER COMPARABLE INSTALLATION. INCLUDE A DETAILED DESCRIPTION OF EACH PROJECT, HIGHLIGHTING FABRICATION METHODS, MATERIALS USED, AND INSTALLATION CONTEXT. PROVIDE CONTACT INFORMATION FOR THE OWNER FAMILIAR WITH THE PROJECT'S EXECUTION AND CURRENT CONDITION. SUBMIT THIS INFORMATION TO THE ENGINEER NO LATER THAN THE EARLIER OF TWO (2) WEEKS PRIOR TO THE START OF FABRICATION, OR PRIOR TO THE SUBMISSION OF THE SHOP DRAWINGS.

THE ENGINEER WILL REVIEW THE FABRICATOR'S QUALIFICATIONS. ENGINEER'S ACKNOWLEDGEMENT OF LIKELY CAPABILITY IS REQUIRED BEFORE THE FABRICATOR MAY PROCEED WITH ANY WORK.

3. SHOP DRAWINGS:

SUBMIT SHOP DRAWINGS TO THE ODOT OFFICE OF MATERIALS MANAGEMENT (OMM) AND THE ODOT DISTRICT 8 OFFICE OF PLANNING AND ENGINEERING AT LEAST 3 DAYS BEFORE THE PRE-FABRICATION MEETING. THE SUBMISSION TO OMM SHALL INCLUDE A WRITTEN ACCEPTANCE LETTER AND EACH DRAWING. ALSO, FURNISH THE FABRICATOR'S QUALITY CONTROL SPECIALIST WITH THESE DRAWINGS BEFORE THE PRE-FABRICATION MEETING.

HAVE COMPETENT INDIVIDUALS PREPARE AND CHECK THE SHOP DRAWINGS. THE PREPARER(S) AND CHECKER(S) SHALL INITIAL EACH SHEET AND SHALL BE DIFFERENT INDIVIDUALS. PROVIDE, ON THE COVER SHEET OR SUBMITTAL LETTER, THE FIRST NAME, LAST NAME AND INITIALS OF EACH PREPARER AND CHECKER PERFORMING WORK ON THE SHOP DRAWINGS. HAVE AN OHIO REGISTERED ENGINEER SIGN, SEAL AND DATE THE SHOP DRAWING COVER SHEET OR SUBMITTAL LETTER ACCORDING TO ORC 4733 AND OAC 4733-35 CONFIRMING THAT THE SHOP DRAWINGS MEET THE INTENT OF THE CONTRACT. IF MULTIPLE PREPARERS OR MULTIPLE CHECKERS CREATED THE DRAWING, THEN THE COVER SHEET OR SUBMITTAL LETTER SHALL CLEARLY INDICATE THE PORTIONS FOR WHICH EACH PERSON IS RESPONSIBLE. HAVE ALL QUESTIONS AND COMMENTS ADDRESSED BEFORE SUBMITTING THE SHOP DRAWINGS.

THE CONTRACTOR'S WRITTEN ACCEPTANCE LETTER SHALL DOCUMENT ACCEPTANCE OF THE SHOP DRAWINGS INCLUDING CONFIRMATION OF FIELD VERIFICATION, AS REQUIRED, AND DESCRIPTIONS OF ISSUES RESOLVED BETWEEN THE CONTRACTOR, THE FABRICATOR, OR THE DEPARTMENT.

BY ACCEPTING THESE SHOP DRAWINGS, THE CONTRACTOR REPRESENTS TO THE DEPARTMENT THAT ALL DIMENSIONS AND ELEVATIONS OF EXISTING CONDITIONS SHOWN ON THE PLANS HAVE BEEN FIELD MEASURED AND VERIFIED, AND THAT THESE SHOP DRAWINGS COMPLY WITH ALL THE MATERIALS REQUIREMENTS, CONSTRUCTION REQUIREMENTS, CONTRACT REQUIREMENTS, AND PERFORMANCE CRITERIA. THE CONTRACTOR FURTHER REPRESENTS THAT THESE DRAWINGS HAVE BEEN COORDINATED AND VERIFIED WITH THE DETAILS OF THE WORK TO BE PERFORMED BY OTHER FABRICATORS AND ENTITIES ON THE PROJECT. THE DEPARTMENT WILL NOT MAKE ANY ALLOWANCE FOR ADDITIONAL COST OR DELAYS TO THE CONTRACTOR FOR INCORRECT FABRICATION AS A RESULT OF FAILURE TO COORDINATE OR PERFORM THIS ACCEPTANCE.

IF THE DEPARTMENT REQUESTS CHANGES ON THESE SHOP DRAWINGS, OR THE CONTRACTOR MAKES CHANGES IN ADDITION TO THOSE EXPRESSLY REQUESTED, REVISE THE SHOP DRAWINGS AND SUBMIT A NEW COVER SHEET, SIGNED, SEALED AND DATED BY AN OHIO REGISTERED ENGINEER WITH SUITABLE REVISION MARKS TO IDENTIFY THE CHANGES.

SCHEDULE THE PRE-FABRICATION MEETING AFTER OMM RECEIVES THE DRAWINGS. FABRICATION MAY BEGIN AFTER THE PRE-FABRICATION MEETING IS COMPLETE.

4. MATERIAL REQUIREMENTS:

SUBMIT MILL TEST REPORTS FOR STRUCTURAL STEEL AND ALUMINUM ACCORDING TO C&MS 501.06.B.

5. FABRICATION REQUIREMENTS:

FABRICATE COMPONENTS PER C&MS 513. CONDUCT A PRE-FABRICATION MEETING PER 513.07.

ALL PLAN DIMENSIONS ARE MEASURED ALONG THE HORIZONTAL. SEE SITE PLAN FOR VERTICAL PROFILE.

WELDING OF STEEL MEMBERS SHALL CONFORM TO THE REQUIREMENTS OF THE AASHTO/AWS D1.5M/D1.5 BRIDGE WELDING CODE. WELDING OF ALUMINUM MEMBERS SHALL CONFORM TO THE REQUIREMENTS OF AWS D1.2/D1.2M STRUCTURAL WELDING CODE - ALUMINUM.

PERFORM ALL SHOP WELDING PRIOR TO GALVANIZING OF STEEL MEMBERS AND PAINTING OF ALUMINUM MEMBERS.

6. COATINGS:

SEE SHEETS 65A/88 TO 65E/88 FOR GALVANIZING REQUIREMENTS.

4 PAINT SHALL BE A CATALYZED ACRYLIC POLYURETHANE PAINT SYSTEM, MATTHEWS PAINT SYSTEM OR APPROVED EQUAL, AND FINISHED WITH A HIGH-PERFORMANCE GRAFFITI-RESISTANT GLOSS CLEAR COAT. ALUMINUM ELEMENTS SHALL BE PAINTED [COLOR TBD]. STEEL ELEMENTS SHALL BE PAINTED [COLOR TBD].

FOLLOW ALL MANUFACTURER'S WRITTEN INSTRUCTIONS REGARDING SURFACE PREPARATION, MIXING, STORAGE, EQUIPMENT, APPLICATION, COATING THICKNESSES, DRYING TIMES AND ANY OTHER INSTRUCTIONS PROVIDED BY THE MANUFACTURER.

PROTECT COATINGS DURING TRANSPORTATION AND ERECTION. REPAIR GALVANIZING DAMAGED DURING TRANSPORTATION OR ERECTION PER C&MS 711.02. REPAIR PAINT DAMAGED DURING TRANPORTATION OR ERECTION ACCORDING TO PAINT MANUFACTURER'S INSTRUCTIONS.

7. JOB STANDARD MOCK-UP:

PROVIDE A JOB STANDARD MOCK-UP FABRICATED, GALVANIZED, PAINTED, AND DELIVERED TO THE JOB SITE FOR ENGINEER'S APPROVAL BEFORE FABRICATION OF THE PROJECT SCREEN WALL BEGINS. THE JOB STANDARD MOCK-UP SHALL MEET THE FOLLOWING REQUIREMENTS:

A. PROVIDE PROPER HANDLING, DELIVERY, AND MAINTENANCE OF THE JOB STANDARD MOCK-UP THROUGH THE DURATION OF THE PROJECT.

B. PROVIDE A JOB STANDARD MOCK-UP CONSISTING OF A FULL-SIZE SCREENING PANEL FABRICATED USING THE SAME MATERIALS, METHODS, FINISH, AND PATTERN AS PROPOSED FOR THE FINAL INSTALLATION. THE MOCK-UP SHALL INCLUDE ALUMINUM LASER-CUT PANEL, ALUMINUM CONNECTION ANGLES, STEEL BASE PLATES, POSTS, AND CONNECTION ANGLES.

C. IF THE JOB STANDARD MOCK-UP IS ACCEPTED BY THE ENGINEER, IT MAY BE INCORPORATED INTO THE PERMANENT WORK.

D. JOB STANDARD MOCK-UPS WHICH DO NOT MEET THE REQUIREMENTS IN THE PLANS WILL BE REJECTED AND WILL NOT BE COMPENSATED. THE ENGINEER MAY REQUEST ADDITIONAL MOCK-UPS IF NECESSARY TO MEET ADDITIONAL OWNER IDENTIFIED AESTHETIC OR FUNCTIONAL REQUIREMENTS. IF A MOCK-UP IS NOT ACCEPTED DUE TO OWNER REQUESTED FUNCTIONAL CHANGES, IT WILL STILL BE PAID FOR AS A SCREEN WALL MOCK-UP AND THE CONTRACTOR SHALL FURNISH A REPLACEMENT PANEL AS NEEDED. FABRICATION COST INCREASES DUE TO OWNER REQUESTED FUNCTIONAL CHANGES WILL BE PAID SEPARATELY, HOWEVER, ADDITIONAL MOCK-UPS MAY BE SUBMITTED AND WILL BE PAID FOR UNDER THE SAME BID ITEM.

E. THE FIRST JOB STANDARD MOCK-UP ACCEPTED BY THE ENGINEER WILL SERVE AS THE STANDARD FOR EVALUATING ALL SUBSEQUENT PANELS. ALL PRODUCTION PANELS SHALL BE MANUFACTURED USING THE SAME FABRICATION METHOD, FABRICATION QUALITY, MATERIALS, AND FINISH TO ENSURE A UNIFORM APPEARANCE.

F. EACH PANEL SHALL BE DELIVERED TO THE JOB SITE FOR EVALUATION AND VERIFICATION THAT ALL SPECIFIED REQUIREMENTS CAN BE MET. PANELS THAT DO NOT REPLICATE THE ACCEPTED JOB STANDARD MOCK-UP PANEL IN COLOR, FABRICATION QUALITY, TEXTURE, PATTERN FIDELITY, OR COATING QUALITY WILL BE REJECTED.

8. METHOD OF MEASUREMENT:

THE DEPARTMENT WILL MEASURE SCREEN WALLS BY THE NUMBER OF FEET FROM CENTERLINE TO CENTERLINE OF END POSTS.

9. BASIS OF PAYMENT:

4 THE DEPARTMENT WILL PAY FOR ACCEPTED QUANTITIES AT THE CONTRACT UNIT PRICE BID PER LINEAR FOOT FOR ITEM SPECIAL – STRUCTURES: SCREEN WALLS. THIS PAYMENT SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS, EQUIPMENT, AND INCIDENTALS NECESSARY TO COMPLETE THE SCREEN WALL SYSTEM IN A SATISFACTORY AND WORKMANLIKE MANNER, AS SHOWN IN THE PLANS AND DESCRIBED HEREIN—EXCLUDING THE MOCK-UP ASSEMBLY.

MOCK-UP ASSEMBLIES WILL BE PAID FOR SEPARATELY UNDER THE BID ITEM ITEM SPECIAL – STRUCTURES: SCREEN WALL JOB STANDARD MOCK-UP, EACH.

ITEM 507 - 12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN, AS PER PLAN:
ITEM 507 - 14"CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN, AS PER PLAN:

FOLLOWING REMOVAL OF EXISTING CONCRETE FOOTINGS WITHIN THE PROPOSED BRIDGE LIMITS, FIELD LOCATE, BY SURVEY, EACH OF THE EXISTING PILES AT THE FOLLOWING LOCATIONS AND PROVIDE A SCALED DRAWING TO THE ENGINEER ILLUSTRATING THE EXISTING PILES AND THE PROPOSED PILE LOCATIONS:

EXISTING PIER 1 (PROPOSED REAR ABUTMENT)

EXISTING PIER 2 (PROPOSED PIER 1)

EXISTING PIER 4 (PROPOSED PIER 2)

EXISTING FORWARD ABUTMENT (PROPOSED FORWARD ABUTMENT)

DEPICT POTENTIAL PILE CONFLICTS WITH CONFLICT DIMENSIONS ON THE DRAWING AND PROPOSE NEW LOCATIONS OF THE PILES. THE ENGINEER WILL COORDINATE WITH THE DESIGNER OF RECORD TO ADJUST THE PILE LAYOUT TO AVOID CONFLICTS. PROVIDE THE PILE LAYOUT DRAWING AT LEAST 10 WORKING DAYS PRIOR TO PROPOSED COMMENCEMENT OF PILE DRIVING OPERATIONS. THE ENGINEER WILL PROVIDE A MODIFIED PILE LAYOUT ON OR BEFORE 10 WORKING DAYS. BEGIN PILE DRIVING OPERATIONS FOLLOWING RECEIVING THE MODIFIED PILE LAYOUT. INCLUDE SPECIFIC TASKS IN THE CPM SCHEDULE FOR SUBMITTAL OF THE PILE LAYOUT DRAWING AS WELL AS TIME TO RECEIVE A MODIFIED PILE LAYOUT. DRIVE PILES TO THE DESIGNATED ULTIMATE BEARING VALUE PER THE REQUIREMENTS OF ITEM 507.

ITEM 509 - CONCRETE REINFORCEMENT, MISC.: ADDITIONAL GALVANIZED STEEL REINFORCEMENT FOR FOOTINGS:

IT IS ANTICIPATED THAT THE GALVANIZED REINFORCING STEEL, AS SHOWN IN THE PLANS FOR THE FOOTINGS, MAY CHANGE BASED ON THE LOCATION OF THE EXISTING PILING. SEE ITEM 507 - 12"CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN, AS PER PLAN AND ITEM 507 - 14"CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN, AS PER PLAN FOR ADDITIONAL INFORMATION. THE FINAL GALVANIZED REINFORCING STEEL DETAILS WILL BE PROVIDED WITH THE MODIFIED PILE LAYOUT REFERENCED IN ITEM 507 - 12"CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN, AS PER PLAN AND ITEM 507 - 14"CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN, AS PER PLAN. INCLUDE SPECIFIC TASKS IN THE CPM SCHEDULE FOR THE NECESSARY TIME REQUIRED TO OBTAIN ADDITIONAL GALVANIZED REINFORCING STEEL BASED ON THE FINAL REINFORCING DETAILS FOR THE FOOTINGS BASED ON THE MODIFIED PILE LAYOUT. COMPENSATION FOR ANY ADDITIONAL GALVANIZED REINFORCING STEEL REQUIRED BASED ON THE MODIFIED PILE LAYOUT WILL BE MADE UNDER THIS ITEM. IN ADDITION TO THE PROVISIONS OF ITEM 509, FIELD BEND AND/OR FIELD CUT THE STEEL REINFORCEMENT DESIGNATED IN THE PLANS, AS NECESSARY, IN ORDER TO MAINTAIN THE REQUIRED CLEARANCES AND BAR SPACINGS. REPAIR ALL DAMAGE TO THE BAR COATING ACCORDING TO C&MS 709.16.

A QUANTITY OF 4,000 LBS. OF ITEM 509 - CONCRETE REINFORCEMENT, MISC.: ADDITIONAL GALVANIZED STEEL REINFORCEMENT FOR FOOTINGS HAS BEEN INCLUDED FOR THIS PURPOSE.

511 - CLASS QC1 CONCRETE WITH QC/QA, FOOTING, AS PER PLAN:

THE DIMENSIONS OF THE FOOTINGS MAY CHANGE BASED ON THE LOCATION OF THE EXISTING PILING. A QUANTITY OF 10% OF THE FOOTING VOLUME HAS BEEN ADDED TO HELP ACCOUNT FOR PILE PLACEMENT VARIANCES. SEE ITEM 507 - 12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN, AS PER PLAN AND ITEM 507 - 14"CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN, AS PER PLAN FOR ADDITIONAL INFORMATION. THE FINAL DIMENSIONS OF THE FOOTINGS WILL BE PROVIDED WITH THE MODIFIED PILE LAYOUT REFERENCED IN ITEM 507 - 12"CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN, AS PER PLAN AND ITEM 507 - 14"CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN, AS PER PLAN. ADJUSTMENTS TO THE DIMENSIONS OF THE FOOTINGS BASED ON THE LOCATION OF THE EXISTING PILING IS CONSIDERED INCIDENTAL TO THIS ITEM. PAYMENT WILL BE IN ACCORDANCE WITH C&MS 511.23 AND CALCULATIONS FROM PLAN DIMENSIONS, IN PLACE, COMPLETED AND ACCEPTED WILL BE BASED UPON THE FINAL DIMENSIONS OF THE FOOTINGS PROVIDED WITH THE MODIFIED PILE LAYOUT REFERENCED IN ITEM 507 - 12"CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN, AS PER PLAN AND ITEM 507 - 14"CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN, AS PER PLAN.

ITEM SPECIAL - BRIDGE PILASTER STORY PANELS:

THIS ITEM OF WORK CONSISTS OF PREPARING SHOP DRAWINGS, FURNISHING, FABRICATING, COATING, AND ERECTING STORY PANELS ON THE CONCRETE END PILASTERS.

SEE SHEET 63A/88 FOR STORY PANEL DETAILS.

SECTIONS 3-6 OF THE GENERAL NOTES FOR ITEM SPECIAL - STRUCTURES: SCREEN WALLS SHALL APPLY TO THIS ITEM OF WORK.

JOB STANDARD MOCK-UP:

PROVIDE A JOB STANDARD MOCK-UP FABRICATED, COATED, AND DELIVERED TO THE JOB SITE FOR ENGINEER'S APPROVAL BEFORE FABRICATION OF THE PROJECT STORY PANELS BEGINS. THE JOB STANDARD MOCK-UP SHALL MEET THE FOLLOWING REQUIREMENTS:

A. PROVIDE PROPER HANDLING, STORAGE, DELIVERY, AND MAINTENANCE OF THE MOCK-UP THROUGHOUT THE DURATION OF THE PROJECT. THE DEPARTMENT SHALL TAKE POSSESSION OF THE MOCK-UP AT A TIME AGREED UPON BY THE ENGINEER AND CONTRACTOR.

B. THE MOCK-UP SHALL CONSIST OF A COMPLETED STORY PANEL, ADHERED TO A PREFORMED BEARING PAD AS SHOWN IN THE PLANS.

C. AFTER THE JOB STANDARD MOCK-UP HAS BEEN DELIVERED TO THE JOB SITE, THE CONTRACTOR SHALL STORE THE MOCK-UP IN A LOCATION AGREED UPON BY THE ENGINEER AND CONTRACTOR TO ALLOW FOR INSPECTION. MOUNTING OF THE MOCK-UP TO A CONCRETE ELEMENT IS NOT REQUIRED.

D. FOR ANY PORTIONS OF THE MOCK-UP REJECTED BY THE ENGINEER, REPAIR OR REPLACE, TO THE SATISFACTION OF THE ENGINEER, INCLUDING BUT NOT LIMITED TO COATINGS AND COATING COLORS.

E. FULL FABRICATION OF THE STORY PANELS WILL NOT COMMENCE UNTIL THE ENGINEER GIVES WRITTEN NOTICE OF ACCEPTANCE OF THE MOCK-UP.

F. THE MOCK-UP WILL BE USED BY THE ENGINEER FOR THE DURATION OF THE PROJECT TO ASSURE THE QUALITY AND CONSISTENCY OF ALL STORY PANELS USED ON THE BRIDGE. THE ENGINEER WILL REJECT ANY AND ALL PANELS THAT DO NOT REPLICATE THE ACCEPTED PROPERTIES OF THE MOCK-UP.

G. UPON APPROVAL BY THE ENGINEER, THE MOCK-UP MAY BE USED AS ONE OF THE PROJECT STORY PANELS.

METHOD OF MEASUREMENT:

THE DEPARTMENT WILL MEASURE STORY PANELS BY THE NUMBER OF EACH.

BASIS OF PAYMENT:

THE DEPARTMENT WILL PAY FOR ACCEPTED QUANTITIES AT THE UNIT PRICE BID PER EACH FOR ITEM SPECIAL - BRIDGE PILASTER STORY PANELS, WHICH SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS, EQUIPMENT, AND INCIDENTALS NECESSARY TO COMPLETE THIS ITEM OF WORK IN A SATISFACTORY AND WORKMANLIKE MANNER, AS SHOWN IN THE PLANS AND DESCRIBED HEREIN.

4 9-19-25

GENERAL NOTES - 4A
BRIDGE NO. HAM-75-0104
LINN STREET OVER IR-75 AND GEST STREET

SFN 3109098
DESIGN AGENCY B&N burgessniple.com
DESIGNER BES | CHECKER MAB
REVIEWER XAC 8/27/25
PROJECT ID 122048
SUBSET 6A | TOTAL 88
SHEET P.248A | TOTAL P.421

HAM-IR 75-1.05

ESTIMATED QUANTITIES						CALC.	DATE	CHK'D	DATE
						XAC/BES	4/9/2025	JDG/MAB	4/9/2025
ITEM	ITEM EXT.	TOTAL	UNIT	DESCRIPTION	ABUT.	PIERS	SUPER.	GENERAL	SHT. REF.
526	90030	180	FT	TYPE C INSTALLATION				180	
~~SPECIAL~~	~~53000200~~	~~1~~	~~LS~~	~~STRUCTURES: TEMPORARY SUPPORTS FOR GIRDERS~~			~~LS~~		~~3/88~~
4 SPECIAL	53000400	2	EACH	STRUCTURES: SCREEN WALL JOB STANDARD MOCK-UP			2		6A/88
~~SPECIAL~~	~~53001300~~	~~728~~	~~FT~~	~~STRUCTURES: SCREEN WALLS~~			~~728~~		~~6A/88~~
SPECIAL	53014000		LS	STRUCTURAL SURVEY AND MONITORING OF VIBRATION				LS	4/88
601	21001	69	SY	CONCRETE SLOPE PROTECTION, AS PER PLAN	69				20,24/88
605	13301	316	FT	6" UNCLASSIFIED PIPE UNDERDRAINS, AS PER PLAN				316	4/88
605	98300	20	EACH	UNDERDRAINS, MISC.: CLEANOUT			20		72/88
605	98300	4	EACH	UNDERDRAINS, MISC.: DRAINAGE OUTLET AT ABUTMENT	4				72/88
605	98300	2	EACH	UNDERDRAINS, MISC.: DRAINAGE OUTLET AT PIER 1		2			72/88
608	40001	384	FT	CONCRETE STEPS, TYPE A, AS PER PLAN	384				25/88
659	00301	284	CY	TOPSOIL, AS PER PLAN			284		6/88
661	00500	21	CY	MULCH			21		
SPECIAL	69098000	2	EACH	BRIDGE PILASTER LETTERS			2		6/88
SPECIAL	69098000	2	EACH	BRIDGE PILASTER STORY PANELS			2		6A/88
SPECIAL	69098000	48	EACH	PLANTER POTS			48		5/88
840	20000	6010	SF	MECHANICALLY STABILIZED EARTH WALL	6010				
840	21000	3033	CY	WALL EXCAVATION	3033				
840	22000	717	SY	FOUNDATION PREPARATION	717				
840	23000	3283	CY	SELECT GRANULAR BACKFILL	3283				
840	25010	665	FT	6" DRAINAGE PIPE, PERFORATED	665				
840	25020	60	FT	6" DRAINAGE PIPE, NON-PERFORATED	60				
840	26000	420	FT	CONCRETE COPING	420				
840	26050	2812	SF	AESTHETIC SURFACE TREATMENT	2812				3/88
840	27000	5	DAY	ON-SITE ASSISTANCE	5				
840	28000		LS	SGB INSPECTION AND COMPACTION TESTING	LS				

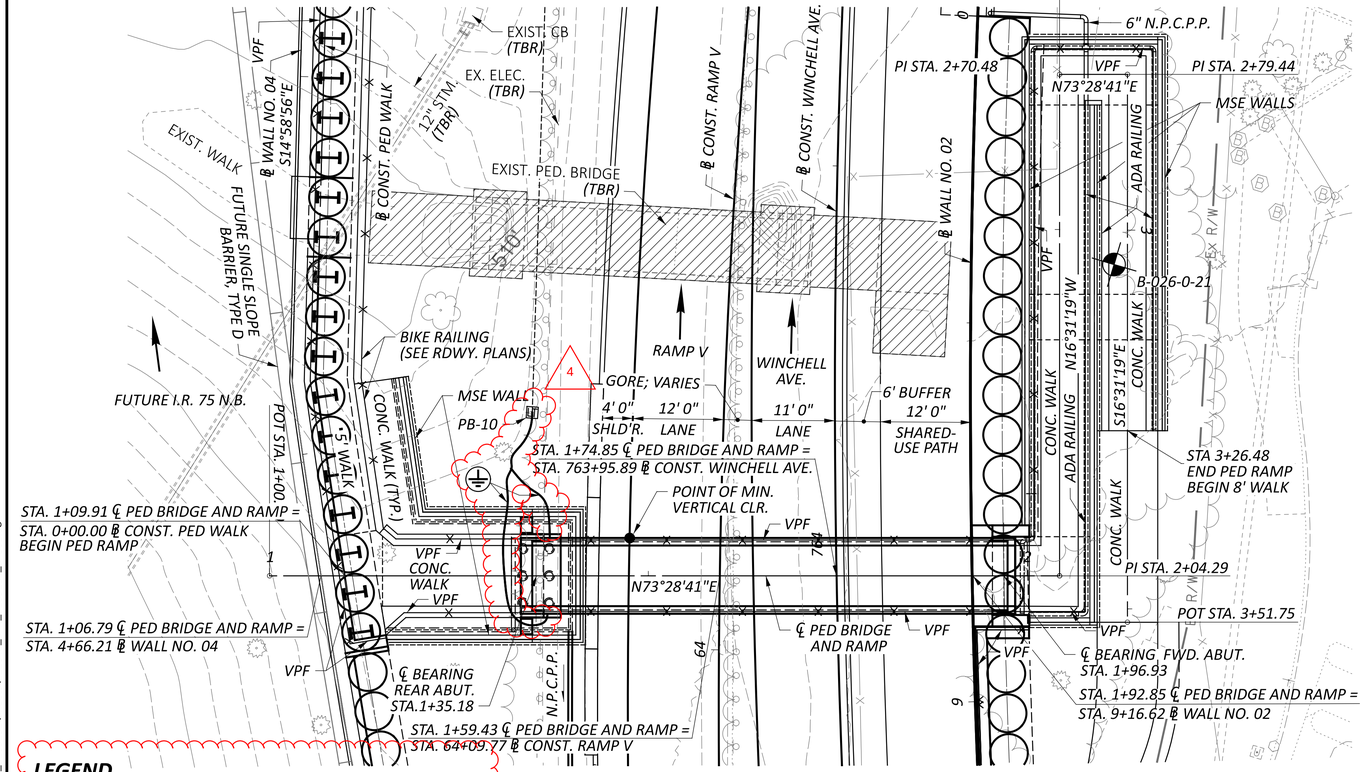
4 9-19-25

ESTIMATED QUANTITIES - 2
BRIDGE NO. HAM-75-0104
LINN STREET OVER IR-75 AND GEST STREET

SFN 3109098
DESIGN AGENCY B&N burgessniple.com
DESIGNER BES | CHECKER XAC
REVIEWER JCS 01/02/25
PROJECT ID 122048
SUBSET 8 | TOTAL 88
SHEET P.250 | TOTAL P.421

HAM-IR 75-1.05

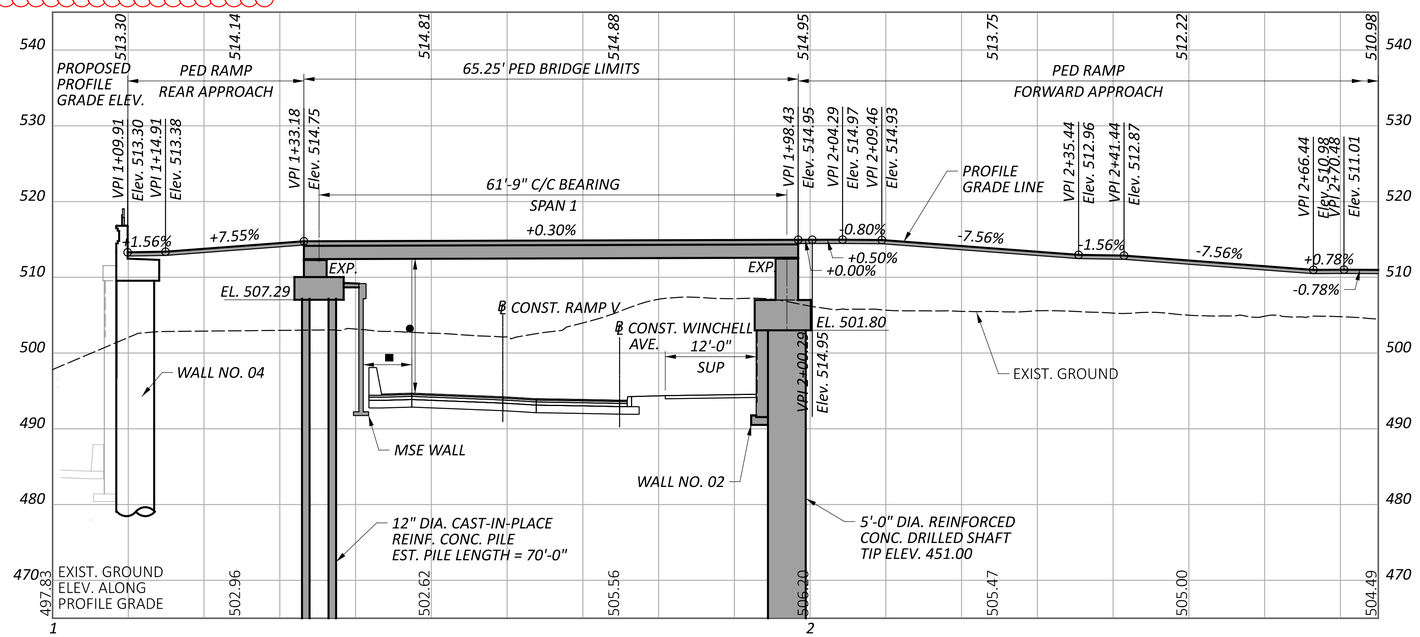
MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 9/22/2025 TIME: 11:20:11 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_UTPen.tbl USER: Jim.Gorsler@burgessniple.com WORKSPACE: OHDOTCEv02 WORKSET: 122048 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\122048\401-Engineering_BurgessNiple\Structures\SFN_3109098_SQ002.dgn



LEGEND

VPF GROUND WIRES TO BE CONNECTED TO GROUND AT PULL BOX 10. SEE SHEET 19/22 FOR VPF CONNECTION DETAILS. SEE LIGHTING PLANS FOR QUANTITY.

4



BENCHMARK DATA

BM #1 STA.	63+71.02 ,	ELEV.	491.77 ,	OFFSET 308.82' LT.,	IRON PIN
BM #2 STA.	63+92.86 ,	ELEV.	492.97 ,	OFFSET 251.23' LT.,	MAG SPIKE
BM #3 STA.	63+56.30 ,	ELEV.	490.92 ,	OFFSET 106.06' LT.,	MAG SPIKE

FOR ADDITIONAL BENCHMARK INFORMATION. SEE ROADWAY PLAN SHEET P.2

NOTES

EARTHWORK LIMITS SHOWN ARE APPROXIMATE. ACTUAL SLOPES SHALL CONFORM TO PLAN CROSS SECTIONS.

LEGEND

- PROJECT BORING LOCATION
- ● 17'-6" REQUIRED MINIMUM VERTICAL CLEARANCE 17'-6⅛" ACTUAL MINIMUM VERTICAL CLEARANCE.
- ■ 5'-8" REQUIRED MINIMUM HORIZONTAL CLEARANCE 6'-3¾" ACTUAL MINIMUM HORIZONTAL CLEARANCE
- EXISTING STRUCTURE TO BE REMOVED

TBR = TO BE REMOVED
SUP = SHARED-USE PATH

EXISTING STRUCTURE

TYPE: REINFORCED CONCRETE RIGID FRAME
SPANS: 36'-0"± CLEAR FACE/FACE PIERS
WIDTH: 8'-0"± TOE/TOE CURB
LOADING: 85 PSF PEDESTRIAN LOAD
SKEW: NONE
WEARING SURFACE: NONE
APPROACH SLABS: NONE
ALIGNMENT: TANGENT
CROWN: 0.0104 FT/FT
STRUCTURE FILE NUMBER: 3109151
DATE BUILT: 1961
DISPOSITION: TO BE REMOVED

PROPOSED STRUCTURE

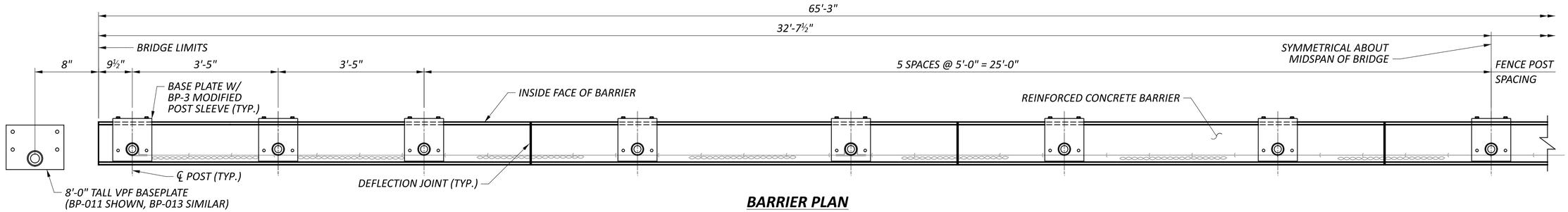
TYPE: SINGLE SPAN, PRESTRESSED CONCRETE BOX BEAMS WITH COMPOSITE REINFORCED CONCRETE DECK SUPPORTED ON CONCRETE STUB ABUTMENT SUPPORTED ON PILES BEHIND MSE WALL EMBANKMENT AND STUB ABUTMENT SUPPORTED ON DRILLED SHAFTS

SPANS: 61'-9" C/C BEARINGS
WIDTH: 8'-0" TOE/TOE CURB
LOADING: 90 PSF PEDESTRIAN LOAD
SKEW: NONE
WEARING SURFACE: NONE
APPROACH SLABS: NONE
ALIGNMENT: TANGENT
CROWN: NONE
DECK AREA: 653 SF
COORDINATES: LATITUDE 39°06'25.27" N
LONGITUDE 84°31'50.13" W

SITE PLAN
BRIDGE NO. HAM-75-0123E
PEDESTRIAN BRIDGE OVER RAMP V AND WINCHELL AVE.

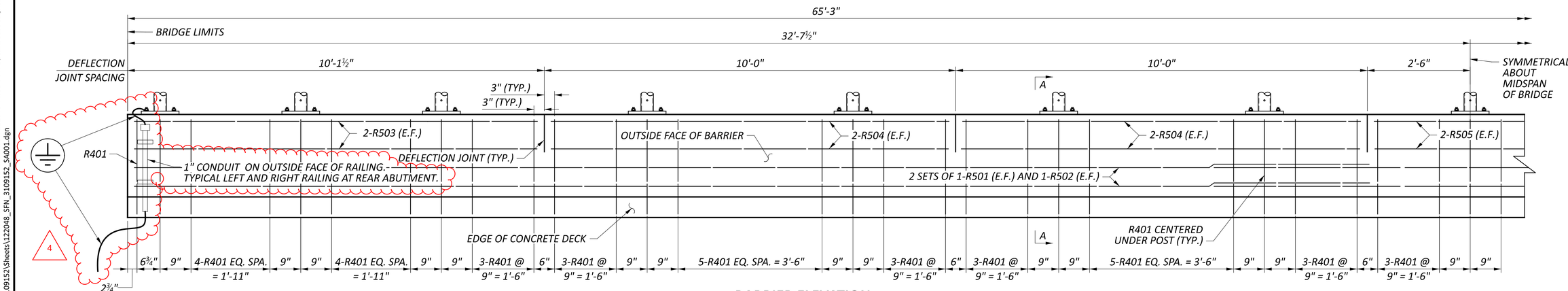
SFN	3109152
DESIGN AGENCY	Palmer Engineering
	8350 E. KEMPER ROAD SUITE B CINCINNATI, OH 45249 (513) 469-1600
DESIGNER	RJB
CHECKER	TES
REVIEWER	BJF 04/11/25
PROJECT ID	122048
SUBSET	1
TOTAL	22
SHEET	P.331
TOTAL	P.421

HAM-IR75-1.05



BARRIER PLAN

SYMMETRICAL ABOUT ℄ HAM-75-0123E

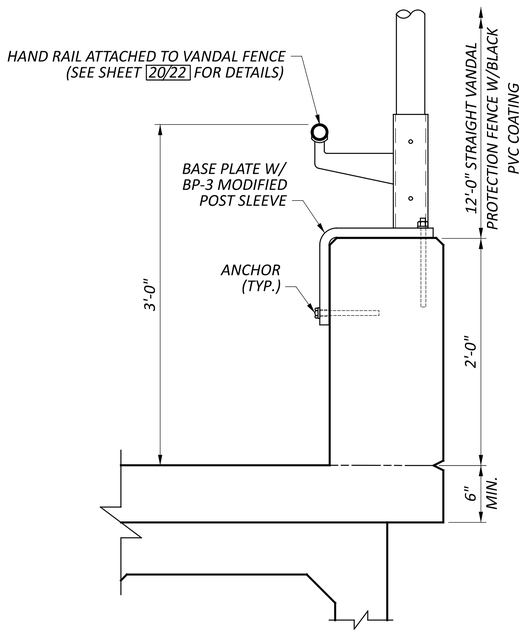


BARRIER ELEVATION

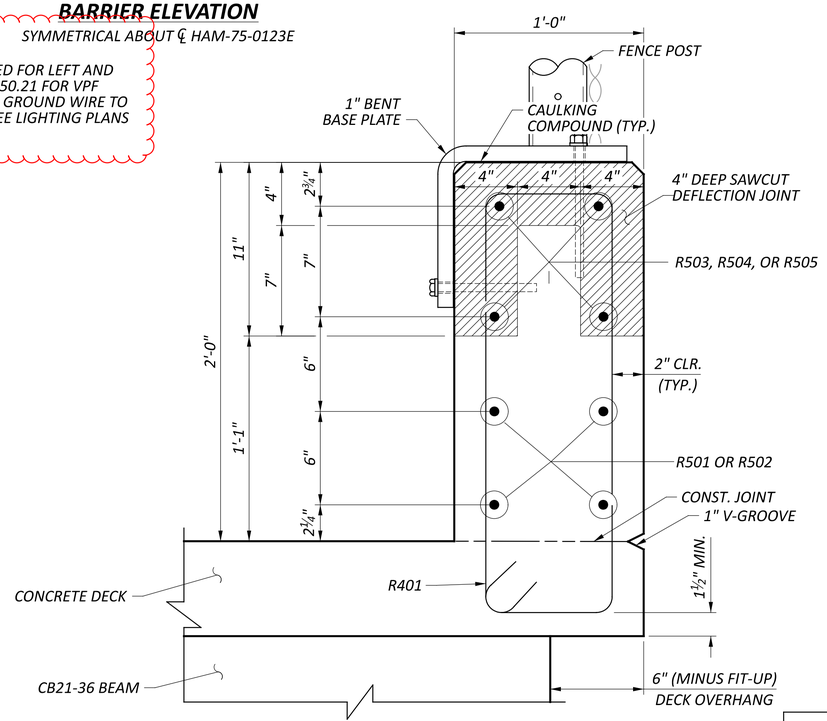
SYMMETRICAL ABOUT ℄ HAM-75-0123E

LEGEND

VPF GROUND WIRE TO BE INSTALLED FOR LEFT AND RIGHT RAILING. SEE STD. DWG. HL-50.21 FOR VPF CONNECTION DETAILS AND NOTES. GROUND WIRE TO BE CONNECTED TO PULL BOX 10. SEE LIGHTING PLANS FOR QUANTITY.



TYPICAL BARRIER SECTION



SECTION A-A

LAP SPLICES

#5 = 3'-2" (LONGITUDINAL)

1	09/01/25	SHEET REVISIONS
ADDM' NO.	DATE	DESCRIPTION
DATE COMPLETED		

BARRIER DETAILS
BRIDGE NO. HAM-75-0123E
PEDESTRIAN BRIDGE OVER RAMP V AND WINCHELL AVE.

SFN 3109152

DESIGN AGENCY

Palmer ENGINEERING
8350 E. KEMPER ROAD
SUITE B
CINCINNATI, OH 45249
(513) 469-1600

DESIGNER	CHECKER
RJB	TES

REVIEWER: BJF 04/11/25

PROJECT ID: 122048

SUBSET	TOTAL
19	22

SHEET	TOTAL
P.349	P.421

HAM-IR75-1.05

MODEL: Elevation Sheet PAPERSIZE: 34x22 (in.) DATE: 9/19/2025 TIME: 8:57:42 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: swalker@palmernet.com WORKSPACE: OHDOTCEv02 WORKSET: 122048 PRODUCT: OpenRoadsDesigner 24.00.00.205
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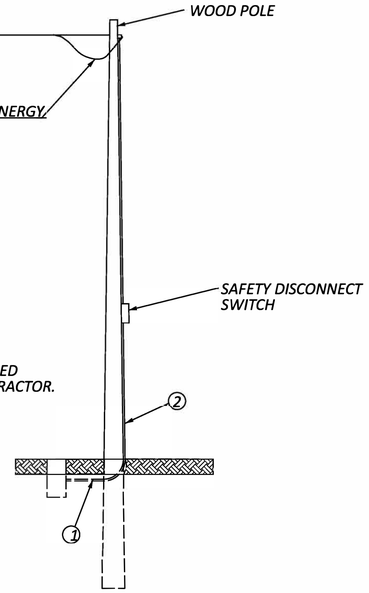
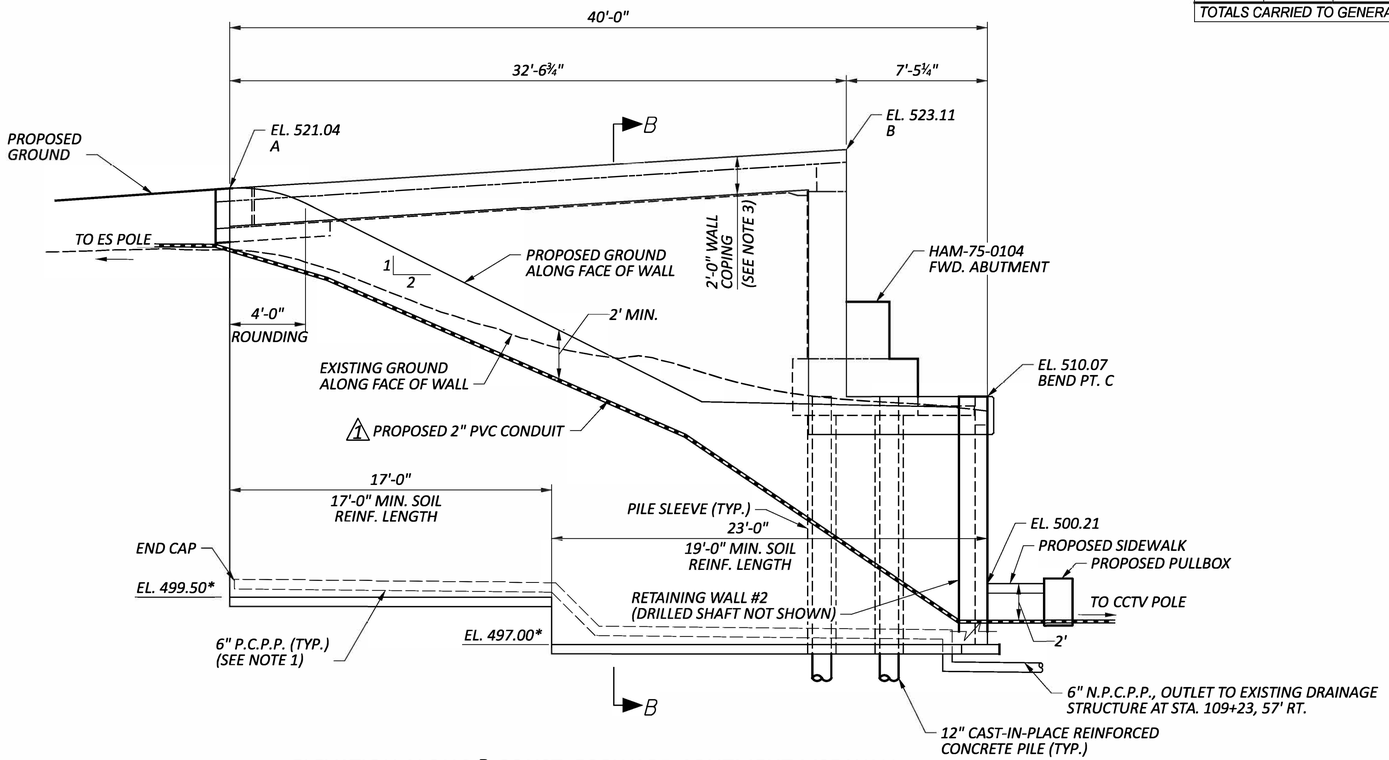


ELECTRIC SERVICE NOTES

1. SEE ELECTRIC SERVICE PLAN SHEETS FOR CABLE ROUTING TO DEVICES.
2. CONDUIT AND RISERS (1-1/2" GALV. STEEL) TO BE SECURED WITH APPROVED STAINLESS STEEL OR GALVANIZED HARDWARE.
3. SERVICE DROP ATTACHMENT DEVICES FURNISHED BY UTILITY COMPANY AND INSTALLED BY CONTRACTOR.
4. ES, TYPE 1 SHALL BE WOOD POLE WITH 30 AMP DISCONNECT. 2 - #6 CU SERVICE IN 2-INCH CONDUIT.

ELECTRIC SERVICE TYPE 1



ELEVATION ALONG ℄ CONST. FORWARD ABUTMENT MSE WALL

(PARAPET NOT SHOWN FOR CLARITY)

REF NO.	SHEET NO.	STATION TO STATION			SIDE	625 CONDUIT, 2", 725.04		625 PULL BOX, 725.08, 18"		625 POWER SERVICE (ITS), AS PER PLAN
			TO			FT		EACH		EACH
		CLP_LINN								
	P.421B	108+86		109+52	LT	75				
	P.421B	109+52			LT			1		
	P.421B	109+52		110+73	LT	116				
	P.421B	110+73		111+05	LT	42				
	P.421B	111+00			LT			1		
	P.421B	111+05			LT					1
TOTALS CARRIED TO GENERAL SUMMARY						233		2		1

1 ADDENDUM NO. 4
NEW PLAN SHEET

LEGEND:

* = TOP OF LEVELING PAD ELEVATION

NOTES:

1. SLOPE 6" DIA. P.C.P.P. A MINIMUM OF 1/8" PER FOOT.
2. FOR SECTION B-B , SEE SHEET 19/88.
3. FOR COPING DETAILS, SEE SHEET 20/88.

ITS DETAILS
LINN STREET OVER IR-75 AND GEST STREET

DESIGN AGENCY
B&N burgessniple.com

DESIGNER SDC
REVIEWER SCS 09/19/25
PROJECT ID 122048
SHEET P.421A TOTAL P.421

HAM-IR 75-1.05

NOTE:
ITEM 625 POWER SERVICE (ITS), AS PER PLAN SHALL INCLUDE ALL MATERIALS AND LABOR TO INSTALL THE NEW POWER SERVICE TO THE EXISTING CCTV CAMERA INCLUDING ES POLE, TYPE 1, DISCONNECT SWITCHES, SPLICE KITS, AND DISTRIBUTION CABLE.

MATCH LINE STA. 57+50.00
SEE SHEET P.223

MATCH LINE STA. 757+50.00
SEE SHEET P.223

MATCH LINE STA. 7+00.00
SEE SHEET P.223

MATCH LINE STA. 107+50.00
SEE SHEET P.226

℄CONST CLP_RAMP V

℄ CONST CLP_LINN

℄ CONST CLP_COURT

EX. 2" FIBER C

CONNECT TO CCTV SAFETY DISCONNECT SWITCH

EX. CCTV POLE

PULL BOX, 725.08, 18"

2- #6 CU SERVICE ⚠1
IN 2-INCH PVC CONDUIT

ES, TYPE 1 POLE

PULL BOX, 725.08, 18"

EX. 24" ELEC

POWER SOURCE
DUKE ENERGY TO PROP. OVERHEAD ELECTRIC TO CCTV POLE

EX. 6" WATE

Ex R/W

EX LA-R/W

EX SE

57 56 757 756 755 6 5 4 113 112 111 110 109 108

HORIZONTAL SCALE IN FEET
0 10 20 40

ITS PLAN

LINN ST - STA. 107+50 to STA. 112+00, COURT ST - STA. 4+00 to STA.7+00
RAMP V - STA. 55+70.77 to STA. 57+50.00, WINCHELL AVE - STA. 754+50 to STA. 757+50

DESIGN AGENCY
B&N burgessniple.com

DESIGNER SDC
REVIEWER SCS 09/19/25
PROJECT ID 122048
SHEET P.421B TOTAL P.421

⚠1 ADDENDUM NO. 4
NEW PLAN SHEET

HAM-IR 75-1.05

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 8/26/2025 TIME: 9:35:31 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: sheila.compton@burgessniple.com WORKSPACE: OHDOTCEv02 WORKSET: 122048 PRODUCT: OpenRoadsDesigner 24.00.00.205
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 08\Hamilton\122048\d01-Engineering_BurgessNiple\Signals\Sheets\122048_CP102.dgn