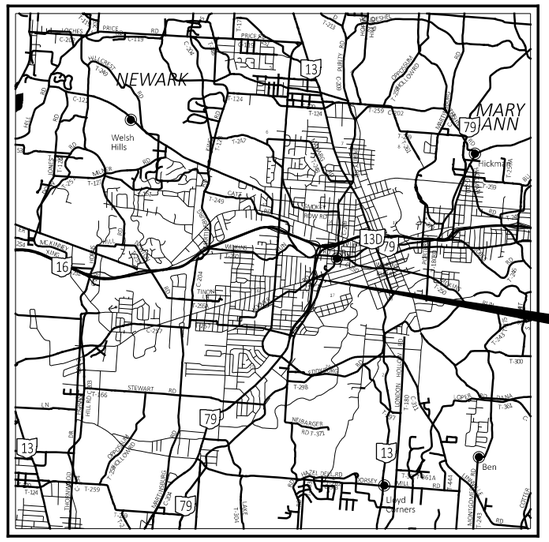
STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

LIC-79-13.30

LICKING COUNTY

CITY OF NEWARK



LOCATION MAP

LATITUDE: 40°3'11" LONGITUDE: -82°25'15"

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

DESIGN DESIGNATION

	S.R.79	MAIN ST.
CURRENT ADT (2021)	*30,000*	*5882*
DESIGN YEAR ADT (2043)	*35,000*	*7293*
DESIGN HOURLY VOLUME (2043)	*3,200*	*729*
DIRECTIONAL DISTRIBUTION	*0.5*	*0.61*
TRUCKS (24 HOUR B&C)	*0.07*	*0.02*
DESIGN SPEED	*60 MPH*	*35 MPH*
LEGAL SPEED	*55 MPH*	*35 MPH*
DESIGN FUNCTIONAL CLASSIFICATION:		
FREEWAY/EXPRESSWAY		
NHS PROJECT	*YES*	

DESIGN EXCEPTIONS

NO

ADA DESIGN WAIVERS

NO

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:
OHIO DEPARTMENT OF TRANSPORTATION
DISTRICT 5

ENGINEER'S SEAL
BRIDGE
STATE OF OHIO
TRACY ALLEN GREENWALD E-71857
REGISTERED PROFESSIONAL ENGINEER
SIGNED:
DATE: 7/10/2022

INDEX OF SHEETS:

STANDARD CONSTRUCTION DRAWINGS

AS-1-15	*7/17/19*	*MT-95.32*	*4/19/19*	*DM-1.1*	*7/17/20*	*TC-41.20*	*10/18/13*	*RM-4.2*	*4/17/20*	*800*	*7/15/22*
AS-2-15	*1/18/19*	*MT-95.41*	*1/17/20*	*DM-4.3*	*1/15/16*	*TC-61.30*	*7/19/19*			*832*	*7/15/22*
		MT-95.50	*7/24/17*	*DM-4.4*	*1/15/16*	*TC-65.10*	*1/17/14*				
BD-1-11	*7/20/18*	*MT-99.50*	*1/17/20*			*TC-65.11*	*7/15/22*				
BR-2-15	*1/21/22*	*MT-99.60*	*7/15/16*	*MGS-1.1*	*7/16/21*						
		MT-101.70	*1/17/20*	*MGS-2.1*	*1/19/18*						
		MT-101.75	*1/17/20*	*MGS-3.1*	*1/19/18*						
		MT-105.10	*1/17/20*	*MGS-5.2*	*7/15/16*						
ICD-2-18	*1/21/22*			*MGS-6.1*	*1/19/18*						
PCB-91	*7/17/20*										
PSBD-2-07	*7/20/18*										
VPF-1-90	*7/20/18*										

FEDERAL PROJECT NUMBER

E170163

RAILROAD INVOLVEMENT

NA

PROJECT DESCRIPTION

REPLACE SUPERSTRUCTURE (BOX BEAMS WITH NEW BOX BEAMS) COMPOSITE DECK, REPLACE SIDEWALKS, INTEGRAL ABUTMENT; REPLACE FENCE ON BRIDGE; PATCH AND WRAP PIERS.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA:	*0.50 ACRES*
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	*0.33 ACRES*
NOTICE OF INTENT EARTH DISTURBED AREA:	*N/A (NOI not required)*

LIMITED ACCESS

THIS IMPROVEMENT IS ESPECIALLY DESIGNED FOR THROUGH TRAFFIC AND HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY OR FREEWAY BY ACTION OF THE DIRECTOR IN ACCORDANCE WITH THE PROVISIONS OF SECTION 5511.02 OF THE OHIO REVISED CODE.

2019 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS AND CHANGES LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

APPROVED _____
DATE _____ *DISTRICT DEPUTY DIRECTOR*

APPROVED _____
DATE _____ *DIRECTOR, DEPARTMENT OF TRANSPORTATION*

TITLE SHEET

DESIGN AGENCY

DESIGNER YEL
REVIEWER TAG 07-10-22
PROJECT ID 98279
SHEET 1 TOTAL 59

LIC-79-13.30

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 10/20/2022 TIME: 11:07:14 AM USER: tgreenwa
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Licking\98279\400-Engineering\Roadway\Sheets\98279_GT001.dgn

OEPA NOTIFICATION OF DEMOLITION AND RENOVATION

AN ASBESTOS SURVEY FOR THE LIC-79-1331 BRIDGE SCHEDULED FOR DEMOLITION WORK WAS CONDUCTED BY A CERTIFIED ASBESTOS HAZARD EVALUATION SPECIALIST. A COPY OF THE ASBESTOS SURVEY REPORT FOR THE BRIDGE HAS BEEN INCLUDED IN THE PLAN PACKAGE FOR THIS PROJECT. THE ASBESTOS SURVEY REPORT DID NOT IDENTIFY THE PRESENCE OF ANY ASBESTOS CONTAINING MATERIALS.

A COPY OF THE OHIO ENVIRONMENTAL PROTECTION AGENCY (OEPA) NOTIFICATION OF DEMOLITION AND RENOVATION FORM, PARTIALLY COMPLETED BY THE ASBESTOS HAZARD EVALUATION SPECIALIST, HAS BEEN INCLUDED AT THE END OF THE ASBESTOS SURVEY REPORT. THE CONTRACTOR SHALL COMPLETE THE NECESSARY SECTIONS OF THE FORM AND SUBMIT IT WITH A COPY OF THE ASBESTOS SURVEY REPORT AND APPLICABLE NOTIFICATION FEE TO:

ASBESTOS PROGRAM
OHIO EPA, DAPC
PO BOX 1049
COLUMBUS OH 43216-1049

AT LEAST 10 WORKING DAYS PRIOR TO THE START OF ANY DEMOLITION WORK.

NOTE: OHIO EPA'S ELECTRONIC NOTIFICATION SYSTEM IS NOW ONLINE AND WILL BE MADE THE REQUIRED METHOD OF NOTIFICATION SOMETIME IN 2018. ADDITIONAL INFORMATION CAN BE FOUND HERE:
http://epa.ohio.gov/dapc/atu/asbestos.aspx#179575188-project-notification

BASIS FOR PAYMENT: THE CONTRACTOR SHALL FURNISH ALL FEES, LABOR, AND MATERIAL NECESSARY TO COMPLETE AND SUBMIT THE OEPA NOTIFICATION FORM. PAYMENTS FOR THIS WORK SHALL BE INCIDENTAL TO THE ITEM 202 STRUCTURE REMOVAL ITEM(S) IN THE PLAN. A MINIMUM NESHAP NOTIFICATION FEE OF $75.00 WILL BE REQUIRED.

INSPECTION FOR BATS AND NESTING BIRDS

PRIOR TO THE START OF DEMOLITION ACTIVITIES, THE CONTRACTOR SHALL INSPECT THE UNDERSIDE OF THE BRIDGES FOR THE PRESENCE OF BATS OR NESTING BIRDS. IF ANY BATS OR BIRD NESTS ARE OBSERVED, THE CONTRACTOR SHALL NOTIFY BRIAN TATMAN @ (740) 323-5191 (BRIAN.TATMAN@DOT.OHIO.GOV) OR NICOLE HAFER-LIPSTREU @ (740) 323-5103 (NICOLE.HAFERLIPSTREU@DOT.OHIO.GOV) IN THE DISTRICT 5 PLANNING DEPARTMENT PRIOR TO STARTING ANY DEMOLITION WORK.

ITEM 614, MAINTAINING TRAFFIC

THROUGH TRAFFIC SHALL BE MAINTAINED AT ALL 7/59 THRU 17/59. ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH ITEM 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT, MATERIALS AND TOOLS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLANS.

ITEM 614, WORK ZONE IMPACT ATTENUATOR (UNIDIRECTIONAL OR BIDIRECTIONAL)

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

INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS IN ACCORDANCE WITH THE MANUFACTURER'S

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

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

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

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

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

COOPERATION BETWEEN CONTRACTORS

THE STATE OF OHIO HAS CONTRACTED PROJECTS LIC-16/79-VAR. PID 110414 AND D05-BP-FY2023 PID 102530, WHICH MAY BE CONSTRUCTED CONCURRENTLY WITH THIS PROJECT. IT IS IMPERATIVE THAT THE CONTRACTORS COOPERATE FULLY WITH EACH OTHER AS OUTLINED IN SECTION 105.08 OF THE CMS MANUAL. ALL MAINTENANCE OF TRAFFIC SHALL BE COORDINATED BETWEEN PROJECTS AND NOT CONFLICTING WITH ONE ANOTHER.

SIGNAL TIMING MODIFICATIONS

FOR ANY SIGNAL TIMING MODIFICATION DURING PHASED CONSTRUCTION YOU CAN CONTACT THE CITY OF NEWARK ENGINEERING OFFICE'S BJ VARNER AT 740-404-4696. IF ANY MODIFICATIONS ARE DONE TO THE SIGNAL TIMING THEY SHALL BE RETURNEDTO THERE ORGINAL TIMING SEQUENCE.

FLOODLIGHTING

FLOODLIGHTING OF THE WORK SITE FOR OPERATIONS CONDUCTED DURING NIGHTTIME PERIODS SHALL BE ACCOMPLISHED SO THAT THE LIGHTS DO NOT CAUSE GLARE TO THE DRIVERS ON THE ROADWAY. TO ENSURE THE ADEQUACY OF THE FLOODLIGHT PLACEMENT, THE CONTRACTOR AND THE ENGINEER SHALL DRIVE THROUGH THE WORK SITE EACH NIGHT WHEN THE LIGHTING IS IN PLACE AND OPERATIVE PRIOR TO COMMENCING WORK. IF GLARE IS DETECTED, THE LIGHT PLACEMENT AND SHEILDING SHALL BE ADJUSTED TO THE SATISFACTION OF THE ENGINEER BEFORE WORK PROCEEDS.

PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614 MAINTAINING TRAFFIC.

GENERAL / MOT NOTES (SHEET 2)

DESIGN AGENCY

DESIGNER
YEL

REVIEWER
TAG 7-10-22

PROJECT ID
98279

SHEET 5 | TOTAL 59

LIC-79-13.30

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 WILL NOT BE PERMITTED AT PROJECT COST. 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).

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: 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).

FOR OPERATIONS WITHOUT POSITIVE PROTECTION OCCURRING WITHIN 10 FEET OF AN OPEN TRAVELED LANE THAT MEET ALL OF THE FOLLOWING 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)*

"WITHOUT POSITIVE PROTECTION" MEANS USE OF DRUMS, CONES, SHADOW VEHICLE, ETC, WITHOUT PROTECTION FROM PORTABLE BARRIER OR OTHER RIGID BARRIER ALONG THE WORK AREA. THIS PHRASE DOES NOT APPLY TO CASES WHERE POSITIVE PROTECTION IS REQUIRED. MOBILE OPERATIONS ARE REGARDED AS "WITHOUT POSITIVE PROTECTION". FOR WORK ZONES USING A COMBINATION OF BARRIER AND TEMPORARY TRAFFIC CONTROL DEVICES (CONES, DRUMS, ETC), THE DESIGNATION SHALL BE BASED UPON THE TYPE OF DEVICES USED IN THE AREA THAT WORKERS ARE LOCATED.

IF MULTIPLE ACTIVE LOCALIZED QUALIFYING WORK AREAS OCCUR WITHOUT POSITIVE PROTECTION, PER MAINLINE TRAFFIC DIRECTION, PROVIDE A UNIFORMED LEO AND OFFICIAL PATROL CAR IN ADVANCE OF:
- *THE FIRST ACTIVE WORK AREA THAT DRIVERS WILL ENCOUNTER; OR*
- *THE ACTIVE WORK AREA LATERALLY CLOSEST TO THE OPEN TRAVELED LANE; OR*
- *OTHER LOCATION AS APPROVED BY THE ENGINEER.*

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

THE UNIFORMED LEO AND OFFICIAL PATROL CAR MAY RELOCATE AMONG THE LISTED LOCATIONS AS APPROPRIATE AS THE OPERATIONS PROCEED IN THE LOCALIZED QUALIFYING WORK AREAS.

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 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' 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 ____ 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 A LEO ARE INCLUDED WITH THE BID UNIT PRICE FOR ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE.

NOTIFICATION OF TRAFFIC RESTRICTIONS

THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS SUBMITTED IN A TIMELY MANNER TO ALLOW THE PROJECT ENGINEER TO MEET THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE BELOW TO INFORM THE SPECIAL HAULING PERMITS SECTION (HAULING.PERMITS@DOT.OHIO.GOV) AND THE DISTRICT PUBLIC INFORMATION OFFICE (PIO). THIS NOTIFICATION SHALL BE RECEIVED BY THE PROJECT ENGINEER PRIOR TO THE PHYSICAL SETUP OF ANY APPLICABLE SIGNS OR MESSAGE BOARDS.

INFORMATION SHOULD INCLUDE, BUT IS NOT LIMITED TO, ALL CONSTRUCTION ACTIVITIES THAT IMPACT OR INTERFERE WITH TRAFFIC AND SHALL LIST THE SPECIFIC LOCATION, TYPE OF WORK, ROAD STATUS, DATE AND TIME OF RESTRICTION, DURATION OF RESTRICTION, NUMBER OF LANES MAINTAINED, NUMBER OF LANES CLOSED, MINIMUM VERTICAL CLEARANCE, MINIMUM WIDTH OF DRIVABLE PAVEMENT, DETOUR ROUTES, IF APPLICABLE, AND ANY OTHER INFORMATION REQUESTED BY THE PROJECT ENGINEER.

NOTIFICATION OF TRAFFIC RESTRICTIONS TIME TABLE

ITEM	*DURATION OF CLOSURE*	*NOTICE DUE TO PERMITS & PIO*
RAMP & ROAD CLOSURES	*>= 2 WEEKS*	*21 CALENDAR DAYS PRIOR TO CLOSURE*
	> 12 HOURS & < 2 WEEKS	*14 CALENDAR DAYS PRIOR TO CLOSURE*
	<= 12 HOURS	*4 CALENDAR DAYS PRIOR TO CLOSURE*
LANE CLOSURES & RESTRICTIONS	*>= 2 WEEKS*	*14 CALENDAR DAYS PRIOR TO CLOSURE*
	< 2 WEEKS	*5 BUSINESS 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.

ITEM 614, WORKZONE PAVEMENT MARKINGS

THE PHASE 2 QUANTITIES OF MARKERS SHALL BE NON-PERFORMED IF THE PROJECT ENGINEER CONSIDERS THAT MARKERS FROM PHASE 1 ACCEPTABLE FOR PHASE 2 AFTER THE PORTATBLE CONCRETE BARRIERS HAS BEEN MOVED.

ITEM 614, BARRIER REFLECTORS AND/OR OBJECT MARKERS

BARRIER REFLECTORS AND/OR OBJECT MARKERS SHALL BE INSTALLED ON ALL PORTABLE CONCRETE BARRIER USED FOR TRAFFIC CONTROL. BARRIER REFLECTORS, OBJECT MARKERS AND THEIR INSTALLATION SHALL CONFORM TO CMS , EXCEPT THAT THE SPACING SHALL BE 50 FEET

M.O.T. CALCULATIONS (QUANTITY CARRIED TO GENERAL SUMMARY)

ITEM 614, WORK ZONE EDGE LINE, CLASS 1

PHASE 1
STA. 17+45.00 TO STA. 18+93.92 = 150 FT.
STA. 18+93.92 TO STA. 21+13.92 = 220 FT.
STA. 21+13.92 TO STA. 22+45.00 = 130 FT.

PHASE 2
STA. 17+51.05 TO STA. 18+90.12 = 140 FT.
STA. 18+90.12 TO STA. 21+10.12 = 220FT.
STA. 21+10.12 TO STA. 22+45.00 = 140 FT.

TOTAL = 1000 FT. / 5280 = 0.19 MILE

ITEM 614, WORK ZONE STOP LINE, CLASS 1

PHASE 2
STA. 17+62.00 = 27 FT. (LT.)

PHASE 3
STA. 22+25.00 = 22 FT. (LT.)

TOTAL = 49 FT.

ITEM 614, WORK ZONE IMPACT ATTNUATOR (BIDIRECTIONAL)

PHASE 1 - 2 EACH
PHASE 2 - 2 EACH
PHASE 3 - 2 EACH

TOTAL = 6 EACH

ITEM 614, WORKZONE ARROW, CLASS 1

PHASE 1 - 8 EACH
PHASE 2 - 4 EACH
PHASE 3 - 6 EACH

TOTAL = 18 EACH

ITEM 614, WORKZONE WORD ON PAVEMENT, 96", CLASS 1

PHASE 1 - 2 EACH

TOTAL = 2 EACH

ITEM 614, BARRIER REFLECTOR TYPE 1 (BIDIRECTIONAL)

PHASE 1
STA. 17+45.00 TO STA. 22+45.00 (SPACING 50 FT.) = 10 EACH

PHASE 2
STA. 17+45.00 TO STA. 22+45.00 (SPACING 50 FT.) = 10 EACH

PHASE 3
STA. 17+45.00 TO STA. 22+45.00 (SPACING 50 FT.) = 10 EACH

TOTAL = 30 EACH

ITEM 622, PORTABLE BARRIER, UNANCHORED

PHASE 1
STA. 17+45.00 TO STA. 18+93.92 = 150 FT.
STA. 21+13.92 TO STA. 22+45.00 = 130 FT.

PHASE 2
STA. 17+35.00 TO STA. 18+90.12 = 160 FT.
STA. 21+10.12 TO STA. 22+45.00 = 140 FT.

PHASE 3
STA. 17+45.00 TO STA. 18+93.92 = 150 FT.
STA. 21+13.92 TO STA. 22+45.00 = 130 FT.

TOTAL = 860 FT.

ITEM 622, PORTABLE BARRIER, ANCHORED

PHASE 1
STA. 18+93.92 TO STA. 21+13.92 = 220 FT.

PHASE 2
STA. 18+90.12 TO STA. 21+10.12 = 220 FT.

PHASE 3
STA. 18+93.92 TO STA. 21+13.92 = 220 FT.

TOTAL = 660 FT.

ITEM 644, REMOVAL OF PAVEMENT MARKING

PHASE 2
STA. 17+62.00 TO STA. 18+00.00 = 38 FT. (LT.)
STA. 21+75.00 TO STA. 22+25.00 = 50 FT. (LT.)

TOTAL = 88 FT. / 5280 = 0.02 MILE

MAINTENANCE OF TRAFFIC NOTES

DESIGN AGENCY

DESIGNER YEL

REVIEWER TAG 07-10-22

PROJECT ID 98279

SHEET 6 TOTAL 59

LIC-79-13.30

MODEL: Sheet PAPERSIZE: 17x11 (in.) DATE: 10/21/2022 TIME: 10:35:34 AM USER: tgreenva
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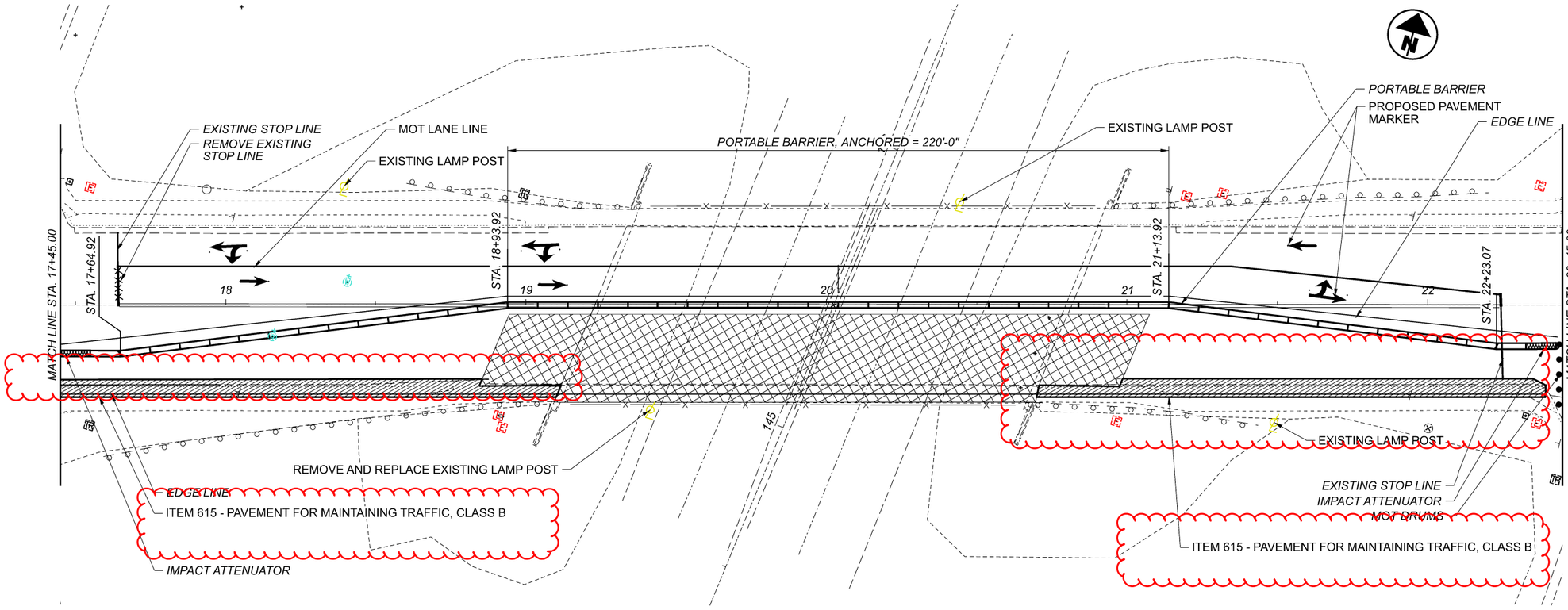

HORIZONTAL SCALE IN FEET

0

MAINTENANCE OF TRAFFIC - PHASE 1 (SHEET 2)
FROM STA. 17+45.00 TO STA. 22+45.00

LIC-79-13.30

MODEL: 98279_MH002 PAPERSIZE: 17x11(in.) DATE: 10/24/2022 TIME: 1:34:34 PM USER: tgreenwo
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DESIGN AGENCY

DESIGNER
YEL

REVIEWER
TAG 07-10-22

PROJECT ID
98279

SHEET 8 TOTAL 59

SHEET NUM.											PART.	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
		4	6	19	20	21			26B	29	01NHS/14/NEWA						
																ROADWAY	
											LS	201	11000	LS		CLEARING AND GRUBBING	
					139	176					315	202	23000	315	SY	PAVEMENT REMOVED	
				2,178							2,178	202	30000	2,178	SF	WALK REMOVED	
				547							547	202	32000	547	FT	CURB REMOVED	
				425							425	202	38000	425	FT	GUARDRAIL REMOVED	
									274		274	203	10001	274	CY	EXCAVATION, AS PER PLAN	4
					367	367					734	204	10000	734	SY	SUBGRADE COMPACTION	
				193.75							193.75	606	15050	193.75	FT	GUARDRAIL, TYPE MGS	
				4							4	606	26050	4	EACH	ANCHOR ASSEMBLY, MGS TYPE B	
				4							4	606	35002	4	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	
				1,655							1,655	608	10000	1,655	SF	4" CONCRETE WALK	
				430							430	609	12000	430	FT	COMBINATION CURB AND GUTTER, TYPE 2	
																EROSION CONTROL	
					280	328					608	601	20000	608	SY	CRUSHED AGGREGATE SLOPE PROTECTION	
		10									10	653	10000	10	CY	TOPSOIL FURNISHED AND PLACED	
									1,883		1,883	659	10000	1,883	SY	SEEDING AND MULCHING	
		0.4									0.4	659	20000	0.4	TON	COMMERCIAL FERTILIZER	
		0.4									0.4	659	31000	0.4	ACRE	LIME	
		10									10	659	35000	10	MGAL	WATER	
											4,158	832	30000	4,158	EACH	EROSION CONTROL	
																DRAINAGE	
											4	611	99710	4	EACH	PRECAST REINFORCED CONCRETE OUTLET	
					2,568	2,556					5,124	254	01000	5,124	SY	**PAVEMENT** PAVEMENT PLANING, ASPHALT CONCRETE (MAX. 3 ¼ INCH)	
					44	53					97	301	56000	97	CY	ASPHALT CONCRETE BASE, PG64-22, (449)	
					61	61					122	304	20000	122	CY	AGGREGATE BASE	
					295	293					588	407	20000	588	GAL	NON-TRACKING TACK COAT	4
					107	106					213	441	50100	213	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M (1 1/2")	
					125	124					249	441	50300	249	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (1 3/4")	
																TRAFFIC CONTROL	
											6	626	00102	6	EACH	BARRIER REFLECTOR, TYPE 1 (BIDIRECTIONAL)	
											9	626	00110	9	EACH	BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL)	
				7							7	630	86010	7	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND REERECTION	
										0.09	0.09	646	10110	0.09	MILE	LANE LINE, 6"	
										0.18	0.18	646	10200	0.18	MILE	CENTER LINE	
										854	854	646	10300	854	FT	CHANNELIZING LINE, 8"	
										138	138	646	10400	138	FT	STOP LINE	
										359	359	646	10510	359	FT	CROSSWALK LINE, 12"	
										64	64	646	10600	64	FT	TRANSVERSE/DIAGONAL LINE	
										19	19	646	20300	19	EACH	LANE ARROW	
										11	11	646	20410	11	EACH	WORD ON PAVEMENT, 96"	
										450	450	646	20506	450	FT	DOTTED LINE, 8"	
																STRUCTURE OVER 20 FOOT SPAN (LIC-79-13.31T or 4504941)	
																SEE SHEET 33/59	

GENERAL SUMMARY

DESIGN AGENCY

DESIGNER YEL

REVIEWER TAG 7-10-22

PROJECT ID 98279

SHEET 18 TOTAL 59

LIC-79-13.30

SHEET NUM.											PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
		4	6	19	20	21			26B	29	01/NHS/14/NEWA							
																	LIGHTING	
				2							2		625	00450	2	EACH	CONNECTION, FUSED PULL APART	
				2							2		625	00470	2	EACH	CONNECTION, UNFUSED BOLTED	
				2							2		625	10614	2	EACH	LIGHT POLE ANCHOR BOLTS ON STRUCTURE	
				2							2		625	10615	2	EACH	LIGHT POLE ANCHOR BOLTS ON STRUCTURE, AS PER PLAN	50
				1,280							1,280		625	23302	1,280	FT	NO. 6 AWG 2400 VOLT DISTRIBUTION CABLE	
				80							80		625	23400	80	FT	NO. 10 AWG POLE AND BRACKET CABLE	
				350							350		625	25400	350	FT	CONDUIT, 2", 725.04	50
				2							2		625	27520	2	EACH	REMOVAL OF LUMINAIRE AND REERECTION	
				290							290		625	29002	290	FT	TRENCH, 24" DEEP	
				4							4		625	29921	4	EACH	STRUCTURE JUNCTION BOX, AS PER PLAN	50
				4							4		625	30706	4	EACH	PULL BOX, 725.08, 24"	
				2							2		625	33001	2	EACH	STRUCTURE GROUNDING SYSTEM, AS PER PLAN	50
				2							2		625	35010	2	EACH	REMOVE AND REERECT EXISTING LIGHT POLE	
				2							2		625	35520	2	EACH	REMOVE AND REERECT BRACKET ARM	
				190							190		625	75550	190	FT	DISTRIBUTION CABLE REMOVED	
				2							2		625	75800	2	EACH	DISCONNECT CIRCUIT	
																	MAINTENANCE OF TRAFFIC	
			140								140		614	11110	140	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	6
			6								6		614	12384	6	EACH	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL)	6
			30								30		614	13310	30	EACH	BARRIER REFLECTOR, TYPE 1 (BIDIRECTIONAL)	6
			0.19								0.19		614	22000	0.19	MILE	WORK ZONE EDGE LINE, CLASS I, 4"	
			49								49		614	26000	49	FT	WORK ZONE STOP LINE, CLASS I	
			18								18		614	30000	18	EACH	WORK ZONE ARROW, CLASS I	
			2								2		614	31640	2	EACH	WORK ZONE WORD ON PAVEMENT, 96", CLASS I	
											LS		615	10000	LS		ROADS FOR MAINTAINING TRAFFIC	
											216		615	25000	216	SY	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B	
			860								860		622	41100	860	FT	PORTABLE BARRIER, UNANCHORED	
			660								660		622	41110	660	FT	PORTABLE BARRIER, ANCHORED	6
			0.02								0.02		644	30030	0.02	MILE	REMOVAL OF PAVEMENT MARKING	
																	INCIDENTALS	
											LS		614	11000	LS		MAINTAINING TRAFFIC	6
											LS		623	10001	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	4
											LS		624	10000	LS		MOBILIZATION	4

GENERAL SUMMARY

DESIGN AGENCY

DESIGNER YEL

REVIEWER TAG 7-10-22

PROJECT ID 98279

SHEET 18A TOTAL 59

LIC-79-13.30

REF. NO.	SHEET NO.	STATION TO STATION FROM	TO	SIDE	202 WALK REMOVED SF.	202 CURB REMOVED FT.	202 GUARDRAIL REMOVED FT.	606 GUARDRAIL, TYPE MGS FT.	606 TYPE B ANCHOR ASSEMBLY EA.	606 TYPE 1 BRIDGE TERMINAL ASSEMBLY EA.	608 4" CONCRETE WALK SF.	609 COMBINATION CURB AND GUTTER, STD. TYPE 2 FT.	626 BARRIER REFLECTOR, TYPE 1 (BIDIRECTIONAL) EA	626 BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL) EA	630 REMOVE / REERECT GROUND MOUNTED SIGN EA.	625 CONNECTION, FUSED PULL APART EA	625 CONNECTION, UNFUSED BOLTS EA	625 LIGHT POLE, ANCHOR BOLTS ON STRUCTURE EA	625 LIGHT POLE, ANCHOR BOLTS ON STRUCTURE, AS PER PLAN EA	625 NO. 6 AWG 2400 VOLT DISTRIBUTION CABLE FT	625 NO. 10 AWG POLE AND BRACKET CABLE FT	625 CONDUIT, 2", 725.04 FT	625 REMOVAL OF LUMINAIRE AND REERECTION EA	625 TRENCH, 24", DEEP FT	625 STRUCTURE JUNCTION BOX, AS PER PLAN EA	625 PULL BOX, 725.08, 24" EA	625 STRUCTURE GROUNDING SYSTEM, AS PER PLAN EA	625 REMOVE AND REERECT EXISTING LIGHT POLE EA	625 REMOVE AND REERECT BRACKET ARM EA	625 DISTRIBUTION CABLE REMOVED FT	625 DISCONNECT CIRCUIT EA
1-GR		17+58.34	19+08.34	RT.			150																								
2-GR		18+60.31	19+35.31	LT.			75																								
3-GR		20+68.35	21+43.35	RT.			75																								
4-GR		20+96.85	22+21.85	LT.			125																								
1-G		17+60.04	18+83.66	RT.				75	1	1				3																	
2-G		18+18.35	19+12.09	LT.				37.5	1	1				2																	
3-G		20+94.88	21+86.53	RT.				37.5	1	1				2																	
4-G		21+21.22	22+20.68	LT.				43.75	1	1				2																	
1-B		18+83.65	20+94.89	RT.									4																		
2-B		19+09.99	21+21.21	LT.									4																		
1-SW		18+12.3	18+86.13	RT.							397																				
2-SW		18+38.98	19+07.53	LT.							370																				
3-SW		20+97.6	21+72.41	RT.							401																				
4-SW		21+18.77	22+10.65	LT.							487																				
1-SWR		18+12.3	19+11.13	RT.	530																										
2-SWR		18+38.98	19+32.53	LT.	500																										
3-SWR		20+72.35	21+72.41	RT.	583																										
4-SWR		20+93.77	22+10.65	LT.	615																										
1-C		17+38.36	18+86.13	RT.								148																			
2-C		18+38.98	19+07.53	LT.								69																			
3-C		20+97.6	22+35.2	RT.								75																			
4-C		21+18.77	22+10.65	LT.								138																			
1-CR		17+38.36	19+11.13	RT.		173																									
2-CR		18+38.98	19+32.53	LT.		94																									
3-CR		20+72.35	22+35.2	RT.		163																									
4-CR		20+93.77	22+10.65	LT.		147																									
1-S		18+04.73		RT.											1																
2-S		18+92.44		RT.											1																
3-S		18+02.94		LT.											1																
4-S		21+13.39		LT.											1																
5-S		21+94.25		RT.											1																
6-S		22+43.52		RT.											1																
7-S		21+95.36		LT.											1																
1-L		19+21	22+37	LT.												1	1	1	1	630	40	175	1	140	2	2	1	1	1	140	1
2-L		17+54	20+79	RT.												1	1	1	1	650	40	175	1	150	2	2	1	1	1	150	1
TOTALS CARRIED TO GENERAL SUMMARY					2178	546	425	193.75	4	4	1655	430	8	9	7	2	2	2	2	1280	80	350	2	290	4	4	2	2	2	290	2

SUB-SUMMARY (ROADWAY)

LIC-79-13.30

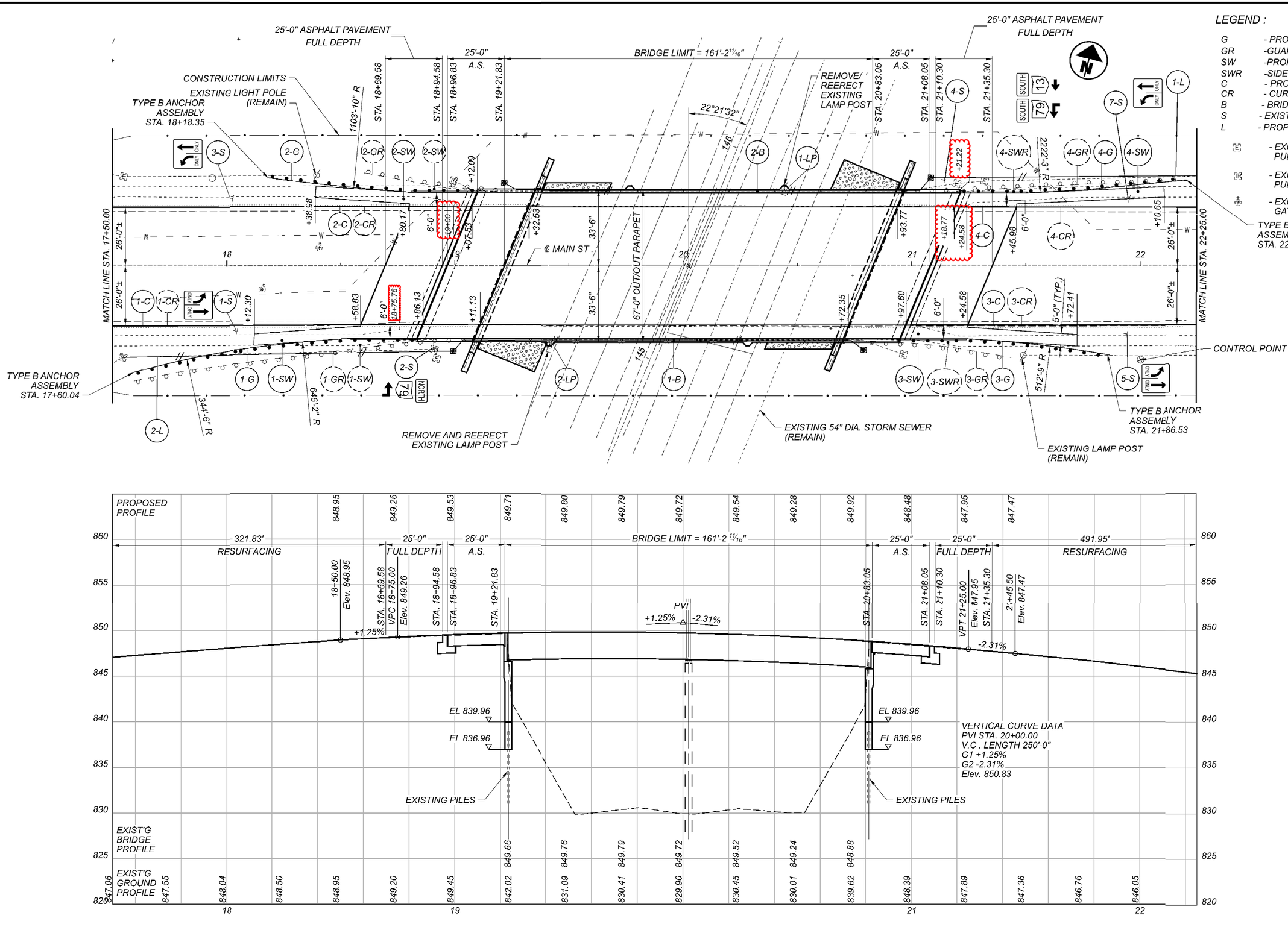
DESIGN AGENCY

DESIGNER YEL

REVIEWER TAG 7-10-22

PROJECT ID 98279

SHEET 19 TOTAL 59



HORIZONTAL SCALE IN FEET 0 0 0

PLAN AND PROFILE (SHEET 2)
STA. 17+50.00 TO STA. 22+25.00

DESIGN AGENCY	
DESIGNER	YEL
REVIEWER	TAG 07-10-22
PROJECT ID	98279
SHEET	23
TOTAL	59

LIC-79-13.30

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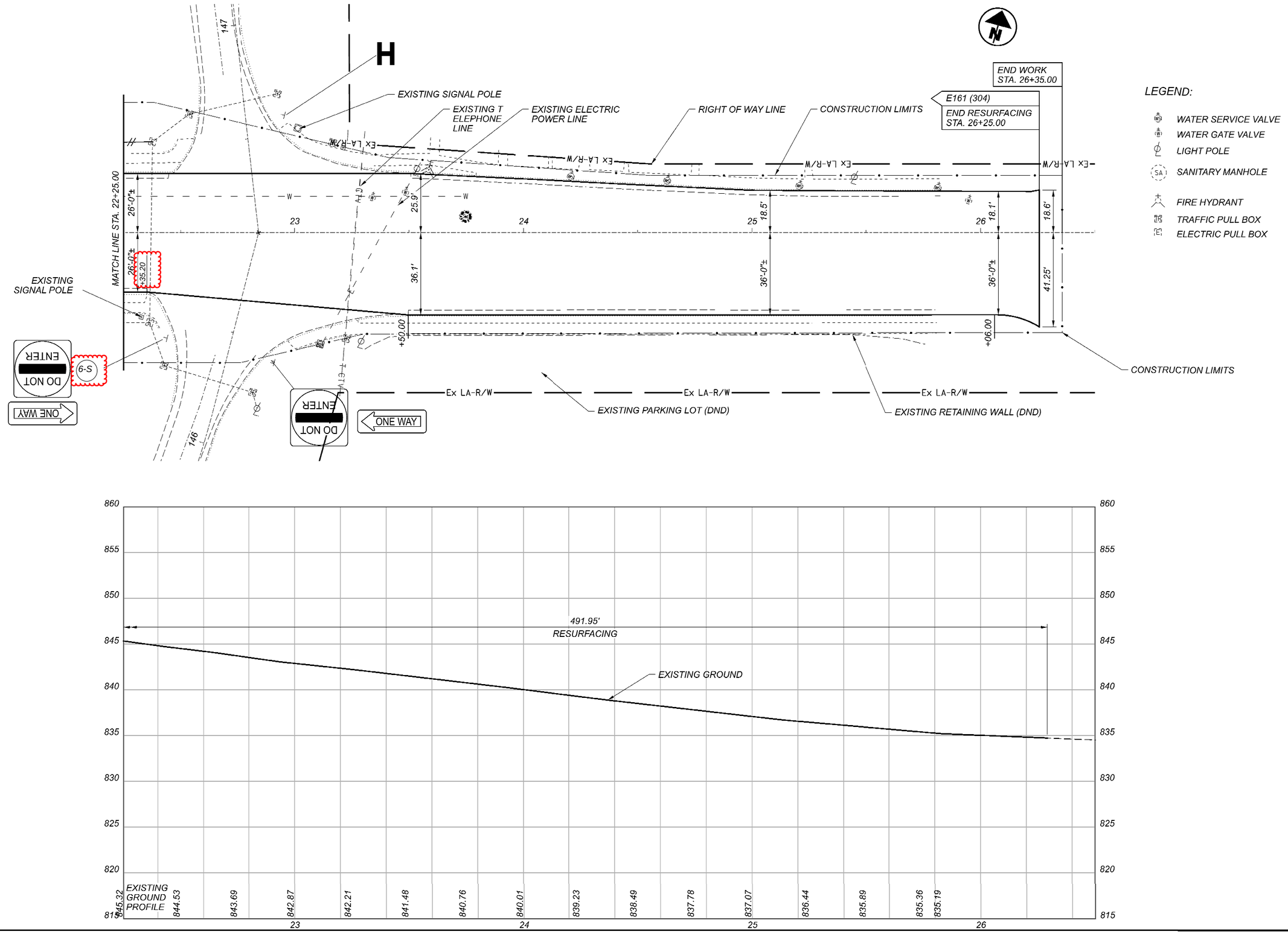

HORIZONTAL SCALE IN FEET
0 0 0

PLAN AND PROFILE (SHEET 3)
FROM STA. 22+25.00 TO STA. 26+25.00

DESIGN AGENCY

DESIGNER YEL
REVIEWER TAG 07-10-22
PROJECT ID 98279
SHEET 24 TOTAL 59

LIC-79-13.30

MODEL: 98279_GP003 PAPERSIZE: 17x11(in.) DATE: 8/9/2022 TIME: 4:53:41 PM USER: tgreenwa
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CONSTRUCTION SEQUENCE

SEE GENERAL NOTES FOR MAINTENANCE OF TRAFFIC NOTES AND MAINTENANCE OF TRAFFIC DETAIL SHEETS TO PLAN SEQUENCE OF OPERATIONS.

POROUS BACKFILL WITH GEOTEXTILE FABRIC

THE THICKNESS OF THE POROUS BACKFILL WITH GEO-TEXTILE FABRIC, AS DETAILED IN THESE PLANS, SHALL EXTEND UP TO THE PLANE OF THE SUBGRADE, TO ONE FOOT BELOW EMBANKMENT SURFACE, AND LATERALLY TO THE ENDS OF THE WINGWALLS.

FILL UNDER APPROACH SLABS

ITEM 304, AGGREGATE BASE SHALL BE USED TO BRING THE SUBBASE TO GRADE FOR THE NEW APPROACH SLABS AS DETAILED ON THE APPROACH SLAB DETAIL SHEETS AND SHALL EXTEND 1'-6" ON BOTH SIDES OF EACH APPROACH SLAB.

SURFACE SMOOTHNESS FOR BRIDGES AND APPROACHES

AT THE COMPLETION OF WORK FOR ALL PHASES OF PROPOSED MATERIAL CONSTRUCTION THE CONTRACTOR SHALL PERFORM THE FOLLOWING AS PER PROPOSAL NOTE 555:

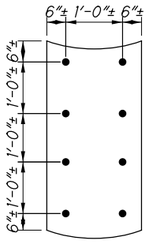
1. CLEAN, SWEEP, AND PREPARE THE FINAL DECK AND FINAL ROADWAY SURFACE.
2. MEASURE, GRIND, AND RE-MEASURE THE BRIDGE AND/OR ROADWAY AS NECESSARY.
3. PERFORM GROOVING OF THE BRIDGE DECK.

ITEM 844 - CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION

THIS WORK CONSISTS OF PATCHING CONCRETE LOCATED AT PIER #1, PIER #2, PIER #3, AND PIER #4 (SEE PIER DETAI;S DRAWING). A TOTAL OF 74 SQ FT HAS BEEN ESTIMATED TO BE PATCHED. ALL PROVISIONS OF ITEM 519 SHALL APPLY.

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE ABOVE NOTED WORK:

ITEM 844 - CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION ..... 74 SQ FT.



ANODE LAYOUT

ITEM SPECIAL - 530 - STRUCTURE, MISC.: AESTHETIC TREATMENT

THE SURFACE FINISH, WHERE DESIGNATED IN THE PLAN, SHALL BE ONE OF THE PATTERNS DESCRIBED BELOW IN THE ARCHITECTURAL SURFACE ELEVATION AND TABLE FROM AN APPROVED COMPANY MEETING THE DETAILS SHOWN ON THIS PAGE.

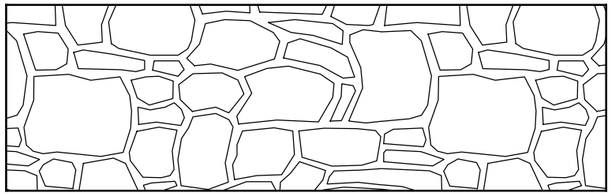
THE SURFACE TREATMENTS REFERENCED BELOW ARE INTENDED FOR PROCEDURE, TEXTURE, AND APPEARANCE REFERENCE. THE APPLICATION, AS SHOWN IN THE PLAN, IS TO BE FORMLINED VERTICAL IN THIS CASE.

STAINING OF THE PATTERNED CONCRETE SURFACES SHALL BE DONE PRIOR TO APPLICATION OF ITEM 512 - SEALING OF CONCRETE SURFACES (NON-EPOXY). THE STAIN COLORED CONCRETE, USING H&C INFUSION WATER-BASED, SEMI-TRANSPARENT DECORATIVE STAIN, SHALL BE COLOR SKU# 45.102024-16 TUMBLED STONE OR 45.102034-16 OBSIDIAN BY H&C OR APPROVED EQUAL. THE STAIN SHALL BE APPLIED BY AN EVEN AND CONTROLED METHOD AS RECOMMENDED BY THE MANUFACTURER AND APPROVED BY THE ENGINEER. THE CONTRACTOR WILL NOT ALLOW OVERSPRAY OR RUNS TO RUIN THE APPEARANCE OF THE ADJACENT CONCRETE, WHICH SHALL REMAIN UNSTAINED.

TWO FULL SCALE, DIFFERENTLY PATTERNED, STAINED AND SEALED, PRECONSTRUCTION TEST PANELS SHALL BE PROVIDED FOR APPROVAL BY THE DISTRICT 5 BRIDGE SECTION. IF THE TEST PANELS DO NOT MEET THE APPROVAL OF THE DISTRICT 5 BRIDGE SECTION, THE RESULTS MAY BE GROUNDS TO REJECT THE PROPOSED PANEL SURFACE CHOSEN. THE TEST PANELS WILL BE PROVIDED REPEATEDLY, AS NECCESSARY, UNTIL APPROVAL IS GRANTED. FIVE FEET BY FIVE FEET TEST PANELS SHALL BE PROVIDED. THE MOCK-UPS SHALL HAVE THE SAME ARCHITECTURAL RELIEF, THICKNESS, PATTERN, AND COLOR/SEALANT INTENDED TO BE USED ON THE PROJECT. THE PANELS SHALL BE OF THE SAME CEMENT, AGGREGATE SOURCE, AND CONCRETE SEALANT THAT WILL BE USED TO CONSTRUCT THE PROJECT. AFTER APPROVAL THE CONCRETE TEST PANELS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.

MEASUREMENT: ITEM 530 SPECIAL - STRUCTURE MISC.: AESTHETIC TREATMENT SHALL BE MEASURED IN SQ. YD.'S AND SHALL BE DEFINED BY THE AREAS THAT ARE DETAILED FOR THE APPROVED PATTERNED AREA.

ALL AESTHETIC TREATMENT INCLUDING THE SURFACE FINISH, STAIN, HAND FORMWORK, TEST PANELS, AND ALL OTHER MATERIALS REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED WITH THE ITEMIZED PAYMENT FOR ITEM 530 SPECIAL - STRUCTURE MISC.: AESTHETIC TREATMENT.



ARCHITECTURAL SURFACE - ELEVATION

THE FOLLOWING SHALL BE USED:

COMPANY NAME:	FORMLINED SURFACE TREATMENT:	SPECIFICATIONS:
CUSTOM ROCK INTERNATIONAL	NEW ENGLAND DRYSTACK # 12003	MAX RELIEF 1⅜" LINER THICKNESS 2½" STONE SIZE 3" TO 24"
SPEC FORMLINERS, INC.	WASHINGTON DRYSTACK # 1581	MAX RELIEF 1½" LINER THICKNESS 2⅜" STONE SIZE 4" TO 24"
APPROVED EQUAL	APPROVED EQUAL	APPROVED EQUAL

ITEM 607 VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC, AS PER PLAN

FABRICATE AND INSTALL THE VANDAL PROTECTION FENCE AS DETAILED IN THIS PLAN AND STANDARD DRAWING VPF-1-90. THE VANDAL PROTECTION FENCE SHALL BE 6'-0" STRAIGHT FENCE. THE COATING SYSTEM USED FOR THIS FENCE SHALL BE MODIFIED AS FOLLOWS. IF NOT ALREADY SPECIFIED IN VPF-1-90, ALL STEEL COMPONENTS SHALL RECEIVE PVC COATING IN ADDITION TO THE STANDARD SURFACE TREATMENTS. ALL THREADED ASSEMBLY COMPONENTS (IE. THREAD LENGTH OF BOLTS, NUTS, AND WASHERS) WILL BE EXCEPTED FROM THIS ADDITIONAL COATING REQUIREMENT. PVC COATINGS SHALL CONFORM TO EITHER ASTM F668 CLASS 2A OR 2B (MESH, WIRE, ETC.), ASTM F626-14 (FENCE FITTINGS, ETC.), OR ASTM F1043-16 (FRAMEWORK, POSTS, RAILS, ETC.).

DUE TO THE ADDITIONAL THICKNESS OF THIS COATING SYSTEM, THE POTENTIAL EXISTS THAT TYPICAL FITTINGS MAY REQUIRE THEIR SIZES INCREASED ABOVE THE STANDARD SIZES SHOWN IN STD. DWG. VPF-1-90. IT IS THE RESPONSIBILITY OF THE CONTRACTOR/ FABRICATOR TO TEST ALL FENCE COMPONENTS FOR FIT-UP, AT THE FABRICATION STAGE, AND TO INCORPORATE ANY SIZE-UP ADJUSTMENTS TO ENSURE EASE OF FIELD INSTALLATION AND ERECTION. THE FINAL COLOR FOR ALL PVC COATED FENCE COMPONENTS SHALL BE (BLACK - CLOSELY APPROACHING FEDERAL STANDARD NO. 595C-17038). HANDLE ALL PVC COATED MATERIALS WITH CARE. IF THE PCV COATING IS DAMAGED, REPLACE THE DAMAGED FENCE COMPONENT(S) AT NO COST TO THE DEPARTMENT.

THE CONSTRUCTION PROCEDURE SHALL MATCH THAT OF ITEM 607 VANDAL PROTECTION FENCE (DECORATIVE) (ALTERNATE 2)

THE DEPARTMENT WILL MEASURE THIS WORK ON A LINEAR FEET BASIS.

THE DEPARTMENT WILL PAY FOR THE ACCEPTED QUANTITIES AT THE CONTRACT PRICE FOR ITEM 607 - VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC, AS PER PLAN

BRIDGE NOTES (SHEET 2)
BRIDGE NO. LIC-79-1332
OVER S.R. 79

SFN 4504941
DESIGN AGENCY
DESIGNER YEL | CHECKER TAG
REVIEWER TAG 07/10/22
PROJECT ID 98279
SUBSET 3 | TOTAL 30
SHEET 32 | TOTAL 59

LIC-79-13.30

SHEET NUM.	PART.	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
	01 / NHS / BR / NEWA					**STRUCTURE OVER 20 FOOT SPAN (LIC-79-13.31 or SFN 4504941)**	
		202	11203	LS		PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN	32
		202	22900	294	SY	APPROACH SLAB REMOVED	
		202	23500	1,208	SY	WEARING COURSE REMOVED	
		202	38500	315	FT	BRIDGE RAILING REMOVED	
		503	11100	LS		COFFERDAMS AND EXCAVATION BRACING	
		503	21301	LS		UNCLASSIFIED EXCAVATION, AS PER PLAN	30
		509	10000	82,420	LB	EPOXY COATED REINFORCING STEEL	
		511	31612	227	CY	CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE	
		511	34463	92	CY	CLASS QC SCC CONCRETE WITH QC/QA, BRIDGE DECK (PARAPET), AS PER PLAN	20
		511	43512	205	CY	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING	
		511	51512	64	CY	CLASS QC2 CONCRETE WITH QC/QA, SIDEWALK	
		512	10050	873	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)	32
		515	12060	4	EACH	PRESTRESSED CONCRETE COMPOSITE BOX BEAM BRIDGE MEMBERS, LEVEL 1, CB27-36 (79'-2.5" L)	
		515	12070	30	EACH	PRESTRESSED CONCRETE COMPOSITE BOX BEAM BRIDGE MEMBERS, LEVEL 1, CB27-48 (79'-2.5" L)	
		516	13201	2	SF	¼" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	32
		516	13600	221	SF	1" PREFORMED EXPANSION JOINT FILLER	
		516	13901	32	SF	2" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	32
		516	14014	159	FT	INTEGRAL ABUTMENT EXPANSION JOINT SEAL	
		516	14600	145	FT	STRUCTURAL JOINT OR JOINT SEALER, MISC.: EMSEAL WITH SLEEPER SLAB	30
		516	31011	225	FT	2" DEEP JOINT SEALER, AS PER PLAN	32
		516	41100	102	EACH	⅛" PREFORMED BEARING PAD	
		516	43200	8	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE) (6"x12"x2.0")	32
		516	43200	60	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE) (6"x16"x2.0")	32
		516	43200	4	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE) (6"x30"x2.0")	32
		516	43200	30	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE) (6"x42"x2.0")	32
		518	21230	LS		POROUS BACKFILL WITH GEOTEXTILE FABRIC	
		518	40000	200	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	
		518	40010	60	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	
		526	25001	372	SY	REINFORCED CONCRETE APPROACH SLABS (T=15"), AS PER PLAN	32
		SPECIAL	53000600	2,189	SF	STRUCTURES : AESTHETIC TREATMENT, (CONCRETE FORMLINER / STAIN)	33
		607	39901	370	FT	VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC, AS PER PLAN	32
		844	10000	74	SF	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION	32

ESTIMATED QUANTITIES
BRIDGE NO. LIC-79-1332
OVER S.R. 79

SFN 4504941

DESIGN AGENCY

DESIGNER	CHECKER
YEL	TAG

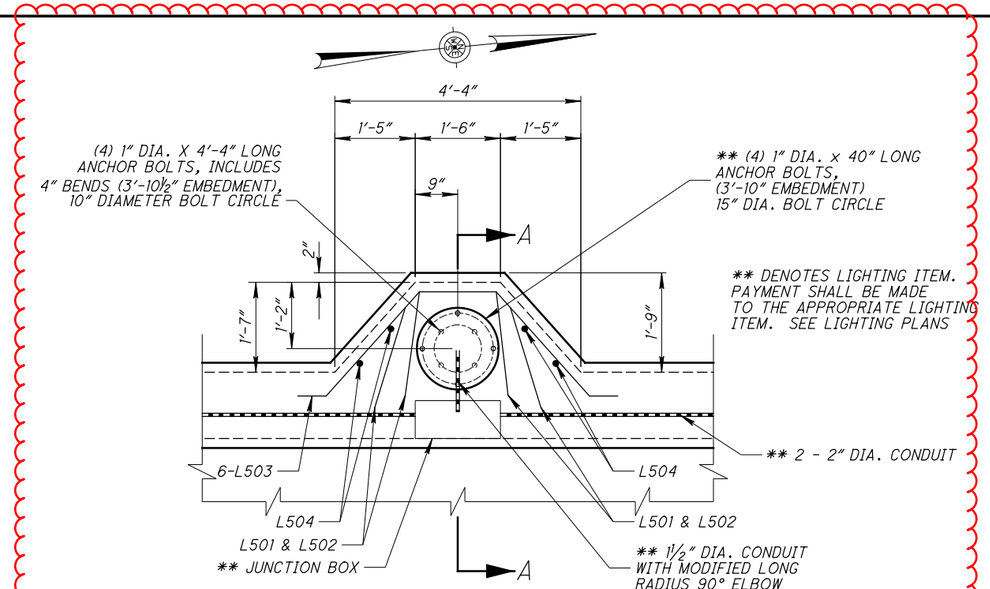
REVIEWER
TAG 7-10-22

PROJECT ID
98279

SUBSET	TOTAL
4	30

SHEET	TOTAL
33	59

LIC-79-13.30

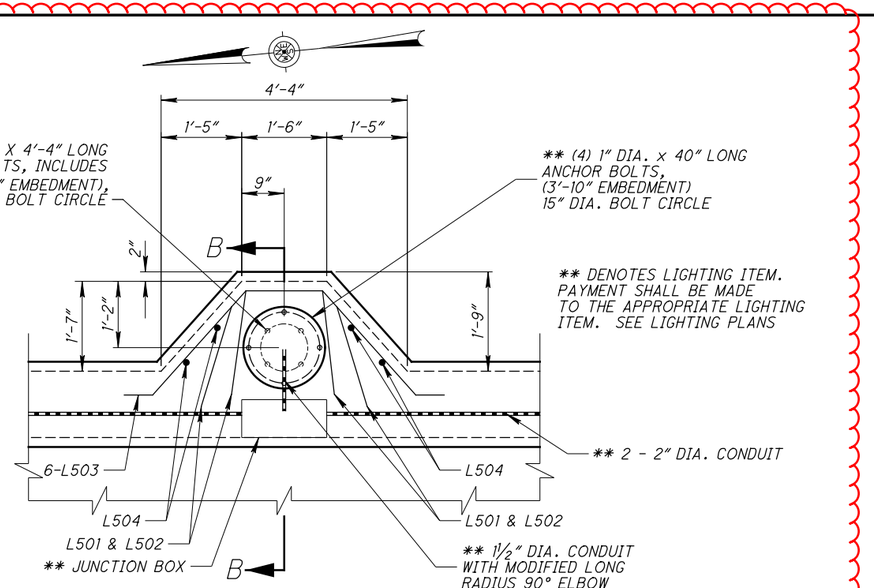


PLAN VIEW

LIGHT POLE SUPPORT PILASTER
(LEFT BRIDGE RAIL)

℄ LIGHT SUPPORT (LOCATION)
STA. 19+76.53, 33'-9" LT.
STA. 20+55.46, 33'-9" LT.

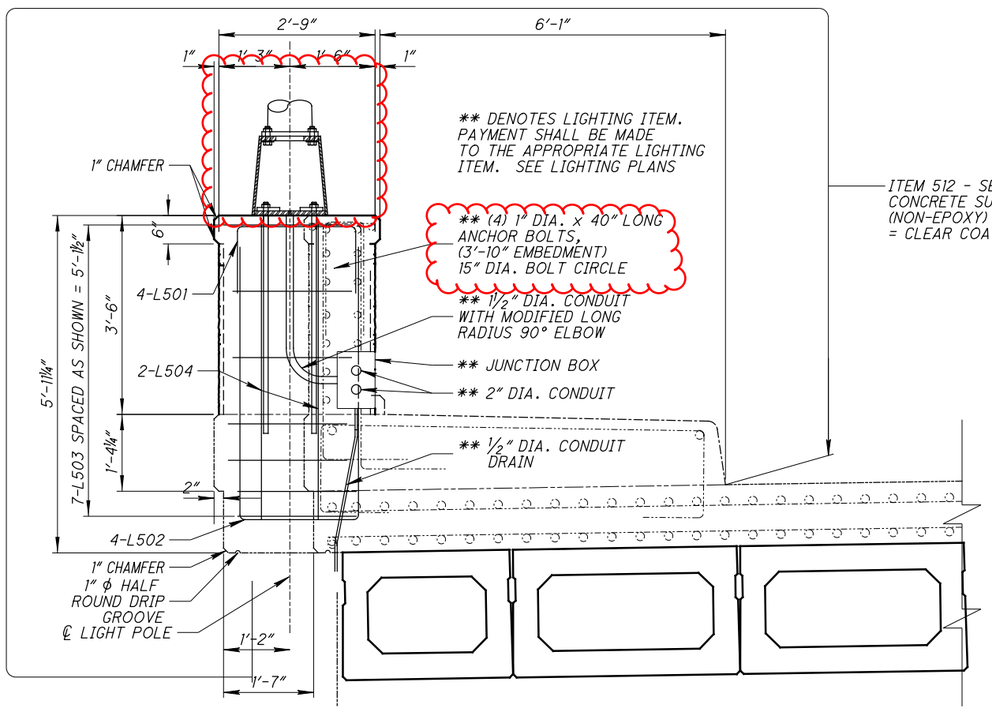
NOTE: 15" BOLT PATTERN IS ONLY REQUIRED FOR THE TWO LIGHT POLES THAT TO BE REMOUNTED. THE 10" BOLT CIRCLES ARE REQUIRED FOR ALL FOUR PILASTERS FOR FUTURE DECOTRATIVE LIGHTING. THOSE BOLTS AND CONDUIT ARE TO BE CAP FOR FUTURE USE.



PLAN VIEW

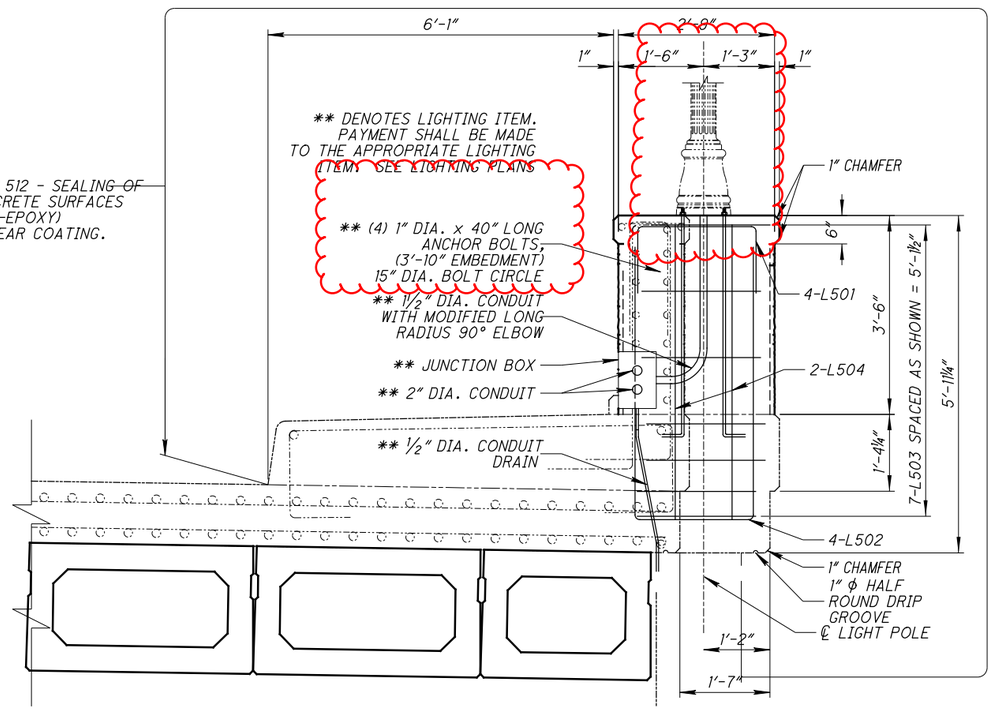
LIGHT POLE SUPPORT PILASTER
(RIGHT BRIDGE RAIL)

℄ LIGHT SUPPORT (LOCATION)
STA. 19+49.54, 33'-9" RT.
STA. 20+28.49 , 33'-9" RT.



ITEM 512 - SEALING OF CONCRETE SURFACES (NON-EPOXY) = CLEAR COATING.

SECTION A-A



ITEM 512 - SEALING OF CONCRETE SURFACES (NON-EPOXY) = CLEAR COATING.

SECTION B-B

LIGHT POLE SUPPORT PILASTER
BRIDGE NO. LIC-79-1332
OVER S.R. 79

LIC-79-13.30

MODEL: Light Pole Support Pilaster PAPERSIZE: 17x11 (in.) DATE: 10/20/2022 TIME: 5:06:17 PM USER: tgreenwa
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\Documents\01 Active Projects\District 05\Licking\98279\400-Engineering\Structures\SFN_4504941\Sheets\98279_SFN_4504941_SA005.dgn

SFN	4504941
DESIGN AGENCY	
DESIGNER	YEL
CHECKER	TAG
REVIEWER	TAG 07-10-22
PROJECT ID	98279
SUBSET	22
TOTAL	30
SHEET	51
TOTAL	59