UTILITIES

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

CINCINNATI BELL

221 E.4" ST. BLDG. 121-900 CINCINNATI, OH 45201 513-565-7043 (MARK CONNER) MARK.CONNER@CINBELL.COM

CINCINNATI BELL - AERIAL AND PLACING

209 W. 7" ST. BLDG. 121-900 CINCINNATI, OH 45202 513-565-1296 (SEAN FLORA) SEAN.FLORA@CINBELL.COM

TIME WARNER CABLE

11252 CORNELL PARK DR CINCINNATI, OH 45202 *513-386-5499(KENT RIEGER)* KENT.RIEGER@TWCABLE.COM

DUKE ENERGY - ELECTRIC (DISTRIBUTION)

139 E. 4" ST. RM 467A CINCINNATI. OH 45202 513-287-3852 (CRAIG HUTCHISON) CRAIG.HUTCHISON@DUKE-ENERGY.COM

DUKE ENERGY - GAS

139 EAST 4" ST., ROOM 460A CINCINNATI. OH 45202 513-287-1205 (KELSEY PACE) KELSEY.PACE@DUKE-ENERGY.COM

CLERMONT COUNTY WATER RESOURCES

4400 HASKELL LANE BATAVIA, OH 45103 513-732-1320 (TIM CHERRY) TCHERRY@CO.CLERMONT.OH.US

UTILITY NOTIFICATION

THE OHIO DEPARTMENT OF TRANSPORTATION HAS UTILITY FACILITIES (HIGHWAY LIGHTING, TRAFFIC SIGNALS, AND ITS) WITHIN THE LIMITS OF THIS PROJECT.

IN ADDITION TO THE INFORMATION OUTLINED IN THE UTILITY NOTE OF THIS CONTRACT. THE CONTRACTOR SHALL TAKE THE FOLLOWING ACTION TO PROJECT ODOT'S FACILITIES DURING CONSTRUCTION:

HIGHWAY LIGHTING AND TRAFFIC SIGNALS:

EVEN THOUGH ODOT IS LISTED AS A MEMBER OF THE OHIO UTILITIES PROTECTION SERVICE (OUPS), THE CONTRACTOR ON THIS PROJECT IS REQUIRED TO CONTACT ODOT, DISTRICT 8 TRAFFIC MAINTENANCE DEPARTMENT DIRECTLY SO THAT THE ODOT UTILITIES LOCATED WITHIN THIS PROJECT AREMARKED. THE CONTRACTOR SHALL NOTIFY DISRICT 8 TRAFFIC MAINTENANCE AT 513-933-6689 AND THE PROJECT ENGINEER. FOURTEEN (14) CALENDARDAYS IN ADVANCE OF ANY WORK, FOR THE NEED TO MARK ODOT OWNED UTILITIES.

ITS:

ITS FACILITIES AREN'T LISTED WITH OUPS. SO THE CONTRACTOR IS REQUIRED TO CONTACT ODOT CENTRAL OFFICE ITS LAB DIRECTLY SO THAT ODOT UTILITIES LOCATED WITHIN THIS PROJECT ARE MARKED. THE CONTRACTOR SHALL NOTIFY ODOT CENTRAL OFFICE ITS LAB AT THE CONTACT INFORMATION LISTED BELOW AND THE PROJECT ENGINEER, FOURTEEN (14) CALENDAR DAYS IN ADVANCE OF ANY WORK FOR THE NEED TO MARK ODOT OWNED UTILITIES

CENTRAL OFFICE ITS LAB 614-387-4113 (PHONE) 614-887-4134 (FAX) CEN.ITS.LAB@DOT.STATE.OH.US (EMAIL)

DISTRICT 88 ITS LOCATES PRIMARY CONTACT DENNY GRAY (513-615-3766)

THE ABOVE REQUIREMENTS ARE IN ADDITION TO SECTION 105.07 & 107.16 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS AND THE UTILITY PROPOSAL NOTE. THE CONTRACTOR SHALL NOTIFY OTHER UTILITIES THROUGH OUPS OR DIRECTLY A MINIMUM OR FORTY-EIGHT (48) HOURS IN ADVANCE OF ANY WORK.

THE COST FOR THE ABOVE DESBRIBED WORK IS INCIDENTAL TO THE OVERALL BID PRICE OF THE PROJECT.

PROTECTION OF FEDERALLY DESIGNATED SOLE SOURCE AQUIFER

IN GREENE AND HAMILTON COUNTIES, THIS PROJECT IS LOCATED WITHIN THE GREATER MIAMI SOLE SOURCE AQUIFER. USE PROPER CONTAINMENT AND DIKING IN REFUELING AREAS. DO NOT STORE FUELS. TOXIC/HAZARDOUS MATERIALS. AND CHEMICALS NEAR DRAINAGE WAYS, DITCHES, OR STREAMS, MAINTAIN A SPILL KIT ON-SITE THROUGHOUT CONSTRUCTION ACTIVITIES. IMMEDIATELY MITIGATE ANY EVENT, SUCH AS A SPILL OF FUELS, OILS, OR CHEMICALS THAT COULD THREATEN TO CONTAMINATE THE DRINKING WATER SUPPLY

FOR GREENE COUNTY:

REPORT ALL SPILLS OR EVENTS TO THE GREENE COUNTY DISASTER SERVICES 937-562-5994. IF THE SPILL IS A REPORTABLE AMOUNT (PER OHIO EPA'S RELEASE REPORTING REQUIREMENTS). CONTACT THE BEAVERCREEK TWP. FIRE DEPARTMENT 62 AT 937-426-1213 OR THE OHIO EPA'S SPILLS HOTLINE 1-800-282-9378 FOR CLEAN-UP OF THE SPILL.

FOR HAMILTON COUNTY:

REPORT ALL SPILLS OR EVENTS TO THE HAMILTON COUNTY EMERGENCY DEPARTMENT AT 513-262-8200. IF THE SPILL IS A REPORTABLE AMOUNT (PER OHIO EPA'S RELEASE REPORTING REQUIREMENTS), CONTACT THE LOVELAND-SYMMES FIRE STATION 50 AT 513-792-7330 OR THE OHIO EPA'S SPILLS HOTLINE 1-800-282-9378 FOR CLEAN-UP OF THE SPILL.

ITEM 519 - PATCHING CONCRETE STRUCTURE, AS PER PLAN

PATCH EXISTING CONCRETE NOISE WALL PANELS WHERE CRACKING OR SPALLING HAS OCCURRED AND FULL PANEL REPLACEMENT IS NOT REQUIRED. A CONCRETE SEALER SHALL BE APPLIED TO THE REPAIRED AREAS OF THE PANELS THAT MATCHES THE EXISTING SEALER COLOR AS CLOSELY AS POSSIBLE. FINAL COLOR MATCH SHALL BE APPROVED BY THE ENGINEER.

SEALER APPLICATION SHALL CONFORM TO ALL REQUIREMENTS OF STANDARD CONSTRUCTION DRAWING NBS-1-09. REPAIR LOCATIONS ARE IDENTIFIED IN THE NOISE WALL SUBSUMMARY TABLE ON SHEET 11.

THE DEPARTMENT WILL INCLUDE ALL MATERIALS, TOOLS, LABOR, EQUIPMENT, AND INCIDENTALS NECESSARY TO COMPLETE THE PATCHING AND APPLICATION OF THE SEALER WITH ITEM 519 -PATCHING CONCRETE STRUCTURE, AS PER PLAN; SQUARE FOOT

BARRIER PATTERN AND COLOR

THE CONTRACTOR MUST MAINTAIN UNIFORMITY OF BARRIER TYPE. TEXTURE, JOINTS, PATTERN, AND COLOR AT EACH LOCATION. (EXCEPT AS NOTED)

HAM-126: STEEL PANELS (TO BE REPLACED WITH FIBERGLASS) - TAN(30450) CONCRETE PANELS - LIGHT GRAY(36628)

GRE-675: FIBERGLASS - DARK NEUTRAL(10324) STEEL (TO BE REPLACED WITH FIBERGLASS) - BROWN (10219) CONCRETE - BEIGE(17778)

HAM-71: CONCRETE - TAN(30450)

BUT-75: CONCRETE - GRAY (16515)

HAM-75: CONCRETE - GRAY (16515)

SEE SHEET 13 FOR EXAMPLES

ITEM 606 - NOISE BARRIER. STEEL POSTS

THIS ITEM SHALL CONSIST OF THE REPLACEMENT OF THE EXISTING STEEL NOISE BARRIER POSTS. THIS ITEM SHALL INCLUDE ALL NECESSARY BOLTS, PLATES, AND OTHER HARDWARE REQUIRED TO INSTALL THE STEEL POSTS

THIS ITEM SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER BID UNDER ITEM 606 - NOISE BARRIER. STEEL POSTS. EACH

ITEM 202 - REMOVAL MISC.: NOISE BARRIER STEEL POST REMOVAL

THIS ITEM SHALL CONSIST OF ANY REMOVAL AND DISPOSAL OF EXISTING STEEL NOISE BARRIER POSTS. CARE SHALL BE TAKEN TO PREVENT DAMAGE TO MOUNTING BOLTS DURING THE REMOVAL OF THE NOISE BARRIER POST.

THIS ITEM SHALL BE PAID FOR AT THE CONSTRACT UNIT PRICE PER BID UNDER ITEM 202 - REMOVAL MISC.: NOISE BARRIER STEEL POST REMOVAL. EACH.

ITEM 606 - SPECIAL - NOISE BARRIERS (REFLECTIVE), CONCRETE PANEL

THIS ITEM WILL BE USED TO INSTALL REFLECTIVE CONCRETE NOISE PANELS IN THE SECTIONS DEFINED IN THE NOISE WALL REPLACEMENT SHEET. SEE SHEET 12 FOR THE LOCATION OF INSTALLATION.

FOLLOW STANDARD DRAWING NBS-1-09 AND THE DETAILS OF THESE PLANS. AFTER THE EXISTING NOISE PANELS HAVE BEEN REMOVED AND PRIOR TO INSTALLING THE NEW PANELS, REGRADE THE GROUND BETWEEN THE EXISTING STEEL POSTS TO ENSURE A SMOOTH DRAINAGE SURFACE FREE OF ALL IRREGULARITIES. AFTER REMOVING ALL MATERIAL, THE WEBS AND INSIDE FLANGES SHALL BE ABRASIVELY CLEANED BEFORE INSTALLING NEW CONCRETE PANELS.

ANY ADDITIONAL EMBANKMENT THAT IS REQUIRED TO OBTAIN THE 6" MINIMUM BURY AND FILL ANY VOIDS REMAINING FROM THE PREVIOUS PANELS IS INCLUDED IN THIS ITEM FOR PAYMENT.

PLAN QUANTITIES FOR REPLACEMENT PANELS HAVE BEEN BASED ON THE AREAS REMOVED.

THESE PANELS ARE TO REPLACE THE EXISTING DAMAGED PANELS AND SHALL BE DESIGNED TO FIT WITHIN THE EXISTING POSTS WITH COVERS, AND SHOULD BE KEPT TIGHT TO THE HIGHWAY FACE. THE CONTRACTOR SHALL PROVIDE SUPPORTS TO HOLD THE PANELS IN PLACE BOTH IN ELEVATION AND LATERALLY.

ACCEPTANCE REQUIREMENTS SHALL BE PER THE STANDARD DRAWING. EXCEPT THAT THE CONTRACTOR SHALL DELIVER TO THE JOB SITE AND ERECT ONE FULL BAY (POST TO POST) WITH PANELS AND COVERS REPRESENTATIVE OF THE FINAL PRODUCT FOR APPROVAL BY THE ENGINEER.

REPLACEMENT PANELS SHALL BE SUBMITTED TO THE DISTRICT ENVIRONMENTAL COORDINATOR (DEC) FOR REVIEW AND APPROVAL ₿EFORE THEY ARE ORDERED AND MANUFACTURED. A SUBMITTAL SHOULD INCLUDE PHOTOS AND COMPLETE DESCRIPTION. DEPTH DF GROOVES AND MATCHING FEDERAL COLOR. ACTUAL SAMPLES OF PANELS ARE NOT NEEDED. FINISH NEW PANELS WITH NOISE BARRIER COATING. SEAL THE HIGHWAY FACING SIDE OF THE NOISE BARRIER FROM THE EXISTING GROUND LEVEL/TOP OF CONCRETE BARRIER TO TOP OF WALL.

DETAILS, SHALL BE INCLUDED IN THE UNIT PRICE PER SQUARE FOOT FOR ITEM 606 - SPECIAL - NOISE BARRIER: CONCRETE PANELS UNLESS OTHERWISE NOTED, AND SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO COMPLETE THE ABOVE

UNDAMAGED PANELS ABOVE DAMAGED PANELS

THE INTENT OF THE QUANTITIES OF THE PANEL REPLACEMENTS IS THAT ANY EXISTING UNDAMAGED PANELS ABOVE A DAMAGED PANEL ARE TO BE REMOVED AND REINSTALLED PER ITEM 606 -SPECIAL - NOISE BARRIER PANEL REMOVAL AND REUSE.

ITEM 606 - SPECIAL - NOISE BARRIER PANEL REMOVAL AND REUSE

THIS ITEM SHALL CONSIST OF ANY REMOVAL, STORAGE, AND RE-INSTALLATION OF EXISTING CONCRETE NOISE PANELS. IT WILL ALSO INCLUDE THE REMOVAL. STORAGE AND RE-INSTALLATION OF EXISTING POST CAPS (IF ANY), AND THE REMOVAL, STORAGE, DISPOSAL AND REPLACEMENT OF ANY CLIP ANGLES, SUPPORTS AND/OR OTHER APPURTENANCES THAT MAY BE IN CONFLICT WITH THE PROPOSED DESIGN. DISPOSAL SHALL FOLLOW ANY APPLICABLE LOCAL, STATE OR FEDERAL LAWS REGARDING SUCH DISPOSAL. CARE SHALL BE TAKEN TO NOT DAMAGE THE EXISTING PANELS DURING REMOVAL, STORAGE, AND REINSTALLATION. REPAIR OR REPLACE DAMAGED PANELS AT NO COST TO THE PROJECT.

CARE SHALL BE TAKEN WITH REMOVAL AS TO NOT DAMAGE ANY PORTION OF THE EXISTING NOISE BARRIER POST AND FOUNDATION THAT IS TO REMAIN. REPLACE OR REPAIR POSTS DAMAGED BY PANEL REMOVAL OPERATIONS AT NO COST TO THE PROJECT. AT LEAST SEVEN (7) BUSINESS DAYS BEFORE PERFORMING REPAIR WORK, SUBMIT REPAIR PLAN, DEVELOPED BY AN OHIO REGISTERED PROFESSIONAL ENGINEER TO THE ENGINEER. OBTAIN ENGINEER'S APPROVAL BEFORE PERFORMING THE REPAIR.

REMOVED AND REUSED NOISE BARRIER PANELS SHALL BE REINSTALLED WITHIN 1 WEEK OF THE REMOVAL OF THE PANELS.

THIS ITEM SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE BID PER EACH UNDER ITEM 606. SPECIAL - NOISE BARRIER PANEL REMOVAL AND REUSE.

FIELD VERIFICATION OF PANEL DIMENSIONS

PRIOR TO THE FABRICATION/CASTING OF ALL NEW PANELS. CONTRACTOR IS TO FIELD VERIFY THE EXISTING PANEL DIMENSIONS. FIELD VERIFICATON OF EXISTING DIMENSIONS IS INCLUDED IN THE UNIT PRICE BID FOR THE PANEL

EXISTING PLANS

THE EXISTING GRE-675 FIBERGLASS NOISE WALL DETAILS CONSTRUCTED WITH PID 85364 ARE INCLUDED AS REFERENCE FILES.

CLEARING AND GRUBBING

ALTHOUGH THERE ARE NO TREES OR STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE LIMITS OF THE PROJECT, A LUMP SUM QUANTITY IS INCLUDED IN THE GENERAL SUMMARY FOR ITEM 201, CLEARING AND GRUBBING. ALL PROVISIONS AS SET FORTH IN THE SPECIFICATIONS UNDER THIS ITEM ARE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201. CLEARING AND GRUBBING.

CLEARING AND GRUBBING WORK IS ONLY REQUIRED AS NEEDED AT NOISE WALL LOCATIONS WHERE INSPECTION OR WORK IS PROPOSED.

ESIGN AGENCY



ESIGNER NCD REVIEWER 112574

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JDO 08-07-25 ROJECT ID

ITEM 606 - SPECIAL - NOISE BARRIERS: REFLECTIVE FIBERGLASS PANELS RAILROAD PROJECT COORDINATION

THIS ITEM WILL BE USED TO INSTALL REFLECTIVE FIBERGLASS NOISE PANELS IN THE SECTIONS DEFINED IN THE NOISE WALL REPLACEMENT SHEET. SEE SHEET 12 FOR THE LOCATION OF INSTALLATION.

FOLLOW STANDARD DRAWING NBS-1-09 AND THE DETAILS OF THESE PLANS.AFTER THE EXISTING NOISE PANELS HAVE BEEN REMOVED PRIOR TO INSTALLING THE NEW PANELS. REGRADE THE GROUND BETWEEN THE EXISTING STEEL POSTS TO ENSURE A SMOOTH DRAINAGE SURFACE FREE OF ALL IRREGULAIRTIES. AFTER REMOVING ALL MATERIAL. THE WEBS AND INSIDE FLANGES SHALL BE ABRASIVELY CLEANED BEFORE INSTALLING NEW FIBERGLASS PANELS AND FIBERGLASS POST COVERS.

ANY ADDITIONAL EMBANKEMENT THAT IS REQUIRED TO OBTAIN THE 6" MINIMUM BURY AND FILL ANY VOIDS REMAINING FROM THE PREVIOUS PANELS IS INCLUDED IN THIS ITEM FOR PAYMENT.

PLAN QUANTITIES FOR REPLACEMENT PANELS HAVE BEEN BASED ON THE AREAS REMOVED.

THESE PANELS ARE TO REPLACE THE EXISTING DAMAGED PANELS AND SHALL BE DESIGNED TO FIT WITHIN THE EXISTING POSTS WITH COVERS. AND SHOULD BE KEPT TIGHT TO THE HIGHWAY FACE. THE CONTRACTOR SHALL PROVIDE SUPPORTS TO HOLD THE PANELS IN PLACE BOTH IN ELEVATION AND LATERALLY BASED ON THE PANEL DETAIL SHEETS.

ACCECPTANCE REQUIREMENTS SHALL BE PER THE STANDARD DRAWING. EXCEPT THAT THE CONTRACTOR SHALL DELIVER TO THE JOBSITE AND ERECT ONE FULL BAY (POST TO POST) WITH PANELS AND COVERS REPRESENTATIVE OF THE FINAL PRODUCT FOR APPROVAL BY THE ENGINEER.

PAYMENT FOR ALL OF THE ABOVE, INCLUDING AESTHETIC TREATMENT DETAILS, SHALL BE INCLUDED IN THE UNIT PRICE PER SQUARE FOOT FOR ITEM 606 - SPECIAL - NOISE BARRIER: FIBERGLASS PANELS UNLESS OTHERWISE NOTED. AND SHALL INCLUDE ALL LABOR. EQUIPMENT. MATERIALS AND INCIDENTALS NECESSARY TO COMPLETE THE ABOVE WORK.

ITEM 202 - REMOVAL MISC.: NOISE BARRIER PANEL REMOVAL AND DISPOSAL

THIS ITEM SHALL CONSIST OF ANY REMOVAL, STORAGE, AND DISPOSAL OF EXISTING NOISE BARRIER PANELS. IT WILL ALSO INCLUDE THE REMOVAL, STORAGE AND DISPOSAL OF ANY CLIP ANGLES AND/OR OTHER APPURTENANCES THAT MAY BE IN CONFLICT WITH THE PROPOSED DESIGN, DISPOSAL SHALL FOLLOW ANY APPLICABLE LOCAL, STATE OR FEDERAL LAWS REGARDING SUCH DISPOSAL.

CARE SHALL BE TAKEN WITH REMOVAL AS TO NOT DAMAGE ANY PORTION OF THE EXISTING NOISE BARRIER POST AND FOUNDATION THAT IS TO REMAIN. REPLACE OR REPAIR POSTS DAMAGED BY PANEL REMOVAL OPERATIONS AT NO COST TO THE PROJECT. AT LEAST SEVEN (7) BUSINESS DAYS BEFORE PERFORMING REPAIR WORK SUBMIT A PROPOSED REPAIR PLAN, DEVELOPED BY AN OHIO REGISTERED PROFESSIONAL ENGINEER TO THE ENGINEER. OBTAIN ENGINEER'S APPROVAL BEFORE PERFORMING THE REPAIR.

THIS ITEM SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE BID PER SQUARE FOOT UNDER ITEM 202 - REMOVAL MISC.: NOISE BARRIER PANEL REMOVAL AND DISPOSAL.

ITEM 606 - SPECIAL - NOISE BARRIER, MISC.: FIBERGLASS POST COVER

FIBERGLASS POST COVERS SHALL BE PROVIDED FOR GRE-675 ON THE ROADWAY SIDE OF THE WALL. THE POST COVERS SHALL BE PAID PER EACH POST COVER AND INCLUDE ALL MATERIALS, LABOR AND INCIDENTALS FOR COMPLETE INSTALLATION OF THE POST COVERS.

THE CONTRACTOR SHALL PERFORM ONGOING COORDINATION OF THEIR DESIGN AND CONSTRUCTION ACTIVITIES WITH THE RAILROAD(S) THROUGHOUT THE PROJECT. THE CONTRACTOR SHALL PROVIDE A CURRENT SCHEDULE ON A MONTHLY BASIS INCLUDING ANTICIPATED DATES OF THE FOLLOWING ITEMS:

- 1. CONSTRUCTION SUBMITTALS REQUIRING RAIL REVIEW AND APPROVAL PRIOR TO BEGINNING CONSTRUCTION (PER THE RAIL AGREEMENT(S)).
- CONSTRUCTION START AND END DATES FOR WORK THAT MAY CREATE AN IMPACT TO THE RAIL FACILITY/OPERATIONS.
- 3. ANTICIPATED DATES AND DURATION FOR FLAGGERS.
- ANY OTHER MILESTONES THAT MAY IMPACT RAIL FACILITIES OR OPERATIONS.

MEANS AND METHODS: THE CONTRACTOR SHALL DEVELOP A DETAILED SUBMISSION INDICATING THE PROGRESSION OF WORK WITH SPECIFIC TIMES WHEN TASKS WILL BE PERFORMED FOR WORK ACTIVITIES THAT ARE ON OR IN THE VICINITY OF THE RAILROAD PROPERTY. THIS SUBMISSION MAY REQUIRE A WALKTHROUGH AT WHICH TIME THE RAILROAD AND/OR THEIR REPRESENTATIVE WILL BE PRESENT. WORK WILL NOT BE PERMITTED TO COMMENCE UNTIL THE CONTRACTOR HAS PROVIDED THE RAILROADS WITH A SATISFACTORY PLAN THAT THE PROJECT WILL BE UNDERTAKEN WITHOUT SCHEDULING, PERFORMANCE, OR SAFETY RELATED ISSUES. PROVIDE A LISTING OF THE ANTICIPATED EQUIPMENT TO BE USED, THE LOCATION OF ALL EQUIPMENT TO BE USED AND ENSURE A CONTINGENCY PLAN OF ACTION IS IN PLACE SHOULD A PRIMARY PIECE OF EQUIPMENT MALFUNCTIONS. ALL WORK IN THE VICINITY OF THE RAILROAD PROPERTY THAT HAS THE POTENTIAL OF AFFECTING TRAIN OPERATIONS MUST BE SUBMITTED AND APPROVED BY THE RAILROAD PRIOR TO WORK BEING PERFORMED. THIS SUBMISSION WILL ALSO INCLUDE A DETAILED NARRATIVE DISCUSSING THE COORDINATION OF PROJECT SAFETY ISSUES BETWEEN THE CONTRACTOR AND THE RAILROAD AND/OR THEIR REPRESENTATIVE. THE NARRATIVE SHALL ADDRESS PROJECT LEVEL COORDINATION AND DAY TO DAY, SPECIFIC WORK OPERATIONS INCLUDING CRANE AND EQUIPMENT OPERATIONS. ERECTIONS PLANS AND TEMPORARY WORKS. UP TO SIXTY (60) CALENDAR DAYS WILL BE REQUIRED TO REVIEW ALL CONSTRUCTION SUBMISSIONS. UP TO AN ADDITIONAL SIXTY (60) CALENDAR DAYS WILL BE REQUIRED TO REVIEW ANY SUBSEQUENT SUBMISSIONS RETURNED NOT APPROVED. CONSTRUCTION SCHEDULE: SUBMIT A DETAILED CONSTRUCTION SCHEDULE FOR THE DURATION OF THE PROJECT CLEARLY INDICATING THE TIME PERIODS WHILE WORKING ON AND AROUND THE RAILROADS RIGHT-OF-WAY. AS THE WORK PROGRESSES, THIS SCHEDULE SHALL BE UPDATED MONTHLY AND RESUBMITTED AS NECESSARY TO REFLECT CHANGES IN WORK SEQUENCE. DURATION AND METHOD, ETC.

CSX TRANSPORTATION COORDINATION NOTES

- 1. REFER TO THE CSX TRANSPORTATION PUBLIC PROJECT INFORMATION MANUAL FOR ADDITIONAL REQUIREMENTS NEEDED FOR WORKING ON/ABOVE/ADJACENT TO CSXT. SPECIFIC SECTIONS THAT PERTAIN TO THIS PROJECT ARE SPECIAL PROVISIONS FOR CONSTRUCTION NEAR CSXT PROPERTY, OVERHEAD BRIDGE CRITERIA, CONSTRUCTION SUBMISSION CRITERIA, AND INSURANCE REQUIREMENTS FOR PUBLIC PROJECTS.
- 2. CONTRACTOR ACCESS WILL BE LIMITED TO THE IMMEDIATE PROJECT AREA ONLY. THE CSXT RIGHT-OF-WAY OUTSIDE THE PROJECT AREA MAY NOT BE USED FOR CONTRACTOR ACCESS TO THE PROJECT SITE AND NO TEMPORARY AT-GRADE CROSSINGS WILL BE ALLOWED.
- 3. THE CONTRACTOR WILL BE REQUIRED TO ABIDE BY THE PROVISIONS OF THE AGENCY/CSXT CONSTRUCTION AGREEMENT. PERIODICALLY. THROUGHOUT THE PROJECT DURATION, THE CONTRACTOR MAY BE REQUIRED TO MEET, DISCUSS AND, IF NECESSARY, TAKE IMMEDIATE ACTION AT THE DISCRETION OF CSXT PERSONNEL AND/OR THEIR AUTHORIZED REPRESENTATIVE, TO COMPLY WITH PROVISIONS OF THAT AGREEMENT AND THESE SPECIFICATIONS.
- 4. IT IS THE RESPONSIBILITY OF THE INDIVIDUAL OWNERS OF WIRELINES, PIPELINES, UTILITIES, ETC. TO COORDINATE DIRECTLY WITH CSXT REAL ESTATE AND FACILITIES MANAGEMENT (REFM) GROUP. THIS INCLUDES ALL NEW INSTALLATIONS AND THE ADJUSTMENT. MODIFICATION, REMOVAL OR RETIREMENT IN PLACE OF ALL EXISTING FACILITIES.
- 5. THE CONTRACTOR MAY NOT USE CSXT RIGHT-OF-WAY FOR STORAGE OF MATERIALS OR EQUIPMENT DURING CONSTRUCTION WITHOUT PRIOR CSXT APPROVAL. THE CSXT RIGHT-OF-WAY MUST ALWAYS REMAIN CLEAR FOR RAILROAD USE. EQUIPMENT MAY NOT BE POSITIONED TO BLOCK THE RAILROAD ACCESS ROAD. TRACK AREA OR ANY PART OF THE CSXT RIGHT-OF-WAY WITHOUT PRIOR CSXT APPROVAL. ALL MOVEMENTS OF EQUIPMENT WITHIN RAILROAD RIGHT-OF-WAY MUST BE COORDINATED WITH THE RAILROAD FLAGGER.
- 6. THE ROADWAY AUTHORITY. OR DESIGNATED CONTRACTOR. SHALL COORDINATE WITH THE RAII ROAD WHENEVER THE CONTRACTOR'S WORK ACTIVITIES ARE LOCATED OVER, UNDER OR WITHIN THE RAILROAD'S RIGHT-OF-WAY.
- 7. ANY DAMAGE CAUSED BY THE PROJECT WORK TO THE TRACK OR RAILROAD PROPERTY WILL REQUIRE REPAIR IMMEDIATELY UPON NOTIFICATION FROM THE RAILROAD OR THEIR DESIGNATED REPRESENTATIVE. IF THE DAMAGE AFFECTS THE TRACK. TRACK STRUCTURE, RAILROAD FACILITIES, OR TRAIN OPERATIONS AS DETERMINED BY THE RAILROAD. THE REPAIRS WILL BE PERFORMED BY THE RAILROAD AT THE CONTRACTOR'S EXPENSE INCLUDING ALL ASSOCIATED COSTS OF DELAYS TO THE RAILROAD.
- 8. DURING TRAIN MOVEMENTS THROUGH THE PROJECT LOCATION, VEHICLES, EQUIPMENT, AND PERSONNEL WILL NOT BE ALLOWED TO OPERATE WITHIN TWENTY-FIVE (25) FEET OF THE TRACK.
- 9. CSXT SHALL BE NOTIFIED AT LEAST FIVE (5) DAYS IN ADVANCE OF THE PRE-CONSTRUCTION MEETING.
- 10. THE CONTRACTOR SHALL COORDINATE ALL WORK ON, OVER OR ADJACENT TO THE RAILROADS WITHIN THE PROJECT'S LIMITS. THE CONTRACTOR SHALL CONTACT CSX TRANSPORTATION AT LEAST THIRTY (30) DAYS IN ADVANCE IN ORDER TO COORDINATE THE NECESSARY WORK. UNDER NO CIRCUMSTANCES SHALL THERE BE ANY WORK WITHIN THE RAILROAD RIGHT-OF-WAY WITHOUT THE PROPER AUTHORIZATION AND/OR FLAG PROTECTION FROM THE RAILROAD.

CSX TRANSPORTATION COORDINATION NOTES (CONT.)

- 11. THE USE OF ACETYLENE GAS IS PROHIBITED FOR USE ON OR OVER CSXT PROPERTY. TORCH CUTTING SHALL BE PERFORMED UTILIZING OTHER MATERIALS SUCH AS PROPANE.
- 12. CSXT REQUIRES THAT THE CONTRACTOR SUBMIT AND RECEIVE ACCEPTANCE OF A COMPREHENSIVE MEANS & METHODS SUBMITTAL (CSXT CONSTRUCTION SUBMISSION CRITERIA, ISSUED MAY 2023) DETAILING SCOPE WORK WITHIN CSXT TRACKS OR RIGHT-OF-WAY, OR OTHER WORK WHICH PRESENTS THE POTENTIAL TO AFFECT CSXT PROPERTY OR OPERATIONS TO UNDERTAKING THE WORK.
- 13. A "MEANS & METHODS" WORK PLAN FOR PAINT PREPARATION AND PAINTING OF SUPERSTRUCTURE WITHIN THE RAILROAD AND ADJACENT SPANS WILL BE REQUIRED:
 - A. IT SHALL INCLUDE A COMPREHENSIVE RIGGING AND CONTAINMENT PLAN.
 - B. IT SHALL PROVIDE FOR A CLEAN-UP AND DISPOSAL OF ALL PAINT AND OTHER MATERIAL REMOVED FROM THE BRIDGE. ALL WASTE MATERIALS GENERATED BY THIS PROJECT, INCLUDING BUT NOT LIMITED TO, WASHING WITH CLEANING SOLVENTS. BLASTING. SCRAPING. BRUSHING AND PAINTING OPERATIONS. SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE CONTAINED. COLLECTED AND PROPERLY DISPOSED. CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL ENVIRONMENTAL LAWS, REGULATIONS. STATUTES AND ORDINANCES AT ALL TIMES.
 - C. IT SHALL DESCRIBE THAT MATERIALS REMOVED DURING THE SURFACE PREPARATION MUST NOT ESCAPE AND IMPACT THE SURROUNDING AREA INCLUDING GROUND, WATER, OR AIR.
 - D. IT SHALL SHOW THE MATERIAL AND EQUIPMENT STORAGE AND STAGING AREAS, MATERIAL AND EQUIPMENT SHALL NOT BE STORED OR STAGED ON CSXT PROPERTY.
 - E. THE WORK MUST BE DONE IN ACCORDANCE WITH ALL APPROPRIATE REGULATIONS AND OVER SPRAY CONTROLLED TO PREVENT DAMAGE TO ADJACENT PROPERTY. FACILITIES AND VEHICLES IN THE AREA
 - F. QUALIFICATIONS AND EXPERIENCE OF THE PAINTING CONTRACTOR WILL BE REQUIRED. CSXT ACCEPTS STATE QUALIFIED BRIDGE PAINTING CONTRACTORS WORKING FOR THE RESPONSIBLE AGENCY.

DESIGN AGENCY



DESIGNER

NCD REVIEWER JDO 08-07-25 ROJECT ID 112574

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		20,403									19,213	7,248	202	38400	20,403	<u>J</u> 1	REMOVAL MISC., NOISE BARRIER FAMEL REMOVAL AND DISFOSAL	
		602									302	300	519	11101	602	SF	PATCHING CONCRETE STRUCTURE, AS PER PLAN	6
		24,188									17,180	7,008	SPECIAL	60610210	24,188	SF	NOISE BARRIER (REFLECTIVE), CONCRETE PANEL	6
		373									256	117	SPECIAL	60610720	373	EACH	NOISE BARRIER PANEL REMOVAL AND REUSE	6
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	Ç	2,515									2,275	240	SPECIAL	60610920	2,515	SF	NOISE BARRIER(REFLECTIVE), FIBERGLASS PANEL	7
											<u> </u>						STRUCTURE OVER 20 FOOT SPAN (3118460)	
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200											100	100	614	11110	200	HOUR	MAINTENANCE OF TRAFFIC LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
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3										2 15,000	1		614 900	18601 00100	3 15,000		PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN RAILROAD FLAGGING SERVICES	8a
										LS	LS	LS	614	11000	LS		INCIDENTALS MAINTAINING TRAFFIC	
										LS LS	LS LS	LS LS	623 624	10000	LS LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING MOBILIZATION	
					<u></u>	<u> </u>												
													_		_			
					1													

MODEL: Sheet PAPERSIZE: 34x22 (in.) DATE: 11/26/2025 TIME: 11 pw:\\othiodot-pw.bentlev.com:ohiodot-nw-02\Daries (in.) Paries (in.)

DESIGN AGENCY

DESIGNER NCD REVIEWER
JDO 08-07-25 PROJECT ID 112574

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			202 202		SPECIAL	SPECIAL	SPECIAL	SPECIAL	SPECIAL	
ROUTE PLAN SPLIT		S.L.M	REMOVAL MISC; STEEL POST REMOVAL REMOVAL MISC.; NOISE BARRIER	ATCHING CONCRETE UCTURE, AS PER PLAN	NOISE BARRIER (REFLECTIVE), CONCRETE PANEL	NOISE BARRIER PANEL REMOVAL AND REUSE	NOISE BARRIER, STEEL POST	IOISE BARRIER, FIBERGLAS POST COVER	NOISE BARRIER, FIBERGLASS PANEL	
		REPLACEMENT	EACH SF		SF	EACH	EACH	2 (SF	-
HAM-126 03/NHS HAM-126 03/NHS HAM-126 03/NHS	IS 7.83 IS 7.94 IS 8.24	EB TO 7.90 EB EB EB EB	96 96 3 2592	2	96 96 2592	2 15	3	<u> </u>		
HAM-126 03/NHS HAM-126 03/NHS	IS 9.27	EB TO 8.78 EB EB TO 9.29 EB	192 384	1	192 384	10				
HAM-126 03/NHS HAM-126 03/NHS	IS 10.05	EB TO 9.43 EB EB	2490 96		2496 96	33		<u> </u>		-
HAM-126 03/NHS HAM-126 03/NHS HAM-126 03/NHS	IS 11.28	EB TO 11.32 EB EB TO 12.74 EB	96 384 240	1	96 384	8		E	240	-
HAM-126 03/NHS		WB	192		192	3		-	240	A Y
HAM-126 03/NHS		WB TO 11.14 WB	384		384	8				
HAM-75 02/IMS		SB	96		336			E		
HAM-71 02/IMS HAM-71 02/IMS HAM-71 02/IMS	S 15.38	NB TO 13.85 NB NB TO 15.48 NB NB TO 16.35 NB	6240 1200 1292	0	6240 1200 1292	106 24 21		<u> </u>		JBS
HAM-71 02/IMS		SB TO 12.82 SB	1292		1292	8		\		
HAM-71 02/IMS HAM-71 02/IMS HAM-71 02/IMS	S 13.10 S 14.30	SB TO 13.86 SB SB SB SB	4650 2112 96	6 2	4656 2112 96	94				MAL
GRE-675 02/IMS	S 3.32	NB TO 3.73 NB	55					15	55	
GRE-675 02/IMS		SB TO 3.64 SB	60					19	60	
GRE-675 02/IMS		SB TO 6.90 SB	3 2160	0			3	8	2160	
		REHAB								_
HAM-126 03/NHS HAM-126 03/NHS HAM-126 03/NHS	IS 8.36	EB TO 8.34 EB EB TO 8.43 EB EB TO 8.78 EB		66 88 57				2		_
HAM-126 03/NHS		EB TO 9.24 EB		23				\{		-
HAM-126 03/NHS HAM-126 03/NHS	IS 11.47 IS 8.58	WB TO 11.10 WB WB TO 8.56 WB		22 44				\		
								<u>}</u>		
BUT-75 02/IMS BUT-75 02/IMS		NB TO 2.64 NB		45 40				<u> </u>		-
HAM-71 02/IMS	S 13.15	NB		2				\		-
HAM-71 02/IMS HAM-71 02/IMS	S 13.20	NB NB		1 16						
HAM-71 02/IMS HAM-71 02/IMS	S 13.50	NB TO 13.40 NB NB TO 13.60 NB		36 46				-		
HAM-71 02/IMS	S 13.68	NB TO 13.83 NB		48				<u> </u>		
GRE-675 02/IMS GRE-675 02/IMS		NB NB		20 28				<u> </u>		DESIGN AGENCY
GRE-675 02/IMS		NB NB		20				<u> </u>		
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								\		DESIGNER NCD
								\		REVIEWER JDO 08-07-2
								<u> </u>		PROJECT ID 112574
TOTALS CARRIED TO	GENERAL SUMMAR	RY	6 2646	602	24188	373	6	42	2515	SHEET TOTAL 11 34