

PROJECT DESCRIPTION AND BUDGETED FUNDS

THIS PROJECT IS A DISTRICT 3 GUARDRAIL REPAIR AND/OR REPLACEMENT PROJECT INCLUDING WORK IN EACH OF DISTRICT 3 COUNTIES (ASHLAND, CRAWFORD, ERIE, HURON, LORAIN, MEDINA, RICHLAND, AND WAYNE) ON VARIOUS ROUTES AND SECTIONS.

THE INTENT OF THIS PROJECT IS TO REPAIR ANY DESIGNATED DAMAGED GUARDRAIL RUNS OR ADD, REMOVE OR REPLACE BARRIER RAIL THROUGHOUT THE DISTRICT. THE LOCATION AND ESTIMATED AMOUNT OF GUARDRAIL TO BE REPLACED OR BARRIER RAIL TO BE ADDED, REMOVED OR REPLACED SHALL BE FURNISHED TO THE CONTRACTOR BY THE DISTRICT 3 HIGHWAY MANAGEMENT DEPARTMENT.

THE MAXIMUM CONTRACT VALUE IS \$1,100,000. THE CONTRACT COMPLETION DATE IS 1/31/2028. THE CONTRACT WILL TERMINATE ~~UPON REACHING~~ EITHER THE CONTRACT COMPLETION DATE OR THE OVERALL MAXIMUM CONTRACT VALUE, WHICHEVER COMES FIRST. THE CONTRACT MAY INCLUDE ONE INCREASE OF UP TO \$100,000 TO THE MAXIMUM CONTRACT VALUE, AT THE DISCRETION OF THE ENGINEER.

THE CONTRACT PERIOD INITIALLY BEGINS AT THE NOTICE TO PROCEED AND ENDS AS DESCRIBED ABOVE. REFER TO IDIQ (INDEFINITE DELIVERY, INDEFINITE QUANTITY) SPECIAL PROVISIONS FOR FURTHER CONTRACT PROVISIONS. THE IDIQ SPECIAL PROVISIONS REVISE AND SUPERSEDE SECTION 100 OF THE CONSTRUCTION AND MATERIALS SPECIFICATIONS.

THE CONTRACTOR SHALL NOT PERFORM ANY GUARDRAIL WORK UNTIL AUTHORIZATION IS RECEIVED FROM THE ENGINEER. THIS AUTHORIZATION SHALL BE IN THE FORM OF A "WORK ORDER" (A COPY OF THE AFOREMENTIONED WORK ORDER APPEARS IN THE PLAN. THE ENGINEER SHALL FURNISH TO THE CONTRACTOR A COMPLETED AND SIGNED "WORK ORDER" FOR EACH LOCATION BEFORE THE CONTRACTOR MAY COMMENCE THE WORK.

WITHIN 21 DAYS OF RECEIVING A WORK ORDER THE CONTRACTOR SHALL COMPLETE THE WORK ORDER UNLESS OTHERWISE APPROVED BY THE ENGINEER. AS LONG AS THERE IS UNCOMPLETED WORK OR THE CONTRACTOR IS IN POSSESSION OF UNFULFILLED WORK ORDERS, THE CONTRACTOR SHALL CONTINUALLY PURSUE THE COMPLETION OF THE WORK OR BE SUBJECT TO TERMINATION OF THE CONTRACT AS PROVIDED FOR IN THE FOLLOWING SECTION. WHEN MULTIPLE ORDERS HAVE BEEN ISSUED AND REMAIN INCOMPLETE, THE CONTRACTOR SHALL WORK ON THE LOCATIONS IN THE ORDER OF PRIORITY, AS DIRECTED BY THE ENGINEER. NO NEW WORK LOCATIONS SHALL BE INITIATED BY THE CONTRACTOR PRIOR TO THE COMPLETION OF WORK AT ANY GIVEN LOCATION, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

21 DAYS AFTER NOTIFICATION SHALL BE DEEMED AN INTERIM COMPLETION DATE. A DISINCENTIVE OF \$1,000/DAY SHALL BE APPLIED FOR ANY PORTION OF A CALENDAR DAY THAT HAS EXCEEDED AN INTERIM COMPLETION DATE.

TERM AND TERMINATION OF THE CONTRACT

IN ADDITION TO THE GENERAL PROVISIONS AS SPECIFIED IN SECTION 100 OF THE CONSTRUCTION AND MATERIALS SPECIFICATIONS, IT IS STIPULATED THAT THE CONTRACT SHALL LAST NO LONGER THAN THE SPECIFIED COMPLETION DATE. UPON WRITTEN NOTICE FROM THE DIRECTOR OF TRANSPORTATION TO THE CONTRACTOR, OF NOT LESS THAN 15 CALENDAR DAYS, THE DIRECTOR MAY TERMINATE THE CONTRACT ANY TIME. WORK ORDERS WILL STOP ON THIS CONTRACT ON JANUARY 16, 2028 SO THE REMAINING WORK ORDERS CAN BE COMPLETED BY JANUARY 31, 2028

THE TERM OF THE CONTRACT SHALL BE FROM NOVEMBER 2, 2027 TO JANUARY 31, 2028.

PERSONNEL

THE CONTRACTOR SHALL MAINTAIN A MINIMUM FOUR (4) PERSON CREW OF QUALIFIED PERSONNEL AND EQUIPMENT, OR AS REQUIRED BY THE ENGINEER, TO PERFORM THE WORK FOR THE DURATION OF THE CONTRACT.

ESTIMATED QUANTITIES

SPECIFIC USAGE OF ESTIMATED QUANTITIES SET UP ON THIS PLAN TO BE USED AS DIRECTED BY THE ENGINEER SHALL BE MADE A MATTER OF RECORD BY INCORPORATION INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT. THE ENGINEER ALSO MAINTAINS THE RIGHT TO NON-PERFORM ANY OF THE PROJECT'S ITEMS AT ANY TIME. THE ONLY EXCEPTION BEING THE DEPARTMENT'S PROCEDURE FOR PURCHASING THE SURPLUS MATERIAL AS DESCRIBED IN THE "MATERIALS ON HAND" NOTE.

UNDERGROUND UTILITIES

EXTREME CAUTION SHOULD BE EXERCISED IN AREAS WITH UNDERGROUND WATER LINES, DRAINS, CABLES, SEWERS OR OTHER UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THAT THERE ARE NO UNDERGROUND UTILITIES BEFORE ANY EXCAVATING OR POST DRIVING BEGINS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ANY UTILITIES THAT MAY BE AFFECTED BY THE WORK PERFORMED FOR THIS CONTRACT. THE CONTRACTOR SHALL NOTIFY THE UTILITIES SUFFICIENTLY BEFORE WORK BEGINS SO THAT THE COMPANIES CAN LOCATE AND MARK THE LOCATION OF THEIR FACILITIES BEFORE ANY EXCAVATION OR POST DRIVING BEGINS. THE CONTRACTOR SHALL ALSO LOCATE AND AVOID UNDERGROUND DRAINAGE PIPES NOT ASSOCIATED WITH A PARTICULAR UTILITY COMPANY. IF ANY CONFLICTS OCCUR THE ENGINEER SHALL DETERMINE WHETHER THE POSITION OF THE GUARDRAIL CAN BE ADJUSTED TO AVOID THE UTILITY OR IF RELOCATION OF THE UTILITY WILL BE REQUIRED.

PUBLIC SAFETY AND PROTECTION OF INCOMPLETE WORK

BEFORE WORK BEGINS, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER THE NAMES AND TELEPHONE NUMBERS OF PERSONS WHOM CAN BE CONTACTED 24 HOURS A DAY BY THE OHIO DEPARTMENT OF TRANSPORTATION AND ALL INTERESTED LAW ENFORCEMENT AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING OR REPLACING NECESSARY CONTROL DEVICES TO MAINTAIN TRAVELED PAVEMENT SAFELY.

NO HAZARD SHALL BE LEFT UNPROTECTED EXCEPT FOR THE ACTUAL TIME NECESSARY TO REMOVE, GRADE AND REINSTALL GUARDRAIL IN A CONTINUOUS OPERATION. THE REMOVAL OF ALL GUARDRAIL SHALL AT ALL TIMES BE AS DIRECTED BY THE ENGINEER. NO GUARDRAIL SHALL BE REMOVED UNTIL THE REPLACEMENT MATERIAL IS ON SITE AND READY FOR INSTALLATION. FAILURE TO COMPLY WITH THIS REQUIREMENT SHALL BE DEEMED SUFFICIENT CAUSE TO ORDER WORK SUSPENDED ON THIS PROJECT UNTIL SUCH TIME THAT THE ENGINEER IS ASSURED OF COMPLIANCE.

ANY HAZARD, DURING NON-WORKING HOURS SHALL BE ADEQUATELY PROTECTED WITH DRUMS OR BARRICADES, AS DIRECTED BY THE ENGINEER. PAYMENT FOR ANY SUCH WORK REQUIRED WILL BE CONSIDERED AS INCIDENTAL AND INCLUDED IN THE GUARDRAIL REPAIR ITEM.

MATERIALS ON HAND

AT ALL TIMES, THE CONTRACTOR SHALL MAINTAIN ON HAND, AND HAVE IN STOCK, GUARDRAIL MATERIAL SUFFICIENT TO COMPLETE 25% OF THE UNCOMPLETED CONTRACT BID ITEMS, UP TO THE TIME THAT 75% OF THE WORK IS COMPLETED. AT THIS TIME, THE CONTRACTOR SHALL STOCK SUFFICIENT MATERIALS TO COMPLETE THE PROJECT AS DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL RECEIVE PAYMENT FOR THESE MATERIALS DESCRIBED ABOVE IN ACCORDANCE WITH ITEM 109.10, PAYMENT FOR DELIVERED MATERIALS. THE STATE MAY AT ANYTIME NOTIFY THE CONTRACTOR TO NOT ORDER OR STOCK ANY ADDITIONAL MATERIAL AND THEN MAY USE THE IN STOCK ITEMS. ODOT SHALL PURCHASE ALL SURPLUS GUARDRAIL MATERIAL PURCHASED BY THE CONTRACTOR AND NOT USED ON THIS PROJECT.

MATERIAL(S) : GALVANIZED BEAM RAIL, STEEL POSTS, WOOD POSTS, SPACER BLOCKS, FLARED END SECTIONS, TERMINAL CONNECTORS, NUTS, BOLTS, AND WASHERS AS SHOWN IN THE GR SERIES STANDARD DRAWINGS (606 ITEMS). THIS DOES NOT INCLUDE TUBULAR BACKUP.

LOCATIONS OF GUARDRAIL

THE GUARDRAIL PROTECTION PROVIDED IN THIS PLAN AND DETAILED ON THE "WORK ORDERS" SHALL BE LOCATED IN THE FIELD TO ASSURE THAT THE INSTALLATION WILL AFFORD THE MAXIMUM PROTECTION FOR TRAFFIC. THIS LOCATION SHALL BE POSITIONED AS FAR AS POSSIBLE FROM THE EDGE OF PAVEMENT. THE MAXIMUM SLOPE IN FRONT OF GUARDRAIL SHALL BE 10:1 - EMBANKMENT AND/OR RESHAPING UNDER GUARDRAIL SHALL BE COMPLETED TO MEET THIS 10:1 MAX. ANCHOR ASSEMBLIES, EXCEPT E-98 SHALL BE FLARED, AS DIRECTED BY THE ENGINEER.

AIRWAY/HIGHWAY CLEARANCE FOR AIRPORTS AND HELIPORTS (GENERAL HEIGHT RESTRICTIONS)

THIS PROJECT IS EXPECTED TO BE CONSTRUCTED WITHIN THE GENERALLY ACCEPTED PUBLIC ROADWAY ENVELOPE IN REGARD TO COORDINATION WITH THE FAA. AT NO POINT SHALL THE WORKING HEIGHT OF ANY MATERIAL OR EQUIPMENT EXCEED 17 FEET VERTICALLY ON INTERSTATE ROADWAYS OR 15 FEET ON ALL OTHER PUBLIC ROADWAYS, PLUS OR MINUS FAA OBSTACLE ACCURACY CODE LEVEL 1A, REFERENCED FROM FAA ORDER 8260.19H, APPENDIX C. SHOULD THERE BE A NEED TO EXCEED THIS HEIGHT, THE CONTRACTOR OR ODOT MAINTENANCE CREW COMPLETING THE WORK WILL BE RESPONSIBLE FOR CHECKING THE HEIGHT OF THE POSSIBLE OBSTRUCTION USING THE OEAAA "PRE-SCREENING TOOL", AND IF NEEDED, SUBMITTING FORM 7460-1 TO THE FAA VIA THE FAA OBSTRUCTION EVALUATION GROUP'S ONLINE PROJECT FILING PROCESS. NOTIFY THE ODOT DISTRICT THREE FAA COORDINATOR WHEN SUBMITTING FAA FORM 7460-1.

{NO CONSTRUCTION EQUIPMENT, PERMANENT OR TEMPORARY STRUCTURES SHALL EXCEED THE PERMISSIBLE HEIGHT, UNTIL A COPY OF THE FAA APPROVAL AND/OR THE ODOT OFFICE OF AVIATION PERMIT HAS BEEN FURNISHED TO THE ODOT PROJECT MANAGER/ASSET OWNER AND THE DISTRICT FAA COORDINATOR VIA EMAIL AT Ethan.Caudill@dot.ohio.gov. THE CONTRACTOR OR ODOT MAINTENANCE CREW COMPLETING THE WORK SHALL COMPLY WITH ALL ASPECTS OF ANY DETERMINATION LETTERS PROVIDED BY THE FAA. NO WORK SHALL BE PERMITTED UNTIL AN ACCEPTABLE DETERMINATION LETTER(S) IS (ARE) RECEIVED AND ACCEPTED BY THE DISTRICT FAA COORDINATOR.

FOR AN EMERGENCY REPAIR THAT WILL TAKE PLACE WITHIN THE INFLUENCE AREA OF AN AIRPORT, GO THROUGH THE AFORMENTIONED PROCESS. IF THE REQUESTED HEIGHT IS FOUND TO BE AN OBSTACLE TO AN AIRPORT, BUT WORK WILL NEED TO BE COMPLETED WITHIN THE 45 DAY FEEDBACK WINDOW PROVIDED TO THE FAA, NO WORK SHALL OCCUR UNTIL THE AIRPORT IN QUESTION GIVES APPROVAL AND MEETS THE PROPER NOTAM REQUIREMENTS, ALONG WITH A TEMPORARY APPROVAL FROM THE ODOT DEPARTMENT OF AVIATION. WORK MAY BE PERFORMED AS NEEDED WITH APPROVAL FROM THE AIRPORT.}

ALL COORDINATION AND DELAYS AS A RESULT OF THIS EXTRA WORK SHALL BE BORNE BY THE CONTRACTOR AT NO COST TO THE DEPARTMENT.

ITEM 614 - MAINTENANCE OF TRAFFIC

TRAFFIC SHALL BE MAINTAINED AT ALL TIMES IN ACCORDANCE WITH THE PROVISIONS OF ITEM 614 OF THE SPECIFICATIONS. WHERE ALL WORK ACTIVITIES ARE CONFINED TO THE SHOULDER AND NO ENCROACHMENT INTO THE TRAVELED LANES IS NECESSARY, THE MINIMUM TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH FIGURE 6H-3 (TA-3) OF THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (LATEST REVISION). WHEN WORKING ON NARROW BARRIER MEDIAN, TRAFFIC CONTROL SHALL BE PLACED ON BOTH SIDES OF THE MEDIAN AND PAID AS TWO SEPARATE LANE CLOSURES.

ANY HAZARD DURING NON-WORKING HOURS SHALL BE ADEQUATELY PROTECTED WITH DRUMS AND/OR BARRICADES, AS DIRECTED BY THE ENGINEER.

WHERE ANY ENCROACHMENT ON THE TRAVELED LANES ARE NECESSARY, THE CONTRACTOR SHALL PLACE LANE CLOSURES OR USE FLAGGER CONTROL AS APPROPRIATE, IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (LATEST REVISION) AND/OR ANY STANDARD CONSTRUCTION DRAWINGS REFERENCED ON THE TITLE SHEET, AS DIRECTED BY THE ENGINEER.

PAYMENT SHALL BE AT THE UNIT BID PRICE FOR ONLY ONE TRAFFIC CONTROL SET-UP AT EACH LOCATION. THE CONTRACTOR SHALL WORK ON ONLY ONE SIDE OF A TWO LANE HIGHWAY AT ANY ONE TIME. REPAIRS MADE ON OPPOSITE SIDES OF THE ROAD WHICH DO NOT REQUIRE THE CONTRACTOR TO REMOBILIZE TO RELOCATE SIGNS SHALL BE PAID AS ONE SET-UP. WHEN MULTIPLE REPAIR LOCATIONS ARE SUFFICIENTLY CLOSE SO AS CAN BE PRACTICALLY INCLUDED INTO ONE WORK ZONE NOT TO EXCEED THE LENGTH AS ESTABLISHED BY THE ENGINEER, THE CONTRACTOR SHALL SET UP AND BE PAID FOR ONE TRAFFIC CONTROL ZONE UNLESS WORKING IN A NARROW MEDIAN AS DESCRIBED EARLIER. IF WORK CANNOT BE PRACTICALLY COMPLETED IN ONE NORMAL DAY THEN PAYMENT WILL BE MADE FOR AN ADDITIONAL SET-UP TO COMPLETE THE WORK THE FOLLOWING DAY, AND SO ON IF NECESSARY.

MAINTENANCE OF TRAFFIC SHALL BE PAID FOR EACH SET-UP AS DESCRIBED IN THE DESCRIPTION FOR EACH ITEM AND SHALL INCLUDE THE SET-UP OF TRAFFIC CONTROL, MAINTENANCE OF TRAFFIC CONTROL, AND THE REMOVAL OF TRAFFIC CONTROL. PAYMENT SHALL BE INCLUDED IN THE UNIT BID PRICE PER EACH FOR THE ESTIMATED QUANTITIES OF THE 614 MAINTENANCE OF TRAFFIC ITEMS SHOWN BELOW AND CARRIED TO THE GENERAL SUMMARY.

- 150 EACH ITEM 614, MAINTENANCE OF TRAFFIC, ONE LANE CLOSURE ON A TWO LANE HIGHWAY
- 10 EACH ITEM 614, MAINTENANCE OF TRAFFIC, ONE LANE CLOSURE ON A FOUR LANE UNDIVIDED HIGHWAY
- 30 EACH ITEM 614, MAINTENANCE OF TRAFFIC, ONE LANE CLOSURE ON A FOUR LANE OR GREATER DIVIDED HIGHWAY
- 400 EACH ITEM 614, MAINTENANCE OF TRAFFIC, SHOULDER CLOSURE ON ANY HIGHWAY

CONNECTING GUARDRAIL TO EXISTING RAIL

IN LOCATIONS WHERE TYPE 5 GUARDRAIL, TYPE MGS GUARDRAIL, TERMINAL ASSEMBLIES, ETC. ARE TO BE CONNECTED TO EXISTING RAIL, SOME MODIFICATIONS MAY BE REQUIRED INCLUDING EXTRA POSTS, DRILLING HOLES AND POSSIBLY PARTIAL SECTIONS OF ADDITIONAL RAIL ELEMENTS. THE COST OF THIS ADDITIONAL WORK SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE RELATED 606 ITEM. IF ADDITIONAL PORTIONS OF RAIL ELEMENT ARE USED THE LINEAL FOOT MEASUREMENT OF THIS ADDITIONAL PORTION SHALL BE ADDED FOR PAYMENT

GUARDRAIL POST AND POST HOLES

ALL HOLES REMAINING AFTER REMOVAL OF GUARDRAIL POSTS SHALL BE FILLED WITH GRANULAR MATERIAL. FILL MATERIAL CONTAINING SOD SHALL NOT BE USED. ALL FILL MATERIAL SHALL BE APPROVED BY THE ENGINEER. MATERIAL SHALL BE COMPACTED AS DIRECTED BY THE ENGINEER. PAYMENT FOR THE ABOVE SHALL BE INCLUDED IN THE APPLICABLE GUARDRAIL ITEM.

CURVED RAIL ELEMENTS

WHEN A CURVED RAIL ELEMENT IS REQUIRED IT WILL APPEAR ON THE "WORK ORDER" GIVEN TO THE CONTRACTOR PRIOR TO WORKING ON THAT LOCATION. THE COST OF THESE CURVED RAIL ELEMENTS SHALL BE PAID PER FOOT OF THE RELATED GUARDRAIL ITEM OR REBUILT ITEM. THE CONTRACTOR SHALL VERIFY THE RADIUS OF THE CURVED RAIL IN THE FIELD.

INCIDENTAL ITEMS

ALL MATERIAL EXCAVATED FOR POST HOLES OR CONCRETE ANCHORS SHALL BE REMOVED AND DISPOSED OF PROPERLY, AND THE AREA RESTORED TO A NEAT CONDITION SATISFACTORY TO THE ENGINEER. THE COST OF THIS WORK IS TO BE INCLUDED IN THE RELATED BID ITEMS AT EACH LOCATION.

SEEDING OF DISTURBED AREAS

ALL DISTURBED AREAS SHALL BE FERTILIZED, SEEDED, AND MULCHED AS PER ITEM 659. THE COST OF THIS WORK SHALL BE INCLUDED FOR PAYMENT IN THE RESPECTIVE ITEM 606 AND SPECIAL PAY ITEMS AT EACH WORK LOCATION.

DESIGN AGENCY	DISTRICT 3
	
ENGINEERING TEAM THREE	
DESIGNER	JEC
REVIEWER	KCK 3/17/26
PROJECT ID	114989
SHEET	TOTAL
P.02	P.22