



## Fairfield County Engineer

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### **FAI-CR7-3.390 RESURFACING PROJECT ADDENDUM #1**

March 9, 2026

The following information supplements and amends the original Bid Documents and Specifications and shall become part of the Contract Documents.

1. Replace sheet 4 of the plans with the attached. Added Asphalt Rejuvenating Agent quantities and carried to general summary.
2. Replace sheet 5 of the plans with the attached. Added Maintenance of Traffic Notes and clarified sequence of construction for the mill fill area and allowable timing. Added law enforcement officer with patrol car for assistance with hours and carried to general summary.
3. Replace sheet 6 of the plans with the attached. Revised/added items 254, 617, 690, 690, and 614.
4. Replaced page 7.2 with the attached 7.2-ADDENDUM #1. Revised/added items 254, 617, 690, 690, and 614.
5. The Engineer's estimate has been adjusted to \$1,023,992.69.

  
Eric McCrady, P.E.  
Deputy Engineer

*Jeremiah D. Upp, P.E., P.S., County Engineer*

**FAIRFIELD COUNTY ENGINEER'S OFFICE  
FAI-CR 7-3.390 REFUGEE ROAD RESURFACING**

REF. NO.	ITEM NO.	ESTIMATED QUANTITY (A)	UNIT	DESCRIPTION	UNIT PRICE TOTAL (D)	TOTAL COST (AXD)=(E) (E)
1	202	1749	SY	WEARING COURSE REMOVED		
2	202	157	SF	WALK REMOVED		
3	254	38645	SY	PAVEMENT PLANING, ASPHALT CONCRETE (1 1/2" AVERAGE DEPTH)		
4	407	5386	GAL	NON-TRACKING TACK COAT		
5	441	2806	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M		
6	617	224	CY	COMPACTED AGGREGATE		
7	608	119	SF	CURB RAMP		
8	608	157	SF	5" CONCRETE WALK		
9	632	15	EACH	DETECTOR LOOP, AS PER PLAN		
10	611	1	EACH	MANHOLE ADJUSTED TO GRADE		
11	690	67344	SY	SPECIAL - ASPHALT REJUVENATING AGENT		
12	690	1	LS	SPECIAL - TESTING		
13	644	4.96	MILE	CENTER LINE		
14	644	8	MILE	EDGE LINE, 4"		
15	644	306	FT	STOP LINE		
16	644	2710	FT	CHANNELIZING LINE, 8"		
17	644	1071	FT	CROSSWALK LINE, 12"		
18	644	810	FT	TRANSVERSE/DIAGONAL LINE		
19	644	2	EACH	SCHOOL SYMBOL MARKING, 96"		
20	644	52	EACH	LANE ARROW		
21	614	4.96	MILE	WORK ZONE CENTER LINE, CLASS III, 642 PAINT		
22	614	8	MILE	WORK ZONE EDGE LINE, CLASS III, 4", 642 PAINT		
23	614	2710	FT	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT		
24	614	306	FT	WORK ZONE STOP LINE, CLASS III, 642 PAINT		
25	614	86	EACH	WORK ZONE MARKING SIGN		
26	614	60	HOURS	LAW ENFORCEMENT OFFICER W/ PATROL CAR FOR ASSISTANCE		
27	624	1	LS	MOBILIZATION		
28	614	1	LS	MAINTAINING TRAFFIC		

TOTAL AMOUNT OF BID: \$ \_\_\_\_\_

Company Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Address: \_\_\_\_\_

Printed: \_\_\_\_\_

\_\_\_\_\_

Title: \_\_\_\_\_

Phone: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Fax: \_\_\_\_\_

Date: \_\_\_\_\_

FAIRFIELD COUNTY ENGINEER

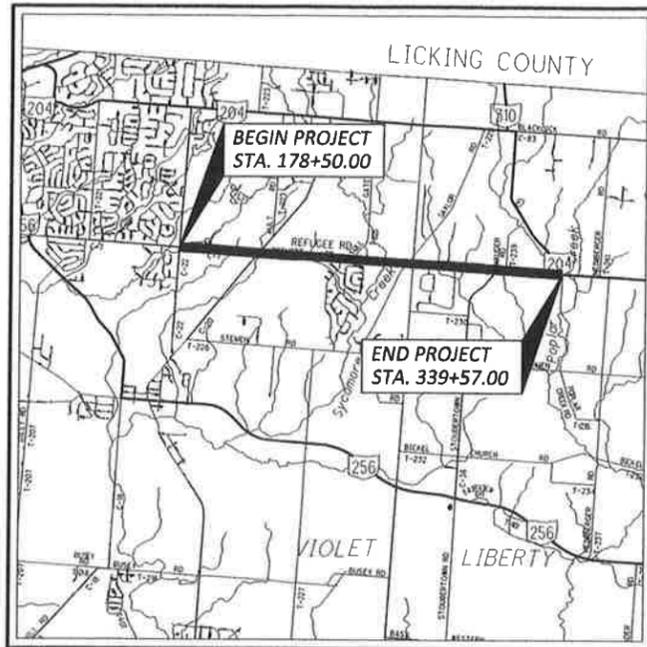
# FAI CR7 3.390

## RESURFACING PROJECT

### VIOLET AND LIBERTY TOWNSHIP

### MILNOR RD TO BLACKCLICK-EASTERN RD (SR204)

**PROJECT DESCRIPTION**  
 IMPROVEMENT OF C.R.7 (REFUGEE RD.) WITHIN VIOLET AND LIBERTY TOWNSHIPS. IMPROVEMENT INCLUDES MILL AND OVERLAY, RESURFACING, CONSTRUCTING AGGREGATE BERMS, AND PAVEMENT MARKINGS.



LOCATION MAP

LATITUDE: 43°12'25" LONGITUDE: 82°45'35"



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

**DESIGN DESIGNATION**

CURRENT ADT'S	
MILNOR RD. - PICKERINGTON RD.	13,191
PICKERINGTON RD. - TOLLGATE RD.	7,760
TOLLGATE RD. - SAYLOR RD.	5,086
SAYLOR RD. - SR204	3,905
LEGAL SPEED	45 MPH / 55 MPH
FUNCTIONAL CLASSIFICATION	MINOR ARTERIAL

INDEX OF SHEETS

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ADDENDUMS

NO.	DESCRIPTION	DATE	APPROVED
1	* Added Asphalt Rejuvenating Agent quantity - P.4, 6 * Maintenance of Traffic General Note 1 revised - P.5 * Added quantity Maintenance of Traffic General Note 2 paragraph K - P.5, 6 * General Summary quantities revised P. 6: Item 254 - Pavement Planing, Asphalt Concrete Item 617 - Compacted Aggregate Item 690 - Special Asphalt Rejuvenating Agent Item 690 - Special Testing Item 614 - Law Enforcement Officer w/ Patrol Car	03/03/2026	ETM

**2023 SPECIFICATIONS**

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

I HEREBY APPROVED THESE PLANS AND DECLARE THAT THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY.

FAIRFIELD COUNTY ENGINEER: \_\_\_\_\_

DATE: 1-21-26

WE THE COMMISSIONERS OF FAIRFIELD COUNTY IN FORMAL SESSION, HEREBY APPROVE THESE PLANS:

COMMISSIONER: \_\_\_\_\_

DATE: 2/3/2026

COMMISSIONER: \_\_\_\_\_

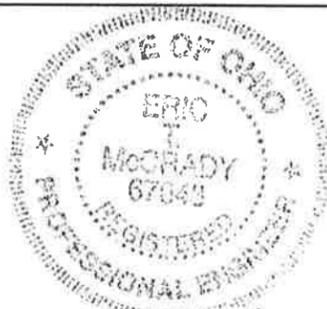
DATE: 2/3/2026

COMMISSIONER: \_\_\_\_\_

DATE: 2/3/2026



PLAN PREPARED BY:  
 FAIRFIELD COUNTY ENGINEER'S OFFICE  
 3026 W. FAIR AVENUE  
 LANCASTER, OHIO 43130  
 JEREMIAH D. UPP, P.E., P.S.  
 FAIRFIELD COUNTY ENGINEER



SIGNED: \_\_\_\_\_  
 DATE: 1/21/26

ENGINEER'S SEAL:				STANDARD CONSTRUCTION DRAWINGS				SUPPLEMENTAL SPECIFICATIONS		SPECIAL PROVISIONS	
BP-3.1	01/19/24			MT-95.30	07/19/19			800	01/17/25		
BP-3.2	01/18/19			MT-95.31	07/19/19						
BP-4.1	07/19/23			MT-95.50	07/21/17						
BP-7.1	01/21/22			MT-95.61	04/19/19						
BP-9.1	01/18/19			MT-97.10	04/19/19						
TC-71.10	04/21/23			MT-97.12	01/20/17						
TC-74.10	07/21/23			MT-99.20	04/19/19						
TC-82.10	07/19/19			MT-101.90	07/17/20						
				MT-105.10	07/17/20						

TITLE SHEET



DESIGN AGENCY	
DESIGNER	JAA
REVIEWER	ETM
PROJECT ID	02/25
PROJECT ID	FAI CR7 3.390
SHEET	1
TOTAL	23

FAI CR7 3.390

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**23. MAINTAINING ACCESS TO PRIVATE PROPERTY**

ACCESS FOR VEHICULAR TRAFFIC TO ALL ADJOINING PROPERTIES SHALL BE MAINTAINED AT ALL TIME . WHERE PROPERTIES ARE ACCESSED BY ONLY ONE DRIVEWAY, PARTIAL WIDTH CONSTRUCTION SHALL BE USED. WITH THE WRITTEN PERMISSION OF THE PROPERTY OWNER, DRIVEWAYS MAY BE CLOSED. THE PERMISSION LETTERS SHALL BE SUBMITTED TO THE PROJECT ENGINEER BEFORE THE COMMENCEMENT OF THE CLOSURE

**24. ITEM SPECIAL - ASPHALT REJUVENATING AGENT**

THE ASPHALT REJUVENATING AGENT SHALL BE COMPOSED OF A PETROLEUM RESIN OIL BASE UNIFORMLY EMULSIFIED WITH WATER. THE MATERIAL SHALL HAVE A SATISFACTORY RECORD OF SERVICE AS AN ASPHALT REJUVENATING AGENT AND IN-DEPTH SEALER; SUCH SATISFACTORY SERVICE BEING BASED ON THE CAPABILITY OF THE MATERIAL TO INCREASE THE DUCTILITY AND PENETRATION VALUE OF THE ASPHALT BINDER IN THE PAVEMENT SURFACE AND TO SEAL THE PAVEMENT IN DEPTH TO THE INTRUSION OF AIR AND WATER.

THE CONTRACTOR SHALL FURNISH THE MANUFACTURER'S CERTIFICATION THAT THE MATERIAL PROPOSED FOR USE IS IN COMPLIANCE WITH THE SPECIFICATION REQUIREMENTS AND INCLUDE COPIES OF SUPPORTING TESTS AND PREVIOUS USE DOCUMENTATION. THE PRODUCT "RECLAMITE", AS APPLIED BY PAVEMENT TECHNOLOGY, INC. 11260 BERE ROAD, CLEVELAND, OHIO 44102 OR AN APPROVED EQUAL, IS ACCEPTABLE FOR THESE REQUIREMENTS.

THE ASPHALT REJUVENATING AGENT SHALL BE APPLIED BY DISTRIBUTOR AT THE TEMPERATURE RECOMMENDED BY THE MANUFACTURER AND AT THE PRESSURE REQUIRED FOR PROPER DISTRIBUTION. BEFORE SPREADING, THE ASPHALT REJUVENATING AGENT SHALL BE BLENDED WITH WATER AT THE STANDARD DILUTION RATE OF 2:1. THE COMBINED MIXTURE OF ASPHALT REJUVENATING AGENT AND WATER SHALL BE SPREAD AT THE MAXIMUM RATE OF 0.08 GALLONS PER SQUARE YARD, AS APPROVED BY THE ENGINEER.

WHEN APPLICATION IS MADE UNDER TRAFFIC, A LIGHT COAT OF DRY, GRITTY SAND SHALL BE APPLIED TO THE SURFACE IN SUFFICIENT AMOUNT TO PROTECT THE TRAVELING PUBLIC. NO TREATED AREA SHOULD BE CONSIDERED COMPLETED UNTIL THAT AREA IS DETERMINED BY THE PROJECT ENGINEER TO BE SAFE FOR TRAVEL. NO MATERIAL SHALL BE APPLIED OPPOSITE THE TREATED AREA UNTIL THE TREATED AREA IS DEEMED SAFE FOR TRAVEL.

TESTING - PRIOR TO APPLICATION OF THE ASPHALT REJUVENATING AGENT TO THE ENTIRE PROJECT, THE CONTRACTOR SHALL APPLY TEST STRIPS OF SAID AGENT AS SPECIFIED ABOVE. THE CONTRACTOR SHALL APPLY THREE (3) TEST STRIPS ON AREAS OF PAVEMENT WHICH ARE REPRESENTATIVE SAMPLES OF THE PAVEMENT TO BE TREATED AS DIRECTED BY THE ENGINEER. THE TEST STRIPS SHALL BE TEN FEET (10') IN WIDTH AND APPROXIMATELY FIFTY FEET (50') IN LENGTH. THE APPLICATION RATE SHALL BE 0.05 GALLONS PER SQUARE YARD; 0.065 GALLONS PER SQUARE YARD; AND 0.08 GALLONS PER SQUARE YARD, RESPECTIVELY. THE ENGINEER MAY VARY THE APPLICATION RATES AS FIELD CONDITIONS MAY REQUIRE. NO WORK SHALL BE PERMITTED UNTIL THE ENGINEER AND THE PRODUCT TECHNICAL REPRESENTATIVE HAVE EVALUATED THE TEST AREAS AND DETERMINED THE REQUIRED RATE OF APPLICATION FOR THE PROJECT.

LOCATION: AS SHOWN ON PLANS

THE ASPHALT REJUVENATING AGENT SHOULD BE ATTEMPTED TO BE PLACED, IF POSSIBLE, PRIOR TO THE PLACEMENT OF FINAL PAVEMENT MARKINGS.

APPLICATION OF COVER AGGREGATE:

COVER AGGREGATE SHALL ONLY BE USED AS DIRECTED BY THE ENGINEER IN THE EVENT THE ASPHALT REJUVENATING AGENT DOES NOT CURE IN A REASONABLE AMOUNT OF TIME (PER THE MANUFACTURER'S RECOMMENDATION). IF ADEQUATE PENETRATION DOES NOT OCCUR LEAVING EXCESS MATERIAL ON THE SURFACE OF THE PAVEMENT OR IF APPLICATION IS REQUIRED TO FACILITATE THE OPENING OF LANES TO TRAFFIC. IF SAND IS APPLIED, ANY ADDITIONAL COSTS FOR CLEAN UP INCLUDING BROOMING OR SWEEPING OF EXCESS AGGREGATE OFF THE PAVEMENT WILL BE INCIDENTAL TO THIS ITEM OF WORK.

METHOD OF MEASUREMENT:

ASPHALT REJUVENATING AGENT WILL BE MEASURED BY THE SQUARE YARD AS PROVIDED FOR IN THE CONTRACT DOCUMENTS.

BASIS OF PAYMENT:

ASPHALT REJUVENATING AGENT SHALL BE PAID FOR PER SQUARE YARD, WHICH SHALL BE FULL COMPENSATION FOR FURNISHING ALL MATERIALS; EQUIPMENT, LABOR AND INCIDENTALS TO COMPLETE THE WORK AS SPECIFIED AND REQUIRED.

THE DEPARTMENT WILL PAY FOR ACCEPTED QUANTITIES AT THE CONTRACT PRICES AS FOLLOWS:

ITEM 690 SPECIAL - ASPHALT REJUVENATING AGENT	67,344 SY	
ITEM 690 SPECIAL - TESTING	LUMP	

FAI CR7 3.390

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GENERAL NOTES

DESIGN AGENCY



DESIGNER

JAA

REVIEWER

ETM 02/25

PROJECT ID

FAI CR7 3.390

SHEET TOTAL

4 23

1. **ITEM 614 - MAINTAINING TRAFFIC**

ROAD AND/OR LANE CLOSURES SHALL BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. LIQUIDATED DAMAGES SHALL BE ASSESSED IN ACCORDANCE WITH SECTION 108.07 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS AND CONTRACT DOCUMENTS. TRAFFIC SHALL BE MAINTAINED DURING LANE CLOSURES WITH FLAGGERS AS PER STANDARD DRAWINGS:

ACCESS TO LOCAL PROPERTY OWNERS SHALL BE MAINTAINED AT ALL TIMES.



IT IS THE INTENT OF THE ENGINEER THAT THE SEQUENCE OF PAVEMENT PLANING AND PAVING WILL BE CONCURRENT AND THAT TRAFFIC WILL NOT BE PERMITTED ON PLANNED SURFACES. SUFFICIENT TEMPORARY PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO ROADWAY BEING OPEN TO TRAFFIC.

FOR RESURFACING AREAS, THE MAXIMUM DURATION BETWEEN THE WEARING COURSE REMOVAL AND COMPLETE SURFACE COURSE SHALL BE 14 CALENDAR DAYS. THIS SHALL BE CONSIDERED AN INTERIM COMPLETION DATE, AND LIQUIDATED DAMAGES SHALL BE ASSESSED AT \$1,000 PER DAY. AREAS MILLED SHALL HAVE APPROPRIATE SIGNS PER 614.055 EFFECTED PRIOR TO OPENING OF TRAFFIC.

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 (OMUTCD) CURRENT EDITION. 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.

2. **ITEM 614 - LAW ENFORCEMENT OFFICER (WITH PATROL CAR) FOR ASSISTANCE DURING CONSTRUCTION OPERATIONS**

- a. 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 OMUTCD INTENDS THAT FLAGGERS BE USED.
b. 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 MARKING OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHALL BE PROVIDED FOR THE FOLLOWING TRAFFIC CONTROL TASKS:
c. DURING THE ENTIRE ADVANCE PREPARATION AND CLOSURE SEQUENCE WHERE COMPLETE BLOCKAGE OF TRAFFIC IS REQUIRED.
d. 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 MOTORIST THROUGH A RED LIGHT).
3. 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 MARKING OF THE APPROPRIATE LAW ENFORCEMENT AGENCY) SHOULD BE PROVIDED FOR THE FOLLOWING TRAFFIC CONTROL TASKS AS APPROVED BY THE ENGINEER:
c. 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 DAY AND LAST OF MAJOR CHANGES IN TRAFFIC CONTROL SETUP).
d. 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.
e. ALL LAW ENFORCEMENT OFFICERS (LEOs) SHALL BE OFF DUTY FAIRFIELD COUNTY SHERIFF DEPUTIES HIRED BY THE CONTRACTOR.
f. 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.
g. 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.
h. 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.
i. 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 WHICH SHALL BE RETURNED TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT.
j. 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.
k. ITEM 614 LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE 60 HOURS
l. THE HOURS PAID SHALL INCLUDE ANY MINIMUM SHOW-UP TIME REQUIRED BY THE LAW ENFORCEMENT AGENCY INVOLVED.
m. 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.



4. **WORKSITE TRAFFIC SUPERVISOR**

SUBJECT TO APPROVAL OF THE ENGINEER, THE CONTRACTOR SHALL EMPLOY AND IDENTIFY (SOMEONE OTHER THAN THE SUPERINTENDENT) A PREQUALIFIED WORKSITE TRAFFIC SUPERVISOR (WTS) BEFORE STARTING WORK IN THE FIELD. THE WTS SHALL BE TRAINED IN ACCORDANCE WITH CMS 614.03, SHALL HAVE SUCCESSFULLY COMPLETED ODOT ADMINISTERED WTS TESTING (AND RE-TESTING WHEN APPLICABLE) AND BE LISTED ON THE ODOT PREQUALIFIED WTS ROSTER. PREQUALIFICATION EXPIRES EVERY 5 YEARS. RE-TESTING SHALL BE SUCCESSFULLY REPEATED EVERY 5 YEARS TO REMAIN PREQUALIFIED.

THE NAME OF THE PREQUALIFIED WTS AND RELATED 24-HOUR CONTACT INFORMATION SHALL BE PROVIDED TO THE ENGINEER AT THE PRECONSTRUCTION CONFERENCE. IF THE DESIGNATED WTS WILL NOT BE AVAILABLE FULL TIME (24/7), THE CONTRACTOR MAY DESIGNATE AN ALTERNATE (SECONDARY) WTS TO BE AVAILABLE WHEN THE PRIMARY IS OFF DUTY; HOWEVER, THE PRIMARY WTS SHALL REMAIN THE POINT OF CONTACT AT ALL TIMES. ANY ALTERNATE (SECONDARY) WTS IS SUBJECT TO THE SAME TRAINING, PREQUALIFICATION AND OTHER REQUIREMENTS OUTLINED WITHIN THIS PLAN NOTE. AT ALL TIMES THE ENGINEER, OR THE ENGINEER'S REPRESENTATIVES, MUST BE INFORMED OF WHO THE PRIMARY WTS (AND SECONDARY WTS, IF APPLICABLE) IS AT THE CURRENT TIME.

THE WTS POSITION HAS THE PRIMARY RESPONSIBILITY OF IMPLEMENTING THE TRAFFIC MANAGEMENT PLAN (TMP), MONITORING THE SAFETY AND MOBILITY OF THE ENTIRE WORK ZONE, AND CORRECTING TEMPORARY TRAFFIC CONTROL (TTC) DEFICIENCIES FOR THE ENTIRE WORK ZONE. THE WTS, AND ALTERNATE WTS WHEN ON DUTY, SHALL HAVE SUFFICIENT AUTHORITY TO EFFECTIVELY CARRY OUT THE IDENTIFIED WTS RESPONSIBILITIES AND DUTIES. THE DUTIES OF THE WTS ARE AS FOLLOWS:
a. BE AVAILABLE ON A 24-HOUR PER DAY BASIS.
b. BE ON SITE FOR ALL EMERGENCY TTC NEEDS WITHIN ONE

- HOUR OF NOTIFICATION BY POLICE OR PROJECT STAFF, AND EFFECT CORRECTIVE MEASURES IMMEDIATELY ON EXISTING WORK ZONE TTC DEVICES.
c. ATTEND PRECONSTRUCTION MEETING AND ALL PROJECT MEETINGS WHERE TTC MANAGEMENT IS DISCUSSED.
d. BE AVAILABLE ON SITE FOR OTHER MEETINGS OR DISCUSSIONS WITH THE ENGINEER UPON REQUEST.
e. BE AWARE OF ALL EXISTING AND PROPOSED TTC OPERATIONS OF THE CONTRACTOR, SUBCONTRACTORS AND SUPPLIERS, AND ENSURE COORDINATION OCCURS BETWEEN THEM TO ELIMINATE CONFLICTING TEMPORARY AND/OR PERMANENT TRAFFIC CONTROL.
f. COORDINATE PROJECT ACTIVITIES WITH ALL LAW ENFORCEMENT OFFICERS (LEOs). THE WTS SHALL ALSO BE THE MAIN CONTACT PERSON WITH THE LEOs WHILE LEOs ARE ON THE PROJECT.
g. COORDINATE AND FACILITATE MEETINGS WITH ODOT PERSONNEL, LEOs AND OTHER APPLICABLE ENTITIES BEFORE EACH PLAN PHASE SWITCH TO DISCUSS THE WORK ZONE TTC FOR IMPLEMENTING THE PHASE SWITCH. SUBMIT A WRITTEN DETAIL OF MOT OPERATIONS AND SCHEDULE OF EVENTS TO IMPLEMENT THE SWITCH BETWEEN PHASE PLANS TO THE ENGINEER 5 CALENDAR DAYS PRIOR TO THIS MEETING.
h. BE PRESENT, ON SITE FOR, AND INVOLVED WITH, EACH TTC SETUP/TAKE DOWN AND EACH PHASE CHANGE IN ACCORDANCE WITH CMS 614.03.
i. ON A CONTINUAL BASIS ENSURE THAT THE TTC ZONE AND ALL RELATED DEVICES ARE INSTALLED, MAINTAINED AND REMOVED IN COMPLIANCE WITH THE CONTRACT DOCUMENTS.
j. ON A CONTINUAL BASIS FACILITATE CORRECTIVE ACTION(S) NECESSARY TO BRING DEFICIENT TTC ZONES AND ALL RELATED DEVICES INTO COMPLIANCE WITH CONTRACT DOCUMENTS IN THE TIMEFRAME DETERMINED BY THE ENGINEER.
k. INSPECT, EVALUATE, PROPOSE NECESSARY MODIFICATIONS TO, AND DOCUMENT THE EFFECTIVENESS OF, THE TTC DEVICES AND TRAFFIC OPERATIONS ON A DAILY BASIS (7 DAYS A WEEK). IN ADDITION, PERFORM ONE WEEKLY NIGHT INSPECTION OF THE WORK ZONE SETUP FOR DAYTIME WORK OPERATIONS; AND ONE DAYTIME INSPECTION PER WEEK FOR NIGHTTIME PROJECTS. THIS SHALL INCLUDE (BUT NOT BE LIMITED TO) DOCUMENTATION ON THE FOLLOWING PROJECT EVENTS:
A.A. INITIAL TTC SETUP (DAY AND NIGHT REVIEW).
A.B. DAILY TTC SETUP AND REMOVAL.
A.C. WHEN CONSTRUCTION STAGING CAUSES A CHANGE IN THE TTC SETUP.
A.D. CRASH OCCURRENCES WITHIN THE CONSTRUCTION AREA AND WITHIN THE INFLUENCE AREAS APPROACHING THE WORK ZONE.
A.E. REMOVAL OF TTC DEVICES AT THE END OF A PHASE OR PROJECT.
A.F. ALL OTHER EMERGENCY TTC NEEDS.

COMPLETE THE DEPARTMENT APPROVED LONG TERM INSPECTION FORM (CA-D-8) AFTER EACH INSPECTION AS REQUIRED IN #11 AND SUBMIT IT TO THE ENGINEER THE FOLLOWING WORKDAY. THESE REPORTS SHALL INCLUDE A CHECKLIST OF ALL TTC MAINTENANCE ITEMS TO BE REVIEWED. A COPY OF THE FORM WILL BE PROVIDED AT THE PRE-CONSTRUCTION MEETING. ANY DEFICIENCIES OBSERVED SHALL BE NOTED, ALONG WITH RECOMMENDED OR COMPLETED CORRECTIVE ACTIONS AND THE DATES BY WHICH SUCH CORRECTIONS WERE, OR WILL BE, COMPLETED. A COPY OF THE CURRENT CA-D-8 DOCUMENT CAN BE FOUND ON THE OFFICE OF CONSTRUCTION ADMINISTRATION'S INSPECTION FORMS WEBSITE.

HAVE COPIES OF THE ODOT TEMPORARY TRAFFIC CONTROL MANUAL AND CONTRACT DOCUMENTS AVAILABLE AT ALL TIMES ON THE PROJECT.

THE DEPARTMENT WILL DEDUCT:
A. THE PRORATED DAILY AMOUNT OF ITEM 614 MAINTAINING TRAFFIC FOR ANY DAY IN WHICH THE WTS FAILS TO PERFORM THE DUTIES SET FORTH ABOVE. THE PRORATED DAILY AMOUNT WILL BE EQUAL TO THE ORIGINAL BID AMOUNT FOR ITEM 614 MAINTAINING TRAFFIC DIVIDED BY THE DIFFERENCE BETWEEN THE ORIGINAL COMPLETION DATE AND THE FIRST DAY OF WORK IN CALENDAR DAYS.

- B. 1% OF THE ORIGINAL BID AMOUNT FOR ITEM 614 MAINTAINING TRAFFIC FOR ANY DAY THAT A TTC ISSUE IS IDENTIFIED IN THE FIELD AND IS NOT CORRECTED IN THE GIVEN TIMEFRAME PER THE ENGINEER. DEDUCTION B SHALL NOT APPLY TO SITUATIONS COVERED BY DEDUCTION C.
C. 1% OF THE ORIGINAL BID AMOUNT FOR ITEM 614 MAINTAINING TRAFFIC FOR ANY DAY THAT A LANE OR RAMP IS BLOCKED (FULLY OR PARTIALLY) WITHOUT TTC, AS DETERMINED BY THE ENGINEER. THIS DEDUCTION SHALL BE IN ADDITION TO ANY OTHER DISINCENTIVES ESTABLISHED FOR UNAUTHORIZED LANE USE.

FOR DAYS IN WHICH MORE THAN ONE DEDUCTION LISTED ABOVE OCCUR, THE HIGHEST DEDUCTION AMOUNT WILL APPLY.

IF THREE OR MORE TOTAL DAYS RESULT IN TTC ISSUES DESCRIBED IN DEDUCTION B OR C ABOVE, THE PRIMARY WTS SHALL BE IMMEDIATELY REMOVED FROM THE WORK IN ACCORDANCE WITH C&MS 108.05. UPON REMOVAL THE ENGINEER SHALL NOTIFY ODOT CENTRAL OFFICE (WTSPREQUALIFICATION@DOT.OHIO.GOV) TO REGISTER A REMOVAL AGAINST THE STATEWIDE PREQUALIFICATION FOR THE PRIMARY WTS. THREE REMOVALS SHALL CAUSE STATEWIDE DISQUALIFICATION FOR ANY PREVIOUSLY PREQUALIFIED WTS.

PAYMENT FOR THE ABOVE REQUIREMENTS, RESPONSIBILITIES AND DUTIES SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 614 - MAINTAINING TRAFFIC.

5. **ITEM 614 - WORK ZONE MARKING SIGNS**

THE CONTRACTOR SHALL ERECT THE WORK ZONE MARKING SIGNS PRIOR TO COVERING THE EXISTING PAVEMENT MARKINGS. IN ADDITION THE CONTRACTOR SHALL MAKE A RECORD OF THE EXISTING PAVEMENT MARKING LOCATIONS PRIOR TO COMMENCING THE RESURFACING OPERATION.

THE QUANTITIES ARE SHOWN IN THE PLANS AND HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER.

**ITEM 614 - WORK ZONE MARKING SIGN**

WORK ZONE MARKING SIGNS SHALL BE FURNISH, INSTALL, MAINTAIN AND SUBSEQUENTLY REMOVE WORK ZONE MARKING SIGNS AND THEIR SUPPORTS WITHIN THE WORK LIMITS AND UNDER THE DIRECTION OF THE ENGINEER AND OR HIS REPRESENTATIVE.

SEE PAVEMENT MARKING PLAN SHEETS 17-23 FOR GENERAL LOCATION OF THE WORK ZONE MARKING SIGNS.

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING THE FOLLOWING WORK ZONE MARKING SIGNS:

Table with 2 columns: Item Number and Quantity. Row 1: 1 ITEM 614 - ROAD WORK AHEAD 24 EACH. Row 2: 2 ITEM 614 - END ROAD WORK 22 EACH. Row 3: 3 ITEM 614 - DO NOT PASS 31 EACH. Row 4: 4 ITEM 614 - PASS WITH CARE 9 EACH. Row 5: TOTAL 86.

TOTALS CARRIED OVER TO THE GENERAL SUMMARY.

SHEET NUM.										PART.	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
OFF CALCS	5	7	8	9	16											
		1,376	373								202	23500	1,749	SY	WEARING COURSE REMOVED	3
		157									202	30000	157	SF	WALK REMOVED	3
		38,645									254	01000	38,645	SY	PAVEMENT PLANING, ASPHALT CONCRETE(1 1/2" AVERAGE DEPTH)	
		4,521	865								407	20000	5,386	GAL	NON-TRACKING TACK COAT	
		2,355	451								441	50100	2,806	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M	
		224									617	10100	224	CY	COMPACTED AGGREGATE	
		2									608	52000	119	SF	CURB RAMP	
		119									608	12000	157	SF	5" CONCRETE WALK	
		157									632	26500	15	EACH	DETECTOR LOOP, AS PER PLAN	
		15									611	99654	1	EACH	MANHOLE ADJUSTED TO GRADE	3
		1									690	69012150	67,344	SY	ASPHALT REJUVENATING AGENT	4
											690	69012160	LS		TESTING	4
											644	00300	4.96	MILE	CENTER LINE	
						4.96					644	00100	8	MILE	EDGE LINE, 4"	
						8					644	00500	306	FT	STOP LINE	
						306					644	00400	2,710	FT	CHANNELIZING LINE, 8"	
						2,710					644	00620	1,071	FT	CROSSWALK LINE, 12"	
						1,071					644	00700	810	FT	TRANSVERSE/DIAGONAL LINE	
						810					644	01110	2	EACH	SCHOOL SYMBOL MARKING, 96"	
						2					644	01300	52	EACH	LANE ARROW	
						52					614	21550	4.96	MILE	WORK ZONE CENTER LINE, CLASS III, 642 PAINT	
											614	22350	8	MILE	WORK ZONE EDGE LINE, CLASS III, 4", 642 PAINT	
											614	23680	2,710	FT	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT	
											614	26610	306	FT	WORK ZONE STOP LINE, CLASS III, 642 PAINT	
	86										614	12460	86	EACH	WORK ZONE MARKING SIGN	5
											614	11110	60	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	5
											624			LS	MOBILIZATION	
											614	11000		LS	MAINTAINING TRAFFIC	

GENERAL SUMMARY

DESIGN AGENCY  
  
 DESIGNER: JAA  
 REVIEWER: ETM  
 DATE: 02/25  
 PROJECT ID: FAI CR7 3.390  
 SHEET: 6 / TOTAL: 23