

**OHIO TURNPIKE AND
INFRASTRUCTURE COMMISSION**

ADDENDUM NO. 3

PROJECT NO. 59-16-01

**REPAIRS AND RESURFACING
EASTBOUND AND WESTBOUND ROADWAYS
MILEPOST 38.90 TO MILEPOST 43.30
FULTON COUNTY, OHIO**

OPENING DATE: 2:00 P.M. (EASTERN TIME), FEBRUARY 2, 2016

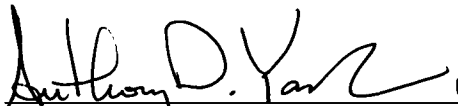
ALL BIDS MUST BE ELECTRONICALLY SUBMITTED

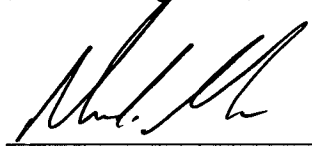
ATTENTION OF RESPONDENTS IS DIRECTED TO:

ANSWERS TO QUESTIONS RECEIVED
THROUGH 1:45 P.M. JANUARY 28, 2016

REVISION TO PLAN SHEET 11 of 11

Issued by the Ohio Turnpike and Infrastructure Commission on January 28, 2016.
Issuance authorized by Anthony D. Yacobucci, Chief Engineer, and Mark R. Musson,
Director of Contract Administration.


Anthony D. Yacobucci 1/28/16
Date


Mark R. Musson 1/28/16
Date

**OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION
ADDENDUM NO. 3
PROJECT NO. 59-16-01**

ANSWERS TO QUESTIONS RECEIVED THROUGH 1:45 P.M., JANUARY 28, 2016

Q#8 Addendum one added ref item 63, and the bid sheet has a quantity of 1200 gallons. On sheet 11/11 the note for this bid item states that this will be paid by the square yard?

A#8 The Commission is revising Plan Sheet 11 of 11 to correct the pay item.

Addendum No. 3 to Contract 59-16-01
is hereby acknowledged:

(Firm Name)

(Signature)

(Printed Name)

Date: _____

APPROX MILEPOST	LANE		FULL DEPTH PAVEMENT REPAIRS (ASPHALT)	SP 451 S.Y.
	RIGHT	LEFT		
	X		13.33	
	X		26.67	
	X	X	53.33	
	X		13.33	
	X	X	53.33	
	X	X	53.33	
	X	X	53.33	
	X	X	53.33	
	X		26.67	
EB				
	X		26.67	
	X		26.67	
		TOTAL		346.67

FULL DEPTH REPAIR NOTE(S):

- 1.-ALL FULL DEPTH REPAIRS EXCAVATED DURING A WORK SHIFT SHALL BE FILLED TO THE MILLED SURFACE DURING THAT SAME WORK SHIFT. NO REPAIR SHALL BE LEFT OPEN BEYOND THE END OF THE SHIFT. THE CONTRACTOR SHALL PLAN ITS OPERATIONS ACCORDINGLY.
- 2.-ALL FULL DEPTH REPAIRS ARE APPROXIMATE AND MAY BE ADJUSTED BY THE CHIEF ENGINEER.

APPROX MILEPOST OF BRIDGE	APPROACH SLAB LOCATION IN DIRECTION OF TRAVEL		SP 526 S.Y.	202 S.Y.
	LEAD	TRAIL		
	X		61.67	61.67
	X		61.67	61.67
		TOTAL	123.33	123.33

APPROACH SLAB REPAIR NOTE(S):

APPROACH SLAB REMOVAL AND REPLACEMENT PERFORMED DURING A WORK SHIFT SHALL BE COMPLETED DURING THAT SAME WORK SHIFT. NO REPAIR SHALL BE LEFT OPEN BEYOND END OF THE SHIFT. ALL PLANNING, LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NEEDED TO INSURE THE WORK IS COMPLETED DURING THE WORK SHIFT SHALL BE CONSIDERED INCIDENTAL TO THE ITEM.

SPECIAL - TRACKLESS TACK
 DESCRIPTION: THIS WORK CONSISTS OF PREPARING AND TREATING A MILLED SURFACE WITH NTSS-1HM TRACKLESS TACK PRODUCED BY BLACKLIDGE EMULSIONS, INC., AE-NT NO TRACK TACK PRODUCED BY K-TECH SPECIALTY COATINGS, INC., OR APPROVED EQUAL BY THE CHIEF ENGINEER. THE PRODUCT SHALL MEET ALL REQUIREMENTS OF ITEM 407 TACK COAT EXCEPT AS NOTED BELOW;

MATERIAL: CONFORM TO THE FOLLOWING TYPICAL PHYSICAL PROPERTIES:

PARAMETER	TEST METHOD	MIN.	MAX.
SAYBOLT FURUL VISCOSITY, SFS @ 25C	AASHTO T59	15	100
STORAGE STABILITY, 5 DAYS, %	AASHTO T59	--	5
RESIDUE BY DISTILLATION, %	AASHTO T59	50	--
OIL DISTILLATE, %	AASHTO T59	--	1
SIEVE TEST, %	AASHTO T59	--	0.30
TEST ON RESIDUE:			
PENETRATION, @ 25C	AASHTO T49	--	25
SOFTENING POINT RANGE DEG C	AASHTO T53	65	--
SOLUBILITY,%	AASHTO T44	97.5	--

NOTE: PRODUCT SHOULD NOT CONTAIN FILLER SUCH AS CLAY, ETC. KEEP FROM FREEZING. SUPPLY CERTIFIED TEST DATA FROM AN INDEPENDENT LAB TO THE ENGINEER SHOWING THE MATERIAL SUPPLIED WAS TESTED FOR AND MEETS THE ABOVE PROPERTIES.

EQUIPMENT: ALL REQUIREMENTS OF 407.03 APPLY. SEE MANUFACTURER'S REPRESENTATIVE FOR CORRECT DISTRIBUTOR SETTINGS. THOROUGHLY CLEAN ALL EQUIPMENT IF CATIONIC EMULSION WAS PREVIOUSLY USED.

WEATHER LIMITATIONS: ALL REQUIREMENTS OF 407.04 APPLY.

PREPARATION OF SURFACE: ALL REQUIREMENTS OF 407.05 APPLY.

APPLICATION OF ASPHALT MATERIAL: UNIFORMLY APPLY THE ASPHALT MATERIAL WITH A DISTRIBUTOR PER THE REQUIREMENTS OF 407.06 EXCEPT AS NOTED. IF PRODUCT IS STORED FOR AN EXTENDED PERIOD OF TIME, PRIOR TO APPLICATION, AGITATE OR GENTLY CIRCULATE THE MATERIAL. ALL NOZZLES AND SPRAY PATTERNS SHALL BE IDENTICAL TO ONE ANOTHER ALONG THE DISTRIBUTOR SPRAY BAR. THE ANGLE OF THE NOZZLE SHOULD BE A 15 TO 30 DEGREE ANGLE TO THE SPRAY BAR AXIS TO MAXIMIZE OVERLAP OR AS RECOMMENDED BY THE NOZZLE MANUFACTURER. CONTACT THE MANUFACTURER'S REPRESENTATIVE FOR REQUIRED SPRAY NOZZLE SIZE, AND DISTRIBUTOR AND NOZZLE SETTINGS. APPLY AT A RATE OF 0.075 GALLONS PER SQUARE YARD TO ALL MILLED SURFACES AND AT A RATE OF 0.06 GALLONS PER SQUARE YARD TO ALL SMOOTH PAVED SURFACES AND BETWEEN COURSES OF ASPHALT. RECOMMENDED APPLICATION TEMPERATURE IS 160 F. TO 180 F. DO NOT EXCEED 180 F. DILUTION IS NOT ALLOWED.

THE ENGINEER AND MANUFACTURER'S REPRESENTATIVE WILL APPROVE RATE OF APPLICATION, TEMPERATURE, DISTRIBUTOR SETTINGS, AND AREAS TO BE TREATED BEFORE APPLICATION OF THE TACK COAT. THE ENGINEER WILL DETERMINE THE ACTUAL APPLICATION IN GALLONS PER SQUARE YARD BY A CHECK ON THE PROJECT. THE APPLICATION IS CONSIDERED SATISFACTORY WHEN THE MATERIAL IS APPLIED UNIFORMLY WITH NO VISIBLE EVIDENCE OF STREAKING OR RIDGING AND THE APPLICATION RATE IS ±10% OF THE SPECIFIED RATE.

METHOD OF MEASUREMENT: ALL REQUIREMENTS OF 407.07 APPLY.

BASIS OF PAYMENT: ALL REQUIREMENTS OF 407.08 APPLY.

ITEM 254 - PAVEMENT PLANNING, PORTLAND CEMENT CONCRETE, AS PER PLAN
 THIS CONTINGENCY ITEM CONSISTS OF PAVEMENT PLANNING OF CONCRETE APPROACH AND/OR ABUTMENT SLABS WITH DIAMOND BLADES ONLY. THIS QUANTITY IS INTENDED TO BE UTILIZED TO MEET PAVEMENT SMOOTHNESS. A QUANTITY OF 240.00 SQ.YD. IS INCLUDED IN THE ESTIMATED QUANTITIES TO BE USED AS DIRECTED BY THE CHIEF ENGINEER OR AS INDICATED IN THE PLANS.

PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS NECESSARY FOR THE ABOVE MENTIONED WORK SHALL BE DEPENDANT ON AND IN ACCORDANCE WITH EITHER ITEM 254-PAVEMENT PLANNING, PORTLAND CEMENT CONCRETE, AS PER PLAN.

1

3

ITEM SPECIAL - LONGITUDINAL JOINT STABILIZER, POLYMER EMULSION

THIS ITEM SHALL CONSIST OF SUPPLYING AND PLACING APPROXIMATELY 1,200 GALLON OF A POLYMERIZED EMULSION. THE POLYMERIZED EMULSION SHALL BE JOINTBOND AS MANUFACTURED BY D & D EMULSIONS OR APPROVED EQUAL BY THE CHIEF ENGINEER.

THE POLYMERIZED EMULSION SHALL BE APPLIED 36" WIDE AND CENTERED ON THE LONGITUDINAL JOINT BETWEEN THE RIGHT AND LEFT LANE (ORIGINAL CROWN LINE). THE POLYMERIZED EMULSION SHALL BE PLACED AFTER THE SP 404 SURFACE COURSE IS COMPLETE AND IN PLACE (BOTH LANES PAVED) AND SHALL BE APPLIED TO THE LONGITUDINAL JOINT IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS AND SPECIFICATIONS. THE APPROXIMATE APPLICATION RATE OF 0.08 GALLON/SQ.YD. SHALL BE USED UNLESS MODIFIED BY THE MANUFACTURER.

PAYMENT FOR THIS ITEM SHALL BE AT THE CONTRACT UNIT PRICE PER GALLON FURNISHED, INSTALLED AND ACCEPTED BY THE CHIEF ENGINEER, AND SHALL INCLUDE ALL LABOR, EQUIPMENT AND MATERIALS, TRAFFIC CONTROL, AND INCIDENTALS NECESSARY TO COMPLETE THIS ITEM.

DESIGNED	CHECKED	NO.	REVISIONS	BY	DATE	DESIGN AGENCY
JJS	TWB	1	ADDENDUM NO. 1	JJS	1/28/16	
JJS	DCA	1	ADDENDUM NO. 3	JJS	1/28/16	

PROJECT 59-16-01

SUB-SUMMARY AND MISCELLANEOUS NOTES

11