



**OHIO TURNPIKE AND
INFRASTRUCTURE COMMISSION**

ADDENDUM NO. 4

PROJECT NO. 43-19-07

BRIDGE REHABILITATION AND 3RD LANE WIDENING
OHIO TURNPIKE OVER AI CREEK M.P. 47.4,
OHIO TURNPIKE OVER S.R. 64 (N. MAIN ST.) M.P. 47.5
MILEPOST 46.50 TO MILEPOST 50.92
FULTON AND LUCAS COUNTIES, OHIO

PREVIOUSLY EXTENDED TO 2:00 P.M. (EASTERN TIME), JANUARY 10, 2019

ATTENTION OF BIDDERS IS DIRECTED TO:

ANSWERS TO QUESTIONS RECEIVED THROUGH 11:00 A.M. ON JANUARY 4, 2019

-AND-

MODIFICATIONS TO THE CONTRACT DOCUMENTS

Plan Sheets: 11 and 24 of 349

Issued by the Ohio Turnpike and Infrastructure Commission by Anthony D. Yacobucci, Chief Engineer,
and Mark R. Musson, Director of Contracts Administration.


Anthony D. Yacobucci Date 1/4/19

 1/4/19
Mark R. Musson Date

ANSWERS TO QUESTIONS RECEIVED THROUGH 11:00 A.M. ON JANUARY 4, 2019:

Q#41 Plan sheet 24 has a note “MAINTENANCE OF TRAFFIC (LOCAL ROADS)” which relates to bid item 212 and calls out the need to close lanes on local roads and mentions use of a temporary signal which can require setup and removal of daily zones on SR 64. There are times where the structure work will require a full shutdown of SR 64 under the bridge but no language in the note exists allowing the contractor to close SR 64. Please verify if the contractor may close SR 64 as needed for structure and utility-related items along with detour plans so that the contractor can construct the structure work within the schedule-critical timeframe.

A#41 This Addendum No. 4 adds the “State Route 64 – Temporary Roadway Closure” note on Plan Sheet 24 of 349 to clarify that, in addition to the requirements for lane closures described in the “Maintenance of Traffic (Local Roads)” note, the Contractor may temporarily close State Route 64 provided the specified conditions are satisfied. A short-term closure of SR 64 is acceptable as long as the duration of the closure does not exceed 15-minutes (per MT-99.60). ODOT is replacing a culvert on US 20, and SR 64 will be used as the detour route so anything other than a short-term complete closure of SR 64 is not acceptable.

In addition, the “Maintenance Of Traffic (Local Roads)” note has been revised to remove reference to Fulton Township and Fulton County standards and specifically adds ODOT as the permitting authority.

Q#42 What is the anticipated duration for Ref. No. 213 – Field Office? Will the Commission be complete with the office at the 2019 final completion of December 23, 2019, or does the Commission anticipate utilizing the office through the 2020 final completion date of June 15, 2020?

A#42 The Commission will require the field office through December 23, 2019.

Q#43 Based on the Normal Typical Section on sheet 11, it shows 6 feet of the existing lane and 1 foot past the break on the shoulder to be paved with mainline mixes. Conventional paving equipment will not fit in this area. Due to the constructability of this would the Commission consider paving wider into the lane or using all mainline mix on the shoulder in this area as well?

A#43 This Addendum No. 4 revises Plan Sheet 11 of 349 to reflect a change in the location of the proposed grade break between the inside shoulder cross slope of 0.04 and the inside lane cross slope of 0.0156. This change should allow for the Constructor to use conventional paving equipment for the different asphalt mixes on the mainline and shoulder.

Q#44 What are the maintenance of traffic requirements for when traffic travelling on SR 64 will be impacted? Can SR 64 be closed, or does one lane of traffic have to be maintained at all times? If one lane of traffic has to be maintained how is the contractor paid for this work? Will payment for barrier wall, temporary striping, pavement restoration, etc. be made within existing reference numbers, or is this work incidental to reference number 212? Please clarify

A#44 See the response to Q#41 for the requirements or restrictions for maintaining traffic on SR 64.

As per the "Maintenance of Traffic (Local Roads)" general note on Sheet 24 of 349, "ALL COSTS AND MATERIALS ASSOCIATED WITH THE ABOVE MAINTENANCE OF TRAFFIC WORK, INCLUDING A TEMPORARY WORK ZONE TRAFFIC SIGNAL, SHALL BE CONSIDERED INCIDENTAL AND INCLUDED IN THE LUMP SUM CONTRACT BID ITEM FOR ITEM 614 – MAINTAINING TRAFFIC (LOCAL ROADS)" Pavement restoration, as associated with the relocation of the waterline on SR 64, is included in the Pavement Subsummary on Plan Sheet 120 of 349.

Q#45 Plan sheet 24 gives "for information only" volumes of excavation and embankment for temporary pavements. Are these volumes for all the pavements and if so can we get a breakdown by bid item?

A#45 *The "for information only" volumes on Plan Sheet 24 of 349 provided in accordance with Instruction to Bidders Article 2.1.4 are for all temporary pavements to be constructed within the existing median. The following is the breakdown of the earthwork associated with the following Bid Items:*

*Ref No. 140: Item 615 - Pavement for Maintaining Traffic, Class A
Excavation for Maintaining Traffic – 1555 CY
Embankment for Maintaining Traffic – 1490 CY*

*Ref No. 141: Item 615 - Pavement for Maintaining Traffic, Class A, Type 1, As Per Plan
Excavation for Maintaining Traffic – 715 CY
Embankment for Maintaining Traffic – 1600 CY*

Q#46 Temporary crossovers are to be built per standard drawing XOV-2. Beneath the SP304 stone base, #2 and sand are specified for filling in the existing median. Are these granular materials part of the volume of embankment called out on plan sheet 24 "for information only" quantity or are these not included in that quantity?

A#46 *These excavation and embankment volumes as shown on Plan Sheet 24 of 349 do not include the SP304, #2 aggregate and sand as specified under the median crossovers per OTIC Standard Drawing XOV-2.*

Q#47 Please verify whether Off-Road Trucks over 90,000 pounds will be able to travel across existing active turnpike lanes of travel ((i.e. from median construction across active lanes to the service plazas).

A#47 No, the Chief Engineer will not approve off-road trucks over 90,000 pounds to cross active Turnpike lanes. Refer to TCR-1 for requirement.

MODIFIED CONTRACT DOCUMENTS

With this Addendum No. 4, the Commission substitutes the enclosed material for the following Contract Documents:

Plan Sheets: 11 and 24 of 349 with additions to the Plan Drawings are called out with a cloud and a revision triangle as thus:



**Receipt of Addendum No. 4
Project No. 43-19-07 is hereby acknowledged:**

(Firm Name) _____

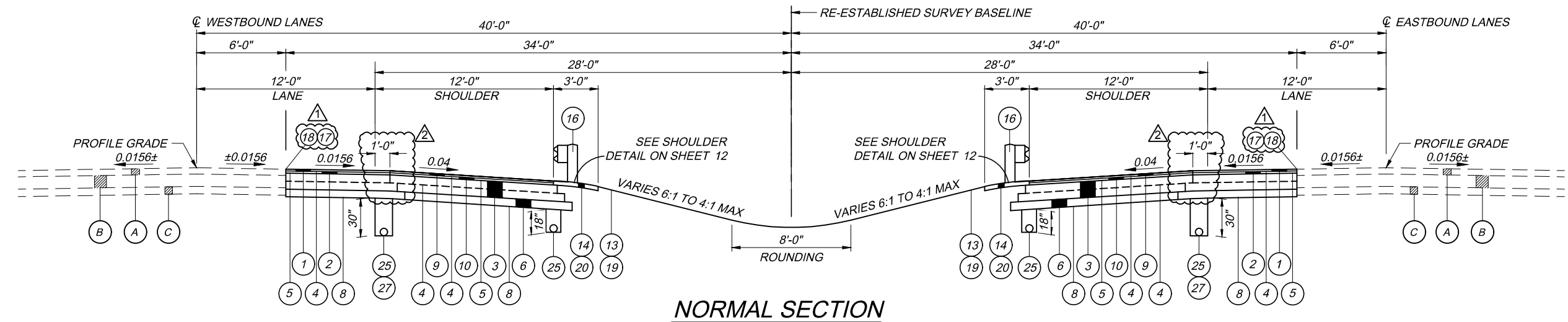
(Signature) _____

(Printed Name) _____

(Date) _____

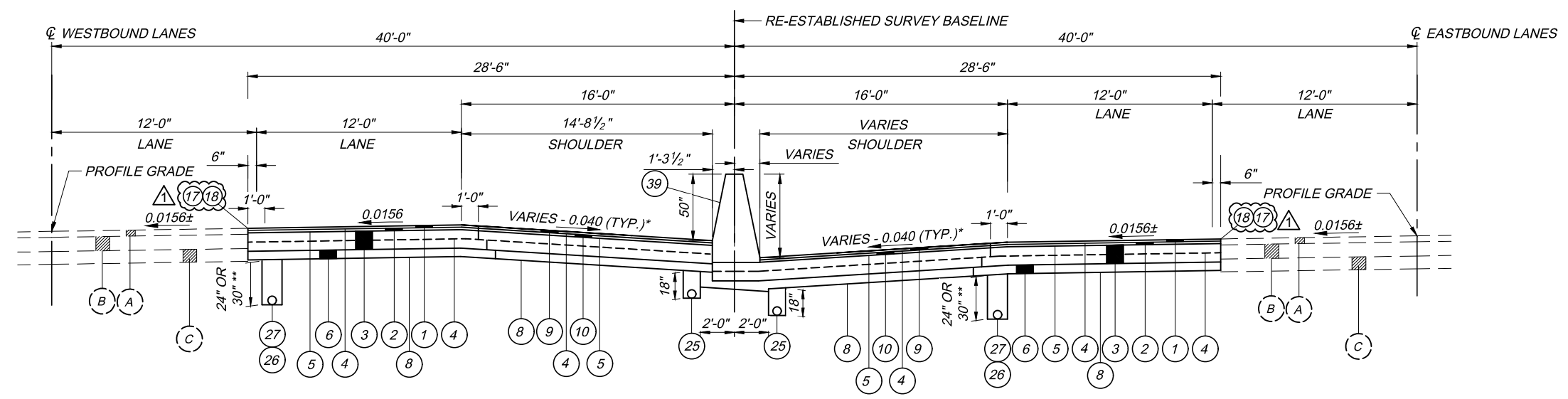
**BIDDERS MUST RETURN THE ABOVE ACKNOWLEDGEMENT
OF RECEIPT OF ADDENDUM NO. 4 WITH THEIR BID.**

NOTES:
 * SLOPE VARIES. SEE PAVEMENT ELEVATION TABLE FOR SLOPES. (7% MAXIMUM ROLLOVER FOR SHOULDERS)



NORMAL SECTION

STA 1281+00.00 TO STA 1306+45.00 = 2,545.00 L.F.



SUPERELEVATED SECTION (LEFT)

STA 81+00.00 TO STA 100+00.00 = 1,900.00 L.F.

* SLOPE VARIES. SEE PAVEMENT ELEVATION TABLE ON SHEETS 237 - 246 FOR SLOPES. (7% MAXIMUM ROLLOVER FOR SHOULDERS).
 ** SEE UNDERDRAIN SUB SUMMARY TABLE ON SHEET 118

FOR ADDITIONAL NOTES, EXISTING AND PROPOSED LEGENDS, SEE SHEET 8.

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DESIGNED J.M.P. DRAWN P.S.L.	CHECKED W.D.B. IN CHARGE W.D.B.	NO. 1	REVISIONS	BY	DATE
		2	ADDENDUM NO. 2 ADDENDUM NO. 4	KPA	12/21/18 1/4/19
TYPICAL SECTIONS		PROJECT 43-19-07			
		DATE: 12/06/18			
4 / 6		11			
		349			

OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION

OHIO TURNPIKE

SIGN COVERS AND OVERLAYS

THE CONTRACTOR SHALL COVER ALL PERMANENT SIGNS, OR PORTIONS THEREOF, AS REQUIRED BY THE PLANS. SIGN COVERS SHALL BE FURNISHED BY THE COMMISSION. THE CONTRACTOR SHALL RETURN THE SIGN COVERS TO THE COMMISSION AT THE END OF THE CONTRACT.

SIGN OVERLAYS FOR OVERHEAD SIGNS SHALL BE OF THE SAME COLOR AS THE BACKGROUND OF THE SIGN OR BE IN ACCORDANCE WITH ODOT OR OTIC MAINTENANCE OF TRAFFIC SIGNING. THE SIGN OVERLAYS SHALL BE HIGH INTENSITY GRADE SHEETING (TYPE G) ON 0.080 INCH THICK ALUMINUM SECURELY RIVETED TO THE SIGN FACE, AND SHALL BE FURNISHED, INSTALLED AND REMOVED BY THE CONTRACTOR.

PAYMENT FOR ALL LABOR, MATERIAL AND EQUIPMENT ASSOCIATED WITH THIS WORK SHALL BE INCLUDED IN THE LUMP SUM BID FOR ITEM SP 614 - MAINTAINING TRAFFIC.

EARTHWORK FOR MAINTAINING TRAFFIC

THE FOLLOWING QUANTITIES HAVE BEEN INCLUDED IN THE PLAN FOR INFORMATION ONLY:

EXCAVATION FOR MAINTAINING TRAFFIC 2,270 CY

EMBANKMENT FOR MAINTAINING TRAFFIC 3,090 CY

MAINTENANCE OF TRAFFIC (LOCAL ROADS)

THE CONTRACTOR SHALL BE REQUIRED TO CLOSE LANES ON LOCAL ROADS DURING THE CONSTRUCTION OF SUBSTRUCTURE WORK INCLUDING BUT NOT LIMITED TO FALSE WORK INSTALLATION, SUBSTRUCTURE PATCHING, TEMPORARY JACKING AND SHORING, BEARING REHAB / REPLACEMENT, PIER CONSTRUCTION, SHOULDER REPLACEMENT, ETC. FOR BRIDGE OVER STATE ROUTE 64 (NORTH MAIN STREET). THE CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH ODOT STANDARD CONSTRUCTION DRAWINGS, AND OMUTCD.



THE COMMISSION HAS RECEIVED WRITTEN PERMISSION FROM THE MAINTAINING AGENCY TO PERFORM WORK ON THE LOCAL ROAD. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS FROM ODOT.



ALL COSTS AND MATERIALS ASSOCIATED WITH THE ABOVE MAINTENANCE OF TRAFFIC WORK, INCLUDING A TEMPORARY WORK ZONE TRAFFIC SIGNAL, SHALL BE CONSIDERED INCIDENTAL TO AND INCLUDED WITH THE LUMP SUM CONTRACT BID ITEM FOR ITEM 614 - MAINTAINING TRAFFIC (LOCAL ROADS)



STATE ROUTE 64 - TEMPORARY ROADWAY CLOSURE

STATE ROUTE 64 MAY BE CLOSED FOR SHORT PERIODS OF TIME FOR REMOVAL AND/OR PLACEMENT OF STRUCTURAL STEEL OR FOR OTHER ACTIVITIES AS DETERMINED BY THE CHIEF ENGINEER. THE ROADWAY CLOSURE SHALL BE ACCOMPLISHED BY UTILIZING A TEMPORARY SIGNAL OR FLAGGERS. THE DURATION OF THE COMPLETE CLOSURE OF STATE ROUTE 64 SHALL NOT EXCEED FIFTEEN (15) MINUTES. IF ADDITIONAL COMPLETE CLOSURES ARE NECESSARY, TRAFFIC MUST BE ALLOWED TO RETURN TO THE NORMAL TEMPORARY TRAFFIC CONTROL PATTERN BEFORE THE NEXT CLOSURE BEGINS. ALL COSTS ASSOCIATED WITH THE SHORT-TERM CLOSURE OF STATE ROUTE 64 SHALL BE CONSIDERED INCIDENTAL TO THE PERFORMANCE OF ITEM 614 - MAINTENANCE OF TRAFFIC (LOCAL ROADS).

ITEM SP 626 - BARRIER REFLECTOR

ITEM SP 626 - BARRIER REFLECTOR, TYPE A (WHITE), SHALL CONSIST OF INSTALLING ONE-WAY REFLECTORS BETWEEN MILEPOST 45.90 TO 51.35 AT GUARDRAIL LOCATIONS IDENTIFIED BY THE CHIEF ENGINEER THAT REQUIRE INSTALLATION, REPAIR OR REPLACEMENT OF BARRIER REFLECTORS. FOR THIS PURPOSE, THE FOLLOWING CONTINGENCY QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE CHIEF ENGINEER FOR THOSE LOCATIONS REQUIRING BARRIER REFLECTORS.

ITEM SP 626 - BARRIER REFLECTOR, TYPE A (WHITE)..... 50 EACH

WARRANTY 1 YEAR ANNIVERSARY WALK THROUGH MAINTENANCE OF TRAFFIC

THIS WORK IS TO INCLUDE THE SETUP AND REMOVAL OF MOT (MAINTENANCE OF TRAFFIC) USING OTIC STANDARD DRAWINGS FOR MAINTAINING TRAFFIC DURING THE ONE (1) YEAR ANNIVERSARY WALK THROUGH INSPECTION FOR THE OTIC AND THE OTIC OWNER'S AGENT. THE CONTRACTOR IS TO ANTICIPATE, INITIALLY, THE NEED FOR A MINIMUM OF TWO (2) DAYS OF SETUP IN ORDER TO PROVIDE ACCESS TO THE ENTIRE PROJECT LIMITS FOR WARRANTY INSPECTIONS. FURTHER MOT SETUPS AND REMOVALS SHALL ALSO BE CONSIDERED AS PART OF THIS WORK ITEM FOR INSPECTIONS OF CORRECTED WARRANTY ITEMS UNTIL WARRANTY HAS EXPIRED. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE LUMP SUM BID FOR ITEM SP 614 - MAINTAINING TRAFFIC, WHICH SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIALS AND INCIDENTALS REQUIRED TO COMPLETE THE WORK AS SPECIFIED ABOVE.

ITEM 615 - PAVEMENT FOR MAINTAINING TRAFFIC CLASS A, TYPE 1, AS PER PLAN

THIS ITEM SHALL BE AS PER SECTION 615 OF THE CMS. IN ADDITION, PAYMENT FOR THIS ITEM SHALL INCLUDE ALL LABOR, MATERIALS AND ALL OTHER WORK NECESSARY FOR THE CONSTRUCTION OF THE PROPOSED MEDIAN CROSSOVER AS SHOWN ON SHEETS 47 & 48.

PER 254.05 PAVEMENT SURFACE TOLERANCES SHALL BE WITHIN 1/8 INCH PER TEN (10) FEET. PAVEMENT SMOOTHNESS SHALL BE CORRECTED PER SP 400S.

ALL COSTS FOR THE PLACEMENT OF THE TEMPORARY PAVEMENT, LABOR AND MATERIALS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 615 - PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, TYPE 1, AS PER PLAN.

ITEM 615 - PAVEMENT FOR MAINTAINING TRAFFIC CLASS A, TYPE 2, AS PER PLAN

THIS ITEM SHALL BE AS PER SECTION 615 OF THE CMS AND THE DETAIL SHOWN ON SHEET 25.

PER 254.05 PAVEMENT SURFACE TOLERANCES SHALL BE WITHIN 1/8 INCH PER TEN (10) FEET. PAVEMENT SMOOTHNESS SHALL BE CORRECTED PER SP 400S.

ALL COSTS FOR PAVEMENT PLANING; PLACEMENT OF THE TACK COAT, TEMPORARY PAVEMENT AND COMPACTED AGGRAGATE; AND ALL LABOR AND MATERIALS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 615 - PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, TYPE 2, AS PER PLAN.

ITEM 614 - ASPHALT CONCRETE FOR MAINTAINING TRAFFIC


THIS ITEM SHALL CONSIST OF THE CONTRACTOR PROVIDING ITEM - 614 ASPHALT CONCRETE FOR MAINTAINING TRAFFIC. THIS ITEM SHALL BE USED FOR WEDGING PURPOSES TO AID IN TRANSITIONING TRAFFIC FROM NORMAL TO MILLED SURFACE AND BACK AT THE PERTINENT TOLL / SERVICE PLAZAS FOR EACH PART OF THE CONTRACT. SMOOTH TRANSITIONS BETWEEN MILLED SURFACES AND PACED SURFACES SHALL BE MAINTAINED AT ALL TIMES AT TOLL / SERVICE PLAZA ENTRANCE / EXIT. AT NO TIME SHALL TRAFFIC BE SUBJECTED TO SUDDEN DIPS, DROP-OFFS, OR BUMPS. ASPHALT WEDGING OF TRANSITION AREAS SHALL BE IN ACCORDANCE WITH ODOT STANDARD DRAWING MT-101.90. MATERIAL SUPPLIED FOR THIS ITEM SHALL COMPLY WITH THE REQUIREMENTS OF 614.13.

PAYMENT FOR THIS ITEM SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIAL AND INCIDENTALS NECESSARY TO COMPLETE THIS ITEM INCLUDING PLACING AND REMOVING THE ASPHALT CONCRETE. THIS ITEM SHALL BE PAID FOR AT THE UNIT BID PRICE FOR ITEM 614 - ASPHALT CONCRETE FOR MAINTAINING TRAFFIC.

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN INCLUDED IN THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE CHIEF ENGINEER FOR THE MAINTENANCE OF TRAFFIC.

ITEM 614 - ASPHALT CONCRETE FOR MAINTAINING TRAFFIC 300 CY

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DESIGN AGENCY		BY DATE	
		KPA	1/4/19
REVISIONS		ADDENDUM NO. 4	
NO.	CHECKED	NO.	DATE
1	J.M.P.		
	IN CHARGE		
	W.D.B.		
	J.D.C.		
MAINTENANCE OF TRAFFIC GENERAL NOTES			
PROJECT 43-19-07		DATE: 12/06/18	
5 / 89		24 / 349	
OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION			
