



Matthew G. Bevin
Governor

**COMMONWEALTH OF KENTUCKY
TRANSPORTATION CABINET**
Frankfort, Kentucky 40622
www.transportation.ky.gov/

Greg Thomas
Secretary

June 17, 2019

CALL NO. 404
CONTRACT ID NO. 192605
ADDENDUM # 2

Subject: OHIO COUNTY, 092GR19M050 - FE02
Letting June 21, 2019

- (1) Added - Special Notes - Pages 1-26 of 26
- (2) Revised Addendum #1 Special Notes - Pages 3,4,5 and 5a of 64
- (3) Revised Proposal Material Summary - Pages 92-100d of 126
- (4) Revised Proposal Bid Items - Page 126-126a of 126

Proposal revisions are available at <http://transportation.ky.gov/Construction-Procurement/>.

If you have any questions, please contact us at 502-564-3500.

Sincerely,

A handwritten signature in cursive script that reads "Rachel Mills".

Rachel Mills, P.E.
Director
Division of Construction Procurement

RM:mr
Enclosures



An Equal Opportunity Employer M/F/D

**TRAFFIC CONTROL PLAN
OHIO COUNTY
WK – 9001
FE02 092 9001 B00072L
FE02 092 9001 B00072R
FE02 092 9001 B00130L
FE02 092 9001 B00130R
FE02 092 9001 B00133L
FE02 092 9001 B00133R
FE02 092 9001 B00134L
FE02 092 9001 B00134R**

<p>THIS PROJECT IS A FULLY CONTROLLED ACCESS HIGHWAY</p>

TRAFFIC CONTROL GENERAL

Except as provided herein, “Maintain and Control Traffic” shall be in accordance with the 2019 Standard Specifications and the 2012 Standard Drawings, current editions. Except for the roadway and traffic control bid items listed, all items of work necessary to maintain and control traffic will be paid at the lump sum bid price to "Maintain and Control Traffic". All lane closures used on the Project will be in compliance with the appropriate Standard Drawings. Do NOT use cones for lane closures or shoulder closures.

Contrary to Section 106.01, traffic control devices used on this project may be new, or used in like new condition at the beginning of the work and maintained in like new condition until completion of the work. Traffic control devices will conform to current MUTCD.

Reduce the speed limit in work areas to 55 miles per hour and establish double fines for work zone speeding violations. The extent of these areas within the project limits will be restricted to the proximity of actual work areas as determined by the Engineer. Notify the Engineer a minimum of 12 hours prior to using the double fine signs. At the beginning of the work zone, the “WARNING FINE DOUBLED IN WORK ZONE” signs will be dual mounted. At the end of the work zone, the “END DOUBLE FINE” signs will be dual mounted as well. Remove or cover the signs when the highway work zone does not have workers present for more than a two-hour period of time. Payment for the signs will be at the unit bid price for Temporary Signs. Any relocation or covering of the signs will be incidental to “Maintain and Control Traffic”, lump sum.

Night work will be allowed on this project. Obtain approval from the Engineer for the method of lighting prior to its use.

MAINTENANCE OF TRAFFIC OVERVIEW

Traffic will be reduced to one lane at each structure and bridge rehabilitation activities completed half width. Traffic will be shifted partially onto shoulders in some phases in order to complete work to the center of the bridge. Lane width reductions will be employed on some structures only as necessary.

TIMES OF PROHIBITED LANE CLOSURES AND DIVERSIONS

There will be no times of restricted lane closures for bridge rehabilitation work on the following structures: FE02 092 9001 B00072L; FE02 092 9001 B00072R; FE02 092 9001 B00130L; FE02 092 9001 B00130R; FE02 092 9001 B00133L; FE02 092 9001 B00133R; FE02 092 9001 B00134L; FE02 092 9001 B00134R. The contractor will be allowed 30 Calendar days on each individual structure, upon erection of the initial lane closure, to complete work on each individual structure and restore all lanes and ramps to the original traffic scheme.

See separate traffic control plan for FE02 092 9001 B00132L and FE02 092 9001 B00132R for details for times of prohibited work and closures for work on those structures and limits to the duration work and closures.

Project Phasing:

Phase I and Phase II activities will be described for one individual structure herein, and will be considered applicable to all structures in both the Eastbound and Westbound directions. The contractor may elect to work on more than one structure at a time given the work is completed on each structure within the time allowed.

PHASE IA – Shoulder Strengthening and Rumble Strip Removal (Applies to B00130L&R, B00133L&R, B00134L&R)

Close the inside lane to traffic and mill and inlay asphalt base on shoulders to the dimensions detailed in order to provide a stable driving course and to remove the existing shoulder rumble strips.

Phase I – Bridge Restoration (Outside Lanes)

Close the outside lane to traffic in advance of the work area and in advance of the proposed lane shifts. For B00072L&R, close the outside lane approximately ½ mile in advance of the outside diamond off ramps in order to calm and acclimate traffic to construction in advance of the interchange. Partially shift traffic onto inside shoulders as detailed in the lane taper details and MOT Typical Sections and install temporary barrier wall. Complete all items of bridge restoration work detailed for the outside half of the structure. Mill and inlay the outside shoulders in the limits detailed in preparation for Phase II traffic.

PHASE II – Bridge Restoration (Inside Lanes)

Relocate temporary barrier and crash cushions. Close the inside lane to traffic in advance of the work area and in advance of the proposed lane shifts. For B00072L&R, close the inside lane approximately ½ mile in advance of the outside diamond off ramps in order to calm and acclimate traffic to construction in advance of the interchange. Partially shift traffic onto outside shoulders as detailed in the lane taper details and MOT Typical Sections. Complete all items of bridge restoration work detailed for the inside half of the structure.

PHASE III – Final Pavement Markings and Final Cleanup

Using alternating lane closures, complete final cleanup, permanent striping, rumble strips, and all remaining items of work.

MINIMUM LANE AND MINIMUM LANE WIDTH REQUIREMENTS

Maintain a minimum 12' lane width for work on B00072L&R. Maintain 11' lane width on for work on B00130L&R, and B00134L&R. Maintain 9' lane width for work on B00133L&R. Traffic may be reduced to one lane per direction in accordance with phasing requirements and lane closure requirements.

LANE CLOSURES

Contrary to Section 112.04.17, Lane closures, whether long term or short term, will not be measured for payment and will be incidental to the bid item "Maintain and Control Traffic".

Remove lane closures and restore traffic to two lanes on the mainline for any period of time more than 3 days that no work will be performed requiring a lane closure.

A lane closure will be required for each structure. Do not extend lane closure lengths to connect or include more than one work location.

SIGNS

Additional traffic control signs in addition to normal lane closure signing detailed on the Standard Drawings may be required by the Engineer. Additional signs needed for lane closures may include, but are not limited to, dual mounted LEFT/RIGHT LANE CLOSED 1 MILE, LEFT/RIGHT LANE CLOSED 2 MILE, LEFT/RIGHT LANE CLOSED 3 MILE, SLOWED/STOPPED TRAFFIC AHEAD, KEEP LEFT/RIGHT, STOP, STOP AHEAD, INTERSECTION AHEAD. Signage for reduced speed limits and double fine work zones will be furnished, relocated, and maintained by the Contractor.

Contrary to section 112, individual signs will be measured only once for payment, regardless of how many times they are set, reset, removed and relocated during the duration of the project.

Replacements for damaged signs or signs directed to be replaced by the Engineer due to poor legibility or reflectivity will not be measured for payment.

A quantity of signs has been included for "Roadwork Ahead" signs on entrance ramps, extra double fine signs, keep left/keep right and speed limit signs. These are to be paid for only once regardless of how many times they are moved or relocated.

FLASHING ARROWS

Flashing arrows will be paid for once, regardless of how many times they are moved or relocated. The Department **WILL NOT** take possession of the flashing arrows upon completion of the work.

PORTABLE CHANGEABLE MESSAGE SIGNS

Provide portable changeable message signs (PCMS) in advance of and within the project at locations to be determined by the Engineer. If work is in progress concurrently in both directions, or if more than one lane closure is in place in the same direction of travel, provide additional PCMS. Place PCMS one mile in advance of the anticipated queue at each lane closure. As the actual queue lengthens and/or shortens relocate or provide additional PCMS so that traffic has warning of slowed or stopped traffic at least one mile but not more than two miles before reaching the end of the actual queue. The locations designated may vary as the work progresses. The messages required to be provided will be designated by the Engineer. The PCMS will be in operation at all times. In the event of damage or mechanical/electrical failure, the contractor will repair or replace the PCMS immediately. PCMS will be paid for once, no matter how many times they are moved or relocated. The Department **WILL NOT** take possession of the signs upon completion of the work.

TEMPORARY PAVEMENT MARKINGS

Remove or cover the lenses of raised pavement markers that do not conform to the traffic control scheme in use, or as directed by the Engineer. Replace or uncover lenses before a closed lane is reopened to traffic. No direct payment will be made for removing or covering and uncovering the lenses, but will be incidental to "Maintain and Control Traffic," lump sum.

Use temporary striping tape for all temporary pavement markings in accordance with section 112 of the Specifications. Use black temporary tape for obscuring existing pavement markings when in conflict with proposed traffic schemes. Use two widths of 6" temporary striping for temporary gore striping.

1. Temporary striping will be 6" in width.
2. Edge lines will be required for temporary striping during the lane closures.
3. Existing, temporary, or permanent striping will be in place before a lane is opened to traffic.

Should the Contractor change the existing striping pattern, the Contractor is to restripe the roadway back to its original configuration if no work is anticipated for a period of time (i.e. Winter shutdown).

PAVEMENT EDGE DROP-OFFS

Pavement edge drop-offs will be protected by a lane or shoulder closure. Lane closures will be protected with plastic drums, vertical panels, or barricades as shown on the Standard Drawings.

Pavement edges that traffic is not expected to cross, except accidentally, shall be treated as follows:

Less than 2" – Protect with a lane closure.

2" to 4" – Protect with a lane closure. Place plastic drums, vertical panels, or barricades every 50 feet. Cones may not be used in place of plastic drums, panels, and barricades at any time. Construct a wedge with compacted cuttings from milling, trenching, or asphalt mixtures with a 3:1 or flatter slope, when work is not active in the drop-off area. Place Type III Barricades at the beginning of the lane closures, and place additional Type III Barricades spaced at 2,500 feet during the time the lane closure is in place.

Greater than 4" – Shoulder Strengthening – In areas where pavement is to be removed, work should proceed continuously so that traffic is exposed to a drop-off for the minimum amount of time necessary to bring the pavement back up to existing grade. Barrel spacing should be 20 feet and appropriate lighting should be utilized to illuminate the area during nighttime operations.

TRAFFIC COORDINATOR

Designate an employee to be traffic coordinator. The designated Traffic Coordinator must meet the requirements of section 112.03.12 of the Standard Specifications. The Traffic Coordinator will inspect the project maintenance of traffic once every two hours during the Contractor's operations and at any time a lane closure is in place. The Traffic Coordinator will report all incidents throughout the work zone to the Engineer on the project. The Contractor will furnish the name and telephone number where the Traffic Coordinator can be contacted at all times.

During any period when a lane closure is in place, the Traffic Coordinator will arrange for personnel to be present on the project at all times to inspect the traffic control, maintain the signing and devices, and relocate portable changeable message boards as queue lengths change. The personnel will have access on the project to a radio or telephone to be used in case of emergencies or accidents.

COORDINATION OF WORK

The Contractor is advised that other projects may be in progress within or in the near vicinity of this project. The traffic control of those projects may affect this project and the traffic control of this project may affect those projects. The Contractor will coordinate the work on this project with the work of the other contractors. In case of conflict, the Engineer will determine the relative priority to give to work phasing on the various projects.

CONTRACTOR'S AND CONTRACTOR'S EMPLOYEES' VEHICLES

Do not use or allow employees to use median crossovers at any time except when inside lanes are closed for construction. In all other phases of construction, change vehicular direction of travel only at interchanges.

WIDE LOADS

Wide load detours will not be established on this project.

Wide loads will be prohibited for restoration work requiring half width construction with a temporary concrete barrier. One mile in advance of prior interchange of the work location (Caneyville Exit 94 WB and Beaver Dam Exit 75 EB), place signs instructing Wide Loads Use US 62. Signs shall be dual mounted and 4' x 8'. Also, place Wide Load Exit Here sign immediately prior to the interchange requiring exit (Caneyville Exit 94 WB and Beaver Dam Exit 75 EB). When applicable, place "Wide Loads Prohibited WN-9001 (EB or WB as applicable)" signs in advance of interchanges (US 231 approaches, I-165 approaches, and KY 79 approaches) on each side road approach to the applicable interchange. Additional portable changeable message signs quantities have been established to supplement post mounted signs to be used at the direction of the engineer.

The contractor will be required to provide a minimum of 10 days written notice to the Engineer prior to erection of a lane closure that will restrict passage of wide loads.

ROAD CLOSURES

No road closures or ramp closures will be allowed on this project.

TEMPORARY BARRIER WALL

Payment of the contract unit price per linear foot for "Concrete Barrier Wall Type 9T" shall be full compensation for furnishing, installing, maintaining, adjusting alignment as needed, removing the barrier when no longer needed, and all incidentals necessary to complete the work.

Provide one side mounted barrier delineator per each section of barrier.

CRASH CUSHIONS

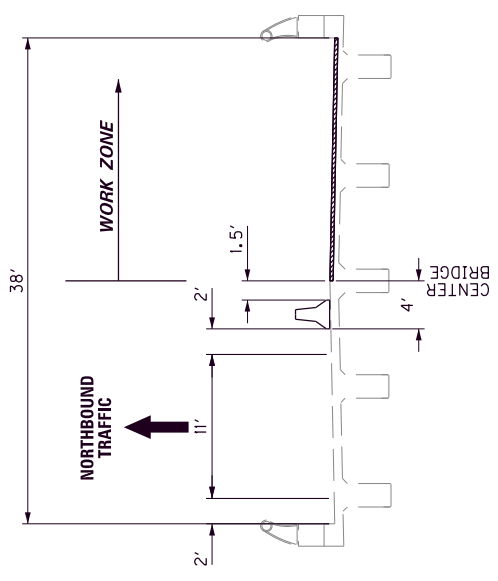
Provide barrier end treatments that comply with MASH-16.

County	Item No.	Sheet
OHIO	-	

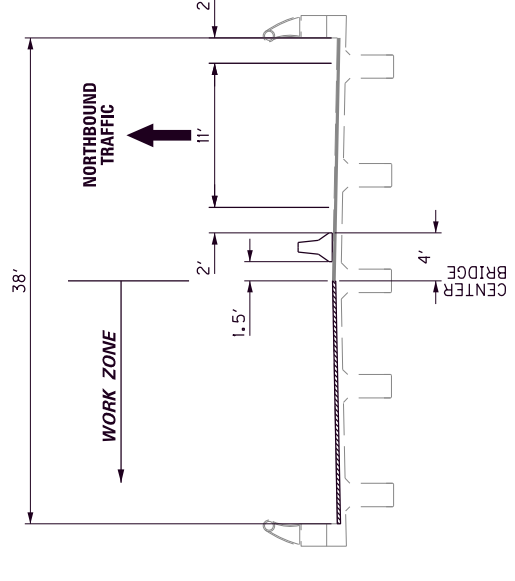
M.O.T. TYPICAL SECTIONS

KY 9001 (WESTERN KY PARKWAY) OVER LEWIS CREEK & KY 2713
MP 69.73 (092B00134LR) & MP 85.76 (092B00130LR)

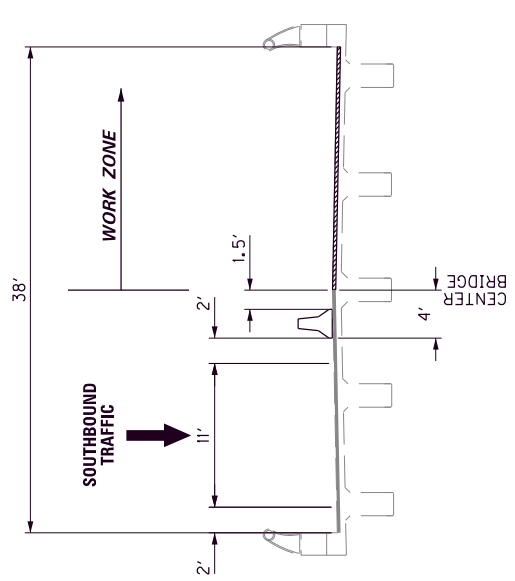
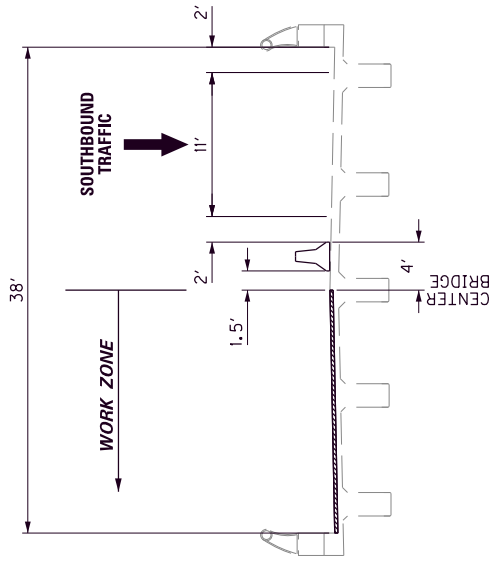
WESTERN KY PARKWAY
MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS



PHASE 1



PHASE 2

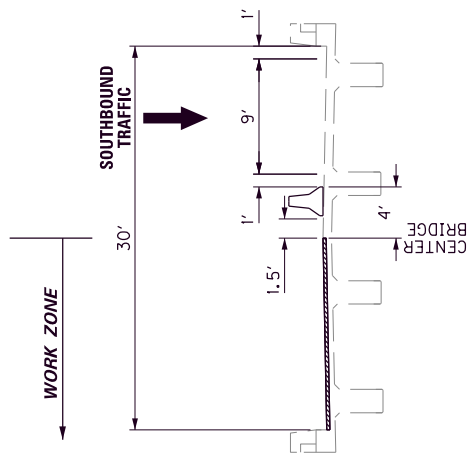


- LEGEND**
- CONSTRUCTED IN PREVIOUS PHASE
 - MILL AND INLAY

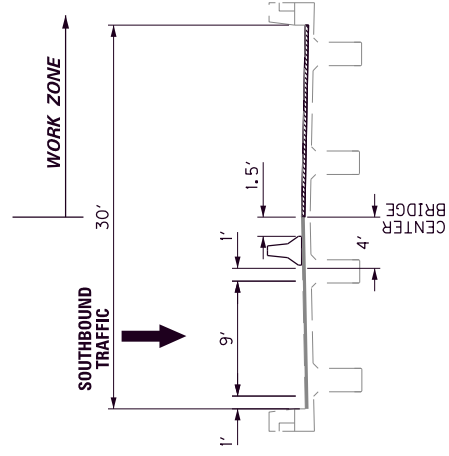
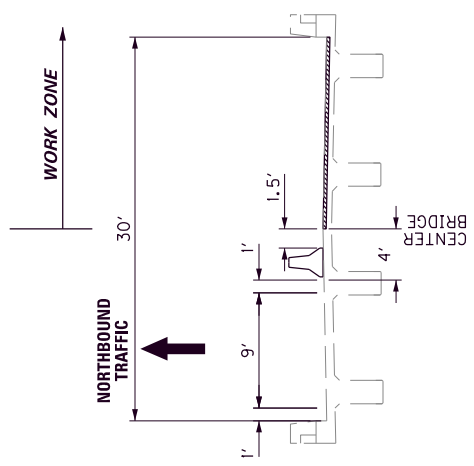
M.O.T. TYPICAL SECTIONS

**KY 9001 (WESTERN KY PARKWAY) OVER KY 369 (ROCHESTER RD)
MP 72.42 (092B00133L/R)**

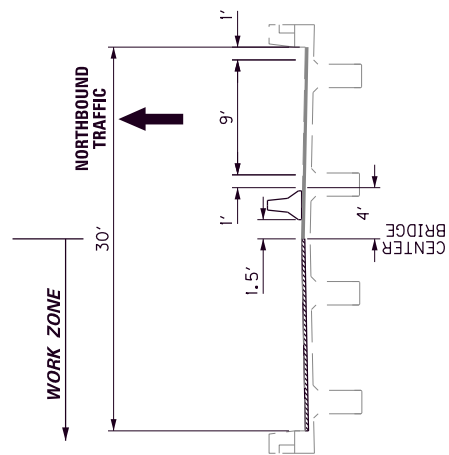
County	Item No.	Sheet
OHIO	-	



PHASE 1



PHASE 2



LEGEND

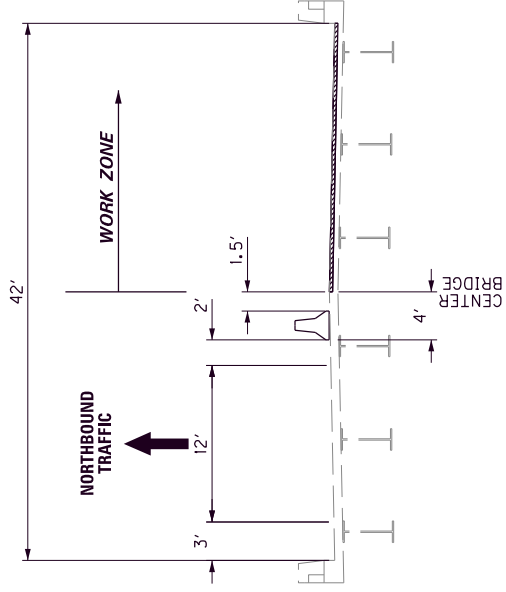
- CONSTRUCTED IN PREVIOUS PHASE
- MILL AND INLAY

WESTERN KY PARKWAY
MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS

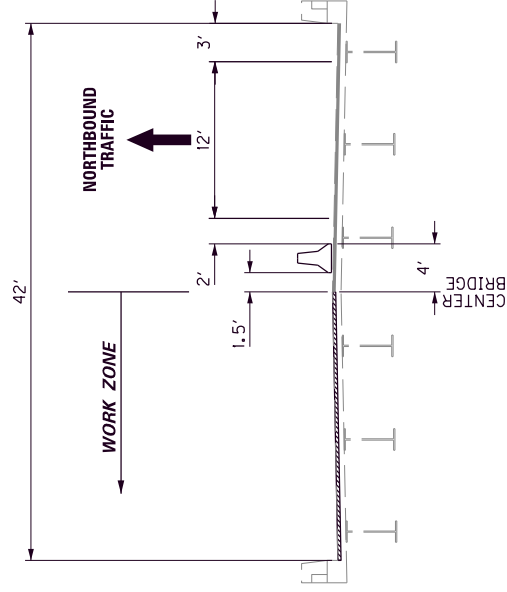
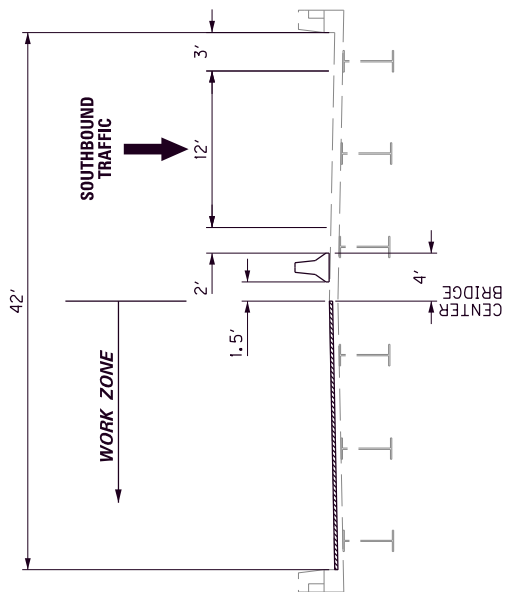
M.O.T. TYPICAL SECTIONS

KY 9001 (WESTERN KY PARKWAY) OVER WN-9007 (WILLIAM NATCHER PARKWAY)
MP 76.74 (092B00072L/R)

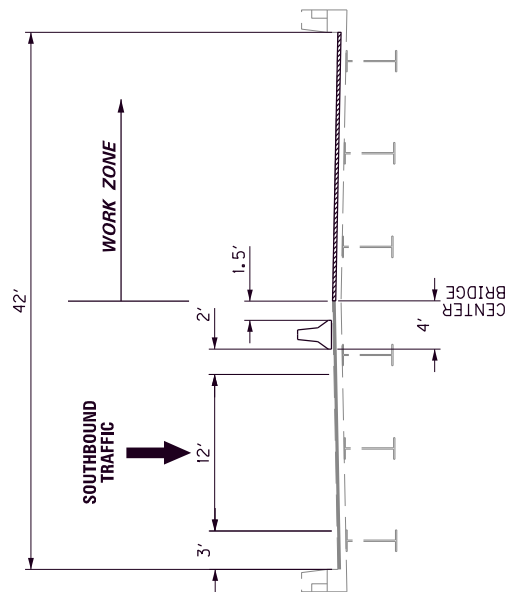
County	Item No.	Sheet
OHIO	-	



PHASE 1



PHASE 2



LEGEND

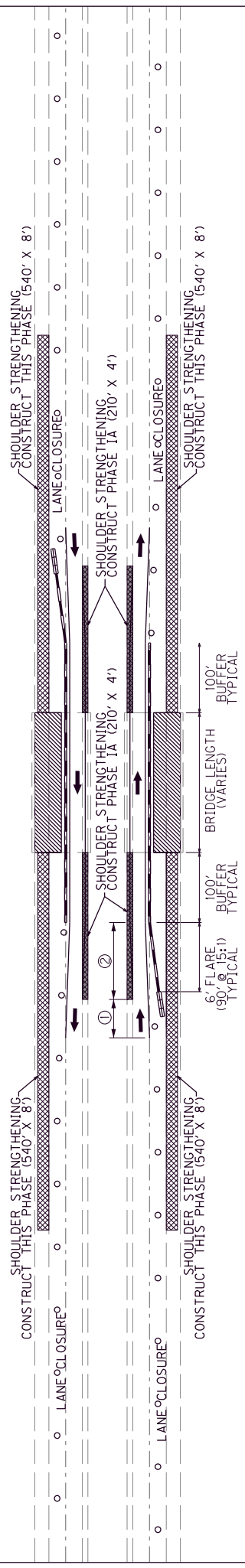
- CONSTRUCTED IN PREVIOUS PHASE
- MILL AND INLAY

WESTERN KY PARKWAY
MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS

M.O.T. TYPICAL SECTIONS

KY 9001 (WESTERN KY PARKWAY) OVER LEWIS CREEK & KY 2713
 MP 69.73 (092B00134L/R) & MP 85.76 (092B00130L/R)
 PHASE 1

County	Item No.	Sheet
OHIO	-	

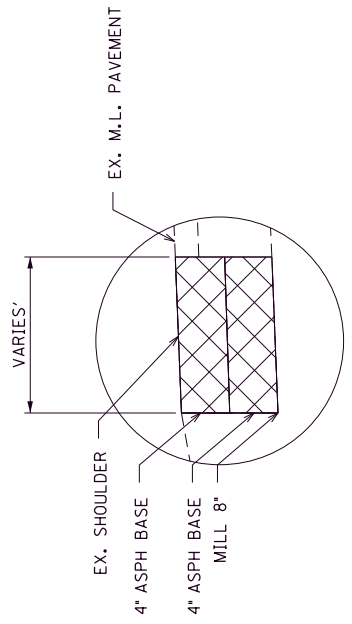


NOTE: ALL LANE SHIFTS BASED ON 55:1 TAPER RATE
 REDUCE LANE WIDTHS IN ADVANCE OF LANE SHIFT BASED ON 55:1 TAPER RATE. REDUCE DRUM SPACING TO 20' IN TAPERS AND LANE SHIFT AREAS.

① LANE REDUCTION TAPER 1' - 55' @ 55:1 (TYPICAL)
 ② LANE SHIFT TAPER 2' - 110' @ 55:1 (TYPICAL)

LEGEND

- CONSTRUCTED IN PREVIOUS PHASE
- ▨ BRIDGE DECK RESTORATION
- ▩ PAVEMENT SHOULDER STRENGTHENING
- ▬ CONC MEDIAN BARRIER WALL TYPE 9T
- ▭ CRASH CUSHION TY VI CLASS BT TL3
- TRAFFIC DRUMS
- ➔ TRAFFIC LANE DIRECTION



SHOULDER STRENGTHENING PAVEMENT

- 8" MILLING AND TEXTURING
- 8" ASPH BASE
- 4" - CLASS 4 ASPH BASE 1.0D PG76-22
- 4" - CLASS 4 ASPH BASE 1.0D PG76-22

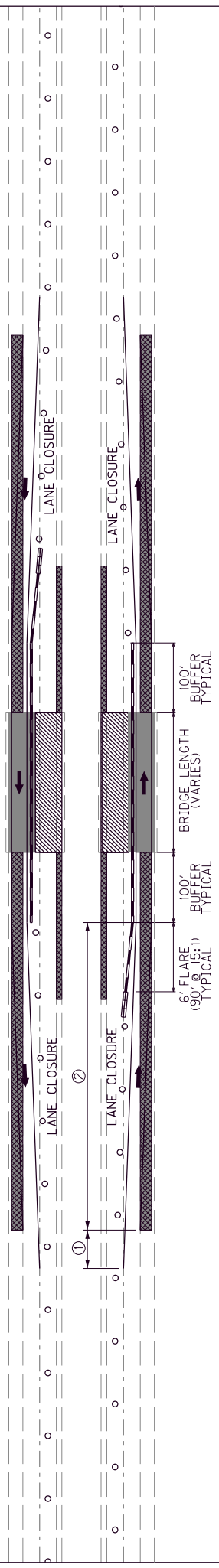
SHOULDER STRENGTHENING DETAIL

WESTERN KY PARKWAY
 MAINTENANCE OF TRAFFIC
 TYPICAL SECTIONS

M.O.T. TYPICAL SECTIONS

KY 9001 (WESTERN KY PARKWAY) OVER LEWIS CREEK & KY 2713
MP 69.73 (092B00134L/R) & MP 85.76 (092B00130L/R)
PHASE 2

County	Item No.	Sheet
OHIO	-	

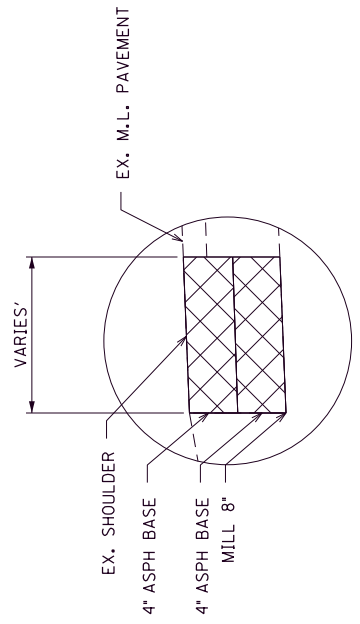


NOTE: ALL LANE SHIFTS BASED ON 55:1 TAPER RATE
REDUCE LANE WIDTHS IN ADVANCE OF LANE
SHIFT BASED ON 55:1 TAPER RATE. REDUCE
DRUM SPACING TO 20' IN TAPERS AND LANE
SHIFT AREAS.

① LANE REDUCTION TAPER 1' - 55' @ 55:1 (TYPICAL)
② LANE SHIFT TAPER 8' - 440' @ 55:1 (TYPICAL)

LEGEND

- CONSTRUCTED IN PREVIOUS PHASE
- ▨ BRIDGE DECK RESTORATION
- ▩ PAVEMENT SHOULDER STRENGTHENING
- ▬ CONC MEDIAN BARRIER WALL TYPE 9T
- ▭ CRASH CUSHION TY VI CLASS BT TL3
- TRAFFIC DRUMS
- ➔ TRAFFIC LANE DIRECTION



SHOULDER STRENGTHENING PAVEMENT

- 8" MILLING AND TEXTURING
- 8" ASPH BASE
- 4" - CLASS 4 ASPH BASE 1.0D PG76-22
- 4" - CLASS 4 ASPH BASE 1.0D PG76-22

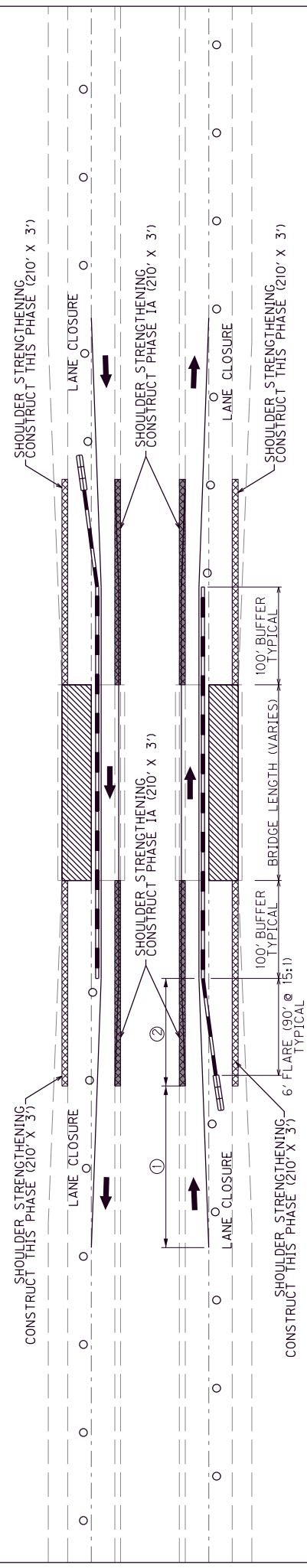
WESTERN KY PARKWAY
MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS

SHOULDER STRENGTHENING DETAIL

M.O.T. TYPICAL SECTIONS

KY 9001 (WESTERN KY PARKWAY) OVER KY 369 (ROCHESTER RD) MP 72.42 (092B00133L/R) PHASE 1

County	Item No.	Sheet
OHIO	-	

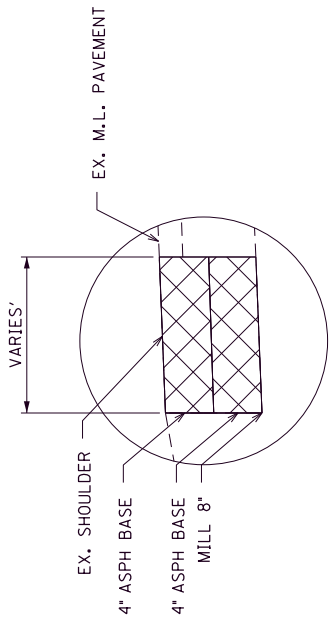


NOTE: ALL LANE SHIFTS BASED ON 55:1 TAPER RATE. REDUCE LANE WIDTHS IN ADVANCE OF LANE SHIFT BASED ON 55:1 TAPER RATE. REDUCE DRUM SPACING TO 20' IN TAPERS AND LANE SHIFT AREAS.

① LANE REDUCTION TAPER 3' - 165' @ 55:1 (TYPICAL)
 ② LANE SHIFT TAPER 2' - 110' @ 55:1 (TYPICAL)

LEGEND

- CONSTRUCTED IN PREVIOUS PHASE
- BRIDGE DECK RESTORATION
- PAVEMENT SHOULDER STRENGTHENING
- CONC MEDIAN BARRIER WALL TYPE 9T
- CRASH CUSHION TY VI CLASS BT TL3
- TRAFFIC DRUMS
- TRAFFIC LANE DIRECTION



SHOULDER STRENGTHENING PAVEMENT

- 8" MILLING AND TEXTURING
- 8" ASPH BASE
- 4" - CLASS 4 ASPH BASE 1.0D PG76-22
- 4" - CLASS 4 ASPH BASE 1.0D PG76-22

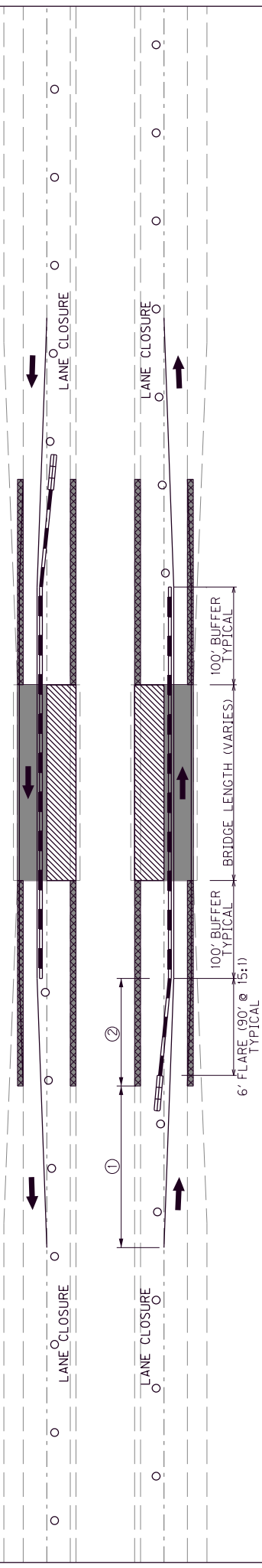
WESTERN KY PARKWAY
MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS

SHOULDER STRENGTHENING DETAIL

County	Item No.	Sheet
OHIO	-	

M.O.T. TYPICAL SECTIONS

**KY 9001 (WESTERN KY PARKWAY) OVER KY 369 (ROCHESTER RD)
MP 72.42 (092B00133L/R)
PHASE 2**

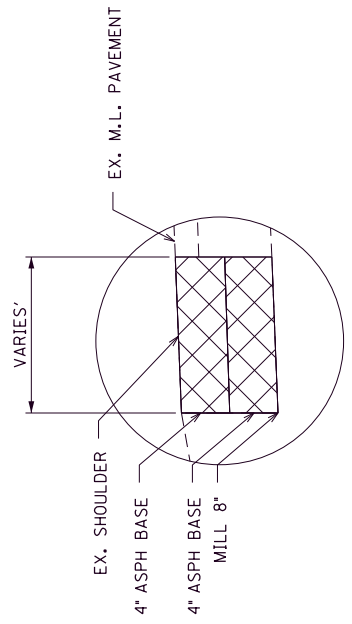


NOTE: ALL LANE SHIFTS BASED ON 55:1 TAPER RATE
REDUCE LANE WIDTHS IN ADVANCE OF LANE
SHIFT BASED ON 55:1 TAPER RATE. REDUCE
DRUM SPACING TO 20' IN TAPERS AND LANE
SHIFT AREAS.

① LANE REDUCTION TAPER 3' - 165' @ 55:1 (TYPICAL)
② LANE SHIFT TAPER 2' - 110' @ 55:1 (TYPICAL)

LEGEND

- CONSTRUCTED IN PREVIOUS PHASE
- BRIDGE DECK RESTORATION
- PAVEMENT SHOULDER STRENGTHENING
- CONC MEDIAN BARRIER WALL TYPE 9T
- CRASH CUSHION TY VI CLASS BT TL3
- TRAFFIC DRUMS
- TRAFFIC LANE DIRECTION



SHOULDER STRENGTHENING PAVEMENT

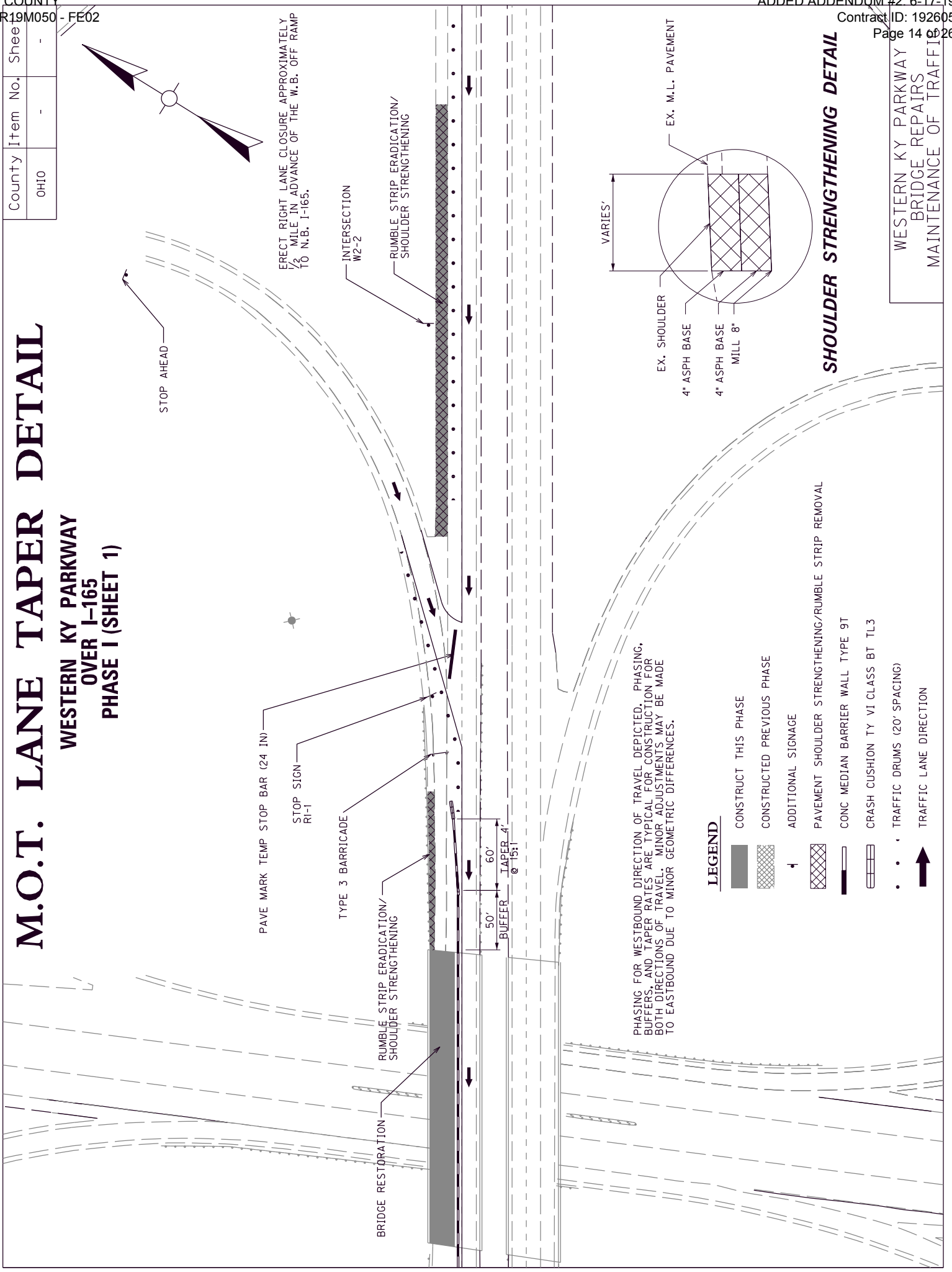
- 8" MILLING AND TEXTURING
- 4" - CLASS 4 ASPH BASE 1.0D PG76-22
- 8" ASPH BASE
- 4" - CLASS 4 ASPH BASE 1.0D PG76-22

SHOULDER STRENGTHENING DETAIL

WESTERN KY PARKWAY
MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS

M.O.T. LANE TAPER DETAIL

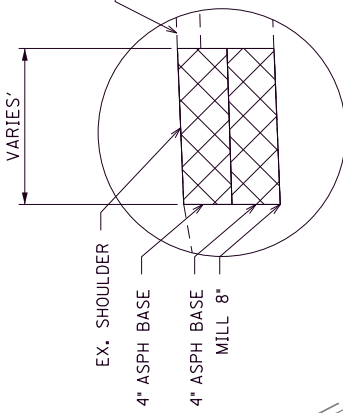
WESTERN KY PARKWAY OVER I-165 PHASE I (SHEET 1)



ERECT RIGHT LANE CLOSURE APPROXIMATELY 1/2 MILE IN ADVANCE OF THE W.B. OFF RAMP TO N.B. I-165.

INTERSECTION W2-2

RUMBLE STRIP ERADICATION/ SHOULDER STRENGTHENING



PHASING FOR WESTBOUND DIRECTION OF TRAVEL DEPICTED. PHASING, BUFFERS, AND TAPER RATES ARE TYPICAL FOR CONSTRUCTION FOR BOTH DIRECTIONS OF TRAVEL. MINOR ADJUSTMENTS MAY BE MADE TO EASTBOUND DUE TO MINOR GEOMETRIC DIFFERENCES.

LEGEND

- CONSTRUCT THIS PHASE
- CONSTRUCTED PREVIOUS PHASE
- ADDITIONAL SIGNAGE
- PAVEMENT SHOULDER STRENGTHENING/RUMBLE STRIP REMOVAL
- CONC MEDIAN BARRIER WALL TYPE 9T
- CRASH CUSHION TY VI CLASS BT TL3
- TRAFFIC DRUMS (20' SPACING)
- TRAFFIC LANE DIRECTION

SHOULDER STRENGTHENING DETAIL

WESTERN KY PARKWAY
BRIDGE REPAIRS
MAINTENANCE OF TRAFFIC

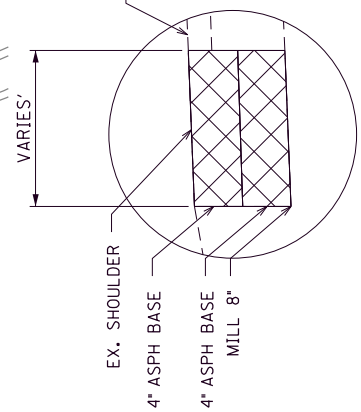
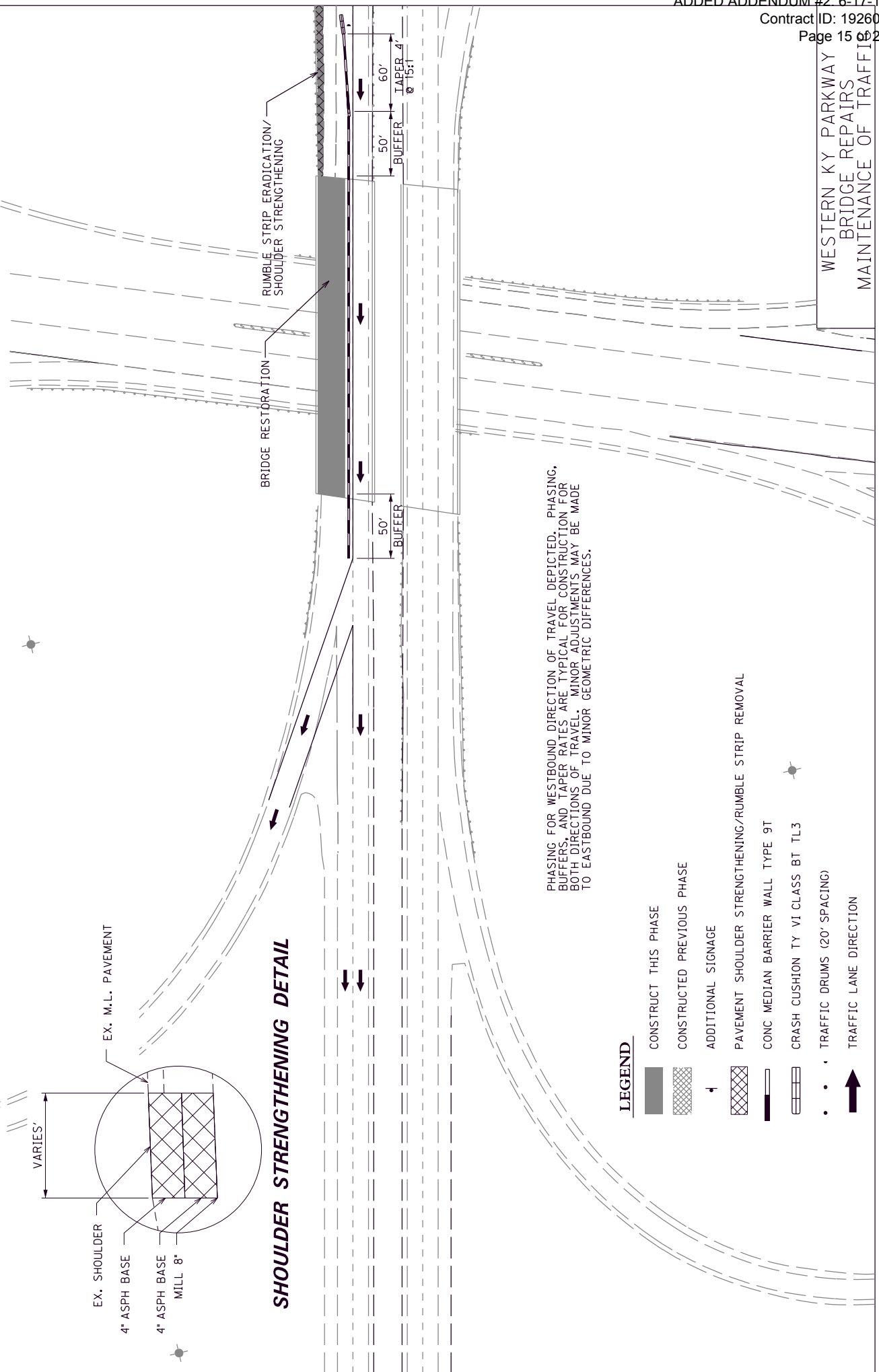
County	Item No.	Sheet
OHIO	-	-

County	Item No.	Sheet
OHIO	-	-

M.O.T. LANE TAPER DETAIL

WESTERN KY PARKWAY OVER I-165

PHASE I (SHEET 2)



SHOULDER STRENGTHENING DETAIL

PHASING FOR WESTBOUND DIRECTION OF TRAVEL DEPICTED. PHASING, BUFFERS, AND TAPER RATES ARE TYPICAL FOR CONSTRUCTION FOR BOTH DIRECTIONS OF TRAVEL. MINOR ADJUSTMENTS MAY BE MADE TO EASTBOUND DUE TO MINOR GEOMETRIC DIFFERENCES.

LEGEND

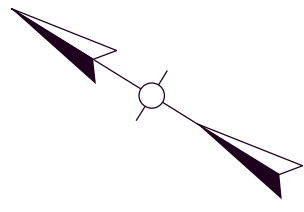
- CONSTRUCT THIS PHASE
- CONSTRUCTED PREVIOUS PHASE
- ADDITIONAL SIGNAGE
- PAVEMENT SHOULDER STRENGTHENING/RUMBLE STRIP REMOVAL
- CONC MEDIAN BARRIER WALL TYPE 9T
- CRASH CUSHION TY VI CLASS BT TL3
- TRAFFIC DRUMS (20' SPACING)
- TRAFFIC LANE DIRECTION

WESTERN KY PARKWAY
BRIDGE REPAIRS
MAINTENANCE OF TRAFFIC

M.O.T. LANE TAPER DETAIL

WESTERN KY PARKWAY OVER I-165 PHASE II (SHEET 1)

County	Item No.	Sheet
OHIO	-	-



STOP AHEAD

PAVE MARK TEMP STOP BAR (24 IN)

STOP SIGN
RI-1

ERECT LEFT LANE CLOSURE APPROXIMATELY
1/2 MILE IN ADVANCE OF THE W.B. OFF RAMP
TO N.B. I-165.

INTERSECTION
W2-2

12' LANE TAPER @ 55:1

TYPE 3
BARRICADE









40'
TAPER @ 15:1

50'
BUFFER

BRIDGE RESTORATION

PHASING FOR WESTBOUND DIRECTION OF TRAVEL DEPICTED. PHASING,
BUFFERS, AND TAPER RATES ARE TYPICAL FOR CONSTRUCTION FOR
BOTH DIRECTIONS OF TRAVEL. MINOR ADJUSTMENTS MAY BE MADE
TO EASTBOUND DUE TO MINOR GEOMETRIC DIFFERENCES.

LEGEND

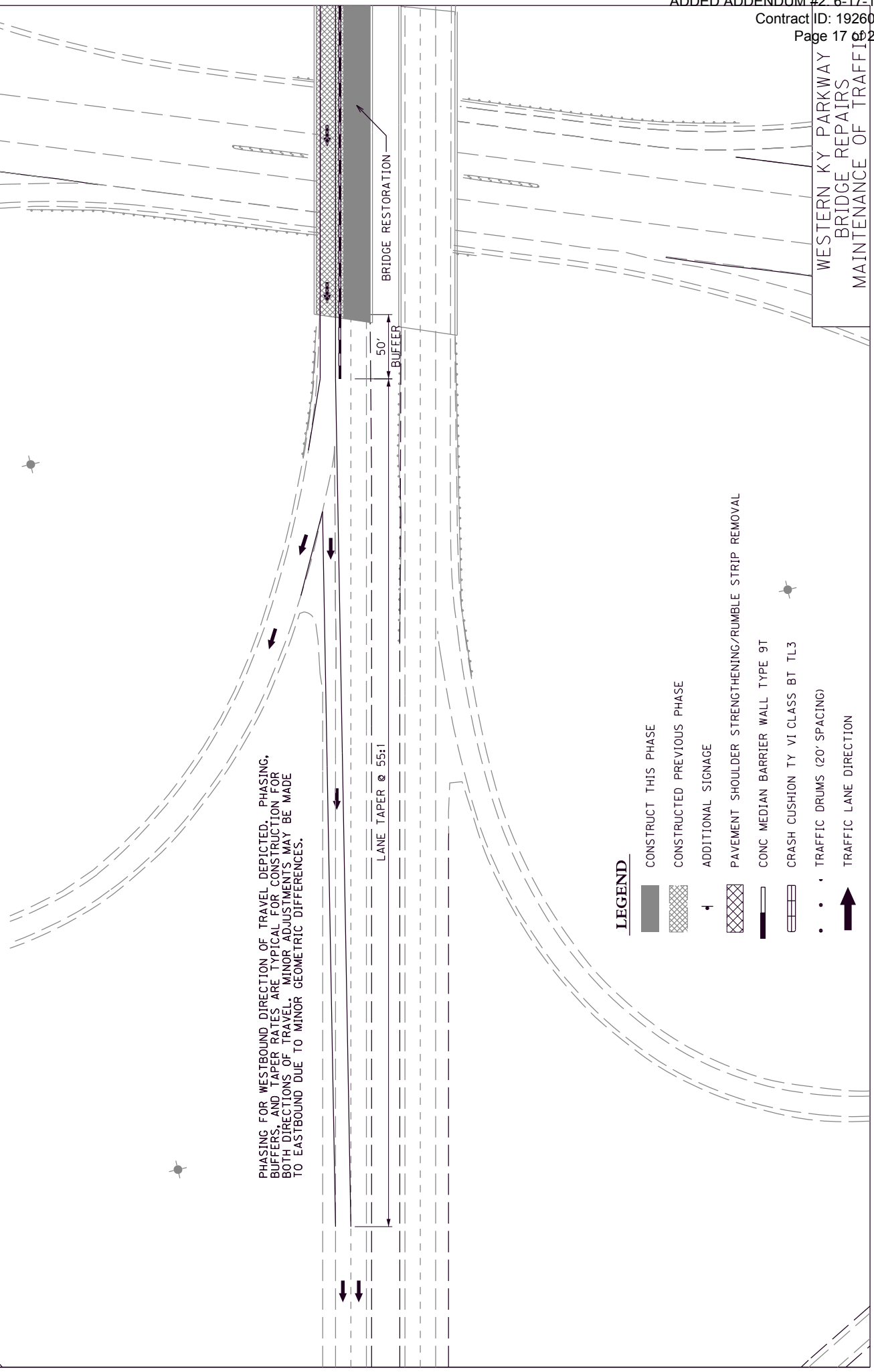
-  CONSTRUCT THIS PHASE
-  CONSTRUCTED PREVIOUS PHASE
-  ADDITIONAL SIGNAGE
-  PAVEMENT SHOULDER STRENGTHENING/RUMBLE STRIP REMOVAL
-  CONC MEDIAN BARRIER WALL TYPE 9T
-  CRASH CUSHION TY VI CLASS BT TL3
-  TRAFFIC DRUMS (20' SPACING)
-  TRAFFIC LANE DIRECTION

WESTERN KY PARKWAY
BRIDGE REPAIRS
MAINTENANCE OF TRAFFIC

M.O.T. LANE TAPER DETAIL

WESTERN KY PARKWAY OVER I-165 PHASE II (SHEET 2)

County	Item No.	Sheet
OHIO	-	-



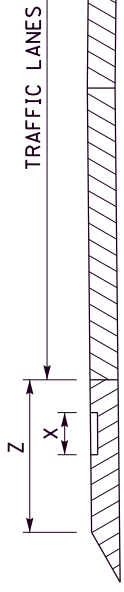
PHASING FOR WESTBOUND DIRECTION OF TRAVEL DEPICTED. PHASING, BUFFERS, AND TAPER RATES ARE TYPICAL FOR CONSTRUCTION FOR BOTH DIRECTIONS OF TRAVEL; MINOR ADJUSTMENTS MAY BE MADE TO EASTBOUND DUE TO MINOR GEOMETRIC DIFFERENCES.

LEGEND

- CONSTRUCT THIS PHASE
- CONSTRUCTED PREVIOUS PHASE
- ADDITIONAL SIGNAGE
- PAVEMENT SHOULDER STRENGTHENING/RUMBLE STRIP REMOVAL
- CONC MEDIAN BARRIER WALL TYPE 9T
- CRASH CUSHION TY VI CLASS BT TL3
- TRAFFIC DRUMS (20' SPACING)
- TRAFFIC LANE DIRECTION

WESTERN KY PARKWAY
 BRIDGE REPAIRS
 MAINTENANCE OF TRAFFIC

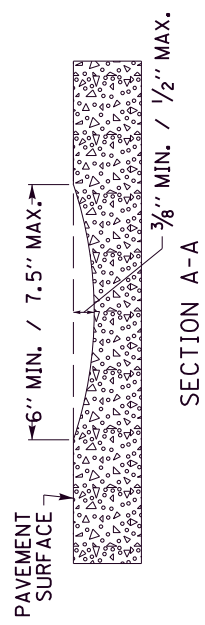
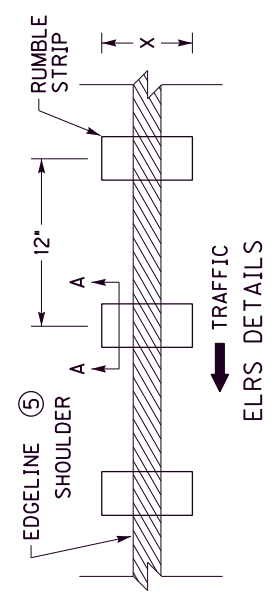
ITEM NO.	
COUNTY OF	OHIO



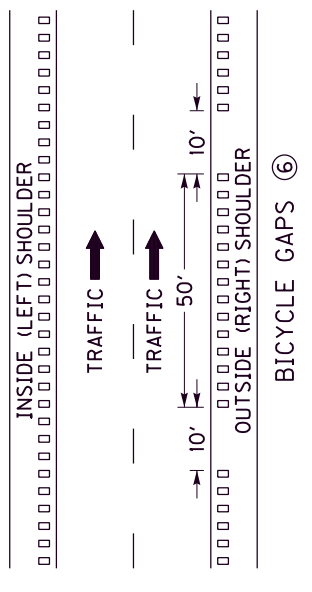
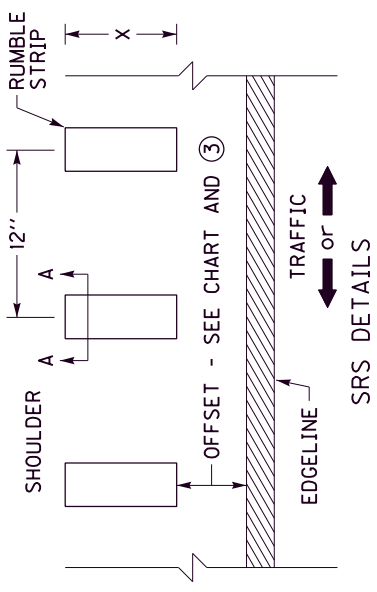
PAVEMENT CROSS-SECTION
(WHEN SRS ARE SPECIFIED)



PAVEMENT CROSS-SECTION
(WHEN ELRS ARE SPECIFIED)



SHOULDER WIDTH (Z) ②	RUMBLE TYPE ①	RUMBLE LENGTH (X) ③	OFFSET ③
>1'	ELRS	8"	N/A
2'	ELRS or SRS	8"	ELRS-N/A SRS-6"
3'	ELRS or SRS	8"	ELRS-N/A SRS-6"
4'	ELRS or SRS	8"	ELRS-N/A SRS-6"
5'	SRS ⑥	8"	6"
6'	SRS ⑥	8"	6"
7'	SRS ⑥	12"	12"
>8'	SRS ⑥	16"	12"



~ NOTES ~

- FOR MULTI-LANE ROADWAYS, THE RUMBLE TYPE TO BE INSTALLED IS BASED ON SHOULDER WIDTH (Z). FOR SHOULDER WIDTHS OF 2', 3', AND 4' THE RUMBLE TYPE MAY BE SPECIFIED AS EITHER EDGE LINE RUMBLE STRIPS (ELRS) OR SHOULDER RUMBLE STRIPS (SRS). IN THESE SITUATIONS, THE RUMBLE TYPE TO BE INSTALLED WILL BE SPECIFIED IN THE PLANS, PROPOSAL, AND/OR BID ITEMS, OR AS DIRECTED BY THE ENGINEER.
- WHEN ELRS ARE SPECIFIED, SHOULDER WIDTH (Z) IS FROM LANE SIDE EDGE OF RUMBLE STRIP TO OUTSIDE EDGE OF TRAVERSABLE PAVEMENT. WHEN SRS ARE SPECIFIED, SHOULDER WIDTH (Z) IS FROM CENTER OF EDGE LINE STRIPE TO OUTSIDE EDGE OF TRAVERSABLE PAVEMENT.
- RUMBLE LENGTH (X) AND/OR OFFSET DISTANCE MAY BE MODIFIED AS THE ENGINEER DIRECTS, IF THE SHOULDER WIDTH (Z) IS EQUAL TO OR LESS THAN THE COMBINED WIDTH OF THE PROPOSED RUMBLE LENGTH (X) AND OFFSET DISTANCE.
- DISTANCES SHOWN ARE APPROXIMATE. MAINTAIN RUMBLE STRIP DIMENSIONS AND SPACING AS MUCH AS POSSIBLE.
- WHEN ELRS ARE SPECIFIED, THE EDGE LINE MARKING SHALL BE PLACED IN THE CENTER OF THE RUMBLE STRIP.
- SHOULDER RUMBLE STRIPS (SRS) ALONG OUTSIDE (RIGHT) SHOULDERS THAT ARE 5' OR WIDER SHOULD INCLUDE BICYCLE GAPS AS DETAILED. BICYCLE GAPS ARE NOT REQUIRED ON INSIDE (LEFT) SHOULDERS. BICYCLE GAPS SHALL NOT BE USED ON INTERSTATES AND PARKWAYS.
- RUMBLE STRIPS SHOULD BE OMITTED WHERE THE POSTED SPEED LIMIT IS 45 MPH OR LESS, OR WHEN THE SHOULDER WIDTH IS LESS THAN 1 FT.

BID ITEMS AND UNIT TO BID
SHOULDER RUMBLE STRIPS
EDGE LINE RUMBLE STRIPS

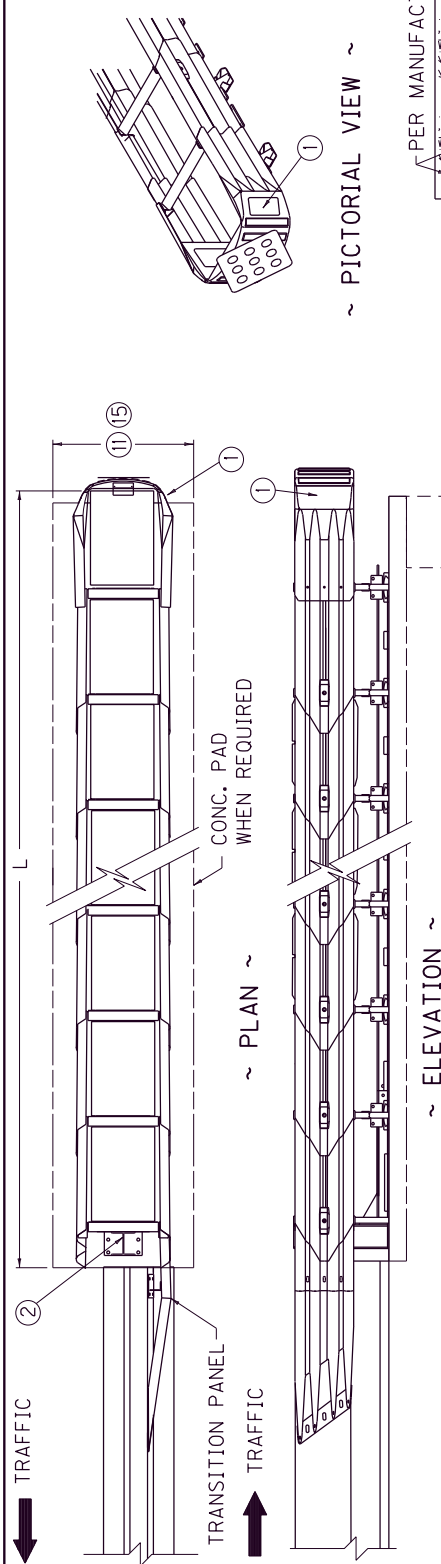
LF
LF

DRAWING NOT TO SCALE

USE WITH SEPIA 005

KENTUCKY
 DEPARTMENT OF HIGHWAYS
 RUMBLE STRIP DETAILS
 MULTI-LANE ROADWAYS
 AND RAMPS
 SUBMITTED: *R. [Signature]*
 11-2018
 Contract ID: 192605
 Page 13 of 26

COUNTY OF	OHIO
ITEM NO.	
SHEET NO.	



~ PICTORIAL VIEW ~



~ CONCRETE PAD SECTION ~
(PER MANUFACTURER SPECIFICATIONS)
REFER TO NOTES 11 15

~ NOTES ~
Additional Concrete Pad Construction may be Required Per Manufacturer Specifications

1. NOSE ASSEMBLY (OBJECT MARKER TYPE 1 AS NECESSARY)
2. CONSTRUCTION ZONE BACKUP
3. CRASH CUSHION TYPE VI, CLASS B, ☆, △
 - ☆ EITHER TEST LEVEL 2 (TL2) OR TEST LEVEL 3 (TL3), AS REQUIRED.
 - △ SEE "CONNECTION DETAILS OF CRASH CUSHION TYPE VI TO DOUBLE FACE GUARDRAIL".
4. CRASH CUSHION TYPE VI-BT IS DEPICTED ATTACHED TO A CONCRETE BARRIER (TEMPORARY).
5. WHEN CRASH CUSHION TYPE VI-BT IS ATTACHED TO STEEL "W" BEAM GUARDRAIL (DOUBLE FACE), ALL APPLICABLE DETAILS SHOWN ON CUR. SEPIA 018, "CONNECTION DETAIL OF CRASH CUSHION TYPE VI TO DOUBLE FACE GUARDRAIL" SHALL BE REQUIRED.
6. WHEN CRASH CUSHION TYPE VI-BT IS ATTACHED TO STEEL "W" BEAM GUARDRAIL (DOUBLE FACE), THE TRANSITION PANEL SHALL BE ELIMINATED.
7. IN A TWO-WAY TRAFFIC SITUATION FOR A 6" OR 9" TOP WIDTH WALL THE UNIT SHALL BE OFFSET FROM THE CENTERLINE OF THE WALL AS SHOWN IN THE PLAN VIEW. FOR A 12" TOP WIDTH WALL, THE UNIT SHALL BE CENTERED ON THE END OF THE BARRIER.
8. FOR ONE-WAY APPROACH TRAFFIC THE UNIT SHALL BE CENTERED ON THE END OF THE BARRIER.
9. THE COMPLETE INSTALLATION SHALL MEET ALL APPLICABLE REQUIREMENTS OF ENERGY ABSORPTIONS INC. OR TRINITY INDUSTRIES INC.
10. ANCHORAGE DEVICES TO SECURE THE CRASH CUSHION TO THE EXISTING SURFACE SHALL BE SHOWN ON APPROVED SHOP DRAWINGS.
11. THE CONCRETE PAD, PAD EXCAVATION AND STEEL REINFORCEMENT, INSTALLED IN PLACE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR CRASH CUSHION TYPE VI. DIMENSION AND REINFORCEMENT SPECIFICATIONS FOR CONCRETE PADS ARE TO BE PROVIDED BY THE MANUFACTURER. THE PAD WILL NOT BE REQUIRED WHEN UNIT IS CONSTRUCTED ON RIGID PAVEMENT.
12. THE PAD WILL NOT BE REQUIRED WHEN THE UNIT IS CONSTRUCTED ON EXISTING PAVEMENT OR BRIDGES AND THE COST OF ANCHORING SHALL BE INCLUDED IN THE UNIT PRICE OF THE CRASH CUSHION.
13. USE WITH CUR. SEPIA 018 WHEN CONNECTING TO DOUBLE FACE GUARDRAIL.
14. PERMISSIBLE ALTERNATES FOR CRASH CUSHION TYPE VI-BT ARE PATENTED ITEMS: ENERGY ABSORPTION SYSTEMS, INC. OF CHICAGO, IL., TRINITY INDUSTRIES, INC. OF DALLAS, TX.
15. CRASH CUSHIONS ARE TO BE INSTALLED PER MANUFACTURER SPECIFICATIONS, INCLUDING THE CONCRETE PAD. THE MANUFACTURER SHALL FURNISH TWO (2) SETS OF SHOP DRAWINGS TO THE CONTRACTOR WITH EACH INSTALLATION.
16. NCHRP-350-COMPLIANT CRASH CUSHIONS WILL BE ACCEPTED IN INSTANCES WHERE MASH-COMPLIANT DEVICES ARE NOT YET AVAILABLE.

CLASS	SPEED (MPH)	ATTENUATOR		
		MODEL	PRODUCT NAME	LENGTH
B	45 & LESS	TL2	SHORTTRACC	14'-0"
	OVER 45	TL3	3-BAY QUADGUARD MIO	12'-0"
TRACC			21'-0"	
			5-BAY QUADGUARD MIO	18'-0"

A TYPE VI-CLASS C CAN BE USED AT THE CONTRACTOR'S DISCRETION.

USE WITH CUR. SEPIA 018 & SEPIA 020

KENTUCKY
DEPARTMENT OF HIGHWAYS

CRASH CUSHION
TYPE VI-BT

1-02-11
DATE

09

ACTING DIRECTOR DIVISION OF HIGHWAY DESIGN

Special Note for Fixed Completion Date and

Liquidated Damages

**WK-9001
OHIO COUNTY**

Contrary to Section 108.09, Liquidated Damages of \$5,000 per calendar day will be assessed for each day work remains incomplete beyond the Specified Project Completion Date. This project has a Fixed Project Completion Date of August 30th 2020.

**FE02 092 9001 B00072L
FE02 092 9001 B00072R
FE02 092 9001 B00130L
FE02 092 9001 B00130R
FE02 092 9001 B00133L
FE02 092 9001 B00133R
FE02 092 9001 B00134L
FE02 092 9001 B00134R**

Additionally, the contractor will be required to complete the bridge restoration activities on each individual structure and restoration of traffic to its original mainline WK-9001 configuration within 30 Calendar Days from the time that the date the initial lane closure is erected for each structure. The contractor may choose the starting date for this work on each structure.

Calendar Days will be tracked and charged from the time the initial lane closure is erected for each structure until such time that the contractor completes all items of work associated with the bridge restoration activities, approach paving, rumble strip installation, striping and safety appurtenances, and restores mainline traffic to its original configuration at each individual structure.

Liquidated Damages in the amount of \$5,000 per day will be assessed for each day or portion of a day that work remains incomplete on any individual structure in excess of 30 Calendar Days from the time of erection of the initial lane closure to begin work on the individual structure.

All penalties or Liquidated Damages will be assessed cumulatively, and charged concurrently when applicable.

Also contrary to Section 108, liquidated damages will be charged during the months of December through March.

**Asphalt Pavement Ride Quality
WK-9001
OHIO COUNTY**

Pavement Rideability Requirements will not apply on this project.

**SPECIAL NOTE FOR
ASPHALT MILLING AND TEXTURING
WK - 9001
OHIO COUNTY**

The Contractor will take possession of the millings. Do not allow traffic to drive on the milled surface on mainline WK – 9001.

Removal of the existing pavement markers prior to the milling operation is considered incidental to the bid item “Asphalt Pavement Milling and Texturing”.

Significant Project- Project Traffic Coordinator (PTC)

Be advised this project is a significant project pursuant to section 112.03.12.

SPECIAL NOTE FOR NON-TRACKING TACK COAT

1. DESCRIPTION AND USEAGE. This specification covers the requirements and practices for applying a non-tracking tack asphalt coating. Place this material on the existing pavement course, prior to placement of a new asphalt pavement layer. Use when expedited paving is necessary or when asphalt tracking would negatively impact the surrounding area. This material is not suitable for other uses. Ensure material can “break” within 15 minutes under conditions listed in 3.2.

2. MATERIALS, EQUIPMENT, AND PERSONNEL.

2.1 Non-Tracking Tack. Provide material conforming to Subsection 2.1.1.

2.1.1 Provide a tack conforming to the following material requirements:

Property	Specification	Test Procedure
Viscosity, SFS, 77 ° F	20 – 100	AASHTO T 72
Sieve, %	0.3 max.	AASHTO T 59
Asphalt Residue ¹ , %	50 min.	AASHTO T 59
Oil Distillate, %	1.0 max.	AASHTO T 59
Residue Penetration, 77 ° F	20 max.	AASHTO T 49
Original Dynamic Shear (G*/sin δ), 82 ° C	1.0 min.	AASHTO T 315
Softening Point, ° F	149 min.	AASHTO T 53
Solubility, %	97.5 min.	AASHTO T 44

¹ Bring sample to 212 °F over a 10-15 minute period. Maintain 212 °F for 15-20 minutes or until 30-40 mL of water has distilled. Continue distillation as specified in T59.

2.2. Equipment. Provide a distributor truck capable of heating, circulating, and spraying the tack between 170 °F and 180 °F. Do not exceed 180 °F. Circulate the material while heating. As required by the manufacturer, ensure the spray bar is equipped with #1 or #2 ¼” V-slot Etnyre nozzles. Other nozzles are not acceptable. Arrange the nozzles in the following patterns from left to right:

Nozzle number(s)	Activity	Orientation
1	On	Vertical
2	Off	-
3	On	Horizontal
4 & 5	Off	-
6	On	Horizontal
Continue 2 off and 1 on pattern through rest of spray bar system.		

Ensure the bar can be raised to between 14 and 18” from the roadway.

2.3 Personnel. Ensure the tack supplier has provided training to the contractor on the installation procedures for this product. Make a technical representative from the supplier available at the request of the Engineer.

3. CONSTRUCTION.

3.1 Surface Preparation. Prior to the application of the non-tracking tack, ensure the pavement surface is thoroughly dry and free from dust or any other debris that would inhibit adhesion. Clean the surface by scraping, sweeping, and the use of compressed air. Ensure this preparation process occurs shortly before application to prevent the return of debris pavement. If rain is expected within one hour after application, do not apply material. Apply material only when the surface is dry, and no precipitation is expected.

3.2 Non-tracking Tack Application. Ensure the roadway temperature is a minimum of 40 °F and rising during the application of the tack. This material is not suitable for use in colder temperatures. Prior to applying the tack, demonstrate competence in applying the tack according to this note to the satisfaction of the Engineer. Heat the tack in the distributor to between 170 – 180 °F. After initial heating to between 170 – 180 °F, the material may be sprayed between 165 °F and 180 °F. Do not apply outside this temperature range. Apply material at a rate of 0.50 pounds (0.06 gallons) per square yard. Ensure full coverage of the material on the pavement surface. Full coverage of this material is critical. If full coverage is not achieved, material application rate may be increased to ensure full coverage. Do not heat material more than twice in one day.

3.3 Non-tracking Tack Certification. Furnish the tacks certification to the Engineer stating the material conforms to all requirements herein prior to use.

3.4 Sampling and Testing. The Department will require a sample of non-tracking tack be taken from the distributor at a rate of one sample per 15,000 tons of mix. Take two 1 gallon samples of the heated material and forward the sample to the Division of Materials for testing within 7 days. Ensure the product temperature is between 170 and 180 °F at the time of sampling.

4. MEASUREMENT. The Department will measure the quantity of non-tracking tack in tons. The Department will not measure for payment any extra materials, labor, methods, equipment, or construction techniques used to satisfy the requirements of this note. The Department will not measure for payment any trial applications of non-tracking tack, the cleaning of the pavement surface, or furnishing and placing the adhesive. The Department will consider all such items incidental to the non-tracking tack.

5. PAYMENT. The Department will pay for the non-tracking tack at the Contract unit bid price and apply an adjustment for each manufacturer's lot of material based on the degree of compliance as defined in the following schedule. When a sample fails on two or more tests, the Department may add the deductions, but the total deduction will not exceed 100 percent.

Non-Tracking Tack Price Adjustment Schedule						
Test	Specification	100% Pay	90% Pay	80% Pay	50% Pay	0% Pay
Viscosity, SFS, 77 ° F	20 – 100	19 - 102	17 - 18	15 - 16	14	≤13
			103 - 105	106 - 107	108 - 109	≥ 110
Sieve, %	0.30 max.	≤ 0.40	0.41 - 0.50	0.51 - 0.60	0.61 - 0.70	≥ 0.71
Asphalt Residue, %	50 min.	≥49.0	48.5 – 48.9	48.0 – 48.4	47.5-47.9	≤ 47.4
Oil Distillate, %	1.0 max.	≤1.0	1.1-1.5	1.6 - 1.7	1.8-1.9	>2.0
Residue Penetration, 77 ° F	20 max.	≤ 21	22 - 23	24 - 25	26 - 27	≥ 28
Original Dynamic Shear (G*/sin δ), 82 ° C	1.0 min.	≥0.95	0.92 – 0.94	0.90 – 0.91	0.85 - 0.89	≤ 0.84
Softening Point, ° F	149 min.	≥145	142 - 144	140 - 141	138 - 139	≤ 137
Solubility, %	97.5 min.	≥ 97.0	96.8 – 96.9	96.6 – 96.7	96.4 – 96.5	≤ 96.3

<u>Code</u>	<u>Pay Item</u>	<u>Pay Unit</u>
24970EC	Asphalt Material for Tack Non-Tracking	Ton

April 30, 2018

REFERENCES

FE02 092 9001 B00072L
FE02 092 9001 B00072R
FE02 092 9001 B00130L
FE02 092 9001 B00130R
FE02 092 9001 B00133L
FE02 092 9001 B00133R
FE02 092 9001 B00134L
FE02 092 9001 B00134R

1. Kentucky Transportation Cabinet, Department of Highways, Standard Specifications for Road and Bridge Construction, Edition of 2019.
2. FHWA Manual on Uniform Traffic Control Devices – 2009 Edition.
3. Kentucky Department of Highways Standard Drawings, Current Edition, as applicable:

BJE-001-013	NEOPRENE EXPANSION DAMS AND ARMORED EDGE
RBM-020-09	DELINEATORS FOR CONCRETE BARRIERS
RBM-115-10	CONCRETE BARRIER WALL TYPE 9T (TEMPORARY)
TTC-100-04	LANE CLOSURE TWO LANE HIGHWAY
TTC-115-03	LANE CLOSURE MULTI-LANE HIGHWAY CASE I
TTC-120-03	LANE CLOSURE MULTI-LANE HIGHWAY CASE II
TTC-135-02	SHOULDER CLOSURE
TTC-160-02	TEMPORARY PAVEMENT MARKER ARRANGEMENTS FOR LANE CLOSURES
TTD-120-02	WORK ZONE SPEED LIMIT AND DOUBLE FINE SIGNS
TTD-125-02	PAVEMENT CONDITION WARNING SIGNS
TTS-110-01	MOBILE OPERATION FOR PAINT STRIPING CASE III
TTS-115-02	MOBILE OPERATION FOR PAINT STRIPING CASE IV
TTS-120-02	MOBILE OPERATION FOR DURABLE STRIPING CASE 1
SEPIA 008	RUMBLE STRIP DETAILS MULTI-LANE ROADWAYS AND RAMPS
SEPIA 013	GUARDRAIL CONNECTOR TO BRIDGE END TYPE A AND A1 COMPONENTS
SEPIA 015	GUARDRAIL CONNECTOR TO BRIDGE END TYPE A
SEPIA 016	GUARDRAIL CONNECTOR TO BRIDGE END TYPE A-1
SEPIA 021	CRASH CUSHION TYPE VI-BT
SEPIA 027	STEEL BEAM GUARDRAIL “W” BEAM
SEPIA 028	STEEL GUARDRAIL POSTS

REFERENCES

- FE02 092 9001 B00072L**
- FE02 092 9001 B00072R**
- FE02 092 9001 B00130L**
- FE02 092 9001 B00130R**
- FE02 092 9001 B00133L**
- FE02 092 9001 B00133R**
- FE02 092 9001 B00134L**
- FE02 092 9001 B00134R**

4. Kentucky Transportation Cabinet, Department of Highways, Standard Specifications for Road and Bridge Construction, Edition of 2019, Appendix B - Supplemental Specifications, as applicable:

- Special Note Fixed Completion Date and Liquidated Damages *attached*
- Special Note Asphalt Milling and Texturing *attached*
- Special Note Special Note for Significant Project *attached*
- Special Note Special Note for Non-Tracking Tack Coat *attached*
- Special Note Special Note for 3/8" Epoxy-Urethane Waterproofing Overlay for Bridge Decks *attached*
- Special Note Special Note for Replacing Expansion Dams and/or Installing Armored Edges for Concrete Bridges *attached*
- Special Note Special Note for Bridge Cleaning and Preventative Maintenance: Bearing Cleaning and Lubricating *attached*
- Special Note Special Note for Bridge Barrier Retrofit *attached*
- Special Note Special Note for Bridge Restoration and Waterproofing with Concrete Overlays *attached*
- Special Note Special Note for Replacing Compression Seal in Existing Expansion Joint *attached*
- Special Note Special Note for Bridge Demolition, Renovation and Asbestos Abatement *attached*

BRIDGE SUMMARY															
WESTERN KENTUCKY PARKWAY - OHIO COUNTY															
BID CODE	ITEM	NOTE	UNIT	QUANTITIES											
				MP 69.73 WKP OVER LEWIS CREEK 092B00134L/R		MP 72.42 WKP OVER KY 369 092B00133L/R		MP 76.74 WKP OVER NATCHER PKWY. 092B00072L/R		MP 85.76 WKP OVER KY 2713 092B00130L/R		TOTAL			
				EB	WB	EB	WB	EB	WB	EB	WB	EB	WB		
				R	L	R	L	R	L	R	L	R	L		
2363	GUARD. CONN. TO BRIDGE END TY A		EACH	-	-	-	-	2	2	-	-	-	-		
2372	REMOVE GUARDRAIL CON TO BR END	5	EACH	-	-	-	-	3	3	-	-	-	-		
2387	GUARD. CONN. TO BRIDGE END TY A-1		EACH	-	-	-	-	1	1	-	-	-	-		
2998	MASONRY COATING		SQ. YD.	-	-	-	-	260	260	-	-	-	-		
3293	EXPAN JOINT REPLACE 1 IN	1	LIN. FT.	92	92	34	34	-	-	86	86	86	86		
3294	EXPAN JOINT REPLACE 1.5 IN	1	LIN. FT.	-	-	-	-	85	85	-	-	-	-		
3298	EXPAN JOINT REPLACE 4.0 IN	1	LIN. FT.	-	-	34	34	-	-	-	-	-	-		
3299	ARMORED EDGE FOR CONCRETE		LIN. FT.	92	92	67	67	85	85	86	86	86	86		
6556	PAVE STRIPING-DUR TY 1-6 IN W		LIN. FT.	162.5	162.5	232.5	232.5	312.5	312.5	150.0	150.0	150.0	150.0		
6557	PAVE STRIPING-DUR TY 1-6 IN Y		LIN. FT.	130.0	130.0	186.0	186.0	250.0	250.0	120.0	120.0	120.0	120.0		
8504	EPOXY SAND SLURRY		SQ. YD.	60	60	249	249	100	100	58	58	58	58		
8510	REM EPOXY BIT FOREIGN OVERLAY		SQ. YD.	507	507	619	619	-	-	490	490	490	490		
8526	CONC CLASS M FULL DEPTH PATCH	3	CU. YD.	2.8	2.8	6.3	2.8	5.6	2.8	4.4	3.8	3.8	3.8		
8534	CONCRETE OVERLAY-LATEX		CU. YD.	28.2	28.2	34.4	34.4	-	-	20.4	20.4	20.4	20.4		
8549	BLAST CLEANING		SQ. YD.	567	567	868	868	1247	1247	548	548	548	548		
8551	MACHINE PREP OF SLAB		SQ. YD.	-	-	-	-	1147	1147	-	-	-	-		
23032EN	BRIDGE BARRIER RETROFIT		LIN. FT.	-	-	-	-	542	542	-	-	-	-		
23331EC	EPOXY-URETHANE WATERPROOFING		SQ. FT.	-	-	-	-	10322	10322	-	-	-	-		
23949EC	BRIDGE CLEANING AND PREV. MAINT.	4	LS	-	-	1	1	1	1	-	-	-	-		
24094EC	PARTIAL DEPTH PATCHING	2	CU. YD.	0.8	0.8	1.0	1.0	1.9	1.9	0.8	0.8	0.8	0.8		

BRIDGE SUMMARY													
WESTERN KENTUCKY PARKWAY - OHIO COUNTY													
BID CODE	ITEM	NOTE	UNIT	QUANTITIES								TOTAL	
				MP 69.73 WKP OVER LEWIS CREEK 092B00134L/R	MP 72.42 WKP OVER KY 369 092B00133L/R	MP 76.74 WKP OVER NATCHER PKWY. 092B00072L/R	MP 85.76 WKP OVER KY 2713 092B00130L/R						
2562	TEMPORARY SIGNS		SQ. FT.	149	149	149	149	149	149	149	149	149	1,192
2650	MAINTAIN AND CONTROL TRAFFIC		LS	1	1	1	1	1	1	1	1	1	1
2003	RELOCATE TEMP CONC BARRIER		LIN. FT.	480	420	380	380	480	480	480	480	480	3,520
2671	PORTABLE CHANGEABLE MESSAGE SIGN		EACH	1	1	1	1	1	1	1	1	1	8
2775	ARROW PANEL		EACH	1	1	1	1	1	1	1	1	1	8
3171	CONCRETE BARRIER WALL TYPE 9T		LIN. FT.	480	420	400	400	480	480	480	480	480	3,560
6549	PAVE STRIPING - TEMP REM TAPE-B		LIN. FT.	2280	1610	780	780	2280	2280	2280	2280	2280	13,900
6556	PAVE STRIPING-DUR TY 1-6 IN W		LIN. FT.	162.5	232.5	312.5	312.5	162.5	150	150	150	150	1,715
6557	PAVE STRIPING-DUR TY 1-6 IN Y		LIN. FT.	130	186	250	250	130	120	120	120	120	1,372
8150	STEEL REINFORCEMENT		LBS.	300	300	300	300	300	300	300	300	300	2,400
6550	PAVE STRIPING - TEMP REM TAPE-W		LIN. FT.	3240	2875	6070	6070	3240	3240	3240	3240	3240	30,850
6551	PAVE STRIPING - TEMP REM TAPE-Y		LIN. FT.	3365	2875	4600	4600	3365	3365	3365	3365	3365	28,410
8903	CRASH CUSHION TY VI CLASS BT TL3		EACH	1	1	1	1	1	1	1	1	1	8
2898	RELOCATE CRASH CUSHION		EACH	1	1	1	1	1	1	1	1	1	8
1984	DELINEATOR FOR BARRIER - WHITE		EACH	33	27	33	33	33	33	33	33	33	252
1985	DELINEATOR FOR BARRIER - YELLOW		EACH	33	30	32	32	33	33	33	33	33	256
2014	BARRICADE-TYPE III		EACH	1	1	1	1	1	1	1	1	1	8
20099ES842	PAVE MARK TEMP PAINT STOP BAR		LIN. FT.	0	0	80	80	0	0	0	0	0	160
2676	MOBILIZATION FOR MILL & TEXT		LS	1	1	1	1	1	1	1	1	1	8
2677	ASPHALT PAVE MILLING & TEXTURING		TONS	505	124	209	209	505	505	505	505	505	2,686
0219	CL4 ASPH BASE 1.00D PG76-22		TONS	505	124	209	209	505	505	505	505	505	2,686
2696	SHOULDER RUMBLE STRIPS		LIN. FT.	1500	840	500	500	1500	1500	1500	1500	1500	8,680
24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING		TONS	0.6	0.2	0.3	0.3	0.6	0.6	0.6	0.6	0.6	3

NOTES:

1. EXPANSION JOINT REPLACEMENT SIZE BASED ON EXISTING PLANS. CONTRACTOR SHALL FIELD VERIFY JOINT SEAL WIDTH BEFORE ORDERING MATERIAL.
2. PARTIAL DEPTH QUANTITY IS BASED ON APPROXIMATE ESTIMATE OF 0.50% OF THE OVERALL OVERLAY AREA.
3. FULL DEPTH CONCRETE PATCHING QUANTITY BASED ON VISUAL INSPECTION OF EACH BRIDGE.
4. BRIDGE CLEANING & PREVENTATIVE MAINTENANCE CORRESPONDS TO THE CLEANING AND LUBRICATION OF ALL MOVEABLE BEARINGS. SEE THE SPECIAL NOTE FOR BEARING CLEANING AND LUBRICATION.
5. SHALL INCLUDE REMOVAL OF 25' OF GUARDRAIL.

MATERIAL SUMMARY

CONTRACT ID: 192605

092GR19M050 - FE02

MB09290011903

WK 9001 WB (MP 76.74). BRIDGE OVER NATCHER PKWY BRIDGE DECK RESTORATION & WATERPROOFING.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0005	24094EC	PARTIAL DEPTH PATCHING	1.90	CUYD
0010	02569	DEMOBILIZATION	1.00	LS
0015	02363	GUARDRAIL CONNECTOR TO BRIDGE END TY A	2.00	EACH
0020	02372	REMOVE GUARDRAIL CON TO BR END	3.00	EACH
0025	02387	GUARDRAIL CONNECTOR TO BRIDGE END TY A-1	1.00	EACH
0030	02998	MASONRY COATING	260.00	SQYD
0035	03294	EXPAN JOINT REPLACE 1 1/2 IN	85.00	LF
0040	03299	ARMORED EDGE FOR CONCRETE	85.00	LF
0045	06556	PAVE STRIPING-DUR TY 1-6 IN W	312.50	LF
0050	06557	PAVE STRIPING-DUR TY 1-6 IN Y	250.00	LF
0055	08504	EPOXY SAND SLURRY	100.00	SQYD
0060	08510	REM EPOXY BIT FOREIGN OVERLAY	1,147.00	SQYD
0065	08526	CONC CLASS M FULL DEPTH PATCH	2.80	CUYD
0070	08549	BLAST CLEANING	1,247.00	SQYD
0075	08551	MACHINE PREP OF SLAB	1,147.00	SQYD
0080	23032EN	BRIDGE BARRIER RETROFIT	542.00	LF
0085	23331EC	EPOXY-URETHANE WATERPROOFING	10,322.00	SQFT
0090	23949EC	BRIDGE CLEANING & PREVENTIVE MAINTENANCE - APPLIES TO 092B00072L	1.00	LS
0095	02650	MAINTAIN & CONTROL TRAFFIC - APPLIES TO 092B00072L	1.00	LS
0100	02562	TEMPORARY SIGNS - (ADDED: 6-17-2019)	149.00	SQFT
0105	02003	RELOCATE TEMP CONC BARRIER - (ADDED: 6-17-2019)	380.00	LF
0110	02671	PORTABLE CHANGEABLE MESSAGE SIGN - (ADDED: 6-17-2019)	1.00	EACH
0115	02775	ARROW PANEL - (ADDED: 6-17-2019)	1.00	EACH
0120	03171	CONCRETE BARRIER WALL TYPE 9T - (ADDED: 6-17-2019)	400.00	LF
0125	06549	PAVE STRIPING-TEMP REM TAPE-B - (ADDED: 6-17-2019)	780.00	LF
0130	08150	STEEL REINFORCEMENT - (ADDED: 6-17-2019)	300.00	LB
0135	06550	PAVE STRIPING-TEMP REM TAPE-W - (ADDED: 6-17-2019)	6,070.00	LF
0140	06551	PAVE STRIPING-TEMP REM TAPE-Y - (ADDED: 6-17-2019)	4,600.00	LF
0145	08903	CRASH CUSHION TY VI CLASS BT TL3 - (ADDED: 6-17-2019)	1.00	EACH
0150	02898	RELOCATE CRASH CUSHION - (ADDED: 6-17-2019)	1.00	EACH
0155	01984	DELINEATOR FOR BARRIER - WHITE - (ADDED: 6-17-2019)	33.00	EACH
0160	01985	DELINEATOR FOR BARRIER - YELLOW - (ADDED: 6-17-2019)	32.00	EACH
0165	02014	BARRICADE-TYPE III - (ADDED: 6-17-2019)	1.00	EACH
0170	20099ES842	PAVE MARK TEMP PAINT STOP BAR - (ADDED: 6-17-2019)	80.00	LF

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0175	02676	MOBILIZATION FOR MILL & TEXT - (B000072L) (ADDED: 6-17-2019)	1.00	LS
0180	02677	ASPHALT PAVE MILLING & TEXTURING - (ADDED: 6-17-2019)	209.00	TON
0185	00219	CL4 ASPH BASE 1.00D PG76-22 - (ADDED: 6-17-2019)	209.00	TON
0190	02696	SHOULDER RUMBLE STRIPS - (ADDED: 6-17-2019)	500.00	LF
0195	24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING - (ADDED: 6-17-2019)	.30	TON

CONTRACT ID: 192605**092GR19M050 - FE02****MB09290011904**

WK 9001 EB (MP 76.74). BRIDGE OVER NATCHER PKWY BRIDGE DECK RESTORATION & WATERPROOFING.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0200	02363	GUARDRAIL CONNECTOR TO BRIDGE END TY A	2.00	EACH
0205	02372	REMOVE GUARDRAIL CON TO BR END	3.00	EACH
0210	02387	GUARDRAIL CONNECTOR TO BRIDGE END TY A-1	1.00	EACH
0215	02998	MASONRY COATING	260.00	SQYD
0220	03294	EXPAN JOINT REPLACE 1 1/2 IN	85.00	LF
0225	03299	ARMORED EDGE FOR CONCRETE	85.00	LF
0230	06556	PAVE STRIPING-DUR TY 1-6 IN W	312.50	LF
0235	06557	PAVE STRIPING-DUR TY 1-6 IN Y	250.00	LF
0240	08504	EPOXY SAND SLURRY	100.00	SQYD
0245	08510	REM EPOXY BIT FOREIGN OVERLAY	1,147.00	SQYD
0250	08526	CONC CLASS M FULL DEPTH PATCH	5.60	CUYD
0255	08549	BLAST CLEANING	1,247.00	SQYD
0260	08551	MACHINE PREP OF SLAB	1,147.00	SQYD
0265	23032EN	BRIDGE BARRIER RETROFIT	542.00	LF
0270	23331EC	EPOXY-URETHANE WATERPROOFING	10,322.00	SQFT
0275	23949EC	BRIDGE CLEANING & PREVENTIVE MAINTENANCE - APPLIES TO 092B00072R	1.00	LS
0280	24094EC	PARTIAL DEPTH PATCHING	1.90	CUYD
0285	02569	DEMOBILIZATION	1.00	LS
0290	02650	MAINTAIN & CONTROL TRAFFIC - APPLIES TO 092B00072R	1.00	LS
0295	02562	TEMPORARY SIGNS - (ADDED: 6-17-2019)	149.00	SQFT
0300	02003	RELOCATE TEMP CONC BARRIER - (ADDED: 6-17-2019)	380.00	LF
0305	02671	PORTABLE CHANGEABLE MESSAGE SIGN - (ADDED: 6-17-2019)	1.00	EACH
0310	02775	ARROW PANEL - (ADDED: 6-17-2019)	1.00	EACH
0315	03171	CONCRETE BARRIER WALL TYPE 9T - (ADDED: 6-17-2019)	400.00	LF
0320	06549	PAVE STRIPING-TEMP REM TAPE-B - (ADDED: 6-17-2019)	780.00	LF
0325	08150	STEEL REINFORCEMENT - (ADDED: 6-17-2019)	300.00	LB
0330	06550	PAVE STRIPING-TEMP REM TAPE-W - (ADDED: 6-17-2019)	6,070.00	LF

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0335	06551	PAVE STRIPING-TEMP REM TAPE-Y - (ADDED: 6-17-2019)	4,600.00	LF
0340	08903	CRASH CUSHION TY VI CLASS BT TL3 - (ADDED: 6-17-2019)	1.00	EACH
0345	02898	RELOCATE CRASH CUSHION - (ADDED: 6-17-2019)	1.00	EACH
0350	01984	DELINEATOR FOR BARRIER - WHITE - (ADDED: 6-17-2019)	33.00	EACH
0355	01985	DELINEATOR FOR BARRIER - YELLOW - (ADDED: 6-17-2019)	32.00	EACH
0360	02014	BARRICADE-TYPE III - (ADDED: 6-17-2019)	1.00	EACH
0365	20099ES842	PAVE MARK TEMP PAINT STOP BAR - (ADDED: 6-17-2019)	80.00	LF
0370	02676	MOBILIZATION FOR MILL & TEXT - (B00072R) (ADDED: 6-17-2019)	1.00	LS
0375	02677	ASPHALT PAVE MILLING & TEXTURING - (ADDED: 6-17-2019)	209.00	TON
0380	00219	CL4 ASPH BASE 1.00D PG76-22 - (ADDED: 6-17-2019)	209.00	TON
0385	02696	SHOULDER RUMBLE STRIPS - (ADDED: 6-17-2019)	500.00	LF
0390	24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING - (ADDED: 6-17-2019)	.30	TON

MATERIAL SUMMARY**CONTRACT ID: 192605****092GR19M050 - FE02****MB09290011905**

WK 9001 WB (MP 85.76). BRIDGE OVER KY-2713 BRIDGE DECK RESTORATION & WATERPROOFING.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0395	03299	ARMORED EDGE FOR CONCRETE	86.00	LF
0400	06556	PAVE STRIPING-DUR TY 1-6 IN W	150.00	LF
0405	06557	PAVE STRIPING-DUR TY 1-6 IN Y	120.00	LF
0410	08504	EPOXY SAND SLURRY	58.00	SQYD
0415	08510	REM EPOXY BIT FOREIGN OVERLAY	490.00	SQYD
0420	08526	CONC CLASS M FULL DEPTH PATCH	3.80	CUYD
0425	08549	BLAST CLEANING	548.00	SQYD
0430	08551	MACHINE PREP OF SLAB	490.00	SQYD
0435	24094EC	PARTIAL DEPTH PATCHING	.80	CUYD
0440	02569	DEMOBILIZATION	1.00	LS
0445	03293	EXPAN JOINT REPLACE 1 IN	86.00	LF
0450	08534	CONCRETE OVERLAY-LATEX	20.40	CUYD
0455	02650	MAINTAIN & CONTROL TRAFFIC - APPLIES TO BRIDGE 092B000130L	1.00	LS
0460	02562	TEMPORARY SIGNS - (ADDED: 6-17-2019)	149.00	SQFT
0465	02003	RELOCATE TEMP CONC BARRIER - (ADDED: 6-17-2019)	480.00	LF
0470	02671	PORTABLE CHANGEABLE MESSAGE SIGN - (ADDED: 6-17-2019)	1.00	EACH
0475	02775	ARROW PANEL - (ADDED: 6-17-2019)	1.00	EACH
0480	03171	CONCRETE BARRIER WALL TYPE 9T - (ADDED: 6-17-2019)	480.00	LF
0485	06549	PAVE STRIPING-TEMP REM TAPE-B - (ADDED: 6-17-2019)	2,280.00	LF
0490	08150	STEEL REINFORCEMENT - (ADDED: 6-17-2019)	300.00	LB
0495	06550	PAVE STRIPING-TEMP REM TAPE-W - (ADDED: 6-17-2019)	3,240.00	LF
0500	06551	PAVE STRIPING-TEMP REM TAPE-Y - (ADDED: 6-17-2019)	3,365.00	LF
0505	08903	CRASH CUSHION TY VI CLASS BT TL3 - (ADDED: 6-17-2019)	1.00	EACH
0510	02898	RELOCATE CRASH CUSHION - (ADDED: 6-17-2019)	1.00	EACH
0515	01984	DELINEATOR FOR BARRIER - WHITE - (ADDED: 6-17-2019)	33.00	EACH
0520	01985	DELINEATOR FOR BARRIER - YELLOW - (ADDED: 6-17-2019)	33.00	EACH
0525	02014	BARRICADE-TYPE III - (ADDED: 6-17-2019)	1.00	EACH
0530	02676	MOBILIZATION FOR MILL & TEXT - (B00130L) (ADDED: 6-17-2019)	1.00	LS
0535	02677	ASPHALT PAVE MILLING & TEXTURING - (ADDED: 6-17-2019)	505.00	TON
0540	00219	CL4 ASPH BASE 1.00D PG76-22 - (ADDED: 6-17-2019)	505.00	TON
0545	02696	SHOULDER RUMBLE STRIPS - (ADDED: 6-17-2019)	1,500.00	LF
0550	24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING - (ADDED: 6-17-2019)	.60	TON

MATERIAL SUMMARY**CONTRACT ID: 192605****092GR19M050 - FE02****MB09290011906**

WK 9001 EB (MP 85.76). BRIDGE OVER KY-2713 BRIDGE DECK RESTORATION & WATERPROOFING.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0555	02650	MAINTAIN & CONTROL TRAFFIC - APPLIES TO BRIDGE 092B000130R	1.00	LS
0560	03293	EXPAN JOINT REPLACE 1 IN	86.00	LF
0565	03299	ARMORED EDGE FOR CONCRETE	86.00	LF
0570	06556	PAVE STRIPING-DUR TY 1-6 IN W	150.00	LF
0575	06557	PAVE STRIPING-DUR TY 1-6 IN Y	120.00	LF
0580	08504	EPOXY SAND SLURRY	58.00	SQYD
0585	08510	REM EPOXY BIT FOREIGN OVERLAY	490.00	SQYD
0590	08526	CONC CLASS M FULL DEPTH PATCH	4.40	CUYD
0595	08534	CONCRETE OVERLAY-LATEX	20.40	CUYD
0600	08549	BLAST CLEANING	548.00	SQYD
0605	08551	MACHINE PREP OF SLAB	490.00	SQYD
0610	24094EC	PARTIAL DEPTH PATCHING	.80	CUYD
0615	02569	DEMOBILIZATION	1.00	LS
0620	02562	TEMPORARY SIGNS - (ADDED: 6-17-2019)	149.00	SQFT
0625	02003	RELOCATE TEMP CONC BARRIER - (ADDED: 6-17-2019)	480.00	LF
0630	02671	PORTABLE CHANGEABLE MESSAGE SIGN - (ADDED: 6-17-2019)	1.00	EACH
0635	02775	ARROW PANEL - (ADDED: 6-17-2019)	1.00	EACH
0640	03171	CONCRETE BARRIER WALL TYPE 9T - (ADDED: 6-17-2019)	480.00	LF
0645	06549	PAVE STRIPING-TEMP REM TAPE-B - (ADDED: 6-17-2019)	2,280.00	LF
0650	08150	STEEL REINFORCEMENT - (ADDED: 6-17-2019)	300.00	LB
0655	06550	PAVE STRIPING-TEMP REM TAPE-W - (ADDED: 6-17-2019)	3,240.00	LF
0660	06551	PAVE STRIPING-TEMP REM TAPE-Y - (ADDED: 6-17-2019)	3,365.00	LF
0665	08903	CRASH CUSHION TY VI CLASS BT TL3 - (ADDED: 6-17-2019)	1.00	EACH
0670	02898	RELOCATE CRASH CUSHION - (ADDED: 6-17-2019)	1.00	EACH
0675	01984	DELINEATOR FOR BARRIER - WHITE - (ADDED: 6-17-2019)	33.00	EACH
0680	01985	DELINEATOR FOR BARRIER - YELLOW - (ADDED: 6-17-2019)	33.00	EACH
0685	02014	BARRICADE-TYPE III - (ADDED: 6-17-2019)	1.00	EACH
0690	02676	MOBILIZATION FOR MILL & TEXT - (B00130R) (ADDED: 6-17-2019)	1.00	LS
0695	02677	ASPHALT PAVE MILLING & TEXTURING - (ADDED: 6-17-2019)	505.00	TON
0700	00219	CL4 ASPH BASE 1.00D PG76-22 - (ADDED: 6-17-2019)	505.00	TON
0705	02696	SHOULDER RUMBLE STRIPS - (ADDED: 6-17-2019)	1,500.00	LF
0710	24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING - (ADDED: 6-17-2019)	.60	TON

MATERIAL SUMMARY

CONTRACT ID: 192605

092GR19M050 - FE02

MB09290011907

WK 9001 WB (MP 74.59). BRIDGE OVER US 231 BRIDGE SUPERSTRUCTURE REPLACEMENT.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0715	02650	MAINTAIN & CONTROL TRAFFIC - APPLIES TO BRIDGE 092B000132L	1.00	LS
0720	03299	ARMORED EDGE FOR CONCRETE	77.80	LF
0725	02569	DEMOBILIZATION	1.00	LS
0730	08100	CONCRETE-CLASS A	93.50	CUYD
0735	08104	CONCRETE-CLASS AA	169.00	CUYD
0740	08150	STEEL REINFORCEMENT	15,656.00	LB
0745	08151	STEEL REINFORCEMENT-EPOXY COATED	51,489.50	LB
0750	08020	CRUSHED AGGREGATE SLOPE PROT	130.50	TON
0755	02231	STRUCTURE GRANULAR BACKFILL	102.00	CUYD
0760	02998	MASONRY COATING	739.50	SQYD
0765	08669	PRECAST PC BOX BEAM SB21	507.25	LF
0770	25028ED	RAIL SYSTEM SINGLE SLOPE - 40 IN	259.00	LF
0775	02403	REMOVE CONCRETE MASONRY	67.00	CUYD
0780	00001	DGA BASE	100.00	TON
0785	00100	ASPHALT SEAL AGGREGATE	7.50	TON
0790	00103	ASPHALT SEAL COAT	1.00	TON
0795	00194	LEVELING & WEDGING PG76-22	37.50	TON
0800	00219	CL4 ASPH BASE 1.00D PG76-22	110.00	TON
0805	00335	CL4 ASPH SURF 0.50A PG76-22	298.00	TON
0810	02677	ASPHALT PAVE MILLING & TEXTURING	298.00	TON
0815	20071EC	JOINT ADHESIVE	1,666.00	LF
0820	24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING	1.50	TON
0825	01982	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	7.00	EACH
0830	01987	DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	4.50	EACH
0835	02351	GUARDRAIL-STEEL W BEAM-S FACE	387.50	LF
0840	02352	GUARDRAIL-STEEL W BEAM-D FACE	137.50	LF
0845	02363	GUARDRAIL CONNECTOR TO BRIDGE END TY A	2.00	EACH
0850	02365	CRASH CUSHION TYPE IX-A	1.00	EACH
0855	02367	GUARDRAIL END TREATMENT TYPE 1	2.00	EACH
0860	02381	REMOVE GUARDRAIL	537.50	LF
0865	25025ED	THRIE BEAM GUARDRAIL TRANSITION TL-3	3.00	LF
0870	02360	GUARDRAIL TERMINAL SECTION NO 1	1.00	EACH
0875	02159	TEMP DITCH	337.50	LF
0880	02160	CLEAN TEMP DITCH	168.75	LF
0885	02703	SILT TRAP TYPE A	3.00	EACH
0890	02704	SILT TRAP TYPE B	1.00	EACH
0895	02705	SILT TRAP TYPE C	1.00	EACH
0900	02706	CLEAN SILT TRAP TYPE A	3.00	EACH
0905	02707	CLEAN SILT TRAP TYPE B	1.00	EACH
0910	02708	CLEAN SILT TRAP TYPE C	1.00	EACH
0915	05950	EROSION CONTROL BLANKET	1,210.00	SQYD
0920	05952	TEMP MULCH	806.50	SQYD

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0925	05953	TEMP SEEDING AND PROTECTION	605.00	SQYD
0930	05963	INITIAL FERTILIZER	.15	TON
0935	05964	MAINTENANCE FERTILIZER	.10	TON
0940	05989	SPECIAL SEEDING CROWN VETCH	145.00	SQYD
0945	05992	AGRICULTURAL LIMESTONE	.05	TON
0950	40030	TEMPORARY SILT FENCE	605.00	LF
0955	02562	TEMPORARY SIGNS	500.00	SQFT
0960	02671	PORTABLE CHANGEABLE MESSAGE SIGN	3.00	EACH
0965	02676	MOBILIZATION FOR MILL & TEXT - (B00132L)	1.00	LS
0970	02775	ARROW PANEL	1.00	EACH
0975	23010EN	PAVE MARK TEMP PAINT STOP BAR-24 IN	38.00	LF
0980	04933	TEMP SIGNAL 2 PHASE	1.00	EACH
0985	06511	PAVE STRIPING-TEMP PAINT-6 IN	7,750.00	LF
0990	06542	PAVE STRIPING-THERMO-6 IN W	1,511.50	LF
0995	06543	PAVE STRIPING-THERMO-6 IN Y	1,090.50	LF
1000	06556	PAVE STRIPING-DUR TY 1-6 IN W	200.00	LF
1005	06557	PAVE STRIPING-DUR TY 1-6 IN Y	150.00	LF
1010	24489EC	INLAID PAVEMENT MARKER	21.00	EACH
1015	06568	PAVE MARKING-THERMO STOP BAR-24IN	25.50	LF
1020	23265ES717	PAVE MARK TY 1 TAPE STOP BAR-24 IN	34.50	LF
1025	06574	PAVE MARKING-THERMO CURV ARROW	4.00	EACH
1030	02545	CLEARING AND GRUBBING - APPLIES TO 092B00132L	1.00	LS
1035	02726	STAKING - (B00132L)	1.00	LS
1040	02696	SHOULDER RUMBLE STRIPS	816.00	LF
1045	21451ED	FILL AND GRADE MEDIAN	250.00	LF
1050	20191ED	OBJECT MARKER TY 3	2.00	EACH
1055	02091	REMOVE PAVEMENT	125.00	SQYD
1060	02023	JPC PAVEMENT-9 IN/24	125.00	SQYD
1065	01984	DELINEATOR FOR BARRIER - WHITE	8.00	EACH
1070	01985	DELINEATOR FOR BARRIER - YELLOW	4.00	EACH
1075	01691	FLUME INLET TYPE 2	1.00	EACH
1080	01890	ISLAND HEADER CURB TYPE 1	17.00	LF
1085	02165	REMOVE PAVED DITCH	41.50	SQYD
1090	02484	CHANNEL LINING CLASS III	57.00	TON
1095	24894EC	REMOVE - REMOVE FLUME - APPLIES TO 092B00132L	1.00	EACH
1100	08301	REMOVE SUPERSTRUCTURE - APPLIES TO 092B00132L	1.00	LS

CONTRACT ID: 192605**092GR19M050 - FE02****MB09290011908**

WK 9001 EB (MP 74.59). BRIDGE OVER US231 BRIDGE SUPERSTRUCTURE REPLACEMENT.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
1105	02650	MAINTAIN & CONTROL TRAFFIC - APPLIES TO BRIDGE 092B000132R	1.00	LS
1110	03299	ARMORED EDGE FOR CONCRETE	77.80	LF

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
1115	02569	DEMOBILIZATION	1.00	LS
1120	08100	CONCRETE-CLASS A	93.50	CUYD
1125	08104	CONCRETE-CLASS AA	169.00	CUYD
1130	08150	STEEL REINFORCEMENT	15,656.00	LB
1135	08151	STEEL REINFORCEMENT-EPOXY COATED	51,489.50	LB
1140	02998	MASONRY COATING	739.50	SQYD
1145	08020	CRUSHED AGGREGATE SLOPE PROT	130.50	TON
1150	02231	STRUCTURE GRANULAR BACKFILL	102.00	CUYD
1155	08669	PRECAST PC BOX BEAM SB21	507.25	LF
1160	25028ED	RAIL SYSTEM SINGLE SLOPE - 40 IN	259.00	LF
1165	02403	REMOVE CONCRETE MASONRY	67.00	CUYD
1170	00001	DGA BASE	100.00	TON
1175	00103	ASPHALT SEAL COAT	1.00	TON
1180	00194	LEVELING & WEDGING PG76-22	37.50	TON
1185	00219	CL4 ASPH BASE 1.00D PG76-22	110.00	TON
1190	00335	CL4 ASPH SURF 0.50A PG76-22	298.00	TON
1195	02677	ASPHALT PAVE MILLING & TEXTURING	298.00	TON
1200	20071EC	JOINT ADHESIVE	1,666.00	LF
1205	24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING	1.50	TON
1210	01982	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	7.00	EACH
1215	01987	DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	4.50	EACH
1220	02351	GUARDRAIL-STEEL W BEAM-S FACE	387.50	LF
1225	02352	GUARDRAIL-STEEL W BEAM-D FACE	137.50	LF
1230	02363	GUARDRAIL CONNECTOR TO BRIDGE END TY A	2.00	EACH
1235	02365	CRASH CUSHION TYPE IX-A	1.00	EACH
1240	02367	GUARDRAIL END TREATMENT TYPE 1	2.00	EACH
1245	02381	REMOVE GUARDRAIL	537.50	LF
1250	25025ED	THRIE BEAM GUARDRAIL TRANSITION TL-3	3.00	LF
1255	02360	GUARDRAIL TERMINAL SECTION NO 1	1.00	EACH
1260	02159	TEMP DITCH	337.50	LF
1265	02703	SILT TRAP TYPE A	3.00	EACH
1270	02704	SILT TRAP TYPE B	1.00	EACH
1275	02705	SILT TRAP TYPE C	1.00	EACH
1280	02706	CLEAN SILT TRAP TYPE A	3.00	EACH
1285	02707	CLEAN SILT TRAP TYPE B	1.00	EACH
1290	02708	CLEAN SILT TRAP TYPE C	1.00	EACH
1295	05950	EROSION CONTROL BLANKET	1,210.00	SQYD
1300	05952	TEMP MULCH	806.50	SQYD
1305	05953	TEMP SEEDING AND PROTECTION	605.00	SQYD
1310	05963	INITIAL FERTILIZER	.15	TON
1315	05964	MAINTENANCE FERTILIZER	.10	TON
1320	05989	SPECIAL SEEDING CROWN VETCH	145.00	SQYD
1325	05992	AGRICULTURAL LIMESTONE	.05	TON
1330	40030	TEMPORARY SILT FENCE	605.00	LF
1335	02562	TEMPORARY SIGNS	500.00	SQFT
1340	02671	PORTABLE CHANGEABLE MESSAGE SIGN	3.00	EACH
1345	02676	MOBILIZATION FOR MILL & TEXT - (B00132R)	1.00	LS
1350	02775	ARROW PANEL	1.00	EACH
1355	23010EN	PAVE MARK TEMP PAINT STOP BAR-24 IN	38.00	LF

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
1360	04933	TEMP SIGNAL 2 PHASE	1.00	EACH
1365	06511	PAVE STRIPING-TEMP PAINT-6 IN	7,750.00	LF
1370	06542	PAVE STRIPING-THERMO-6 IN W	1,511.50	LF
1375	06543	PAVE STRIPING-THERMO-6 IN Y	1,090.50	LF
1380	06556	PAVE STRIPING-DUR TY 1-6 IN W	200.00	LF
1385	06557	PAVE STRIPING-DUR TY 1-6 IN Y	150.00	LF
1390	24489EC	INLAID PAVEMENT MARKER	21.00	EACH
1395	06568	PAVE MARKING-THERMO STOP BAR-24IN	25.50	LF
1400	23265ES717	PAVE MARK TY 1 TAPE STOP BAR-24 IN	34.50	LF
1405	06574	PAVE MARKING-THERMO CURV ARROW	4.00	EACH
1410	02545	CLEARING AND GRUBBING - APPLIES TO 092B00132R	1.00	LS
1415	02726	STAKING - (B00132R)	1.00	LS
1420	02696	SHOULDER RUMBLE STRIPS	816.00	LF
1425	21451ED	FILL AND GRADE MEDIAN	250.00	LF
1430	20191ED	OBJECT MARKER TY 3	2.00	EACH
1435	02091	REMOVE PAVEMENT	125.00	SQYD
1440	02023	JPC PAVEMENT-9 IN/24	125.00	SQYD
1445	01984	DELINEATOR FOR BARRIER - WHITE	8.00	EACH
1450	01985	DELINEATOR FOR BARRIER - YELLOW	4.00	EACH
1455	01691	FLUME INLET TYPE 2	1.00	EACH
1460	01890	ISLAND HEADER CURB TYPE 1	17.00	LF
1465	02165	REMOVE PAVED DITCH	41.50	SQYD
1470	02484	CHANNEL LINING CLASS III	57.00	TON
1475	24894EC	REMOVE - REMOVE FLUME - APPLIES TO 092B00132R	1.00	EACH
1480	08301	REMOVE SUPERSTRUCTURE - APPLIES TO 092B00132R	1.00	LS

CONTRACT ID: 192605**092GR19M050 - FE02****MB09290011909**

WK 9001 WB (MP 72.42). BRIDGE OVER KY-369 BRIDGE DECK RESTORATION & WATERPROOFING.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
1485	02650	MAINTAIN & CONTROL TRAFFIC - APPLIES TO BRIDGE 092B000133L	1.00	LS
1490	03299	ARMORED EDGE FOR CONCRETE	67.00	LF
1495	06556	PAVE STRIPING-DUR TY 1-6 IN W	232.50	LF
1500	06557	PAVE STRIPING-DUR TY 1-6 IN Y	186.00	LF
1505	08504	EPOXY SAND SLURRY	249.00	SQYD
1510	08534	CONCRETE OVERLAY-LATEX	34.40	CUYD
1515	02569	DEMOBILIZATION	1.00	LS
1520	03293	EXPAN JOINT REPLACE 1 IN	34.00	LF
1525	03298	EXPAN JOINT REPLACE 4 IN	34.00	LF
1530	08510	REM EPOXY BIT FOREIGN OVERLAY	619.00	SQYD
1535	08526	CONC CLASS M FULL DEPTH PATCH	2.80	CUYD
1540	08549	BLAST CLEANING	868.00	SQYD
1545	08551	MACHINE PREP OF SLAB	619.00	SQYD

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
1550	23949EC	BRIDGE CLEANING & PREVENTIVE MAINTENANCE - APPLIES TO 093B00133L	1.00	LS
1555	24094EC	PARTIAL DEPTH PATCHING	1.00	CUYD
1560	02562	TEMPORARY SIGNS - (ADDED: 6-17-2019)	149.00	SQFT
1565	02003	RELOCATE TEMP CONC BARRIER - (ADDED: 6-17-2019)	420.00	LF
1570	02671	PORTABLE CHANGEABLE MESSAGE SIGN - (ADDED: 6-17-2019)	1.00	EACH
1575	02775	ARROW PANEL - (ADDED: 6-17-2019)	1.00	EACH
1580	03171	CONCRETE BARRIER WALL TYPE 9T - (ADDED: 6-17-2019)	420.00	LF
1585	06549	PAVE STRIPING-TEMP REM TAPE-B - (ADDED: 6-17-2019)	1,610.00	LF
1590	08150	STEEL REINFORCEMENT - (ADDED: 6-17-2019)	300.00	LB
1595	06550	PAVE STRIPING-TEMP REM TAPE-W - (ADDED: 6-17-2019)	2,875.00	LF
1600	06551	PAVE STRIPING-TEMP REM TAPE-Y - (ADDED: 6-17-2019)	2,875.00	LF
1605	08903	CRASH CUSHION TY VI CLASS BT TL3 - (ADDED: 6-17-2019)	1.00	EACH
1610	02898	RELOCATE CRASH CUSHION - (ADDED: 6-17-201)	1.00	EACH
1615	01984	DELINEATOR FOR BARRIER - WHITE - (ADDED: 6-17-2019)	27.00	EACH
1620	01985	DELINEATOR FOR BARRIER - YELLOW - (ADDED: 6-17-2019)	30.00	EACH
1625	02014	BARRICADE-TYPE III - (ADDED: 6-17-2019)	1.00	EACH
1630	02676	MOBILIZATION FOR MILL & TEXT - (B00133L) (ADDED: 6-17-2019)	1.00	LS
1635	02677	ASPHALT PAVE MILLING & TEXTURING - (ADDED: 6-17-2019)	124.00	TON
1640	00219	CL4 ASPH BASE 1.00D PG76-22 - (ADDED: 6-17-2019)	124.00	TON
1645	02696	SHOULDER RUMBLE STRIPS - (ADDED: 6-17-2019)	840.00	LF
1650	24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING - (ADDED: 6-17-2019)	.20	TON

CONTRACT ID: 192605**092GR19M050 - FE02****MB09290011910**

WK 9001 EB (MP 72.42). BRIDGE OVER KY-369 BRIDGE DECK RESTORATION & WATERPROOFING.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
1655	02650	MAINTAIN & CONTROL TRAFFIC - APPLIES TO BRIDGE 092B000133R	1.00	LS
1660	03293	EXPAN JOINT REPLACE 1 IN	34.00	LF
1665	03298	EXPAN JOINT REPLACE 4 IN	34.00	LF
1670	03299	ARMORED EDGE FOR CONCRETE	67.00	LF
1675	06556	PAVE STRIPING-DUR TY 1-6 IN W	232.50	LF
1680	06557	PAVE STRIPING-DUR TY 1-6 IN Y	186.00	LF
1685	08504	EPOXY SAND SLURRY	249.00	SQYD
1690	08510	REM EPOXY BIT FOREIGN OVERLAY	619.00	SQYD
1695	08526	CONC CLASS M FULL DEPTH PATCH	6.30	CUYD

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
1700	08534	CONCRETE OVERLAY-LATEX	34.40	CUYD
1705	08549	BLAST CLEANING	868.00	SQYD
1710	08551	MACHINE PREP OF SLAB	619.00	SQYD
1715	23949EC	BRIDGE CLEANING & PREVENTIVE MAINTENANCE - APPLIES TO 093B00133R	1.00	LS
1720	24094EC	PARTIAL DEPTH PATCHING	1.00	CUYD
1725	02569	DEMOBILIZATION	1.00	LS
1730	02562	TEMPORARY SIGNS - (ADDED: 6-17-2019)	149.00	SQFT
1735	02003	RELOCATE TEMP CONC BARRIER - (ADDED: 6-17-2019)	420.00	LF
1740	02671	PORTABLE CHANGEABLE MESSAGE SIGN - (ADDED: 6-17-2019)	1.00	EACH
1745	02775	ARROW PANEL - (ADDED: 6-17-2019)	1.00	EACH
1750	03171	CONCRETE BARRIER WALL TYPE 9T - (ADDED: 6-17-2019)	420.00	LF
1755	06549	PAVE STRIPING-TEMP REM TAPE-B - (ADDED: 6-17-2019)	1,610.00	LF
1760	08150	STEEL REINFORCEMENT - (ADDED: 6-17-2019)	300.00	LB
1765	06550	PAVE STRIPING-TEMP REM TAPE-W - (ADDED: 6-17-2019)	2,875.00	LF
1770	06551	PAVE STRIPING-TEMP REM TAPE-Y - (ADDED: 6-17-2019)	2,875.00	LF
1775	08903	CRASH CUSHION TY VI CLASS BT TL3 - (ADDED: 6-17-2019)	1.00	EACH
1780	02898	RELOCATE CRASH CUSHION - (ADDED: 6-17-2019)	1.00	EACH
1785	01984	DELINEATOR FOR BARRIER - WHITE - (ADDED: 6-17-2019)	27.00	EACH
1790	01985	DELINEATOR FOR BARRIER - YELLOW - (ADDED: 6-17-2019)	30.00	EACH
1795	02014	BARRICADE-TYPE III - (ADDED: 6-17-2019)	1.00	EACH
1800	02676	MOBILIZATION FOR MILL & TEXT - (B00133R) (ADDED: 6-17-2019)	1.00	LS
1805	02677	ASPHALT PAVE MILLING & TEXTURING - (ADDED: 6-17-2019)	124.00	TON
1810	00219	CL4 ASPH BASE 1.00D PG76-22 - (ADDED: 6-17-2019)	124.00	TON
1815	02696	SHOULDER RUMBLE STRIPS - (ADDED: 6-17-2019)	840.00	LF
1820	24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING - (ADDED: 6-17-2019)	.20	TON

MATERIAL SUMMARY**CONTRACT ID: 192605****092GR19M050 - FE02****MB09290011911**

WK 9001 WB (MP 69.73). BRIDGE OVER LEWIS CREEK BRIDGE DECK RESTORATION & WATERPROOFING.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
1825	02650	MAINTAIN & CONTROL TRAFFIC - APPLIES TO BRIDGE 092B000134L	1.00	LS
1830	03293	EXPAN JOINT REPLACE 1 IN	92.00	LF
1835	03299	ARMORED EDGE FOR CONCRETE	92.00	LF
1840	06556	PAVE STRIPING-DUR TY 1-6 IN W	162.50	LF
1845	06557	PAVE STRIPING-DUR TY 1-6 IN Y	130.00	LF
1850	08504	EPOXY SAND SLURRY	60.00	SQYD
1855	08510	REM EPOXY BIT FOREIGN OVERLAY	507.00	SQYD
1860	08526	CONC CLASS M FULL DEPTH PATCH	2.80	CUYD
1865	08534	CONCRETE OVERLAY-LATEX	28.20	CUYD
1870	08549	BLAST CLEANING	567.00	SQYD
1875	08551	MACHINE PREP OF SLAB	507.00	SQYD
1880	24094EC	PARTIAL DEPTH PATCHING	.80	CUYD
1885	02569	DEMOBILIZATION	1.00	LS
1890	02562	TEMPORARY SIGNS - (ADDED: 6-17-2019)	149.00	SQFT
1895	02003	RELOCATE TEMP CONC BARRIER - (ADDED: 6-17-2019)	480.00	LF
1900	02671	PORTABLE CHANGEABLE MESSAGE SIGN - (ADDED: 6-17-2019)	1.00	EACH
1905	02775	ARROW PANEL - (ADDED: 6-17-2019)	1.00	EACH
1910	03171	CONCRETE BARRIER WALL TYPE 9T - (ADDED: 6-17-2019)	480.00	LF
1915	06549	PAVE STRIPING-TEMP REM TAPE-B - (ADDED: 6-17-2019)	2,280.00	LF
1920	08150	STEEL REINFORCEMENT - (ADDED: 6-17-2019)	300.00	LB
1925	06550	PAVE STRIPING-TEMP REM TAPE-W - (ADDED: 6-17-2019)	3,240.00	LF
1930	06551	PAVE STRIPING-TEMP REM TAPE-Y - (ADDED: 6-17-2019)	3,365.00	LF
1935	08903	CRASH CUSHION TY VI CLASS BT TL3 - (ADDED: 6-17-2019)	1.00	EACH
1940	02898	RELOCATE CRASH CUSHION - (ADDED: 6-17-2019)	1.00	EACH
1945	01984	DELINEATOR FOR BARRIER - WHITE - (ADDED: 6-17-2019)	33.00	EACH
1950	01985	DELINEATOR FOR BARRIER - YELLOW - (ADDED: 6-17-2019)	33.00	EACH
1955	02014	BARRICADE-TYPE III - (ADDED: 6-17-2019)	1.00	EACH
1960	02676	MOBILIZATION FOR MILL & TEXT - (B00134L) (ADDED: 6-17-2019)	1.00	LS
1965	02677	ASPHALT PAVE MILLING & TEXTURING - (ADDED: 6-17-2019)	505.00	TON
1970	00219	CL4 ASPH BASE 1.00D PG76-22 - (ADDED: 6-17-2019)	505.00	TON
1975	02696	SHOULDER RUMBLE STRIPS - (ADDED: 6-17-2019)	1,500.00	LF
1980	24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING - (ADDED: 6-17-2019)	.60	TON

MATERIAL SUMMARY

CONTRACT ID: 192605

092GR19M050 - FE02

MB09290011912

WK 9001 EB (MP 69.73). BRIDGE OVER LEWIS CREEK BRIDGE DECK RESTORATION & WATERPROOFING.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
1985	02650	MAINTAIN & CONTROL TRAFFIC - APPLIES TO BRIDGE 092B000134R	1.00	LS
1990	03293	EXPAN JOINT REPLACE 1 IN	92.00	LF
1995	03299	ARMORED EDGE FOR CONCRETE	92.00	LF
2000	06556	PAVE STRIPING-DUR TY 1-6 IN W	162.50	LF
2005	06557	PAVE STRIPING-DUR TY 1-6 IN Y	130.00	LF
2010	08504	EPOXY SAND SLURRY	60.00	SQYD
2015	08510	REM EPOXY BIT FOREIGN OVERLAY	507.00	SQYD
2020	08526	CONC CLASS M FULL DEPTH PATCH	2.80	CUYD
2025	08534	CONCRETE OVERLAY-LATEX	28.20	CUYD
2030	08549	BLAST CLEANING	567.00	SQYD
2035	08551	MACHINE PREP OF SLAB	507.00	SQYD
2040	24094EC	PARTIAL DEPTH PATCHING	.80	CUYD
2045	02569	DEMOBILIZATION	1.00	LS
2050	02562	TEMPORARY SIGNS - (ADDED: 6-17-2019)	149.00	SQFT
2055	02003	RELOCATE TEMP CONC BARRIER - (ADDED: 6-17-2019)	480.00	LF
2060	02671	PORTABLE CHANGEABLE MESSAGE SIGN - (ADDED: 6-17-2019)	1.00	EACH
2065	02775	ARROW PANEL - (ADDED: 6-17-2019)	1.00	EACH
2070	03171	CONCRETE BARRIER WALL TYPE 9T - (ADDED: 6-17-2019)	480.00	LF
2075	06549	PAVE STRIPING-TEMP REM TAPE-B - (ADDED: 6-17-2019)	2,280.00	LF
2080	08150	STEEL REINFORCEMENT - (ADDED: 6-17-2019)	300.00	LB
2085	06550	PAVE STRIPING-TEMP REM TAPE-W - (ADDED: 6-17-2019)	3,240.00	LF
2090	06551	PAVE STRIPING-TEMP REM TAPE-Y - (ADDED: 6-17-2019)	3,365.00	LF
2095	08903	CRASH CUSHION TY VI CLASS BT TL3 - (ADDED: 6-17-2019)	1.00	EACH
2100	02898	RELOCATE CRASH CUSHION - (ADDED: 6-17-2019)	1.00	EACH
2105	01984	DELINEATOR FOR BARRIER - WHITE - (ADDED: 6-17-2019)	33.00	EACH
2110	01985	DELINEATOR FOR BARRIER - YELLOW - (ADDED: 6-17-2019)	33.00	EACH
2115	02014	BARRICADE-TYPE III - (ADDED: 6-17-2019)	1.00	EACH
2120	02676	MOBILIZATION FOR MILL & TEXT - (B000134R) (ADDED: 6-17-2019)	1.00	LS
2125	02677	ASPHALT PAVE MILLING & TEXTURING - (ADDED: 6-17-2019)	505.00	TON
2130	00219	CL4 ASPH BASE 1.00D PG76-22 - (ADDED: 6-17-2019)	505.00	TON
2135	02696	SHOULDER RUMBLE STRIPS - (ADDED: 6-17-2019)	1,500.00	LF
2140	24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING - (ADDED: 6-17-2019)	.60	TON

PROPOSAL BID ITEMS

192605

Page 1 of 4

Report Date 6/17/19

Section: 0001 - BRIDGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00001		DGA BASE	200.00	TON		\$	
0020	00100		ASPHALT SEAL AGGREGATE	7.50	TON		\$	
0030	00103		ASPHALT SEAL COAT	2.00	TON		\$	
0040	00194		LEVELING & WEDGING PG76-22	75.00	TON		\$	
0050	00219		CL4 ASPH BASE 1.00D PG76-22	220.00	TON		\$	
0060	00219		CL4 ASPH BASE 1.00D PG76-22 (ADDED: 6-17-2019)	2,686.00	TON		\$	
0070	00335		CL4 ASPH SURF 0.50A PG76-22	596.00	TON		\$	
0080	01691		FLUME INLET TYPE 2	2.00	EACH		\$	
0090	01890		ISLAND HEADER CURB TYPE 1	34.00	LF		\$	
0100	01982		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	14.00	EACH		\$	
0110	01984		DELINEATOR FOR BARRIER - WHITE	16.00	EACH		\$	
0120	01984		DELINEATOR FOR BARRIER - WHITE (ADDED: 6-17-2019)	252.00	EACH		\$	
0130	01985		DELINEATOR FOR BARRIER - YELLOW	8.00	EACH		\$	
0140	01985		DELINEATOR FOR BARRIER - YELLOW (ADDED: 6-17-2019)	256.00	EACH		\$	
0150	01987		DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	9.00	EACH		\$	
0160	02003		RELOCATE TEMP CONC BARRIER (ADDED: 6-17-2019)	3,520.00	LF		\$	
0170	02014		BARRICADE-TYPE III (ADDED: 6-17-2019)	8.00	EACH		\$	
0180	02023		JPC PAVEMENT-9 IN/24	250.00	SQYD		\$	
0190	02091		REMOVE PAVEMENT	250.00	SQYD		\$	
0200	02159		TEMP DITCH	675.00	LF		\$	
0210	02160		CLEAN TEMP DITCH	168.75	LF		\$	
0220	02165		REMOVE PAVED DITCH	83.00	SQYD		\$	
0230	02231		STRUCTURE GRANULAR BACKFILL	204.00	CUYD		\$	
0240	02351		GUARDRAIL-STEEL W BEAM-S FACE	775.00	LF		\$	
0250	02352		GUARDRAIL-STEEL W BEAM-D FACE	275.00	LF		\$	
0260	02360		GUARDRAIL TERMINAL SECTION NO 1	2.00	EACH		\$	
0270	02363		GUARDRAIL CONNECTOR TO BRIDGE END TY A	8.00	EACH		\$	
0280	02365		CRASH CUSHION TYPE IX-A	2.00	EACH		\$	
0290	02367		GUARDRAIL END TREATMENT TYPE 1	4.00	EACH		\$	
0300	02372		REMOVE GUARDRAIL CON TO BR END	6.00	EACH		\$	
0310	02381		REMOVE GUARDRAIL	1,075.00	LF		\$	
0320	02387		GUARDRAIL CONNECTOR TO BRIDGE END TY A-1	2.00	EACH		\$	
0330	02403		REMOVE CONCRETE MASONRY	134.00	CUYD		\$	
0340	02484		CHANNEL LINING CLASS III	114.00	TON		\$	
0350	02545		CLEARING AND GRUBBING APPLIES TO 092B00132L	1.00	LS		\$	
0360	02545		CLEARING AND GRUBBING APPLIES TO 092B00132R	1.00	LS		\$	
0370	02562		TEMPORARY SIGNS	1,000.00	SQFT		\$	
0380	02562		TEMPORARY SIGNS (ADDED: 6-17-2019)	1,192.00	SQFT		\$	

PROPOSAL BID ITEMS

192605

Page 2 of 4

Report Date 6/17/19

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0390	02650		MAINTAIN & CONTROL TRAFFIC APPLIES TO 092B00072L	1.00	LS		\$	
0400	02650		MAINTAIN & CONTROL TRAFFIC APPLIES TO 092B00072R	1.00	LS		\$	
0410	02650		MAINTAIN & CONTROL TRAFFIC APPLIES TO BRIDGE 092B000130L	1.00	LS		\$	
0420	02650		MAINTAIN & CONTROL TRAFFIC APPLIES TO BRIDGE 092B000130R	1.00	LS		\$	
0430	02650		MAINTAIN & CONTROL TRAFFIC APPLIES TO BRIDGE 092B000132L	1.00	LS		\$	
0440	02650		MAINTAIN & CONTROL TRAFFIC APPLIES TO BRIDGE 092B000132R	1.00	LS		\$	
0450	02650		MAINTAIN & CONTROL TRAFFIC APPLIES TO BRIDGE 092B000133L	1.00	LS		\$	
0460	02650		MAINTAIN & CONTROL TRAFFIC APPLIES TO BRIDGE 092B000133R	1.00	LS		\$	
0470	02650		MAINTAIN & CONTROL TRAFFIC APPLIES TO BRIDGE 092B000134L	1.00	LS		\$	
0480	02650		MAINTAIN & CONTROL TRAFFIC APPLIES TO BRIDGE 092B000134R	1.00	LS		\$	
0490	02671		PORTABLE CHANGEABLE MESSAGE SIGN	6.00	EACH		\$	
0500	02671		PORTABLE CHANGEABLE MESSAGE SIGN (ADDED: 6-17-2019)	8.00	EACH		\$	
0510	02676		MOBILIZATION FOR MILL & TEXT (B000072L) (ADDED: 6-17-2019)	1.00	LS		\$	
0520	02676		MOBILIZATION FOR MILL & TEXT (B000134R) (ADDED: 6-17-2019)	1.00	LS		\$	
0530	02676		MOBILIZATION FOR MILL & TEXT (B00072R) (ADDED: 6-17-2019)	1.00	LS		\$	
0540	02676		MOBILIZATION FOR MILL & TEXT (B00130L) (ADDED: 6-17-2019)	1.00	LS		\$	
0550	02676		MOBILIZATION FOR MILL & TEXT (B00130R) (ADDED: 6-17-2019)	1.00	LS		\$	
0560	02676		MOBILIZATION FOR MILL & TEXT (B00132L)	1.00	LS		\$	
0570	02676		MOBILIZATION FOR MILL & TEXT (B00132R)	1.00	LS		\$	
0580	02676		MOBILIZATION FOR MILL & TEXT (B00133L) (ADDED: 6-17-2019)	1.00	LS		\$	
0590	02676		MOBILIZATION FOR MILL & TEXT (B00133R) (ADDED: 6-17-2019)	1.00	LS		\$	
0600	02676		MOBILIZATION FOR MILL & TEXT (B00134L) (ADDED: 6-17-2019)	1.00	LS		\$	
0610	02677		ASPHALT PAVE MILLING & TEXTURING	596.00	TON		\$	
0620	02677		ASPHALT PAVE MILLING & TEXTURING (ADDED: 6-17-2019)	2,686.00	TON		\$	
0630	02696		SHOULDER RUMBLE STRIPS	1,632.00	LF		\$	
0640	02696		SHOULDER RUMBLE STRIPS (ADDED: 6-17-2019)	8,680.00	LF		\$	
0650	02703		SILT TRAP TYPE A	6.00	EACH		\$	
0660	02704		SILT TRAP TYPE B	2.00	EACH		\$	
0670	02705		SILT TRAP TYPE C	2.00	EACH		\$	
0680	02706		CLEAN SILT TRAP TYPE A	6.00	EACH		\$	
0690	02707		CLEAN SILT TRAP TYPE B	2.00	EACH		\$	
0700	02708		CLEAN SILT TRAP TYPE C	2.00	EACH		\$	

PROPOSAL BID ITEMS

192605

Page 3 of 4

Report Date 6/17/19

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0710	02726		STAKING (B00132L)	1.00	LS		\$	
0720	02726		STAKING (B00132R)	1.00	LS		\$	
0730	02775		ARROW PANEL	2.00	EACH		\$	
0740	02775		ARROW PANEL (ADDED: 6-17-2019)	8.00	EACH		\$	
0750	02898		RELOCATE CRASH CUSHION (ADDED: 6-17-201)	1.00	EACH		\$	
0760	02898		RELOCATE CRASH CUSHION (ADDED: 6-17-2019)	7.00	EACH		\$	
0770	02998		MASONRY COATING	1,999.00	SQYD		\$	
0780	03171		CONCRETE BARRIER WALL TYPE 9T (ADDED: 6-17-2019)	3,560.00	LF		\$	
0790	03293		EXPAN JOINT REPLACE 1 IN	424.00	LF		\$	
0800	03294		EXPAN JOINT REPLACE 1 1/2 IN	170.00	LF		\$	
0810	03298		EXPAN JOINT REPLACE 4 IN	68.00	LF		\$	
0820	03299		ARMORED EDGE FOR CONCRETE	815.60	LF		\$	
0830	04933		TEMP SIGNAL 2 PHASE	2.00	EACH		\$	
0840	05950		EROSION CONTROL BLANKET	2,420.00	SQYD		\$	
0850	05952		TEMP MULCH	1,613.00	SQYD		\$	
0860	05953		TEMP SEEDING AND PROTECTION	1,210.00	SQYD		\$	
0870	05963		INITIAL FERTILIZER	.30	TON		\$	
0880	05964		MAINTENANCE FERTILIZER	.20	TON		\$	
0890	05989		SPECIAL SEEDING CROWN VETCH	290.00	SQYD		\$	
0900	05992		AGRICULTURAL LIMESTONE	.10	TON		\$	
0910	06511		PAVE STRIPING-TEMP PAINT-6 IN	15,500.00	LF		\$	
0920	06542		PAVE STRIPING-THERMO-6 IN W	3,023.00	LF		\$	
0930	06543		PAVE STRIPING-THERMO-6 IN Y	2,181.00	LF		\$	
0940	06549		PAVE STRIPING-TEMP REM TAPE-B (ADDED: 6-17-2019)	13,900.00	LF		\$	
0950	06550		PAVE STRIPING-TEMP REM TAPE-W (ADDED: 6-17-2019)	30,850.00	LF		\$	
0960	06551		PAVE STRIPING-TEMP REM TAPE-Y (ADDED: 6-17-2019)	28,410.00	LF		\$	
0970	06556		PAVE STRIPING-DUR TY 1-6 IN W	2,115.00	LF		\$	
0980	06557		PAVE STRIPING-DUR TY 1-6 IN Y	1,672.00	LF		\$	
0990	06568		PAVE MARKING-THERMO STOP BAR-24IN	51.00	LF		\$	
1000	06574		PAVE MARKING-THERMO CURV ARROW	8.00	EACH		\$	
1010	08020		CRUSHED AGGREGATE SLOPE PROT	261.00	TON		\$	
1020	08100		CONCRETE-CLASS A	187.00	CUYD		\$	
1030	08104		CONCRETE-CLASS AA	338.00	CUYD		\$	
1040	08150		STEEL REINFORCEMENT	31,312.00	LB		\$	
1050	08150		STEEL REINFORCEMENT (ADDED: 6-17-2019)	2,400.00	LB		\$	
1060	08151		STEEL REINFORCEMENT-EPOXY COATED	102,979.00	LB		\$	
1070	08301		REMOVE SUPERSTRUCTURE APPLIES TO 092B00132L	1.00	LS		\$	
1080	08301		REMOVE SUPERSTRUCTURE APPLIES TO 092B00132R	1.00	LS		\$	
1090	08504		EPOXY SAND SLURRY	934.00	SQYD		\$	
1100	08510		REM EPOXY BIT FOREIGN OVERLAY	5,526.00	SQYD		\$	
1110	08526		CONC CLASS M FULL DEPTH PATCH	31.30	CUYD		\$	

PROPOSAL BID ITEMS

192605

Page 4 of 4

Report Date 6/17/19

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1120	08534		CONCRETE OVERLAY-LATEX	166.00	CUYD		\$	
1130	08549		BLAST CLEANING	6,460.00	SQYD		\$	
1140	08551		MACHINE PREP OF SLAB	5,526.00	SQYD		\$	
1150	08669		PRECAST PC BOX BEAM SB21	1,014.50	LF		\$	
1160	08903		CRASH CUSHION TY VI CLASS BT TL3 (ADDED: 6-17-2019)	8.00	EACH		\$	
1170	20071EC		JOINT ADHESIVE	3,332.00	LF		\$	
1180	20099ES842		PAVE MARK TEMP PAINT STOP BAR (ADDED: 6-17-2019)	160.00	LF		\$	
1190	20191ED		OBJECT MARKER TY 3	4.00	EACH		\$	
1200	21451ED		FILL AND GRADE MEDIAN	500.00	LF		\$	
1210	23010EN		PAVE MARK TEMP PAINT STOP BAR-24 IN	76.00	LF		\$	
1220	23032EN		BRIDGE BARRIER RETROFIT	1,084.00	LF		\$	
1230	23265ES717		PAVE MARK TY 1 TAPE STOP BAR-24 IN	69.00	LF		\$	
1240	23331EC		EPOXY-URETHANE WATERPROOFING	20,644.00	SQFT		\$	
1250	23949EC		BRIDGE CLEANING & PREVENTIVE MAINTENANCE APPLIES TO 092B00072L	1.00	LS		\$	
1260	23949EC		BRIDGE CLEANING & PREVENTIVE MAINTENANCE APPLIES TO 092B00072R	1.00	LS		\$	
1270	23949EC		BRIDGE CLEANING & PREVENTIVE MAINTENANCE APPLIES TO 093B00133L	1.00	LS		\$	
1280	23949EC		BRIDGE CLEANING & PREVENTIVE MAINTENANCE APPLIES TO 093B00133R	1.00	LS		\$	
1290	24094EC		PARTIAL DEPTH PATCHING	9.00	CUYD		\$	
1300	24489EC		INLAID PAVEMENT MARKER	42.00	EACH		\$	
1310	24894EC		REMOVE REMOVE FLUME - APPLIES TO 092B00132L	1.00	EACH		\$	
1320	24894EC		REMOVE REMOVE FLUME - APPLIES TO 092B00132R	1.00	EACH		\$	
1330	24970EC		ASPHALT MATERIAL FOR TACK NON- TRACKING	3.00	TON		\$	
1340	24970EC		ASPHALT MATERIAL FOR TACK NON- TRACKING (ADDED: 6-17-2019)	3.40	TON		\$	
1350	25025ED		THRIE BEAM GUARDRAIL TRANSITION TL-3	6.00	LF		\$	
1360	25028ED		RAIL SYSTEM SINGLE SLOPE - 40 IN	518.00	LF		\$	
1370	40030		TEMPORARY SILT FENCE	1,210.00	LF		\$	

Section: 0002 - DEMOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1380	02569		DEMOBILIZATION	1.00	LS		\$	