



**CALL NO. 319**

**CONTRACT ID. 121039**

**GRAYSON COUNTY**

**FED/STATE PROJECT NUMBER FD04 SPP 043 9001 091-096**

**DESCRIPTION WESTERN KENTUCKY PARKWAY (PW 9001)**

**WORK TYPE ASPHALT PAVEMENT & ROADWAY REHABILITATIO**

**PRIMARY COMPLETION DATE 7/31/2013**

**LETTING DATE: September 14, 2012**

Sealed Bids will be received electronically through the Bid Express bidding service until 10:00 AM EASTERN DAYLIGHT TIME September 14, 2012. Bids will be publicly announced at 10:00 AM EASTERN DAYLIGHT TIME.

**REQUIRED BID PROPOSAL GUARANTY:** Not less than 5% of the total bid.

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# **PART I**

## **SCOPE OF WORK**

CONTRACT ID - 121039

ADMINISTRATIVE DISTRICT - 04

PROJECT(S) IDENTIFICATION AND DESCRIPTION:

COUNTY - GRAYSON

PCN - DE04390011239

FD04 SPP 043 9001 091-096

WESTERN KENTUCKY PARKWAY (PW 9001) ASPHALT PAVEMENT REHAB ON WESTERN KENTUCKY PARKWAY  
FROM MP 91.100 TO MP 95.030. ASPHALT PAVEMENT & ROADWAY REHABILITATIO. SYP NO. 04-02043.  
00.

GEOGRAPHIC COORDINATES LATITUDE 37^24'44" LONGITUDE 86^31'16"

COMPLETION DATE(S):

COMPLETION DATE - July 31, 2013

APPLIES TO ENTIRE CONTRACT

## **CONTRACT NOTES**

### **PROPOSAL ADDENDA**

All addenda to this proposal must be applied when calculating bid and certified in the bid packet submitted to the Kentucky Department of Highways. Failure to use the correct and most recent addenda may result in the bid being rejected.

### **BID SUBMITTAL**

Bidder must use the Department's Expedite Bidding Program available on the Internet web site of the Department of Highways, Division of Construction Procurement. ([www.transportation.ky.gov/contract](http://www.transportation.ky.gov/contract))

The Bidder must download the bid file located on the Bid Express website ([www.bidx.com](http://www.bidx.com)) to prepare a bid packet for submission to the Department. The bidder must submit electronically using Bid Express.

### **JOINT VENTURE BIDDING**

Joint venture bidding is permissible. All companies in the joint venture must be prequalified in one of the work types in the Qualifications for Bidders for the project. The bidders must get a vendor ID for the joint venture from the Division of Construction Procurement and register the joint venture as a bidder on the project. Also, the joint venture must obtain a digital ID from Bid Express to submit a bid. A joint bid bond of 5% may be submitted for both companies or each company may submit a separate bond of 5%.

### **UNDERGROUND FACILITY DAMAGE PROTECTION**

The contractor is advised that the Underground Facility Damage Protection Act of 1994, became law January 1, 1995. It is the contractor's responsibility to determine the impact of the act regarding this project, and take all steps necessary to be in compliance with the provision of the act.

### **SPECIAL NOTE FOR PIPE INSPECTION**

Contrary to Section 701.03.08 of the 2012 Standard Specifications for Road and Bridge Construction and Kentucky Method 64-114, certification by the Kentucky Transportation Center for prequalified Contractors to perform laser/video inspection is not required on this contract. It will continue to be a requirement for the Contractor performing any laser/video pipe inspection to be prequalified for this specialized item with the Kentucky Transportation Cabinet-Division of Construction Procurement.

### **REGISTRATION WITH THE SECRETARY OF STATE BY A FOREIGN ENTITY**

Pursuant to KRS 176.085(1)(b), an agency, department, office, or political subdivision of the Commonwealth of Kentucky shall not award a state contract to a person that is a foreign entity required by [KRS 14A.9-010](#) to obtain a certificate of authority to transact business in the Commonwealth (“certificate”) from the Secretary of State under [KRS 14A.9-030](#) unless the person produces the certificate within fourteen (14) days of the bid or proposal opening. If the foreign entity is not required to obtain a certificate as provided in [KRS 14A.9-010](#), the foreign entity should identify the applicable exception. Foreign entity is defined within [KRS 14A.1-070](#).

**For all foreign entities required to obtain a certificate of authority to transact business in the Commonwealth, if a copy of the certificate is not received by the contracting agency within the time frame identified above, the foreign entity’s solicitation response shall be deemed non-responsive or the awarded contract shall be cancelled.**

Businesses can register with the Secretary of State at <https://secure.kentucky.gov/sos/ftbr/welcome.aspx>.

### **SPECIAL NOTE FOR PROJECT QUESTIONS DURING ADVERTISEMENT**

Questions about projects during the advertisement should be submitted in writing to the Division of Construction Procurement. This may be done by fax (502) 564-7299 or email to [kytc.projectquestions@ky.gov](mailto:kytc.projectquestions@ky.gov). The Department will attempt to answer all submitted questions. The Department reserves the right not to answer if the question is not pertinent or does not aid in clarifying the project intent.

The deadline for posting answers will be 3:00 pm Eastern Daylight Time, the day preceding the Letting. Questions may be submitted until this deadline with the understanding that the later a question is submitted, the less likely an answer will be able to be provided.

The questions and answers will be posted for each Letting under the heading “Questions & Answers” on the Construction Procurement website ([www.transportation.ky.gov/contract](http://www.transportation.ky.gov/contract)). The answers provided shall be considered part of this Special Note and, in case of a discrepancy, will govern over all other bidding documents.

### **ACCESS TO RECORDS**

The contractor, as defined in KRS 45A.030 (9) agrees that the contracting agency, the Finance and Administration Cabinet, the Auditor of Public Accounts, and the Legislative Research Commission, or their duly authorized representatives, shall have access to any books, documents, papers, records, or other evidence, which are directly pertinent to this

contract for the purpose of financial audit or program review. Records and other prequalification information confidentially disclosed as part of the bid process shall not be deemed as directly pertinent to the contract and shall be exempt from disclosure as provided in KRS 61.878(1)(c). The contractor also recognizes that any books, documents, papers, records, or other evidence, received during a financial audit or program review shall be subject to the Kentucky Open Records Act, KRS 61.870 to 61.884.

In the event of a dispute between the contractor and the contracting agency, Attorney General, or the Auditor of Public Accounts over documents that are eligible for production and review, the Finance and Administration Cabinet shall review the dispute and issue a determination, in accordance with Secretary's Order 11-004. (See attachment)

10/18/2011

**SPECIAL NOTE FOR RECIPROCAL PREFERENCE**

**Reciprocal preference to be given by public agencies to resident bidders**

**By reference, KRS 45A.490 to 45A.494 are incorporated herein and in compliance regarding the bidders residency. Bidders who want to claim resident bidder status should complete the Affidavit for Claiming Resident Bidder Status along with their bid in the Expedite Bidding Program. Submittal of the Affidavit should be done along with the bid in Bid Express.**

03/01/2011



### **ASPHALT MIXTURE**

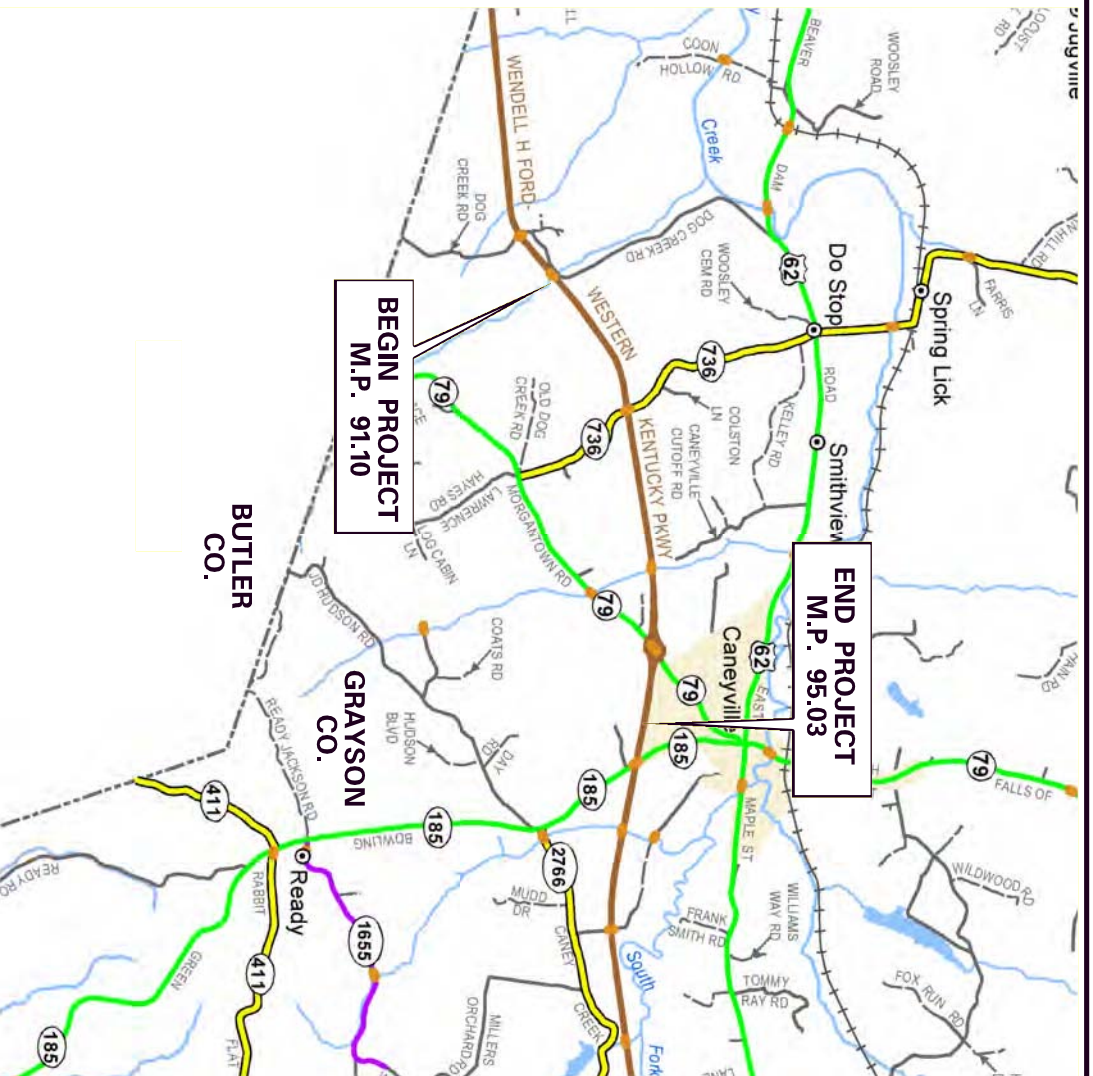
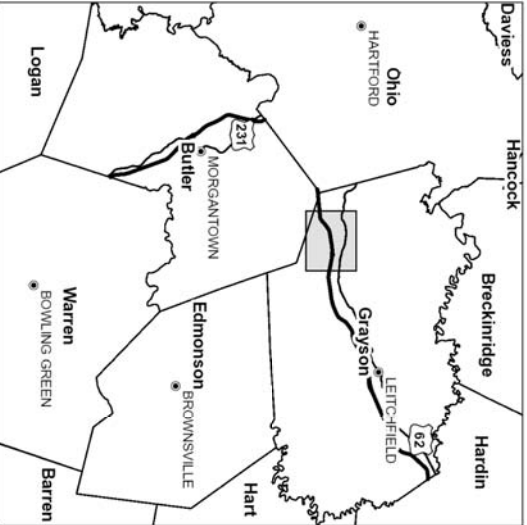
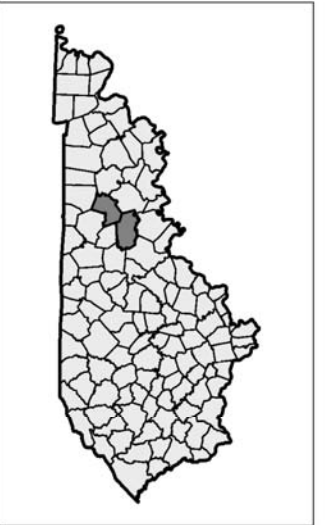
Unless otherwise noted, the Department estimates the rate of application for all asphalt mixtures to be 110 lbs/sy per inch of depth.

### **INCIDENTAL SURFACING**

The Department has included in the quantities of asphalt mixtures established in the proposal estimated quantities required for resurfacing or surfacing mailbox turnouts, farm field entrances, residential and commercial entrances, curve widening, ramp gores and tapers, and road and street approaches, as applicable. Pave these areas to the limits as shown on Standard Drawing RPM-110-06 or as directed by the Engineer. In the event signal detectors are present in the intersecting streets or roads, pave the crossroads to the right of way limit or back of the signal detector, whichever is the farthest back of the mainline. Surface or resurface these areas as directed by the Engineer. The Department will not measure placing and compacting for separate payment but shall be incidental to the Contract unit price for the asphalt mixtures.

### **FUEL AND ASPHALT PAY ADJUSTMENT**

The Department has included the Contract items Asphalt Adjustment and Fuel Adjustment for possible future payments at an established Contract unit price of \$1.00. The Department will calculate actual adjustment quantities after work is completed. If existing Contract amount is insufficient to pay all items on the contract with the adjustments, the Department will establish additional monies with a change order.



ITEM NUMBERS: 4-2043.0

CONSTRUCTION NUMBER: FD04 SPP 043 9001 091-096

LETTING DATE: SEPT. 14, 2012

RECOMMENDED BY: \_\_\_\_\_

DATE: \_\_\_\_\_

Project Manager

PLAN APPROVED BY: \_\_\_\_\_

DATE: \_\_\_\_\_

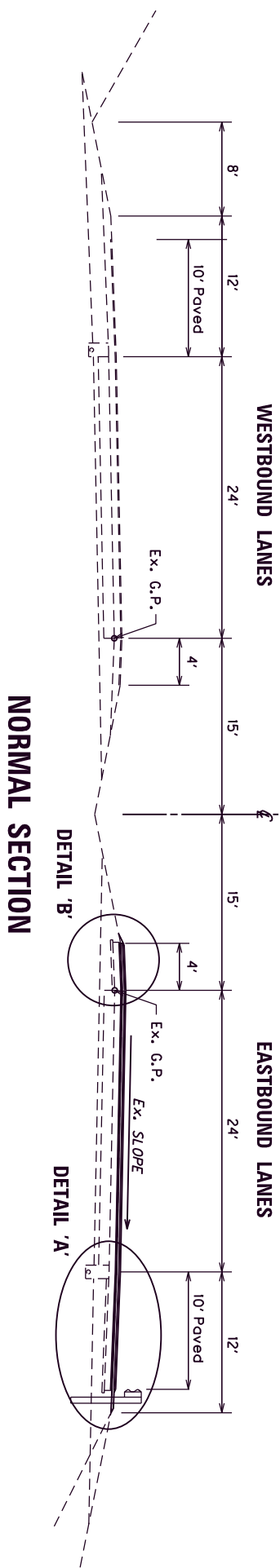
State Highway Engineer

FHWA APPROVED BY: \_\_\_\_\_

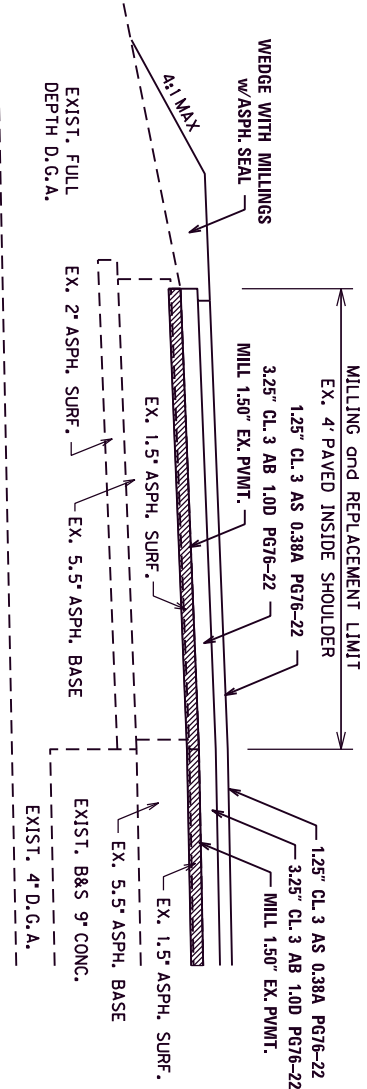
DATE: \_\_\_\_\_

# TYPICAL SECTIONS WESTERN KENTUCKY PARKWAY E.B. MP 91.1 to MP 95.03

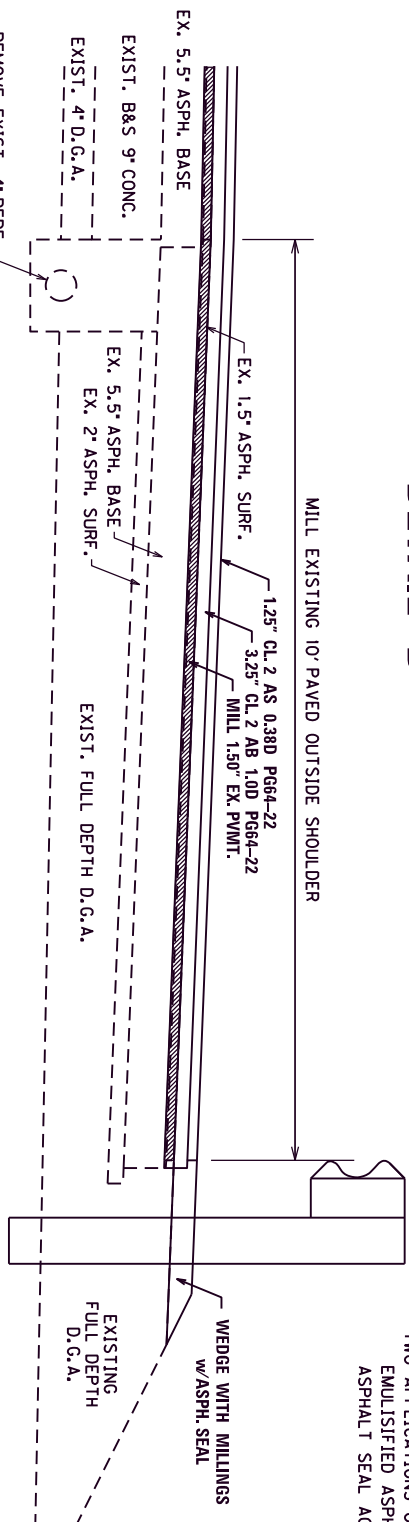
COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-2043.0	



NORMAL SECTION



DETAIL 'B'



DETAIL 'A'

**SURFACING SCHEDULE**  
MAINLINE TRAFFIC LANES & INSIDE SHOULDER  
RAMPS TRAFFIC LANE & SHOULDERS

ASPH. PAVE MILLING & TEXTURING	1.5' DEPTH
CLASS 3 ASPH. SURF. 0.38A PG76-22	1.25' DEPTH
CLASS 2 ASPH. SURF. 0.38D PG64-22	3.25' DEPTH
SHOULDER WEDGE	ASPHALT MILLINGS

**MAINLINE OUTSIDE SHOULDERS**

ASPH. PAVE MILLING & TEXTURING	1.5' DEPTH
CLASS 2 ASPH. SURF. 0.38D PG64-22	1.25' DEPTH
CLASS 2 ASPH. BASE 1.0D PG64-22	3.25' DEPTH
SHOULDER WEDGE	ASPHALT MILLINGS

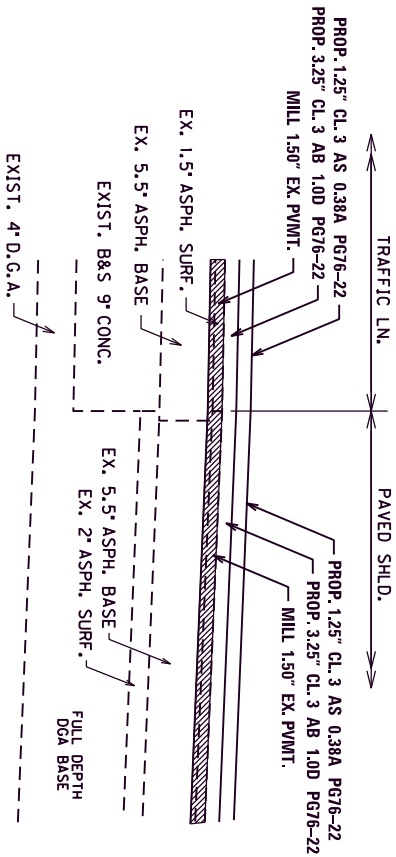
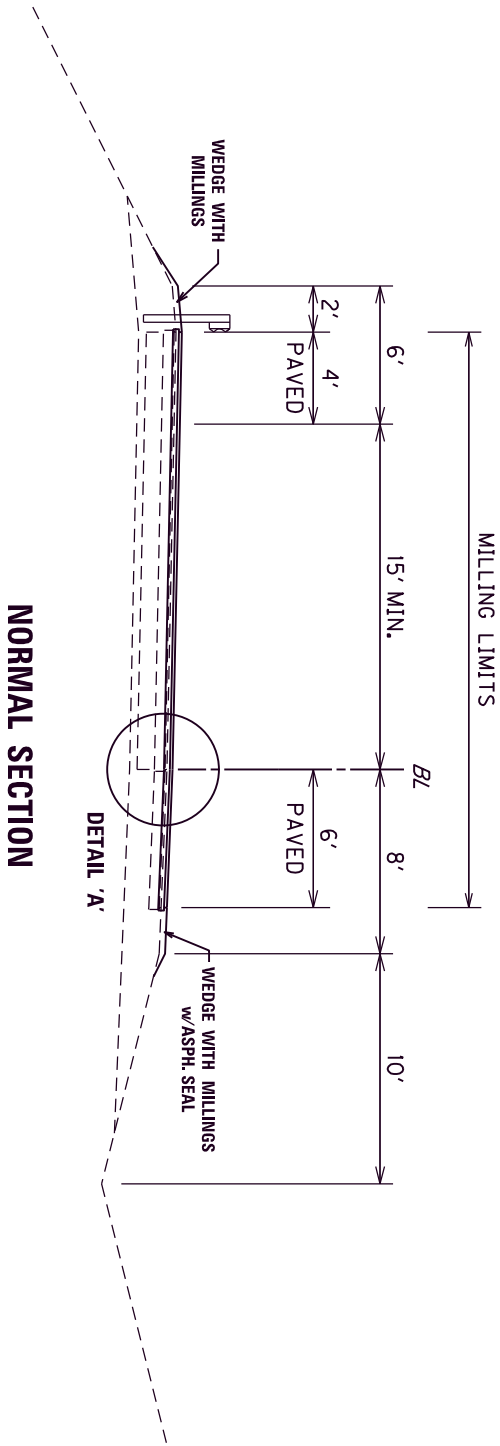
ASPHALT SEAL REQUIRED FROM OUTSIDE EDGE OF PAVED SHOULDER TO A POINT 2 FOOT DOWN THE DITCH OR FULL SLOPE.  
TWO APPLICATIONS OF THE FOLLOWING :  
EMULSIFIED ASPHALT RS-2 ..... 2.4 lbs. / S.Y.  
ASPHALT SEAL AGGREGATE ..... 20 lbs. / S.Y.

NOT TO SCALE

WESTERN KY. PARKWAY  
TYPICAL SECTIONS

# TYPICAL SECTIONS KY 79 RAMPS

COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-2043.0	



DETAIL 'A'

NOT TO SCALE

WKP & KY 79 RAMPS  
TYPICAL SECTIONS

# WESTERN KENTUCKY PARKWAY ACCELERATION LANE EXTENSION DETAIL M.P. 94.4 EASTBOUND

COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-2043.0	

## SURFACING SCHEDULE

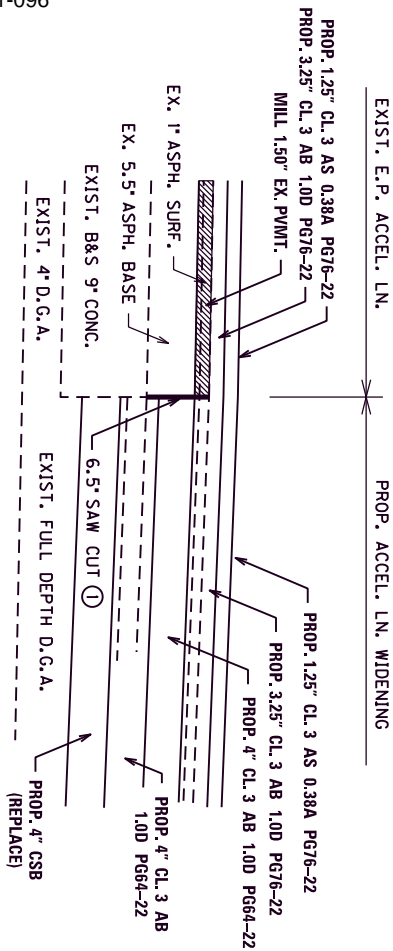
WIDENING TRAFFIC LANE	
CLASS 3 ASPH. SURF. 0.38A PG76-22	1.25' DEPTH
CLASS 3 ASPH. BASE 1.00 PG64-22	3.25' DEPTH
CLASS 3 ASPH. BASE 1.00 PG64-22	8' DEPTH (4'+4')
CSB (REPLACEMENT)	4' DEPTH

OUTSIDE SHLD.	
CLASS 3 ASPH. SURF. 0.38D PG64-22	1.25' DEPTH
CLASS 3 ASPH. BASE 1.00 PG64-22	3.25' DEPTH
CLASS 3 ASPH. BASE 1.00 PG64-22	4' DEPTH
CSB	FULL DEPTH

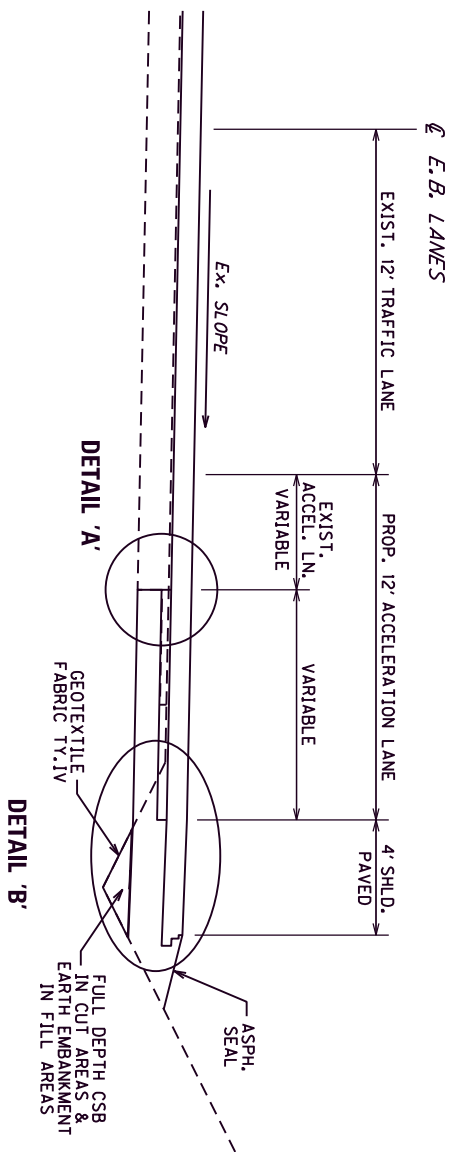
ASPHALT SEAL REQUIRED FROM OUTSIDE EDGE OF PAVED SHOULDER TO A POINT 2 FOOT DOWN THE DITCH OR FILL SLOPE.  
TWO APPLICATIONS OF THE FOLLOWING :  
EMULSIFIED ASPHALT RS-2 ..... 2.4 lbs. / S.Y.  
ASPHALT SEAL AGGREGATE ..... 20 lbs. / S.Y.

NOTE : END CLASS 3 ASPHALT SURFACE & BASE  
AT END OF ACCELERATION LANE TAPER. BEGIN  
CLASS 2 ASPHALT SURFACE & BASE ON MAINLINE  
SHOULDERS.

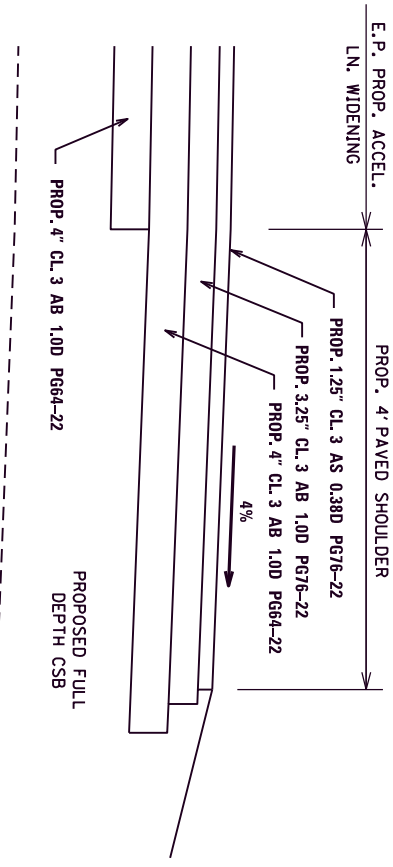


① 6.5" SAW CUT SHALL BE CONSIDERED INCIDENTAL TO THE ASPHALT ITEMS.

DETAIL 'A'



TIE PAVED SHOULDER ON ACCELERATION LANE TO MAINLINE SHOULDER IN 300' TAPER  
END OF ACCELERATION LANE



DETAIL 'B'

NOT TO SCALE

WKP & KY 79  
EASTBOUND ENTR. RAMP  
ACCEL. LN. EXTENSION

LONGITUDINAL EDGE DRAIN DETAIL

COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-2043.0	

SPECIAL NOTE FOR PAVEMENT  
SUBSURFACE DRAINAGE OUTLET

A QUANTITY OF CRUSHED AGGREGATE SIZE NO. 2 AS DEFINED IN THE CURRENT KENTUCKY STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SHALL BE USED AT ALL PERFORATED PIPE HEADWALL OUTLETS AS ILLUSTRATED IN THE DETAIL AT RIGHT. CRUSHED AGGREGATE SIZE NO. 2 SHALL BE PLACED A MINIMUM DEPTH OF 4 INCHES AS DETAILED AT RIGHT.

DENSE GRADED AGGREGATE (DGA) REMOVED DURING PLACEMENT OF THE CRUSHED AGGREGATE SIZE NO. 2 SHALL BE USED TO DRESS THE EXISTING SHOULDERS WHERE DGA IS EXPOSED. OTHER MATERIALS REMOVED DURING PLACEMENT OF THE CRUSHED AGGREGATE SIZE NO. 2 SHALL BE WASTED AS DIRECTED BY THE ENGINEER. NO DIRECT PAYMENT WILL BE ALLOWED FOR DISPOSAL OF WASTED MATERIAL.

THE CONTRACT UNIT PRICE FOR CRUSHED AGGREGATE SIZE NO. 2 SHALL BE FULL COMPENSATION FOR ALL MATERIALS, LABOR, AND OTHER INCIDENTALS NECESSARY TO PLACE CRUSHED AGGREGATE SIZE NO. 2 FOR CONTROL OF VEGETATION AND/OR EROSION CONTROL AT PAVEMENT EDGE DRAIN OUTLETS.

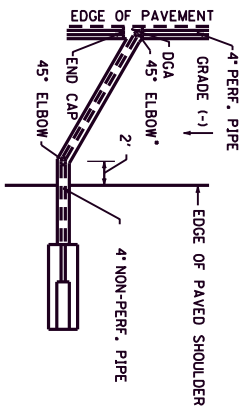
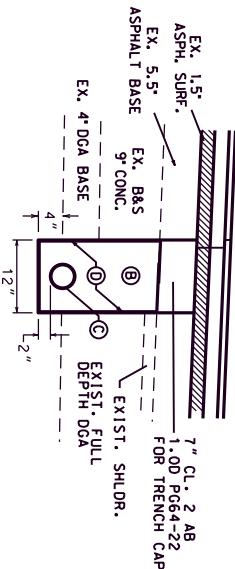
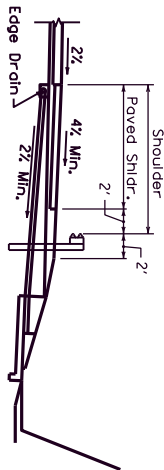
SEE CURRENT STANDARD DRAWING RDP-010 FOR DIMENSIONS AND OTHER DETAILS. ESTIMATE ONE TON OF CRUSHED AGGREGATE SIZE NO. 2 FOR EACH PERFORATED PIPE HEADWALL OUTLET.

NOTES :

- (1) EXISTING LONGITUDINAL EDGE DRAINS ON THE OUTSIDE EDGE OF EXISTING PAVEMENT SHALL BE REMOVED AND NEW EDGE DRAINS CONSTRUCTED AS SHOWN IN THE DETAILS FOR THE PROJECT. ASPHALT QUANTITIES HAVE BEEN ADDED FOR THE CAP REPLACEMENT (SEE DETAIL).

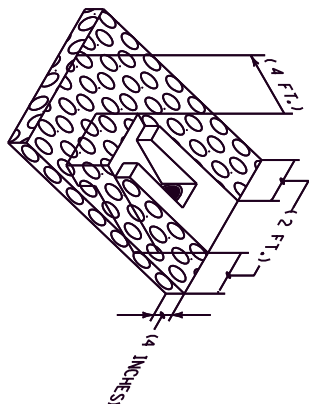
ALL LONGITUDINAL PIPE DRAINAGE SYSTEMS FOR THE PAVEMENT SHALL BE OUTLETTED TO A HEADWALL OR MEDIAN BOX INLET. OUTLETS SHALL BE IN FILL SECTION WHENEVER POSSIBLE. OUTLET SPACING FOR THE 4" PIPE ON THE OUTSIDE EDGE OF EXIST. PYMT. SHALL NOT EXCEED 500 FEET EXCEPT GRADES 1% OR LESS. THEN THE SPACING SHALL NOT EXCEED 250 FEET. OUTLET SPACING FOR 6" PERFORATED PIPE SHALL NOT EXCEED 1000 FEET. ALL SACS SHALL HAVE AN OUTLET.

- (2) FABRIC GEOTEXTILE TYPE IV AND CRUSHED AGGREGATE SIZE NO. 57 ARE INCIDENTAL TO PERFORATED PIPE-4" OR PERFORATED PIPE-6" AS APPLICABLE. REMOVAL OF EXISTING EDGE DRAIN ON THE INSIDE AND OUTSIDE SHOULDER SHALL BE INCLUDED IN THE UNIT PRICE BID FOR NEW PERFORATED PIPE. WASTE THE EXISTING UNDERDRAIN PIPE. HEADWALLS SHALL BE REUSED IF POSSIBLE AND PAID FOR UNDER BID ITEM "REMOVE & RESET EXIST. PERF. PIPE HOWL."



• Use Tee in Lieu of Elbow at Sump Conditions  
( OUTSIDE SHOULDER )

- ③ CRUSHED AGGREGATE SIZE NO. 57 (NO SAND)  
④ PERFORATED PIPE - 4" (NO SOCK)  
⑤ NON-PERFORATED PIPE - 4" (OUTLET)  
⑥ TYPE IV GEOTEXTILE FABRIC
- PERFORATED PIPE  
DRAIN REPLACEMENT



PAVEMENT SUBSURFACE DRAINAGE OUTLET

NOT TO SCALE

WESTERN KY. PARKWAY  
EDGE DRAIN DETAIL

**WESTERN KENTUCKY PARKWAY  
GRAYSON COUNTY  
PAVEMENT REHABILITATION, MILEPOST 91.10 TO 95.03  
ITEM NO. 4-2043.00  
GENERAL SUMMARY**

ITEM NUMBER	ITEM	UNIT	QUANTITY
2367	GUARDRAIL END TREATMENT TYPE 1	EACH	8
2369	GUARDRAIL END TREATMENT TYPE 2A	EACH	7
2226	EARTHWORK	L.S.	1
21802EN	GUARDRAIL - STEEL W BEAM - S FACE (7' POST)	L.F.	6,662.5
23143ED	KPDES PERMIT & TEMPORARY EROSION CONTROL	L.S.	1
5950	EROSION CONTROL BLANKET	S.Y.	22,500
2575	DITCHING & SHOULDERING	L.F.	20,750
1982	DELINEATORS FOR GUARDRAIL (MW)	EACH	91
6592	PAVEMENT MARKING TYPE V - BW/R	EACH	327
6593	PAVEMENT MARKING TYPE V - BY/R	EACH	34
2650	MAINTAIN AND CONTROL TRAFFIC	L.S.	1
1450	18" SLOPED and FLARED INLET-OUTLET ①	EACH	1
2625	REMOVE EXISTING HEADWALL ①	EACH	1
462	18" R.C.P. ①	L.F.	8
78	CRUSHED AGGREGATE SIZE NO. 2 ②	TON	2,100
2483	CLASS II CHANNEL LINING	TON	3,150
2484	CLASS III CHANNEL LINING	TON	1,250
6412	STEEL POST MILE MARKERS	EACH	10
2562	SIGNS	S.F.	372
2696	SHOULDER RUMBLE STRIPS - SAWED	L.F.	42,820
10020NS	FUEL ADJUSTMENT	DOLLAR	22,699
10030NS	ASPHALT ADJUSTMENT	DOLLAR	45,857
3240	BASE FAILURE REPAIR ③	S.Y.	341
2775	ARROW PANEL	EACH	2
2671	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	4
2677	ASPHALT PAVEMENT MILLING & TEXTURING ④	TON	8,091
2676	MOBILIZATION FOR MILLING & TEXTURING	L.S.	1
2568	MOBLIZATION	L.S.	1
2569	DEMOBLIZATION	L.S.	1
24191ER	DURABLE WATERBOURNE MARKING - 12" W	L.F.	1,177
24189ER	DURABLE WATERBOURNE MARKING - 6" W	L.F.	27,168
24190ER	DURABLE WATERBOURNE MARKING - 6" Y	L.F.	21,869
6511	PAVEMENT STRIPING TEMPORARY PAINT - 6"	L.F.	46,700

① FOR PIPE EXTENSION AT EASTBOUND RAMP @ KY 79 INTERCHANGE.

④ CARRIED OVER FROM PAVING SUMMARY

② TO BE USED, BUT NOT LIMITED TO, PIPE EROSION, WASHOUT REPAIR BEHIND GUARDRAIL, PERF. PIPE HDWL'S. AND OTHER LOCATIONS AS DIRECTED BY THE ENGINEER.

③ INCLUDES 100 S.Y. OF ITEM 3240 and 156 L.F.OF ITEM 1000 TO BE USED AS DIRECTED BY THE ENGINEER.

[illegible]



WESTERN KENTUCKY PARKWAY  
GRAYSON COUNTY  
PAVEMENT REHABILITATION, MILEPOST 91.10 TO 95.03  
ITEM NO. 4-2043.00  
PAVING SUMMARY

PAVING AREAS MAINLINE & KY 79 RAMPS		PAVING AREAS KY 79 RAMP B ACCELERATION LANE EXTENSION	
ITEM	TOTAL	ITEM	TOTAL
INSIDE SHOULDER AND TRAFFIC LANES	S.Y.	TRAFFIC LANE WIDENING	S.Y.
1.25" CL3 ASPH SURF 0.38A PG76-22	72,280	1.25" CL3 ASPH SURF 0.38A PG76-22	489
3.25" CL3 ASPH BASE 1.0D PG76-22	72,280	3.25" CL3 ASPH BASE 1.0D PG76-22	489
		8" CL3 ASPH BASE 1.0D PG64-22	511
OUTSIDE SHOULDER	S.Y.	4" CRUSHED STONE BASE	489
1.25" CL2 ASPH SURF 0.38D PG64-22	25,790		
3.25" CL2 ASPH BASE 1.0D PG64-22	25,790	OUTSIDE SHOULDER	S.Y.
7" CL2 ASPH BASE 1.0D PG64-22 (3)	2006	1.25" CL3 ASPH SURF 0.38A PG76-22	426
ASPHALT SEAL COAT ( 2 APPLICATIONS )	36,890	3.25" CL3 ASPH BASE 1.0D PG76-22	426
ASPHALT SEAL AGGREGATE ( 2 APPLICATIONS )	36,890	4" CL3 ASPH BASE 1.0D PG64-22	426
		FULL DEPTH CRUSHED STONE BASE (CUBIC YARDS)	212
ASPHALT PAVE MILLING & TEXTURING (1)	S.Y.	ASPHALT SEAL COAT (2 APPLICATIONS)	651
MAINLINE PROJECT LIMITS (1.5")	98,070	ASPHALT SEAL AGGREGATE (2 APPLICATIONS)	651

PAVING SUMMARY

CODE	ITEM	UNITS	ML. & RAMPS	RAMP ACCEL. EXT.	PROJECT TOTAL
3	CRUSHED STONE BASE	TONS		551	551
301	CLASS 2 ASPH. SURFACE 0.38D PG64-22	TONS	1773		1773
336	CLASS 3 ASPH. SURFACE 0.38A PG76-22	TONS	4969	63	5032
212	CLASS 2 ASPH. BASE 1.0D PG64-22 (3)	TONS	772		772
212	CLASS 2 ASPH. BASE 1.0D PG64-22	TONS	4610		4660 (2)
214	CLASS 3 ASPHALT BASE 1.0D PG64-22	TONS		319	319
216	CLASS 3 ASPHALT BASE 1.0D PG76-22	TONS	12920		12920
2677	ASPHALT PAVE MILLING & TEXTURING	TONS	8091		8091
100	ASPHALT SEAL AGGREGATE	TONS	369	7	376
103	ASPHALT SEAL COAT	TONS	44	0.8	45

( 1 ) INCLUDES RAMPS  
( 2 ) INCLUDES 50 TONS FOR SHOULDER REPAIR  
( 3 ) FOR PERFORATED PIPE TRENCH CAP

[illegible]

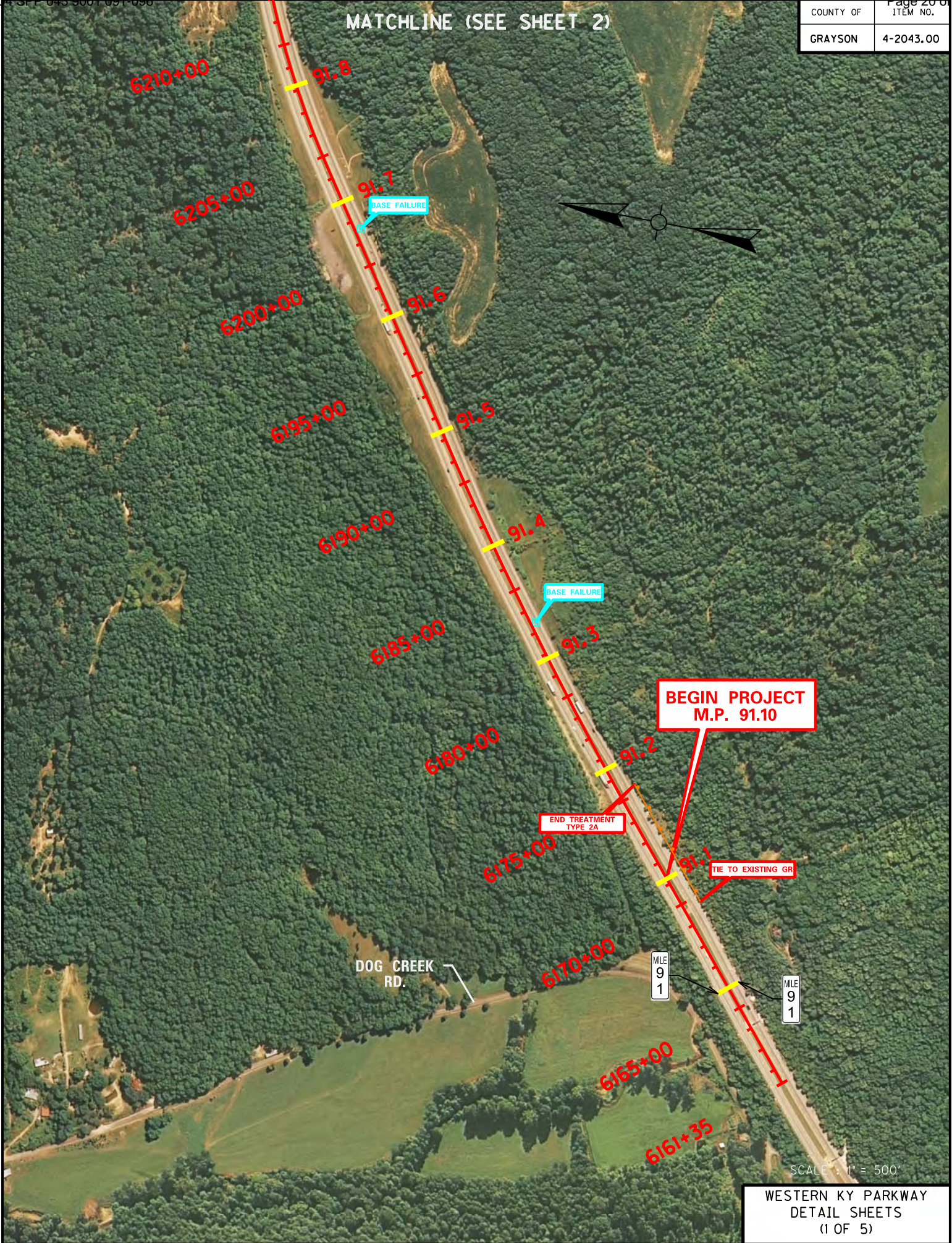
PAVEMENT REHABILITATION, MILEPOST 91.10 TO 95.03  
ITEM NO. 4-2043.00  
EASTBOUND GUARDRAIL SUMMARY

[illegible]



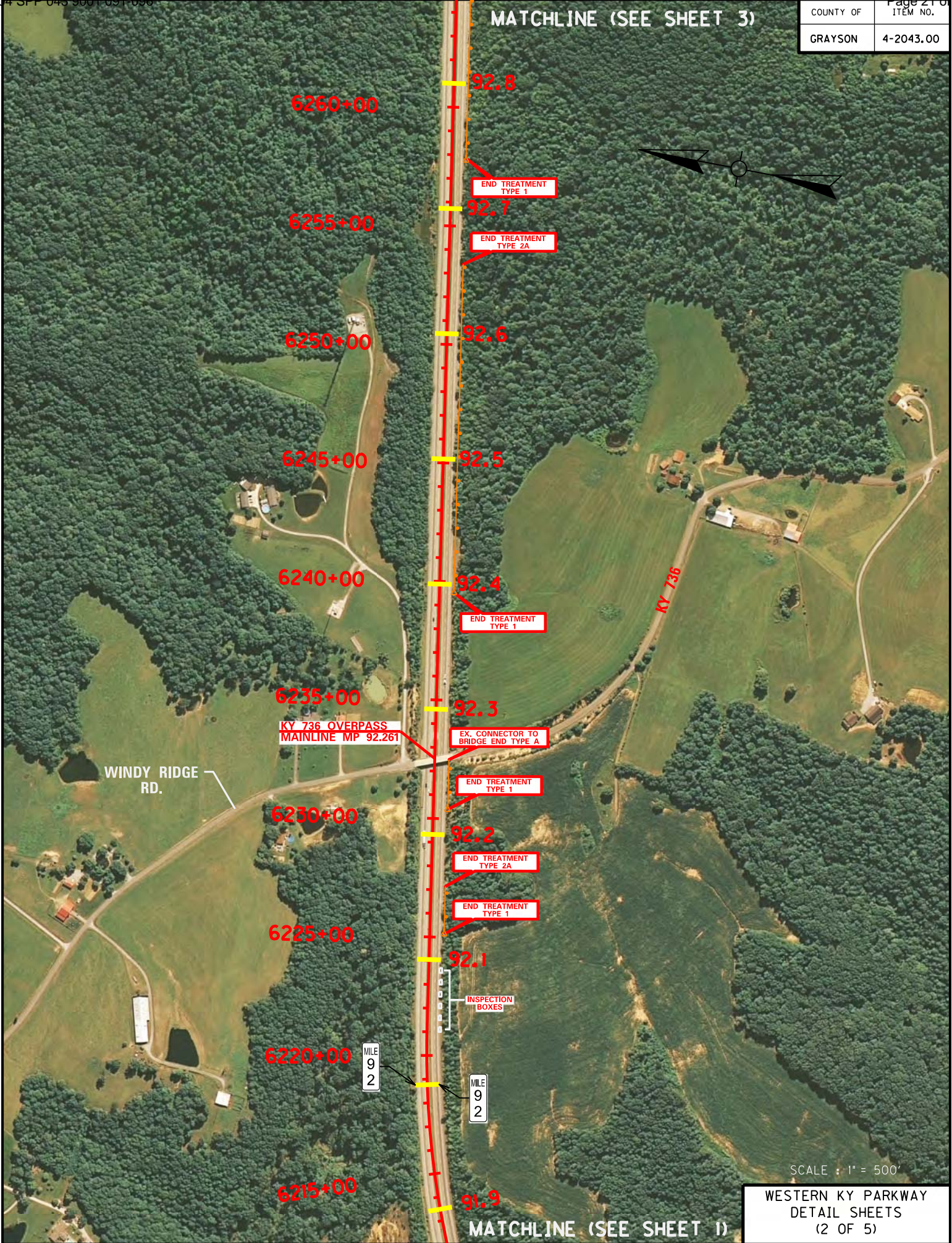
COUNTY OF	ITEM NO.
GRAYSON	4-2043.00

MATCHLINE (SEE SHEET 2)



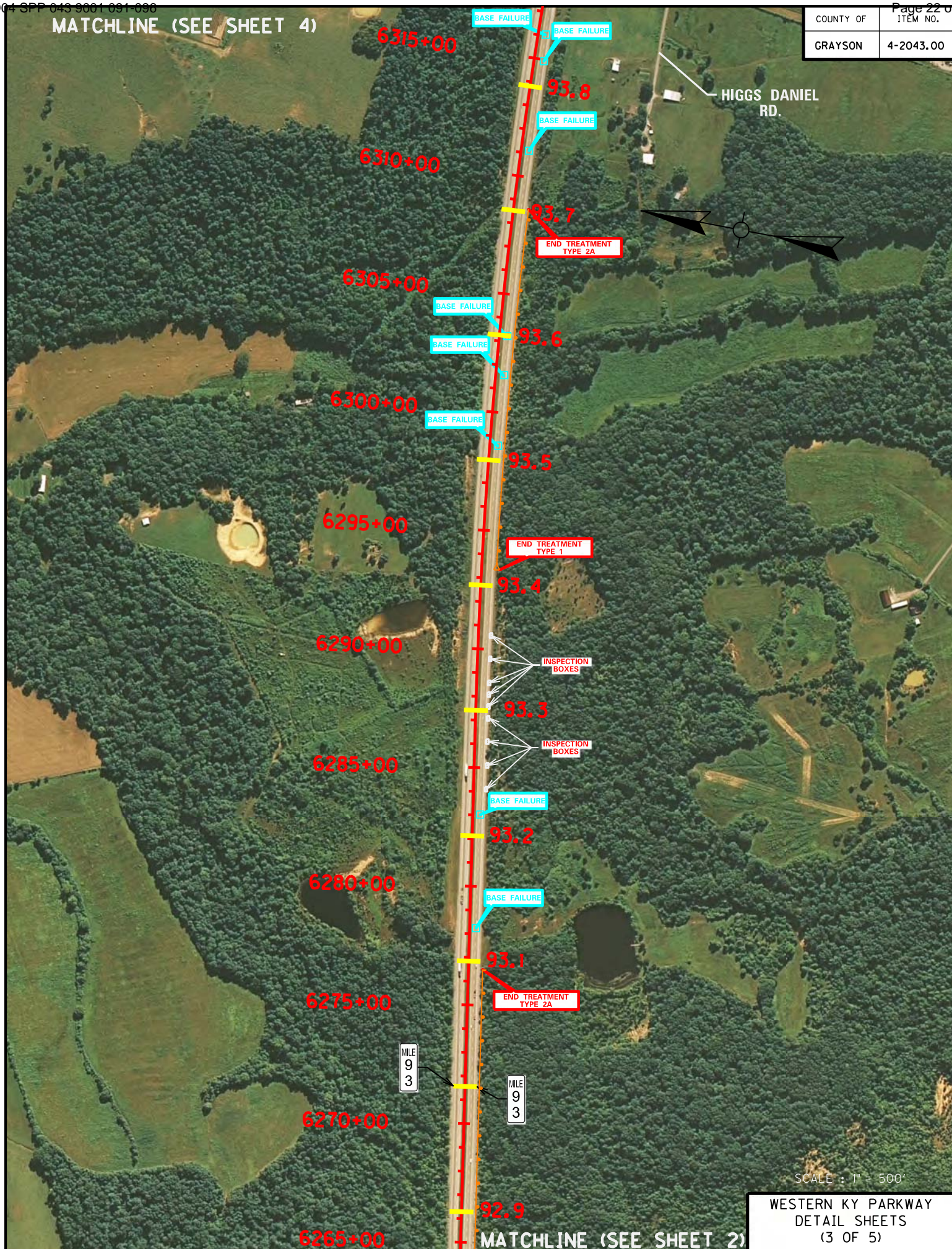


COUNTY OF	ITEM NO.
GRAYSON	4-2043.00





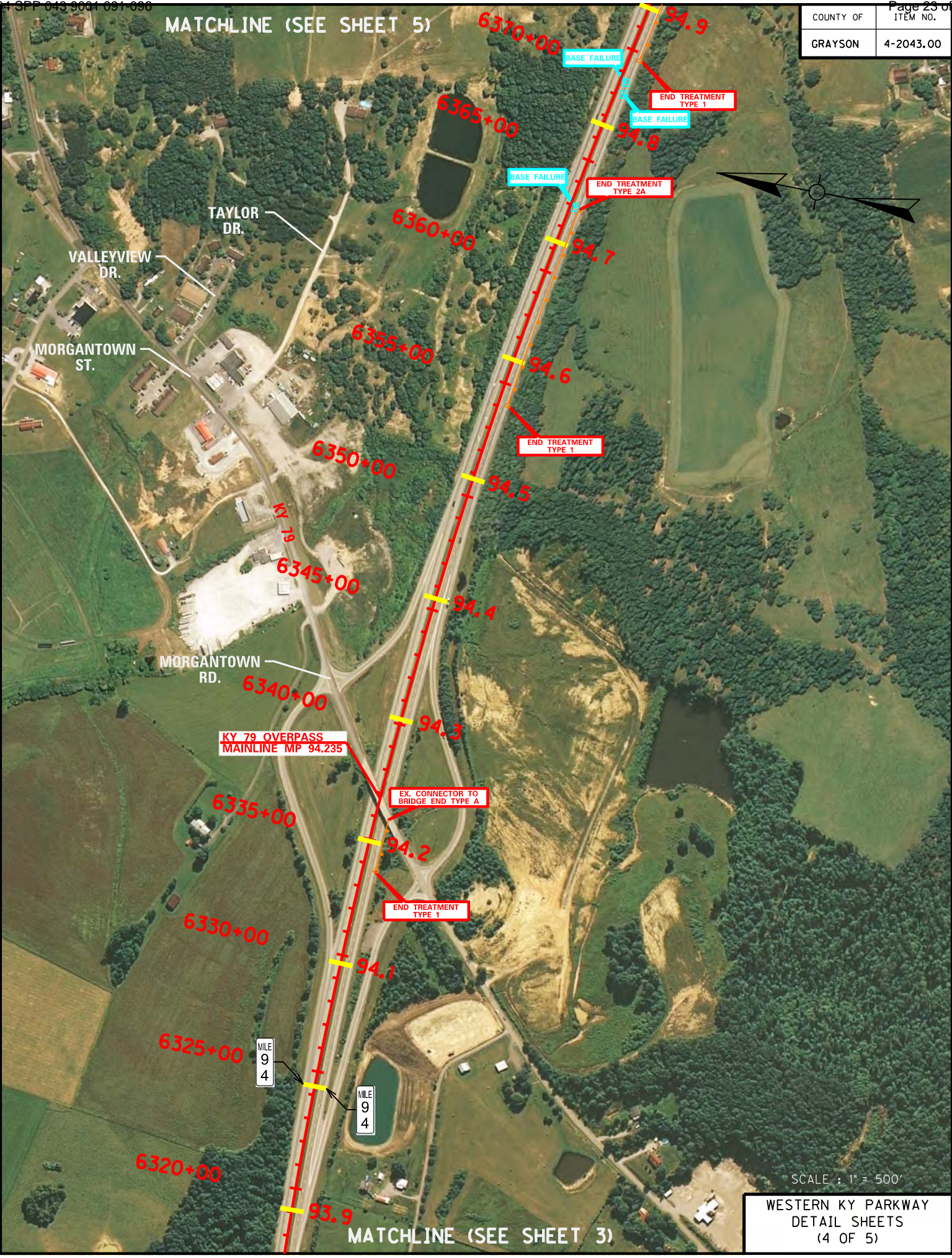
COUNTY OF	ITEM NO.
GRAYSON	4-2043.00





MATCHLINE (SEE SHEET 5)

COUNTY OF	ITEM NO.
GRAYSON	4-2043.00



KY 79 OVERPASS  
MAINLINE MP 94.235

EX. CONNECTOR TO  
BRIDGE END TYPE A

END TREATMENT  
TYPE 1

END TREATMENT  
TYPE 2A

END TREATMENT  
TYPE 1

BASE FAILURE

BASE FAILURE

BASE FAILURE

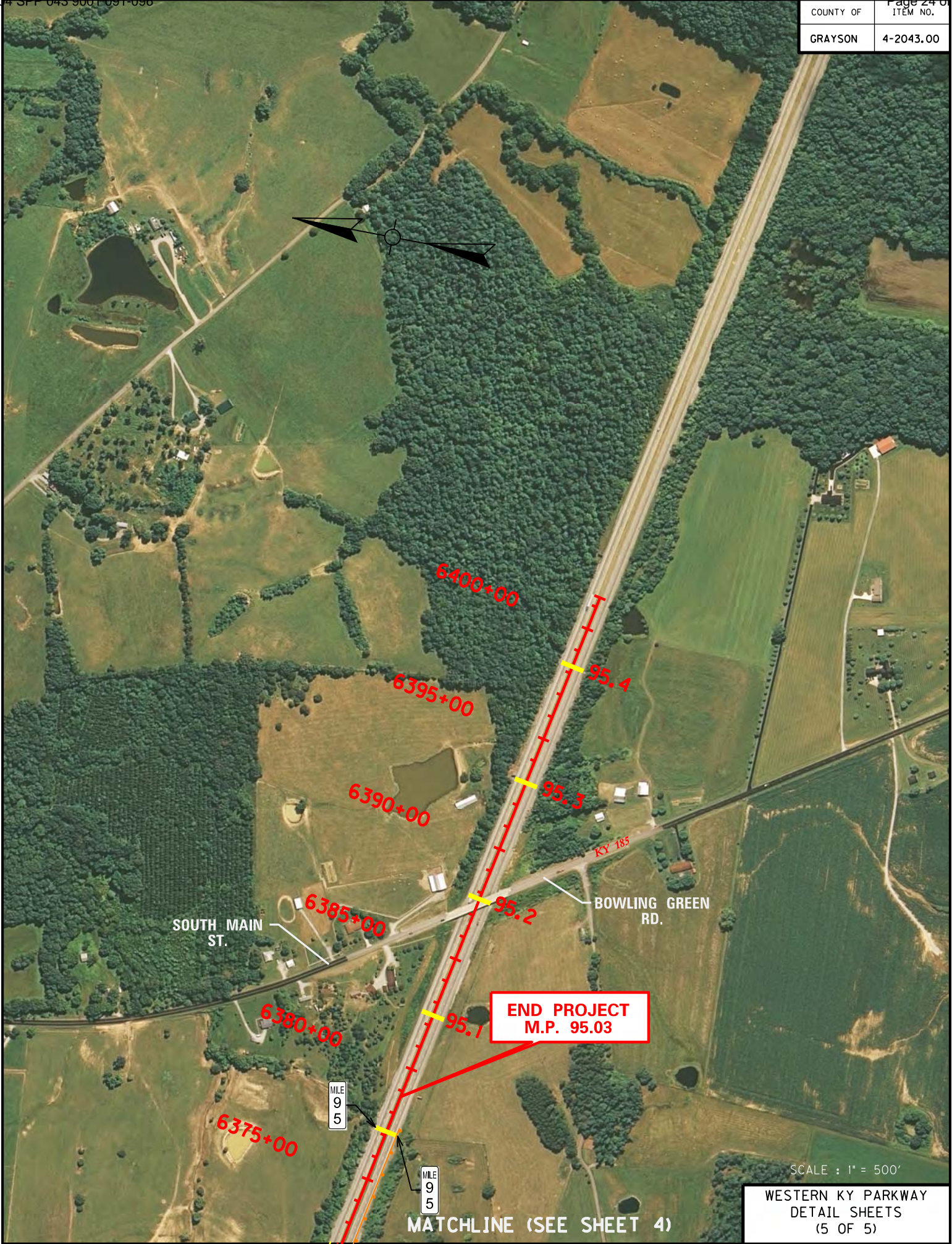
SCALE : 1" = 500'

WESTERN KY PARKWAY  
DETAIL SHEETS  
(4 OF 5)

MATCHLINE (SEE SHEET 3)



COUNTY OF	ITEM NO.
GRAYSON	4-2043.00

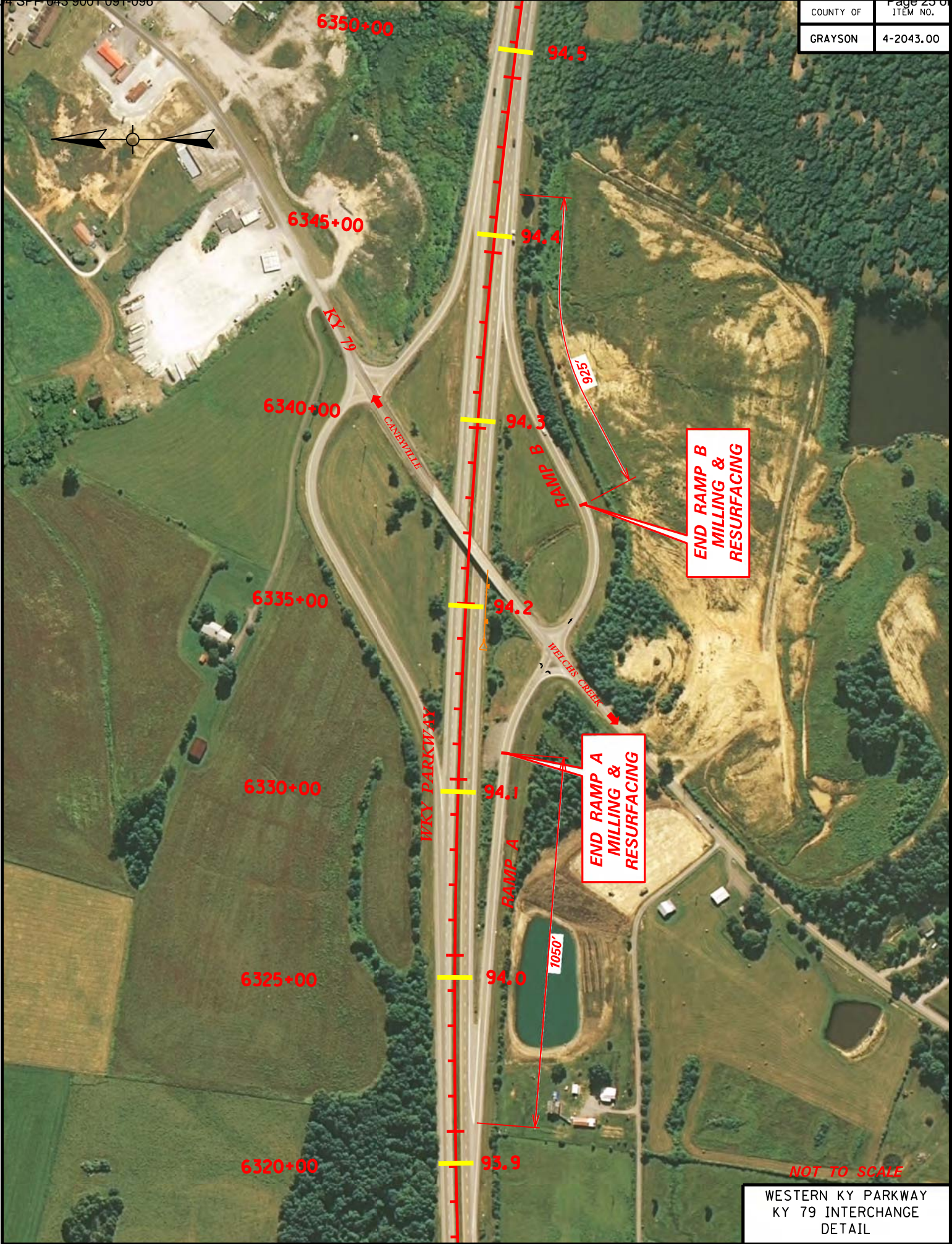


SCALE : 1" = 500'

WESTERN KY PARKWAY  
DETAIL SHEETS  
(5 OF 5)



COUNTY OF	ITEM NO.
GRAYSON	4-2043.00



WESTERN KY PARKWAY  
KY 79 INTERCHANGE  
DETAIL



COUNTY OF	ITEM NO.
GRAYSON	4-2043.00



6355+00

94.6

WKY PARKWAY

300' Taper

6350+00

94.5

433'

6345+00

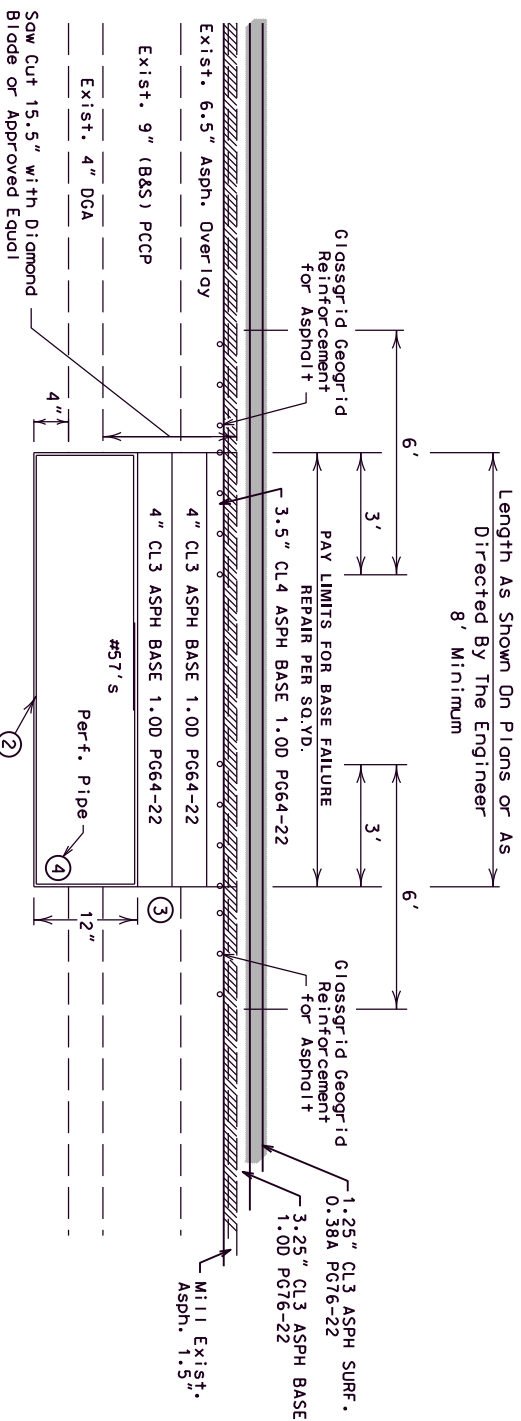
94.4

END OF STRIPE  
EXTEND ACCELERATION  
LANE

NOT TO SCALE

WESTERN KY PARKWAY  
ACCELERATION LANE  
DETAIL

EASTBOUND M.P.	P.T. #	S.Y.	4" PERF. PIPE	P.P. HDWL.
91.33	265	11	12	
91.68	217	11	12	
93.13	375	16	12	
93.22	370	16	12	
93.51	347	19	12	
93.57	342	13	12	
93.60	338	27	12	
93.75	327	21	12	
93.82	325	16	12	
93.84	323	16	12	
94.73	425	27	12	
94.83	432	24	12	
94.84	433	24	12	
TOTAL		241	156'	



## BASE FAILURE REPAIR PROFILE DETAIL

**NOTE FOR BASE FAILURE REPAIR DETAIL**

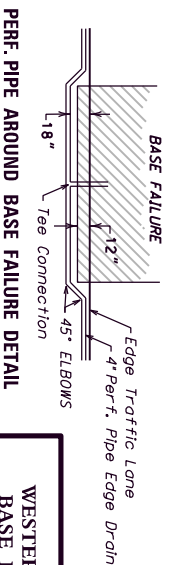
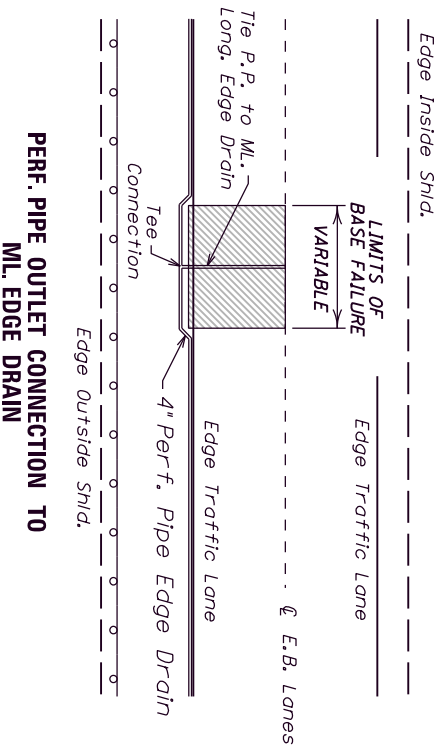
- ① BASE FAILURE locations are shown in the proposal by Mile Points. The Engineer shall make the final determination as to the width and the exact location of the Base Failure. Locations shown on the plans may be eliminated by the Engineer.

After all existing material has been removed to the dimensions shown, each course or backfill material shall be compacted to the proper density for the material being placed as required in the Standard Specifications. The 4' perforated pipe shall not be wrapped and only coarse aggregate shall be used.

The Contractor shall allow 2 weeks minimum between completion of the Base failure Repair and the Asphalt Overlay Construction to allow for settlement. Leveling and Wedging using Asphalt Base material shall be used to bring the repaired area back to existing grade if settlement occurs.

The contract unit bid price per 50 YD for 'Base Failure Repair' shall include saw cutting through the asphalt and BBS PC Pavement, removing pavement, roadway excavation, perforated pipe-4 inch, crushed aggregate size no. 57, CL4 asphalt base CL3, 1,000 PG 64-22, geogrid reinforcement for asphalt, fabric-geotextile type IV, and all incidentals necessary to complete the installation as detailed.

- ② Fabric-Geotextile Type IV required around coarse aggregate.
- ③ The repair shall extend 1 FOOT beyond the edge of pavement or as directed by the Engineer.
- ④ Place the Perforated Pipe at the low point of the diquat and provide positive drainage for the outfall line as shown in the perforated pipe detail.



NOT TO SCALE

### PERF. PIPE AROUND BASE FAILURE DETAIL

**WESTERN KY. PARKWAY  
BASE FAILURE REPAIR**

COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-2043.0	

COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-2043.0	

DITCH REPAIR AREAS	
LOCATION	
MP 91.18 to MP 91.30	
MP 91.90 to MP 92.12	
MP 92.15 to MP 92.21	
MP 92.26 to MP 92.39	
MP 92.66 to MP 92.73	
MP 93.70 to MP 93.41	
MP 93.31 to MP 93.90	
MP 94.02 to MP 94.17	
MP 94.83 to MP 94.85	
TOTAL	

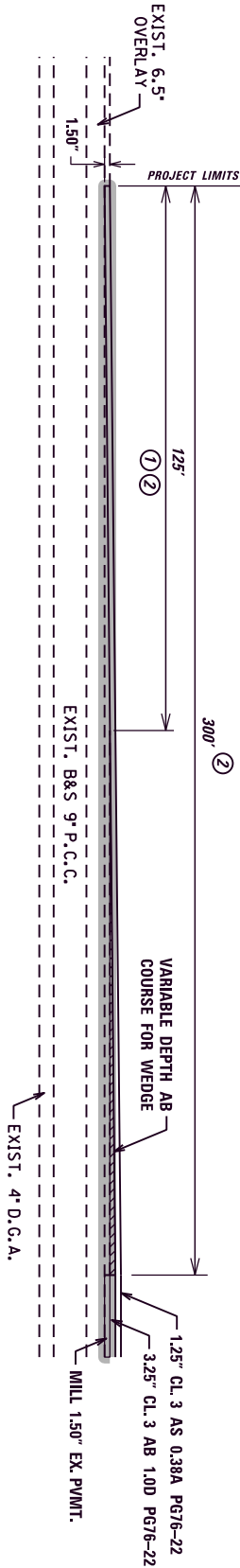


**WESTERN KY. PARKWAY  
SHOULDER & DITCH  
REPAIR DETAILS**



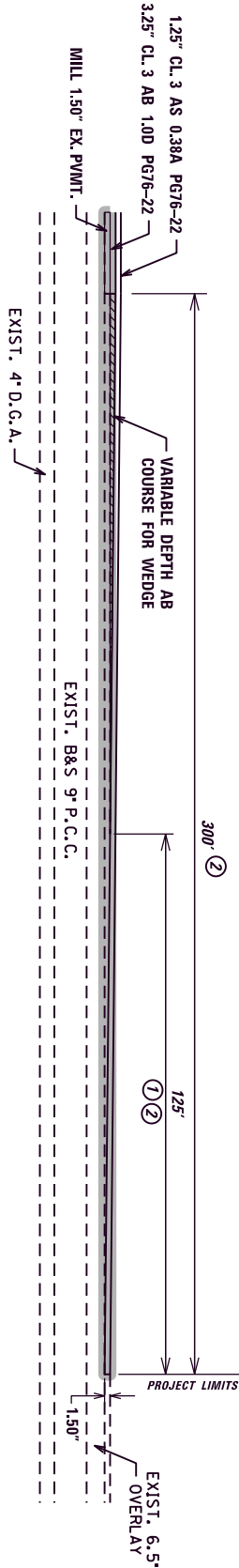
WESTERN KENTUCKY PARKWAY  
TIE-INS FOR OVERLAYS AT PROJECT TERMINI

COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-2043.0	



PROJECT LIMITS AT MP 91.1

- ① MILL TO RECEIVE 1.25" BS "AK/A"
- ② REDUCE DIMENSIONS TO 50' & 100' FOR RAMP TERMINI



PROJECT LIMITS AT MP 95.03

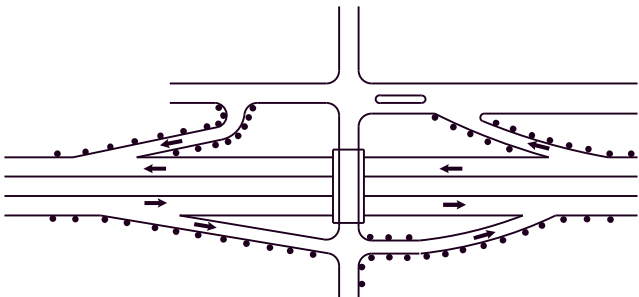
NOT TO SCALE

WESTERN KY. PARKWAY  
PROJECT TIE-INS @  
MP 91.1 & MP 95.03

WESTERN KENTUCKY PARKWAY  
GRAYSON COUNTY  
PAVEMENT REHABILITATION, MILEPOST 91.10 TO 95.03  
ITEM NO. 4-2043.00  
FLEXIBLE DELINEATOR POST SPACING DETAILS

SPACING FOR HIGHWAY DELINEATORS ON HORIZONTAL CURVES  
(DISTANCE IN FEET ROUNDED TO THE NEAREST 5 FEET)

RADIUS OF CURVE (IN FEET)	SPACING ON CURVE (IN FEET)	SPACING IN ADVANCE AND BEYOND CURVE (IN FEET)		
		1ST	2ND	3RD
50	20	40	65	125
150	30	60	90	180
200	35	70	110	215
250	40	85	125	250
300	50	95	145	290
400	55	110	170	300
500	65	125	190	300
600	70	140	210	300
700	75	150	230	300
800	80	165	245	300
900	85	175	260	300
1000	90	185	275	300



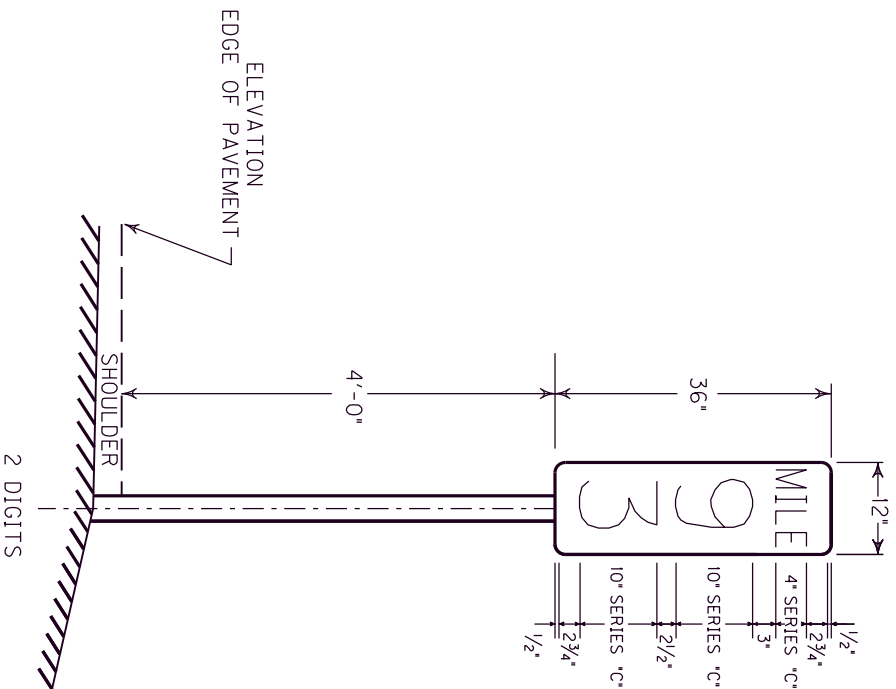
TYPICAL INTERCHANGES RAMP DELINEATION

SPACING FOR SPECIFIC RADII NOT SHOWN MAY BE INTERPOLATED FROM TABLE. THE MINIMUM SPACING SHOULD BE 20 FEET. THE SPACING ON CURVES SHOULD NOT EXCEED 300 FEET. IN ADVANCE OF OR BEYOND A CURVE, AND PROCEEDING AWAY FROM THE END OF THE CURVE, THE SPACING OF THE FIRST DELINEATOR IS 2S, THE SECOND 3S, AND THE THIRD 6S BUT NOT TO EXCEED 300 FEET. S REFERS TO THE DELINEATOR SPACING FOR SPECIFIC RADII COMPUTED FROM THE FORMULA  $S=3\sqrt{R-50}$ .

DELINEATION ON THE TANGENT SECTION OF THE MAINLINE WHERE RAISED PAVEMENT MARKERS ARE IN PLACE IS NOT REQUIRED. HOWEVER, DELINEATION IS REQUIRED ON ALL CURVES OF THE MAINLINE. THE SPACING SHALL BE COMPUTED FROM THE FORMULA  $S=3\sqrt{R-50}$ .

NOTE: CHANNELIZATION ON RAISED ISLANDS ON RAMPS AT RAMP TERMINI IS TO BE DELINEATED WITH A MINIMUM OF THREE DELINEATORS PER ISLAND. NO DELINEATION ON PAINTED ISLANDS.

FOR ADDITIONAL INFORMATION ON DELINEATION, SEE SECTION 3D OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.



### TYPICAL SIGN PANEL DIMENSIONS AND REFERENCE MARKER LOCATION

COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-2043.0	

MILE POINT RANGE FOR EASTBOUND DIRECTION	* NUMBER OF MILE POSTS
91 TO 95	5

MILE POINT RANGE FOR WESTBOUND DIRECTION	• NUMBER OF MILE POSTS
95 TO 91	5

## NOTES:

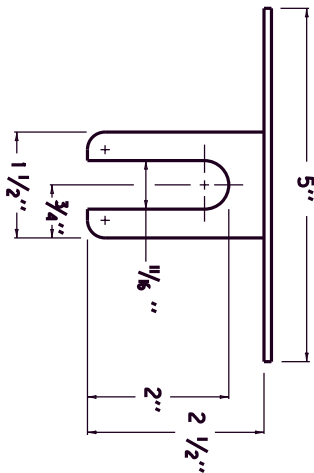
- MILE POSTS ARE TO BE PLACED AT 1.0 MILE INTERVAL.
- REMOVAL OF EXISTING REFERENCE MARKERS IS TO BE CONSIDERED INCIDENTAL TO THE CONTRACT.

NOT TO SCALE

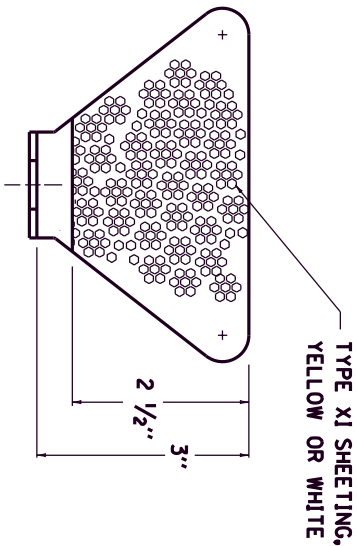
**MILE MARKER  
SIGNING POSITIONING  
DETAIL SHEET**

NOTES

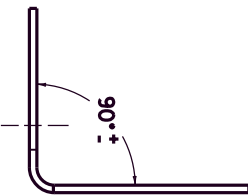
1. THE DELINEATOR'S SHAPE AND DIMENSIONS ARE SHOWN FOR ILLUSTRATION PURPOSES ONLY. TYPES OF DELINEATORS PERMITTED SHALL BE FROM THE LIST OF APPROVED MATERIALS.
2. DELINEATOR SHALL BE MEASURED AND PAID FOR AT THE CONTRACT UNIT PRICE EACH AND SHALL INCLUDE ALL MATERIALS AND LABOR NECESSARY FOR ONE COMPLETE INSTALLATION.
3. CODE  
1982 DELINEATOR FOR GUARDRAIL - MONO DIRECTIONAL WHITE  
1983 DELINEATOR FOR GUARDRAIL - MONO DIRECTIONAL YELLOW  
1987 DELINEATOR FOR GUARDRAIL - BI-DIRECTIONAL WHITE
4. GUARDRAIL DELINEATORS SHALL BE REQUIRED ON ALL GUARDRAIL.
5. DELINEATORS SHALL BE MANUFACTURED FROM 12 GA. GALVANIZED STEEL.
6. DIMENSIONS SHOWN ARE APPROXIMATE AND ARE SUBJECT TO MANUFACTURER'S TOLERANCES.
7. WHEN CONCRETE BARRIERS EXTEND ACROSS BRIDGE STRUCTURES IN LIEU OF STEEL BEAM GUARDRAIL, DELINEATORS SHALL BE INSTALLED AT SAME VERTICAL ALIGNMENT AS ON THE GUARDRAIL, AND DELINEATORS SHALL COMPLY WITH CURRENT SEP1A DRAWING 004.
8. DELINEATORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.



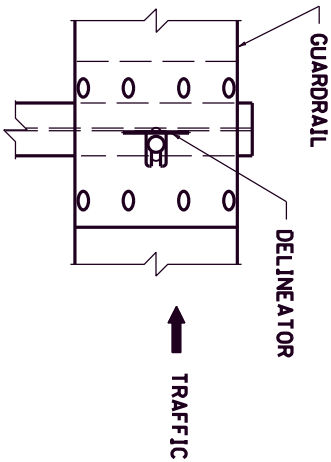
PLAN VIEW



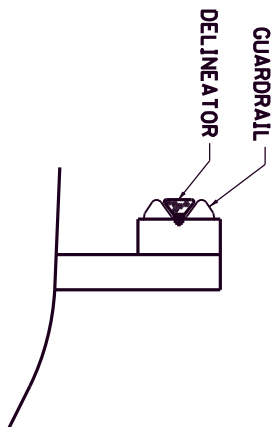
FRONT VIEW



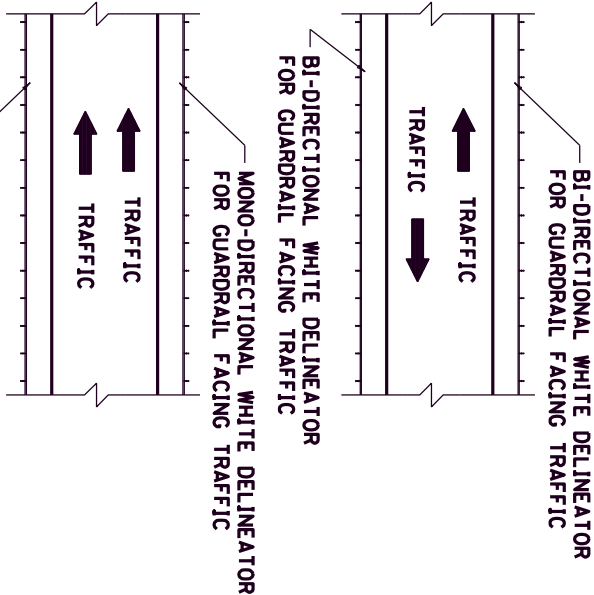
SIDE VIEW



FRONT VIEW



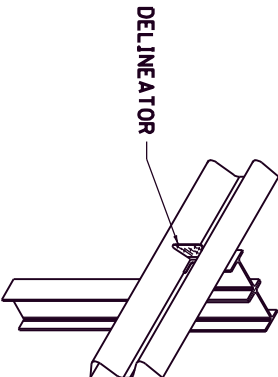
SIDE VIEW



PLACEMENT OF DELINEATORS FOR GUARDRAIL

APPROXIMATE DELINEATOR SPACING	
TANGENT	100'
CURVE	50'

SPACING SHOULD BE ADJUSTED IN CURVES SO THAT SEVERAL DELINEATORS ARE ALWAYS SIMULTANEOUSLY VISIBLE TO THE ROAD USER.

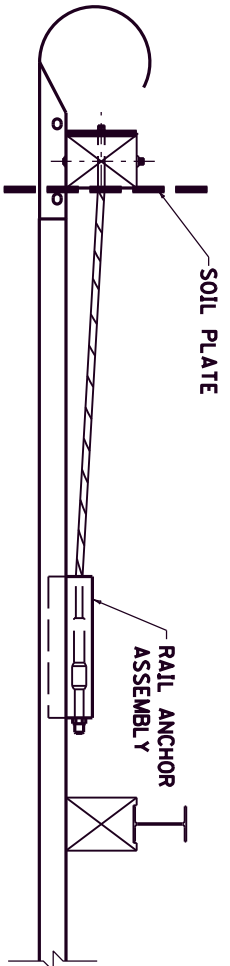


ISOMETRIC VIEW

COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-2043.0	

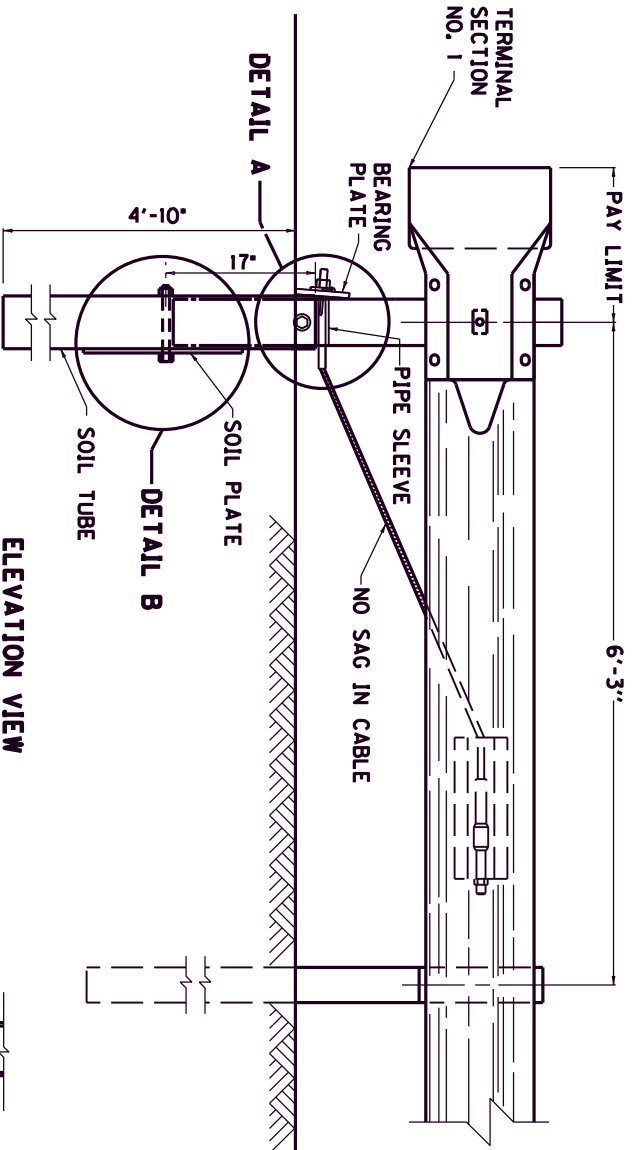
KENTUCKY DEPARTMENT OF HIGHWAYS	
DELINEATORS FOR GUARDRAIL	
SUBMITTED DIRECTOR DIVISION OF DESIGN	6-15-2012 DATE
002	



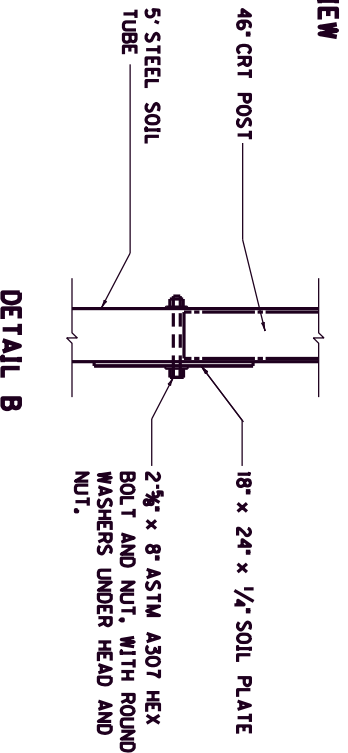
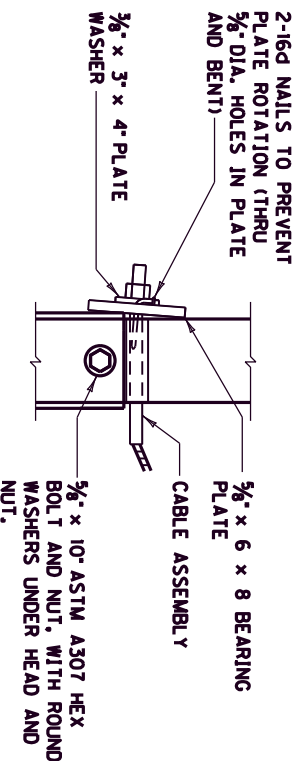


### NOTES

1. GUARDRAIL END TREATMENT TYPE 2A SHALL BE TO THE PAY LIMITS AS DETAILED. THE CONTRACT UNIT BID IS EACH AND SHALL INCLUDE A TERMINAL SECTION NO. 1, RAIL ANCHOR ASSEMBLY, CABLE ANCHOR ASSEMBLY AND ALL OTHER INCIDENTALS NECESSARY FOR A COMPLETE INSTALLATION AS DETAILED.
2. IN THE EVENT SOLID ROCK IS ENCOUNTERED, THE SOIL TUBE MAY BE SHORTENED, PROVIDED IT EXTENDS INTO THE SOLID GROUND A MINIMUM OF 3 FEET.
3. INSTALL BEARING PLATE SO THAT THE "V" OPENING IS AT THE TOP.



### DETAIL A



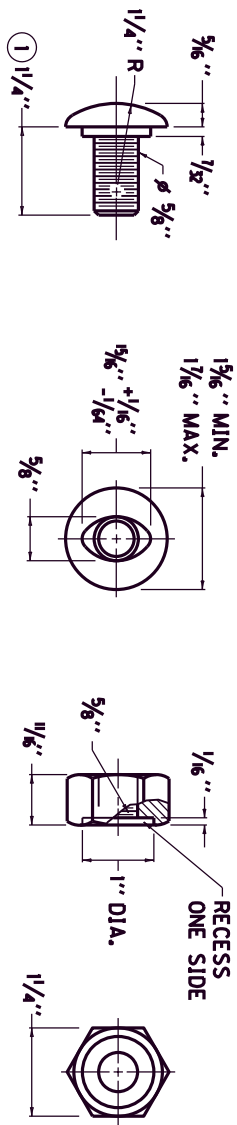
USE WITH CUR. STD. DWGS.  
RBR-010, RBL-001,  
RBL-002, RBL-003

KENTUCKY  
DEPARTMENT OF HIGHWAYS

GUARDRAIL  
END TREATMENT  
TYPE 2A

SUBMITTED: *[Signature]* 6-15-2012  
DATE

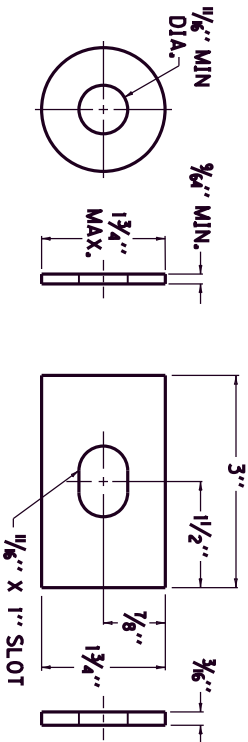
007



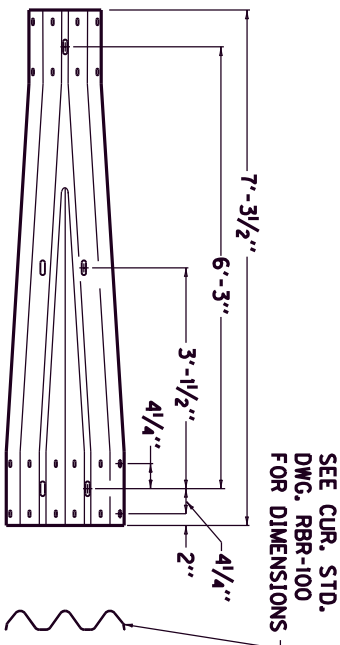
5/8" BUTTON HEAD BOLT AND RECESSED NUT

- NOTES
- ① RAIL BOLT SIMILAR EXCEPT LENGTH.
  - ② THE THREE BEAM TO "W" BEAM CONNECTOR SHALL COMPLY WITH AASHTO M-180 CLASS A, TYPE 2 EXCEPT WHERE IN CONFLICT WITH THIS DETAIL.

ROUND WASHER AND RECTANGULAR PLATE WASHER



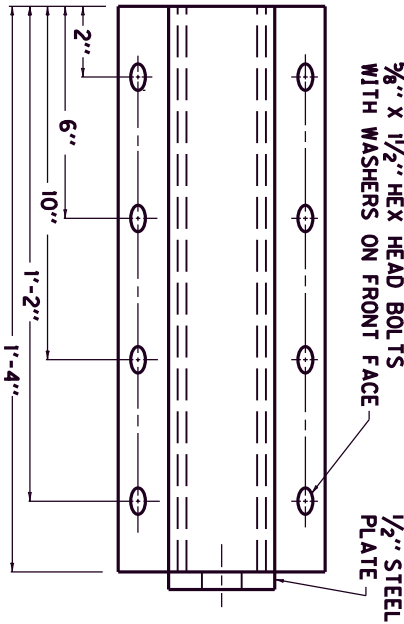
SEE CUR. STD.  
DWG. RBR-001  
FOR DIMENSIONS



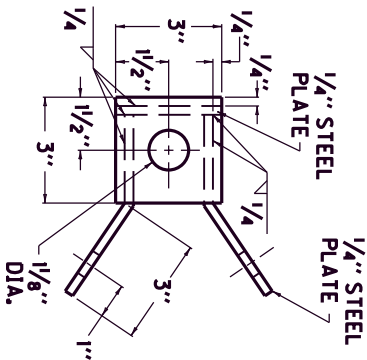
SEE CUR. STD.  
DWG. RBR-100  
FOR DIMENSIONS

THREE BEAM TO "W" BEAM CONNECTOR ②

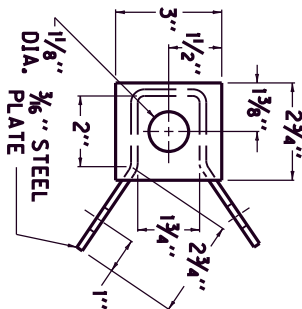
3/4" DIA.-8 HOLES, FOR  
5/8" X 1 1/2" HEX HEAD BOLTS  
WITH WASHERS ON FRONT FACE



ALTERNATE NO. 1



ALTERNATE NO. 2



KENTUCKY  
DEPARTMENT OF HIGHWAYS

GUARDRAIL  
COMPONENTS

SUBMITTED:  6-15-2012  
DATE

008

**GRAYSON COUNTY  
WESTERN KENTUCKY PARKWAY  
MP 91.1 TO MP 95.03 EASTBOUND LANES  
Item No. 4-2043.0**

<b>THIS PROJECT IS A FULLY CONTROLLED ACCESS HIGHWAY</b>
--

## **I. DESCRIPTION**

Perform all work in accordance with the Department's 2012 Standard Specifications, Supplemental Specifications, applicable Special Provisions, and applicable Standard and Sepia Drawings, except as hereafter specified. Article references are to the Standard Specifications. Furnish all materials, labor, equipment, and incidentals for the following work:

**Eastbound Traffic Lanes and Shoulders:**

(1) Maintain and Control Traffic; (2) Remove and replace Guardrail and Guardrail End treatments, (3) Type V pavement markers and Durable Waterbourne Markings; (4) Asphalt Pavement Milling and Texturing; (5) Asphalt Surface and Asphalt Base (6) Base Failure Repairs, (7) Acceleration Lane Extension, (8) Longitudinal Edge Drains and (9) All other work specified as part of this contract.

## **II. MATERIALS**

Except as specified in these notes or on the drawings, all materials will be according to the Standard Specifications and applicable Special Provisions and Special Notes. The Department will sample and test all materials according to Department's Sampling Manual and the Contractor will have the materials available for sampling a sufficient time in advance of the use of the materials to allow for the necessary time for testing, unless otherwise specified in these notes.

- A. **Maintain and Control Traffic.** See Traffic Control Plan.
- B. **Crushed Stone Base.** DGA Base shall not be used in lieu of Crushed Stone Base on this project.
- C. **Pavement Markings -6 inch.** Use Durable Waterbourne Markings 6-inch for permanent striping (12 inch at entrance and exit ramp tapers).
- D. **Crushed Aggregate Size No. 2.** Crushed Aggregate Size No. 2 will be limestone.

- E. **Channel Lining Class II & III.** Channel lining will be limestone and is to be placed at pipe outlets with significant erosion and in ditch repair locations as directed by the Engineer.
- F. **Erosion Control Blanket.** Erosion control blanket is to be placed in all ditching areas when ditching is complete, on slope stabilization areas, or as directed by the Engineer. Use Seed Mixture No. 1
- G. **18" Reinforced Concrete Pipe.** For pipe extension at the eastbound acceleration lane extension at MP 94.4. No Alternate.
- H. **Earthwork.** Contrary to Section 206 of the Standard Specifications Earthwork shall be paid per "Lump Sum" on this project.

### III. CONSTRUCTION METHODS

- A. **Maintain and Control Traffic.** See Traffic Control Plan.
- B. **Site Preparation.** Be responsible for all site preparation. Do not disturb existing signs. This item will include, but is not limited to, incidental excavation and backfilling; removal of all obstructions or any other items; disposal of materials; sweeping and removal of debris; shoulder preparation and restoration, temporary and permanent erosion and pollution control; and all incidentals. Site preparation will be only as approved or directed by the Engineer. Other than the bid items listed, no direct payment will be made for site preparation, but will be incidental to the other items of work.
- C. **Disposal of Waste.** Dispose of all debris and other waste off the right-of-way at approved sites obtained by the Contractor at no additional cost to the Department. The contractor will be responsible for obtaining any necessary permits for this work. Temporary openings in the right of way fence for direct access to waste sites off the right of way or for access to other public roads will not be allowed. No separate payment will be made for the disposal of waste and debris from the project or obtaining the necessary permits, but will be incidental to the other items of the work.
- D. **Final Dressing, Clean Up, and Seeding and Protection.** After all work is completed, completely remove all debris from the job site. Perform Class A Final Dressing on all disturbed areas. Sow disturbed earthen areas with Seed Mixture No. I. These items are incidental to other items in the contract.
- E. **Guardrail.** Remove and replace guardrail and guardrail End Treatments listed in the Guardrail Summary or as directed by the Engineer. Quantities are approximate only. Actual locations will be determined by the Engineer at the time of construction. Grade and reshape shoulders to proper template for new End Treatment. Utilize CSB for embankment when required for new end treatments.

Remove existing guardrail with a lane closure in place. Do not leave the area unprotected. After the guardrail is removed, a shoulder closure shall remain in place until the guardrail is replaced in that area.

- F. **Pavement Striping and Pavement Markers.** Permanent striping will be in accordance with Section 112, except that:

- (1). Striping will be 6" in width, except 12" in gore area;
- (2). Permanent striping will be in place before a lane is opened to traffic;  
and
- (3). Permanent striping will be Durable Waterbourned Markings.
- (4.) Pavement Markers shall be installed per Std. Drwg. TPM 105-02  
Arrangement "C" and Std. Drwg. TPM 125-02.

- G. **On-Site Inspection.** Each Contractor submitting a bid for this work will make a thorough inspection of the site prior to submitting a bid and will thoroughly familiarize himself with existing conditions so that the work can be expeditiously performed after a contract is awarded. Submission of a bid will be considered evidence of this inspection having been made. Any claims resulting from site conditions will not be honored by the Department.

- H. **Caution:** Information shown on the drawings and in this proposal and the types and quantities of work listed are not to be taken as an accurate or complete evaluation of the material and conditions to be encountered during construction. The bidder must draw his own conclusions as to the conditions encountered. The Department does not give any guarantee as to the accuracy of the data and no claim will be considered for additional compensation if the conditions encountered are not in accordance with the information above.

- I. **Utility Clearance.** It is not anticipated that utility facilities will need to be relocated and/or adjusted; however, in the event that it is discovered that the work does require that utilities be relocated and/or adjusted, the utility companies will work concurrently with the Contractor while relocating their facilities.

#### IV. METHOD OF MEASUREMENT

- A. **Maintain and Control Traffic.** See Traffic Control Plan.
- B. **Site Preparation.** Other than the bid items listed, site preparation will not be measured for payment, but will be incidental to the other items of work.
- C. **Crushed Aggregate Size No. 2.** Payment will be based on the tons used around the perforated pipe outlet headwalls, erosion around pipe inlets and outlets, washouts behind guardrail and other areas as directed by the Engineer.

- D. **Raised Pavement Markers and Permanent Striping.** Permanent striping Durable Waterbourned Markings (6" and 12") is measured per linear foot. See Traffic Control Plan. Type V Pavement Markers are measured as each. No direct payment will be made for the removal of the existing pavement markers prior to the milling operation and shall be considered incidental to milling and texturing.
- E. **Erosion Control.** Erosion control items are not listed as bid items and will not be measured for payment, but will be considered incidental to the "lump sum" price for the bid item "KPDES Permit and Temporary Erosion Control".
- F. **Erosion Control Blanket.** Erosion Control Blanket is measured by square yard..
- G. **Base Failure Repair.** Base failure repair shall be bid "square yards" and consists of all labor, equipment and materials to complete the repair as shown in the detail provided in the proposal. Additional quantities have been included for base failure repairs, 4" non-perforated pipe and Ty.1 and Ty.3 perforated pipe headwalls to be used as directed by the Engineer.
- H. **Earthwork.** All earthwork associated with the acceleration lane extension at MP 94.4, including clearing and grubbing and seeding and protection, necessary to complete the acceleration lane to final subgrade elevation and graded to drain.
- I. **Shoulder Repair and Ditch Repair.** Shoulder Repair consists of milling the existing shoulder to a depth specified on the shoulder repair detail or as directed by the Engineer and refilling with Asphalt Base. Shoulder repair areas are shown on the shoulder repair detail and may be modified or additional areas repaired as directed by the Engineer. Existing roadside ditches are to be repaired per detail. See Basis of Payment.
- J. **Remove Existing Paved Ditch.** The existing paved ditch at MP 91.46 (50' length) shall be removed and replaced with class II channel lining. Quantities for remove paved ditch and class II channel lining have been included in the general summary.

## V. BASIS OF PAYMENT

No direct payment will be made other than for the bid items listed. All other items required to complete the construction will be incidental to the bid items listed. Existing signs damaged by the Contractor will be replaced by the Contractor at his expense.

- A. **Maintain and Control Traffic.** See Traffic Control Plan.
- B. **Site Preparation.** Other than the bid items listed, no direct payment will be allowed for site preparation, but will be incidental to the other items of work.
- C. **Crushed Stone Base.** See Section 302 of the Standard Specifications.
- D. **Raised Pavement Markers and Permanent Striping.** See Traffic Control Plan
- E. **Earthwork.** The item earthwork shall be bid “Lump Sum” and shall include all labor, materials and equipment necessary to complete the acceleration lane extension as shown in the proposal up to subgrade elevation. Clearing and Grubbing shall not be a bid item and shall be considered incidental to the lump sum bid item for Earthwork.
- F. **Lane Closures.** Contrary to the specifications Lane Closures in operation for more than three days shall not be a bid item and shall be considered incidental to the bid item “Maintain and Control Traffic”. Arrow boards and signs shall be paid for one time regardless of how many times they are moved.
- G. **Ditching and Shouldering.** In addition to Section 209 of the Standard Specifications the bid item “Ditching and Shouldering” shall include repairing the shoulders and ditches as shown on the detail provided in the proposal. Asphalt Base per ton used in the shoulder repair and additional milling shall be paid separately per ton.
- K. **Remove Existing Paved Ditch.** The removal of the existing paved ditch shall be paid for as “square yards” and shall include the removal and disposal of the existing concrete off the project limits.
- L. **Milling and Texturing.** Milling and texturing will be paid for per section 408.05 of the 2012 Standard Specifications. No direct payment will be made for stockpiling, reloading and placing the milled material in areas specified in the proposal.

**NOTES APPLICABLE TO PROJECT  
PAVEMENT REHABILITATION  
WKP Grayson County  
Item No. 4-2043.0**

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1. There is a summary of base failure repair locations on the base failure detail sheet. The Engineer will determine the ultimate locations that will be repaired based upon the condition of the pavement at the time the repairs are accomplished. The repair locations listed may be lengthened, shortened, or eliminated completely if the conditions are such that modification of the locations would be deemed desirable by the Department.
2. The dimensions shown on the typical section for pavement and shoulder widths and thickness are nominal or typical dimensions. The actual dimensions to be constructed may be varied to fit existing conditions as directed or approved by the Engineer. It is not intended that existing pavement or shoulders be widened unless otherwise specified in the Proposal.
3. The contractor is to be advised of the locations of overhead utility wires on the project. The following locations are approximate:

MP 92.27  
MP 93.73  
MP 94.18  
MP 94.76

**CAUTION:** Other overhead utility locations may exist. These and all other utilities should be avoided on this project. If any utility is impacted, it will be the contractor's responsibility to contact the affected utility and cover any costs associated with the impact.

**CAUTION:** The contractor is advised that underground utilities, including KYTC facilities, may exist on the project.

All utilities should be avoided on this project. If any utility is impacted, it will be the contractor's responsibility to contact the affected utility and cover any costs associated with the impact.

4. Milepost 94 shall be replaced in its current location. The remaining mileposts shall be field measured and set based on MP 94.
5. Roadside ditches throughout the project have foreslopes steeper than 4:1 and shoulders that are eroding significantly. These areas shall be regraded and dressed as shown on the ditch repair details and/or as directed by the Engineer. Locations for repair are shown on the ditch repair detail.



6. All existing Guardrail, End Treatments, and Terminal Sections are to be replaced with this project. The location of new guardrail and end treatments are listed by milepoints. Exact placement is to be approved by the Engineer during construction. Guardrail installation is to take place one week after the general milling & filling paving operations are completed. Remove any existing guardrail with a lane closure in place. Do not leave the area unprotected. After the guardrail is removed, a shoulder closure shall remain in place until the guardrail is replaced in that area. A maximum of seven calendar days will be allowed between the removal of a guardrail section and the installation of new guardrail at that same location.
7. The Contractor shall deliver existing salvaged guardrail system materials to the Central Sign Shop and Recycle center at 1224 Wilkinson Blvd in Frankfort, KY. Contact Section Supervisor at (502) 564-8187 to schedule the delivery of material. Deliver the material between the hours of 8:00AM and 3:30PM, Monday through Friday. There is a guardrail delivery verification sheet which must be completed and signed by the Contractor, Engineer and a representative of the Central Sign Shop and Recycle Center
8. The existing perforated pipe and headwalls on the outside edge of the traffic lane shall be removed and replaced per detail. The existing pipe and headwalls shall become the property of the contractor and disposed of off the project. All pipe connections in the edge drain system will be rigid. All concrete inspection boxes located on the existing outside edge of traffic lane shall be removed prior to perforated pipe construction. Removal of these boxes shall be considered incidental to the perforated pipe. Quantities for the asphalt cap have been included in the summaries.
9. A quantity of Crushed Aggregate No.2, Channel Lining Class II & Channel Lining Class III have been included to be used at eroded areas around drainage outlets / inlets, shoulder washouts behind the guardrail and other areas as directed by the Engineer. Geotextile Fabric Type I will not be measured for payment and will be considered incidental to channel lining.
10. Any roadway signs that are damaged during construction are to be replaced at the contractor's expense.
11. Any light poles that are damaged during construction are to be replaced at the contractor's expense.

**TRAFFIC CONTROL PLAN  
GRAYSON COUNTY  
WESTERN KENTUCKY PARKWAY  
MP 91.1 TO MP 95.03 EASTBOUND LANES  
Item No. 4-2043**

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<b>THIS PROJECT IS A FULLY CONTROLLED ACCESS HIGHWAY</b>
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**TRAFFIC CONTROL GENERAL**

Except as provided herein, "Maintain and Control Traffic" shall be in accordance with the 2012 Standard Specifications and the 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 (35 miles per hour for ramps) 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 signs erected. Any relocation or covering of the signs will be incidental to "Maintain and Control Traffic," lump sum.

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

## **PROJECT PHASING & CONSTRUCTION PROCEDURES**

Traffic may be reduced to one lane in each direction all times.

Approximate base failure repair locations are listed in the proposal. The Engineer will determine the exact location and dimensions at the time of construction. Once removal of pavement at a particular repair location has begun, work continuously to complete the work and eliminate the digout. Place Type III Barricades immediately in front of pavement removal areas. Type III Barricades will not be measured for payment and will be considered incidental to "Maintain and Control Traffic."

Access to all ramps at the Ky.79 interchange shall be maintained at all times unless otherwise directed by the Engineer. Mill and overlay the ramps in two passes allowing a minimum of one 11 foot lane. All diversions to access ramps in areas of lane closures shall be approved by the Engineer prior to implementing the particular lane closure

Maintain traffic as specified in the phasing notes and typical sections. Any other work not requiring traffic lane widths to be restricted due to barrels or equipment encroaching into the driving lanes can be done using a shoulder when two lanes of traffic must be maintained.

The contractor must notify the Engineer at least fourteen (14) days prior to the beginning of each construction phase in either direction.

## **SHOULDER PREPARATION AND RESTORATION**

The clear lane width will be 12 feet; however, make provisions for the passage of wide loads up to 16'. Use a lane closure all times when work is performed in the lane or adjacent shoulder. Shoulders used as temporary roadways will be inspected by the Engineer and if deemed necessary by the Engineer, repaired with asphalt mixture for level & wedging as directed prior to opening to traffic. Perform any maintenance of the shoulder as deemed necessary by the Engineer in order to maintain traffic. Remove failed materials and perform additional patching as directed by the Engineer during the time the shoulder is used as a travel lane. Patch and remove any foreign debris on the shoulders as directed by the Engineer.

The shoulders are to be inspected and low spots refilled to the satisfaction of the Engineer prior to placing traffic on the shoulders. Daytime shoulder closures will be permitted to repair the stabilized shoulders. Install delineators for the existing guardrail and bridges before shifting traffic onto the shoulders. All work required for shoulder preparation and restoration is incidental to Maintenance of Traffic.

### **PHASE I (Pavement Repair Areas)**

Install lane closure per Std. Dwg TTC 115-02 closing the outside lane and diverting one lane of traffic to the inside lane as shown on the MOT typical section. While maintaining traffic on the inside lane construct the base failure repair areas as shown on the detail sheet at locations shown in the proposal and/or as directed by the Engineer.

### **PHASE II IF REQUIRED (Pavement Repair Areas)**

Install lane closure per Std. Dwg TTC 115-02 closing the inside lane and diverting one lane of traffic to the outside lane as shown on the MOT typical section. While maintaining traffic on the outside lane construct the pavement repair areas as shown on the detail sheet at locations shown in the proposal and/or as directed by the Engineer.

**NOTE on pavement repair operations:** Once the pavement has been removed, the contractor must work continuously until the pavement has been replaced. The Engineer may restrict the number of locations being repaired at the same time. Pavement repairs must be completed 2 weeks prior to any general milling & filling pavement operations on those specific repair locations.

### **PHASE I (Milling and Resurfacing)**

Install lane closure per Std. Dwg TTC 115-02 closing the inside lane and diverting one lane of traffic to the outside lane as shown on the MOT typical section. While maintaining traffic on the outside lane mill the inside lane and paved shoulder to a depth of 1.5 inches. Refill the milled area with the 3.25 inch asphalt base course. Install temporary striping on the inside edge of pavement

### **PHASE II (Milling and Resurfacing)**

Install lane closure per Std. Dwg TTC 115-02 closing the outside lane and diverting one lane of traffic to the inside lane as shown on the MOT typical section. While maintaining traffic on the inside lane mill the outside lane and paved shoulder to a depth of 1.5 inches. Refill the milled area with the 3.25 inch asphalt base course. Construct the 1.25 inch surface course, remove existing guardrail, shoulder and ditch repair milling wedge and shoulder grading, install new guardrail and end treatments and construct rumble strips.

### **PHASE III**

Construct the final asphalt surface course on the inside lane using flagpersons and other traffic control devices as directed by the Engineer. Construct the milling wedge and final pavement markings and markers.

Mobile operations may be utilized during striping operations.

## **LANE CLOSURES**

Lane closures may be installed for the length of project, however if work is stopped for a period exceeding three days the lane closure will be taken down and reinstalled as work continues. Contrary to section 112, lane closures will **NOT** be measured for payment, but are considered incidental to “Maintain and Control Traffic,” lump sum.

## **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 TRUCKS USE LEFT/RIGHT LANE, LEFT/RIGHT LANE CLOSED 1 MILE, LEFT/RIGHT LANE CLOSED 2 MILE, LEFT/RIGHT LANE CLOSED 3 MILE, SLOWED/STOPPED TRAFFIC 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 lane shifts, “Roadwork Ahead” signs on entrance ramps, and extra double fine signs and speed limit signs between interchanges to be paid only once no matter how many times they are moved or relocated.

## **FLASHING ARROWS**

Flashing arrows will be paid for once, no matter 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 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.

## **TRUCK MOUNTED ATTENUATORS**

Furnish and install MUTCD approved truck mounted attenuators (TMA) in advance of work areas when workers are present less than 12 feet from traffic. If there is less than 500 feet between work sites, only a single TMA will be required at a location directed by the Engineer. Locate the TMAs at the individual work sites and move them as the work zone moves within the project limits. All details of the TMA installations shall be approved by the Engineer. TMA will not be measured for payment, but are incidental to "Maintain and Control Traffic," lump sum. The Department **WILL NOT** take possession of the TMAs upon completion of the work.

## **PAVEMENT MARKINGS**

If lane closures are in place during nighttime hours, 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 and replacing or covering and uncovering the lenses, but will be incidental to "Maintain and Control Traffic," lump sum.

Place temporary and permanent striping in accordance with Section 112, except that:

1. Temporary and permanent striping will be 6" in width
2. If the contractor's operations or phasing requires temporary markings which must be subsequently removed from the ultimate pavement, an approved removable lane tape will be used; however removable tape will be measured and paid as Pavement Striping-Temporary Paint 6"
3. Edge lines will be required for temporary striping
4. Existing, temporary, or permanent striping will be in place before a lane is opened to traffic
5. Place permanent striping on bridge decks and pavement within the project limits.
6. Permanent striping will be Durable Waterbourne Markings.

Should the Contractor change the existing striping pattern, the Contractor is to restripe the roadway back to its original configuration after a certain period of time especially 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" – Pavement Repair areas – 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.

Guardrail Installation – Guardrail installation is to take place one week after the general milling & filling paving operations are completed. All areas from which guardrail is removed shall be protected by a lane closure, shoulder closure or other method approved by the Engineer until the new guardrail is installed.

## **TRAFFIC COORDINATOR**

Designate an employee to be traffic coordinator. The designated Traffic Coordinator must be certified by the American Traffic Safety Services Association (ATSSA). 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.

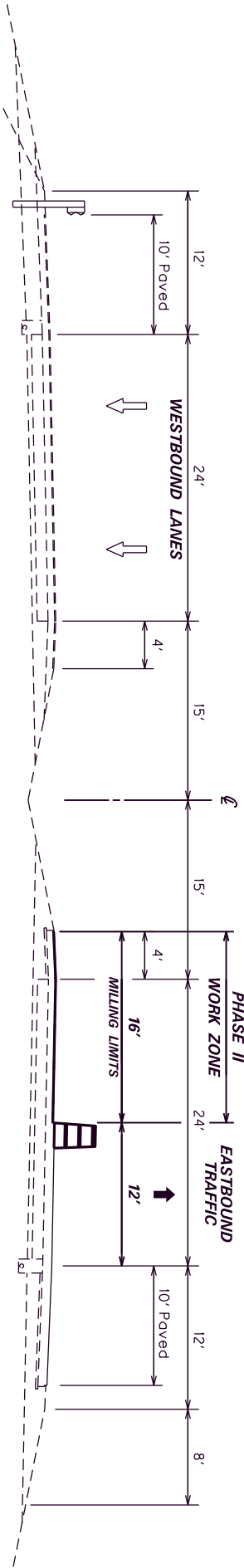
## **CONTRACTOR'S AND CONTRACTOR'S EMPLOYEES' VEHICLES**

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.



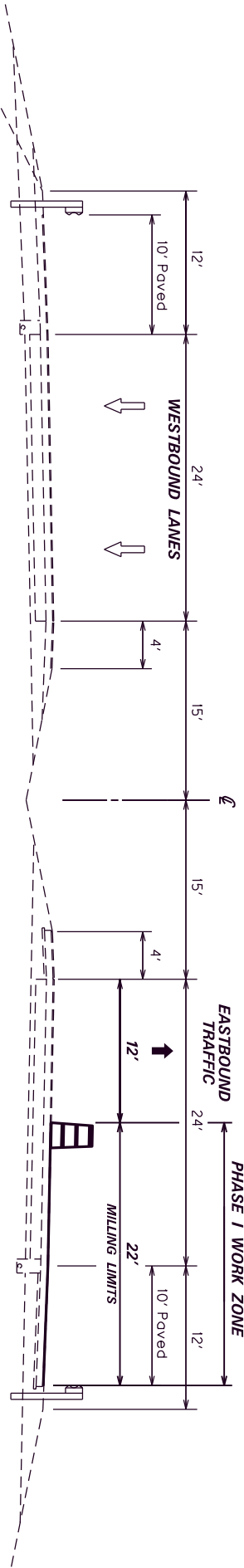
TYPICAL SECTIONS  
WESTERN KENTUCKY PARKWAY

COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-2043.0	



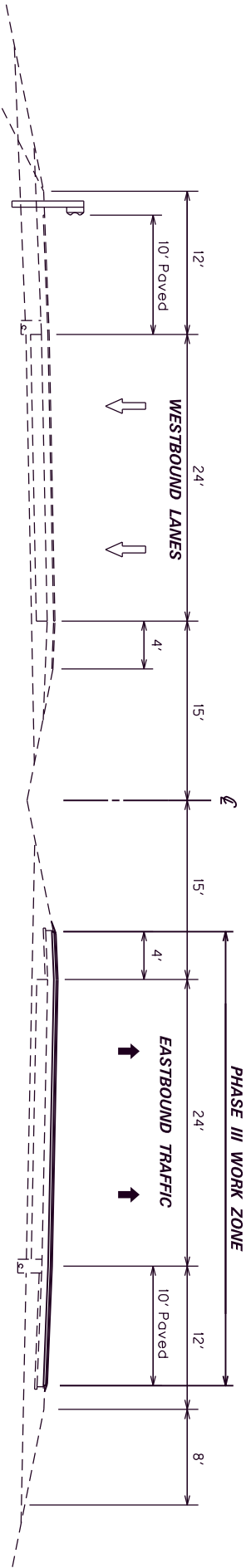
SEQUENCE OF CONSTRUCTION  
SEE M.O.T. NOTES

PHASE I



PHASE II

BARRELS ARE TO BE SHIFTED AND LANE SHIFTED  
TO INSIDE SHOULDER IN MILLING AND REPAVING AREAS.  
SHIFT BARRELS BACK TO ORIGINAL LOCATION AS THE  
MILLING AND REPAVING OPERATION ADVANCES.



PHASE III

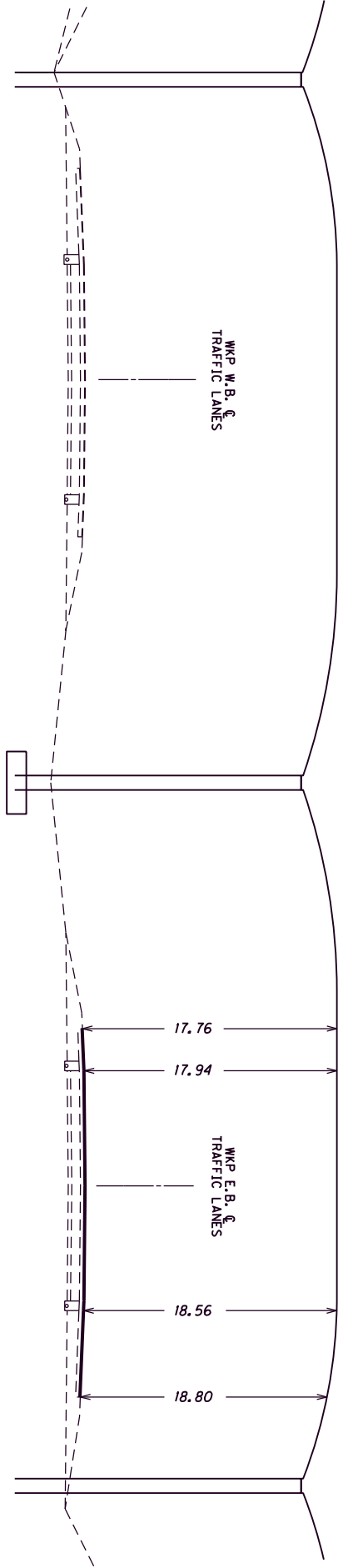
NOT TO SCALE

MOT TRAFFIC PHASING  
FOR MILLING & OVERLAY

# W.K.P. EXISTING BRIDGE CLEARANCES

COUNTY OF	ITEM NO.	SHEET NO.
GRAYSON	4-2043.0	

EXIST. OVERPASS BRIDGE



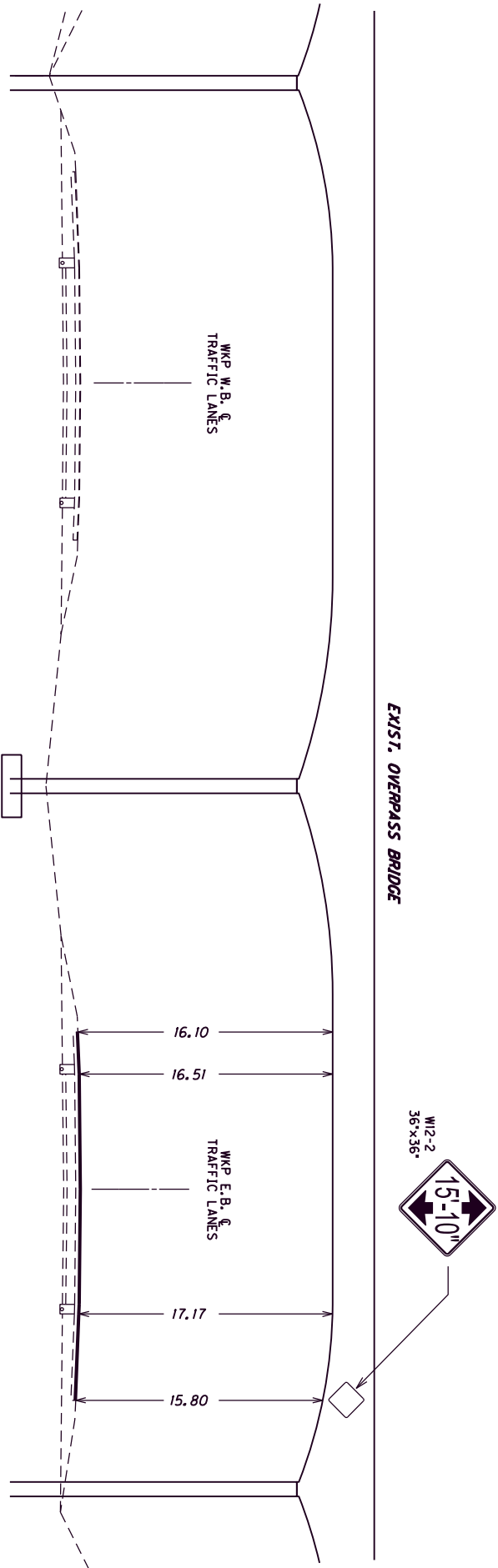
EASTBOUND at M.P. 92.261 / KY 736 OVERPASS

NOT TO SCALE

WESTERN KY. PARKWAY  
EXISTING BRIDGE  
CLEARANCES DETAIL

# W.K.P. EXISTING BRIDGE CLEARANCES

COUNTY OF	ITEM NO.	SHEET NO.
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## EASTBOUND at M.P. 94.235 / KY 79 OVERPASS

NOTE:  
INSTALL LOW CLEARANCE SIGN  
ON BOTH NORTH & SOUTH FACE.  
POSITION SIGN WITH ARROWS  
POINTING TO LOW POINT ON  
OUTSIDE SHOULDER AND INSIDE  
SHOULDER. ALL SIGNS MUST  
CONFORM TO MUTCD.

SIGN ± 18 SQ.FT.

NOT TO SCALE

WESTERN KY. PARKWAY  
EXIST. BRIDGE CLEARANCES  
& OVERLAY TAPER DETAILS

REFERENCES

- 1. Kentucky Transportation Cabinet, Department of Highways, Standard Specifications for Road and Bridge Construction, Edition of 2012.
- 2. FHWA Manual on Uniform Traffic Control Devices – 2009 Edition.
- 3.. Kentucky Department of Highways Standard Drawings, Edition 2012, as applicable:

RBI-001-09	TYPICAL GUARDRAIL INSTALLATIONS
RBI-002-06	TYPICAL GUARDRAIL INSTALLATIONS
RBI-003-08	TYPICAL INSTALLATION FOR GUARDRAIL END TREATMENT TYPE 2A
RBI-004-04	INSTALLATION OF GUARDRAIL END TREATMENT TYPE 1
RBR-001-11	STEEL BEAM GUARDRAIL (W-BEAM)
RBR-005-10	GUARDRAIL COMPONENTS
RBR-010-05	GUARDRAIL TERMINAL SECTIONS
RBR-015-04	GUARDRAIL POSTS
RBR-016-04	GUARDRAIL POSTS
RBR-020-04	GUARDRAIL END TREATMENT TYPE 1
RBR-025-04	GUARDRAIL END TREATMENT TYPE 2A
RDB-105-05	SLOPED AND FLARED BOX INLET-OUTLET 18”-24”-30”-36” ALL SKEWS
RDB-106-04	GRATES FOR SLOPED AND FLARED BOX INLET-OUTLET
RDD-040-04	CHANNEL LINING CLASS II AND III
RDI- 001-09	CULVERT, ENTRANCE AND STORM SEWER PIPE TYPES AND COVER HEIGHTS
RDI-020-08	PIPE BEDDING FOR CULVERTS ENTRANCE AND STORM SEWER PIPE
RDI-026	PIPE BEDDING TRENCH CONDITION REINFORCED CONC. PIPE
RDP-001-05	PERFORATED PIPE TYPES AND COVER HEIGHTS
RDP-010-08	PERFORATED PIPE HEADWALLS
RDX-210	TEMPORARY SILT FENCE
RDX-220-04	SILT TRAP - TYPE A
RDX-225	SILT TRAP - TYPE B
RDX-230	SILT TRAP - TYPE C
TPM-105-02	PAVEMENT MARKER ARRANGEMENTS MULTI-LANE ROADWAYS
TPM-125-02	PAVEMENT MARKER ARRANGEMENT EXIT-GORE AND OFF-RAMP

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TPM-135-02	PAVEMENT MARKER ARRANGEMENT ON-RAMP WITH PARALLEL ACCELERATION LANE
TTC-115-02	LANE CLOSURE MULTI-LANE HIGHWAY CASE I
TTC-135-01	SHOULDER CLOSURE
TTD-110-01	POST SPLICING DETAIL
TTD-120	WORK ZONE SPEED LIMIT AND DOUBLE FINE SIGNS
TTD-125	PAVEMENT CONDITION WARNING SIGNS
TTS-110-01	MOBILE OPERATION FOR PAINT STRIPING CASE III
TTS-115-01	MOBILE OPERATION FOR PAINT STRIPING CASE IV
TTS-120-01	MOBILE OPERATION FOR DURABLE STRIPING CASE 1

4. Kentucky Transportation Cabinet, Department of Highways, Standard Specifications for Road and Bridge Construction, Edition of 2012, Appendix B - Supplemental Specifications, as applicable:

Special Note	Special Note for use of MTV
Special Note 11	Portable Changeable Message Signs <i>attached</i>
Special Note	Typical Section Dimensions <i>attached</i>
Special Note	Before You Dig <i>attached</i>
Special Note	Guardrail Delivery Verification Sheet <i>attached</i>
Special Note	Fixed Completion Date and Liquidated Damages <i>attached</i>
Special Note	Erosion Prevention and Sediment Control <i>attached</i>
General Note 444	Asphalt Pavement Ride Quality <i>attached attached</i>
General Note 447	Compaction of Asphalt Mixtures <i>attached</i>

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**SPECIAL NOTE FOR TYPICAL SECTION DIMENSIONS  
WESTERN KENTUCKY PARKWAY**

The dimensions shown on the typical sections for pavement and shoulder widths are nominal or typical dimensions. The actual dimensions to be constructed may be varied to fit existing conditions as directed or approved by the Engineer. It is not intended that existing pavement or shoulders be widened unless specified elsewhere in the Proposal.

## **SPECIAL NOTE FOR PORTABLE CHANGEABLE MESSAGE SIGNS**

**1.0 DESCRIPTION.** Furnish, install, operate, and maintain variable message signs at the locations shown on the plans or designated by the Engineer. Remove and retain possession of variable message signs when they are no longer needed on the project.

## **2.0 MATERIALS.**

**2.1 General.** Use LED Variable Message Signs Class I, II, or III, as appropriate, from the Department's List of Approved Materials.

Unclassified signs may be submitted for approval by the Engineer. The Engineer may require a daytime and nighttime demonstration. The Engineer will make a final decision within 30 days after all required information is received.

**2.2 Sign and Controls.** All signs must:

- 1) Provide 3-line messages with each line being 8 characters long and at least 18 inches tall. Each character comprises 35 pixels.
- 2) Provide at least 40 preprogrammed messages available for use at any time. Provide for quick and easy change of the displayed message; editing of the message; and additions of new messages.
- 3) Provide a controller consisting of:
  - a) Keyboard or keypad.
  - b) Readout that mimics the actual sign display. (When LCD or LCD type readout is used, include backlighting and heating or otherwise arrange for viewing in cold temperatures.)
  - c) Non-volatile memory or suitable memory with battery backup for storing pre-programmed messages.
  - d) Logic circuitry to control the sequence of messages and flash rate.
- 4) Provide a serial interface that is capable of supporting complete remote control ability through land line and cellular telephone operation. Include communication software capable of immediately updating the message, providing complete sign status, and allowing message library queries and updates.
- 5) Allow a single person easily to raise the sign to a satisfactory height above the pavement during use, and lower the sign during travel.
- 6) Be Highway Orange on all exterior surfaces of the trailer, supports, and controller cabinet.
- 7) Provide operation in ambient temperatures from -30 to + 120 degrees Fahrenheit during snow, rain and other inclement weather.
- 8) Provide the driver board as part of a module. All modules are interchangeable, and have plug and socket arrangements for disconnection and reconnection. Printed circuit boards associated with driver boards have a conformable coating to protect against moisture.
- 9) Provide a sign case sealed against rain, snow, dust, insects, etc. The lens is UV stabilized clear plastic (polycarbonate, acrylic, or other approved material) angled to prevent glare.
- 10) Provide a flat black UV protected coating on the sign hardware, character PCB, and appropriate lens areas.
- 11) Provide a photocell control to provide automatic dimming.
- 12) Allow an on-off flashing sequence at an adjustable rate.
- 13) Provide a sight to aim the message.
- 14) Provide a LED display color of approximately 590 nm amber.
- 15) Provide a controller that is password protected.
- 16) Provide a security device that prevents unauthorized individuals from accessing the controller.
- 17) Provide the following 3-line messages preprogrammed and available for use when the sign unit begins operation:



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/KEEP/RIGHT/⇒⇒⇒/  
/KEEP/LEFT/⇐⇐⇐/  
/LOOSE/GRAVEL/AHEAD/  
/RD WORK/NEXT/\*\*MILES/  
/TWO WAY/TRAFFIC/AHEAD/  
/PAINT/CREW/AHEAD/  
/REDUCE/SPEED/\*\*MPH/  
/BRIDGE/WORK/\*\*0 FT/  
/MAX/SPEED/\*\*MPH/  
/SURVEY/PARTY/AHEAD/  
  
/MIN/SPEED/\*\*MPH/  
/ICY/BRIDGE/AHEAD/ /ONE  
LANE/BRIDGE/AHEAD/  
/ROUGH/ROAD/AHEAD/  
/MERGING/TRAFFIC/AHEAD/  
/NEXT/\*\*/MILES/  
/HEAVY/TRAFFIC/AHEAD/  
/SPEED/LIMIT/\*\*MPH/  
/BUMP/AHEAD/  
/TWO/WAY/TRAFFIC/

\*Insert numerals as directed by the Engineer.  
Add other messages during the project when required by the Engineer.

2.3 Power.

- 1) Design solar panels to yield 10 percent or greater additional charge than sign consumption. Provide direct wiring for operation of the sign or arrow board from an external power source to provide energy backup for 21 days without sunlight and an on-board system charger with the ability to recharge completely discharged batteries in 24 hours.

**3.0 CONSTRUCTION.** Furnish and operate the variable message signs as designated on the plans or by the Engineer. Ensure the bottom of the message panel is a minimum of 7 feet above the roadway in urban areas and 5 feet above in rural areas when operating. Use Class I, II, or III signs on roads with a speed limit less than 55 mph. Use Class I or II signs on roads with speed limits 55 mph or greater.

Maintain the sign in proper working order, including repair of any damage done by others, until completion of the project. When the sign becomes inoperative, immediately repair or replace the sign. Repetitive problems with the same unit will be cause for rejection and replacement.

Use only project related messages and messages directed by the Engineer, unnecessary messages lessen the impact of the sign. Ensure the message is displayed in either one or 2 phases with each phase having no more than 3 lines of text. When no message is needed, but it is necessary to know if the sign is operable, flash only a pixel.

When the sign is not needed, move it outside the clear zone or where the Engineer directs. Variable Message Signs are the property of the Contractor and shall be removed from the project when no longer needed. The Department will not assume ownership of these signs.

**4.0 MEASUREMENT.** The final quantity of Variable Message Sign will be the actual number of individual signs acceptably furnished and operated during the project. The Department will not measure signs replaced due to damage or rejection.

**5.0 PAYMENT.** The Department will pay for the Variable Message Signs at the unit price each. The Department will not pay for signs replaced due to damage or rejection. Payment is full compensation for furnishing all materials, labor, equipment, and service necessary to, operate, move, repair, and maintain or replace the variable message signs. The Department will make payment for the completed and accepted quantities under the following:

<u>Code</u>	<u>Pay Item</u>	<u>Pay Unit</u>
02671	Portable Changeable Message Sign	Each

### **SPECIAL NOTE FOR BEFORE YOU DIG**

Call 1-800-752-6007 toll free a minimum of two and no more than ten business days prior to excavation for information on the location of existing under-ground utilities which subscribe to the before-u-dig (BUD) service. Coordinate excavation with all utility owners, including those who do not subscribe to BUD.

Guardrail Delivery Verification Sheet

Item No. 4-2043.0

<b><u>Guardrail, End Treatment, Terminal Section or Post Type</u></b>	<b><u>Unit</u></b>	<b><u>Field Verified Amount</u></b>	<b><u>Delivered Amount</u></b>
Guardrail-Steel W Beam	LF		
Temporary Guardrail	LF		
Guardrail Terminal Section	Each		
Guardrail Terminal Section	Each		
Crash Cushion Type Ix-A	Each		
Guardrail End Treatment Type 1	Each		
Guardrail End Treatment Type 2a	Each		
Guardrail End Treatment Type 3	Each		
Guardrail End Treatment Type 4a	Each		
Guardrail End Treatment Type 7	Each		
Guardrail Connector To Bridge End	Each		
Guardrail Connector To Conc Med Barr	Each		
Guardrail Connect-Shld Bridge Pier	Each		
Steel Offset Blocks	Each		
Steel Guardrail Post	Each		

Removed guardrail, end treatments, terminal sections, and posts shall be delivered to the Central Sign Shop and Recycle Center in Frankfort, KY (502-564-8187) between the hours of 8:00 AM and 3:00 PM Monday through Friday and shall be neatly stacked in accordance with section 719.03.07 of the standard specifications. Contractor, engineer, and Central Sign Shop and Recycle Center representative must all sign off on this sheet before payment may be made.

	<b>Printed Name</b>	<b>Signature</b>	<b>Date</b>
Resident Engineer (or Representative)			
Contractor (or Representative)			
Central Sign Shop and Recycle Center Representative			

**Special Note For Fixed Completion Date and  
Liquidated Damages  
Western Kentucky Parkway  
Grayson County  
Item Nos. 4-2043.0**

Contrary to Section 108.09, Liquidated Damages of \$5,000 per calendar day will be assessed for each day work remains uncompleted beyond the Specified Project Completion Date. This project has a Fixed Project Completion Date of July 31, 2013.

All other applicable portions of Section 108 apply.

**Special Note For:**  
**Erosion Prevention and Sediment Control**  
**Items 4-2043.0: WKP Pavement Rehabilitation – Grayson Co.**

The Contractor shall be responsible for filing the Kentucky Pollution Discharge Elimination System (KPDES) KYR10 permit Notice of Intent (NOI) with the Kentucky Division of Water (DOW) and any KPDES local Municipal Separate Storm Sewer System (MS4) program that has jurisdiction. The NOI shall name the contractor as the Facility Operator and include the KYTC Contract ID Number (CID) for reference.

The Contractor shall perform all temporary erosion/sediment control functions including: providing a Best Management Practice (BMP) Plan, conducting required inspections, modifying the BMP plan documents as construction progresses and documenting the installation and maintenance of BMPs in conformance with the KPDES KYR10 permit effective on August 1, 2009 or a permit re-issued to replace that KYR10 permit. This work shall be conducted in conformance with the requirements of Section 213 of KYTC 2008 Department of Highways, Standard Specifications for Road and Bridge Construction.

Contrary to Section 213.03.03, paragraph 2, the Engineer shall conduct inspections as needed to verify compliance with Section 213 of KYTC 2012 Department of Highways, Standard Specifications for Road and Bridge Construction. The Engineer's inspections shall be performed a minimum of once per month and within seven days after a storm of ½ inch or greater. Copies of the Engineer's inspections shall not be provided to the contractor unless improvements to the BMP's are required. The contractor shall initiate corrective action within 24 hours of any reported deficiency and complete the work within 5 days. The Engineer shall use Form TC 63-61 A for this report. Inspections performed by the Engineer do not relieve the Contractor of any responsibility for compliance with the KPDES permit.

Contrary to Section 213.05, bid items for temporary BMPs will not be listed and will be replaced with one lump sum item for the services. Payment will be pro-rated based on the Project Schedule as submitted by the Contractor and as agreed to by the Engineer.

The contractor shall be responsible for applying "good engineering practices" as required by the KPDES permit. The contractor may use any temporary BMPs with the approval of the KYTC Engineer.

The contractor shall provide the Engineer copies of all documents required by the KPDES permit at the time they are prepared.

The contractor shall be responsible for the examination of the soils to be encountered and make his own independent determination of the temporary BMPs that will be required to accomplish effective erosion prevention and sediment control.

The Contractor shall be responsible for filing the KPDES permit Notice of Termination (NOT) with the Kentucky DOW and any local MS4 program that has jurisdiction. The NOT shall be filed after the Engineer agrees that the project is stabilized or the project has been formally accepted.

**Payment:** Payment will be at the contract unit price for K.P.D.E.S Permit & Temporary Erosion Control: Lump Sum.

**SPECIAL NOTE FOR MATERIAL TRANSFER VEHICLE (MTV)**

Provide and use a MTV in accordance with Sections 403.02.10 and 403.03.05.

**General Note 444**  
**Asphalt Pavement Ride Quality**  
**Items 4-2043.0: WKP Pavement Rehabilitation – Grayson Co.**

Pavement Rideability Requirements, In accordance with Section 410 of the Standard Specifications, Current Edition, shall apply on this project. Category A shall apply.

**General Note 447**  
**Compaction of Asphalt Mixtures**  
**Items 4-2043.0: WKP Pavement Rehabilitation – Grayson Co.**

Will accept the compaction of asphalt mixtures furnished for the driving lanes and ramps at one inch or greater on this project by option according to subsections 402 and 403 of the standard specifications, current edition. Use joint cores as described in subsection 402.03.02 for surface mixtures only. Will accept the compaction of all other asphalt mixtures by option B.



## Right-of-Way Certification Form

Revised 2/22/11

☐ Federal Funded

☒ Original

☒ State Funded

☐ Re-Certification

This form must be completed and submitted to FHWA with the PS&E package for federal-aid funded Interstate, Appalachia, and Major projects. This form shall also be submitted to FHWA for all federal-aid projects that fall under Conditions No. 2 or 3 outlined elsewhere in this form. When Condition No. 2 or 3 apply, KYTC shall resubmit this ROW Certification prior to construction contract Award. For all other federal-aid projects, this form shall be completed and retained in the KYTC project file.

Date: 31AUG2012

Project Name: Mill & Resurface Eastbound WK

Letting Date: 14SEP2012

Project #: FD04 SPP 043 9001 091-096

County: Grayson

Item #: 04-2043.00

Federal #: N/A

Description of Project: Mill and resurface eastbound lanes of Western Kentucky Parkway in Grayson County from M.P. 91.1 to M.P. 95.03

### Projects that require **NO** new or additional right-of-way acquisitions and/or relocations

- ☒ The proposed transportation improvement will be built within the existing rights-of-way and there are no properties to be acquired, individuals, families, and businesses ("relocatees") to be relocated, or improvements to be removed as a part of this project.

### Projects that require new or additional right-of-way acquisitions and/or relocations

- ☐ Per 23 CFR 635.309, the KYTC hereby certify that all relocatees have been relocated to decent, safe, and sanitary housing or that KYTC has made available to relocatees adequate replacement housing in accordance with the provisions of the current FHWA directive(s) covering the administration of the Highway Relocation Assistance Program and that at least one of the following three conditions has been met. (Check those that apply.)

- ☐ **Condition 1.** All necessary rights-of-way, including control of access rights when applicable, have been acquired including legal and physical possession. Trial or appeal of cases may be pending in court but legal possession has been obtained. There may be some improvements remaining on the right-of-way, but all occupants have vacated the lands and improvements, and KYTC has physical possession and the rights to remove, salvage, or demolish all improvements and enter on all land. Fair market value has been paid or deposited with the court.

- ☐ **Condition 2.** Although all necessary rights-of-way have not been fully acquired, the right to occupy and to use all rights-of-way required for the proper execution of the project has been acquired. Trial or appeal of some parcels may be pending in court and on other parcels full legal possession has not been obtained, but right of entry has been obtained, the occupants of all lands and improvements have vacated, and KYTC has physical possession and right to remove, salvage, or demolish all improvements. Fair market value has been paid or deposited with the court for most parcels. Fair market value for all pending parcels will be paid or deposited with the court prior to AWARD of construction contract. (See note 1 below.)

**Note 1:** The KYTC shall re-submit a right-of-way certification form for this project prior to AWARD of all Federal-Aid construction contracts. Award must not to be made until after KYTC has obtained full legal possession and fair market value for all parcels has been paid or deposited with the court and FHWA has concurred in the re-submitted right-of-way certification.

## Right-of-Way Certification Form

Revised 2/22/11

- ☐ **Condition 3.** The acquisition or right of occupancy and use of a few remaining parcels are not complete and/or some parcels still have occupants. However, all remaining occupants have had replacement housing made available to them in accordance with 49 CFR 24.204. The KYTC is hereby requesting authorization to advertise this project for bids and to proceed with bid letting even though the necessary rights-of-way will not be fully acquired, and/or some occupants will not be relocated, and/or the fair market value will not be paid or deposited with the court for some parcels until after bid letting. KYTC will fully meet all the requirements outlined in 23 CFR 635.309(c)(3) and 49 CFR 24.102(j) and will expedite completion of all acquisitions, relocations, and full payments after bid letting and prior to AWARD of the construction contract or force account construction. A full explanation and reason for this request, including identification of each such parcel and dates on which acquisitions, payments, and relocations will be completed, is attached to this certification form for FHWA concurrence. (See note 2.)

**Note 2:** The KYTC may request authorization on this basis only in unique and unusual circumstances. Proceeding to bid letting shall be the exception and never become the rule. In all cases, the KYTC shall make extraordinary efforts to expedite completion of the acquisition, payment for all affected parcels, and the relocation of all relocatees prior to AWARD of all Federal-Aid construction contracts or force account construction.

Approved: DM Lov  
Printed Name

[Signature]  
Signature Right-of-Way Supervisor

Approved: DAVID C. ORR  
Printed Name

[Signature]  
Signature KYTC, Director of ROW & Utilities

Approved: \_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Signature FHWA, ROW Officer (when applicable)

**PART II**

**SPECIFICATIONS AND STANDARD DRAWINGS**

### **SPECIFICATIONS REFERENCE**

Any reference in the plans or proposal to previous editions of the *Standard Specifications for Road and Bridge Construction* and *Standard Drawings* are superseded by *Standard Specifications for Road and Bridge Construction, Edition of 2012* and *Standard Drawings, Edition of 2012 with the 2012 Revision*.

**Supplemental Specifications to the Standard Specifications for Road and  
Bridge Construction, 2012 Edition**

**(Effective with the August 17, 2012 Letting)**

<b>Subsection:</b>	402.03.02 Contractor Quality Control and Department Acceptance.
<b>Part:</b>	D) Testing Responsibilities.
<b>Number:</b>	4) Density.
<b>Revision:</b>	Replace the second sentence of the Option A paragraph with the following: Perform coring by the end of the following work day.
<b>Subsection:</b>	606.03.17 Special Requirements for Latex Concrete Overlays.
<b>Part:</b>	A) Existing Bridges and New Structures.
<b>Number:</b>	1) Prewetting and Grout-Bond Coat.
<b>Revision:</b>	Add the following sentence to the last paragraph: Do not apply a grout-bond coat on bridge decks prepared by hydrodemolition.
<b>Subsection:</b>	609.03 Construction.
<b>Revision:</b>	Replace Subsection 609.03.01 with the following: 609.03.01 A) Swinging the Spans. Before placing concrete slabs on steel spans or precast concrete release the temporary erection supports under the bridge and swing the span free on its supports. 609.03.01 B) Lift Loops. Cut all lift loops flush with the top of the precast beam once the beam is placed in the final location and prior to placing steel reinforcement. At locations where lift loops are cut, paint the top of the beam with galvanized or epoxy paint.

## **PART III**

### **EMPLOYMENT, WAGE AND RECORD REQUIREMENTS**

## **TRANSPORTATION CABINET DEPARTMENT OF HIGHWAYS**

### **LABOR AND WAGE REQUIREMENTS APPLICABLE TO OTHER THAN FEDERAL-AID SYSTEM PROJECTS**

- I. Application
- II. Nondiscrimination of Employees (KRS 344)
- III. Payment of Predetermined Minimum Wages
- IV. Statements and Payrolls

#### **I. APPLICATION**

1. These contract provisions shall apply to all work performed on the contract by the contractor with his own organization and with the assistance of workmen under his immediate superintendence and to all work performed on the contract by piecework, station work or by subcontract. The contractor's organization shall be construed to include only workmen employed and paid directly by the contractor and equipment owned or rented by him, with or without operators.

2. The contractor shall insert in each of his subcontracts all of the stipulations contained in these Required Provisions and such other stipulations as may be required.

3. A breach of any of the stipulations contained in these Required Provisions may be grounds for termination of the contract.

#### **II. NONDISCRIMINATION OF EMPLOYEES**

##### **AN ACT OF THE KENTUCKY GENERAL ASSEMBLY TO PREVENT DISCRIMINATION IN EMPLOYMENT KRS CHAPTER 344 EFFECTIVE JUNE 16, 1972**

The contract on this project, in accordance with KRS Chapter 344, provides that during the performance of this contract, the contractor agrees as follows:

1. The contractor shall not fail or refuse to hire, or shall not discharge any individual, or otherwise discriminate against an individual with respect to his compensation, terms, conditions, or privileges of employment, because of such individual's race, color, religion, national origin, sex, disability or age (between forty and seventy); or limit, segregate, or classify his employees in any way which would deprive or tend to deprive an individual of employment opportunities or otherwise adversely affect his status as an employee, because of such individual's race, color, religion, national origin, sex, disability or age (between forty and seventy). The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

2. The contractor shall not print or publish or cause to be printed or published a notice or advertisement relating to employment by such an employer or membership in or any classification or referral for employment by the employment agency, indicating any preference, limitation, specification, or discrimination, based on race, color, religion, national origin, sex, disability or age (between forty and seventy), except that such notice or advertisement may indicate a preference, limitation, or specification based on religion, or national origin when religion, or national origin is a bona fide occupational qualification for employment.

3. If the contractor is in control of apprenticeship or other training or retraining, including on-the-job training programs, he shall not discriminate against an individual

because of his race, color, religion, national origin, sex, disability or age (between forty and seventy), in admission to, or employment in any program established to provide apprenticeship or other training.

4. The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representative of the contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment. The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for non-compliance.

#### **III. PAYMENT OF PREDETERMINED MINIMUM WAGES**

1. These special provisions are supplemented elsewhere in the contract by special provisions which set forth certain predetermined minimum wage rates. The contractor shall pay not less than those rates.

2. The minimum wage determination schedule shall be posted by the contractor, in a manner prescribed by the Department of Highways, at the site of the work in prominent places where it can be easily seen by the workers.

#### **IV. STATEMENTS AND PAYROLLS**

1. All contractors and subcontractors affected by the terms of KRS 337.505 to 337.550 shall keep full and accurate payroll records covering all disbursements of wages to their employees to whom they are required to pay not less than the prevailing rate of wages. Payrolls and basic records relating thereto will be maintained during the course of the work and preserved for a period of one (1) year from the date of completion of this contract.

2. The payroll records shall contain the name, address and social security number of each employee, his correct classification, rate of pay, daily and weekly number of hours worked, itemized deductions made and actual wages paid.

3. The contractor shall make his daily records available at the project site for inspection by the State Department of Highways contracting office or his authorized representative.

Periodic investigations shall be conducted as required to assure compliance with the labor provisions of the contract. Interrogation of employees and officials of the contractor shall be permitted during working hours.

Aggrieved workers, Highway Managers, Assistant District Engineers, Resident Engineers and Project Engineers shall report all complaints and violations to the Division of Contract Procurement.

The contractor shall be notified in writing of apparent violations. The contractor may correct the reported violations and notify the Department of Highways of the action taken or may request an informal hearing. The request for hearing shall be in writing within ten (10) days after receipt of the notice of the reported violation. The contractor may submit

records and information which will aid in determining the true facts relating to the reported violations.

Any person or organization aggrieved by the action taken or the findings established as a result of an informal hearing by the Division of Contract Procurement may request a formal hearing.

4. The wages of labor shall be paid in legal tender of the United States, except that this condition will be considered satisfied if payment is made by a negotiable check, on a solvent bank, which may be cashed readily by the employee in the local community for the full amount, without discount or collection charges of any kind. Where checks are used for payments, the contractor shall make all necessary arrangements for them to be cashed and shall give information regarding such arrangements.

5. No fee of any kind shall be asked or accepted by the contractor or any of his agents from any person as a condition of employment on the project.

6. No laborers shall be charged for any tools used in performing their respective duties except for reasonably avoidable loss or damage thereto.

7. Every employee on the work covered by this contract shall be permitted to lodge, board, and trade where and with whom he elects and neither the contractor nor his agents, nor his employees shall directly or indirectly require as a condition of employment that an employee shall lodge, board or trade at a particular place or with a particular person.

8. Every employee on the project covered by this contract shall be an employee of either the prime contractor or an approved subcontractor.

9. No charge shall be made for any transportation furnished by the contractor or his agents to any person employed on the work.

10. No individual shall be employed as a laborer or mechanic on this contract except on a wage basis, but this shall not be construed to prohibit the rental of teams, trucks or other equipment from individuals.

No Covered employee may be employed on the work except in accordance with the classification set forth in the schedule mentioned above; provided, however, that in the event additional classifications are required, application shall be made by the contractor to the Department of Highways and (1) the Department shall request appropriate classifications and rates from the proper agency, or (2) if there is urgent need for additional classification to avoid undue delay in the work, the contractor may employ such workmen at rates deemed comparable to rates established for similar classifications provided he has made written application through the Department of Highways, addressed to the proper agency, for the supplemental rates. The contractor shall retroactively adjust, upon receipt of the supplemental rates schedule, the wages of any employee paid less than the established rate and may adjust the wages of any employee overpaid.

11. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any laborer or mechanic in any work-week in which he is employed on such work, to work in excess of eight hours in any calendar day or in excess of forty hours in such work-week unless such laborer or mechanic receives compensation at a rate not less than one and one half times his basic rate of pay for all hours worked in excess of eight hours in any calendar day or in excess of forty hours in such work-week. A laborer, workman or mechanic and an employer may enter into a written agreement or a collective bargaining agreement to work more than eight (8) hours a calendar day but not more than ten (10) hours a calendar day for the straight time hourly rate. This agreement shall be in writing and shall be executed prior to the employee working in excess of eight (8) hours, but not more than ten (10) hours, in any one (1) calendar day.

12. Payments to the contractor may be suspended or withheld due to failure of the contractor to pay any laborer or

mechanic employed or working on the site of the work, all or part of the wages required under the terms of the contract. The Department may suspend or withhold payments only after the contractor has been given written notice of the alleged violation and the contractor has failed to comply with the wage determination of the Department of Highways.

13. Contractors and subcontractors shall comply with the sections of Kentucky Revised Statutes, Chapter 337 relating to contracts for Public Works.

Revised 2-16-95



## **EXECUTIVE BRANCH CODE OF ETHICS**

In the 1992 regular legislative session, the General Assembly passed and Governor Brereton Jones signed Senate Bill 63 (codified as KRS 11A), the Executive Branch Code of Ethics, which states, in part:

KRS 11A.040 (6) provides:

No present or former public servant shall, within six (6) months of following termination of his office or employment, accept employment, compensation or other economic benefit from any person or business that contracts or does business with the state in matters in which he was directly involved during his tenure. This provision shall not prohibit an individual from returning to the same business, firm, occupation, or profession in which he was involved prior to taking office or beginning his term of employment, provided that, for a period of six (6) months, he personally refrains from working on any matter in which he was directly involved in state government. This subsection shall not prohibit the performance of ministerial functions, including, but not limited to, filing tax returns, filing applications for permits or licenses, or filing incorporation papers.

KRS 11A.040 (8) states:

A former public servant shall not represent a person in a matter before a state agency in which the former public servant was directly involved, for a period of one (1) year after the latter of:

- a) The date of leaving office or termination of employment; or
- b) The date the term of office expires to which the public servant was elected.

This law is intended to promote public confidence in the integrity of state government and to declare as public policy the idea that state employees should view their work as a public trust and not as a way to obtain private benefits.

If you have worked for the executive branch of state government within the past six months, you may be subject to the law's prohibitions. The law's applicability may be different if you hold elected office or are contemplating representation of another before a state agency.

Also, if you are affiliated with a firm which does business with the state and which employs former state executive-branch employees, you should be aware that the law may apply to them.

In case of doubt, the law permits you to request an advisory opinion from the Executive Branch Ethics Commission, Room 136, Capitol Building, 700 Capitol Avenue, Frankfort, Kentucky 40601; telephone (502) 564-7954.

### **Kentucky Equal Employment Opportunity Act of 1978**

The requirements of the Kentucky Equal Employment Opportunity Act of 1978 (KRS 45.560-45.640) shall apply to this Contract. The apparent low Bidder will be required to submit EEO forms to the Division of Construction Procurement, which will then forward to the Finance and Administration Cabinet for review and approval. No award will become effective until all forms are submitted and EEO/CC has certified compliance. The required EEO forms are as follows:

- EEO-1: Employer Information Report
- Affidavit of Intent to Comply
- Employee Data Sheet
- Subcontractor Report

These forms are available on the Finance and Administration's web page under ***Vendor Information, Standard Attachments and General Terms*** at the following address:  
**<https://www.eProcurement.ky.gov>**.

Bidders currently certified as being in compliance by the Finance and Administration Cabinet may submit a copy of their approval letter in lieu of the referenced EEO forms.

For questions or assistance please contact the Finance and Administration Cabinet by email at **[finance.contractcompliance@ky.gov](mailto:finance.contractcompliance@ky.gov)** or by phone at 502-564-2874.

General Decision Number: KY120125 08/31/2012 KY125

Superseded General Decision Number: KY20100211

State: Kentucky

Construction Type: Highway

Counties: Anderson, Bath, Bourbon, Boyd, Boyle, Bracken, Breckinridge, Bullitt, Carroll, Carter, Clark, Elliott, Fayette, Fleming, Franklin, Gallatin, Grant, Grayson, Greenup, Hardin, Harrison, Henry, Jefferson, Jessamine, Larue, Lewis, Madison, Marion, Mason, Meade, Mercer, Montgomery, Nelson, Nicholas, Oldham, Owen, Robertson, Rowan, Scott, Shelby, Spencer, Trimble, Washington and Woodford Counties in Kentucky.

HIGHWAY CONSTRUCTION PROJECTS (excluding tunnels, building structures in rest area projects & railroad construction; bascule, suspension & spandrel arch bridges designed for commercial navigation, bridges involving marine construction; and other major bridges).

Modification Number	Publication Date
0	01/06/2012
1	01/13/2012
2	01/20/2012
3	04/13/2012
4	05/11/2012
5	05/25/2012
6	06/01/2012
7	06/22/2012
8	06/29/2012
9	07/13/2012
10	07/20/2012
11	08/03/2012
12	08/10/2012
13	08/17/2012
14	08/24/2012
15	08/31/2012

BRIN0004-003 06/01/2011

BRECKENRIDGE COUNTY

	Rates	Fringes
BRICKLAYER.....	\$ 24.11	10.07

BRKY0001-005 06/01/2011

BULLITT, CARROLL, GRAYSON, HARDIN, HENRY, JEFFERSON, LARUE, MARION, MEADE, NELSON, OLDHAM, SHELBY, SPENCER, & TRIMBLE COUNTIES:

	Rates	Fringes
BRICKLAYER.....	\$ 24.11	10.07

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BRKY0002-006 06/01/2011		
BRACKEN, GALLATIN, GRANT, MASON & ROBERTSON COUNTIES:		
	Rates	Fringes
BRICKLAYER.....	\$ 26.57	10.26

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BRKY0007-004 06/01/2011		
BOYD, CARTER, ELLIOT, FLEMING, GREENUP, LEWIS & ROWAN COUNTIES:		
	Rates	Fringes
BRICKLAYER.....	\$ 28.29	16.80

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BRKY0017-004 06/01/2009		
ANDERSON, BATH, BOURBON, BOYLE, CLARK, FAYETTE, FRANKLIN, HARRISON, JESSAMINE, MADISON, MERCER, MONTGOMERY, NICHOLAS, OWEN, SCOTT, WASHINGTON & WOODFORD COUNTIES:		
	Rates	Fringes
BRICKLAYER.....	\$ 24.11	9.97

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CARP0064-001 07/01/2012		
	Rates	Fringes
CARPENTER.....	\$ 26.40	13.91
Diver.....	\$ 39.98	13.91
PILEDRIVERMAN.....	\$ 26.65	13.91

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ELEC0212-008 05/28/2012		
BRACKEN, GALLATIN and GRANT COUNTIES		
	Rates	Fringes
ELECTRICIAN.....	\$ 26.11	15.42

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ELEC0212-014 06/27/2011		
BRACKEN, GALLATIN & GRANT COUNTIES:		
	Rates	Fringes
Sound & Communication Technician.....	\$ 21.55	8.46

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ELEC0317-012 05/30/2012		
BOYD, CARTER, ELLIOT & ROWAN COUNTIES:		
	Rates	Fringes
Electricians:		

Cable Splicer.....	\$ 32.68	18.13
Electrician.....	\$ 32.22	20.09

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ELEC0369-007 05/30/2012

ANDERSON, BATH, BOURBON, BOYLE, BRECKINRIDGE, BULLITT, CARROLL,  
CLARK, FAYETTE, FRAONKLIN, GRAYSON, HARDIN, HARRISON, HENRY,  
JEFFERSON, JESSAMINE, LARUE, MADISON, MARION, MEADE, MERCER,  
MONTGOMERY, NELSON, NICHOLAS, OLDHAM, OWEN, ROBERTSON, SCOTT,  
SHELBY, SPENCER, TRIMBLE, WASHINGTON, & WOODFORD COUNTIES:

	Rates	Fringes
ELECTRICIAN.....	\$ 29.32	13.78

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\* ELEC0575-002 05/28/2012

FLEMING, GREENUP, LEWIS & MASON COUNTIES:

	Rates	Fringes
ELECTRICIAN.....	\$ 30.90	13.44

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ENGI0181-018 07/01/2012

	Rates	Fringes
Operating Engineer:		
GROUP 1.....	\$ 27.35	13.40
GROUP 2.....	\$ 24.87	13.40
GROUP 3.....	\$ 25.26	13.40
GROUP 4.....	\$ 24.60	13.40

OPERATING ENGINEER CLASSIFICATIONS

GROUP 1 - A-Frame Winch Truck; Auto Patrol; Backfiller;  
Batcher Plant; Bituminous Paver; Bituminous Transfer  
Machine; Boom Cat; Bulldozer; Mechanic; Cableway; Carry-All  
Scoop; Carry Deck Crane; Central Compressor Plant; Cherry  
Picker; Clamshell; Concrete Mixer (21 cu. ft. or Over);  
Concrete Paver; Truck-Mounted Concrete Pump; Core Drill;  
Crane; Crusher Plant; Derrick; Derrick Boat; Ditching &  
Trenching Machine; Dragline; Dredge Operator; Dredge  
Engineer; Elevating Grader & Loaders; Grade-All; Gurries;  
Heavy Equipment Robotics Operator/Mechanic; High Lift;  
Hoe-Type Machine; Hoist (Two or More Drums); Hoisting  
Engine (Two or More Drums); Horizontal Directional Drill  
Operator; Hydrocrane; Hyster; KeCal Loader; LeTourneau;  
Locomotive; Mechanic; Mechanically Operated Laser Screed;  
Mechanic Welder; Mucking Machine; Motor Scraper; Orangepeel  
Bucket; Overhead Crane; Piledriver; Power Blade; Pumpcrete;  
Push Dozer; Rock Spreader, attached to equipment; Rotary  
Drill; Roller (Bituminous); Rough Terrain Crane; Scarifier;  
Scoopmobile; Shovel; Side Boom; Subgrader; Tailboom;  
Telescoping Type Forklift; Tow or Push Boat; Tower Crane  
(French, German & other types); Tractor Shovel; Truck  
Crane; Tunnel Mining Machines, including Moles, Shields or  
similar types of Tunnel Mining Equipment

GROUP 2 - Air Compressor (Over 900 cu. ft. per min.); Bituminous Mixer; Boom Type Tamping Machine; Bull Float; Concrete Mixer (Under 21 cu. ft.); Dredge Engineer; Electric Vibrator; Compactor/Self-Propelled Compactor; Elevator (One Drum or Buck Hoist); Elevator (When used to Hoist Building Material); Finish Machine; Firemen & Hoist (One Drum); Flexplane; Forklift (Regardless of Lift Height); Form Grader; Joint Sealing Machine; Outboard Motor Boat; Power Sweeper (Riding Type); Roller (Rock); Ross Carrier; Skid Mounted or Trailer Mounted Concrete Pump; Skid Steer Machine with all Attachments; Switchman or Brakeman; Throttle Valve Person; Tractair & Road Widening Trencher; Tractor (50 H.P. or Over); Truck Crane Oiler; Tugger; Welding Machine; Well Points; & Whirley Oiler

GROUP 3 - All Off Road Material Handling Equipment, including Articulating Dump Trucks; Greaser on Grease Facilities servicing Heavy Equipment

GROUP 4 - Bituminous Distributor; Burlap & Curing Machine; Cement Gun; Concrete Saw; Conveyor; Deckhand Oiler; Grout Pump; Hydraulic Post Driver; Hydro Seeder; Mud Jack; Oiler; Paving Joint Machine; Power Form Handling Equipment; Pump; Roller (Earth); Steerman; Tamping Machine; Tractor (Under 50 H.P.); & Vibrator

CRANES - with booms 150 ft. & Over (Including JIB), and where the length of the boom in combination with the length of the piling leads equals or exceeds 150 ft. - \$1.00 over Group 1 rate

EMPLOYEES ASSIGNED TO WORK BELOW GROUND LEVEL ARE TO BE PAID 10% ABOVE BASIC WAGE RATE. THIS DOES NOT APPLY TO OPEN CUT WORK.

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IRON0044-009 06/01/2012

BRACKEN, GALLATIN, GRANT, HARRISON, ROBERTSON,  
BOURBON (Northern third, including Townships of Jackson, Millersburg, Ruddel Mills & Shawhan);  
CARROLL (Eastern third, including the Township of Ghent);  
FLEMING (Western part, excluding Townships of Beechburg, Colfax, Elizaville, Flemingsburg, Flemingsburg Junction, Foxport, Grange City, Hillsboro, Hilltop, Mount Carmel, Muses Mills, Nepton, Pecksridge, Plummers Landing, Plummers Mill, Poplar Plains, Ringos Mills, Tilton & Wallingford);  
MASON (Western two-thirds, including Townships of Dover, Lewisburg, Mays Lick, Maysville, Minerva, Moranburg, Murphysville, Ripley, Sardis, Shannon, South Ripley & Washington);  
NICHOLAS (Townships of Barefoot, Barterville, Carlisle, Ellisville, Headquarters, Henryville, Morningglory, Myers & Oakland Mills);  
OWEN (Townships of Beechwood, Bromley, Fairbanks, Holbrook, Jonesville, Long Ridge, Lusby's Mill, New, New Columbus, New Liberty, Owenton, Poplar Grove, Rockdale, Sanders, Teresita & Wheatley);  
SCOTT (Northern two-thirds, including Townships of Biddle, Davis, Delaplain, Elmville, Longlick, Muddy Ford, Oxford, Rogers Gap, Sadieville, Skinnersburg & Stonewall)

	Rates	Fringes
IRONWORKER		
Fence Erector.....	\$ 22.50	15.10
Structural.....	\$ 24.80	15.10

-----  
IRON0070-006 06/01/2012

ANDERSON, BOYLE, BRECKINRIDGE, BULLITT, FAYETTE, FRANKLIN,  
GRAYSON, HARDIN, HENRY, JEFFERSON, JESSAMINE, LARUE, MADISON,  
MARION, MEADE, MERCER, NELSON, OLDHAM, SHELBY, SPENCER,  
TRIMBLE, WASHINGTON & WOODFORD  
BOURBON (Southern two-thirds, including Townships of Austerlity,  
Centerville, Clintonville, Elizabeth, Hutchison, Littlerock,  
North Middletown & Paris);  
CARROLL (Western two-thirds, including Townships of Carrollton,  
Easterday, English, Locust, Louis, Prestonville & Worthville);  
CLARK (Western two-thirds, including Townships of Becknerville,  
Flanagan, Ford, Pine Grove, Winchester & Wyandotte);  
OWEN (Eastern eighth, including Townships of Glenmary, Gratz,  
Monterey, Perry Park & Tacketts Mill);  
SCOTT (Southern third, including Townships of Georgetown, Great  
Crossing, Newtown, Stampling Ground & Woodlake);

	Rates	Fringes
IRONWORKER.....	\$ 26.34	18.58

-----  
IRON0372-006 06/01/2012

BRACKEN, GALLATIN, GRANT, HARRISON and ROBERTSON  
BOURBON (Northern third, including Townships of Jackson,  
Millersburg, Ruddel Mills & Shawhan);  
CARROLL (Eastern third, including the Township of Ghent);  
FLEMING (Western part, Excluding Townships of Beechburg, Colfax,  
Elizaville, Flemingsburg, Flemingsburg Junction, Foxport,  
Grange City, Hillsboro, Hilltop, Mount Carmel, Muses Mills,  
Nepton, Pecksridge, Plummers Landing, Plummers Mill, Poplar  
Plains,  
Ringos Mills, Tilton & Wallingford);  
MASON (Western two-thirds, including Townships of Dover,  
Lewisburg, Mays Lick, Maysville, Minerva, Moranburg,  
Murphysville, Ripley, Sardis, Shannon, South Ripley &  
Washington);  
NICHOLAS (Townships of Barefoot, Barterville, Carlisle,  
Ellisville, Headquarters, Henryville, Morningglory, Myers &  
Oakland Mills);  
OWEN (Townships of Beechwood, Bromley, Fairbanks, Holbrook,  
Jonesville, Long Ridge, Lusby's Mill, New, New Columbus, New  
Liberty, Owenton, Poplar Grove, Rockdale, Sanders, Teresita &  
Wheatley);  
SCOTT (Northern two-thirds, including Townships of Biddle,  
Davis, Delaplain, Elmville, Longlick, Muddy Ford, Oxford, Rogers  
Gap, Sadieville, Skinnersburg & Stonewall) COUNTIES

	Rates	Fringes
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IRONWORKER, REINFORCING		
Beyond 30-mile radius of Hamilton County, Ohio		
Courthouse.....	\$ 26.59	18.58
Up to & including 30-mile radius of Hamilton County, Ohio Courthouse.....		
	\$ 26.34	18.58
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IRON0769-007 06/01/2012		

BATH, BOYD, CARTER, ELLIOTT, GREENUP, LEWIS, MONTGOMERY & ROWAN  
CLARK (Eastern third, including townships of Bloomingdale,  
Hunt, Indian Fields, Kiddville, Loglick, Rightangele & Thomson);  
FLEMING (Townships of Beechburg, Colfax, Elizaville,  
Flemingsburg, Flemingsburg Junction, Foxport, Grange City,  
Hillsboro, Hilltop, Mount Carmel, Muses Mills, Nepton,  
Pecksridge, Plummers Landing, Plummers Mill, Poplar Plains,  
Ringos Mills, Tilton & Wallingford);  
MASON (Eastern third, including Townships of Helena, Marshall,  
Orangeburg, Plumville & Springdale);  
NICHOLAS (Eastern eighth, including the Township of Moorefield  
Sprout)

	Rates	Fringes
IRONWORKER		
ZONE 1.....	\$ 30.52	20.08
ZONE 2.....	\$ 30.92	20.08
ZONE 3.....	\$ 32.52	20.08
ZONE 1 - Up to 10 mi. radius of union hall, Ashland, Ky., 1643 Greenup Avenue		
ZONE 2 - 10 to 50 mi. radius of union hall;		
ZONE 3 - 50 mi. radius and beyond		
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LABO0189-003 07/01/2012

BATH, BOURBON, BOYD, BOYLE, BRACKEN, CARTER, CLARK, ELLIOTT,  
FAYETTE, FLEMING, FRANKLIN, GALLATIN, GRANT, GREENUP, HARRISON,  
JESSAMINE, LEWIS, MADISON, MASON, MERCER, MONTGOMERY, NICHOLAS,  
OWEN, ROBERTSON, ROWAN, SCOTT, & WOOLFORD COUNTIES

	Rates	Fringes
Laborers:		
GROUP 1.....	\$ 21.15	11.41
GROUP 2.....	\$ 21.40	11.41
GROUP 3.....	\$ 21.45	11.41
GROUP 4.....	\$ 22.05	11.41

LABORERS CLASSIFICATIONS

GROUP 1 - Aging & Curing of Concrete; Asbestos Abatement  
Worker; Asphalt Plant; Asphalt; Batch Truck Dump; Carpenter  
Tender; Cement Mason Tender; Cleaning of Machines;  
Concrete; Demolition; Dredging; Environmental - Nuclear,  
Radiation, Toxic & Hazardous Waste - Level D; Flagperson;



Grade Checker; Hand Digging & Hand Back Filling; Highway Marker Placer; Landscaping, Mesh Handler & Placer; Puddler; Railroad; Rip-rap & Grouter; Right-of-Way; Sign, Guard Rail & Fence Installer; Signal Person; Sound Barrier Installer; Storm & Sanitary Sewer; Swamper; Truck Spotter & Dumper; Wrecking of Concrete Forms; General Cleanup

GROUP 2 - Batter Board Man (Sanitary & Storm Sewer); Brickmason Tender; Mortar Mixer Operator; Scaffold Builder; Burner & Welder; Bushhammer; Chain Saw Operator; Concrete Saw Operator; Deckhand Scow Man; Dry Cement Handler; Environmental - Nuclear, Radiation, Toxic & Hazardous Waste - Level C; Forklift Operator for Masonary; Form Setter; Green Concrete Cutting; Hand Operated Grouter & Grinder Machine Operator; Jackhammer; Pavement Breaker; Paving Joint Machine; Pipelayer; Plastic Pipe Fusion; Power Driven Georgia Buggy & Wheel Barrow; Power Post Hole Digger; Precast Manhole Setter; Walk-Behind Tamper; Walk-Behind Trencher; Sand Blaster; Concrete Chipper; Surface Grinder; Vibrator Operator; Wagon Driller

GROUP 3 - Asphalt Luteman & Raker; Gunnite Nozzleman; Gunnite Operator & Mixer; Grout Pump Operator; Side Rail Setter; Rail Paved Ditches; Screw Operator; Tunnel (Free Air); Water Blaster

GROUP 4 - Caisson Worker (Free Air); Cement Finisher; Environmental - Nuclear, Radiation, Toxic & Hazardous Waste - Levels A & B; Miner & Driller (Free Air); Tunnel Blaster; & Tunnel Mucker (Free Air); Directional & Horizontal Boring; Air Track Drillers (All Types); Powdermen & Blasters; Troxler & Concrete Tester if Laborer is Utilized

LABO0189-008 07/01/2012

ANDERSON, BULLITT, CARROLL, HARDIN, HENRY, JEFFERSON, LARUE, MARION, MEADE, NELSON, OLDHAM, SHELBY, SPENCER, TRIMBLE & WASHINGTON COUNTIES

	Rates	Fringes
Laborers:		
GROUP 1.....	\$ 21.61	10.95
GROUP 2.....	\$ 21.86	10.95
GROUP 3.....	\$ 21.91	10.95
GROUP 4.....	\$ 22.51	10.95

LABORERS CLASSIFICATIONS

GROUP 1 - Aging & Curing of Concrete; Asbestos Abatement Worker; Asphalt Plant; Asphalt; Batch Truck Dump; Carpenter Tender; Cement Mason Tender; Cleaning of Machines; Concrete; Demolition; Dredging; Environmental - Nuclear, Radiation, Toxic & Hazardous Waste - Level D; Flagperson; Grade Checker; Hand Digging & Hand Back Filling; Highway Marker Placer; Landscaping, Mesh Handler & Placer; Puddler; Railroad; Rip-rap & Grouter; Right-of-Way; Sign, Guard Rail & Fence Installer; Signal Person; Sound Barrier Installer; Storm & Sanitary Sewer; Swamper; Truck Spotter & Dumper;

Wrecking of Concrete Forms; General Cleanup

GROUP 2 - Batter Board Man (Sanitary & Storm Sewer);  
Brickmason Tender; Mortar Mixer Operator; Scaffold Builder;  
Burner & Welder; Bushhammer; Chain Saw Operator; Concrete  
Saw Operator; Deckhand Scow Man; Dry Cement Handler;  
Environmental - Nuclear, Radiation, Toxic & Hazardous Waste  
- Level C; Forklift Operator for Masonary; Form Setter;  
Green Concrete Cutting; Hand Operated Grouter & Grinder  
Machine Operator; Jackhammer; Pavement Breaker; Paving  
Joint Machine; Pipelayer; Plastic Pipe Fusion; Power Driven  
Georgia Buggy & Wheel Barrow; Power Post Hole Digger;  
Precast Manhole Setter; Walk-Behind Tamper; Walk-Behind  
Trencher; Sand Blaster; Concrete Chipper; Surface Grinder;  
Vibrator Operator; Wagon Driller

GROUP 3 - Asphalt Luteman & Raker; Gunnite Nozzleman;  
Gunnite Operator & Mixer; Grout Pump Operator; Side Rail  
Setter; Rail Paved Ditches; Screw Operator; Tunnel (Free  
Air); Water Blaster

GROUP 4 - Caisson Worker (Free Air); Cement Finisher;  
Environmental - Nuclear, Radiation, Toxic & Hazardous Waste  
- Levels A & B; Miner & Driller (Free Air); Tunnel Blaster;  
& Tunnel Mucker (Free Air); Directional & Horizontal  
Boring; Air Track Drillers (All Types); Powdermen &  
Blasters; Troxler & Concrete Tester if Laborer is Utilized

LABO0189-009 07/01/2012

BRECKINRIDGE & GRAYSON COUNTIES

	Rates	Fringes
Laborers:		
GROUP 1.....	\$ 21.96	10.60
GROUP 2.....	\$ 22.21	10.60
GROUP 3.....	\$ 22.26	10.60
GROUP 4.....	\$ 22.86	10.60

LABORERS CLASSIFICATIONS

GROUP 1 - Aging & Curing of Concrete; Asbestos Abatement  
Worker; Asphalt Plant; Asphalt; Batch Truck Dump; Carpenter  
Tender; Cement Mason Tender; Cleaning of Machines;  
Concrete; Demolition; Dredging; Environmental - Nuclear,  
Radiation, Toxic & Hazardous Waste - Level D; Flagperson;  
Grade Checker; Hand Digging & Hand Back Filling; Highway  
Marker Placer; Landscaping, Mesh Handler & Placer; Puddler;  
Railroad; Rip-rap & Grouter; Right-of-Way; Sign, Guard Rail  
& Fence Installer; Signal Person; Sound Barrier Installer;  
Storm & Sanitary Sewer; Swamper; Truck Spotter & Dumper;  
Wrecking of Concrete Forms; General Cleanup

GROUP 2 - Batter Board Man (Sanitary & Storm Sewer);  
Brickmason Tender; Mortar Mixer Operator; Scaffold Builder;  
Burner & Welder; Bushhammer; Chain Saw Operator; Concrete  
Saw Operator; Deckhand Scow Man; Dry Cement Handler;  
Environmental - Nuclear, Radiation, Toxic & Hazardous Waste  
- Level C; Forklift Operator for Masonary; Form Setter;

Green Concrete Cutting; Hand Operated Grouter & Grinder  
Machine Operator; Jackhammer; Pavement Breaker; Paving  
Joint Machine; Pipelayer; Plastic Pipe Fusion; Power Driven  
Georgia Buggy & Wheel Barrow; Power Post Hole Digger;  
Precast Manhole Setter; Walk-Behind Tamper; Walk-Behind  
Trencher; Sand Blaster; Concrete Chipper; Surface Grinder;  
Vibrator Operator; Wagon Driller

GROUP 3 - Asphalt Luteman & Raker; Gunnite Nozzleman;  
Gunnite Operator & Mixer; Grout Pump Operator; Side Rail  
Setter; Rail Paved Ditches; Screw Operator; Tunnel (Free  
Air); Water Blaster

GROUP 4 - Caisson Worker (Free Air); Cement Finisher;  
Environmental - Nuclear, Radiation, Toxic & Hazardous Waste  
- Levels A & B; Miner & Driller (Free Air); Tunnel Blaster;  
& Tunnel Mucker (Free Air); Directional & Horizontal  
Boring; Air Track Drillers (All Types); Powdermen &  
Blasters; Troxler & Concrete Tester if Laborer is Utilized

PAIN0012-005 06/11/2005

BATH, BOURBON, BOYLE, CLARK, FAYETTE, FLEMING, FRANKLIN,  
HARRISON, JESSAMINE, MADISON, MERCER, MONTGOMERY, NICHOLAS,  
ROBERTSON, SCOTT & WOODFORD COUNTIES:

	Rates	Fringes
PAINTER		
Bridge/Equipment Tender and/or Containment Builder..	\$ 18.90	5.90
Brush & Roller.....	\$ 21.30	5.90
Elevated Tanks; Steeplejack Work; Bridge & Lead Abatement.....	\$ 22.30	5.90
Sandblasting & Waterblasting.....	\$ 22.05	5.90
Spray.....	\$ 21.80	5.90

PAIN0012-017 05/01/2012

BRACKEN, GALLATIN, GRANT, MASON & OWEN COUNTIES:

	Rates	Fringes
PAINTER (Heavy & Highway Bridges - Guardrails - Lightpoles - Striping)		
Bridge Equipment Tender and Containment Builder.....	\$ 20.49	8.33
Brush & Roller.....	\$ 23.10	8.33
Elevated Tanks; Steeplejack Work; Bridge & Lead Abatement.....	\$ 24.10	8.33
Sandblasting & Water Blasting.....	\$ 23.85	8.33
Spray.....	\$ 23.60	8.33

PAIN0118-004 05/01/2010

ANDERSON, BRECKINRIDGE, BULLITT, CARROLL, GRAYSON, HARDIN,  
HENRY, JEFFERSON, LARUE, MARION, MEADE, NELSON, OLDHAM, SHELBY,  
SPENCER, TRIMBLE & WASHINGTON COUNTIES:

	Rates	Fringes
PAINTER		
Brush & Roller.....	\$ 18.50	10.30
Spray, Sandblast, Power Tools, Waterblast & Steam Cleaning.....	\$ 19.50	10.30
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PAIN1072-003 12/01/2011		

BOYD, CARTER, ELLIOTT, GREENUP, LEWIS and ROWAN COUNTIES

	Rates	Fringes
Painters:		
Bridges; Locks; Dams; Tension Towers & Energized Substations.....	\$ 29.33	14.20
Power Generating Facilities.	\$ 26.09	14.20
-----		
PLUM0248-003 06/01/2012		

BOYD, CARTER, ELLIOTT, GREENUP, LEWIS & ROWAN COUNTIES:

	Rates	Fringes
Plumber and Steamfitter.....	\$ 33.00	16.93
-----		
PLUM0392-007 06/01/2012		

BRACKEN, CARROLL (Eastern Half), GALLATIN, GRANT, MASON, OWEN &  
ROBERTSON COUNTIES:

	Rates	Fringes
Plumbers and Pipefitters.....	\$ 29.30	16.59
-----		
PLUM0502-003 08/01/2011		

BRECKINRIDGE, BULLITT, CARROLL (Western Half), FRANKLIN  
(Western three-fourths), GRAYSON, HARDIN, HENRY, JEFFERSON,  
LARUE, MARION, MEADE, NELSON, OLDHAM, SHELBY, SPENCER, TRIMBLE &  
WASHINGTON COUNTIES

	Rates	Fringes
PLUMBER.....	\$ 31.00	16.13
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SUKY2010-160 10/08/2001		

Rates	Fringes
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Truck drivers:

GROUP 1.....	\$ 16.57	7.34
GROUP 2.....	\$ 16.68	7.34
GROUP 3.....	\$ 16.86	7.34
GROUP 4.....	\$ 16.96	7.34

TRUCK DRIVER CLASSIFICATIONS

- GROUP 1 - Mobile Batch Truck Tender
- GROUP 2 - Greaser; Tire Changer; & Mechanic Tender
- GROUP 3 - Single Axle Dump; Flatbed; Semi-trailer or Pole Trailer when used to pull building materials and equipment; Tandem Axle Dump; Distributor; Mixer; & Truck Mechanic
- GROUP 4 - Euclid & Other Heavy Earthmoving Equipment & Lowboy; Articulator Cat; 5-Axle Vehicle; Winch & A-Frame when used in transporting materials; Ross Carrier; Forklift when used to transport building materials; & Pavement Breaker

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WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

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The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is union or non-union.

Union Identifiers

An identifier enclosed in dotted lines beginning with characters other than "SU" denotes that the union classification and rate have found to be prevailing for that classification. Example: PLUM0198-005 07/01/2011. The first four letters , PLUM, indicate the international union and the four-digit number, 0198, that follows indicates the local union number or district council number where applicable , i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2011, following these characters is the effective date of the most current negotiated rate/collective bargaining agreement which would be July 1, 2011 in the above example.



Union prevailing wage rates will be updated to reflect any changes in the collective bargaining agreements governing the rate.

#### Non-Union Identifiers

Classifications listed under an "SU" identifier were derived from survey data by computing average rates and are not union rates; however, the data used in computing these rates may include both union and non-union data. Example: SULA2004-007 5/13/2010. SU indicates the rates are not union rates, LA indicates the State of Louisiana; 2004 is the year of the survey; and 007 is an internal number used in producing the wage determination. A 1993 or later date, 5/13/2010, indicates the classifications and rates under that identifier were issued as a General Wage Determination on that date.

Survey wage rates will remain in effect and will not change until a new survey is conducted.

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#### WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor

200 Constitution Avenue, N.W.  
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

Fringe benefit amounts are applicable for all hours worked except when otherwise noted.

These rates are listed pursuant to the Kentucky Determination No. CR-III-III- HWY dated September 5, 2012.

No laborer, workman or mechanic shall be paid at a rate less than that of a Journeyman except those classified as bona fide apprentices.

Apprentices or trainees shall be permitted to work as such subject to Administrative Regulations adopted by the Commissioner of Workplace Standards. Copies of these regulations will be furnished upon request from any interested person.

Before using apprentices on the job the contractor shall present to the Contracting Officer written evidence of registration of such employees in a program of a State apprenticeship and training agency approved and recognized by the U. S. Bureau of Apprenticeship and Training. In the absence of such a State agency, the contractor shall submit evidence of approval and registration by the U. S. Bureau of Apprenticeship and Training.

The contractor shall submit to the Contracting Officer, written evidence of the established apprenticeship-journeyman ratios and wage rates in the project area, which will be the basis for establishing such ratios and rates for the project under the applicable contract provisions.

**TO: EMPLOYERS/EMPLOYEES**

**PREVAILING WAGE SCHEDULE:**

**The wages indicated on this wage schedule are the least permitted to be paid for the occupations indicated. When an employee works in more than one classification, the employer must record the number of hours worked in each classification at the prescribed hourly base rate.**

**OVERTIME:**

**Overtime is to be paid after an employee works eight (8) hours a day or forty (40) hours a week, whichever gives the employee the greater wages. At least time and one-half the base rate is required for all overtime. A laborer, workman or mechanic and an employer may enter into a written agreement or a collective bargaining agreement to work more than eight (8) hours a calendar day but not more than ten (10) hours a calendar day for the straight time hourly rate. Wage violations or questions should be directed to the designated Engineer or the undersigned.**

Ryan Griffith, Director  
Division of Construction Procurement  
Frankfort, Kentucky 40622

## **PART IV**

## **INSURANCE**

## INSURANCE

The Contractor shall procure and maintain the following insurance in addition to the insurance required by law:

- 1) Commercial General Liability-Occurrence form – not less than \$2,000,000 General aggregate, \$2,000,000 Products & Completed Aggregate, \$1,000,000 Personal & Advertising, \$1,000,000 each occurrence.
- 2) Automobile Liability- \$1,000,000 per accident
- 3) Employers Liability:
  - a) \$100,000 Each Accident Bodily Injury
  - b) \$500,000 Policy limit Bodily Injury by Disease
  - c) \$100,000 Each Employee Bodily Injury by Disease
- 4) The insurance required above must be evidenced by a Certificate of Insurance and this Certificate of Insurance must contain one of the following statements:
  - a) "policy contains no deductible clauses."
  - b) "policy contains \_\_\_\_\_ (amount) deductible property damage clause but company will pay claim and collect the deductible from the insured."
- 5) KENTUCKY WORKMEN'S COMPENSATION INSURANCE. The contractor shall furnish evidence of coverage of all his employees or give evidence of self-insurance by submitting a copy of a certificate issued by the Workmen's Compensation Board.

The cost of insurance is incidental to all contract items. All subcontractors must meet the same minimum insurance requirements.

**PART V**

**BID ITEMS**



KENTUCKY TRANSPORTATION CABINET  
DEPARTMENT OF HIGHWAYS  
FRANKFORT, KY 40622

CONTRACT ID: 121039  
COUNTY: GRAYSON  
PROPOSAL: FD04 SPP 043 9001 091-096

PAGE: 1  
LETTING: 09/14/12  
CALL NO: 319

LINE NO	ITEM	DESCRIPTION	APPROXIMATE UNIT QUANTITY	UNIT PRICE	AMOUNT
SECTION 0001 ROADWAY					
0010	00003	CRUSHED STONE BASE	551.000 TON		
0020	00078	CRUSHED AGGREGATE SIZE NO 2	2,100.000 TON		
0030	00100	ASPHALT SEAL AGGREGATE	376.000 TON		
0040	00103	ASPHALT SEAL COAT	45.000 TON		
0050	00212	CL2 ASPH BASE 1.00D PG64-22	4,660.000 TON		
0060	00212	CL2 ASPH BASE 1.00D PG64-22 FOR PERF PIPE TRENCH CAP	772.000 TON		
0070	00214	CL3 ASPH BASE 1.00D PG64-22	319.000 TON		
0080	00216	CL3 ASPH BASE 1.00D PG76-22	12,920.000 TON		
0090	00301	CL2 ASPH SURF 0.38D PG64-22	1,773.000 TON		
0100	00336	CL3 ASPH SURF 0.38A PG76-22	5,032.000 TON		
0110	00462	CULVERT PIPE-18 IN	8.000 LF		
0120	01000	PERFORATED PIPE-4 IN	18,050.000 LF		
0130	01015	INSPECT & CERTIFY EDGE DRAIN SYSTEM	( 1.00 ) LS		
0140	01020	PERF PIPE HEADWALL TY 1-4 IN	15.000 EACH		
0150	01028	PERF PIPE HEADWALL TY 3-4 IN	27.000 EACH		
0160	01450	S & F BOX INLET-OUTLET-18 IN	1.000 EACH		
0170	01982	DELINEATOR FOR GUARDRAIL MONO DIRECTIONA	WHITE 91.000 EACH		
0180	02165	REMOVE PAVED DITCH	33.000 SQYD		
0190	02367	GUARDRAIL END TREATMENT TYPE 1	8.000 EACH		
0200	02369	GUARDRAIL END TREATMENT TYPE 2A	7.000 EACH		

KENTUCKY TRANSPORTATION CABINET  
DEPARTMENT OF HIGHWAYS  
FRANKFORT, KY 40622

CONTRACT ID: 121039  
COUNTY: GRAYSON  
PROPOSAL: FD04 SPP 043 9001 091-096

PAGE: 2  
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CALL NO: 319

LINE NO	ITEM	DESCRIPTION	APPROXIMATE UNIT QUANTITY	UNIT PRICE	AMOUNT
0210	02381	REMOVE GUARDRAIL	6,662.500 LF		
0220	02483	CHANNEL LINING CLASS II	3,150.000 TON		
0230	02484	CHANNEL LINING CLASS III	1,250.000 TON		
0240	02562	SIGNS	372.000 SQFT		
0250	02575	DITCHING AND SHOULDERING	20,750.000 LF		
0260	02625	REMOVE HEADWALL	1.000 EACH		
0270	02650	MAINTAIN & CONTROL TRAFFIC	( 1.00) LS		
0280	02671	PORTABLE CHANGEABLE MESSAGE SIGN	4.000 EACH		
0290	02676	MOBILIZATION FOR MILL & TEXT	( 1.00) LS		
0300	02677	ASPHALT PAVE MILLING & TEXTURING	8,091.000 TON		
0310	02696	SHOULDER RUMBLE STRIPS-SAWED	42,820.000 LF		
0320	02775	ARROW PANEL	2.000 EACH		
0330	03240	BASE FAILURE REPAIR	341.000 SQYD		
0340	03383	PVC PIPE-4 IN	642.000 LF		
0350	05950	EROSION CONTROL BLANKET	22,500.000 SQYD		
0360	06412	STEEL POST MILE MARKERS	10.000 EACH		
0370	06511	PAVE STRIPING-TEMP PAINT-6 IN	46,700.000 LF		
0380	06592	PAVEMENT MARKER TYPE V-B W/R	327.000 EACH		
0390	06593	PAVEMENT MARKER TYPE V-B Y/R	34.000 EACH		
0400	10020NS	FUEL ADJUSTMENT	22,699.000 DOLL	1.00	22,699.00
0410	10030NS	ASPHALT ADJUSTMENT	45,857.000 DOLL	1.00	45,857.00

KENTUCKY TRANSPORTATION CABINET  
DEPARTMENT OF HIGHWAYS  
FRANKFORT, KY 40622

CONTRACT ID: 121039  
COUNTY: GRAYSON  
PROPOSAL: FD04 SPP 043 9001 091-096

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LETTING: 09/14/12  
CALL NO: 319

LINE NO	ITEM	DESCRIPTION	APPROXIMATE UNIT QUANTITY	UNIT PRICE	AMOUNT
0420	20196ED	EARTHWORK	( 1.00) LS		
0430	21802EN	G/R STEEL W BEAM-S FACE (7 FT POST)	6,662.500 LF		
0440	23143ED	KPDES PERMIT AND TEMP EROSION CONTROL	( 1.00) LS		
0450	24189ER	DURABLE WATERBORNE MARKING-6 IN W	27,168.000 LF		
0460	24190ER	DURABLE WATERBORNE MARKING-6 IN Y	21,869.000 LF		
0470	24191ER	DURABLE WATERBORNE MARKING-12 IN W	1,177.000 LF		
SECTION 0002 MOB AND DEMOB					
0480	02568	MOBILIZATION (NO MORE THAN 5%)	LUMP		
0490	02569	DEMOBILIZATION (AT LEAST 1.5%)	LUMP		
		TOTAL BID			