



TRANSPORTATION CABINET

Frankfort, Kentucky 40622
www.transportation.ky.gov/

Steven L. Beshear
Governor

Michael W. Hancock, P.E.
Secretary

November 10, 2014

CALL NO. 300
CONTRACT ID NO. 141067
ADDENDUM # 1

Subject: Daviess County, FD04 SPP 030 0060 010-016
Letting November 21, 2014

- (1) Revised - Typical Section - Pages 13-23 of 208
- (2) Revised - General Summary - Pages 24-25 of 208
- (3) Revised - Paving Summary - Page 30 of 208
- (4) Revised - Edge Drain Detail - Pages 43-44 of 208
- (5) Revised - Notes - Pages - 76, 88, 93 & 94 of 208
- (6) Deleted - Pages 95 & 96
- (7) Revised - Wage Rates - Pages 187-200 of 208
- (8) Revised - Bid Items - Pages 205-208 of 208
- (9) Added - Special Note - Pages 1-3 of 3

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

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

Sincerely,

Diana Castle Radcliffe
Director
Division of Construction Procurement

DR:ks
Enclosures

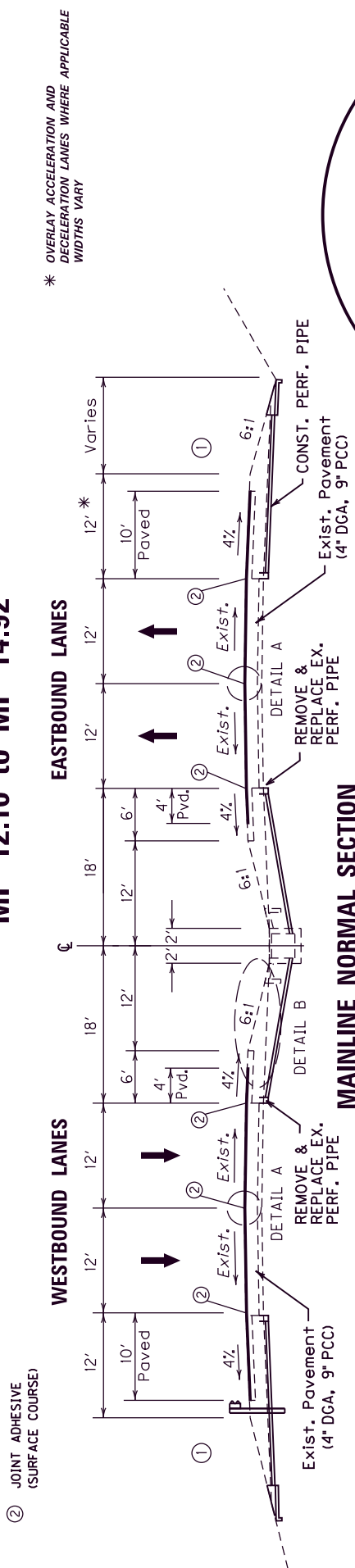


An Equal Opportunity Employer M/F/D

MP 10.28 to MP 11.50

MP 12.10 to MP 14.92

COUNTY OF	ITEM NO.	SHEET NO.
DAVISS	2-2085	



SURFACING SCHEDULE

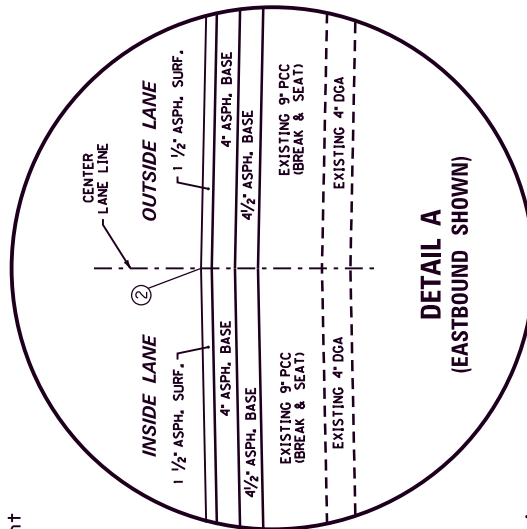
MAINLINE TRAFFIC LANES

BREAK AND SEAT EXISTING PAVEMENT		
CLASS 3 ASPH, BASE 1.5D	PG64-22	4 1/2" DEPTH
CLASS 3 ASPH, BASE 1.0D	PG64-22	4" DEPTH
CLASS 3 ASPH, SURF. 0.50A	PG64-22	1 1/2" DEPTH

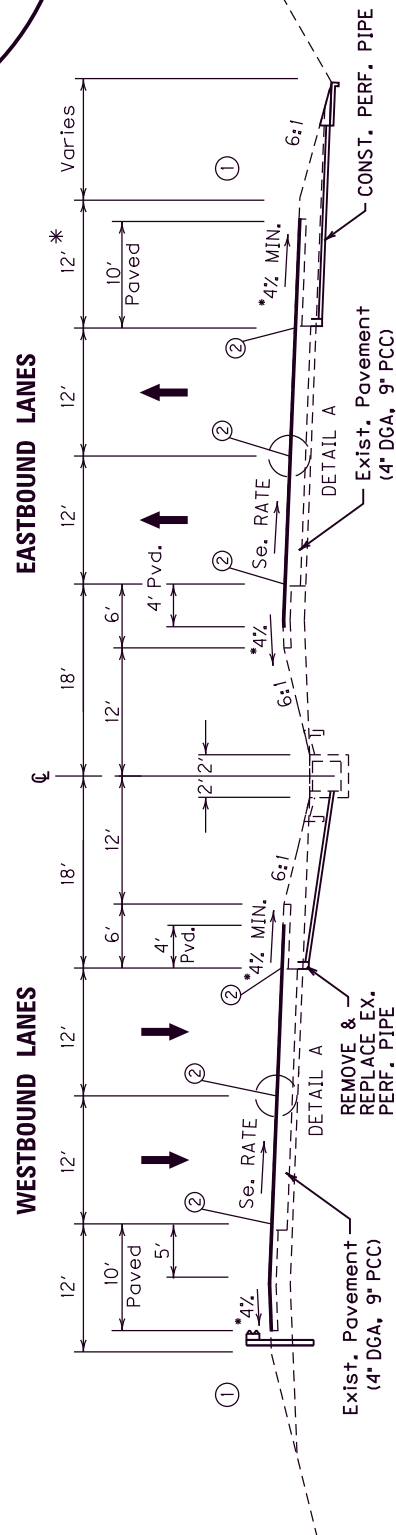
SHOULDERS

SCARIFY & COMPACT	1.5D PG64-22	4 1/2" DEPTH
CLASS 2 ASPH. BASE	1.0D PG64-22	4" DEPTH
CLASS 2 ASPH. SURF.	0.50D PG64-22	1 1/2" DEPTH

- ① 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 :
- | | |
|------------------------------|-----------------|
| ASPHALT SEAL COAT | 2.4 lbs. / S.Y. |
| ASPHALT SEAL AGGREGATE | 20 lbs. / S.Y. |



DETAIL B
***MEDIAN TREATMENT FOR
OVERLAY AREAS***



NOT TO SCALE

ALTERNATE NO. 1
ASPHALT OVERLAY

MP 10.28 to MP 11.50

* FULL DEPTH ACCELERATION AND
DECELERATION LANES WHERE APPLICABLE
WIDTHS VARY



ASPHALT SEAL COAT 2.4 lbs. / S.Y.
ASPHALT SEAL AGGREGATE 20 lbs. / S.Y.



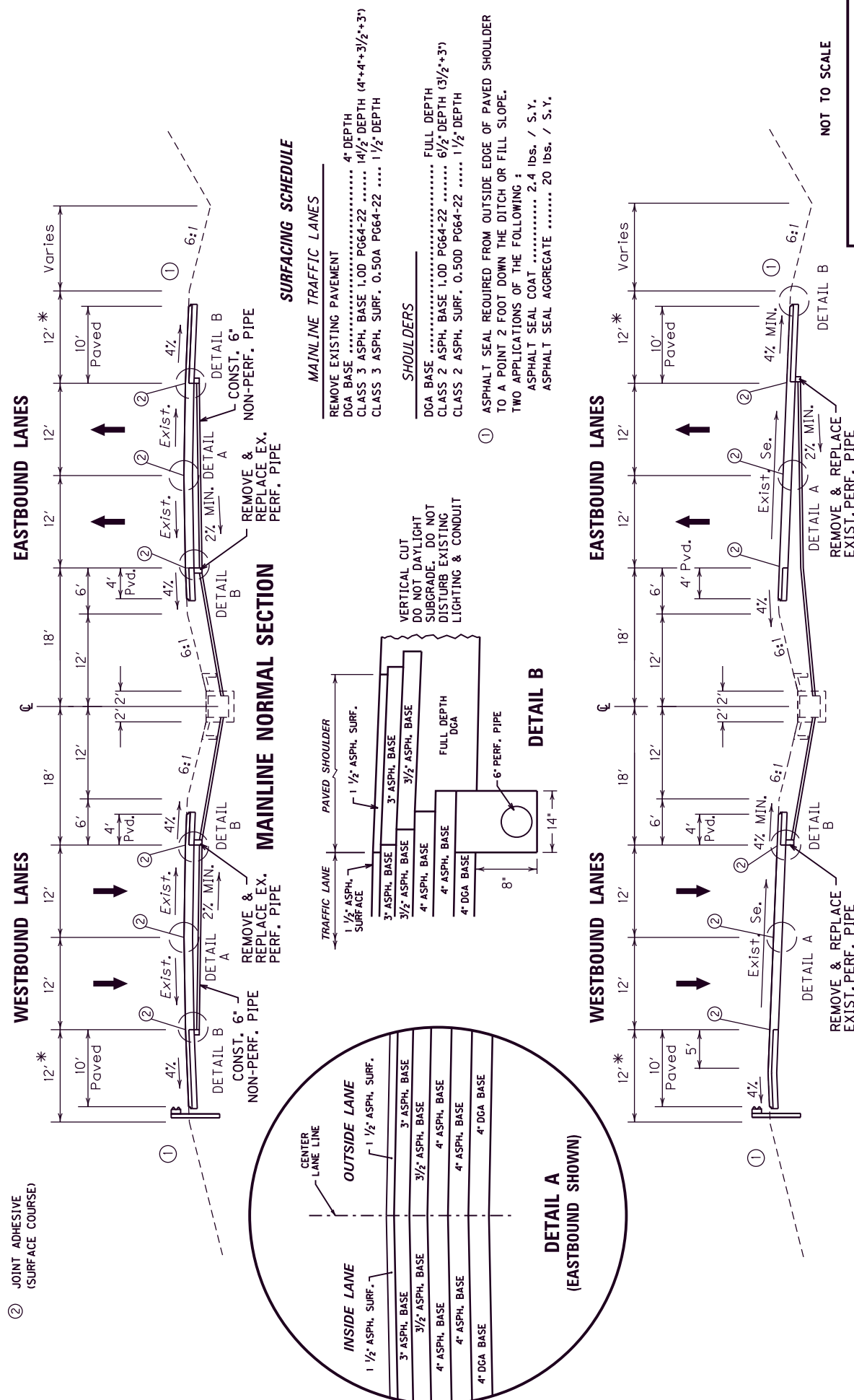
ALTERNATE NO. 2
CONCRETE OVERLAY

PROPOSED MAINLINE TYPICAL SECTIONS OWENSBORO BY-PASS

MP 14.920 to MP 15.360

COUNTY OF	ITEM NO.	SHEET NO.
DAVIESS	2-2085	

* FULL DEPTH ACCELERATION AND DECELERATION LANES WHERE APPLICABLE WIDTHS VARY



MAINLINE SUPERELEVATED SECTION

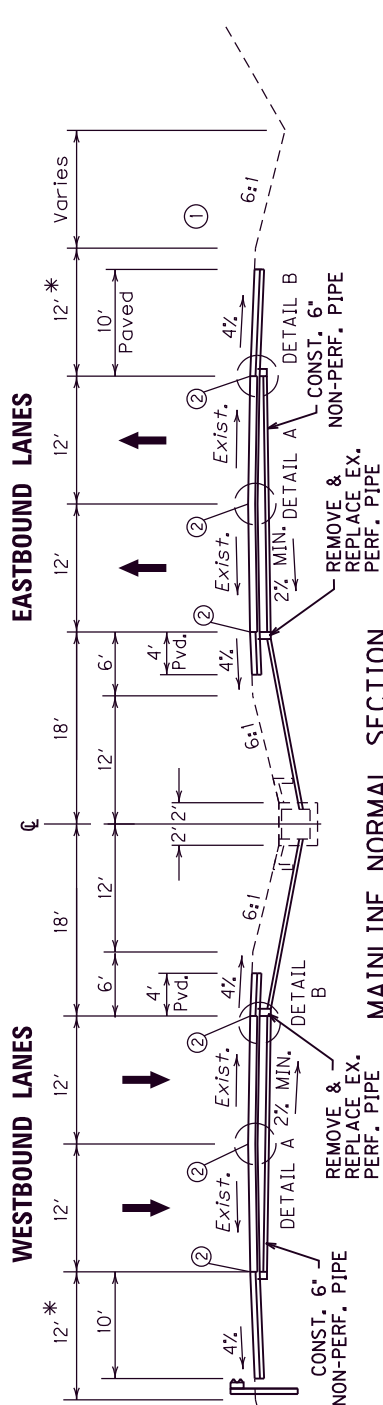
ALTERNATE NO. 1
ASPHALT INLAY

② LONGITUDINAL SAWED JOINT OR
LONGITUDINAL CONST. JOINT

MP 10.179 to MP 10.280
MP 11.500 to MP 12.100
MP 14.920 to MP 15.360

* FULL DEPTH ACCELERATION AND DECELERATION LANES WHERE APPLICABLE WIDTHS VARY

COUNTY OF	DAVIESS	ITEM NO.	2-2085	SHEET NO.	
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MAINLINE NORMAL SECTION

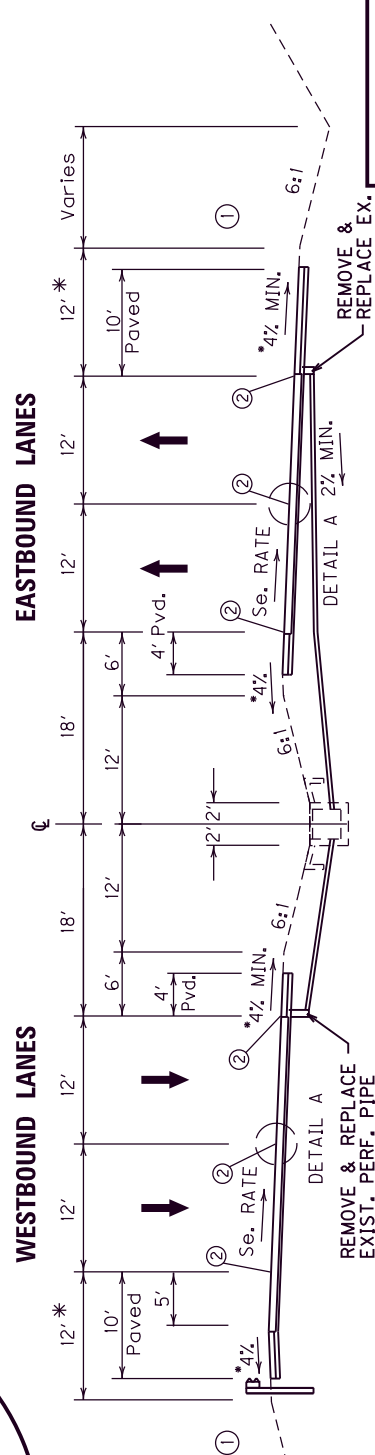
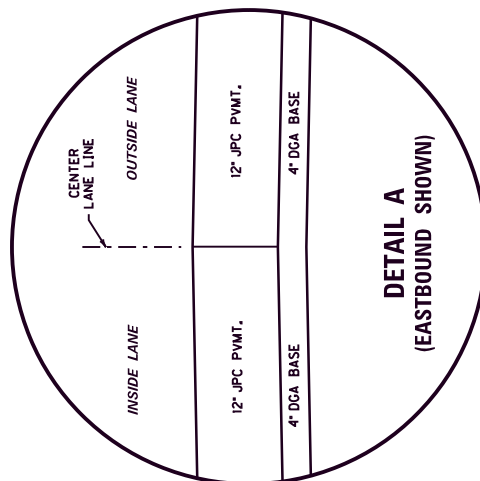
SURFACING SCHEDULE

REMOVE EXISTING PAVEMENT	4" DEPTH
OGA BASE	12" DEPTH
JPC PAVEMENT	

MAINLINE SHOULDERS

EXCAVATION	16" DEPTH
DGA BASE	8" DEPTH
JPC SHOULDER PAVEMENT	8" DEPTH

- ① 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 :
- | | |
|------------------------------|-----------------|
| ASPHALT SEAL COAT | 2.4 lbs. / S.Y. |
| ASPHALT SEAL AGGREGATE | 20 lbs. / S.Y. |



MAINLINE SUPERELEVATED SECTION

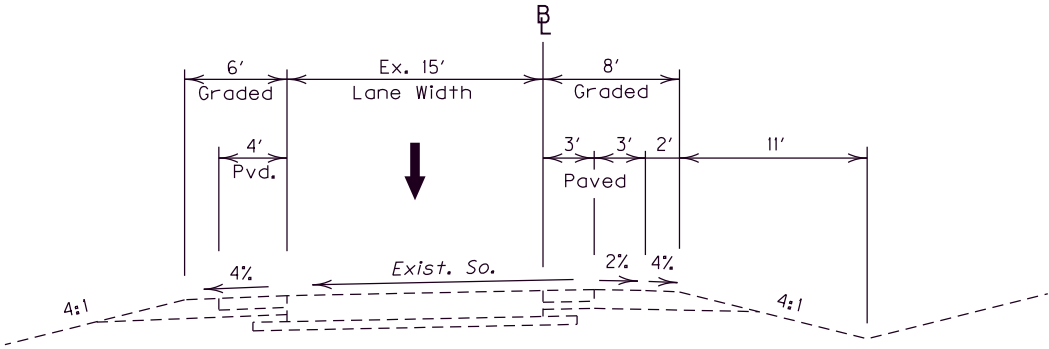
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ALTERNATE NO. 2
CONCRETE INLAY

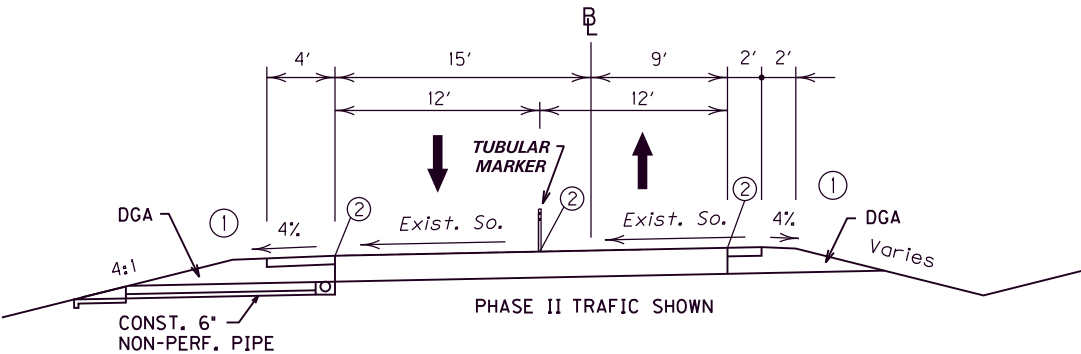
NOT TO SCALE

COUNTY OF	ITEM NO.	Page 17 of 208
DAVIESS	2-2085	

TYPICAL SECTIONS
EB TRAFFIC LANE MP 10.179 TO MP 10.28



EXISTING EB TRAFFIC LANE
@ BEGIN PROJECT (MP 10.179)



PROPOSED EB TRAFFIC LANE
(ASPHALT INLAY)
@ BEGIN PROJECT (MP 10.179)

② JOINT ADHESIVE
(SURFACE COURSE)

ALT. NO. 1 SURFACING SCHEDULE

TRAFFIC LANES

REMOVE EXISTING PAVEMENT
DGA BASE 4" DEPTH
CL.3 AB 1.0D PG64-22 1 1/2" DEPTH (4"+4"+3 1/2"+3")
CL.3 AS 0.50A PG64-22 1 1/2" DEPTH

SHOULDER

DGA BASE FULL DEPTH
CL.2 AB 1.0D PG64-22 6 1/2" DEPTH (3 1/2"+3")
CL.2 AS 0.50D PG64-22 1 1/2" DEPTH

NOTE : WIDEN EXISTING EASTBOUND RAMP TO 24' FOR
2 LANES OF TRAFFIC IN M.O.T. PHASE II.
FOR FINAL TRAFFIC PATTERN RESTRIPE ORIGINAL 15'
EASTBOUND TRAFFIC LANE, 8' OUTSIDE SHOULDER &
4' INSIDE SHOULDER

- ① 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 :
ASPHALT SEAL COAT 2.4 lbs. / S.Y.
ASPHALT SEAL AGGREGATE 20 lbs. / S.Y.

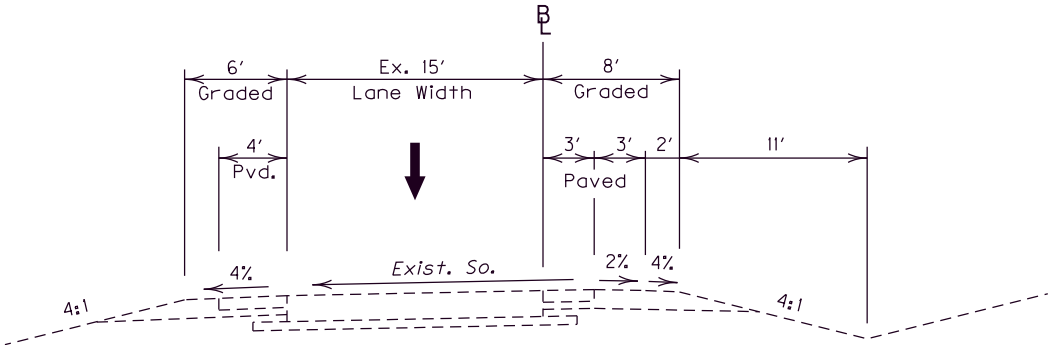
NOT TO SCALE

EASTBOUND RAMP
@ US 60 - MP 10.179
ALTERNATE NO. 1

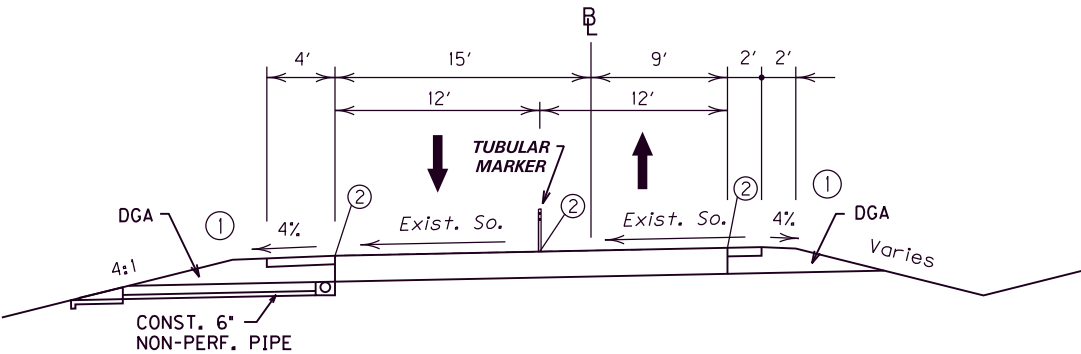
COUNTY OF	ITEM NO.	Page 18 of 208
DAVIESS	2-2085	

TYPICAL SECTIONS

EB TRAFFIC LANE MP 10.179 TO MP 10.28



EXISTING EB TRAFFIC LANE
@ BEGIN PROJECT (MP 10.179)



PROPOSED EB TRAFFIC LANE
(CONCRETE INLAY)
@ BEGIN PROJECT (MP 10.179)

(2) LONGITUDINAL SAWED JOINT OR
LONGITUDINAL CONST. JOINT

ALT. NO. 2 SURFACING SCHEDULE

TRAFFIC LANES

REMOVE EXISTING PAVEMENT
DGA BASE 4" DEPTH
JPC PAVEMENT 12" DEPTH

SHOULDERS

DGA BASE 8" DEPTH
JPC SHOULDER PAVEMENT 8" DEPTH

- (1) 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 :
ASPHALT SEAL COAT 2.4 lbs. / S.Y.
ASPHALT SEAL AGGREGATE 20 lbs. / S.Y.

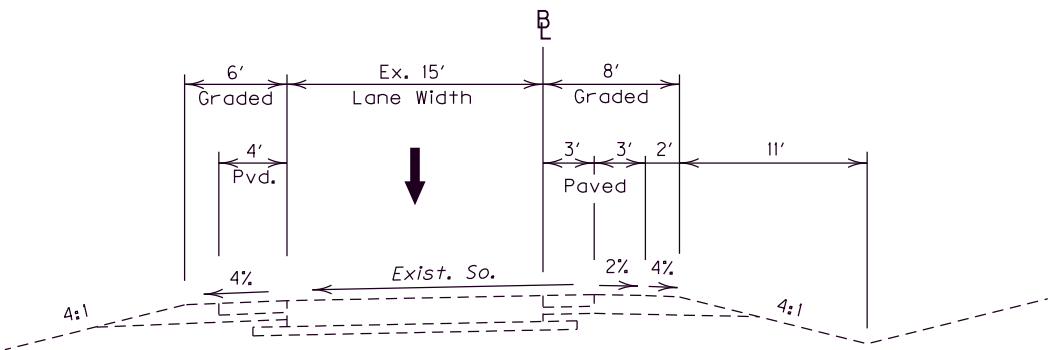
NOTE : WIDEN EXISTING EASTBOUND RAMP TO 24' FOR
2 LANES OF TRAFFIC IN M.O.T. PHASE II.
FOR FINAL TRAFFIC PATTERN RESTRIPE ORIGINAL 15'
EASTBOUND TRAFFIC LANE, 6' OUTSIDE SHOULDER &
4' INSIDE SHOULDER

NOT TO SCALE

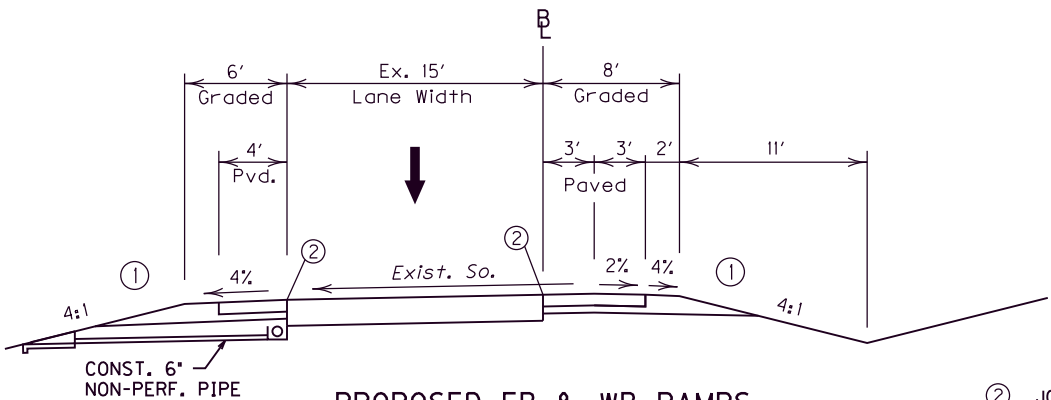
EASTBOUND RAMP
@ US 60 - MP 10.179
ALTERNATE NO. 2

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DAVIESS	2-2085	

TYPICAL SECTIONS
EB ON RAMP & WB OFF RAMP
at BEGIN PROJECT (MP 10.179)



EXISTING EB & WB RAMPS
@ BEGIN PROJECT (MP 10.179)



PROPOSED EB & WB RAMPS
(ASPHALT INLAY)
@ BEGIN PROJECT (MP 10.179)

② JOINT ADHESIVE
(SURFACE COURSE)

ALT. NO. 1 SURFACING SCHEDULE

TRAFFIC LANES

REMOVE EXISTING PAVEMENT
DGA BASE 4" DEPTH
CL.3 AB 1.0D PG64-22 1 1/2" DEPTH (4"+4"+3 1/2"+3")
CL.3 AS 0.50A PG64-22 1 1/2" DEPTH

SHOULDERS

DGA BASE FULL DEPTH
CL.2 AB 1.0D PG64-22 6 1/2" DEPTH (3 1/2"+3")
CL.2 AS 0.50D PG64-22 1 1/2" DEPTH

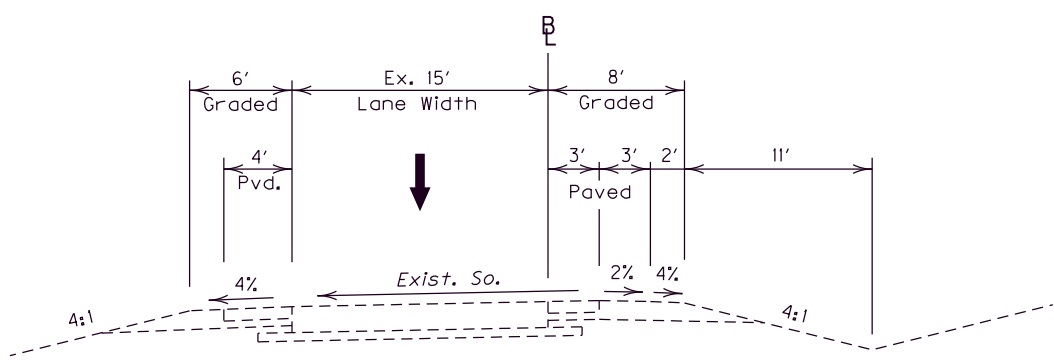
- ① ASPHALT SEAL REQUIRED FROM OUTSIDE EDGE OF PAVED SHOULDER
TO A POINT 2 FOOT DOWN THE DITCH OR FILL SLOPE.
TWO APPLICATIONS OF THE FOLLOWING :
ASPHALT SEAL COAT 2.4 lbs. / S.Y.
ASPHALT SEAL AGGREGATE 20 lbs. / S.Y.

NOT TO SCALE

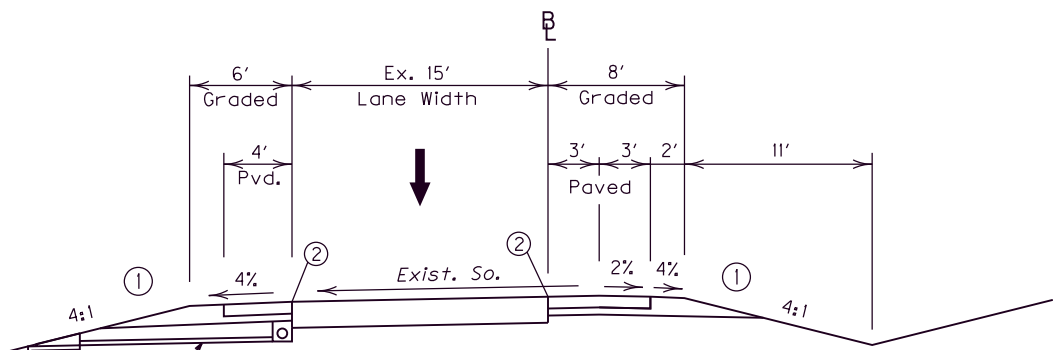
E.B. & W.B. RAMPS
@ US 60 – MP 10.179
ALTERNATE NO. 1

COUNTY OF	ITEM NO.	Page No.
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TYPICAL SECTIONS
EB ON RAMP & WB OFF RAMP
at BEGIN PROJECT (MP 10.179)



EXISTING EB & WB RAMPS
@ BEGIN PROJECT (MP 10.179)



PROPOSED EB & WB RAMPS
(ASPHALT INLAY)
@ BEGIN PROJECT (MP 10.179)

② LONGITUDINAL SAWED JOINT OR
LONGITUDINAL CONST. JOINT

ALT. NO. 2 SURFACING SCHEDULE

TRAFFIC LANES

REMOVE EXISTING PAVEMENT
DGA BASE 4" DEPTH
JPC PAVEMENT 12" DEPTH

SHOULDERS

DGA BASE 8" DEPTH
JPC SHOULDER PAVEMENT 8" DEPTH

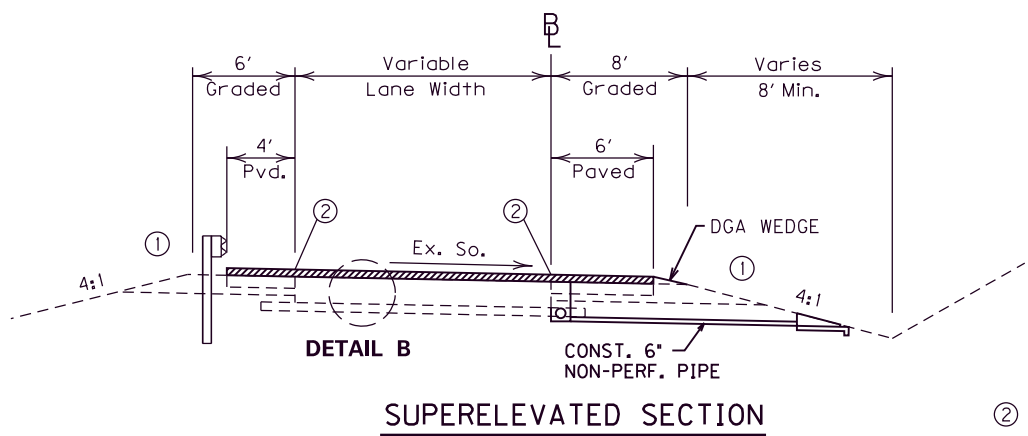
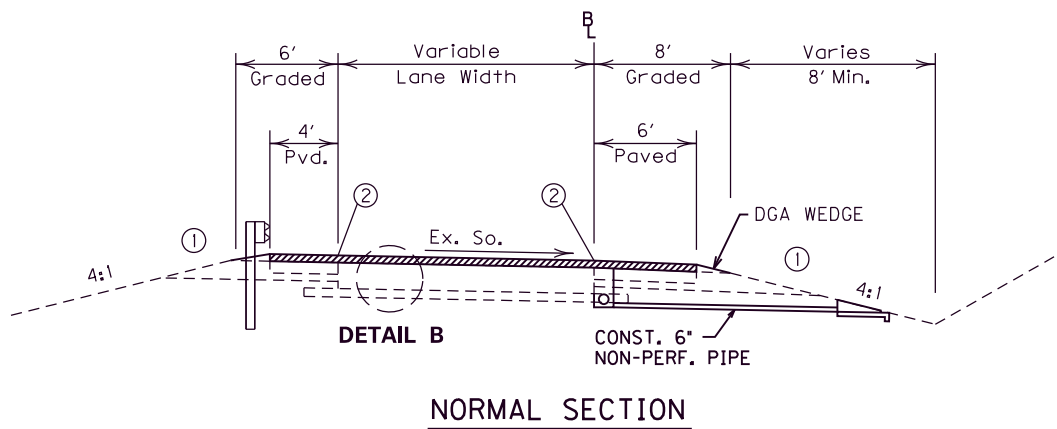
- ① ASPHALT SEAL REQUIRED FROM OUTSIDE EDGE OF PAVED SHOULDER
TO A POINT 2 FOOT DOWN THE DITCH OR FILL SLOPE.
TWO APPLICATIONS OF THE FOLLOWING :
ASPHALT SEAL COAT 2.4 lbs. / S.Y.
ASPHALT SEAL AGGREGATE 20 lbs. / S.Y.

NOT TO SCALE

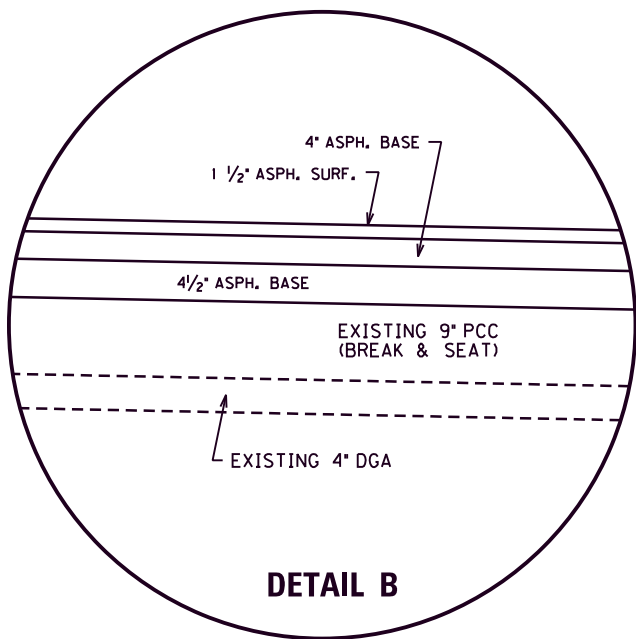
E.B. & W.B. RAMPS
@ US 60 – MP 10.179
ALTERNATE NO. 2

COUNTY OF	ITEM NO.	Page No.
DAVISS	2-2085	21

PROPOSED TYPICAL SECTIONS
KY 81 & US 431 RAMPS



② JOINT ADHESIVE
(SURFACE COURSE)



SURFACING SCHEDULE

RAMP TRAFFIC LANES

BREAK AND SEAT EXISTING PAVEMENT
CLASS 3 ASPH. BASE 1.0D PG64-22 8 1/2" DEPTH (4 1/2" + 4")
CLASS 2 ASPH. SURF. 0.50A PG64-22 1 1/2" DEPTH

RAMP SHOULDERS

SCARIFY & COMPACT
CLASS 2 ASPH. BASE 1.0D PG64-22 8 1/2" DEPTH (4 1/2" + 4")
CLASS 2 ASPH. SURF. 0.50D PG64-22 1 1/2" DEPTH
DGA WEDGE

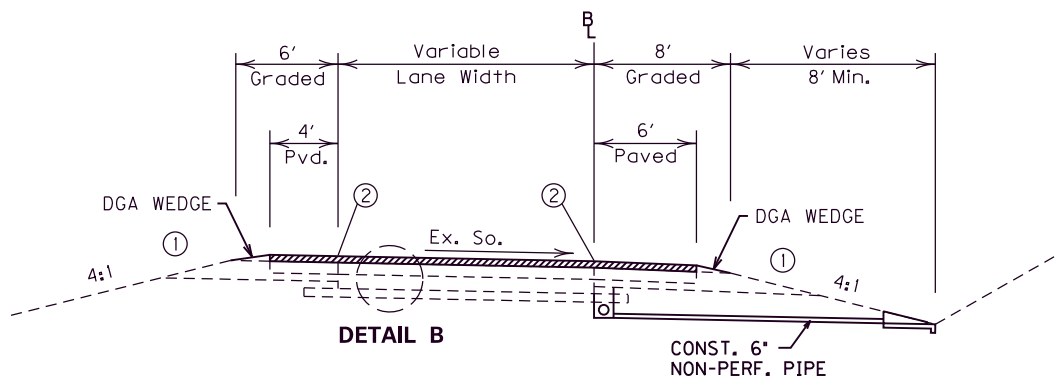
- ① ASPHALT SEAL REQUIRED FROM OUTSIDE EDGE OF PAVED SHOULDER TO A POINT 2 FOOT DOWN THE DITCH OR FILL SLOPE.
TWO APPLICATIONS OF THE FOLLOWING :
- ASPHALT SEAL COAT 2.4 lbs. / S.Y.
 - ASPHALT SEAL AGGREGATE 20 lbs. / S.Y.

NOT TO SCALE

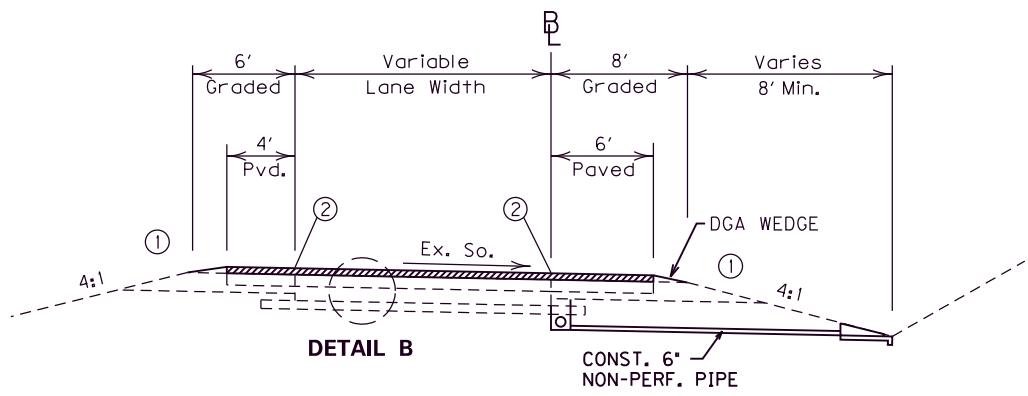
KY 81 & KY 431
RAMP TYPICAL SECTION
ALTERNATE NO. 1

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DAVIESS	2-2085	

PROPOSED TYPICAL SECTIONS KY 81 & US 431 RAMPS

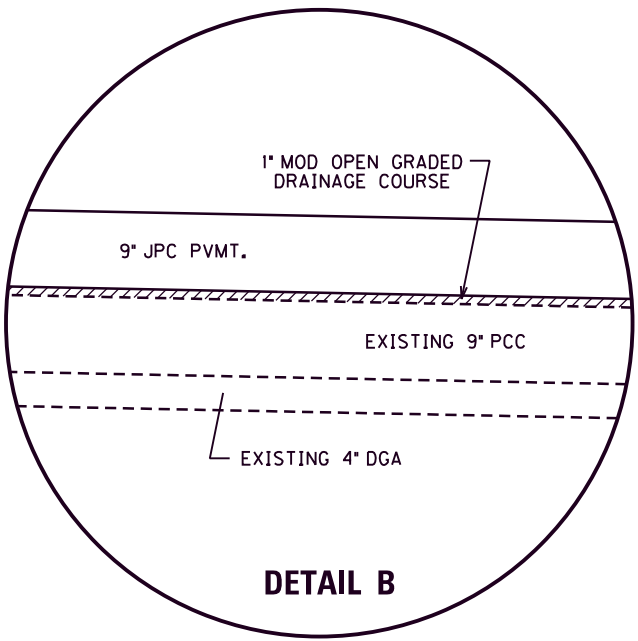


NORMAL SECTION



SUPERELEVATED SECTION

② LONGITUDINAL SAWED JOINT OR
LONGITUDINAL CONST. JOINT



DETAIL B

SURFACING SCHEDULE

<u>MAINLINE TRAFFIC LANES</u>	
MOD OPEN GRADED DRAINAGE COURSE 1" DEPTH
JPC PAVEMENT 9" DEPTH
<u>MAINLINE SHOULDERS</u>	
SCARIFY & COMPACT	
DGA BASE 4" DEPTH
JPC SHLD. PVMT. 6" DEPTH
DGA WEDGE	

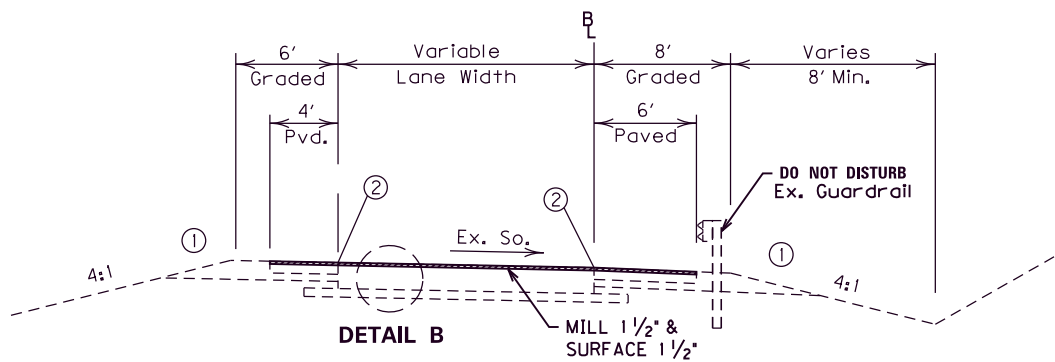
- ① ASPHALT SEAL REQUIRED FROM OUTSIDE EDGE OF PAVED SHOULDER
TO A POINT 2 FOOT DOWN THE DITCH OR FILL SLOPE.
TWO APPLICATIONS OF THE FOLLOWING ;
ASPHALT SEAL COAT..... 2.4 lbs. / S.Y.
ASPHALT SEAL AGGREGATE 20 lbs. / S.Y.

NOT TO SCALE

**KY 81 & KY 431
RAMP TYPICAL SECTION
ALTERNATE NO. 2**

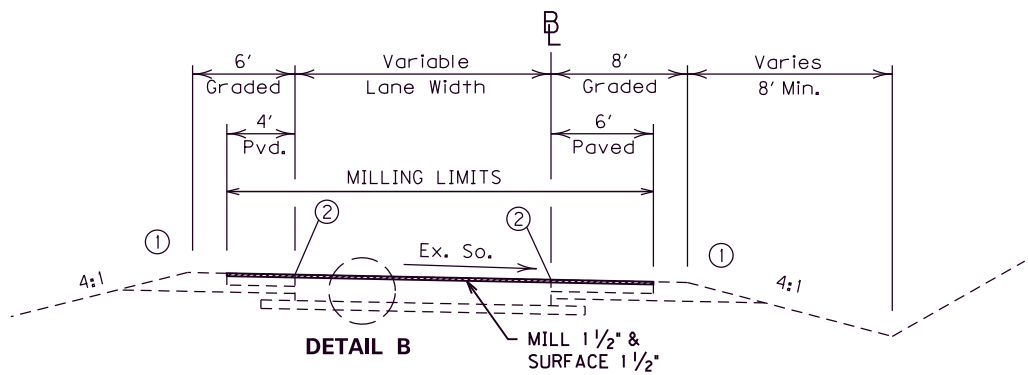
COUNTY OF	ITEM NO.	Page 23 of 208
DAVIESS	2-2085	

TYPICAL SECTIONS CARTER ROAD RAMPS



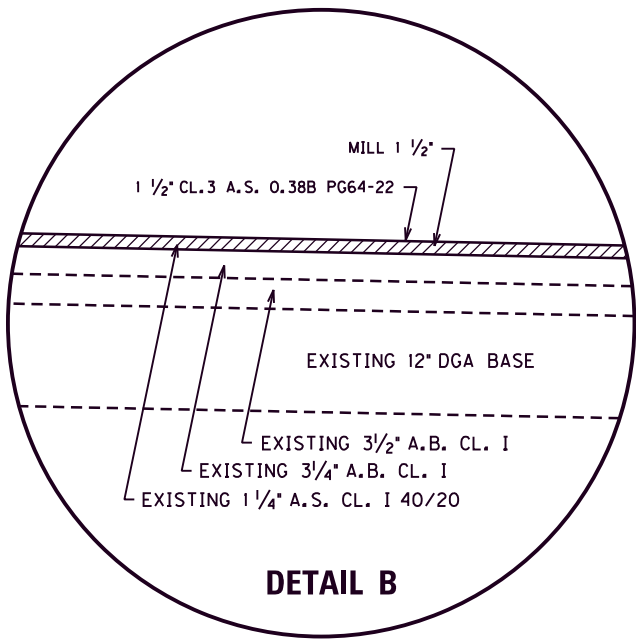
NORMAL SECTION

NOTE : SEE PLAN SHEET FOR
MILLING LIMITS.



SUPERELEVATED SECTION

② JOINT ADHESIVE
(SURFACE COURSE)



DETAIL B

SURFACING SCHEDULE

MAINLINE TRAFFIC LANES

ASPHALT PAVE MILLING & TEXTURING 1 1/2" DEPTH
CLASS 3 ASPH. SURF. 0.50A PG64-22 1 1/2" DEPTH

SHOULDERS

ASPHALT PAVE MILLING & TEXTURING 1 1/2" DEPTH
CLASS 2 ASPH. SURF. 0.50D PG64-22 1 1/2" DEPTH

- ① 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 :
- ASPHALT SEAL COAT 2.4 lbs. / S.Y.
 - ASPHALT SEAL AGGREGATE 20 lbs. / S.Y.

NOT TO SCALE

CARTER ROAD
RAMP TYPICAL SECTION

**DAVISS COUNTY
 OWENSBORO BYPASS (US 60)
 PAVEMENT REHABILITATION, MILEPOST 10.179 TO 15.362
 ITEM NO. 2-2085
 GENERAL SUMMARY**

ITEM NUMBER	ITEM	UNIT	QUANTITY
	ALTERNATE NO. 1		
2107	BREAK AND SEAT EXISTING PAVEMENT	S.Y.	137,316
0205	CLASS 3 ASPHALT BASE 1.50D PG64-22	TON	29,234
0214	CLASS 3 ASPHALT BASE 1.0D PG64-22	TON	69,100
0330	CLASS 3 ASPHALT SURFACE 0.50A PG64-22	TON	15,430
0203	CLASS 2 ASPHALT BASE 1.50D PG64-22	TON	16,426
0212	CLASS 2 ASPHALT BASE 1.0D PG64-22	TON	35,044
0309	CLASS 2 ASPHALT SURFACE 0.50D PG64-22	TON	10,739
0001	DGA BASE	TON	83,674
0103	ASPHALT SEAL COAT	TON	172
0100	ASPHALT SEAL AGGREGATE	LBS.	1,424
2058	REMOVE PCC PAVEMENT	S.Y.	39,436
10203ND	PAVEMENT ADJUSTMENT (ASPHALT)	L.S.	1,356,109
2677	ASPHALT PAVEMENT MILLING AND TEXTURING	TON	2,348
2676	MOBILIZATION FOR MILLING AND TEXTURING	L.S.	1
2696	SHOULDER RUMBLE STRIPS - SAWED	L.F.	72,250
2230	EMBANKMENT IN PLACE	C.Y.	13,114
2200	ROADWAY EXCAVATION	C.Y.	10,412
2235	BACKFILLING UNDERCUT	C.Y.	5,067
2598	FABRIC - GEOTEXTILE TYPE III	S.Y.	30,400
2585	EDGE KEY ⑤	L.F.	100
2007IEC	JOINT ADHESIVE	L.F.	221,724
	ALTERNATE NO. 2		
269	MOD. OPEN GRADED DRAINAGE COURSE	TON	12,403
2078	JPC PAVEMENT NON-REINFORCED SHOULDER - 6 IN.	S.Y.	17,384
2073	JPC PAVEMENT NON-REINFORCED - 9 IN.	S.Y.	137,316
2082	JPC PAVEMENT NON-REINFORCED SHOULDER - 9 IN.	S.Y.	66,366
2070	JPC PAVEMENT NON-REINFORCED - 12 IN.	S.Y.	36,063
0001	DGA BASE	TON	74,167
0103	ASPHALT SEAL COAT	TON	172
0100	ASPHALT SEAL AGGREGATE	TON	1,424
2058	REMOVE P.C.C. PAVEMENT	S.Y.	55,869
2695	RUMBLE STRIPS TYPE 3	L.F.	420

CONTINUED ON NEXT SHEET

⑤ FOR TIE @ AUDUBON PARKWAY RAMPS

**DAVISS COUNTY
 OWENSBORO BYPASS (US 60)
 PAVEMENT REHABILITATION, MILEPOST 10.179 TO 15.362
 ITEM NO. 2-2085
 GENERAL SUMMARY**

ITEM NUMBER	ITEM	UNIT	QUANTITY
	<i>ALTERNATE NO. 2 (Cont.)</i>		
0330	CLASS 3 ASPHALT SURFACE 0.50A PG64-22	TON	1,450
0309	CLASS 2 ASPHALT SURFACE 0.50D PG64-22	TON	2,068
0212	CLASS 2 ASPHALT BASE 1.0D PG64-22	TON	4,679
2677	ASPHALT PAVEMENT MILLING AND TEXTURING	TON	2,348
2676	MOBILIZATION FOR MILLING AND TEXTURING	L.S.	1
10203ND	PAVEMENT ADJUSTMENT (CONCRETE)	L.S.	785,704
2081	JPC PAVEMENT 8 IN NON-REINFORCED SHOULDER	S.Y.	23,984
2078	JPC PAVEMENT 6 IN NON-REINFORCED SHOULDER	S.Y.	17,384
2230	EMBANKMENT IN PLACE	C.Y.	13,114
2200	ROADWAY EXCAVATION	C.Y.	10,412
2235	BACKFILLING UNDERCUT	C.Y.	9,600
2598	FABRIC - GEOTEXTILE TYPE III	S.Y.	57,600
2007IEC	JOINT ADHESIVE	L.F.	19,582
2377	GUARDRAIL CONNECTOR TO BRIDGE END TYPE C	EACH	4
2352	GUARDRAIL - STEEL 'W' BEAM-D FACE	L.F.	1,375
2367	GUARDRAIL END TREATMENT TYPE 1	EACH	20
2369	GUARDRAIL END TREATMENT TYPE 2A	EACH	27
2391	GUARDRAIL END TREATMENT TYPE 4A	EACH	5
2397	TEMPORARY GUARDRAIL	L.F.	1,250
21802EN	GUARDRAIL - STEEL W BEAM - S FACE (7' POST)	L.F.	30,550
2363	GUARDRAIL CONNECTOR TO BRIDGE END TYPE A	EACH	26
2929	CRASH CUSHION TYPE IX	EACH	8
2365	CRASH CUSHION TYPE IX-A	EACH	10
1982	DELINEATORS FOR GUARDRAIL (W)	EACH	460
23143ED	KPDES PERMIT & TEMPORARY EROSION CONTROL	L.S.	1
5950	EROSION CONTROL BLANKET	S.Y.	65,400
2237	DITCHING	L.F.	12,800
2714	SHOULDERING	L.F.	27,360
6549	PAVE STRIPING - TEMP REM TAPE - B ①	L.F.	380
6550	PAVE STRIPING - TEMP REM TAPE - W ①	L.F.	1,680
6551	PAVE STRIPING - TEMP REM TAPE - Y ①	L.F.	840
6570	PAVEMENT MARKING - PAINT CROSS-HATCH	S.F.	13,812

CONTINUED ON NEXT SHEET

① FOR LANE CLOSURES

US 60 BYPASS
DAVISS COUNTY
ITEM NO. 2-2085
PAVING SUMMARY (ALTERNATE NO. 2)

PAVING AREAS MAINLINE			
ITEM	TOTAL	ITEM	TOTAL
MAINLINE TRAFFIC LANES & SHOULDERS M.P. 10.28 TO M.P. 11.50 (OVERLAY) M.P. 12.10 TO M.P. 14.92 (OVERLAY)		MAINLINE TRAFFIC LANES & SHOULDERS ① M.P. 10.179 TO M.P. 10.28 (INLAY) M.P. 11.50 TO M.P. 12.10 (INLAY) M.P. 14.92 TO M.P. 15.36 (INLAY)	
	S.Y.		
1" MOD OPEN GRADED DRAINAGE COURSE	180,137		S.Y.
9" JPC PAVEMENT NON-REINFORCED	113,771	4" DGA BASE	36,063
9" JPC PAVEMENT NON-REINFORCED SHOULDER	66,366	12" JPC PAVEMENT NON-REINFORCED	36,063
DGA WEDGE (C.Y.) SHOULDERS	11,296	8" DGA BASE	23,984
ASPHALT SEAL AGGREGATE (2 APPLICATIONS) ②	75,844	8" JPC PAVEMENT NON-REINFORCED SHOULDER	23,984
ASPHALT SEAL COAT (2 APPLICATIONS) ③	75,844	DGA WEDGE (C.Y.) SHOULDERS	8,217
		ASPHALT SEAL AGGREGATE (2 APPLICATIONS) ②	21,420
		ASPHALT SEAL COAT (2 APPLICATIONS) ③	21,420

PAVING SUMMARY

CODE	ITEM	UNIT	OVERLAY	INLAY	SHEET TOTAL
269	MOD OPEN GRADED DRAINAGE COURSE ④	TON	10,908		10,908
2070	JPC PAVEMENT NON-REINFORCED - 12"	S.Y.		36,063	36,063
2081	JPC PAVEMENT NON-REINFORCED SHOULDER - 8"	S.Y.		23,984	23,984
2073	JPC PAVEMENT NON-REINFORCED - 9"	S.Y.	113,771		113,771
2082	JPC PAVEMENT NON-REINFORCED SHOULDER - 9"	S.Y.	66,366		66,366
1	DGA BASE	TON	23,383	36,336	59,719
100	ASPHALT SEAL AGGREGATE	TON	758	214	972
103	ASPHALT SEAL COAT	TON	91	26	117

① INCLUDES ACCELERATION & DECELERATION LANES, INCLUDES EASTBOUND ON RAMP & WESTBOUND OFF RAMP @ BEGIN PROJECT
② ESTIMATED AT 20 LBS/S.Y. FOR ENTIRE AREA (ONE APPLICATION)
③ ESTIMATED AT 2.4 LBS/S.Y. FOR ENTIRE AREA (ONE APPLICATION)
④ 1000 TONS INCLUDED TO BE USED AS DIRECTED BY THE ENGINEER

COUNTY OF	ITEM NO.	SHEET NO.
DAVISS	2-2085	

LONGITUDINAL EDGE DRAIN DETAIL

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.

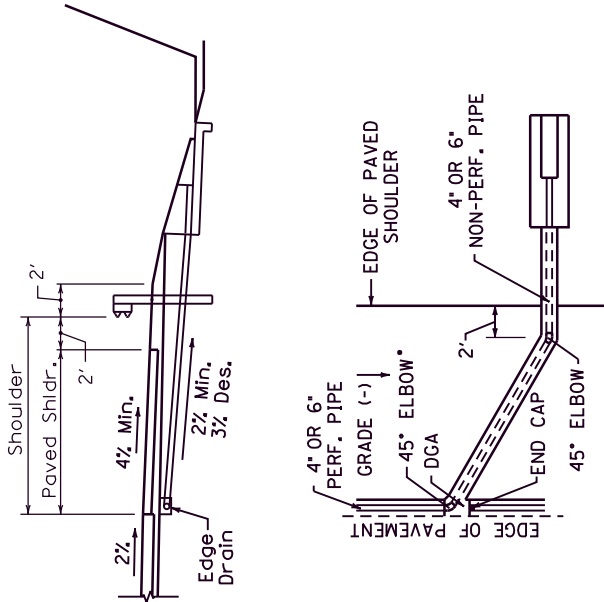
THE CONTRACT UNIT PRICE FOR "CRUSHED AGGREGATE SIZE NO. 2" SHALL BE FULL COMPENSATION FOR ALL MATERIALS, LABOR, AND OTHER INCIDENTALS NECESSARY TO PLACE CRUSHED AGGREGATE SIZE NO. 2 FOR CONTROL OF VEGETATION AND/OR EROSION CONTROL AT PAVEMENT EDGE DRAIN OUTLETS.

SEE CURRENT STANDARD DRAWING RDP-010 FOR DIMENSIONS AND OTHER DETAILS.

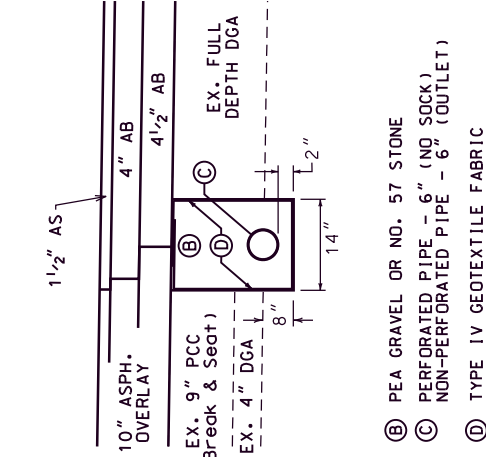
ESTIMATE ONE TON OF CRUSHED AGGREGATE SIZE NO. 2 FOR EACH PERFORATED PIPE HEADWALL OUTLET.

NOTES :

- EXISTING LONGITUDINAL EDGE DRAINS ON THE INSIDE EDGE OF EXISTING PAVEMENT SHALL BE REMOVED AND NEW EDGE DRAINS CONSTRUCTED AS DIRECTED BASED ON THE INITIAL INSPECTION. REMOVAL AND REPLACEMENT OF THE EXISTING UNDERDRAIN SYSTEM SHALL NOT BE REQUIRED ON THE HIGH SIDE IN SUPERELEVATED SECTIONS. NEW EDGE DRAINS SHALL BE CONSTRUCTED ON THE OUTSIDE EDGE OF EXISTING PAVEMENT AS SHOWN ON THE TYPICAL SECTION.
- 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 6" PIPE ON THE OUTSIDE EDGE OF EXIST. PAVMT. SHALL NOT EXCEED 500 FEET. ALL SAGS SHALL HAVE AN OUTLET. USE EXISTING OUTFALL LOCATIONS WHERE POSSIBLE, REUSE EXISTING PERFORATED PIPE HEADWALLS WHERE POSSIBLE.
- FABRIC GEOTEXTILE TYPE IV AND PEA GRAVEL OR NO. 57 STONE ARE INCIDENTAL TO PERFORATED PIPE - 6". REMOVAL OF EXISTING EDGE DRAIN ON THE INSIDE SHOULDER SHALL BE INCLUDED IN THE UNIT PRICE BID FOR NEW PERFORATED PIPE. WASTE THE EXISTING UNDERDRAIN PIPE. EXISTING PERFORATED PIPE HEADWALLS NOT BEING USED SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

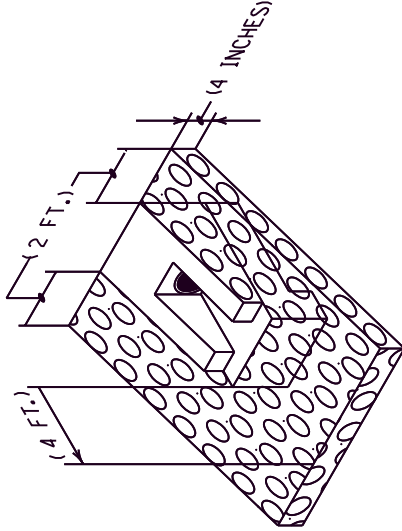


- Use Tee in Lieu of Elbow at Sump Conditions
(OUTSIDE SHOULDER FOR OVERLAYS)



- PEA GRAVEL OR NO. 57 STONE
- PERFORATED PIPE - 6" (NO SOCK)
- NON-PERFORATED PIPE - 6" (OUTLET)
- TYPE IV GEOTEXTILE FABRIC

PERFORATED PIPE DETAIL



PAVEMENT SUBSURFACE DRAINAGE OUTLET

PROPOSED EDGE DRAIN DETAIL ALTERNATE NO. 1

NOT TO SCALE

COUNTY OF	ITEM NO.	SHEET NO.
DAVISS	2-2085	

LONGITUDINAL EDGE DRAIN DETAIL

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.

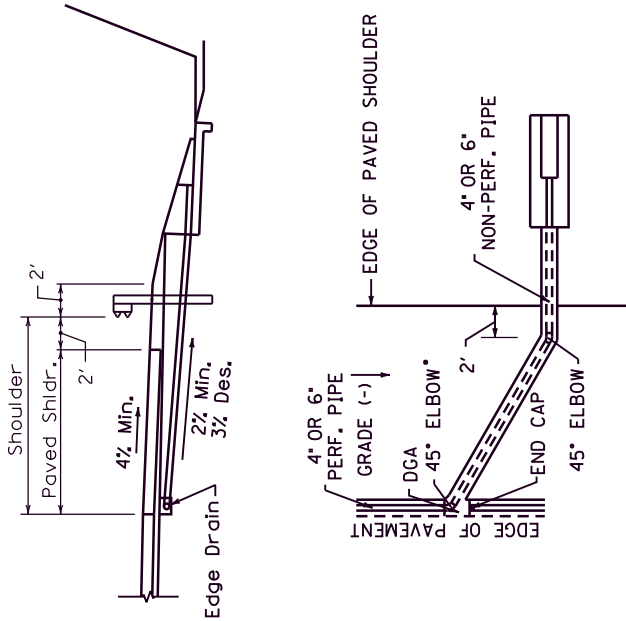
THE CONTRACT UNIT PRICE FOR "CRUSHED AGGREGATE SIZE NO. 2" SHALL BE FULL COMPENSATION FOR ALL MATERIALS, LABOR, AND OTHER INCIDENTALS NECESSARY TO PLACE CRUSHED AGGREGATE SIZE NO. 2 FOR CONTROL OF VEGETATION AND/OR EROSION CONTROL AT PAVEMENT EDGE DRAIN OUTLETS.

SEE CURRENT STANDARD DRAWING RDP-010 FOR DIMENSIONS AND OTHER DETAILS.

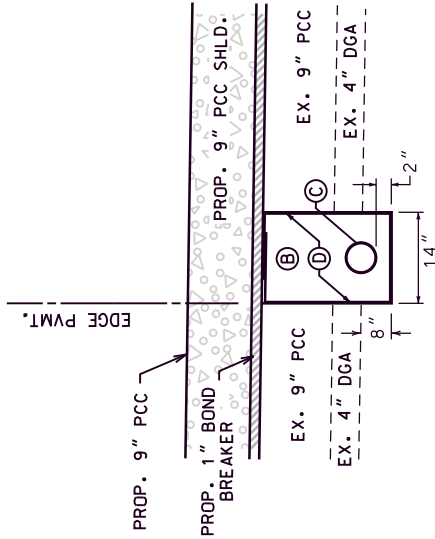
ESTIMATE ONE TON OF CRUSHED AGGREGATE SIZE NO. 2 FOR EACH PERFORATED PIPE HEADWALL OUTLET.

NOTES :

- EXISTING LONGITUDINAL EDGE DRAINS ON THE INSIDE EDGE OF EXISTING PAVEMENT SHALL BE REMOVED AND NEW EDGE DRAINS CONSTRUCTED AS DIRECTED BASED ON THE INITIAL INSPECTION. REMOVAL AND REPLACEMENT OF THE EXISTING UNDERDRAIN SYSTEM SHALL NOT BE REQUIRED ON THE HIGH SIDE IN SUPERELEVATED SECTIONS. NEW EDGE DRAINS SHALL BE CONSTRUCTED ON THE OUTSIDE EDGE OF EXISTING PAVEMENT AS SHOWN ON THE TYPICAL SECTION.
- 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 6" PIPE ON THE OUTSIDE EDGE OF EXIST. PAVMT. SHALL NOT EXCEED 500 FEET. ALL SAGS SHALL HAVE AN OUTLET. USE EXISTING OUTFALL LOCATIONS WHERE POSSIBLE, REUSE EXISTING PERFORATED PIPE HEADWALLS WHERE POSSIBLE.
- FABRIC GEOTEXTILE TYPE IV AND PEA GRAVEL OR NO. 57 STONE ARE INCIDENTAL TO PERFORATED PIPE - 6". REMOVAL OF EXISTING EDGE DRAIN ON THE INSIDE SHOULDER SHALL BE INCLUDED IN THE UNIT PRICE BID FOR NEW PERFORATED PIPE. WASTE THE EXISTING UNDERDRAIN PIPE. EXISTING PERFORATED PIPE HEADWALLS NOT BEING USED SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

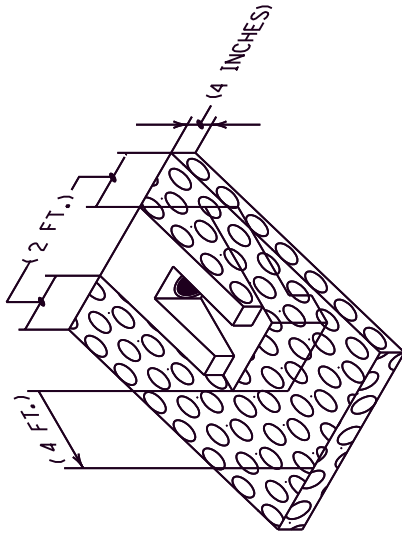


• Use Tee in Lieu of Elbow at Sump Conditions
(OUTSIDE SHOULDER FOR OVERLAYS)



- ⓑ PEA GRAVEL OR NO. 57 STONE
- ⓒ PERFORATED PIPE - 6" (NO SOCK)
- ⓓ NON-PERFORATED PIPE - 6" (OUTLET)
- ⓔ TYPE IV GEOTEXTILE FABRIC

PERFORATED PIPE DETAIL



PAVEMENT SUBSURFACE DRAINAGE OUTLET

PROPOSED
EDGE DRAIN DETAIL
ALTERNATE NO. 2

NOT TO SCALE

TTD-120	WORK ZONE SPEED LIMIT AND DOUBLE FINE SIGNS
TTD-125-01	PAVEMENT CONDITION WARNING SIGNS
TTS-110-01	MOBILE OPERATION FOR PAINT STRIPING CASE III
TTS-115-01	MOBILE OPERATION FOR PAINT STRIPING CASE IV

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

Special Note	Typical Section Dimensions
Special Note	Before You Dig
Special Note	Guardrail Delivery Verification Sheet
Special Note	Fixed Completion Date and Liquidated Damages
Special Note	Erosion Prevention and Sediment Control
Special Note	Portable Changeable Message Signs
Special Note	Asphalt Milling and Texturing
Special Note	Composite Offset Blocks
Special Note	Waterblasting Striping Removal
Special Note	Full Depth Concrete Inlays and Overlays
Special Note	JPC Ride Quality
Special Note	Asphalt Pavement Ride Quality
Special Note	Compaction of Asphalt Mixtures
Special Note	Hook Bolts in JPC Pavement
Special Note	Material Transfer Vehicle
Special Note	Staking
Special Note	Roadbed Stabilization at Bridge Ends
Special Note	Dowel Bar and Tie Bar Tolerances
Special Note	Acceptance of Density of Longitudinal Joints in Asphalt Surface
Special Note	Modified Open Graded Drainage Course
Special Note	Bid Adjustment
Special Note	Joint Adhesive

JPC RIDE QUALITY

Apply JPC Pavement Smoothness requirements, in accordance with subsection 501.03.19 of the standard specifications, on this project. Category A shall apply.

ASPHALT PAVEMENT RIDE

Apply pavement rideability requirements, in accordance with section 410 of the standard specifications, shall apply on this project. Category A shall apply.

COMPACTION OF ASPHALT MIXTURES

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

HOOK BOLTS IN JPC PAVEMENT

The use of a hook bolt with expansion anchors for tying the longitudinal joint in JPC Pavement will not be permitted.

MATERIAL TRANSFER VEHICLE (MTV)

Material Transfer Vehicle (MTV): A material transfer vehicle will be required for all asphalt paving on the project in accordance with section 403.02.10 of the standard specification, current edition.

2-2085.00
US60 Daviess County

**SPECIAL NOTE FOR DOWEL BAR AND TIE BAR PLACEMENT IN JPC
PAVEMENT**

This Special Note will apply where indicated on the plans or in the proposal. Section references herein are to the Department’s current Standard Specifications for Road and Bridge Construction.

1.0 DESCRIPTION. This Special Note applies when new JPC pavement is placed on a project. Allowable tolerances are outlined for both dowel bar and tie bar placement in driving lanes and shoulders. Concrete patches will not be tested under this special note unless they are required as corrective work under subsection 3.1. Testing applies to all joints except that transverse joints in the shoulders will not be tested. *Working with concrete requires at least seven days or more of curing time. The concrete should be dry for at least 24 hrs prior to testing.*

This Special Note specifies the allowable tolerances for placement of dowel bars and tie bars in JPC pavement.

2.0 MATERIALS. Conform to Subsection 501 or 502 of the current Standard Specifications. Consistent with Standard Drawing RPS-020-13, dowel baskets will be manufactured with the mid-point of the dowel bar at T/2.

3.0 CONSTRUCTION.

3.1 Dowel Bars. Transverse dowel bars, which are generally in baskets, should be located in the center of the slab vertically. They should not be skewed or rotated. Contrary to Section 501 of the Standard Specification and Standard Drawing RPS-020-13, place dowel bars to the tolerances shown in the table below.

Dimension	Tolerance
Horizontal offset	± 1 inch
Longitudinal translation	± 3 inches
Horizontal skew	½ inch, max
Vertical skew	½ inch, max
Vertical depth	<div>The minimum distance below the concrete pavement surface must be: DB=T/3 + ½ inch</div> <div>Where: DB = vertical distance in inches, measured from the concrete pavement surface to any point along the top of dowel bar; and T = actual concrete pavement thickness at joint location, in inches.</div> <div>The maximum distance below the surface to any point along the dowel bar should be 2T/3.</div>

2-2085.00
US60 Daviess County

Dowel bars determined to be out of tolerance are to be marked in the field with marking paint. Corrective work will be required for the following circumstances:

- if 3 or more bars are higher than $T/3 + \frac{1}{2}$ inch from the top of the slab or lower than $2T/3$ (as measured from the top) for the bottom of the slab
- if 3 or more bars are translated longitudinally 3 inches or more
- if more than two consecutive joints have any bars that are skewed vertically or horizontally

Any corrective work shall be completed in accordance with the current special note 11J – Special Note for Full Depth Concrete Pavement Repair. Contrary to Special Note 11J, all joint repairs completed due to corrective work shall be sealed with silicone rubber unless approved by the Engineer.

3.2 Tie Bars. Install tie bars at a depth equal to $\frac{1}{2}$ of the slab thickness. Tie bars shall be perpendicular to the longitudinal joint and parallel with the concrete pavement surface. Installation shall be to the tolerances outlined below.

- Not less than $\frac{1}{2}$ inch below the saw cut depth of the joints
- 2" clearance from the tie bar and bottom of pavement

Corrective action will be required for the following circumstances:

- 2 consecutive tie bars are missing or outside of the tolerance listed above
- 4 or more bars in a slab are missing or outside of the tolerances listed (does not have to be consecutive)

The correction shall be made by cross stitching to place the new tie bars accordingly.

4.0 MEASUREMENT

4.1 Testing Limits. All driving lanes requiring load transfer assemblies will be tested with Ground Penetrating Radar (GPR) equipment. All longitudinal joints will be tested. The Kentucky Transportation Center (KTC) will perform all testing.

4.2 Validation. A minimum of one location per lane mile will be cored to verify GPR testing. Two 4 inch cores shall be obtained at each location. One core will be taken on each dowel bar end to expose both ends and allow physical measurements. KTC will conduct coring while the contractor shall patch all core holes.

November 5, 2014

General Decision Number: KY140102 11/07/2014 KY102

Superseded General Decision Number: KY20130102

State: Kentucky

Construction Type: Highway

Counties: Allen, Ballard, Butler, Caldwell, Calloway, Carlisle, Christian, Crittenden, Daviess, Edmonson, Fulton, Graves, Hancock, Henderson, Hickman, Hopkins, Livingston, Logan, Lyon, Marshall, McCracken, McLean, Muhlenberg, Ohio, Simpson, Todd, Trigg, Union, Warren and Webster 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	01/03/2014
1	04/04/2014
2	04/18/2014
3	05/16/2014
4	05/23/2014
5	06/06/2014
6	07/04/2014
7	07/18/2014
8	08/01/2014
9	10/24/2014
10	11/07/2014

BRIN0004-002 06/01/2014

BALLARD, BUTLER, CALDWELL, CARLISLE, CRITTENDEN, DAVIESS, EDMONSON, FULTON, GRAVES, HANCOCK, HENDERSON, HICKMAN, HOPKINS, LIVINGSTON, LYON, MARSHALL, MCCrackEN, MCLEAN, MUHLENBERG, OHIO, UNION, and WEBSTER COUNTIES

	Rates	Fringes
BRICKLAYER		
Ballard, Caldwell, Carlisle, Crittenden, Fulton, Graves, Hickman, Livingston, Lyon, Marshall, and McCracken Counties.....	\$ 29.52	13.37
Butler, Edmonson, Hopkins, Muhlenberg, and Ohio Counties.....	\$ 24.61	10.22
Daviess, Hancock, Henderson, McLean, Union, and Webster Counties.....	\$ 28.68	13.72

BRTN0004-005 06/01/2014		

ALLEN, CALLOWAY, CHRISTIAN, LOGAN, SIMPSON, TODD, TRIGG, and

WARREN COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 25.37	10.50

CARP0357-002 04/01/2014		

	Rates	Fringes
CARPENTER.....	\$ 27.50	14.92
Diver.....	\$ 41.63	14.92
PILEDRIVERMAN.....	\$ 27.75	14.92

ELEC0369-006 05/29/2013		

BUTLER, EDMONSON, LOGAN, TODD & WARREN COUNTIES:

	Rates	Fringes
ELECTRICIAN.....	\$ 29.48	14.37

* ELEC0429-001 06/01/2014		

ALLEN & SIMPSON COUNTIES:

	Rates	Fringes
ELECTRICIAN.....	\$ 24.44	10.15 + 5%

ELEC0816-002 06/01/2014		

BALLARD, CALDWELL, CALLOWAY, CARLISLE, CHRISTIAN, CRITTENDEN, FULTON (Except a 5 mile radius of City Hall in Fulton), GRAVES, HICKMAN, LIVINGSTON, LYON, MARSHALL, MCCracken & TRIGG COUNTIES:

	Rates	Fringes
ELECTRICIAN.....	\$ 30.82	25.5%+5.85
Cable spicers receive \$.25 per hour additional.		

ELEC1701-003 06/01/2013		

DAVIESS, HANCOCK, HENDERSON, HOPKINS, MCLEAN, MUHLENBERG, OHIO, UNION & WEBSTER COUNTIES:

	Rates	Fringes
ELECTRICIAN.....	\$ 30.03	13.72
Cable spicers receive \$.25 per hour additional.		

ELEC1925-002 06/01/2014		

FULTON COUNTY (Up to a 5 mile radius of City Hall in Fulton):

	Rates	Fringes
CABLE SPLICER.....	\$ 25.00	10.27

ELECTRICIAN.....\$ 24.8011.01

ENGI0181-017 07/01/2014

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
GROUP 1.....	\$ 28.85	14.15
GROUP 2.....	\$ 26.24	14.15
GROUP 3.....	\$ 26.65	14.15
GROUP 4.....	\$ 25.95	14.15

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 equals or exceeds 150 ft. - \$1.00 above 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.

IRON0070-005 06/01/2014

BUTLER COUNTY (Eastern eighth, including the Townships of Decker, Lee & Tilford);
EDMONSON COUNTY (Northern three-fourths, including the Townships of Asphalt, Bee Spring, Brownsville, Grassland, Huff, Kyrock, Lindseyville, Mammoth Cave, Ollie, Prosperity, Rhoda, Sunfish & Sweden)

	Rates	Fringes
IRONWORKER		
Structural; Ornamental;		
Reinforcing; Precast		
Concrete Erectors.....	\$ 26.97	19.75

IRON0103-004 04/01/2013

DAVISS, HANCOCK, HENDERSON, HOPKINS, MCLEAN, OHIO, UNION & WEBSTER COUNTIES
BUTLER COUNTY (Townships of Aberdeen, Bancock, Casey, Dexterville, Dunbar, Elfie, Gilstrap, Huntsville, Logansport, Monford, Morgantown, Provo, Rochester, South Hill & Welchs Creek);
CALDWELL COUNTY (Northeastern third, including the Township of Creswell);
CHRISTIAN COUNTY (Northern third, including the Townships of Apex, Crofton, Kelly, Mannington & Wynns);
CRITTENDEN COUNTY (Northeastern half, including the Townships of Grove, Mattoon, Repton, Shady Grove & Tribune);
MUHLENBERG COUNTY (Townships of Bavier, Beech Creek Junction, Benton, Brennen, Browder, Central City, Cleaton, Depoy, Drakesboro, Eunis, Graham, Hillside, Luzerne, Lynn City, Martwick, McNary, Millport, Moorman, Nelson, Paradise, Powderly, South Carrollton, Tarina & Weir)

	Rates	Fringes
Ironworkers:.....	\$ 27.82	16.555

IRON0492-003 05/01/2013

ALLEN, LOGAN, SIMPSON, TODD & WARREN COUNTIES
BUTLER COUNTY (Southern third, including the Townships of Boston, Berrys Lick, Dimple, Jetson, Quality, Sharer, Sugar Grove & Woodbury);
CHRISTIAN COUNTY (Eastern two-thirds, including the Townships of Bennettstown, Casky, Herndon, Hopkinsville, Howell, Masonville, Pembroke & Thompsonville);
EDMONSON COUNTY (Southern fourth, including the Townships of

Chalybeate & Rocky Hill));
MUHLENBERG COUNTY (Southern eighth, including the Townships of
Dunnior, Penrod & Rosewood)

	Rates	Fringes
Ironworkers:.....	\$ 23.84	10.96

IRON0782-006 05/01/2014		

BALLARD, CALLOWAY, CARLISLE, FULTON, GRAVES, HICKMAN,
LIVINGSTON, LYON, MARSHALL, MCCracken & TRIGG COUNTIES
CALDWELL COUNTY (Southwestern two-thirds, including the
Townships of Cedar Bluff, Cider, Claxton, Cobb, Crowtown,
Dulaney, Farmersville, Fredonia, McGowan, Otter Pond &
Princeton);
CHRISTIAN COUNTY (Western third, Excluding the Townships of
Apex, Crofton, Kelly, Mannington, Wynns, Bennettstown, Casky,
Herndon, Hopkinsville, Howell, Masonville, Pembroke &
Thompsonville);
CRITTENDEN COUNTY (Southwestern half, including the Townships
of Crayne, Dycusburg, Frances, Marion, Mexico, Midway,
Sheridan & Told)

	Rates	Fringes
Ironworkers:		
Projects with a total contract cost of \$20,000,000.00 or above.....	\$ 27.09	20.66
All Other Work.....	\$ 25.50	19.02

LABO0189-005 07/01/2014		

BALLARD, CALLOWAY, CARLISLE, FULTON, GRAVES, HICKMAN,
LIVINGSTON, LYON, MARSHALL & MCCracken COUNTIES

	Rates	Fringes
Laborers:		
GROUP 1.....	\$ 21.50	12.26
GROUP 2.....	\$ 21.75	12.26
GROUP 3.....	\$ 21.80	12.26
GROUP 4.....	\$ 22.40	12.26

LABORER 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; Blaster; 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

LABO0189-006 07/01/2014

ALLEN, BUTLER, CALDWELL, CHRISTIAN, DAVIESS, EDMONSON, HANCOCK,
HOPKINS, LOGAN, MCLEAN, MUHLENBERG, OHIO, SIMPSON, TODD, TRIGG
& WARREN COUNTIES

	Rates	Fringes
Laborers:		
GROUP 1.....	\$ 22.66	11.10
GROUP 2.....	\$ 22.91	11.10
GROUP 3.....	\$ 22.96	11.10
GROUP 4.....	\$ 23.56	11.10

LABORER 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; Blaster; 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

LABO0561-001 07/01/2014

CRITTENDEN, HENDERSON, UNION & WEBSTER COUNTIES

	Rates	Fringes
Laborers:		
GROUP 1.....	\$ 21.36	12.65
GROUP 2.....	\$ 21.61	12.65
GROUP 3.....	\$ 21.66	12.65
GROUP 4.....	\$ 22.26	12.65

LABORER 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; Blaster; 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

PAIN0032-002 05/01/2013

BALLARD COUNTY

	Rates	Fringes
Painters:		
Bridges.....	\$ 30.56	15.18
All Other Work.....	\$ 28.26	15.18

Spray, Blast, Steam, High & Hazardous (Including Lead
Abatement) and All Epoxy - \$1.00 Premium

PAIN0118-003 06/01/2014

EDMONSON COUNTY:

	Rates	Fringes
Painters:		
Brush & Roller.....	\$ 18.50	12.02
Spray, Sandblast, Power Tools, Waterblast & Steam Cleaning.....	\$ 19.00	12.02

PAIN0156-006 04/01/2014

DAVIESS, HANCOCK, HENDERSON, MCLEAN, OHIO, UNION & WEBSTER
COUNTIES

	Rates	Fringes
Painters:		
BRIDGES		
GROUP 1.....	\$ 27.20	12.51
GROUP 2.....	\$ 27.45	12.51
GROUP 3.....	\$ 28.20	12.51
GROUP 4.....	\$ 29.20	12.51
ALL OTHER WORK:		
GROUP 1.....	\$ 26.05	12.51
GROUP 2.....	\$ 26.30	12.51
GROUP 3.....	\$ 27.05	12.51
GROUP 4.....	\$ 28.05	12.51

PAINTER CLASSIFICATIONS

GROUP 1 - Brush & Roller

GROUP 2 - Plasterers

GROUP 3 - Spray; Sandblast; Power Tools; Waterblast;
Steamcleaning; Brush & Roller of Mastics, Creosotes, Kwinch

Koate & Coal Tar Epoxy

GROUP 4 - Spray of Mastics, Creosotes, Kwinch Koate & Coal
Tar Epoxy

PAIN0456-003 07/01/2011

ALLEN, BUTLER, LOGAN, MUHLENBERG, SIMPSON, TODD & WARREN
COUNTIES:

	Rates	Fringes
Painters:		
BRIDGES		
Brush & Roller.....	\$ 22.55	9.65
Spray; Sandblast; Power Tools; Waterblast & Steam Cleaning.....	\$ 23.55	9.65
ALL OTHER WORK		
Brush & Roller.....	\$ 17.55	9.65
Spray; Sandblast; Power Tools; Waterblast & Steam Cleaning.....	\$ 18.55	9.65

ALL OTHER WORK - HIGH TIME PAY
Over 35 feet (up to 100 feet) - \$1.00 above base wage
100 feet and over - \$2.00 above base wage

DURING SPRAY PAINTING AND SANDBLASTING OPERATIONS, POT
TENDERS SHALL RECEIVE THE SAME WAGE RATES AS THE SPRAY
PAINTER OR NOZZLE OPERATOR

PAIN0500-002 06/01/2014

CALDWELL, CALLOWAY, CARLISLE, CHRISTIAN, CRITTENDEN, FULTON,
GRAVES, HICKMAN, HOPKINS, LIVINGSTON, LYON, MARSHALL, MCCracken
& TRIGG COUNTIES:

	Rates	Fringes
Painters:		
Bridges.....	\$ 26.45	12.05
All Other Work.....	\$ 20.20	12.05

Waterblasting units with 3500 PSI and above - \$.50 premium
Spraypainting and all abrasive blasting - \$1.00 premium
Work 40 ft. and above ground level - \$1.00 premium

PLUM0184-002 07/01/2013

BALLARD, CALDWELL, CALLOWAY, CARLISLE, CHRISTIAN, CRITTENDEN,
FULTON, GRAVES, HICKMAN, LIVINGSTON, LYON, MARSHALL, MCCracken
and TRIGG COUNTIES

	Rates	Fringes
Plumber; Steamfitter.....	\$ 33.11	14.83

PLUM0502-004 08/01/2013

ALLEN, BUTLER, EDMONSON, SIMPSON & WARREN

	Rates	Fringes
Plumber; Steamfitter.....	\$ 32.00	17.17

PLUM0633-002 08/01/2013

DAVIESS, HANCOCK, HENDERSON, HOPKINS, LOGAN, MCLEAN,
MUHLENBERG, OHIO, TODD, UNION & WEBSTER COUNTIES:

	Rates	Fringes
PLUMBER/PIPEFITTER.....	\$ 29.87	14.25

TEAM0089-003 03/30/2014

ALLEN, BUTLER, EDMONSON, LOGAN, SIMPSON & WARREN COUNTIES

	Rates	Fringes
Truck drivers:		
Zone 1:		
Group 1.....	\$ 19.58	17.83
Group 2.....	\$ 19.76	17.83
Group 3.....	\$ 19.84	17.83
Group 4.....	\$ 19.86	17.83

GROUP 1 - Greaser; Tire Changer

GROUP 2 - Truck Mechanic; Single Axle Dump; Flat Bed; All Terrain Vehicles when used to haul materials; Semi Trailer or Pole Trailer when used to pull building materials and equipment; Tandem Axle Dump; Driver of Distributors

GROUP 3 - Mixer All Types

GROUP 4 - Winch and A-Frame when used in transporting materials; Ross Carrier; Fork Lift when used to transport building materials; Driver on Pavement Breaker; Euclid and Other Heavy Earth Moving Equipment; Low Boy; Articulator Cat; Five Axle Vehicle

TEAM0215-003 03/31/2013

DAVIESS, HANCOCK, HENDERSON, HOPKINS, MCLEAN, MUHLENBERG, OHIO
& WEBSTER COUNTIES

	Rates	Fringes
TRUCK DRIVER		
Group 1.....	\$ 20.93	16.85
Group 2.....	\$ 21.16	16.85
Group 3.....	\$ 21.23	16.85
Group 4.....	\$ 21.24	16.85

GROUP 1: Greaser, Tire Changer

GROUP 2: Truck Mechanic

GROUP 3: Single Axle Dump; Flat Bed; All Terrain Vehicle when used to haul materials; Semi Trailer or Pole Trailer when used to pull building materials and equipment; Tandem Axle Dump; Driver of Distributors; Mixer All Types

GROUP 4: Euclid and other heavy earth moving equipment; Low Boy; Articulator Cat; 5 Axle Vehicle; Winch and A- Frame when used in transporting materials; Ross Carrier; Fork Lift when used to transport building materials; Driver on Pavement Breaker

TEAM0236-001 03/31/2013

BALLARD, CALDWELL, CALLOWAY, CARLISLE, CHRISTIAN, CRITTENDEN, FULTON, GRAVES, HICKMAN, LIVINGSTON, LYON, MARSHALL, MCCRACKEN,TODD & TRIGG COUNTIES

	Rates	Fringes
TRUCK DRIVER		
Group 1.....	\$ 19.38	16.85
Group 2.....	\$ 19.56	16.85
Group 3.....	\$ 19.56	16.85
Group 4.....	\$ 19.66	16.85
Group 5.....	\$ 19.64	16.85

GROUP 1: Greaser, Tire Changer

GROUP 2: Truck Mechanic

GROUP 3: Single Axle Dump; Flat Bed; All Terrain Vehicle when used to haul materials; Semi Trailer or Pole Trailer when used to pull building materials and equipment; Tandem Axle Dump; Drivers of Distributors

GROUP 4: Euclid and other heavy earth moving equipment; Low Boy; Articulator Cat; Five Axle Vehicle; Winch and A-Frame when used in transporting materials; Ross Carrier

GROUP 5: Mixer All Types

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)).

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 rates.

0000/9999: weighted union wage rates will be published annually each January.

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 majority 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.

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-14-I-HWY dated July 14, 2014.

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.

Diana Castle Radcliffe, P.E.
Director, Division of Construction Procurement
Frankfort, Kentucky 40622

PROPOSAL BID ITEMS

141067

Report Date 11/7/14

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Section: 0001 - PAVING-ASPHALT

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00001		DGA BASE	83,674.00	TON		\$	
0020	00100		ASPHALT SEAL AGGREGATE	1,424.00	TON		\$	
0030	00103		ASPHALT SEAL COAT	172.00	TON		\$	
0040	00203		CL2 ASPH BASE 1.50D PG64-22	16,426.00	TON		\$	
0050	00205		CL3 ASPH BASE 1.50D PG64-22	29,234.00	TON		\$	
0060	00212		CL2 ASPH BASE 1.00D PG64-22	35,044.00	TON		\$	
0070	00214		CL3 ASPH BASE 1.00D PG64-22	69,100.00	TON		\$	
0080	00309		CL2 ASPH SURF 0.50D PG64-22	10,739.00	TON		\$	
0090	00330		CL3 ASPH SURF 0.50A PG64-22	15,430.00	TON		\$	
0100	02058		REMOVE PCC PAVEMENT	39,436.00	SQYD		\$	
0110	02107		BREAKING AND SEATING PAVEMENT	137,316.00	SQYD		\$	
0120	02200		ROADWAY EXCAVATION	10,412.00	CUYD		\$	
0130	02230		EMBANKMENT IN PLACE	13,114.00	CUYD		\$	
0140	02235		BACKFILLING UNDERCUT	5,067.00	CUYD		\$	
0150	02585		EDGE KEY	100.00	LF		\$	
0160	02598		FABRIC-GEOTEXTILE TYPE III	30,400.00	SQYD		\$	
0170	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		\$	
0180	02677		ASPHALT PAVE MILLING & TEXTURING	2,348.00	TON		\$	
0190	02696		SHOULDER RUMBLE STRIPS-SAWED	72,250.00	LF		\$	
0200	10203ND		PAVEMENT ADJUSTMENT ASPHALT	1.00	LS	356,109.00	\$	\$1,356,109.00
0210	20071EC		JOINT ADHESIVE (REVISED: 11-7-14)	222,724.00	LF		\$	

Section: 0002 - PAVING-CONCRETE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0220	00001		DGA BASE (REVISED: 11-7-14)	74,167.00	TON		\$	
0230	00100		ASPHALT SEAL AGGREGATE	1,424.00	TON		\$	
0240	00103		ASPHALT SEAL COAT	172.00	TON		\$	
0250	00212		CL2 ASPH BASE 1.00D PG64-22	4,679.00	TON		\$	
0260	00269		MOD OPEN-GRADED DRAINAGE COURSE	12,403.00	TON		\$	
0270	00309		CL2 ASPH SURF 0.50D PG64-22	2,068.00	TON		\$	
0280	00330		CL3 ASPH SURF 0.50A PG64-22	1,450.00	TON		\$	
0290	02058		REMOVE PCC PAVEMENT	55,869.00	SQYD		\$	
0300	02070		JPC PAVEMENT-12 IN	36,063.00	SQYD		\$	
0310	02073		JPC PAVEMENT-9 IN	137,316.00	SQYD		\$	
0330	02078		JPC PAVEMENT-6 IN SHLD	34,768.00	SQYD		\$	
0340	02081		JPC PAVEMENT-8 IN SHLD (REVISED: 11-7-14)	23,984.00	SQYD		\$	
0350	02082		JPC PAVEMENT-9 IN SHLD	66,366.00	SQYD		\$	
0360	02200		ROADWAY EXCAVATION	10,412.00	CUYD		\$	
0370	02230		EMBANKMENT IN PLACE	13,114.00	CUYD		\$	
0380	02235		BACKFILLING UNDERCUT	9,600.00	CUYD		\$	
0390	02598		FABRIC-GEOTEXTILE TYPE III	57,600.00	SQYD		\$	
0400	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		\$	

PROPOSAL BID ITEMS

141067

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Report Date 11/7/14

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0410	02677		ASPHALT PAVE MILLING & TEXTURING	2,348.00	TON		\$	
0420	02695		RUMBLE STRIPS TYPE 3	420.00	LF		\$	
0430	10203ND		PAVEMENT ADJUSTMENT CONCRETE	1.00	LS	785,704.00	\$	\$785,704.00
0431	20071EC		JOINT ADHESIVE (ADDED: 11-7-14)	19,582.00	LF		\$	

Section: 0003 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0440	00078		CRUSHED AGGREGATE SIZE NO 2	2,150.00	TON		\$	
0450	01001		PERFORATED PIPE-6 IN	105,950.00	LF		\$	
0460	01011		NON-PERFORATED PIPE-6 IN	4,250.00	LF		\$	
0470	01015		INSPECT & CERTIFY EDGE DRAIN SYSTEM	1.00	LS		\$	
0480	01021		PERF PIPE HEADWALL TY 1-6 IN	30.00	EACH		\$	
0490	01029		PERF PIPE HEADWALL TY 3-6 IN	38.00	EACH		\$	
0500	01033		PERF PIPE HEADWALL TY 4-6 IN	38.00	EACH		\$	
0510	01480		CURB BOX INLET TYPE B	2.00	EACH		\$	
0520	01690		FLUME INLET TYPE 1	4.00	EACH		\$	
0530	01718		REMOVE INLET	2.00	EACH		\$	
0540	01720		RECONSTRUCT INLET	30.00	EACH		\$	
0550	01741		CORED HOLE DRAINAGE BOX CON-6 IN	54.00	EACH		\$	
0560	01845		ISLAND INTEGRAL CURB	320.00	LF		\$	
0570	01982		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	460.00	EACH		\$	
0580	02014		BARRICADE-TYPE III	18.00	EACH		\$	
0590	02237		DITCHING	12,800.00	LF		\$	
0600	02352		GUARDRAIL-STEEL W BEAM-D FACE	1,375.00	LF		\$	
0610	02363		GUARDRAIL CONNECTOR TO BRIDGE END TY A	26.00	EACH		\$	
0620	02365		CRASH CUSHION TYPE IX-A	10.00	EACH		\$	
0630	02367		GUARDRAIL END TREATMENT TYPE 1	20.00	EACH		\$	
0640	02369		GUARDRAIL END TREATMENT TYPE 2A	27.00	EACH		\$	
0650	02377		GUARDRAIL CONNECTOR TO BRIDGE END TY C	4.00	EACH		\$	
0660	02381		REMOVE GUARDRAIL	33,850.00	LF		\$	
0670	02391		GUARDRAIL END TREATMENT TYPE 4A	5.00	EACH		\$	
0680	02397		TEMP GUARDRAIL	1,250.00	LF		\$	
0690	02483		CHANNEL LINING CLASS II	1,400.00	TON		\$	
0700	02484		CHANNEL LINING CLASS III	1,200.00	TON		\$	
0710	02562		TEMPORARY SIGNS	1,836.00	SQFT		\$	
0720	02565		OBJECT MARKER TYPE 2	20.00	EACH		\$	
0730	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0740	02655		CROSSOVER NO.1	1.00	LS		\$	
0750	02655		CROSSOVER NO.2	1.00	LS		\$	
0760	02655		CROSSOVER NO.3	1.00	LS		\$	
0770	02655		CROSSOVER NO.4	1.00	LS		\$	

PROPOSAL BID ITEMS

141067

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Report Date 11/7/14

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0780	02655		CROSSOVER NO.5	1.00	LS		\$	
0790	02655		CROSSOVER NO.6	1.00	LS		\$	
0800	02671		PORTABLE CHANGEABLE MESSAGE SIGN	10.00	EACH		\$	
0810	02714		SHOULDERING	27,360.00	LF		\$	
0820	02726		STAKING	1.00	LS		\$	
0830	02775		ARROW PANEL	2.00	EACH		\$	
0840	02929		CRASH CUSHION TYPE IX	8.00	EACH		\$	
0850	03225		TUBULAR MARKERS	1,040.00	EACH		\$	
0860	03262		CLEAN PIPE STRUCTURE	1.00	EACH		\$	
0870	04830		LOOP WIRE	300.00	LF		\$	
0880	05950		EROSION CONTROL BLANKET	65,400.00	SQYD		\$	
0890	05966		TOPDRESSING FERTILIZER	7.04	TON		\$	
0900	05985		SEEDING AND PROTECTION	68,000.00	SQYD		\$	
0910	05992		AGRICULTURAL LIMESTONE	46.00	TON		\$	
0920	06401		FLEXIBLE DELINEATOR POST-M/W	1,063.00	EACH		\$	
0930	06404		FLEXIBLE DELINEATOR POST-M/Y	394.00	EACH		\$	
0940	06412		STEEL POST MILE MARKERS	10.00	EACH		\$	
0950	06511		PAVE STRIPING-TEMP PAINT-6 IN	83,400.00	LF		\$	
0960	06549		PAVE STRIPING-TEMP REM TAPE-B	380.00	LF		\$	
0970	06550		PAVE STRIPING-TEMP REM TAPE-W	1,680.00	LF		\$	
0980	06551		PAVE STRIPING-TEMP REM TAPE-Y	840.00	LF		\$	
0990	06570		PAVE MARKING-PAINT CROSS-HATCH	13,812.00	SQFT		\$	
1000	06592		PAVEMENT MARKER TYPE V-B W/R	1,239.00	EACH		\$	
1010	06593		PAVEMENT MARKER TYPE V-B Y/R	505.00	EACH		\$	
1020	06600		REMOVE PAVEMENT MARKER TYPE V	660.00	EACH		\$	
1030	08100		CONCRETE-CLASS A	44.47	CUYD		\$	
1040	08150		STEEL REINFORCEMENT	392.00	LB		\$	
1050	20205EC		PAVE MARK STOP BAR-24 IN PAINT	214.00	LF		\$	
1060	20411ED		LAW ENFORCEMENT OFFICER	1,000.00	HOURL		\$	
1070	20456NS835		INSTALL TEMP VIDEO CAMERA	1.00	EACH		\$	
1080	20467NS112		RELOCATE TUBULAR MARKER	600.00	EACH		\$	
1090	21659NN		RELOCATE SIGNAL HEAD	1.00	EACH		\$	
1100	21802EN		G/R STEEL W BEAM-S FACE (7 FT POST)	30,550.00	LF		\$	
1110	22664EN		WATER BLASTING EXISTING STRIPE	54,740.00	LF		\$	
1120	22883EN		CONCRETE WEDGE CURB	3,223.00	LF		\$	
1130	23143ED		KPDES PERMIT AND TEMP EROSION CONTROL	1.00	LS		\$	
1140	23670EC		INSTALL VIDEO DETECTION CABLE	200.00	LF		\$	
1150	24189ER		DURABLE WATERBORNE MARKING-6 IN W	92,611.00	LF		\$	
1160	24190ER		DURABLE WATERBORNE MARKING-6 IN Y	85,750.00	LF		\$	
1170	24191ER		DURABLE WATERBORNE MARKING-12 IN W	10,700.00	LF		\$	

Section: 0004 - BRIDGE-TAMARACK ROAD

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1180	03299		ARMORED EDGE FOR CONCRETE	157.00	LF		\$	
1190	08151		STEEL REINFORCEMENT-EPOXY COATED	1,900.00	LB		\$	
1200	08469		EXPANSION DAM-1.5 IN NEOPRENE	314.00	LF		\$	

PROPOSAL BID ITEMS

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Report Date 11/7/14

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1210	08504		EPOXY SAND SLURRY	122.00	SQYD		\$	
1220	08526		CONC CLASS M FULL DEPTH PATCH	4.00	CUYD		\$	
1230	08534		CONCRETE OVERLAY-LATEX	50.00	CUYD		\$	
1240	08549		BLAST CLEANING	1,355.00	SQYD		\$	
1250	08551		MACHINE PREP OF SLAB	1,300.00	SQYD		\$	
1260	24094EC		PARTIAL DEPTH PATCHING	10.00	CUYD		\$	

Section: 0005 - BRIDGE-J.R. MILLER BLVD.

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1270	03299		ARMORED EDGE FOR CONCRETE	131.00	LF		\$	
1280	08151		STEEL REINFORCEMENT-EPOXY COATED	1,011.00	LB		\$	
1290	08469		EXPANSION DAM-1.5 IN NEOPRENE	261.00	LF		\$	
1300	08504		EPOXY SAND SLURRY	123.00	SQYD		\$	
1310	08526		CONC CLASS M FULL DEPTH PATCH	4.00	CUYD		\$	
1320	08534		CONCRETE OVERLAY-LATEX	49.00	CUYD		\$	
1330	08549		BLAST CLEANING	1,155.00	SQYD		\$	
1340	08551		MACHINE PREP OF SLAB	1,100.00	SQYD		\$	
1350	24094EC		PARTIAL DEPTH PATCHING	10.00	CUYD		\$	

Section: 0006 - BRIDGE-SUTHERLAND ROAD

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1360	03299		ARMORED EDGE FOR CONCRETE	131.00	LF		\$	
1370	08151		STEEL REINFORCEMENT-EPOXY COATED	867.00	LB		\$	
1380	08469		EXPANSION DAM-1.5 IN NEOPRENE	261.00	LF		\$	
1390	08504		EPOXY SAND SLURRY	95.00	SQYD		\$	
1400	08526		CONC CLASS M FULL DEPTH PATCH	3.00	CUYD		\$	
1410	08534		CONCRETE OVERLAY-LATEX	37.00	CUYD		\$	
1420	08549		BLAST CLEANING	880.00	SQYD		\$	
1430	08551		MACHINE PREP OF SLAB	836.00	SQYD		\$	
1440	24094EC		PARTIAL DEPTH PATCHING	8.00	CUYD		\$	

Section: 0007 - DEMOBILIZATION &/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1450	02568		MOBILIZATION	1.00	LS		\$	
1460	02569		DEMOBILIZATION	1.00	LS		\$	

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SPECIAL NOTE FOR LONGITUDINAL PAVEMENT JOINT ADHESIVE

1. DESCRIPTION. This specification covers the requirements and practices for applying an asphalt adhesive material to the longitudinal joint of the surface course of an asphalt pavement. Apply the adhesive to the face of longitudinal joint between driving lanes for the first lane paved. Then, place and compact the adjacent lane against the treated face to produce a strong, durable, waterproof longitudinal joint.
2. MATERIALS, EQUIPMENT, AND PERSONNEL.

2.1 Joint Adhesive. Provide material conforming to Subsection 2.1.1.

2.1.1 Provide an adhesive conforming to the following requirements:

Property	Specification	Test Procedure
Viscosity, 400 ° F (Pa·s)	4.0 – 10.0	ASTM D 4402
Cone Penetration, 77 ° F	60 – 100	ASTM D 5329
Flow, 140 ° F (mm)	5.0 max.	ASTM D 5329
Resilience, 77 ° F (%)	30 min.	ASTM D 5329
Ductility, 77 ° F (cm)	30.0 min.	ASTM D 113
Ductility, 39 ° F (cm)	30.0 min.	ASTM D 113
Tensile Adhesion, 77 ° F (%)	500 min.	ASTM D 5329, Type II
Softening Point, ° F	171 min.	AASHTO T 53
Asphalt Compatibility	Pass	ASTM D 5329

Ensure the temperature of the pavement joint adhesive is between 380 and 410 °F when the material is extruded in a 0.125-inch-thick band over the entire face of the longitudinal joint.

2.2. Equipment.

2.2.1 Melter Kettle. Provide an oil-jacketed, double-boiler, melter kettle equipped with any needed agitation and recirculating systems.

2.2.2 Applicator System. Provide a pressure-feed-wand applicator system with an applicator shoe attached.

2.3 Personnel. Ensure a technical representative from the manufacturer of the pavement joint adhesive is present during the initial construction activities and available upon the request of the Engineer.

3. CONSTRUCTION.

3.1 Surface Preparation. Prior to the application of the pavement joint adhesive, ensure the face of the longitudinal joint is thoroughly dry and free from dust or any other debris that would inhibit adhesion. Clean the joint face by the use of compressed air.

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Ensure this preparation process occurs shortly before application to prevent the return of debris on the joint face.

3.2 Pavement Joint Adhesive Application. Ensure the ambient temperature is a minimum of 40 ° F during the application of the pavement joint adhesive. Prior to applying the adhesive, demonstrate competence in applying the adhesive according to this note to the satisfaction of the Engineer. Heat the adhesive in the melter kettle to the specified temperature range. Pump the adhesive from the melter kettle through the wand onto the vertical face of the cold joint. Apply the adhesive in a continuous band over the entire face of the longitudinal joint. Do not use excessive material in either thickness or location. Ensure the edge of the extruded adhesive material is flush with the surface of the pavement. Then, place and compact the adjacent lane against the joint face. Remove any excessive material extruded from the joint after compaction (a small line of material may remain).

3.3 Pavement Joint Adhesive Certification. Furnish the joint adhesive's certification to the Engineer stating the material conforms to all requirements herein prior to use.

3.4 Sampling and Testing. The Department will require a random sample of pavement joint adhesive from each manufacturer's lot of material. Extrude two 5 lb. samples of the heated material and forward the sample to the Division of Materials for testing. Reynolds oven bags, turkey size, placed inside small cardboard boxes or cement cylinder molds have been found suitable. Ensure the product temperature is 400°F or below at the time of sampling.

4. MEASUREMENT. The Department will measure the quantity of Pavement Joint Adhesive in linear feet. The Department will not measure for payment any extra materials, labor, methods, equipment, or construction techniques used to satisfy the requirements of this note. The Department will not measure for payment any trial applications of Pavement Joint Adhesive, the cleaning of the joint face, or furnishing and placing the adhesive. The Department will consider all such items incidental to the Pavement Joint Adhesive.
5. PAYMENT. The Department will pay for the Pavement Joint Adhesive at the Contract unit bid price and apply an adjustment for each manufacturer's lot of material based on the degree of compliance as defined in the following schedule. When a sample fails on two or more tests, the Department may add the deductions, but the total deduction will not exceed 100 percent.

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Pavement Joint Adhesive Price Adjustment Schedule						
Test	Specification	100% Pay	90% Pay	80% Pay	50% Pay	0% Pay
Joint Adhesive Referenced in Subsection 2.1.1						
Viscosity, 400 ° F (Pa•s)			3.0-3.4	2.5-2.9	2.0-2.4	≤1.9
ASTM D 3236	4.0-10.0	3.5-10.5	10.6-11.0	11.1-11.5	11.6-12.0	≥ 12.1
Cone Penetration, 77 ° F			54-56	51-53	48-50	≤ 47
ASTM D 5329	60-100	57-103	104-106	107-109	110-112	≥ 113
Flow, 140 ° F (mm) ASTM D 5329	≤ 5.0	≤ 5.5	5.6-6.0	6.1-6.5	6.6-7.0	≥ 7.1
Resilience, 77 ° F (%) ASTM D 5329	≥ 30	≥ 28	26-27	24-25	22-23	≤ 21
Tensile Adhesion, 77 ° F (%) ASTM D 5329	≥ 500	≥ 490	480-489	470-479	460-469	≤ 459
Softening Point, ° F AASHTO T 53	≥ 171	≥ 169	166-168	163-165	160-162	≤ 159
Ductility, 77 ° F (cm) ASTM D 113	≥ 30.0	≥ 29.0	28.0-28.9	27.0-27.9	26.0-26.9	≤ 25.9
Ductility, 39 ° F (cm) ASTM D 113	≥ 30.0	≥ 29.0	28.0-28.9	27.0-27.9	26.0-26.9	≤ 25.9

Code
20071EC

Pay Item
Joint Adhesive

Pay Unit
Linear Foot

May 7, 2014