



TRANSPORTATION CABINET

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

Steven L. Beshear
Governor

Michael W. Hancock, P.E.
Secretary

July 13, 2011

CALL NO. 100
CONTRACT ID NO. 111322
ADDENDUM # 2

Subject: Jefferson County, IM 0711 (101)
Letting July 15, 2011

- (1) Added - Special Note for Asphalt Milling & Texturing - Page 6(a) of 305
- (2) Revised - General Summary - Pages 44-46 of 305
- (3) Revised - Guardrail Summary - Pages 49-51 of 305
- (4) Revised - Summary of Quantities - Page 175 of 305
- (5) Revised - Bid Items - Pages 299-305 of 305

Proposal revisions are available at <http://transportation.ky.gov/contract/>.

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

Sincerely,

A handwritten signature in blue ink that reads "Ryan Griffith".

Ryan Griffith
Director
Division of Construction Procurement

RG:ks
Enclosures



**SPECIAL NOTE FOR
ASPHALT MILLING AND TEXTURING**

Contrary to Section 408 of the current Standard Specifications, the material obtained from the milling operations shall become the property of the Department. Deliver this material to the Middletown Maintenance facility in the County where the project is located unless otherwise stated in the contract. The Contractor, at his option, may elect to keep this material at an agreed cost of \$7.50 per ton. The cost to the Contractor for this material will be deducted from money due on the Contract.

Notice to Contractor

Transfer of millings to the Middletown maintenance facility is considered a part of the construction project, therefore truck operators are subject to receiving prevailing wages.

I-71
JEFFERSON COUNTY
PAVEMENT REHABILITATION, MILEPOST 0.00 TO 5.55
ITEM NO. 5-2053
GENERAL SUMMARY

ITEM NUMBER	ITEM	QUANTITY	UNIT
1	DGA BASE	13611	TON
69	CRUSHED AGGREGATE SIZE NO. 3	2200	TON
78	CRUSHED AGGREGATE SIZE NO. 2 (1)	243	TON
100	ASPHALT SEAL AGGREGATE	1891	TON
194	LEVELING AND WEDGING PG76-22	102	TON
214	CL3 ASPH BASE 1.0D PG64-22	15949	TON
217	CL4 ASPH BASE 1.0D PG64-22	2368	TON
219	CL4 ASPH BASE 1.0D PG76-22	22565	TON
339	CL3 ASPH SURF 0.38D PG64-22	4402	TON
342	CL4 ASPH SURF 0.38A PG76-22	7388	TON
291	EMULSIFIED ASPHALT RS-2	227	TON
1010	NON-PERFORATED PIPE 4 INCH	77	LIN FT
1020	PERF PIPE HEADWALL TY 1-4 IN	9	EACH
1458	CURB BOX INLET TYPE A - T (2)	30	EACH
1634	CAP CURB BOX INLET	1	EACH
1690	FLUME INLET TYPE 1 (17)	7	EACH
1691	FLUME INLET TYPE 2 (17)	14	EACH
1791	ADJUST MANHOLE FRAME TO GRADE	1	EACH
1890	ISLAND HEADER CURB TYPE 1 (3)	1490	LIN FT
1904	REMOVE CURB	9265	LIN FT
1982	DELINEATOR FOR GUARDRAIL - WHITE	431	EACH
1983	DELINEATOR FOR GUARDRAIL - YELLOW	54	EACH
1984	DELINEATOR FOR BARRIER - WHITE	58	EACH
1985	DELINEATOR FOR BARRIER - YELLOW	58	EACH
2014	BARRICADE TYPE III (4)	10	EACH
2200	ROADWAY EXCAVATION (11)	2614	CU YD
2220	FLOWABLE FILL	15	CU YD
2230	EMBANKMENT IN PLACE (14)	630	CU YD
2237	DITCHING (5)	69352	LIN FT
2352	GUARDRAIL-STEEL W BEAM-D FACE (6)	1787.5	LIN FT
2363	GUARDRAIL CONNECTOR TO BRIDGE END TYPE A	33	EACH
2365	CRASH CUSHION TYPE IX-A	13	EACH
2367	GUARDRAIL END TREATMENT TYPE 1 (16)	1	EACH
2369	GUARDRAIL END TREATMENT TYPE 2A	19	EACH
2373	GUARDRAIL END TREATMENT TYPE 3	2	EACH
2381	REMOVE GUARDRAIL	44825	LIN FT
2387	GUARDRAIL CONNECTOR TO BRIDGE END TYPE A-1	26	EACH
2391	GUARDRAIL END TREATMENT TYPE 4A	1	EACH
2460	REMOVE TREES OR STUMPS	2	EACH
2483	CHANNEL LINING CLASS II (7) (9)	1081	TON
2484	CHANNEL LINING CLASS III (9)	368	TON
2562	SIGNS (8)	1500	SQ FT
2565	OBJECT MARKER TYPE 2	40	EACH
2568	MOBILIZATION	1	LUMP SUM
2569	DEMOBILIZATION	1	LUMP SUM
2599	GEOTEXTILE FABRIC TYPE IV (10)	6559	SQ YD
2650	MAINTAIN AND CONTROL TRAFFIC	1	LUMP SUM
2671	PORTABLE CHANGEABLE MESSAGE SIGN (4)	4	EACH
2676	MOBILIZATION FOR MILLING & TEXTURING	1	LUMP SUM
2677	ASPHALT PAVE MILLING & TEXTURING	25991	TON
2775	ARROW PANEL (4)	2	EACH
2898	RELOCATE CRASH CUSHION (13)	7	EACH
8905	CRASH CUSHION TY VI CLASS CT	6	EACH
3171	CONCRETE BARRIER WALL TYPE 9T (TEMPORARY)	3690	LIN FT
2003	RELOCATE TEMP CONC BARRIER	3690	LIN FT
3262	CLEAN PIPE STRUCTURE	2	EACH

**I-71
JEFFERSON COUNTY
PAVEMENT REHABILITATION, MILEPOST 0.00 TO 5.55
ITEM NO. 5-2053
GENERAL SUMMARY**

ITEM NUMBER	ITEM	QUANTITY	UNIT
3269	TRIM & REMOVE TREES & BRUSH	160	LIN FT
4700	POLE 30' MTG HT	1	EACH
4701	POLE 40' MTG HT	3	EACH
4720	BRACKET 4'	3	EACH
4725	BRACKET 15'	1	EACH
4750	TRANSFORMER BASE	4	EACH
4770	HPS LUMINAIRE	4	EACH
4780	FUSED CONNECTOR KIT	16	EACH
4793	CONDUIT - 1 1/4 INCH	1400	LIN FT
4820	TRENCHING AND BACKFILLING	1500	LIN FT
4832	WIRE - NO. 12	400	LIN FT
4833	WIRE - NO. 8	3900	LIN FT
4834	WIRE NO. 6	2200	LIN FT
4940	REMOVE LIGHTING	1	LUMP SUM
5950	EROSION CONTROL BLANKET (12)	5228	SQ YD
6417	FLEXIBLE DELINEATOR POST-W	261	EACH
6418	FLEXIBLE DELINEATOR POST-Y	67	EACH
6511	PAVEMENT STRIPING-TEMP PAINT -6 INCH	97597	LIN FT
6568	PAVE MARK-THERMO STOP BAR-24 IN (15)	42	LIN FT
6592	PAVEMENT MARKER TYPE V- B W/R	565	EACH
6593	PAVEMENT MARKER TYPE V- B Y/R	93	EACH
6600	REMOVE PAVEMENT MARKER TYPE V	100	EACH
10020NS	FUEL ADJUSTMENT	77224	DOLLAR
10030NS	ASPHALT ADJUSTMENT	127140	DOLLAR
20314ED	MILLED RUMBLE STRIPS	71644	LIN FT
20391NS835	JUNCTION BOX TYPE A (16)	1	EACH
20392NS835	JUNCTION BOX TYPE C (16)	1	EACH
20411ED	LAW ENFORCEMENT OFFICER	2000	HOURLY
20465EC	CLEAN CULVERT	1	LUMP SUM
21802EN	GUARDRAIL-STEEL W BEAM-S FACE (7 FT POST) (18)	42900.0	LIN FT
23143ED	K.P.D.E.S. PERMIT AND TEMPORARY EROSION CONTROL	1	LUMP SUM
23237EN10W	WATERBLAST STRIPE REMOVAL	97597	LIN FT
24189ER	DURABLE WATERBORNE MARKING-6 IN W	55015	LIN FT
24190ER	DURABLE WATERBORNE MARKING-6 IN Y	42582	LIN FT
24191ER	DURABLE WATERBORNE MARKING-12 IN	2440	LIN FT
20757ED	PAVEMENT REPAIR (MAJOR)	237.3	SQ YD
	SPECIAL CONCRETE HEADER CURB	8790	LIN FT

- (1) To be used to repair washouts behind guardrail and around perforated pipe headwalls
(Includes 11 tons carried over from Perforated Pipe Summary)
- (2) Includes the removal and replacement of the top phase of curb box inlets only
- (3) Includes 1015 ft at curb box inlets on downstream side of bridges and 475 to reconstruct raised islands at the end of Zorn Avenue ramps
- (4) The quantity for these items includes the maximum in place at any one time. Any relocation required will not be paid for directly but will be considered incidental.
- (5) Ditching is intended for repair of the eroded areas in the median, pipe outlet ditches, and cleaning of drainage structures
Any embankment required is incidental to ditching.
- (6) Guardrail must utilize 7 foot long posts
- (7) Includes 1058 tons to be used for slope correction on 3:1 ditch slopes (see Detail 'C' on typical sections). Any excavator required to place the Channel Lining Class II or Class III is incidental to the lining.

I-71
JEFFERSON COUNTY
PAVEMENT REHABILITATION, MILEPOST 0.00 TO 5.55
ITEM NO. 5-2053
GENERAL SUMMARY

ITEM NUMBER	ITEM	QUANTITY	UNIT
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- (8) Intended for temporary traffic control signs and includes initial placement only. Any relocation of these temporary signs required will not be paid for directly but will be considered incidental.

- (9) Geotextile Fabric Type 1 to be placed under Aggregate Channel Lining is considered incidental to the lining

- (10) Includes 6552 sq.yd. to wrap No. 3 Stone on bridge end digouts and 7 sq.yd. for sinkhole treatment

- (11) For dig outs at bridge ends indicated in the typical sections

- (12) To be used for slope correction on 3:1 ditch slopes (see Detail 'C' on typical sections) and for other areas as directed by the Engineer. Seeding and fertilizing are considered incidental to the Erosion Control Blanket

- (13) Includes one permanent crash cushion to be reset

- (14) Soil embankment to be used for slope correction on 3:1 ditch slopes (see Detail 'C' on typical sections)

- (15) To be placed at end of exit ramps on Zorn Avenue

- (16) Included for bidding purposes only

- (17) Removal of existing concrete flumes is to be incidental to the construction of the new flume inlets

- (18) A length of 25 feet of double ply guardrail is to be installed at every proposed flume on the project. The double ply rail is considered incidental to Guardrail-Steel W Beam-S Face.

NOTE: Quantities from all summaries have been carried over and included in this General Summary

**I-71
JEFFERSON COUNTY
PAVEMENT REHABILITATION, MILEPOST 0.00 TO 5.55
ITEM NO. 5-2053
NORTHBOUND GUARDRAIL SUMMARY**

LOCATION	SIDE	FROM MILEPOST	TO MILEPOST	GUARDRAIL-STEEL W BEAM-S FACE (7 FT POST) (LF) (1)	GUARDRAIL-STEEL W BEAM-D FACE (LF)	GUARDRAIL END TREATMENT TYPE 4A (EACH)	GUARDRAIL END TREATMENT TYPE 2A (EACH)	GUARDRAIL END TREATMENT TYPE 3 (EACH)	GUARDRAIL CONNECTOR TO BRIDGE END TYPE A	GUARDRAIL CONNECTOR TO BRIDGE END TYPE A-1	CRASH CUSHION TYPE IX-A	REMOVE GUARDRAIL (LF)	DESCRIPTION
				21802EN	2352	2391	2369	2373	2363	2387	2365	2381	
NORTHBOUND	LT	0.02	0.02	12.5					1				CONNECT TO EXISTING GUARDRAIL
NORTHBOUND	RT	0.02	0.02	12.5					1				CONNECT TO EXISTING GUARDRAIL
NORTHBOUND	LT	0.04	0.06	62.5			1			1			
NORTHBOUND	LT	0.26	0.28	100.0	137.5				1		1	275.0	
NORTHBOUND	RT	0.25	0.32	350.0				1	1			250.0	EXTEND GUARDRAIL 100 L.F.
NORTHBOUND	LT	0.36	0.36	37.5			1			1			
NORTHBOUND	RT	0.36	0.53	912.5					1	1		912.5	
NORTHBOUND	LT	0.46	0.50	200.0	137.5				1		1	375.0	
NORTHBOUND	LT	0.56	0.56	37.5			1			1			
NORTHBOUND	RT	0.56	0.88	1675.0					1	1		1675.0	
NORTHBOUND	LT	0.83	0.85	100.0	137.5				1		1	275.0	
NORTHBOUND	LT	0.90	0.95	275.0			1			1		250.0	
NORTHBOUND	RT	0.90	1.45	2884.0						1		2884.0	
NORTHBOUND	RT	1.58	1.73	825.0		1			1			862.5	
NORTHBOUND	LT	1.69	1.71	100.0	137.5				1		1	275.0	
NORTHBOUND	LT	1.79	1.80	62.5			1			1		62.5	
NORTHBOUND	RT	1.79	1.93	725.0			1			1		725.0	
NORTHBOUND	LT	1.92	1.94	100.0	137.5				1		1	275.0	
NORTHBOUND	LT	2.00	2.01	50.0			1			1			
NORTHBOUND	RT	2.18	2.98	4225.0					1			4225.0	
NORTHBOUND	LT	2.94	2.96	100.0	137.5				1		1	275.0	
NORTHBOUND	LT	3.01	3.02	37.5			1			1			
NORTHBOUND	RT	3.01	3.62	3187.5					1	1		3187.5	
NORTHBOUND	LT	3.57	3.59	100.0	137.5				1		1	275.0	
NORTHBOUND	RT	3.68	3.68	37.5								37.5	REPLACE DAMAGED GR AND CONNECT TO EXISTING GR
NORTHBOUND	RT	3.70	3.72	75.0								75.0	REPLACE DAMAGED GR AND CONNECT TO EXISTING GR
NORTHBOUND	RT	4.03	4.07	212.5								212.5	REPLACE DAMAGED GR AND CONNECT TO EXISTING GR
NORTHBOUND	RT	4.64	4.65	50.0								50.0	REPLACE DAMAGED GR AND CONNECT TO EXISTING GR
SHEET TOTALS				16546.5	962.5	1	8	1	15	12	7	17434.0	

(1) A length of 25 feet of double ply guardrail is to be installed at every proposed flume on the project. The double ply rail is considered incidental to Guardrail-Steel W Beam-S Face.

The Milepost references listed above are given as distances measured from the official M.P. 0.875, which corresponds to the southwest joint of the Edith Street bridge in the northbound direction (as-built plans I-71 32' Rt. Sta. 372+98; State Plane Single Zone Coordinates: Northing = 3984750.3422, Easting = 4932801.2618)

The Contractor is advised not to use the existing Mileposts to locate the items listed above, but to determine their location by measuring from the mentioned M.P. 0.875, reference point. The existing mileposts have been placed in wrong locations and, furthermore, the distances between existing mileposts are off by more than 10% when measured in the field. Using the existing mileposts as a reference would, therefore, involve a potential error in excess of 1000 feet.

**I-71
JEFFERSON COUNTY
PAVEMENT REHABILITATION, MILEPOST 0.00 TO 5.55
ITEM NO. 5-2053
SOUTHBOUND GUARDRAIL SUMMARY**

LOCATION	SIDE	FROM MILEPOST	TO MILEPOST	GUARDRAIL-STEEL W BEAM-S FACE (7 FT POST) (LF) (1)	GUARDRAIL-STEEL W BEAM-D FACE (LF)	GUARDRAIL END TREATMENT TYPE 4A (EACH)	GUARDRAIL END TREATMENT TYPE 2A (EACH)	GUARDRAIL END TREATMENT TYPE 3 (EACH)	GUARDRAIL CONNECTOR TO BRIDGE END TYPE A	GUARDRAIL CONNECTOR TO BRIDGE END TYPE A-1	CRASH CUSHION TYPE IX-A	RELOCATE CRASH CUSHION	REMOVE GUARDRAIL (LF)	DESCRIPTION
				21802EN	2352.0	2391	2369	2373	2363	2387	2365	2898	2381.0	
SOUTHBOUND	LT	0.02	0.02	12.5						1				CONNECT TO EXISTING GUARDRAIL
SOUTHBOUND	RT	0.02	0.02	12.5						1				CONNECT TO EXISTING GUARDRAIL
SOUTHBOUND	LT	0.04	0.10	287.5				1	1				287.5	CONNECT TO EXISTING GUARDRAIL
SOUTHBOUND	RT	0.04	0.06	100.0	137.5				1		1		275.0	
SOUTHBOUND	LT	0.26	0.30	212.5			1			1			212.5	
SOUTHBOUND	LT	0.35	0.52	900.0					1	1			900.0	
SOUTHBOUND	RT	0.36	0.37	100.0	137.5				1		1		275.0	
SOUTHBOUND	RT	0.47	0.52	300.0			1			1			300.0	
SOUTHBOUND	LT	0.55	0.88	1712.5					1	1			1712.5	
SOUTHBOUND	RT	0.55	0.57	100.0	137.5				1		1		275.0	
SOUTHBOUND	LT	0.90	1.36	2415.0					1				2415.0	
SOUTHBOUND	RT	0.90	0.96	312.5	137.5				1		1		487.5	
SOUTHBOUND	LT	1.64	1.74	562.5			1			1			562.5	
SOUTHBOUND	RT	1.73	1.74	75.0			1			1			75.0	
SOUTHBOUND	LT	1.79	1.95	837.5					1			1	862.5	
SOUTHBOUND	RT	1.79	1.81	100.0	137.5				1		1		275.0	
SOUTHBOUND	LT	2.06	2.98	4902.5						1			4902.5	
SOUTHBOUND	LT	3.02	3.62	3175.0					1	1			3175.0	
SOUTHBOUND	RT	3.02	3.03	100.0	137.5				1		1		275.0	
SOUTHBOUND	LT	4.14	4.15	62.5			1						62.50	REPLACE DAMAGED GR AND CONNECT TO EXISTING GR
SOUTHBOUND	LT	4.39	4.40	50.0									50.00	REPLACE DAMAGED GR AND CONNECT TO EXISTING GR
SHEET TOTALS				16305.0	825.0	0	5	1	12	8	6	1	17380.0	

(1) A length of 25 feet of double ply guardrail is to be installed at every proposed flume on the project. The double ply rail is considered incidental to Guardrail-Steel W Beam-S Face.

The Milepost references listed above are given as distances measured from the official M.P. 0.875, which corresponds to the southwest joint of the Edith Street bridge in the northbound direction (as-built plans I-71 32' Rt. Sta. 372+98; State Plane Single Zone Coordinates: Northing = 3984750.3422, Easting = 4932801.2618)

The Contractor is advised not to use the existing Mileposts to locate the items listed above, but to determine their location by measuring from the mentioned M.P. 0.875. reference point. The existing mileposts have been placed in wrong locations and, furthermore, the distances between existing mileposts are off by more than 10% when measured in the field. Using the existing mileposts as a reference would, therefore, involve a potential error in excess of 1000 feet.

**I-71 RAMPS
JEFFERSON COUNTY
PAVEMENT REHABILITATION, MILEPOST 0.00 TO 5.55
ITEM NO. 5-2053
GUARDRAIL SUMMARY**

LOCATION	SIDE	FROM STATION	TO STATION	GUARDRAIL-STEEL W BEAM-S FACE (7 FT POST) (LF) (1)	GUARDRAIL-STEEL W BEAM-D FACE (LF)	GUARDRAIL END TREATMENT TYPE 4A (EACH)	GUARDRAIL END TREATMENT TYPE 2A (EACH)	GUARDRAIL END TREATMENT TYPE 3 (EACH)	GUARDRAIL CONNECTOR TO BRIDGE END TYPE A	GUARDRAIL CONNECTOR TO BRIDGE END TYPE A-1	CRASH CUSHION TYPE IX-A	RELOCATE CRASH CUSHION	REMOVE GUARDRAIL (LF)	DESCRIPTION
				21802EN	2352	2391	2369	2373	2363	2387	2365	2898	2381	
ZORN AVENUE RAMPS														
RAMP 1	RT	0+00	3+13	312.5					1				312.5	
RAMP 1	RT	4+76	14+39	1037.5						1			1037.5	CONNECT TO EXISTING GUARDRAIL
RAMP 1	LT	5+55	14+73	912.5									912.5	CONNECT TO EXISTING GUARDRAIL
RAMP 3	LT	1+69	2+79	125.0			1						125.0	
RAMP 3	RT	1+39	12+21	1125.0					1				1125.0	
RAMP 3	RT	13+73	23+48	975.0						1			975.0	
RAMP 3	LT	13+73	14+11	37.5			1			1				
RAMP 5	RT	0+00	16+08	1666.0									1666.0	CONNECT TO EXISTING GUARDRAIL
RAMP 7	RT	1+42	22+62	2157.5									2157.5	CONNECT TO EXISTING GUARDRAIL
I-264 RAMPS														
RAMP 1	RT	4+53	5+53	100.0									100.0	REPLACE DAMAGED GR AND CONNECT TO EXISTING GR
RAMP 1	LT	11+55	11+80	25.0									25.0	REPLACE DAMAGED GR AND CONNECT TO EXISTING GR
RAMP 1	RT	11+97	12+35	37.5									37.5	REPLACE DAMAGED GR AND CONNECT TO EXISTING GR
RAMP 1	RT	12+56	13+44	87.5			1						87.5	REPLACE DAMAGED GR AND CONNECT TO EXISTING GR
RAMP 1	LT	12+68	13+55	87.5			1						87.5	REPLACE DAMAGED GR AND CONNECT TO EXISTING GR
RAMP 3	LT	9+47	9+72	25.0									25.0	REPLACE DAMAGED GR AND CONNECT TO EXISTING GR
RAMP 3	LT	9+98	10+36	37.5									37.5	REPLACE DAMAGED GR AND CONNECT TO EXISTING GR
RAMP 3	LT	16+79	17+29	50.0					1				50.0	REPLACE DAMAGED GR AND CONNECT TO EXISTING GR
RAMP 3	RT	17+03	17+40	37.5					1				37.5	REPLACE GRAND CONSTRUCT GR BRIDGE CONNECTOR
RAMP 3	RT	18+43	19+43	100.0						1			100.0	REPLACE DAMAGED GR AND CONNECT TO EXISTING GR
RAMP 5	RT	53+69	56+69	300.0			2						300.0	REPLACE ENTIRE GR RUN
RAMP 5	LT	55+50	55+88	37.5									37.5	REPLACE DAMAGED GR AND CONNECT TO EXISTING GR
RAMP 7	RT	1+92	4+04	212.5									212.5	REPLACE DAMAGED GR AND CONNECT TO EXISTING GR
RAMP 7	RT	4+80	6+05	125.0									125.0	REPLACE DAMAGED GR AND CONNECT TO EXISTING GR
RAMP 7	RT	6+38	7+00	62.5									62.5	REPLACE DAMAGED GR AND CONNECT TO EXISTING GR
RAMP 7	RT	8+55	8+80	25.0									25.0	REPLACE DAMAGED GR AND CONNECT TO EXISTING GR
RAMP 7	RT	9+00	9+25	25.0									25.0	REPLACE DAMAGED GR AND CONNECT TO EXISTING GR
RAMP 7	RT	9+63	10+13	50.0									50.0	REPLACE DAMAGED GR AND CONNECT TO EXISTING GR
RAMP E-W	RT	592+50	593+00	50.0									50.0	REPLACE DAMAGED GR AND CONNECT TO EXISTING GR
RAMP E-W	RT	593+81	594+18	37.5						1			37.5	REPLACE GR AND CONSTRUCT GR BRIDGE CONNECTOR
RAMP E-W	LT	594+10	594+47	37.5						1			37.5	REPLACE GR AND CONSTRUCT GR BRIDGE CONNECTOR
RAMP E-W	RT	595+72	596+10	37.5					1				37.5	REPLACE GR AND CONSTRUCT GR BRIDGE CONNECTOR
RAMP E-W	LT	595+97	596+35	37.5					1				37.5	REPLACE GR AND CONSTRUCT GR BRIDGE CONNECTOR
RAMP W-E	LT	580+50	581+25	75.0									75.0	REPLACE DAMAGED GR AND CONNECT TO EXISTING GR
SHEET TOTALS				10048.5	0.0	0	6	0	6	6	0	0	10011.0	
PROJECT TOTALS *				42900.0	1787.5	1	19	2	33	26	13	1	44825.0	

*QUANTITIES ARE CARRIED OVER AND INCLUDED IN THE GENERAL SUMMARY

(1) A length of 25 feet of double ply guardrail is to be installed at every proposed flume on the project. The double ply rail is considered incidental to Guardrail-Steel W Beam-S Face.

The Milepost references listed above are given as distances measured from the official M.P. 0.875, which corresponds to the southwest joint of the Edith Street bridge in the northbound direction (as-built plans I-71 32' Rt. Sta. 372+98; State Plane Single Zone Coordinates: Northing = 3984750.3422, Easting =4932801.2618)

The Contractor is advised not to use the existing Mileposts to locate the items listed above, but to determine their location by measuring from the mentioned M.P. 0.875, reference point. The existing mileposts have been placed in wrong locations and, furthermore the distances between existing mileposts are off by more than 10% when measured in the field. Using the existing mileposts as a reference would, therefore, involve a potential error in excess of 1000 feet.

I-71 OVER OLD RAILROAD SPUR (056B00168L&R)
(MP 0.53)



<u>SUMMARY OF QUANTITIES</u>			
ITEM CODE	DESCRIPTION	QUANTITY	UNIT
8510	REMOVE EPOXY, BITUMINOUS OR FOREIGN OVERLAY	1220	SQYD
8549	BLAST CLEANING	1220	SQYD
8504	EPOXY SAND SLURRY	115	SQYD
8534	CONCRETE OVERLAY - LATEX*	51	CUYD
8526	CONCRETE CLASS M FULL DEPTH PATCH	3	CUYD
3300	ELIMINATE TRANSVERSE JOINT (AT PIERS)	160	LF
20663ED	REPLACE ARMORED EDGE	160	LF
22146EN	CONCRETE PATCHING REPAIR	250	SQFT
2220	FLOWABLE FILL	5	CUYD
23032EN	BRIDGE BARRIER RETROFIT	618	LF

* An overrun quantity of Latex has been included in this Bid Item for anticipated Partial Depth Patching. Payment shall be made by Section 606.04.06.

CONTRACT ID: 111322
COUNTY: JEFFERSON
PROPOSAL: IM 0711 (101)

PAGE: 1
LETTING: 07/15/11
CALL NO: 100

LINE NO	ITEM	DESCRIPTION	APPROXIMATE UNIT QUANTITY	UNIT PRICE	AMOUNT

	SECTION 0001	ROADWAY			

0010	00001	DGA BASE	13,611.000 TON		

0020	00069	CRUSHED AGGREGATE SIZE NO 3	2,200.000 TON		

0030	00078	CRUSHED AGGREGATE SIZE NO 2	243.000 TON		

0040	00100	ASPHALT SEAL AGGREGATE	1,891.000 TON		

0050	00194	LEVELING & WEDGING PG76-22	102.000 TON		

0060	00214	CL3 ASPH BASE 1.00D PG64-22	15,949.000 TON		

0070	00217	CL4 ASPH BASE 1.00D PG64-22	2,368.000 TON		

0080	00219	CL4 ASPH BASE 1.00D PG76-22	22,565.000 TON		

0090	00291	EMULSIFIED ASPHALT RS-2	227.000 TON		

0100	00339	CL3 ASPH SURF 0.38D PG64-22	4,402.000 TON		

0110	00342	CL4 ASPH SURF 0.38A PG76-22	7,388.000 TON		

0120	01010	NON-PERFORATED PIPE-4 IN	77.000 LF		

0130	01020	PERF PIPE HEADWALL TY 1-4 IN	9.000 EACH		

0140	01458	CURB BOX INLET TYPE A T	30.000 EACH		

0150	01634	CAP CURB BOX INLET	1.000 EACH		

0160	01690	FLUME INLET TYPE 1	7.000 EACH		

0170	01691	FLUME INLET TYPE 2	14.000 EACH		

0180	01791	ADJUST MANHOLE FRAME TO GRADE	1.000 EACH		

0190	01877	SPECIAL HEADER CURB	8,790.000 LF		

0200	01890	ISLAND HEADER CURB TYPE 1	1,490.000 LF		

KENTUCKY TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS
FRANKFORT, KY 40622

CONTRACT ID: 111322
COUNTY: JEFFERSON
PROPOSAL: IM 0711 (101)

PAGE: 2
LETTING: 07/15/11
CALL NO: 100

LINE NO	ITEM	DESCRIPTION	APPROXIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
0210	01904	REMOVE CURB	9,265.000	LF		
0220	01982	DELINEATOR FOR GUARDRAIL-WHITE	431.000	EACH		
0230	01983	DELINEATOR FOR GUARDRAIL-YELLOW	54.000	EACH		
0240	01984	DELINEATOR FOR BARRIER-WHITE	58.000	EACH		
0250	01985	DELINEATOR FOR BARRIER-YELLOW	58.000	EACH		
0260	02003	RELOCATE TEMP CONC BARRIER	3,690.000	LF		
0270	02014	BARRICADE-TYPE III	10.000	EACH		
0280	02200	ROADWAY EXCAVATION	2,614.000	CUYD		
0290	02220	FLOWABLE FILL	15.000	CUYD		
0300	02230	EMBANKMENT IN PLACE	630.000	CUYD		
0310	02237	DITCHING	69,352.000	LF		
0320	21802EN	G/R STEEL W BEAM-S FACE (7 FT POST) REVISED: 7-13-11	42,900.000	LF		
0330	02352	GUARDRAIL-STEEL W BEAM-D FACE	1,787.500	LF		
0340	02363	GUARDRAIL CONNECTOR TO BRIDGE END TY A	33.000	EACH		
0350	02365	CRASH CUSHION TYPE IX-A	13.000	EACH		
0360	02367	GUARDRAIL END TREATMENT TYPE 1	1.000	EACH		
0370	02369	GUARDRAIL END TREATMENT TYPE 2A	20.000	EACH		
0380	02373	GUARDRAIL END TREATMENT TYPE 3	2.000	EACH		
0390	02381	REMOVE GUARDRAIL	44,825.000	LF		
0400	02387	GUARDRAIL CONNECTOR TO BRIDGE END TY A-1	26.000	EACH		
0410	02391	GUARDRAIL END TREATMENT TYPE 4A	1.000	EACH		

KENTUCKY TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS
FRANKFORT, KY 40622

CONTRACT ID: 111322
COUNTY: JEFFERSON
PROPOSAL: IM 0711 (101)

PAGE: 3
LETTING: 07/15/11
CALL NO: 100

LINE NO	ITEM	DESCRIPTION	APPROXIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
0420	02460	REMOVE TREES OR STUMPS	2.000	EACH		
0430	02483	CHANNEL LINING CLASS II	1,081.000	TON		
0440	02484	CHANNEL LINING CLASS III	368.000	TON		
0450	02562	SIGNS	1,500.000	SQFT		
0460	02565	OBJECT MARKER TYPE 2	40.000	EACH		
0470	02599	FABRIC-GEOTEXTILE TYPE IV	6,559.000	SQYD		
0480	02650	MAINTAIN & CONTROL TRAFFIC	(1.00)	LS		
0490	02671	PORTABLE CHANGEABLE MESSAGE SIGN	4.000	EACH		
0500	02676	MOBILIZATION FOR MILL & TEXT	(1.00)	LS		
0510	02677	ASPHALT PAVE MILLING & TEXTURING	25,991.000	TON		
0520	02775	ARROW PANEL	2.000	EACH		
0530	02898	RELOCATE CRASH CUSHION	7.000	EACH		
0540	03171	CONCRETE BARRIER WALL TYPE 9T	3,690.000	LF		
0550	03262	CLEAN PIPE STRUCTURE	2.000	EACH		
0560	03269	TRIM & REMOVE TREES & BRUSH	160.000	LF		
0570	04700	POLE 30 FT MTG HT	1.000	EACH		
0580	04701	POLE 40 FT MTG HT	3.000	EACH		
0590	04720	BRACKET 4 FT	3.000	EACH		
0595	04725	BRACKET 15 FT ADDED: 7-13-11	1.000	EACH		
0600	04750	TRANSFORMER BASE	4.000	EACH		
0610	04770	HPS LUMINAIRE	4.000	EACH		

KENTUCKY TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS
FRANKFORT, KY 40622

CONTRACT ID: 111322
COUNTY: JEFFERSON
PROPOSAL: IM 0711 (101)

PAGE: 4
LETTING: 07/15/11
CALL NO: 100

LINE NO	ITEM	DESCRIPTION	APPROXIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
0620	04780	FUSED CONNECTOR KIT	16.000	EACH		
0630	04793	CONDUIT-1 1/4 IN	1,400.000	LF		
0640	04820	TRENCHING AND BACKFILLING	1,500.000	LF		
0650	04832	WIRE-NO. 12	400.000	LF		
0660	04833	WIRE-NO. 8	3,900.000	LF		
0670	04834	WIRE-NO. 6	2,200.000	LF		
0680	04940	REMOVE LIGHTING	(1.00)	LS		
0690	05950	EROSION CONTROL BLANKET	5,228.000	SQYD		
0700	06417	FLEXIBLE DELINEATOR POST-W	261.000	EACH		
0710	06418	FLEXIBLE DELINEATOR POST-Y	67.000	EACH		
0720	06511	PAVE STRIPING-TEMP PAINT-6 IN	97,597.000	LF		
0730	06568	PAVE MARKING-THERMO STOP BAR-24IN	42.000	LF		
0740	06592	PAVEMENT MARKER TYPE V-B W/R	565.000	EACH		
0750	06593	PAVEMENT MARKER TYPE V-B Y/R	93.000	EACH		
0760	06600	REMOVE PAVEMENT MARKER TYPE V	100.000	EACH		
0770	08905	CRASH CUSHION TY VI CLASS CT	6.000	EACH		
0780	10020NS	FUEL ADJUSTMENT	77,224.000	DOLL	1.00	77,224.00
0790	10030NS	ASPHALT ADJUSTMENT	127,140.000	DOLL	1.00	127,140.00
0800	20314ED	MILLED RUMBLE STRIPS	71,644.000	LF		
0810	20391NS835	JUNCTION BOX TYPE A	1.000	EACH		
0820	20392NS835	JUNCTION BOX TYPE C	1.000	EACH		

KENTUCKY TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS
FRANKFORT, KY 40622

CONTRACT ID: 111322
COUNTY: JEFFERSON
PROPOSAL: IM 0711 (101)

PAGE: 5
LETTING: 07/15/11
CALL NO: 100

LINE NO	ITEM	DESCRIPTION	APPROXIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
0830	20411ED	LAW ENFORCEMENT OFFICER	2,000.000	HOUR		
0840	20465EC	CLEAN CULVERT	(1.00)	LS		
0850	20757ED	PAVEMENT REPAIR	237.300	SQYD		
0860	21415ND	EROSION CONTROL	(1.00)	LS		
0870	23143ED	KPDES PERMIT AND TEMP EROSION CONTROL	(1.00)	LS		
0880	23237EN10W	WATERBLAST STRIPE REMOVAL	97,597.000	LF		
0890	24189ER	DURABLE WATERBORNE MARKING-6 IN W	55,015.000	LF		
0900	24190ER	DURABLE WATERBORNE MARKING-6 IN Y	42,582.000	LF		
0910	24191ER	DURABLE WATERBORNE MARKING-12 IN W	2,440.000	LF		
SECTION 0002 BRIDGE						
0920	02220	FLOWABLE FILL	211.000	CUYD		
0930	02403	REMOVE CONCRETE MASONRY	154.000	CUYD		
0940	03298	EXPAN JOINT REPLACE 4 IN	150.000	LF		
0950	03299	ARMORED EDGE FOR CONCRETE	150.000	LF		
0960	03300	ELIMINATE TRANSVERSE JOINT (AT PIERS)	699.000	LF		
0970	03300	ELIMINATE TRANSVERSE JOINT (SLAB EXT. AND DIAPHRAGM)	586.000	LF		
0980	04795	CONDUIT-2 IN	1,060.000	LF		
0990	04810	JUNCTION BOX-ELECTRICAL	12.000	EACH		
1000	06542	PAVE STRIPING-THERMO-6 IN W	1,090.000	LF		
1010	06543	PAVE STRIPING-THERMO-6 IN Y	940.000	LF		
1020	08019	CYCLOPEAN STONE RIP RAP	6,480.000	TON		

KENTUCKY TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS
FRANKFORT, KY 40622

CONTRACT ID: 111322
COUNTY: JEFFERSON
PROPOSAL: IM 0711 (101)

PAGE: 6
LETTING: 07/15/11
CALL NO: 100

LINE NO	ITEM	DESCRIPTION	APPROXIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
1030	08160	STRUCTURAL STEEL (3200 LBS)	(1.00)	LS		
1040	08504	EPOXY SAND SLURRY	510.000	SQYD		
1050	08510	REM EPOXY BIT FOREIGN OVERLAY	7,644.000	SQYD		
1060	08526	CONC CLASS M FULL DEPTH PATCH	20.000	CUYD		
1070	08534	CONCRETE OVERLAY-LATEX	243.000	CUYD		
1080	08549	BLAST CLEANING	9,364.000	SQYD		
1085	08510	REM EPOXY BIT FOREIGN OVERLAY ADDED: 7-13-11	1,220.000	SQYD		
1086	08526	CONC CLASS M FULL DEPTH PATCH ADDED: 7-13-11	3.000	CUYD		
1090	20186ED	REINFORCED CONCRETE SLAB	3,694.000	SQYD		
1100	20663ED	REPLACE ARMORED EDGE	699.000	LF		
1110	22146EN	CONCRETE PATCHING REPAIR	1,014.000	SQFT		
1120	23032EN	BRIDGE BARRIER RETROFIT	5,881.000	LF		
1130	23033EN	BRIDGE BARRIER REMOVAL	1,573.000	LF		
1140	23331EC	EPOXY-URETHANE WATERPROOFING	32,509.000	SQFT		
SECTION 0003 TRAFFIC LOOPS						
1150	04795	CONDUIT-2 IN	220.000	LF		
1160	04820	TRENCHING AND BACKFILLING	214.000	LF		
1170	04829	PIEZOELECTRIC SENSOR	12.000	EACH		
1180	04830	LOOP WIRE	3,766.000	LF		
1190	04895	LOOP SAW SLOT AND FILL	808.000	LF		
1200	20360ES818	WOOD POST	1.000	EACH		

KENTUCKY TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS
FRANKFORT, KY 40622

CONTRACT ID: 111322
COUNTY: JEFFERSON
PROPOSAL: IM 0711 (101)

PAGE: 7
LETTING: 07/15/11
CALL NO: 100

LINE NO	ITEM	DESCRIPTION	APPROXIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
1210	20391NS835	JUNCTION BOX TYPE A	8.000	EACH		
1220	20468EC	JUNCTION BOX-10 X 8 X 4	2.000	EACH		
SECTION 0004 DEMOBILIZATION / MOBILIZATION						
1230	02568	MOBILIZATION (NO MORE THAN 5%)		LUMP		
1240	02569	DEMOBILIZATION (AT LEAST 1.5%)		LUMP		
		TOTAL BID				