



**COMMONWEALTH OF KENTUCKY  
TRANSPORTATION CABINET**

Frankfort, Kentucky 40622  
[www.transportation.ky.gov/](http://www.transportation.ky.gov/)

**Matthew G. Bevin**  
Governor

**Greg Thomas**  
Secretary

October 8, 2019

CALL NO. 200  
CONTRACT ID NO. 195132  
ADDENDUM # 1

**Subject:** VARIOUS COUNTIES, 121GR19D132 - STP BRZ  
Letting October 25, 2019

- (1) Revised - Utilities and Rail Certification Note - Pages 105-108 of 329
- (2) Revised - Material Summary - Pages 267-275 of 329
- (3) Revised - Proposal Bid Items - Pages 323-329 of 329
- (4) Revised - Plan Sheet - R3

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

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

Sincerely,

A handwritten signature in black ink that reads "Rachel Mills".

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

RM:mr  
Enclosures



An Equal Opportunity Employer M/F/D

## UTILITIES AND RAIL CERTIFICATION NOTE

**Jessamine County**  
**ADDRESS DEFICIENCIES OF BRIDGE OVER HICKMAN CREEK AT BLACK BRIDGE ON KY 39 1.3 MI N OF KY**  
**1268. (057B00002N) (EBRP)**  
**ITEM NUMBER: 07-1136.00**

### PROJECT NOTES ON UTILITIES

Please Note: The information presented in this Utility Note is informational in nature and the information contained herein is not guaranteed.

The contractor shall make every effort to protect underground facilities from damage as prescribed in the Underground Facility Damage Protection Act of 1994, Kentucky Revised Statute KRS 367.4901 to 367.4917. It is the contractor's responsibility to determine and take steps necessary to be in compliance with federal and state damage prevention directives. The contractor is instructed to contact KY 811 for the location of existing underground utilities. Contact shall be made a minimum of two (2) and no more than ten (10) business days prior to excavation. The contractor shall submit Excavation Locate Requests to the Kentucky Contact Center (KY 811) via web ticket entry. The submission of this request does not relieve the contractor from the responsibility of contacting non-member facility owners, whom are to be contacted through their individual Protection Notification Center. It may be necessary for the contractor to contact the County Court Clerk to determine what utility companies have facilities in the area. Non-compliance with these directives can result in the enforcement of penalties.

### NOTE: DO NOT DISTURB THE FOLLOWING FACILITIES LOCATED WITHIN THE PROJECT DISTURB LIMITS

Bluegrass Energy - Electric

Delta Natural Gas Company, Inc. - Natural Gas

Windstream Kentucky East, Inc.

**\*The Contractor is fully responsible for protection of all utilities listed above\***

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**THE FOLLOWING FACILITY OWNERS ARE RELOCATING/ADJUSTING THEIR FACILITIES WITHIN THE PROJECT LIMITS AND WILL BE COMPLETE PRIOR TO CONSTRUCTION**

Delta Natural Gas Company, Inc. - Natural Gas will relocate their facilities and will be complete with the relocation by June 15, 2020.

Windstream Kentucky East, Inc. – Telephone have completed their relocations.

Bluegrass Energy – Electric have completed their relocations.

**THE FOLLOWING FACILITY OWNERS HAVE FACILITIES TO BE RELOCATED/ADJUSTED BY THE OWNER OR THEIR SUBCONTRACTOR AND IS TO BE COORDINATED WITH THE ROAD CONTRACT**

Not Applicable

**THE FOLLOWING FACILITY OWNERS HAVE FACILITIES TO BE RELOCATED/ADJUSTED BY THE ROAD CONTRACTOR AS INCLUDED IN THIS CONTRACT**

Not Applicable

**RAIL COMPANIES HAVE FACILITIES IN CONJUNCTION WITH THIS PROJECT AS NOTED**

No Rail Involvement     Rail Involved     Rail Adjacent

**UTILITIES AND RAIL CERTIFICATION NOTE**

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**Jessamine County**  
**ADDRESS DEFICIENCIES OF BRIDGE OVER HICKMAN CREEK AT BLACK BRIDGE ON KY 39 1.3 MI N OF KY**  
**1268. (057B00002N) (EBRP)**  
**ITEM NUMBER: 07-1136.00**

### AREA FACILITY OWNER CONTACT LIST

<b>Facility Owner</b>	<b>Address</b>	<b>Contact Name</b>	<b>Phone</b>	<b>Email</b>
Bluegrass Energy - Electric	PO Box 990 Nicholasville KY 40356	Greg Herrington	8598854191	greggh@bgenergy.com
Delta Natural Gas Company, Inc. - Natural Gas	3617 Lexington Road Winchester KY 40391	Steve Lewis	8597446171	slewis@DeltaGas.com
Windstream Kentucky East, Inc. - Telephone	130 W New Circle Rd. Lexington KY 40505	Ashley Sanders	8593576206	ashley.l.sanders@windstream.com

# MATERIAL SUMMARY

**CONTRACT ID: 195132**

**121GR19D132 - STP BRZ**

**BR03410011900**

CR 1001 ADDRESS DEFICIENCIES OF BRIDGE OVER BRANCH OF NORTH ELKHORN CREEK ON HUME ROAD (CR 1001) (034C00001N), FROM MP 1.6 TO MP 1.64. BRIDGE REPLACEMENT, A DISTANCE OF .04 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0945	01987	DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	8.00	EACH
0950	02223	GRANULAR EMBANKMENT	133.00	CUYD
0955	02267	REMOVE & RESET FENCE	150.00	LF
0960	02351	GUARDRAIL-STEEL W BEAM-S FACE	112.50	LF
0965	02360	GUARDRAIL TERMINAL SECTION NO 1	1.00	EACH
0970	02371	GUARDRAIL END TREATMENT TYPE 7	3.00	EACH
0975	02381	REMOVE GUARDRAIL	337.50	LF
0980	02399	EXTRA LENGTH GUARDRAIL POST	32.00	EACH
0985	02545	CLEARING AND GRUBBING - Less than 1 acre	1.00	LS
0990	02650	MAINTAIN & CONTROL TRAFFIC	1.00	LS
0995	02671	PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH
1000	02726	STAKING	1.00	LS
1005	02731	REMOVE STRUCTURE	1.00	LS
1010	03299	ARMORED EDGE FOR CONCRETE	56.00	LF
1015	03304	BRIDGE OVERLAY APPROACH PAVEMENT	199.00	SQYD
1020	08003	FOUNDATION PREPARATION	1.00	LS
1025	08019	CYCLOPEAN STONE RIP RAP	411.00	TON
1030	08039	PRE-DRILLING FOR PILES	120.00	LF
1035	08046	PILES-STEEL HP12X53	168.00	LF
1040	08094	PILE POINTS-12 IN	12.00	EACH
1045	08100	CONCRETE-CLASS A	51.60	CUYD
1050	08104	CONCRETE-CLASS AA	30.50	CUYD
1055	08151	STEEL REINFORCEMENT-EPOXY COATED	8,590.00	LB
1060	08664	PRECAST PC BOX BEAM CB27-48	448.00	LF
1065	21415ND	EROSION CONTROL	1.00	LS
1070	23378EC	CONCRETE SEALING	2,910.00	SQFT
1075	25017ED	RAIL SYSTEM SIDE MOUNTED MGS	116.00	LF
1080	02568	MOBILIZATION	1.00	LS
1085	02569	DEMOBILIZATION	1.00	LS

# MATERIAL SUMMARY

**CONTRACT ID: 195132**

**121GR19D132 - STP BRZ**

**BR03410181900**

FERGUSON ROAD (CR 1018) ADDRESS DEFICIENCIES OF BRIDGE ON FERGUSON ROAD (CR 1018) OVER GOOSE CREEK (034C00006N). BRIDGE REPLACEMENT, A DISTANCE OF .04 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0795	00003	CRUSHED STONE BASE	121.00	TON
0800	00100	ASPHALT SEAL AGGREGATE	5.00	TON
0805	00103	ASPHALT SEAL COAT	1.00	TON
0810	00190	LEVELING & WEDGING PG64-22	17.00	TON
0815	00212	CL2 ASPH BASE 1.00D PG64-22	78.00	TON
0820	00301	CL2 ASPH SURF 0.38D PG64-22	45.00	TON
0825	00356	ASPHALT MATERIAL FOR TACK	.25	TON
0830	01987	DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	8.00	EACH
0835	02223	GRANULAR EMBANKMENT	286.00	CUYD
0840	02351	GUARDRAIL-STEEL W BEAM-S FACE	225.00	LF
0845	02360	GUARDRAIL TERMINAL SECTION NO 1	1.00	EACH
0850	02371	GUARDRAIL END TREATMENT TYPE 7	3.00	EACH
0855	02399	EXTRA LENGTH GUARDRAIL POST	28.00	EACH
0860	02545	CLEARING AND GRUBBING - Less than 1 acre	1.00	LS
0865	02565	OBJECT MARKER TYPE 2	4.00	EACH
0870	02585	EDGE KEY	32.00	LF
0875	02650	MAINTAIN & CONTROL TRAFFIC	1.00	LS
0880	02671	PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH
0885	02726	STAKING	1.00	LS
0890	02731	REMOVE STRUCTURE	1.00	LS
0895	03250	WATERPROOFING MEMBRANE	56.00	SQYD
0900	06541	PAVE STRIPING-THERMO-4 IN Y	470.00	LF
0905	08002	STRUCTURE EXCAV-SOLID ROCK	20.00	CUYD
0910	08003	FOUNDATION PREPARATION	1.00	LS
0915	08100	CONCRETE-CLASS A	74.70	CUYD
0920	08150	STEEL REINFORCEMENT	11,591.00	LB
0925	21289ED	LONGITUDINAL EDGE KEY	410.00	LF
0930	21415ND	EROSION CONTROL	1.00	LS
0935	02568	MOBILIZATION	1.00	LS
0940	02569	DEMOBILIZATION	1.00	LS

**CONTRACT ID: 195132**

**121GR19D132 - STP BRZ**

**BR05700391900**

KY 39 ADDRESS DEFICIENCIES OF BRIDGE ON KY 39 OVER HICKMAN CREEK AT BLACK BRD (057B00002N), FROM MP 3.65 TO MP 3.77. BRIDGE REPLACEMENT, A DISTANCE OF .12 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0220	00003	CRUSHED STONE BASE	149.00	TON
0225	00100	ASPHALT SEAL AGGREGATE	8.00	TON
0230	00103	ASPHALT SEAL COAT	1.00	TON

## MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0235	00190	LEVELING & WEDGING PG64-22	99.00	TON
0240	00212	CL2 ASPH BASE 1.00D PG64-22	240.00	TON
0245	00301	CL2 ASPH SURF 0.38D PG64-22	131.00	TON
0250	00356	ASPHALT MATERIAL FOR TACK	.35	TON
0255	00443	ENTRANCE PIPE-24 IN	36.00	LF
0260	01208	PIPE CULVERT HEADWALL-24 IN	1.00	EACH
0265	01434	SLOPED BOX OUTLET TYPE 1-24 IN	1.00	EACH
0270	01691	FLUME INLET TYPE 2	1.00	EACH
0275	01890	ISLAND HEADER CURB TYPE 1	25.00	LF
0280	01987	DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	18.00	EACH
0285	02223	GRANULAR EMBANKMENT - (REVISED: 10-8-19)	1,234.00	CUYD
0290	02351	GUARDRAIL-STEEL W BEAM-S FACE	425.00	LF
0295	02360	GUARDRAIL TERMINAL SECTION NO 1	2.00	EACH
0300	02367	GUARDRAIL END TREATMENT TYPE 1	1.00	EACH
0305	02378	GUARDRAIL CONNECTOR TO BRIDGE END TY D	4.00	EACH
0310	02381	REMOVE GUARDRAIL	375.00	LF
0315	02399	EXTRA LENGTH GUARDRAIL POST	44.00	EACH
0320	02545	CLEARING AND GRUBBING - Less than 1 acre	1.00	LS
0325	02585	EDGE KEY	40.00	LF
0330	02599	FABRIC-GEOTEXTILE TYPE IV	100.00	SQYD
0335	02650	MAINTAIN & CONTROL TRAFFIC	1.00	LS
0340	02671	PORTABLE CHANGEABLE MESSAGE SIGN	4.00	EACH
0345	02726	STAKING	1.00	LS
0350	02731	REMOVE STRUCTURE	1.00	LS
0355	03299	ARMORED EDGE FOR CONCRETE	58.00	LF
0360	06514	PAVE STRIPING-PERM PAINT-4 IN	2,650.00	LF
0365	08002	STRUCTURE EXCAV-SOLID ROCK	111.00	CUYD
0370	08003	FOUNDATION PREPARATION	1.00	LS
0375	08019	CYCLOPEAN STONE RIP RAP	260.00	TON
0380	08039	PRE-DRILLING FOR PILES	72.00	LF
0385	08046	PILES-STEEL HP12X53	84.00	LF
0390	08094	PILE POINTS-12 IN	6.00	EACH
0395	08100	CONCRETE-CLASS A	155.90	CUYD
0400	08104	CONCRETE-CLASS AA	174.20	CUYD
0405	08135	MECHANICAL REINF COUPLER #10	21.00	EACH
0410	08140	MECHANICAL REINF COUPLER #5 EPOXY COATED	74.00	EACH
0415	08141	MECHANICAL REINF COUPLER #6 EPOXY COATED	618.00	EACH
0420	08151	STEEL REINFORCEMENT-EPOXY COATED	85,680.00	LB
0425	08634	PRECAST PC I BEAM TYPE 4	663.00	LF
0430	20430ED	SAW CUT	305.00	LF
0435	21289ED	LONGITUDINAL EDGE KEY	343.00	LF
0440	21415ND	EROSION CONTROL	1.00	LS
0445	23378EC	CONCRETE SEALING	7,415.00	SQFT
0450	23813EC	DECK DRAIN	4.00	EACH
0455	24404EC	MECHANICAL REINF COUPLER-#7 EPOXY COATED	15.00	EACH
0460	24405EC	MECHANICAL REINF COUPLER-#8 EPOXY COATED	31.00	EACH
0465	24982EC	CONCRETE COATING - Approx 4470 SF	1.00	LS
0470	25024ED	CLASSIC BRIDGE RAIL	336.00	LF
0475	02568	MOBILIZATION	1.00	LS
0480	02569	DEMOBILIZATION	1.00	LS



## MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0485	02610	RETAINING WALL-GABION - (ADDED: 10-8-19)	105.00	CUYD

**CONTRACT ID: 195132**

**121GR19D132 - STP BRZ**

**BR05712681900**

KY 1268 ADDRESS DEFICIENCIES OF KY 1268 BRIDGE OVER HICKMAN CREEK (057B00022N), FROM MP 4.162 TO MP 4.188. BRIDGE SUBSTRUCTURE REHAB, A DISTANCE OF .03 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
1090	01987	DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	24.00	EACH
1095	02223	GRANULAR EMBANKMENT	28.00	CUYD
1100	02351	GUARDRAIL-STEEL W BEAM-S FACE	100.00	LF
1105	02399	EXTRA LENGTH GUARDRAIL POST	32.00	EACH
1110	02726	STAKING	1.00	LS
1115	02731	REMOVE STRUCTURE	1.00	LS
1120	03299	ARMORED EDGE FOR CONCRETE	61.00	LF
1125	03304	BRIDGE OVERLAY APPROACH PAVEMENT	126.00	SQYD
1130	08003	FOUNDATION PREPARATION	1.00	LS
1135	08019	CYCLOPEAN STONE RIP RAP	305.00	TON
1140	08104	CONCRETE-CLASS AA	96.00	CUYD
1145	08151	STEEL REINFORCEMENT-EPOXY COATED	19,878.00	LB
1150	08668	PRECAST PC BOX BEAM SB17	434.00	LF
1155	08672	PRECAST PC BOX BEAM SB42	511.00	LF
1160	21415ND	EROSION CONTROL	1.00	LS
1165	21741NC	MAINTAIN & CONTROL TRAFFIC	1.00	EACH
1170	22146EN	CONCRETE PATCHING REPAIR	50.00	SQFT
1175	23378EC	CONCRETE SEALING	5,836.00	SQFT
1180	23744EC	EPOXY INJECTION CRACK REPAIR	8.00	LF
1185	24982EC	CONCRETE COATING - For a 2880 SF Estimate	1.00	LS
1190	25017ED	RAIL SYSTEM SIDE MOUNTED MGS	270.33	LF
1195	02568	MOBILIZATION	1.00	LS
1200	02569	DEMOBILIZATION	1.00	LS

**CONTRACT ID: 195132**

**121GR19D132 - STP BRZ**

**BR07610441900**

CR-1044 BLACK ROAD (Doyleville Road) ADDRESS DEFICIENCIES OF BRIDGE ON CR-1044 OVER BR OF MUDDY CREEK (076C00066N), FROM MP .003 TO MP .011. BRIDGE REPLACEMENT, A DISTANCE OF .01 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0005	00003	CRUSHED STONE BASE	127.00	TON
0010	00100	ASPHALT SEAL AGGREGATE	5.50	TON
0015	00103	ASPHALT SEAL COAT	1.00	TON
0020	00190	LEVELING & WEDGING PG64-22	17.00	TON
0025	00212	CL2 ASPH BASE 1.00D PG64-22	142.00	TON

## MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0030	00301	CL2 ASPH SURF 0.38D PG64-22	63.00	TON
0035	00356	ASPHALT MATERIAL FOR TACK	.25	TON
0040	01987	DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	8.00	EACH
0045	02091	REMOVE PAVEMENT	167.00	SQYD
0050	02223	GRANULAR EMBANKMENT	622.00	CUYD
0055	02351	GUARDRAIL-STEEL W BEAM-S FACE	112.50	LF
0060	02355	GUARDRAIL-STEEL W BEAM-S FACE A	100.00	LF
0065	02360	GUARDRAIL TERMINAL SECTION NO 1	2.00	EACH
0070	02371	GUARDRAIL END TREATMENT TYPE 7	2.00	EACH
0075	02399	EXTRA LENGTH GUARDRAIL POST	28.00	EACH
0080	02545	CLEARING AND GRUBBING - Less than 1 acre	1.00	LS
0085	02585	EDGE KEY	37.00	LF
0090	02598	FABRIC-GEOTEXTILE TYPE III	100.00	SQYD
0095	02650	MAINTAIN & CONTROL TRAFFIC	1.00	LS
0100	02671	PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH
0105	02726	STAKING	1.00	LS
0110	02731	REMOVE STRUCTURE	1.00	LS
0115	03299	ARMORED EDGE FOR CONCRETE	40.00	LF
0120	06540	PAVE STRIPING-THERMO-4 IN W	600.00	LF
0125	06541	PAVE STRIPING-THERMO-4 IN Y	600.00	LF
0130	08003	FOUNDATION PREPARATION	1.00	LS
0135	08019	CYCLOPEAN STONE RIP RAP	186.00	TON
0140	08039	PRE-DRILLING FOR PILES	100.00	LF
0145	08046	PILES-STEEL HP12X53	150.00	LF
0150	08094	PILE POINTS-12 IN	10.00	EACH
0155	08100	CONCRETE-CLASS A	41.00	CUYD
0160	08104	CONCRETE-CLASS AA	18.30	CUYD
0165	08151	STEEL REINFORCEMENT-EPOXY COATED	5,710.00	LB
0170	08665	PRECAST PC BOX BEAM CB33-48	295.00	LF
0175	20430ED	SAW CUT	217.00	LF
0180	21289ED	LONGITUDINAL EDGE KEY	199.00	LF
0185	21415ND	EROSION CONTROL	1.00	LS
0190	23378EC	CONCRETE SEALING	1,230.00	SQFT
0195	23911EC	GROUT	20.00	CUYD
0200	24982EC	CONCRETE COATING - Approx 1750 SF	1.00	LS
0205	25022ED	RAIL SYSTEM TYPE II MOD	108.00	LF
0210	02568	MOBILIZATION	1.00	LS
0215	02569	DEMOBILIZATION	1.00	LS

# MATERIAL SUMMARY

**CONTRACT ID: 195132**

**121GR19D132 - STP BRZ**

**BR08419411900**

KY 1941 ADDRESS DEFICIENCIES OF KY-1941 BRIDGE OVER CHAPLIN RIVER (084B00030N), FROM MP 3.515 TO MP 3.531. BRIDGE REPLACEMENT, A DISTANCE OF .02 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0490	01987	DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	20.00	EACH
0495	02223	GRANULAR EMBANKMENT	308.00	CUYD
0500	02351	GUARDRAIL-STEEL W BEAM-S FACE	362.50	LF
0505	02371	GUARDRAIL END TREATMENT TYPE 7	4.00	EACH
0510	02381	REMOVE GUARDRAIL	50.00	LF
0515	02399	EXTRA LENGTH GUARDRAIL POST	40.00	EACH
0520	02545	CLEARING AND GRUBBING - Less than 1 acre	1.00	LS
0525	02650	MAINTAIN & CONTROL TRAFFIC	1.00	LS
0530	02671	PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH
0535	02726	STAKING	1.00	LS
0540	02731	REMOVE STRUCTURE	1.00	LS
0545	03299	ARMORED EDGE FOR CONCRETE	32.00	LF
0550	03304	BRIDGE OVERLAY APPROACH PAVEMENT	501.00	SQYD
0555	08002	STRUCTURE EXCAV-SOLID ROCK	292.00	CUYD
0560	08003	FOUNDATION PREPARATION	1.00	LS
0565	08019	CYCLOPEAN STONE RIP RAP	262.00	TON
0570	08100	CONCRETE-CLASS A	467.00	CUYD
0575	08104	CONCRETE-CLASS AA	23.00	CUYD
0580	08150	STEEL REINFORCEMENT	56,833.00	LB
0585	08151	STEEL REINFORCEMENT-EPOXY COATED	3,974.00	LB
0590	08662	PRECAST PC BOX BEAM CB17-48	368.00	LF
0595	08801	GUARDRAIL-STEEL W BEAM-S FACE BR	184.00	LF
0600	21415ND	EROSION CONTROL	1.00	LS
0605	23378EC	CONCRETE SEALING - (REVISED: 10-8-19)	3,020.00	SQFT
0610	24982EC	CONCRETE COATING - Approx. 2650 sf	1.00	LS
0615	02568	MOBILIZATION	1.00	LS
0620	02569	DEMOBILIZATION	1.00	LS

# MATERIAL SUMMARY

**CONTRACT ID: 195132**

**121GR19D132 - STP BRZ**

**BR08707131900**

KY 713 ADDRESS DEFICIENCIES OF KY 713 BRIDGE OVER HINKSTON CREEK (087B00042N), FROM MP 6.567 TO MP 6.572. BRIDGE REPAIRS, A DISTANCE OF .01 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
1330	01987	DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	4.00	EACH
1335	02355	GUARDRAIL-STEEL W BEAM-S FACE A	100.00	LF
1340	02360	GUARDRAIL TERMINAL SECTION NO 1	4.00	EACH
1345	02381	REMOVE GUARDRAIL	48.00	LF
1350	02399	EXTRA LENGTH GUARDRAIL POST	32.00	EACH
1355	02545	CLEARING AND GRUBBING - Less than 1 acre	1.00	LS
1360	02650	MAINTAIN & CONTROL TRAFFIC	1.00	LS
1365	02671	PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH
1370	02726	STAKING	1.00	LS
1375	03299	ARMORED EDGE FOR CONCRETE	50.00	LF
1380	03304	BRIDGE OVERLAY APPROACH PAVEMENT	134.00	SQYD
1385	08003	FOUNDATION PREPARATION	1.00	LS
1390	08019	CYCLOPEAN STONE RIP RAP	44.00	TON
1395	08100	CONCRETE-CLASS A	1.00	CUYD
1400	08104	CONCRETE-CLASS AA	12.00	CUYD
1405	08301	REMOVE SUPERSTRUCTURE	1.00	LS
1410	08151	STEEL REINFORCEMENT-EPOXY COATED	1,249.00	LB
1415	08661	PRECAST PC BOX BEAM CB12-48	144.00	LF
1420	21415ND	EROSION CONTROL	1.00	LS
1425	22146EN	CONCRETE PATCHING REPAIR	32.00	SQFT
1430	23378EC	CONCRETE SEALING	1,496.00	SQFT
1435	23744EC	EPOXY INJECTION CRACK REPAIR	10.00	LF
1440	24116EC	DEBRIS CLEANING	1.00	LS
1445	25017ED	RAIL SYSTEM SIDE MOUNTED MGS	48.00	LF
1450	02568	MOBILIZATION	1.00	LS
1455	02569	DEMOBILIZATION	1.00	LS

# MATERIAL SUMMARY

**CONTRACT ID: 195132**

**121GR19D132 - STP BRZ**

**BR08719911900**

KY 1991 ADDRESS DEFICIENCIES OF K 1991 BRIDGE OVER HINKSTON CREEK (087B00035N), FROM MP 1.029 TO MP 1.035. BRIDGE REPAIRS, A DISTANCE OF .01 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
1205	01987	DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	8.00	EACH
1210	02223	GRANULAR EMBANKMENT	28.00	CUYD
1215	02351	GUARDRAIL-STEEL W BEAM-S FACE	162.50	LF
1220	02360	GUARDRAIL TERMINAL SECTION NO 1	1.00	EACH
1225	02381	REMOVE GUARDRAIL	150.00	LF
1230	02399	EXTRA LENGTH GUARDRAIL POST	32.00	EACH
1235	02545	CLEARING AND GRUBBING - Less than 1 acre	1.00	LS
1240	02650	MAINTAIN & CONTROL TRAFFIC	1.00	LS
1245	02671	PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH
1250	02726	STAKING	1.00	LS
1255	03299	ARMORED EDGE FOR CONCRETE	56.00	LF
1260	03304	BRIDGE OVERLAY APPROACH PAVEMENT	134.00	SQYD
1265	08003	FOUNDATION PREPARATION	1.00	LS
1270	08100	CONCRETE-CLASS A	1.00	CUYD
1275	08104	CONCRETE-CLASS AA	15.00	CUYD
1280	08150	STEEL REINFORCEMENT	200.00	LB
1285	08151	STEEL REINFORCEMENT-EPOXY COATED	1,943.00	LB
1290	08301	REMOVE SUPERSTRUCTURE	1.00	LS
1295	08661	PRECAST PC BOX BEAM CB12-48	191.00	LF
1300	21415ND	EROSION CONTROL	1.00	LS
1305	23378EC	CONCRETE SEALING	2,117.00	SQFT
1310	23744EC	EPOXY INJECTION CRACK REPAIR	129.00	LF
1315	25017ED	RAIL SYSTEM SIDE MOUNTED MGS	64.00	LF
1320	02568	MOBILIZATION	1.00	LS
1325	02569	DEMOBILIZATION	1.00	LS

# MATERIAL SUMMARY

**CONTRACT ID: 195132**

**121GR19D132 - STP BRZ**

**BR10516891900**

KY 1689 ADDRESS DEFICIENCIES OF KY 1689 BRIDGE OVER LOCUT CREEK (105B00039N), FROM MP 2.219 TO MP 2.227. BRIDGE REPLACEMENT, A DISTANCE OF .01 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0625	00194	LEVELING & WEDGING PG76-22	91.00	TON
0630	01987	DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	12.00	EACH
0635	02223	GRANULAR EMBANKMENT	221.00	CUYD
0640	02268	REMOVE & REPLACE FENCE	381.00	LF
0645	02351	GUARDRAIL-STEEL W BEAM-S FACE	262.50	LF
0650	02355	GUARDRAIL-STEEL W BEAM-S FACE A	100.00	LF
0655	02371	GUARDRAIL END TREATMENT TYPE 7	1.00	EACH
0660	02381	REMOVE GUARDRAIL	541.00	LF
0665	02399	EXTRA LENGTH GUARDRAIL POST	36.00	EACH
0670	02545	CLEARING AND GRUBBING - Less than 1 acre	1.00	LS
0675	02585	EDGE KEY	32.00	LF
0680	02650	MAINTAIN & CONTROL TRAFFIC	1.00	LS
0685	02671	PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH
0690	02726	STAKING	1.00	LS
0695	02731	REMOVE STRUCTURE	1.00	LS
0700	03299	ARMORED EDGE FOR CONCRETE	40.00	LF
0705	03304	BRIDGE OVERLAY APPROACH PAVEMENT	589.00	SQYD
0710	08002	STRUCTURE EXCAV-SOLID ROCK	46.00	CUYD
0715	08003	FOUNDATION PREPARATION	1.00	LS
0720	08019	CYCLOPEAN STONE RIP RAP	251.00	TON
0725	08039	PRE-DRILLING FOR PILES	100.00	LF
0730	08046	PILES-STEEL HP12X53	150.00	LF
0735	08094	PILE POINTS-12 IN	10.00	EACH
0740	08100	CONCRETE-CLASS A	105.20	CUYD
0745	08104	CONCRETE-CLASS AA	21.70	CUYD
0750	08150	STEEL REINFORCEMENT	9,110.00	LB
0755	08151	STEEL REINFORCEMENT-EPOXY COATED	5,720.00	LB
0760	08665	PRECAST PC BOX BEAM CB33-48	350.00	LF
0765	08801	GUARDRAIL-STEEL W BEAM-S FACE BR	130.00	LF
0770	21415ND	EROSION CONTROL	1.00	LS
0775	23378EC	CONCRETE SEALING	1,459.00	SQFT
0780	24982EC	CONCRETE COATING - Approx 3010 SF	1.00	LS
0785	02568	MOBILIZATION	1.00	LS
0790	02569	DEMOBILIZATION	1.00	LS

**PROPOSAL BID ITEMS**

Report Date 10/8/19

**Section: 0001 - BRIDGE - 034C00001N**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	01987		DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	8.00	EACH		\$	
0020	02223		GRANULAR EMBANKMENT	133.00	CUYD		\$	
0030	02267		REMOVE & RESET FENCE	150.00	LF		\$	
0040	02351		GUARDRAIL-STEEL W BEAM-S FACE	112.50	LF		\$	
0050	02360		GUARDRAIL TERMINAL SECTION NO 1	1.00	EACH		\$	
0060	02371		GUARDRAIL END TREATMENT TYPE 7	3.00	EACH		\$	
0070	02381		REMOVE GUARDRAIL	337.50	LF		\$	
0080	02399		EXTRA LENGTH GUARDRAIL POST	32.00	EACH		\$	
0090	02545		CLEARING AND GRUBBING Less than 1 acre	1.00	LS		\$	
0100	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0110	02671		PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH		\$	
0120	02726		STAKING	1.00	LS		\$	
0130	02731		REMOVE STRUCTURE	1.00	LS		\$	
0140	03299		ARMORED EDGE FOR CONCRETE	56.00	LF		\$	
0150	03304		BRIDGE OVERLAY APPROACH PAVEMENT	199.00	SQYD		\$	
0160	08003		FOUNDATION PREPARATION	1.00	LS		\$	
0170	08019		CYCLOPEAN STONE RIP RAP	411.00	TON		\$	
0180	08039		PRE-DRILLING FOR PILES	120.00	LF		\$	
0190	08046		PILES-STEEL HP12X53	168.00	LF		\$	
0200	08094		PILE POINTS-12 IN	12.00	EACH		\$	
0210	08100		CONCRETE-CLASS A	51.60	CUYD		\$	
0220	08104		CONCRETE-CLASS AA	30.50	CUYD		\$	
0230	08151		STEEL REINFORCEMENT-EPOXY COATED	8,590.00	LB		\$	
0240	08664		PRECAST PC BOX BEAM CB27-48	448.00	LF		\$	
0250	21415ND		EROSION CONTROL	1.00	LS		\$	
0260	23378EC		CONCRETE SEALING	2,910.00	SQFT		\$	
0270	25017ED		RAIL SYSTEM SIDE MOUNTED MGS	116.00	LF		\$	

**Section: 0002 - BRIDGE - 034C00006N**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0280	00003		CRUSHED STONE BASE	121.00	TON		\$	
0290	00100		ASPHALT SEAL AGGREGATE	5.00	TON		\$	
0300	00103		ASPHALT SEAL COAT	1.00	TON		\$	
0310	00190		LEVELING & WEDGING PG64-22	17.00	TON		\$	
0320	00212		CL2 ASPH BASE 1.00D PG64-22	78.00	TON		\$	
0330	00301		CL2 ASPH SURF 0.38D PG64-22	45.00	TON		\$	
0340	00356		ASPHALT MATERIAL FOR TACK	.25	TON		\$	
0350	01987		DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	8.00	EACH		\$	
0360	02223		GRANULAR EMBANKMENT	286.00	CUYD		\$	
0370	02351		GUARDRAIL-STEEL W BEAM-S FACE	225.00	LF		\$	
0380	02360		GUARDRAIL TERMINAL SECTION NO 1	1.00	EACH		\$	
0390	02371		GUARDRAIL END TREATMENT TYPE 7	3.00	EACH		\$	
0400	02399		EXTRA LENGTH GUARDRAIL POST	28.00	EACH		\$	

**PROPOSAL BID ITEMS**

Report Date 10/8/19

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0410	02545		CLEARING AND GRUBBING Less than 1 acre	1.00	LS		\$	
0420	02565		OBJECT MARKER TYPE 2	4.00	EACH		\$	
0430	02585		EDGE KEY	32.00	LF		\$	
0440	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0450	02671		PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH		\$	
0460	02726		STAKING	1.00	LS		\$	
0470	02731		REMOVE STRUCTURE	1.00	LS		\$	
0480	03250		WATERPROOFING MEMBRANE	56.00	SQYD		\$	
0490	06541		PAVE STRIPING-THERMO-4 IN Y	470.00	LF		\$	
0500	08002		STRUCTURE EXCAV-SOLID ROCK	20.00	CUYD		\$	
0510	08003		FOUNDATION PREPARATION	1.00	LS		\$	
0520	08100		CONCRETE-CLASS A	74.70	CUYD		\$	
0530	08150		STEEL REINFORCEMENT	11,591.00	LB		\$	
0540	21289ED		LONGITUDINAL EDGE KEY	410.00	LF		\$	
0550	21415ND		EROSION CONTROL	1.00	LS		\$	

**Section: 0003 - BRIDGE - 057B00002N**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0560	00003		CRUSHED STONE BASE	149.00	TON		\$	
0570	00100		ASPHALT SEAL AGGREGATE	8.00	TON		\$	
0580	00103		ASPHALT SEAL COAT	1.00	TON		\$	
0590	00190		LEVELING & WEDGING PG64-22	99.00	TON		\$	
0600	00212		CL2 ASPH BASE 1.00D PG64-22	240.00	TON		\$	
0610	00301		CL2 ASPH SURF 0.38D PG64-22	131.00	TON		\$	
0620	00356		ASPHALT MATERIAL FOR TACK	.35	TON		\$	
0630	00443		ENTRANCE PIPE-24 IN	36.00	LF		\$	
0640	01208		PIPE CULVERT HEADWALL-24 IN	1.00	EACH		\$	
0650	01434		SLOPED BOX OUTLET TYPE 1-24 IN	1.00	EACH		\$	
0660	01691		FLUME INLET TYPE 2	1.00	EACH		\$	
0670	01890		ISLAND HEADER CURB TYPE 1	25.00	LF		\$	
0680	01987		DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	18.00	EACH		\$	
0690	02223		GRANULAR EMBANKMENT (REVISED: 10-8-19)	1,234.00	CUYD		\$	
0700	02351		GUARDRAIL-STEEL W BEAM-S FACE	425.00	LF		\$	
0710	02360		GUARDRAIL TERMINAL SECTION NO 1	2.00	EACH		\$	
0720	02367		GUARDRAIL END TREATMENT TYPE 1	1.00	EACH		\$	
0730	02378		GUARDRAIL CONNECTOR TO BRIDGE END TY D	4.00	EACH		\$	
0740	02381		REMOVE GUARDRAIL	375.00	LF		\$	
0750	02399		EXTRA LENGTH GUARDRAIL POST	44.00	EACH		\$	
0760	02545		CLEARING AND GRUBBING Less than 1 acre	1.00	LS		\$	
0770	02585		EDGE KEY	40.00	LF		\$	
0780	02599		FABRIC-GEOTEXTILE TYPE IV	100.00	SQYD		\$	
0785	02610		RETAINING WALL-GABION (ADDED: 10-8-19)	105.00	CUYD		\$	
0790	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	



**PROPOSAL BID ITEMS**

Report Date 10/8/19

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0800	02671		PORTABLE CHANGEABLE MESSAGE SIGN	4.00	EACH		\$	
0810	02726		STAKING	1.00	LS		\$	
0820	02731		REMOVE STRUCTURE	1.00	LS		\$	
0830	03299		ARMORED EDGE FOR CONCRETE	58.00	LF		\$	
0840	06514		PAVE STRIPING-PERM PAINT-4 IN	2,650.00	LF		\$	
0850	08002		STRUCTURE EXCAV-SOLID ROCK	111.00	CUYD		\$	
0860	08003		FOUNDATION PREPARATION	1.00	LS		\$	
0870	08019		CYCLOPEAN STONE RIP RAP	260.00	TON		\$	
0880	08039		PRE-DRILLING FOR PILES	72.00	LF		\$	
0890	08046		PILES-STEEL HP12X53	84.00	LF		\$	
0900	08094		PILE POINTS-12 IN	6.00	EACH		\$	
0910	08100		CONCRETE-CLASS A	155.90	CUYD		\$	
0920	08104		CONCRETE-CLASS AA	174.20	CUYD		\$	
0930	08135		MECHANICAL REINF COUPLER #10	21.00	EACH		\$	
0940	08140		MECHANICAL REINF COUPLER #5 EPOXY COATED	74.00	EACH		\$	
0950	08141		MECHANICAL REINF COUPLER #6 EPOXY COATED	618.00	EACH		\$	
0960	08151		STEEL REINFORCEMENT-EPOXY COATED	85,680.00	LB		\$	
0970	08634		PRECAST PC I BEAM TYPE 4	663.00	LF		\$	
0980	20430ED		SAW CUT	305.00	LF		\$	
0990	21289ED		LONGITUDINAL EDGE KEY	343.00	LF		\$	
1000	21415ND		EROSION CONTROL	1.00	LS		\$	
1010	23378EC		CONCRETE SEALING	7,415.00	SQFT		\$	
1020	23813EC		DECK DRAIN	4.00	EACH		\$	
1030	24404EC		MECHANICAL REINF COUPLER-#7 EPOXY COATED	15.00	EACH		\$	
1040	24405EC		MECHANICAL REINF COUPLER-#8 EPOXY COATED	31.00	EACH		\$	
1050	24982EC		CONCRETE COATING Approx 4470 SF	1.00	LS		\$	
1060	25024ED		CLASSIC BRIDGE RAIL	336.00	LF		\$	

**Section: 0004 - BRIDGE - 057B00022N**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1070	01987		DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	24.00	EACH		\$	
1080	02223		GRANULAR EMBANKMENT	28.00	CUYD		\$	
1090	02351		GUARDRAIL-STEEL W BEAM-S FACE	100.00	LF		\$	
1100	02399		EXTRA LENGTH GUARDRAIL POST	32.00	EACH		\$	
1110	02726		STAKING	1.00	LS		\$	
1120	02731		REMOVE STRUCTURE	1.00	LS		\$	
1130	03299		ARMORED EDGE FOR CONCRETE	61.00	LF		\$	
1140	03304		BRIDGE OVERLAY APPROACH PAVEMENT	126.00	SQYD		\$	
1150	08003		FOUNDATION PREPARATION	1.00	LS		\$	
1160	08019		CYCLOPEAN STONE RIP RAP	305.00	TON		\$	
1170	08104		CONCRETE-CLASS AA	96.00	CUYD		\$	
1180	08151		STEEL REINFORCEMENT-EPOXY COATED	19,878.00	LB		\$	
1190	08668		PRECAST PC BOX BEAM SB17	434.00	LF		\$	

**PROPOSAL BID ITEMS**

Report Date 10/8/19

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1200	08672		PRECAST PC BOX BEAM SB42	511.00	LF		\$	
1210	21415ND		EROSION CONTROL	1.00	LS		\$	
1220	21741NC		MAINTAIN & CONTROL TRAFFIC	1.00	EACH		\$	
1230	22146EN		CONCRETE PATCHING REPAIR	50.00	SQFT		\$	
1240	23378EC		CONCRETE SEALING	5,836.00	SQFT		\$	
1250	23744EC		EPOXY INJECTION CRACK REPAIR	8.00	LF		\$	
1260	24982EC		CONCRETE COATING For a 2880 SF Estimate	1.00	LS		\$	
1270	25017ED		RAIL SYSTEM SIDE MOUNTED MGS	270.33	LF		\$	

**Section: 0005 - BRIDGE - 076C00066N**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1280	00003		CRUSHED STONE BASE	127.00	TON		\$	
1290	00100		ASPHALT SEAL AGGREGATE	5.50	TON		\$	
1300	00103		ASPHALT SEAL COAT	1.00	TON		\$	
1310	00190		LEVELING & WEDGING PG64-22	17.00	TON		\$	
1320	00212		CL2 ASPH BASE 1.00D PG64-22	142.00	TON		\$	
1330	00301		CL2 ASPH SURF 0.38D PG64-22	63.00	TON		\$	
1340	00356		ASPHALT MATERIAL FOR TACK	.25	TON		\$	
1350	01987		DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	8.00	EACH		\$	
1360	02091		REMOVE PAVEMENT	167.00	SQYD		\$	
1370	02223		GRANULAR EMBANKMENT	622.00	CUYD		\$	
1380	02351		GUARDRAIL-STEEL W BEAM-S FACE	112.50	LF		\$	
1390	02355		GUARDRAIL-STEEL W BEAM-S FACE A	100.00	LF		\$	
1400	02360		GUARDRAIL TERMINAL SECTION NO 1	2.00	EACH		\$	
1410	02371		GUARDRAIL END TREATMENT TYPE 7	2.00	EACH		\$	
1420	02399		EXTRA LENGTH GUARDRAIL POST	28.00	EACH		\$	
1430	02545		CLEARING AND GRUBBING Less than 1 acre	1.00	LS		\$	
1440	02585		EDGE KEY	37.00	LF		\$	
1450	02598		FABRIC-GEOTEXTILE TYPE III	100.00	SQYD		\$	
1460	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
1470	02671		PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH		\$	
1480	02726		STAKING	1.00	LS		\$	
1490	02731		REMOVE STRUCTURE	1.00	LS		\$	
1500	03299		ARMORED EDGE FOR CONCRETE	40.00	LF		\$	
1510	06540		PAVE STRIPING-THERMO-4 IN W	600.00	LF		\$	
1520	06541		PAVE STRIPING-THERMO-4 IN Y	600.00	LF		\$	
1530	08003		FOUNDATION PREPARATION	1.00	LS		\$	
1540	08019		CYCLOPEAN STONE RIP RAP	186.00	TON		\$	
1550	08039		PRE-DRILLING FOR PILES	100.00	LF		\$	
1560	08046		PILES-STEEL HP12X53	150.00	LF		\$	
1570	08094		PILE POINTS-12 IN	10.00	EACH		\$	
1580	08100		CONCRETE-CLASS A	41.00	CUYD		\$	
1590	08104		CONCRETE-CLASS AA	18.30	CUYD		\$	
1600	08151		STEEL REINFORCEMENT-EPOXY COATED	5,710.00	LB		\$	
1610	08665		PRECAST PC BOX BEAM CB33-48	295.00	LF		\$	

**PROPOSAL BID ITEMS**

Report Date 10/8/19

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1620	20430ED		SAW CUT	217.00	LF		\$	
1630	21289ED		LONGITUDINAL EDGE KEY	199.00	LF		\$	
1640	21415ND		EROSION CONTROL	1.00	LS		\$	
1650	23378EC		CONCRETE SEALING	1,230.00	SQFT		\$	
1660	23911EC		GROUT	20.00	CUYD		\$	
1670	24982EC		CONCRETE COATING Approx 1750 SF	1.00	LS		\$	
1680	25022ED		RAIL SYSTEM TYPE II MOD	108.00	LF		\$	

**Section: 0006 - BRIDGE - 084B00030N**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1690	01987		DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	20.00	EACH		\$	
1700	02223		GRANULAR EMBANKMENT	308.00	CUYD		\$	
1710	02351		GUARDRAIL-STEEL W BEAM-S FACE	362.50	LF		\$	
1720	02371		GUARDRAIL END TREATMENT TYPE 7	4.00	EACH		\$	
1730	02381		REMOVE GUARDRAIL	50.00	LF		\$	
1740	02399		EXTRA LENGTH GUARDRAIL POST	40.00	EACH		\$	
1750	02545		CLEARING AND GRUBBING Less than 1 acre	1.00	LS		\$	
1760	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
1770	02671		PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH		\$	
1780	02726		STAKING	1.00	LS		\$	
1790	02731		REMOVE STRUCTURE	1.00	LS		\$	
1800	03299		ARMORED EDGE FOR CONCRETE	32.00	LF		\$	
1810	03304		BRIDGE OVERLAY APPROACH PAVEMENT	501.00	SQYD		\$	
1820	08002		STRUCTURE EXCAV-SOLID ROCK	292.00	CUYD		\$	
1830	08003		FOUNDATION PREPARATION	1.00	LS		\$	
1840	08019		CYCLOPEAN STONE RIP RAP	262.00	TON		\$	
1850	08100		CONCRETE-CLASS A	467.00	CUYD		\$	
1860	08104		CONCRETE-CLASS AA	23.00	CUYD		\$	
1870	08150		STEEL REINFORCEMENT	56,833.00	LB		\$	
1880	08151		STEEL REINFORCEMENT-EPOXY COATED	3,974.00	LB		\$	
1890	08662		PRECAST PC BOX BEAM CB17-48	368.00	LF		\$	
1900	08801		GUARDRAIL-STEEL W BEAM-S FACE BR	184.00	LF		\$	
1910	21415ND		EROSION CONTROL	1.00	LS		\$	
1920	23378EC		CONCRETE SEALING (REVISED: 10-8-19)	3,020.00	SQFT		\$	
1930	24982EC		CONCRETE COATING Approx. 2650 sf	1.00	LS		\$	

**Section: 0007 - BRIDGE - 087B00042N**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1940	01987		DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	4.00	EACH		\$	
1950	02355		GUARDRAIL-STEEL W BEAM-S FACE A	100.00	LF		\$	
1960	02360		GUARDRAIL TERMINAL SECTION NO 1	4.00	EACH		\$	

**PROPOSAL BID ITEMS**

Report Date 10/8/19

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1970	02381		REMOVE GUARDRAIL	48.00	LF		\$	
1980	02399		EXTRA LENGTH GUARDRAIL POST	32.00	EACH		\$	
1990	02545		CLEARING AND GRUBBING Less than 1 acre	1.00	LS		\$	
2000	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
2010	02671		PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH		\$	
2020	02726		STAKING	1.00	LS		\$	
2030	03299		ARMORED EDGE FOR CONCRETE	50.00	LF		\$	
2040	03304		BRIDGE OVERLAY APPROACH PAVEMENT	134.00	SQYD		\$	
2050	08003		FOUNDATION PREPARATION	1.00	LS		\$	
2060	08019		CYCLOPEAN STONE RIP RAP	44.00	TON		\$	
2070	08100		CONCRETE-CLASS A	1.00	CUYD		\$	
2080	08104		CONCRETE-CLASS AA	12.00	CUYD		\$	
2090	08151		STEEL REINFORCEMENT-EPOXY COATED	1,249.00	LB		\$	
2100	08301		REMOVE SUPERSTRUCTURE	1.00	LS		\$	
2110	08661		PRECAST PC BOX BEAM CB12-48	144.00	LF		\$	
2120	21415ND		EROSION CONTROL	1.00	LS		\$	
2130	22146EN		CONCRETE PATCHING REPAIR	32.00	SQFT		\$	
2140	23378EC		CONCRETE SEALING	1,496.00	SQFT		\$	
2150	23744EC		EPOXY INJECTION CRACK REPAIR	10.00	LF		\$	
2160	24116EC		DEBRIS CLEANING	1.00	LS		\$	
2170	25017ED		RAIL SYSTEM SIDE MOUNTED MGS	48.00	LF		\$	

**Section: 0008 - BRIDGE - 087B00035N**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2180	01987		DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	8.00	EACH		\$	
2190	02223		GRANULAR EMBANKMENT	28.00	CUYD		\$	
2200	02351		GUARDRAIL-STEEL W BEAM-S FACE	162.50	LF		\$	
2210	02360		GUARDRAIL TERMINAL SECTION NO 1	1.00	EACH		\$	
2220	02381		REMOVE GUARDRAIL	150.00	LF		\$	
2230	02399		EXTRA LENGTH GUARDRAIL POST	32.00	EACH		\$	
2240	02545		CLEARING AND GRUBBING Less than 1 acre	1.00	LS		\$	
2250	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
2260	02671		PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH		\$	
2270	02726		STAKING	1.00	LS		\$	
2280	03299		ARMORED EDGE FOR CONCRETE	56.00	LF		\$	
2290	03304		BRIDGE OVERLAY APPROACH PAVEMENT	134.00	SQYD		\$	
2300	08003		FOUNDATION PREPARATION	1.00	LS		\$	
2310	08100		CONCRETE-CLASS A	1.00	CUYD		\$	
2320	08104		CONCRETE-CLASS AA	15.00	CUYD		\$	
2330	08150		STEEL REINFORCEMENT	200.00	LB		\$	
2340	08151		STEEL REINFORCEMENT-EPOXY COATED	1,943.00	LB		\$	
2350	08301		REMOVE SUPERSTRUCTURE	1.00	LS		\$	
2360	08661		PRECAST PC BOX BEAM CB12-48	191.00	LF		\$	
2370	21415ND		EROSION CONTROL	1.00	LS		\$	
2380	23378EC		CONCRETE SEALING	2,117.00	SQFT		\$	

**PROPOSAL BID ITEMS**

Report Date 10/8/19

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2390	23744EC		EPOXY INJECTION CRACK REPAIR	129.00	LF		\$	
2400	25017ED		RAIL SYSTEM SIDE MOUNTED MGS	64.00	LF		\$	

**Section: 0009 - BRIDGE - 105B00039N**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2410	00194		LEVELING & WEDGING PG76-22	91.00	TON		\$	
2420	01987		DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	12.00	EACH		\$	
2430	02223		GRANULAR EMBANKMENT	221.00	CUYD		\$	
2440	02268		REMOVE & REPLACE FENCE	381.00	LF		\$	
2450	02351		GUARDRAIL-STEEL W BEAM-S FACE	262.50	LF		\$	
2460	02355		GUARDRAIL-STEEL W BEAM-S FACE A	100.00	LF		\$	
2470	02371		GUARDRAIL END TREATMENT TYPE 7	1.00	EACH		\$	
2480	02381		REMOVE GUARDRAIL	541.00	LF		\$	
2490	02399		EXTRA LENGTH GUARDRAIL POST	36.00	EACH		\$	
2500	02545		CLEARING AND GRUBBING Less than 1 acre	1.00	LS		\$	
2510	02585		EDGE KEY	32.00	LF		\$	
2520	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
2530	02671		PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH		\$	
2540	02726		STAKING	1.00	LS		\$	
2550	02731		REMOVE STRUCTURE	1.00	LS		\$	
2560	03299		ARMORED EDGE FOR CONCRETE	40.00	LF		\$	
2570	03304		BRIDGE OVERLAY APPROACH PAVEMENT	589.00	SQYD		\$	
2580	08002		STRUCTURE EXCAV-SOLID ROCK	46.00	CUYD		\$	
2590	08003		FOUNDATION PREPARATION	1.00	LS		\$	
2600	08019		CYCLOPEAN STONE RIP RAP	251.00	TON		\$	
2610	08039		PRE-DRILLING FOR PILES	100.00	LF		\$	
2620	08046		PILES-STEEL HP12X53	150.00	LF		\$	
2630	08094		PILE POINTS-12 IN	10.00	EACH		\$	
2640	08100		CONCRETE-CLASS A	105.20	CUYD		\$	
2650	08104		CONCRETE-CLASS AA	21.70	CUYD		\$	
2660	08150		STEEL REINFORCEMENT	9,110.00	LB		\$	
2670	08151		STEEL REINFORCEMENT-EPOXY COATED	5,720.00	LB		\$	
2680	08665		PRECAST PC BOX BEAM CB33-48	350.00	LF		\$	
2690	08801		GUARDRAIL-STEEL W BEAM-S FACE BR	130.00	LF		\$	
2700	21415ND		EROSION CONTROL	1.00	LS		\$	
2710	23378EC		CONCRETE SEALING	1,459.00	SQFT		\$	
2720	24982EC		CONCRETE COATING Approx 3010 SF	1.00	LS		\$	

**Section: 0010 - DEMOBILIZATION &/OR MOBILIZATION**

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
2730	02568		MOBILIZATION	1.00	LS		\$	
2740	02569		DEMOBILIZATION	1.00	LS		\$	



**PROJECT COORDINATES**  
Coordinates for horizontal control were obtained by redundant GPS observations using Spectra SP80 GNSS receivers on the NAD83 Kentucky State Plane Coordinate System. KY Single Zone, US Survey Feet utilizing the KYCORS RTN GPS Network on October 30, 2018. Coordinates shown are State Plane Coordinates, US Survey Feet. No project datum factor was calculated or used for this project.

**BASIS OF ELEVATIONS**  
Elevations were established by redundant GPS observations using Spectra SP80 GNSS receivers on the NAVD83 vertical datum, GEOID12B utilizing the KYCORS RTN Network on October 30, 2018 and were adjusted by closed differential level loop based on the elevation of CP 101 = 695.50'

- LT, STA. 60+89 TO STA. 62+92 CONST. 207 L.F. SAW CUT (PAVEMENT)
- LT, STA. 64+61 TO STA. 65+68 CONST. 98 L.F. SAW CUT (PAVEMENT)
- LT STA. 62+53.93 CONST. 36 L.F. OF 24" ENTRANCE PIPE
- 1 - PIPE CULVERT HEADWALL-24 IN

- LT, STA. 62+54 CONST. 12' WIDE ENTRANCE
- 69 SOYD 1/4" ASPH. SURF.
- 69 SOYD 2" ASPH. BASE
- 69 SOYD 4" CSB

- LT, STA. 60+71 TO STA. 62+92 CONST. 220 L.F. LONGITUDINAL EDGE KEY
- STA. 60+08.26 CONST. 20 L.F. EDGE KEY

BEGIN PROJECT & BEGIN PAVEMENT CONSTRUCTION  
STA. 60+08.04  
N 3821716.76  
E 5266745.38

- ① N1728°04'W-126.37'
- ② N176°39'W-40.43'
- ③ N87°16'28"E-20.00'
- ④ RADIUS 1266.67' ARC 163.13' CHORD 163.02' S63°38'33"E
- ⑤ S89°37'20"W-19.89'
- ⑥ N0°58'08"E-50.58'
- ⑦ N85°55'19"E-19.96'
- ⑧ S0°58'08"W-51.87'
- ⑨ S85°55'19"W-19.96'
- ⑩ N0°58'08"E-46.79'
- ⑪ S89°05'15"E-19.88'
- ⑫ S0°58'08"W-45.06'

- LT, STA. 62+63 TO STA. 62+94 CONST. 37.5 L.F. GUARDRAIL-STEEL W BEAM-S FACE
- 1-GUARDRAIL TERMINAL SECTION NO. 1
- 1-GUARDRAIL CONNECTOR TO BRIDGE END TYPE D

- RT, STA. 61+66 TO STA. 62+92 CONST. 125 L.F. GUARDRAIL-STEEL W BEAM-S FACE
- 1-GUARDRAIL END TREATMENT TYPE 1
- 1-GUARDRAIL CONNECTOR TO BRIDGE END TYPE D

### COORDINATE CONTROL POINTS

POINT	DESCRIPTION	State Plane Coordinates			STATION	OFFSET
		NORTH (Y)	EAST (X)	ELEV. (Z)		
CP 101	5/8" REBAR & CAP	3821786.61	5266717.77	695.50	60+81.55	15.46' LT
CP 102	5/8" REBAR & CAP	3821998.35	5266706.11	694.17	62+92.54	0.70' LT
CP 103	5/8" REBAR & CAP	3822365.21	5266734.41	694.67	66+58.34	17.80' LT

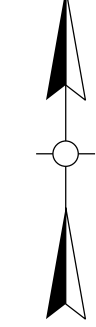
STA. 63+73 REMOVE EXIST. 4-SPAN STRUCTURE ABUTMENTS, & PIERS

BLACK BRIDGE BAPTIST CHURCH

ARMY EDWARD K

TO BE RELOCATED (BY OTHERS)

TO BE RELOCATED (BY OTHERS)



LT, STA. 64+62 TO STA. 65+87 CONST. 123 L.F. LONGITUDINAL EDGE KEY

STA. 66+50 CONST. 20 L.F. EDGE KEY

BLACK BRIDGE RD  
PI=0+29.44  
R=50.00  
DELTA= 20°44'19" LT  
L=18.10'  
e=NC  
T=9.15'  
E=0.83'

CONSTRUCT RETAINING WALL (GABION) PER STD DWG RGX-090-02  
LT STA. 64+60 TO STA. 64+98 - 105 CU YD  
NOTE: CONTRARY TO STD DWG STRUCTURE EXCAVATION SHALL BE INCIDENTAL TO ITEM RETAINING WALL-GABION

END PROJECT & END PAVEMENT CONSTRUCTION  
STA. 66+50.00  
N 3822351.82  
E 5266749.06

STA. 63+76.93 CONST. TWO SPAN BRIDGE

KY 39  
PI=64+17.43  
R=1125.00  
DELTA= 27°01'22"RT  
L=530.59'  
e=4.100Z  
T=270.33'  
E=32.02'

ROBERTSON JAMES & BARBARA W

REMOVE GUARDRAIL  
77 LF - RT STA. 62+19 TO STA. 62+99  
28 LF - LT STA. 62+77 TO STA. 63+00  
107 LF - LT STA. 64+46 TO STA. 65+53  
163 LF - RT STA. 64+48 TO STA. 66+14

### PROPOSED BLACK BRIDGE CENTERLINE COORDINATE DATA

POINT	State Plane Coordinates	STATION	
			NORTH (Y)
POB	3908657.69	5266639.94	0+00.00
PC	3822221.13	5266657.37	0+20.29
PI	3822225.82	5266665.22	0+29.44
PT	3822232.99	5266670.91	0+38.39
PC	3822226.77	5266696.11	0+78.94
PI	3822276.84	5266705.68	0+94.36
PT	3822273.71	5266720.78	1+06.57
POE	3822271.92	5266729.40	1+15.38

### PROPOSED KY 39 CENTERLINE COORDINATE DATA

POINT	State Plane Coordinates	STATION	
			NORTH (Y)
POB	3821708.83	5266746.73	60+00.00
PC	3821853.83	5266721.97	61+47.10
PI	3822120.30	5266676.46	64+17.43
PT	3822378.35	52666756.99	66+77.69
POE	3822399.73	52666763.66	67+00.08



PREPARED BY

BRIDGING KENTUCKY

REASONABLE MEANS OF INGRESS AND EGRESS SHALL BE MAINTAINED TO ALL PROPERTIES WITHIN THE PROJECT LIMITS. ACCESS TO FIRE HYDRANTS MUST ALSO BE MAINTAINED AT ALL TIMES.

KY 39 OVER HICKMAN CREEK

PLAN SHEET

SCALE: 1"=60'

0' 30' 60' 120'

DATE PLOTTED: 9/25/2019 6:52:29 PM

USFS: dorrrell.smith

FILE NAME: ...Design\R003 rev cur ved.dgn

SHEET NAME:

867

### COORDINATE CONTROL POINTS

POINT	DESCRIPTION	State Plane Coordinates			STATION	OFFSET
		NORTH (Y)	EAST (X)	ELEV. (Z)		
CP 101	5/8" REBAR & CAP	3821786.61	5266717.77	695.50	60+81.55	15.46' LT
CP 102	5/8" REBAR & CAP	3821998.35	5266706.11	694.17	62+92.54	0.70' LT
CP 103	5/8" REBAR & CAP	3822365.21	5266734.41	694.67	66+58.34	17.80' LT

**PROJECT COORDINATES**  
Coordinates for horizontal control were obtained by redundant GPS observations using Spectra SP80 GNSS receivers on the NAD83 Kentucky State Plane Coordinate System. KY Single Zone, US Survey Feet utilizing the KYCORS RTN GPS Network on October 30, 2018. Coordinates shown are State Plane Coordinates, US Survey Feet. No project datum factor was calculated or used for this project.

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LT, STA. 60+89 TO STA. 62+92 CONST.  
207 L.F. SAW CUT (PAVEMENT)

LT, STA. 64+61 TO STA. 65+68 CONST.  
98 L.F. SAW CUT (PAVEMENT)

LT, STA. 62+53.93 CONST. 36 L.F. OF 24" ENTRANCE PIPE  
1 - PIPE CULVERT HEADWALL-24 IN

LT, STA. 62+54  
CONST. 12" WIDE ENTRANCE  
69 SOYD 1/4" ASPH. SURF.  
69 SOYD 2" ASPH. BASE  
69 SOYD 4" CSB

LT, STA. 60+71 TO STA. 62+92 CONST.  
220 L.F. LONGITUDINAL EDGE KEY

STA. 60+08.26 CONST.  
20 L.F. EDGE KEY

BEGIN PROJECT & BEGIN PAVEMENT CONSTRUCTION  
STA. 60+08.04  
N 3821716.76  
E 5266745.38

- ① N1728°04'W-126.37'
- ② N16°39'W-40.43'
- ③ N87°16'28"E-20.00'
- ④ RADIUS 1266.67' ARC 163.13' CHORD 163.02' S63°38'33"E
- ⑤ S89°37'20"W-19.89'
- ⑥ N0°58'08"E-50.58'
- ⑦ N85°55'19"E-19.96'
- ⑧ S0°58'08"W-51.87'
- ⑨ S85°55'19"W-19.96'
- ⑩ N0°58'08"E-46.79'
- ⑪ S89°05'15"E-19.88'
- ⑫ S0°58'08"W-45.06'

LT, STA. 62+63 TO STA. 62+94 CONST.  
37.5 L.F. GUARDRAIL-STEEL W BEAM-S FACE  
1-GUARDRAIL TERMINAL SECTION NO. 1  
1-GUARDRAIL CONNECTOR TO BRIDGE END TYPE D

RT, STA. 61+66 TO STA. 62+92 CONST.  
125 L.F. GUARDRAIL-STEEL W BEAM-S FACE  
1-GUARDRAIL END TREATMENT TYPE 1  
1-GUARDRAIL CONNECTOR TO BRIDGE END TYPE D

ROBERTSON JAMES & BARBARA W

REMOVE GUARDRAIL  
77 LF - RT STA. 62+19 TO STA. 62+99  
28 LF - LT STA. 62+77 TO STA. 63+00  
107 LF - LT STA. 64+46 TO STA. 65+53  
163 LF - RT STA. 64+48 TO STA. 66+14

### PROPOSED BLACK BRIDGE CENTERLINE COORDINATE DATA

POINT	State Plane Coordinates			STATION
	NORTH (Y)	EAST (X)		
POB	3908657.69	5266639.94		0+00.00
PC	3822221.13	5266657.37		0+20.29
PI	3822225.82	5266665.22		0+29.44
PT	3822232.99	5266670.91		0+38.39
PC	3822226.77	5266696.11		0+78.94
PI	3822276.84	5266705.68		0+94.36
PT	3822273.71	5266720.78		1+06.57
POE	3822271.92	5266729.40		1+15.38

LT, STA. 64+62 TO STA. 65+87 CONST.  
123 L.F. LONGITUDINAL EDGE KEY

STA. 66+50 CONST.  
20 L.F. EDGE KEY

STA. 63+73 REMOVE EXIST. 4-SPAN STRUCTURE ABUTMENTS, & PIERS

BLACK BRIDGE RD  
PI=0+29.44  
R=50.00  
DELTA= 20°44'19" LT  
L=18.10'  
e=NC  
T=9.15'  
E=0.83'

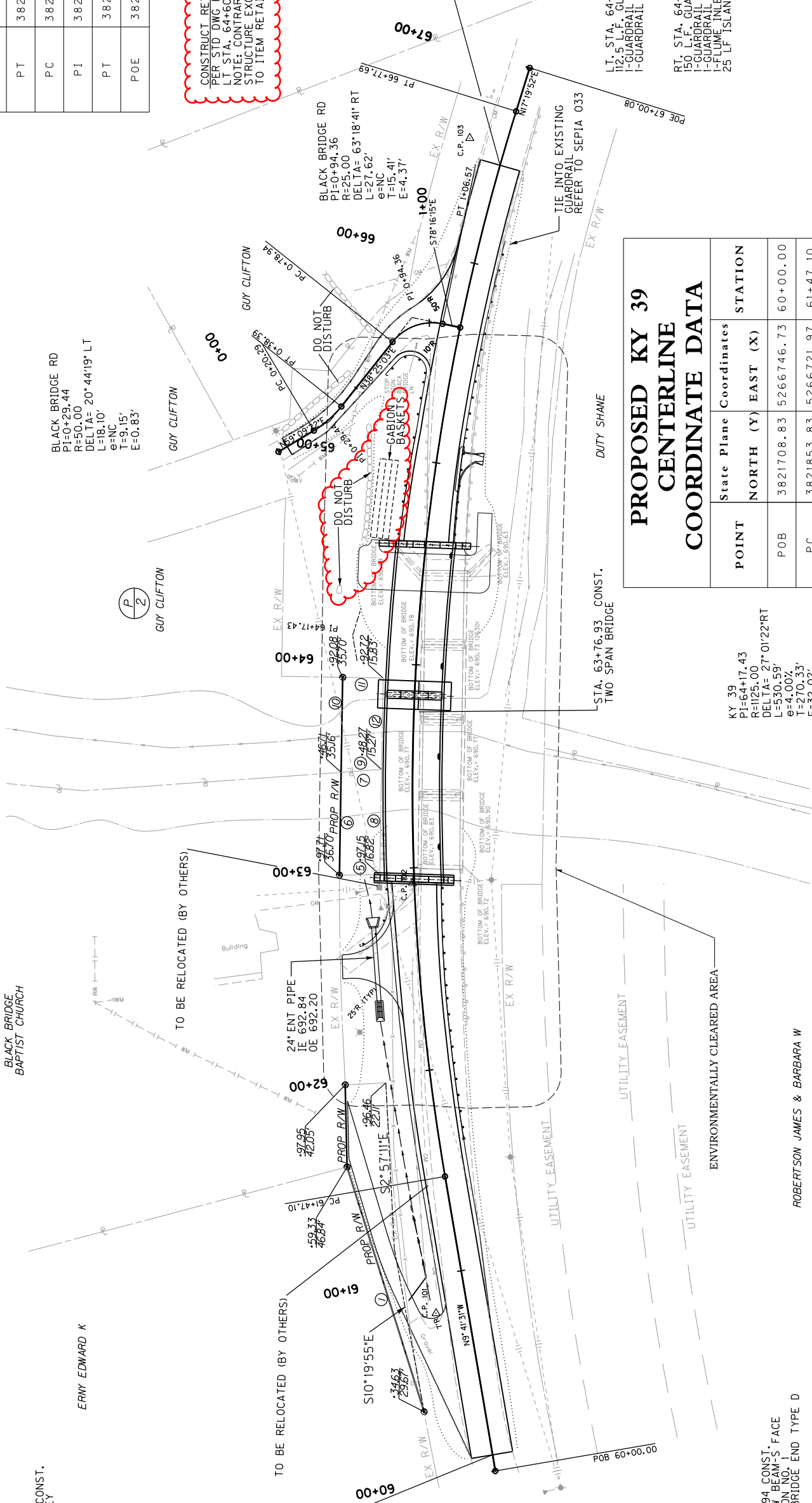
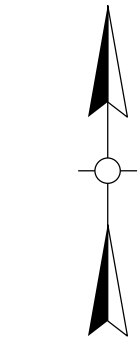
CONSTRUCT RETAINING WALL (GABION) PER STD DWG RGX-050-02  
LT STA. 64+98 - 105 CU YD  
NOTE: CONTRARY TO STD DWG STRUCTURE EXCAVATION SHALL BE INCIDENTAL TO ITEM RETAINING WALL-GABION

END PROJECT & END PAVEMENT CONSTRUCTION  
STA. 66+50.00  
N 3822351.82  
E 5266749.06

LT, STA. 64+60 TO STA. 65+41 CONST.  
112 L.F. GUARDRAIL-STEEL W BEAM-S FACE  
1-GUARDRAIL TERMINAL SECTION NO. 1  
1-GUARDRAIL CONNECTOR TO BRIDGE END TYPE D

RT, STA. 64+61 TO STA. 66+11 CONST.  
150 L.F. GUARDRAIL-STEEL W BEAM-S FACE  
1-GUARDRAIL CONNECTOR TO BRIDGE END TYPE D  
1-GUARDRAIL TRANSITION SYSTEM  
25 LF ISLAND HEADER CURB

REASONABLE MEANS OF INGRESS AND EGRESS SHALL BE MAINTAINED TO ALL PROPERTIES WITHIN THE PROJECT LIMITS. ACCESS TO FIRE HYDRANTS MUST ALSO BE MAINTAINED AT ALL TIMES.



### PROPOSED KY 39 CENTERLINE COORDINATE DATA

POINT	State Plane Coordinates			STATION
	NORTH (Y)	EAST (X)		
POB	3821708.83	5266746.73		60+00.00
PC	3821853.83	5266721.97		61+47.10
PI	3822120.30	5266676.46		64+17.43
PT	3822378.35	52666756.99		66+77.69
POE	3822399.73	52666763.66		67+00.08

KY 39  
PI=64+17.43  
R=1125.00  
DELTA= 27°01'22"RT  
L=530.59'  
e=4.100Z  
T=270.33'  
E=32.02'