



**TRANSPORTATION CABINET**

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

**Steven L. Beshear**  
Governor

**Michael W. Hancock, P.E.**  
Secretary

December 5, 2014

CALL NO. 309  
CONTRACT ID NO. 141010  
ADDENDUM # 2

Subject: Pike County, FD04 SPP 098 0460 006-008  
Letting December 12, 2014

- (1) Revised - Plan Sheets - R2H, R6, R10, R11, R13, R14, & R34
- (2) Revised - CAP Note - Pages 142-143 of 192
- (3) Added - Notes - Pages 1-44 of 44

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

Plan revisions are available at <http://www.lynnimaging.com/kytransportation/>.

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

Sincerely,

A handwritten signature in blue ink that reads "Diana Castle Radcliffe".

Diana Castle Radcliffe  
Director  
Division of Construction Procurement

DR:ks

Enclosures



An Equal Opportunity Employer M/F/D

COUNTY OF	ITEM NO.	SHEET NO.
PIKE	12-8631.00	R2H

# GENERAL NOTES

## BEFORE YOU DIG

The contractor is instructed to call 1-800-752-6007 to reach KY 811, the one-call system for information on the location of existing underground utilities. The call is to be placed a minimum of two (2) and no more than ten (10) business days prior to excavation. The contractor should be aware that owners of underground facilities are not required to be members of the KY 811 one-call Before-U-Dig (BUD) service. The contractor must coordinate excavation with the utility owners, including those whom do not subscribe to KY 811. It may be necessary for the contractor to contact the County Court Clerk to determine what utility companies have facilities in the area.

**UTILITIES (HAZARDOUS OR FLAMMABLE MATERIALS):**  
 THE CONTRACTOR IS ADVISED TO EXERCISE CAUTION IN HIS OPERATIONS IN AREAS WHERE PLANS INDICATE THE PRESENCE OF A GAS LINE OR OTHER LINES CARRYING HAZARDOUS MATERIAL.

### CONTROL OF ACCESS

THE CONTROL OF ACCESS ON THIS PROJECT SHALL BE BY PERMIT.

### N.G.S. (U.S.G.S.) BENCH MARKS

DO NOT DISTURB N.G.S. (U.S.G.S.) BENCH MARKS IN ANY MANNER UNLESS DIRECTED BY THE ENGINEER.

### TRAFFIC CONTROL ITEMS

UNLESS OTHERWISE DIRECTED, ALL SALVAGEABLE TRAFFIC CONTROL ITEMS, DEVICES, MATERIALS AND INCIDENTALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR WHEN NO LONGER NEEDED FOR MAINTAINING AND CONTROLLING TRAFFIC DURING CONSTRUCTION.

### DEPARTMENT OF THE ARMY PERMIT AND WATER QUALITY CERTIFICATION APPROVALS

A DEPARTMENT OF THE ARMY (DA) PERMIT, WHICH MAY REQUIRE APPROVAL OF A STATE WATER QUALITY CERTIFICATION FROM THE KENTUCKY DIVISION OF WATER, REGULATES THIS PROJECT AT ONE OR MORE LOCATIONS. PERFORM ALL APPLICABLE WORK IN COMPLIANCE WITH THE CONDITIONS STATED IN THE DA PERMIT AND THE APPROVED WATER QUALITY CERTIFICATION. POST A COPY OF THE DA PERMIT AND THE WATER QUALITY CERTIFICATION IN A CONSPICUOUS PLACE AT THE PROJECT SITE. IF A DA PERMIT OR WATER QUALITY CERTIFICATION APPROVAL IS PENDING, DO NOT WORK IN OR DISTURB THE DESIGNATED AREA(S) UNTIL OBTAINING THE APPROPRIATE APPROVAL(S). REFER TO NOTICE(S) CONTAINED IN THE CONTRACT BID PROPOSAL FOR DESIGNATED AREA(S) WHERE WORK IS PROHIBITED BY THE ABSENCE OF APPROVAL.

### NOTICE - CAUTION - CLASSIFICATION

WITHOUT REGARD TO THE MATERIALS ENCOUNTERED, ALL ROADWAY AND DRAINAGE EXCAVATION SHALL BE UNCLASSIFIED AND SHALL BE DESIGNATED AS "ROADWAY EXCAVATION". IT SHALL BE DISTINCTLY UNDERSTOOD THAT ANY REFERENCE TO ROCK, EARTH, OR ANY OTHER MATERIAL ON THE PLANS OR CROSS - SECTIONS, WHETHER IN NUMBERS, WORDS, LETTERS OR LINES, IS SOLELY FOR THE DEPARTMENTS INFORMATION AND IS NOT TO BE TAKEN AS AN INDICATION OF CLASSIFIED EXCAVATION OR THE QUANTITY OF EITHER ROCK, EARTH OR ANY OTHER MATERIAL INVOLVED. THE BIDDER MUST DRAW HIS OWN CONCLUSION AS TO THE CONDITIONS TO BE ENCOUNTERED. THE DEPARTMENT DOES NOT GIVE ANY GUARANTEE AS TO THE ACCURACY OF THE DATE AND NO CLAIM WILL BE CONSIDERED FOR ADDITIONAL COMPENSATION IF THE MATERIALS ENCOUNTERED ARE IN IN ACCORD WITH THE CLASSIFICATION SHOWN.

### ASPHALT PAVEMENT RIDE QUALITY

PAVEMENT RIDEABILITY REQUIREMENTS, IN ACCORDANCE WITH SECTION 410 OF THE STANDARD SPECIFICATIONS, SHALL APPLY ON THIS PROJECT. CATEGORY B SHALL APPLY.

### STANDARD DRAWINGS

STANDARD DRAWINGS ARE NOT ATTACHED TO THESE PLANS. A STANDARD DRAWING BOOK AND THE HEADWALL SUPPLEMENTAL BOOK MAY BE OBTAINED FROM THE POLICY SUPPORT BRANCH OF THE DEPARTMENT OF ADMINISTRATIVE SERVICES IN FRANKFORT, KY, AT (502) 564-3670.

CONTRARY TO KYTC STANDARD DRAWING RBR-020-05, THE GUARDRAIL END TREATMENT ET-PLUS MANUFACTURED BY TRINITY INDUSTRIES WILL NOT BE PERMITTED AS AN OPTION FOR BID ITEM "GUARDRAIL END TREATMENT TYPE I".

### 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 BY OPTION B.

### EDGE KEY

THIS WORK INCLUDES CUTTING OUT THE EXISTING ASPHALT SURFACE TO A MINIMUM DEPTH AND WIDTH AS DETAILED ELSEWHERE IN THE PLANS SO THAT THE NEW SURFACE MAY HEEL INTO THE EXISTING SURFACE. THE CONTRACT UNIT PRICE BID LINEAR FOOT FOR "EDGE KEY" INCLUDES ALL NECESSARY MATERIALS, LABOR AND EQUIPMENT NECESSARY TO PERFORM THE WORK AND DISPOSE OF THE REMOVED ASPHALT MATERIAL.

### TURF REINFORCEMENT MAT

SEE THE PROPOSAL ATTACHMENTS FOR THE SUPPLEMENTAL SPECIFICATIONS FOR ROLLED EROSION CONTROL PRODUCTS (RECP) SPECIFICATIONS FOR TURF REINFORCEMENT MATTING.

### SPECIFICATIONS

ALL CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO THE KENTUCKY TRANSPORTATION CABINET/DEPARTMENT OF HIGHWAYS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION) AND THE KENTUCKY DEPARTMENT OF HIGHWAYS STANDARD DRAWINGS.

### SALVAGE EXISTING MATERIALS

SALVAGE EXISTING MATERIAL AS PER SECTION 719.03.07, EXCEPT THAT THE CONTRACTOR SHALL DELIVER EXISTING SALVAGED GUARDRAIL SYSTEM MATERIALS TO THE CENTRAL SIGN SHOP AND RECYCLE CENTER AT 1224 WILKINSON BLVD IN FRANKFORT, KY. CONTACT SECTION SUPERVISOR AT (502) 564-8187 TO SCHEDULE THE DELIVERY OF MATERIAL. DELIVER THE MATERIAL BETWEEN THE HOURS OF 8:00 AM AND 3:00 PM, MONDAY THROUGH FRIDAY. REMOVE ANY EXISTING GUARDRAIL WITH A LANE CLOSURE IN PLACE. DO NOT LEAVE THE AREA UNPROTECTED. AFTER THE GUARDRAIL IS REMOVED, A SHOULDER CLOSURE SHALL REMAIN IN PLACE UNTIL THE GUARDRAIL IS REPLACED IN THAT AREA.

### PROPOSAL ATTACHMENTS:

SPECIAL NOTE 11D ROCK BLASTING

SPECIAL NOTE FOR PORTABLE CHANGEABLE MESSAGE SIGN

SPECIAL NOTE FOR TURF REINFORCEMENT MAT

SPECIAL NOTE NO. 1

THE CONTRACTOR SHOULD ARRANGE A MEETING WITH DISTRICT 12 TRAFFIC - CONTACT: KEITH COLEMAN (606-454-6766), DISTRICT 12 UTILITIES - DAVE SKEENS (606-533-7791), AND KY POWER COMPANY - BILL JOHNSON (606-437-3823) TO DISCUSS THE TIMING FOR THE REPLACEMENT OF THE SCHOOL SAFETY ZONE LIGHTS LOCATED NEAR STATIONS 11+50 AND 33+70.

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REVISED 12-4-14

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SCHOOL ENTRANCE - DITCH CONST. NOTES - LT. & RT.

STATIONS	SIZE/SHAPE	LINING	QUANTITY	D	T	TY. I GEO. FABRIC
LT. 47+68 TO LT. 48+25 +/-	NORMAL DT.	CLASS II	35.3 TONS	1.0'	1.25'	56.4 SY
LT. 48+25 +/- TO LT. 49+68	NORMAL DT.	NATURAL ROCK	--	--	--	--
RT. 47+68 TO RT. 48+00	2' F.B. SPEC. DT.	CLASS II	20.6 TONS	1.0'	1.25'	33.0 SY
RT. 48+00 TO RT. 48+50	NORMAL DT.	CLASS II	29.0 TONS	1.0'	1.25'	46.4 SY
RT. 48+50 TO RT. 49+68	NORMAL DT.	NATURAL ROCK	--	--	--	--
RT. 47+68	2' F.B. OUTLET DT.	CLASS II	5.0 TONS	1.0'	1.25'	8.0 SY

US 460 MILLARD CURVE - DITCH CONST. NOTES - LT.

STATIONS	SIZE/SHAPE	LINING	QUANTITY	D	T	TY. I GEO. FABRIC
15+00 TO 17+00	2' F.B. SPEC. DT.	CLASS II	162.6 TONS	1.0'	1.25'	260.2 SY
17+00 TO 17+51.9	NORMAL DT.	CLASS II	39.7 TONS	1.0'	1.25'	63.6 SY
17+84.3 TO 20+00	NORMAL DT.	NATURAL ROCK	--	--	--	--
20+55 TO 21+75 +/-	NORMAL DT.	NATURAL ROCK	--	--	--	--
21+75 +/- TO 23+50	NORMAL DT.	ECB	307.9 SY	1.5'	--	--

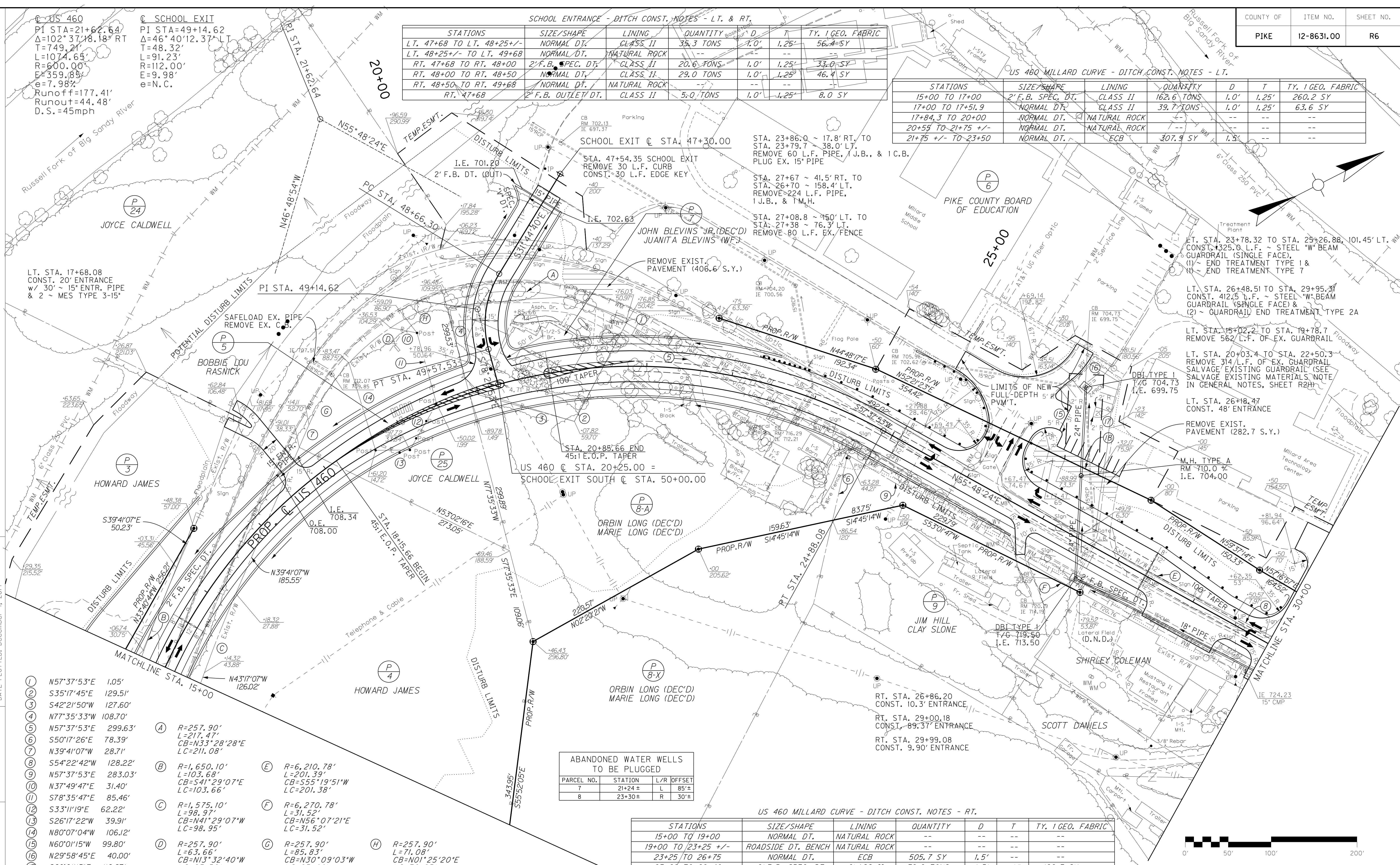
US 460 MILLARD CURVE - DITCH CONST. NOTES - RT.

STATIONS	SIZE/SHAPE	LINING	QUANTITY	D	T	TY. I GEO. FABRIC
15+00 TO 19+00	NORMAL DT.	NATURAL ROCK	--	--	--	--
19+00 TO 23+25 +/-	ROADSIDE DT. BENCH	NATURAL ROCK	--	--	--	--
23+25 TO 26+75	NORMAL DT.	ECB	505.7 SY	1.5'	--	--
27+68 TO 28+40	2' F.B. SPEC. DT.	CLASS II	79.2 TONS	1.5'	1.25'	126.7 SY

US 460  
 PI STA=21+62.64  
 $\Delta=102^{\circ}37'48.18"$  RT  
 T=749.21'  
 L=1074.65'  
 R=600.00'  
 E=359.85'  
 e=7.98%  
 Runoff=177.41'  
 Runout=44.48'  
 D.S.=45mph

SCHOOL EXIT  
 PI STA=49+14.62  
 $\Delta=46^{\circ}40'12.37"$  LT  
 T=48.32'  
 L=91.23'  
 R=112.00'  
 E=9.98'  
 e=N.C.

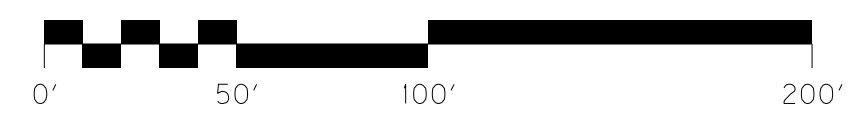
FILE NAME: U:\1102 PIKE CO ELECTRONIC SUBMITTAL\CONTRACT PLANS AND PROPOSAL\CONTRACT PLAN SET\ROADWAY\RO0600PL.DGN  
 USERS: Ighnthum  
 DATE PLOTTED: December 1, 2014  
 E-SHEET NAME: RO0600PL  
 MicroStation v8.11.7.443



- 1 N57°37'53"E 1.05'
  - 2 S35°17'45"E 129.51'
  - 3 S42°21'50"W 127.60'
  - 4 N77°35'33"W 108.70'
  - 5 N57°37'53"E 299.63'
  - 6 S50°17'26"E 78.39'
  - 7 N39°41'07"W 28.71'
  - 8 S54°22'42"W 128.22'
  - 9 N57°37'53"E 283.03'
  - 10 N37°49'47"E 31.40'
  - 11 S78°35'47"E 85.46'
  - 12 S33°11'19"E 62.22'
  - 13 S26°17'22"W 39.91'
  - 14 N80°07'04"W 106.12'
  - 15 N60°01'15"W 99.80'
  - 16 N29°58'45"E 40.00'
  - 17 S60°01'15"E 116.27'
  - 18 S52°21'23"W 43.26'
- (A) R=257.90'  
 L=217.47'  
 CB=N33°28'28"E  
 LC=211.08'
- (B) R=1,650.10'  
 L=103.68'  
 CB=S41°29'07"E  
 LC=103.66'
- (C) R=1,575.10'  
 L=98.97'  
 CB=N41°29'07"W  
 LC=98.95'
- (D) R=257.90'  
 L=63.66'  
 CB=N13°32'40"W  
 LC=63.50'
- (E) R=6,210.78'  
 L=201.39'  
 CB=S55°19'51"W  
 LC=201.38'
- (F) R=6,270.78'  
 L=31.52'  
 CB=N56°07'21"E  
 LC=31.52'
- (G) R=257.90'  
 L=85.83'  
 CB=N30°09'03"W  
 LC=85.44'
- (H) R=257.90'  
 L=71.08'  
 CB=N01°25'20"E  
 LC=70.85'

ABANDONED WATER WELLS TO BE PLUGGED

PARCEL NO.	STATION	L/R	OFFSET
7	21+24±	L	85±
8	23+30±	R	30±



US 460 - MILLARD CURVE  
 MAINLINE PLAN  
 STA. 15+00 TO STA. 30+00

SCALE: 1"=50'

REVISED 12-4-14

SCHOOL ENTRANCE - DITCH CONST. NOTES - LT. & RT.

STATIONS	SIZE/SHAPE	LINING	QUANTITY	D	T	TY. I GEO. FABRIC
LT. 47+68 TO LT. 48+25+/-	NORMAL DT.	CLASS II	35.3 TONS	1.0'	1.25'	56.4 SY
LT. 48+25+/- TO LT. 49+68	NORMAL DT.	NATURAL ROCK	--	--	--	--
RT. 47+68 TO RT. 48+00	2' F.B. SPEC. DT.	CLASS II	20.6 TONS	1.0'	1.25'	33.0 SY
RT. 48+00 TO RT. 48+50	NORMAL DT.	CLASS II	29.0 TONS	1.0'	1.25'	46.4 SY
RT. 48+50 TO RT. 49+68	NORMAL DT.	NATURAL ROCK	--	--	--	--
RT. 47+68	2' F.B. OUTLET DT.	CLASS II	5.0 TONS	1.0'	1.25'	8.0 SY

US 460 MILLARD CURVE - DITCH CONST. NOTES - LT.

STATIONS	SIZE/SHAPE	LINING	QUANTITY	D	T	TY. I GEO. FABRIC
15+00 TO 17+00	2' F.B. SPEC. DT.	CLASS II	162.6 TONS	1.0'	1.25'	260.2 SY
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17+84.3 TO 20+00	NORMAL DT.	NATURAL ROCK	--	--	--	--
20+55 TO 21+75 +/-	NORMAL DT.	NATURAL ROCK	--	--	--	--
21+75 +/- TO 23+50	NORMAL DT.	ECB	307.9 SY	1.5'	--	--

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8	23+30 ±	R	30' ±

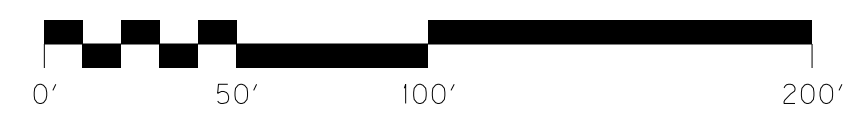
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 L=1074.65'  
 R=600.00'  
 E=359.85'  
 e=7.98%  
 Runoff=177.41'  
 Runout=44.48'  
 D.S.=45mph

SCHOOL EXIT  
 P1 STA=49+14.62  
 Δ=46°40'12.37" LT  
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 L=91.23'  
 R=112.00'  
 E=9.98'  
 e=N.C.

LT. STA. 17+68.08  
 CONST. 20' ENTRANCE  
 W/ 30' ~ 15' ENTR. PIPE  
 & 2' ~ MES TYPE 3-15'

- 1 N57°37'53"E 1.05'
  - 2 S35°17'45"E 129.51'
  - 3 S42°21'50"W 127.60'
  - 4 N77°35'33"W 108.70'
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 DATE PLOTTED: December 1, 2014  
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SCALE: 1"=50'

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 MAINLINE PLAN  
 STA. 15+00 TO STA. 30+00

## RIGHT OF WAY SUMMARY

PARCEL NO.	OWNER(S)	TOTAL AREA OF TRACT		PERMANENT R/W ACQUIRED		EASEMENTS		AREA SEVERED				EXCESS PURCHASED		PORTION REMAINING		SEWER SYSTEM TYPE	SEWER SYSTEM AFFECTED BY PROJECT		BUILDINGS ACQUIRED NUMBER				SOURCE OF TITLE	REMARKS*
		ACRES	SQ. FT.	ACRES	SQ. FT.	PERMANENT SQ. FT.	TEMPORARY SQ. FT.	LEFT		RIGHT		ACRES	SQ. FT.	ACRES	SQ. FT.		YES	NO	C	R	F	S		
								ACRES	SQ. FT.	ACRES	SQ. FT.													
1	NOT USED																							
2	NOT USED																							
3	HOWARD JAMES	3.932 (2)	171,287	0.187	8,157	1,440	60,790							3.745	163,130	4							DB 710 PG 325	
4	HOWARD JAMES	3.465 (2)	150,914	3.465	150,914									0	0	4							DB 710 PG 325	
5	BOBBIE LOU RASNICK	0.230 (2)	10,037	0.230	10,037									0	0	4							DB 583 PG 254 Cemetery - 8 Graves	
6	PIKE COUNTY BOARD OF EDUCATION	16.915 (2)	736,814	1.026	44,687	4,321	66,374							15.889	692,127	1		✓					DB 492 PG 131 DB 423 PG 252	
7	JOHN BLEVINS, JR. (DEC'D) JUANITA BLEVINS (WF.)	0.507 (2)	22,070	0.507	22,070									0	0	1	✓			1		2	DB 546 PG 503	
8	ORBIN LONG (DEC'D) MARIE LONG (WF. - DEC'D)	5.197 (2)	226,393	1.941	84,549							3.256	141,844	0	0	1	✓			3	1	4	DB 232 PG 459	
9	JIM HILL CLAY SLONE	1.103 (2)	48,047	0.130	5,662									0.973	42,385	1		✓					DB 718 PG 308	
10	NOT USED																							
11	JAMES HARVEY COLEMAN DELORIS COLEMAN (WF.)	2.855 (4)	124,364	0.239	10,430		69,120							2.616	113,934	1		✓					DB 815 PG 237	
12	JACK E. SLONE SUE SLONE (WF.)	10.543 (2)	459,242	0.413	17,998							10.130	441,244	0	0	1	✓			1		2	DB 899 PG 43	
13	LOIS C. BOGAR, ET AL.	0.940 (4)	40,940				23,041							0.940	40,940	1	✓			1			DB 486 PG 575 DB 248 PG 173 DB 137 PG 540 WB Y PG 199 DB 129 PG 46	
14	LOIS C. BOGAR, ET AL.	1.102 (4)	47,987				24,218							1.102	47,987	4					1		DB 699 PG 547	
15	ROY BOGAR LOIS C. BOGAR (WF.)	0.820 (4)	35,729				15,838							0.820	35,729	4							DB 698 PG 359	
16	RANDY LOONEY, PATRICIA SLONE, & SANDRA WILLIAMSON	0.815 (4)	35,500				14,628							0.815	35,500	4							DB 698 PG 343 DB 681 PG 216	
17	RILEY COLEMAN, JR.	0.670 (4)	29,178	0.004	169		11,107							0.666	29,009	4							DB 710 PG 794	
18	DENNIS B. COLEMAN (DEC'D) JEAN COLEMAN (WF.)	0.665 (4)	28,963	0.012	507		10,150							0.653	28,456	4							DB 699 PG 581	
19	MARTHA C. WARD	0.652 (4)	28,401	0.011	469		9,367							0.641	27,932	4							DB 701 PG 811	
20	CHARLES SMITH MARY SMITH (WF. - DEC'D)	0.635 (4)	27,658				8,835							0.635	27,658	4							DB 698 PG 351	
21	LOMAR V. & ZELDA COLEMAN (WF.) KEVIN ALLEN & GREGORY SCOTT COLEMAN	0.644 (4)	28,041	0.017	746		8,215					0.627	27,295	0	0	4							DB 830 PG 129 DB 708 PG 290	
22	GARY D. COLEMAN	0.645 (4)	28,104	0.037	1,602		7,842							0.608	26,502	4							DB PG	
23	WANDA MAYS	0.640 (4)	27,889	0.106	4,636	1,696	5,678							0.534	23,253	4							DB 698 PG 336	
24	JOYCE A. CALDWELL	2.908 (2)	126,682											2.908	126,682	4							DB 914 PG 409	
25	JAMES MARVIN GOFF	0.558 (2)	25,615	0.558	25,615									0	0	4							DB 444 PG 591 DB 437 PG 197 DB 298 PG 423	
26	PHILLIP ERVIN COLEMAN	0.571 (1)	24,852	0.003	118		13,588							0.568	24,734	4							DB 615 PG 128	
27	NOT USED																							
28	NOT USED																							
29	PALMER ADKINS GLORIA JEAN ADKINS (WF.)	2.167 (2)	94,376	1.664	72,460		21,916							0.503	21,916	1		✓				1	DB 942 PG 196	

FILE NAME: U:\1102 PIKE CO\ELECTRONIC SUBMITTAL\CONTRACT PLANS AND PROPOSAL\CONTRACT PLAN SET\ROADWAY\RO100RW.DGN  
 USER: lgh11num  
 DATE PLOTTED: December 1, 2014  
 E-SHEET NAME: RO100RW  
 MicroStation v8.11.7.443

NOTE: PERMANENT R/W ACQUIRED + AREA SEVERED = TOTAL AREA OF TRACT.

- ① BY DEED
- ② CALCULATED
- ③ PVA RECORD
- ④ RECORD PLAT

THE CONTROL OF ACCESS ON THIS PROJECT SHALL BE BY PERMIT.

- TYPE SEWER SYSTEM
1. PRIVATE - INDIVIDUAL
  2. PRIVATE - MULTI PARTY
  3. PUBLIC
  4. NONE
  5. NOT APPLICABLE

- BUILDINGS ACQUIRED CODE
- C - COMMERCIAL
  - R - RESIDENTIAL
  - F - FARM
  - S - STORAGE

\*INCLUDES HAZARDOUS WASTE (UST - UNDERGROUND STORAGE TANKS)

US 460 - MILLARD CURVE  
RIGHT OF WAY SUMMARY SHEET

REVISED 12-4-14

## RIGHT OF WAY SUMMARY

PARCEL NO.	OWNER(S)	TOTAL AREA OF TRACT		PERMANENT R/W ACQUIRED		EASEMENTS		AREA SEVERED				EXCESS PURCHASED		PORTION REMAINING		SEWER SYSTEM TYPE	SEWER SYSTEM AFFECTED BY PROJECT		BUILDINGS ACQUIRED NUMBER				SOURCE OF TITLE	REMARKS*
		ACRES	SQ. FT.	ACRES	SQ. FT.	PERMANENT SQ. FT.	TEMPORARY SQ. FT.	LEFT		RIGHT		ACRES	SQ. FT.	ACRES	SQ. FT.		YES	NO	C	R	F	S		
								ACRES	SQ. FT.	ACRES	SQ. FT.													
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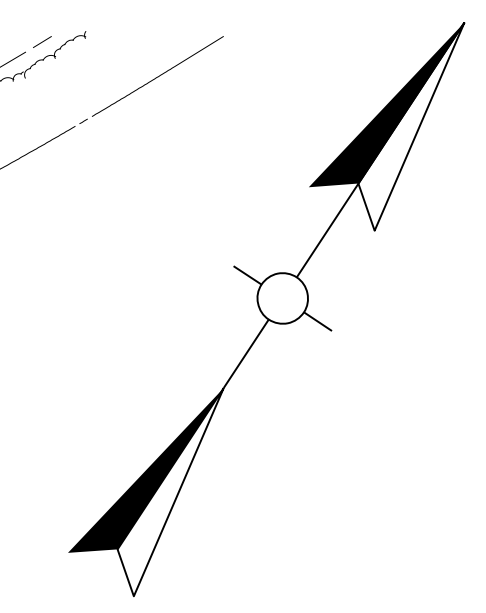
- BUILDINGS ACQUIRED CODE
- C - COMMERCIAL
  - R - RESIDENTIAL
  - F - FARM
  - S - STORAGE

\*INCLUDES HAZARDOUS WASTE (UST - UNDERGROUND STORAGE TANKS)

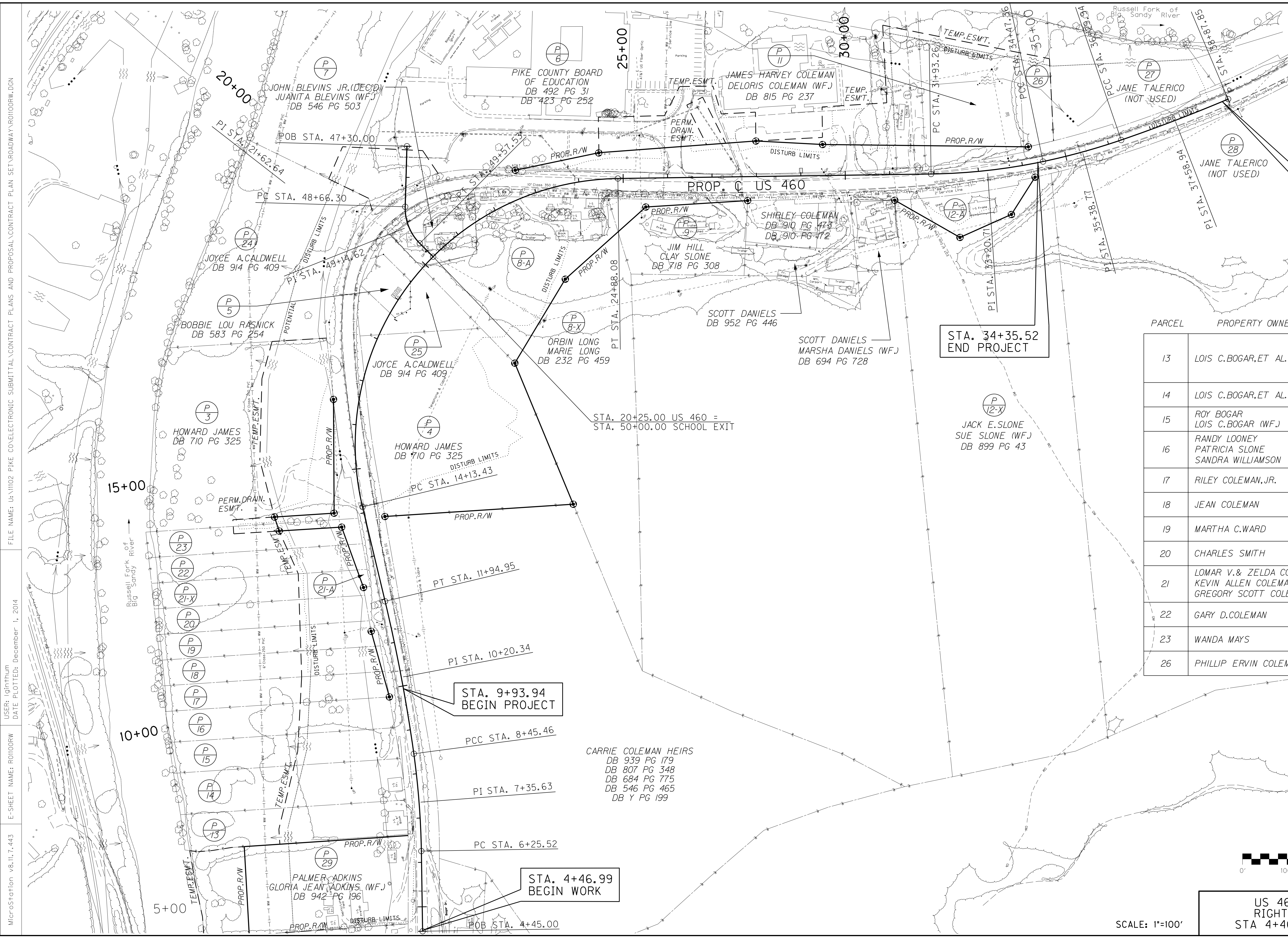
US 460 - MILLARD CURVE  
RIGHT OF WAY SUMMARY SHEET

MicroStation v8.11.7.443 E-SHEET NAME: R01000RW DATE PLOTTED: December 1, 2014 USER: lgh11num FILE NAME: U:\1102 PIKE CO\ELECTRONIC SUBMITTAL\CONTRACT PLANS AND PROPOSAL\CONTRACT PLAN SET\ROADWAY R01000RW.DGN

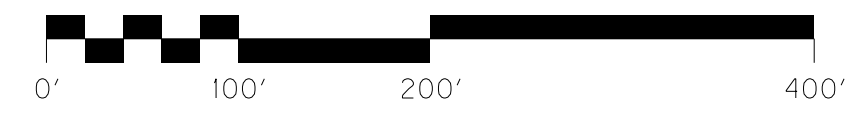
FILE NAME: U:\1102 PIKE CO\ELECTRONIC SUBMITTAL\CONTRACT PLANS AND PROPOSAL\CONTRACT PLAN SET\ROADWAY\ROI00RW.DGN  
 USER: ighnthum  
 DATE PLOTTED: December 1, 2014  
 E-SHEET NAME: ROI00RW  
 MicroStation v8.11.7.443



STA. 38+73.40  
END WORK



PARCEL	PROPERTY OWNER	DB/PG
13	LOIS C. BOGAR, ET AL.	DB 486 PG 575 DB 248 PG 173 DB 137 PG 540 DB 129 PG 046
14	LOIS C. BOGAR, ET AL.	DB 699 PG 547
15	ROY BOGAR LOIS C. BOGAR (WF.)	DB 698 PG 359
16	RANDY LOONEY PATRICIA SLONE SANDRA WILLIAMSON	DB 698 PG 343 DB 681 PG 216
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19	MARTHA C. WARD	DB 701 PG 811
20	CHARLES SMITH	DB 698 PG 351
21	LOMAR V. & ZELDA COLEMAN KEVIN ALLEN COLEMAN GREGORY SCOTT COLEMAN	DB 830 PG 129 DB 708 PG 290
22	GARY D. COLEMAN	DB PG
23	WANDA MAYS	DB 698 PG 336
26	PHILLIP ERVIN COLEMAN	DB 615 PG 128

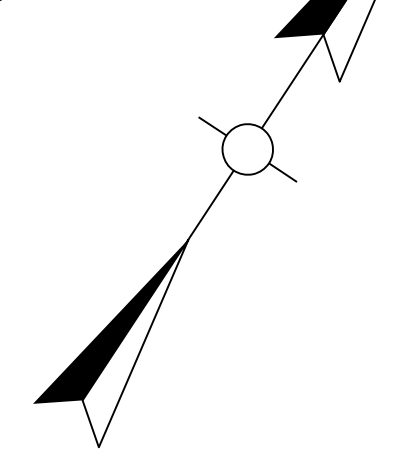


SCALE: 1"=100'

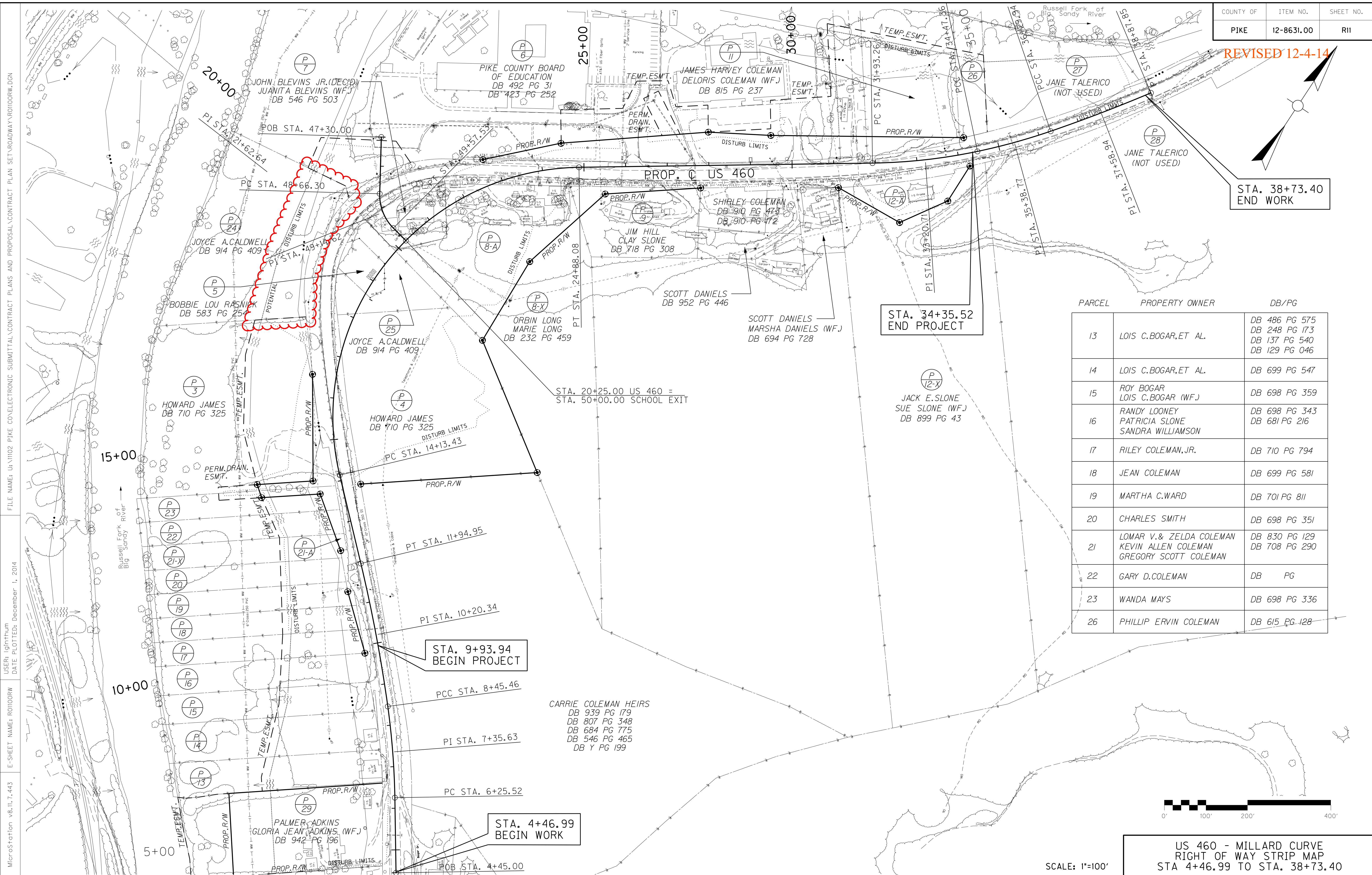
US 460 - MILLARD CURVE  
RIGHT OF WAY STRIP MAP  
STA 4+46.99 TO STA. 38+73.40



REVISED 12-4-14



STA. 38+73.40  
END WORK



FILE NAME: U:\1102 PIKE CO\ELECTRONIC SUBMITTAL\CONTRACT PLANS AND PROPOSAL\CONTRACT PLAN SET\ROADWAY\ROI00RW.DGN  
 USER: ighnthum  
 DATE PLOTTED: December 1, 2014  
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 MicroStation v8.11.7.443

PARCEL	PROPERTY OWNER	DB/PG
13	LOIS C. BOGAR, ET AL.	DB 486 PG 575 DB 248 PG 173 DB 137 PG 540 DB 129 PG 046
14	LOIS C. BOGAR, ET AL.	DB 699 PG 547
15	ROY BOGAR LOIS C. BOGAR (WF.)	DB 698 PG 359
16	RANDY LOONEY PATRICIA SLONE SANDRA WILLIAMSON	DB 698 PG 343 DB 681 PG 216
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20	CHARLES SMITH	DB 698 PG 351
21	LOMAR V. & ZELDA COLEMAN KEVIN ALLEN COLEMAN GREGORY SCOTT COLEMAN	DB 830 PG 129 DB 708 PG 290
22	GARY D. COLEMAN	DB PG
23	WANDA MAYS	DB 698 PG 336
26	PHILLIP ERVIN COLEMAN	DB 615 PG 128

STA. 34+35.52  
END PROJECT

STA. 9+93.94  
BEGIN PROJECT

STA. 4+46.99  
BEGIN WORK



SCALE: 1"=100'

US 460 - MILLARD CURVE  
RIGHT OF WAY STRIP MAP  
STA 4+46.99 TO STA. 38+73.40

# MAINTENANCE OF TRAFFIC NOTES

## GENERAL NOTES

- TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE STANDARD DRAWINGS, CURRENT EDITIONS.
- EXCEPT FOR THE ROADWAY AND TRAFFIC CONTROL BID ITEMS LISTED, ALL ITEMS OF WORK NECESSARY TO MAINTAIN AND CONTROL TRAFFIC WILL BE PAID AT THE LUMP SUM BID PRICE TO "MAINTAIN AND CONTROL TRAFFIC" AS SET FORTH IN THE CURRENT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION UNLESS OTHERWISE PROVIDED FOR IN THESE NOTES. THE LUMP SUM BID TO "MAINTAIN AND CONTROL TRAFFIC" SHALL ALSO INCLUDE, BUT IS NOT LIMITED TO, THE FOLLOWING ITEMS AND OPERATIONS:
  - ALL GRADING AND NECESSARY DRAINAGE (UNLESS A BID ITEM FOR DIVERSION CONSTRUCTION IS INCLUDED) FOR THE TEMPORARY ROADWAY AND REMOVAL THEREOF, WHEN IT IS NO LONGER NEEDED. IF A BID ITEM FOR DIVERSION CONSTRUCTION IS INCLUDED, GRADING & DRAINAGE WILL BE PAID FOR IN THE BID ITEM "DIVERSION CONSTRUCTION".
  - ALL LABOR AND MATERIALS NECESSARY FOR CONSTRUCTION AND MAINTENANCE OF TRAFFIC CONTROL DEVICES AND MARKINGS.
  - ALL FLAGPERSONS AND TRAFFIC CONTROL DEVICES SUCH AS, BUT NOT LIMITED TO, FLASHERS, SIGNS, BARRICADES AND VERTICAL PANELS, PLASTIC DRUMS (STEEL DRUMS WILL NOT BE PERMITTED) AND CONES NECESSARY FOR THE CONTROL AND PROTECTION OF VEHICULAR AND PEDESTRIAN TRAFFIC AS SPECIFIED IN THESE NOTES, THE PLANS, THE MUTCD OR THE ENGINEER.
- ANY TEMPORARY TRAFFIC CONTROL ITEMS, DEVICES, MATERIALS AND INCIDENTALS SHALL REMAIN THE PROPERTY OF THE CONTRACTOR WHEN NO LONGER NEEDED.
- THE CONTRACTOR SHALL MAINTAIN A TWO-LANE TRAVELED WAY WITH A MINIMUM LANE WIDTH OF 11 FEET. HOWEVER, DURING WORKING HOURS, ONE-WAY TRAFFIC MAY BE ALLOWED AT THE DISCRETION OF THE ENGINEER, PROVIDED ADEQUATE SIGNING AND FLAGPERSONS ARE AT THE LOCATION.
- THE CONTRACTOR SHALL COMPLETELY COVER ANY SIGNS, EITHER EXISTING, PERMANENT OR TEMPORARY, WHICH DO NOT PROPERLY APPLY TO THE CURRENT TRAFFIC PHASING, AND SHALL MAINTAIN THE COVERING UNTIL THE SIGNS ARE APPLICABLE OR ARE REMOVED.
- IN GENERAL, ALL TRAFFIC CONTROL DEVICES SHALL BE PLACED STARTING AND PROCEEDING IN THE DIRECTION OF THE FLOW OF TRAFFIC AND REMOVED STARTING AND PROCEEDING IN THE DIRECTION OPPOSITE THE FLOW OF TRAFFIC.
- THE ENGINEER AND THE CONTRACTOR, OR THEIR AUTHORIZED REPRESENTATIVES, SHALL REVIEW THE SIGNING BEFORE TRAFFIC IS ALLOWED TO USE ANY LANE CLOSURES, CROSSOVERS OR DIVERSIONS. ALL SIGNING SHALL BE APPROVED BY THE ENGINEER BEFORE WORK CAN BE STARTED BY THE CONTRACTOR.
- IF THE CONTRACTOR DESIRES TO DEVIATE FROM THE TRAFFIC CONTROL SCHEME AND CONSTRUCTION SCHEDULE OUTLINED IN THESE PLANS AND THIS PROPOSAL, HE SHALL PREPARE AN ALTERNATE PLAN AND PRESENT IT IN WRITING TO THE ENGINEER. THIS ALTERNATE PLAN CAN BE USED ONLY AFTER REVIEW AND APPROVAL OF THE DIVISIONS OF TRAFFIC, DESIGN AND CONSTRUCTION, AND THE FEDERAL HIGHWAY ADMINISTRATION, WHERE APPLICABLE.
- IF TRAFFIC SHOULD BE STOPPED DUE TO CONSTRUCTION OPERATIONS AND AN EMERGENCY VEHICLE ON AN OFFICIAL EMERGENCY RUN ARRIVES AT THE SCENE, THE CONTRACTOR SHALL MAKE THE PROVISIONS FOR THE PASSAGE OF THAT VEHICLE AS QUICKLY AS POSSIBLE.
- ALL SIGNS NECESSARY FOR A MARKED DIVERSION WILL BE PROVIDED BY THE CONTRACTOR AS REQUIRED BY STANDARD DRAWINGS AND THE MUTCD.
- 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.
- CONSTRUCT EROSION CONTROLS AT POINTS WHERE RUNOFF LEAVES THE PROJECT SITE.
- BEGIN EARTHWORK, UTILIZING TEMPORARY DIVERSION DITCHES TO DIRECT RUNOFF TO EROSION CONTROLS. REPAIR AND/OR UPGRADE PAVEMENT ALONG AND ACROSS EXISTING ROADS WHERE CONSTRUCTION TRAFFIC CROSSES.
- PORTABLE CHANGEABLE MESSAGE SIGN TO BE INSTALLED 1 WEEK IN ADVANCE OF BLASTING OPERATIONS. CONTRACTOR TO NOTIFY KYTC 10 DAYS IN ADVANCE OF BLASTING.
- PLASTIC DRUMS WILL BE PLACED TO SEPARATE TRAFFIC IN ACCORDANCE WITH MUTCD GUIDELINES (SPACING OF 2 X SPEED LIMIT) IN CONSTRUCTION AREAS.
- THERE WILL BE NO DIRECT PAYMENT FOR SHIFTING/RELOCATING TEMPORARY CRASH CUSHIONS; THIS WILL BE INCIDENTAL TO THE CRASH CUSHION PAY ITEM.
- PAVEMENT STRUCTURE FOR TEMPORARY PAVEMENT WIDENING (PHASE 2A) SHALL BE THE SAME AS THE DIVERSION (SEE TYPICAL SECTIONS SHEET R2C).
- THERE SHALL BE NO ROAD CLOSURES BETWEEN THE HOURS OF 6:30-8:30 A.M. AND 2:30-4:30 PM (SCHOOL YEAR ONLY).
- THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING UTILITIES DURING BLASTING OPERATIONS.
- IF TRAFFIC BECOMES TOO CONGESTED THE ENGINEER CAN HALT OPERATION UNTIL TRAFFIC CLEARS BOTH DIRECTIONS. THERE WILL BE NO REIMBURSEMENT FOR TIME OR MONEY.
- THE CONTRACTOR SHALL USE ONLY ONE DESIGNATED CROSSING, AS DEFINED BY THE ENGINEER, FOR HAULING MATERIALS ACROSS US 460.
- CONSTRUCTION AND OPENING OF THE DIVERSION SHOULD TAKE NO LONGER THAN 42 CALENDAR DAYS. (SEE LIQUIDATED DAMAGES AND DISINCENTIVES.)

## LANE CLOSURE

WHEN CONSTRUCTION WITHIN 8 FEET OF THE TRAVELED WAY IS IN PROGRESS AND/OR WHEN INSTALLING BARRIER WALL ADJACENT TO A TRAVELED WAY, ONE LANE MAY BE CLOSED. LANE CLOSURES SHALL ONLY BE ALLOWED AS OUTLINED IN THESE TRAFFIC CONTROL NOTES.

ONCE CONSTRUCTION ADJACENT TO A TRAVELED WAY HAS BEGUN, THAT CONSTRUCTION SHALL BE EXPEDITED UNTIL COMPLETED.

CONTRARY TO THE SPECIFICATIONS LANE CLOSURE WILL NOT BE A PAY ITEM ON THIS CONTRACT AND ALL SIGNS, LABOR, DELINEATORS, ETC. FOR LANE CLOSURES SHALL BE INCIDENTAL TO THE BID ITEM "MAINTAIN & CONTROL TRAFFIC".

## SPEED LIMIT

THE SPEED LIMIT SHALL BE REDUCED TO 20 MPH THROUGH THE DIVERSION AND MILLARD CURVE & 20 MPH THROUGH THE REST OF THE PORTIONS OF THE WORK ZONE. REDUCE SPEED AHEAD SIGNS (9R2-5A) AND SPEED LIMIT SIGNS (R2-1) SHALL BE INSTALLED BOTH EASTBOUND AND WESTBOUND. PAYMENT FOR THESE SIGNS SHALL BE MADE AT THE CONTRACT UNIT BID PRICE "SIGNS".

## HOLIDAYS AND SPECIAL EVENTS

LISTED BELOW ARE DATES AND TIMES FOR HOLIDAYS AND SPECIAL EVENTS WHEN ROAD CLOSURES, LANE CLOSURES AND BLASTING WILL NOT BE ALLOWED.

2015	
EASTER	6:00 A.M. APRIL 3, 2015 TO 6:00 A.M. APRIL 6, 2015
MEMORIAL DAY	6:00 A.M. MAY 22, 2015 TO 6:00 A.M. MAY 26, 2015
JULY 4TH	6:00 A.M. JULY 3, 2015 TO 6:00 A.M. JULY 6, 2015
LABOR DAY	6:00 A.M. SEPT. 4, 2015 TO 6:00 A.M. SEPT. 8, 2015

FUTURE HOLIDAY DATES WHEN LANE CLOSURES WILL NOT BE ALLOWED SHALL BE DETERMINED BY THE DEPARTMENT IF NECESSARY, COMPARABLE TO ABOVE DATES. THE ABOVE DATES ARE SUBJECT TO CHANGE IF THE DEPARTMENT DEEMS IT NECESSARY.

## BLASTING OPERATIONS

DURING BLASTING OPERATION, TRAFFIC MAY BE HALTED A MAXIMUM OF 15 MINUTES PER HOUR TO ALLOW THE EXECUTION OF THE "SHOT" AND TO REMOVE ALL ROCK FRAGMENTS AND DEBRIS FROM THE TRAVELED WAY. THE CONTRACTOR, WHEN USING EXPLOSIVES OF ANY KIND, FOR THE PURPOSE OF EXCAVATING AND REMOVAL SHALL HALT THE TRAFFIC A SAFE DISTANCE FROM THE IMPENDING EXPLOSION. THE CONTRACTOR SHALL IMMEDIATELY INSPECT THE PAVEMENTS FOR ANY DEBRIS THAT MAY BE A HAZARD TO TRAFFIC BEFORE ALLOWING THE TRAFFIC TO PROCEED. LISTED BELOW ARE THE PERIODS OF TIME EACH DAY THAT TRAFFIC MAY BE HALTED FOR BLASTING:

SCHOOL YEAR ONLY		SUMMER MONTHS	
MONDAY	9:00 AM TO 2:30 PM	MONDAY	8:30 AM TO 4:30 PM & 6:30 PM TO *DUSK
TUESDAY	9:00 AM TO 2:30 PM	TUESDAY	8:30 AM TO 4:30 PM & 6:30 PM TO *DUSK
WEDNESDAY	9:00 AM TO 2:30 PM	WEDNESDAY	8:30 AM TO 4:30 PM & 6:30 PM TO *DUSK
THURSDAY	9:00 AM TO 2:30 PM	THURSDAY	8:30 AM TO 4:30 PM & 6:30 PM TO *DUSK
FRIDAY	9:00 AM TO 2:30 PM	FRIDAY	8:30 AM TO 4:30 PM & 6:30 PM TO *DUSK
SATURDAY	9:00 AM TO 2:30 PM	SATURDAY	8:30 AM TO 4:30 PM & 6:30 PM TO *DUSK

\*DETERMINED BY ENGINEER

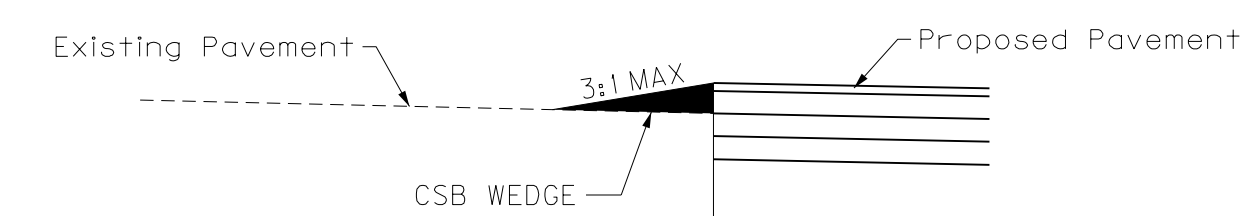
## PAVEMENT DROP-OFF

A PAVEMENT EDGE THAT TRAFFIC IS NOT EXPECTED TO CROSS, EXCEPT ACCIDENTALLY, SHOULD BE TREATED AS FOLLOWS:

- LESS THAN TWO INCHES - NO PROTECTION REQUIRED. WARNING SIGNS SHOULD BE PLACED IN ADVANCE AND THROUGHOUT THE DROP-OFF AREA.
- TWO TO FOUR INCHES - PLASTIC DRUMS, VERTICAL PANELS OR BARRICADES EVERY 100 FEET ON TANGENT SECTIONS FOR SPEEDS OF 50 MPH OR GREATER. CONES MAY BE USED IN PLACE OF PLASTIC DRUMS, PANELS AND BARRICADES DURING DAYLIGHT HOURS. FOR TANGENT SECTIONS WITH SPEEDS LESS THAN 50 MPH AND FOR CURVES, DEVICES SHOULD BE PLACED EVERY 50 FEET. SPACING OF DEVICES ON TAPERED SECTIONS SHOULD BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION.
- GREATER THAN FOUR INCHES - POSITIVE SEPARATION OR WEDGE WITH 3:1 OR FLATTER SLOPE NEEDED. IF THERE IS FIVE FEET OR MORE DISTANCE BETWEEN THE EDGE OF THE PAVEMENT AND THE DROP-OFF, THEN DRUMS, PANEL, OR BARRICADES MAY BE USED. IF THE DROP-OFF IS GREATER THAN 12 INCHES, POSITIVE SEPARATION IS STRONGLY ENCOURAGED. IF CONCRETE BARRIERS ARE USED, SPECIAL REFLECTIVE DEVICES OR STEADY BURN LIGHTS SHOULD BE USED FOR OVERNIGHT INSTALLATIONS.

FOR TEMPORARY CONDITIONS, DROP-OFFS GREATER THAN FOUR INCHES MAY BE PROTECTED WITH PLASTIC DRUMS, VERTICAL PANELS OR BARRICADES FOR SHORT DISTANCES DURING DAYLIGHT HOURS WHILE WORK IS BEING DONE IN THE DROP-OFF AREA.

PAYMENT WILL BE ALLOWED FOR CSB MATERIAL USED FOR WEDGING (PAY ITEM No. 3).



**TEMPORARY PAVEMENT WEDGE DETAIL**

## LIQUIDATED DAMAGES AND DISINCENTIVES

THE FOLLOWING DAMAGES SHALL BE ASSESSED IF ROAD CLOSURES ARE KEPT FOR LONGER THAN 15 MINUTES.

15 TO 30 MINUTES	\$1,000.00
30 TO 45 MINUTES	\$2,000.00
45 TO 60 MINUTES	\$4,000.00

ALL ROAD CLOSURES LEFT IN PLACE FOR MORE THAN 60 MINUTES WILL BE ASSESSED DAMAGES OF \$4,000.00 PER HOUR OR FRACTION THEREOF.

DISINCENTIVES OF \$1,300.00 PER LANE CLOSURE PER HOUR WILL BE CHARGED FOR EACH HOUR OR FRACTION OF AN HOUR THAT TWO LANES IN EACH DIRECTION ARE NOT OPEN UNLESS SPECIFIED IN THE PHASING NOTES ON SHEET R14. THE SECOND HOUR OR FRACTION THEREOF WILL BE ASSESSED AT THE RATE OF \$2,600.00 PER HOUR. THE THIRD HOUR OR FRACTION THEREOF AND ALL ADDITIONAL HOURS SHALL BE ASSESSED AT THE RATE OF \$4,000.00 PER HOUR.

DISINCENTIVES OF \$4,200.00 PER DAY WILL BE CHARGED FOR EACH DAY OR FRACTION THEREOF THAT THE DIVERSION IS NOT OPEN TO TRAFFIC AFTER 42 CALENDAR DAYS.

# MAINTENANCE OF TRAFFIC NOTES

## GENERAL NOTES

- TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE STANDARD DRAWINGS, CURRENT EDITIONS.
- EXCEPT FOR THE ROADWAY AND TRAFFIC CONTROL BID ITEMS LISTED, ALL ITEMS OF WORK NECESSARY TO MAINTAIN AND CONTROL TRAFFIC WILL BE PAID AT THE LUMP SUM BID PRICE TO "MAINTAIN AND CONTROL TRAFFIC" AS SET FORTH IN THE CURRENT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION UNLESS OTHERWISE PROVIDED FOR IN THESE NOTES. THE LUMP SUM BID TO "MAINTAIN AND CONTROL TRAFFIC" SHALL ALSO INCLUDE, BUT IS NOT LIMITED TO, THE FOLLOWING ITEMS AND OPERATIONS:
  - ALL GRADING AND NECESSARY DRAINAGE (UNLESS A BID ITEM FOR DIVERSION CONSTRUCTION IS INCLUDED) FOR THE TEMPORARY ROADWAY AND REMOVAL THEREOF, WHEN IT IS NO LONGER NEEDED. IF A BID ITEM FOR DIVERSION CONSTRUCTION IS INCLUDED, GRADING & DRAINAGE WILL BE PAID FOR IN THE BID ITEM "DIVERSION CONSTRUCTION".
  - ALL LABOR AND MATERIALS NECESSARY FOR CONSTRUCTION AND MAINTENANCE OF TRAFFIC CONTROL DEVICES AND MARKINGS.
  - ALL FLAGPERSONS AND TRAFFIC CONTROL DEVICES SUCH AS, BUT NOT LIMITED TO, FLASHERS, SIGNS, BARRICADES AND VERTICAL PANELS, PLASTIC DRUMS (STEEL DRUMS WILL NOT BE PERMITTED) AND CONES NECESSARY FOR THE CONTROL AND PROTECTION OF VEHICULAR AND PEDESTRIAN TRAFFIC AS SPECIFIED IN THESE NOTES, THE PLANS, THE MUTCD OR THE ENGINEER.
- ANY TEMPORARY TRAFFIC CONTROL ITEMS, DEVICES, MATERIALS AND INCIDENTALS SHALL REMAIN THE PROPERTY OF THE CONTRACTOR WHEN NO LONGER NEEDED.
- THE CONTRACTOR SHALL MAINTAIN A TWO-LANE TRAVELED WAY WITH A MINIMUM LANE WIDTH OF 11 FEET. HOWEVER, DURING WORKING HOURS, ONE-WAY TRAFFIC MAY BE ALLOWED AT THE DISCRETION OF THE ENGINEER, PROVIDED ADEQUATE SIGNING AND FLAGPERSONS ARE AT THE LOCATION.
- THE CONTRACTOR SHALL COMPLETELY COVER ANY SIGNS, EITHER EXISTING, PERMANENT OR TEMPORARY, WHICH DO NOT PROPERLY APPLY TO THE CURRENT TRAFFIC PHASING, AND SHALL MAINTAIN THE COVERING UNTIL THE SIGNS ARE APPLICABLE OR ARE REMOVED.
- IN GENERAL, ALL TRAFFIC CONTROL DEVICES SHALL BE PLACED STARTING AND PROCEEDING IN THE DIRECTION OF THE FLOW OF TRAFFIC AND REMOVED STARTING AND PROCEEDING IN THE DIRECTION OPPOSITE THE FLOW OF TRAFFIC.
- THE ENGINEER AND THE CONTRACTOR, OR THEIR AUTHORIZED REPRESENTATIVES, SHALL REVIEW THE SIGNING BEFORE TRAFFIC IS ALLOWED TO USE ANY LANE CLOSURES, CROSSOVERS OR DIVERSIONS. ALL SIGNING SHALL BE APPROVED BY THE ENGINEER BEFORE WORK CAN BE STARTED BY THE CONTRACTOR.
- IF THE CONTRACTOR DESIRES TO DEVIATE FROM THE TRAFFIC CONTROL SCHEME AND CONSTRUCTION SCHEDULE OUTLINED IN THESE PLANS AND THIS PROPOSAL, HE SHALL PREPARE AN ALTERNATE PLAN AND PRESENT IT IN WRITING TO THE ENGINEER. THIS ALTERNATE PLAN CAN BE USED ONLY AFTER REVIEW AND APPROVAL OF THE DIVISIONS OF TRAFFIC, DESIGN AND CONSTRUCTION, AND THE FEDERAL HIGHWAY ADMINISTRATION, WHERE APPLICABLE.
- IF TRAFFIC SHOULD BE STOPPED DUE TO CONSTRUCTION OPERATIONS AND AN EMERGENCY VEHICLE ON AN OFFICIAL EMERGENCY RUN ARRIVES AT THE SCENE, THE CONTRACTOR SHALL MAKE THE PROVISIONS FOR THE PASSAGE OF THAT VEHICLE AS QUICKLY AS POSSIBLE.
- ALL SIGNS NECESSARY FOR A MARKED DIVERSION WILL BE PROVIDED BY THE CONTRACTOR AS REQUIRED BY STANDARD DRAWINGS AND THE MUTCD.
- 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.
- CONSTRUCT EROSION CONTROLS AT POINTS WHERE RUNOFF LEAVES THE PROJECT SITE.
- BEGIN EARTHWORK, UTILIZING TEMPORARY DIVERSION DITCHES TO DIRECT RUNOFF TO EROSION CONTROLS. REPAIR AND/OR UPGRADE PAVEMENT ALONG AND ACROSS EXISTING ROADS WHERE CONSTRUCTION TRAFFIC CROSSES.
- PORTABLE CHANGEABLE MESSAGE SIGN TO BE INSTALLED 1 WEEK IN ADVANCE OF BLASTING OPERATIONS. CONTRACTOR TO NOTIFY KYTC 10 DAYS IN ADVANCE OF BLASTING.
- PLASTIC DRUMS WILL BE PLACED TO SEPARATE TRAFFIC IN ACCORDANCE WITH MUTCD GUIDELINES (SPACING OF 2 X SPEED LIMIT) IN CONSTRUCTION AREAS.
- THERE WILL BE NO DIRECT PAYMENT FOR SHIFTING/RELOCATING TEMPORARY CRASH CUSHIONS; THIS WILL BE INCIDENTAL TO THE CRASH CUSHION PAY ITEM.
- PAVEMENT STRUCTURE FOR TEMPORARY PAVEMENT WIDENING (PHASE 2A) SHALL BE THE SAME AS THE DIVERSION (SEE TYPICAL SECTIONS SHEET R2C).
- THERE SHALL BE NO ROAD CLOSURES BETWEEN THE HOURS OF 6:30-8:30 A.M. AND 2:30-4:30 PM (SCHOOL YEAR ONLY).
- THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING UTILITIES DURING BLASTING OPERATIONS.
- IF TRAFFIC BECOMES TOO CONGESTED THE ENGINEER CAN HALT OPERATION UNTIL TRAFFIC CLEARS BOTH DIRECTIONS. THERE WILL BE NO REIMBURSEMENT FOR TIME OR MONEY.
- THE CONTRACTOR SHALL USE ONLY ONE DESIGNATED CROSSING, AS DEFINED BY THE ENGINEER, FOR HAULING MATERIALS ACROSS US 460.
- CONSTRUCTION AND OPENING OF THE DIVERSION SHOULD TAKE NO LONGER THAN 42 CALENDAR DAYS. (SEE LIQUIDATED DAMAGES AND DISINCENTIVES.)

## LANE CLOSURE

WHEN CONSTRUCTION WITHIN 8 FEET OF THE TRAVELED WAY IS IN PROGRESS AND/OR WHEN INSTALLING BARRIER WALL ADJACENT TO A TRAVELED WAY, ONE LANE MAY BE CLOSED. LANE CLOSURES SHALL ONLY BE ALLOWED AS OUTLINED IN THESE TRAFFIC CONTROL NOTES.

ONCE CONSTRUCTION ADJACENT TO A TRAVELED WAY HAS BEGUN, THAT CONSTRUCTION SHALL BE EXPEDITED UNTIL COMPLETED.

CONTRARY TO THE SPECIFICATIONS LANE CLOSURE WILL NOT BE A PAY ITEM ON THIS CONTRACT AND ALL SIGNS, LABOR, DELINEATORS, ETC. FOR LANE CLOSURES SHALL BE INCIDENTAL TO THE BID ITEM "MAINTAIN & CONTROL TRAFFIC".

## SPEED LIMIT

THE SPEED LIMIT SHALL BE REDUCED TO 20 MPH THROUGH THE DIVERSION AND MILLARD CURVE & 20 MPH THROUGH THE REST OF THE PORTIONS OF THE WORK ZONE. REDUCE SPEED AHEAD SIGNS (9R2-5A) AND SPEED LIMIT SIGNS (R2-1) SHALL BE INSTALLED BOTH EASTBOUND AND WESTBOUND. PAYMENT FOR THESE SIGNS SHALL BE MADE AT THE CONTRACT UNIT BID PRICE "SIGNS".

## HOLIDAYS AND SPECIAL EVENTS

LISTED BELOW ARE DATES AND TIMES FOR HOLIDAYS AND SPECIAL EVENTS WHEN ROAD CLOSURES, LANE CLOSURES AND BLASTING WILL NOT BE ALLOWED.

2015	
EASTER	6:00 A.M. APRIL 3, 2015 TO 6:00 A.M. APRIL 6, 2015
MEMORIAL DAY	6:00 A.M. MAY 22, 2015 TO 6:00 A.M. MAY 26, 2015
JULY 4TH	6:00 A.M. JULY 3, 2015 TO 6:00 A.M. JULY 6, 2015
LABOR DAY	6:00 A.M. SEPT. 4, 2015 TO 6:00 A.M. SEPT. 8, 2015

FUTURE HOLIDAY DATES WHEN LANE CLOSURES WILL NOT BE ALLOWED SHALL BE DETERMINED BY THE DEPARTMENT IF NECESSARY, COMPARABLE TO ABOVE DATES. THE ABOVE DATES ARE SUBJECT TO CHANGE IF THE DEPARTMENT DEEMS IT NECESSARY.

## BLASTING OPERATIONS

DURING BLASTING OPERATION, TRAFFIC MAY BE HALTED A MAXIMUM OF 15 MINUTES PER HOUR TO ALLOW THE EXECUTION OF THE "SHOT" AND TO REMOVE ALL ROCK FRAGMENTS AND DEBRIS FROM THE TRAVELED WAY. THE CONTRACTOR, WHEN USING EXPLOSIVES OF ANY KIND, FOR THE PURPOSE OF EXCAVATING AND REMOVAL SHALL HALT THE TRAFFIC A SAFE DISTANCE FROM THE IMPENDING EXPLOSION. THE CONTRACTOR SHALL IMMEDIATELY INSPECT THE PAVEMENTS FOR ANY DEBRIS THAT MAY BE A HAZARD TO TRAFFIC BEFORE ALLOWING THE TRAFFIC TO PROCEED. LISTED BELOW ARE THE PERIODS OF TIME EACH DAY THAT TRAFFIC MAY BE HALTED FOR BLASTING:

SCHOOL YEAR ONLY		SUMMER MONTHS	
MONDAY	9:00 AM TO 2:30 PM	MONDAY	8:30 AM TO 4:30 PM & 6:30 PM TO *DUSK
TUESDAY	9:00 AM TO 2:30 PM	TUESDAY	8:30 AM TO 4:30 PM & 6:30 PM TO *DUSK
WEDNESDAY	9:00 AM TO 2:30 PM	WEDNESDAY	8:30 AM TO 4:30 PM & 6:30 PM TO *DUSK
THURSDAY	9:00 AM TO 2:30 PM	THURSDAY	8:30 AM TO 4:30 PM & 6:30 PM TO *DUSK
FRIDAY	9:00 AM TO 2:30 PM	FRIDAY	8:30 AM TO 4:30 PM & 6:30 PM TO *DUSK
SATURDAY	9:00 AM TO 2:30 PM	SATURDAY	8:30 AM TO 4:30 PM & 6:30 PM TO *DUSK

\*DETERMINED BY ENGINEER

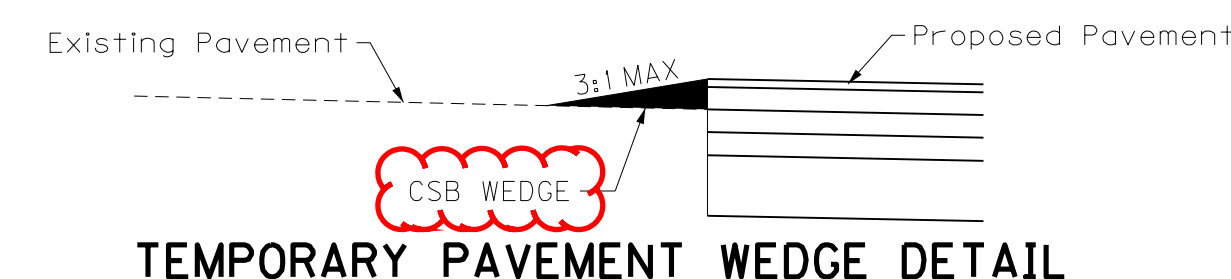
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- GREATER THAN FOUR INCHES - POSITIVE SEPARATION OR WEDGE WITH 3:1 OR FLATTER SLOPE NEEDED. IF THERE IS FIVE FEET OR MORE DISTANCE BETWEEN THE EDGE OF THE PAVEMENT AND THE DROP-OFF, THEN DRUMS, PANEL, OR BARRICADES MAY BE USED. IF THE DROP-OFF IS GREATER THAN 12 INCHES, POSITIVE SEPARATION IS STRONGLY ENCOURAGED. IF CONCRETE BARRIERS ARE USED, SPECIAL REFLECTIVE DEVICES OR STEADY BURN LIGHTS SHOULD BE USED FOR OVERNIGHT INSTALLATIONS.

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## LIQUIDATED DAMAGES AND DISINCENTIVES

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ALL ROAD CLOSURES LEFT IN PLACE FOR MORE THAN 60 MINUTES WILL BE ASSESSED DAMAGES OF \$4,000.00 PER HOUR OR FRACTION THEREOF.

DISINCENTIVES OF \$1,300.00 PER LANE CLOSURE PER HOUR WILL BE CHARGED FOR EACH HOUR OR FRACTION OF AN HOUR THAT TWO LANES IN EACH DIRECTION ARE NOT OPEN UNLESS SPECIFIED IN THE PHASING NOTES ON SHEET R14. THE SECOND HOUR OR FRACTION THEREOF WILL BE ASSESSED AT THE RATE OF \$2,600.00 PER HOUR. THE THIRD HOUR OR FRACTION THEREOF AND ALL ADDITIONAL HOURS SHALL BE ASSESSED AT THE RATE OF \$4,000.00 PER HOUR.

DISINCENTIVES OF \$4,200.00 PER DAY WILL BE CHARGED FOR EACH DAY OR FRACTION THEREOF THAT THE DIVERSION IS NOT OPEN TO TRAFFIC AFTER 42 CALENDAR DAYS.

COUNTY OF	ITEM NO.	SHEET NO.
PIKE	12-8631.00	R14

# MAINTENANCE OF TRAFFIC NOTES

## PHASE 1

INSTALL MAINTENANCE OF TRAFFIC CONSTRUCTION SIGNS FOR PHASE 1 TRAFFIC.

TEMPORARILY CLOSE US 460 DURING BLASTING OPERATIONS (SEE MOT NOTES UNDER BLASTING OPERATIONS, SHEET R13.)

UTILIZE A TEMPORARY ROADWAY BARRIER (APPROXIMATELY 800 FEET) AND CRASH CUSHIONS ALONG THE ROADWAY CENTERLINE TO CONTAIN FALLEN DEBRIS AND FOR A TEMPORARY ONE LANE CLOSURE OF THE EXISTING NORTHBOUND LANE DURING CLEARANCE OF DEBRIS.

CONSTRUCT US 460 DIVERSION (APPROX. 34,000 CY EMB.) ALONG WITH ASSOCIATED PERMANENT & TEMPORARY DRAINAGE STRUCTURES & DITCHES (SEE SHEET R2C FOR DIVERSION TYPICAL).

IF ROOM IS NEEDED TO FINALIZE CONSTRUCTION OF ANY DRAINAGE STRUCTURES AND/OR DITCHING THAT IS BETWEEN THE DIVERSION AND US 460, SOUTHBOUND TRAFFIC CAN BE DIVERTED TO THE COMPLETED DIVERSION PAVEMENT WHILE NORTHBOUND TRAFFIC REMAINS ON EXISTING US 460 (ADJUST SIGNS ACCORDINGLY. PAID FOR UNDER MAINTAIN & CONTROL TRAFFIC).

## PHASE 2A

PHASE 2 CAN BEGIN AFTER DIVERSION IS COMPLETE TO ACCOMMODATE PHASE 2 TRAFFIC.

INSTALL MAINTENANCE OF TRAFFIC CONSTRUCTION SIGNS FOR PHASE 2A TRAFFIC.

RELOCATE TEMPORARY BARRIER WALL & CRASH CUSHIONS TO LOCATION SHOWN ON PLANS.

UTILIZE BARRELS FOR CONSTRUCTION OF US 460 FROM STA. 22+00 TO END & PROVIDE CONTINUOUS ACCESS TO THE PROPERTY OWNERS AND BUSINESSES.

DIVERT TRAFFIC ONTO NEWLY CONSTRUCTED DIVERSION.

BEGIN CONSTRUCTION OF US 460 THRU TOP BASE COURSE FROM BEGINNING TO STA. 22+00 ALONG WITH ASSOCIATED DRAINAGE STRUCTURES & DITCHES.

STA. 26+50 TO STA. 31+86: FROM THE EXISTING EDGE OF PAVEMENT, CONSTRUCT SOUTHBOUND US 460 THRU TOP BASE COURSE WITH ENTRANCES/EXITS AND ASSOCIATED DRAINAGE STRUCTURES & DITCHES.

STA. 31+86 TO END: FROM THE PROPOSED CENTERLINE, CONSTRUCT SOUTHBOUND US 460 THRU TOP BASE COURSE WITH ENTRANCES/EXITS AND ASSOCIATED DRAINAGE STRUCTURES & DITCHES. UTILIZE A TEMPORARY ONE LANE CLOSURE DURING CONSTRUCTION.

CONSTRUCT TEMPORARY PAVEMENT WIDENING (TIE-INS) AT EACH END OF SOUTHBOUND US 460 (STA. 26+50 & STA. 31+65.74, SEE US 460 CROSS SECTION SHEETS X27-X31 & X36-X43) UTILIZE A TEMPORARY ONE LANE CLOSURE DURING CONSTRUCTION.

## PHASE 2B

PHASE 2B CAN BEGIN AFTER SOUTHBOUND US 460 AND TEMPORARY PAVEMENT TIE-INS ARE COMPLETE TO ACCOMMODATE PHASE 2B TRAFFIC.

INSTALL MAINTENANCE OF TRAFFIC CONSTRUCTION SIGNS FOR PHASE 2B TRAFFIC.

TRAFFIC TO REMAIN ON DIVERSION AND ALSO DIVERTED TO NEWLY CONSTRUCTED SOUTHBOUND LANE USING LANE SHIFTS ONTO TEMPORARY TIE-INS.

UTILIZE BARRELS FOR CONSTRUCTION OF US 460 FROM STA. 22+00 TO END & PROVIDE CONTINUOUS ACCESS TO THE PROPERTY OWNERS AND BUSINESSES.

CONTINUE CONSTRUCTING US 460 THRU TOP BASE COURSE FROM BEGINNING TO STA. 22+00 ALONG WITH ASSOCIATED DRAINAGE STRUCTURES & DITCHES.

CONSTRUCT NORTHBOUND US 460 THRU TOP BASE COURSE FROM STA. 22+00 TO END ALONG WITH ENTRANCES/EXITS AND ASSOCIATED DRAINAGE STRUCTURES & DITCHES.

## PHASE 3

PHASE 3 CAN BEGIN AFTER COMPLETION OF PHASE 2B. RELOCATE 250' OF TEMPORARY BARRIER WALL & CRASH CUSHIONS (STA. 22+00 TO STA. 24+50).

INSTALL MAINTENANCE OF TRAFFIC CONSTRUCTION SIGNS FOR PHASE 3B TRAFFIC.

OPEN US 460 TO TRAFFIC AND UTILIZE A LANE SHIFT 12' RIGHT USING BARRELS. (550' TAPER FROM STA. 15+50 TO STA. 21+00 & FROM STA. 27+00 TO STA. 32+50.)

CONSTRUCT SOUTHBOUND US 460 THRU TOP BASE COURSE FROM STA. 22+00 TO STA. 25+00 ALONG WITH ASSOCIATED DITCHES.

CONSTRUCT SCHOOL EXIT THRU TOP BASE COURSE ALONG WITH ASSOCIATED DRAINAGE STRUCTURES AND DITCHES.

## PHASE 4

PLACE FINAL SURFACE COURSE THROUGHOUT THE PROJECT UTILIZING TEMPORARY ONE LANE CLOSURES.

COUNTY OF	ITEM NO.	SHEET NO.
PIKE	12-8631.00	R14

REVISED 12-4-14

# MAINTENANCE OF TRAFFIC NOTES

## PHASE 1

INSTALL MAINTENANCE OF TRAFFIC CONSTRUCTION SIGNS FOR PHASE 1 TRAFFIC.

TEMPORARILY CLOSE US 460 DURING BLASTING OPERATIONS (SEE MOT NOTES UNDER BLASTING OPERATIONS, SHEET R13.)

UTILIZE A TEMPORARY ROADWAY BARRIER (APPROXIMATELY 800 FEET) AND CRASH CUSHIONS ALONG THE ROADWAY CENTERLINE TO CONTAIN FALLEN DEBRIS AND FOR A TEMPORARY ONE LANE CLOSURE OF THE EXISTING NORTHBOUND LANE DURING CLEARANCE OF DEBRIS.

CONSTRUCT US 460 DIVERSION (APPROX. 34,000 CY EMB.) ALONG WITH ASSOCIATED PERMANENT & TEMPORARY DRAINAGE STRUCTURES & DITCHES (SEE SHEET R2C FOR DIVERSION TYPICAL).

IF ROOM IS NEEDED TO FINALIZE CONSTRUCTION OF ANY DRAINAGE STRUCTURES AND/OR DITCHING THAT IS BETWEEN THE DIVERSION AND US 460, SOUTHBOUND TRAFFIC CAN BE DIVERTED TO THE COMPLETED DIVERSION PAVEMENT WHILE NORTHBOUND TRAFFIC REMAINS ON EXISTING US 460 (ADJUST SIGNS ACCORDINGLY. PAID FOR UNDER MAINTAIN & CONTROL TRAFFIC).

## PHASE 2A

PHASE 2 CAN BEGIN AFTER DIVERSION IS COMPLETE TO ACCOMMODATE PHASE 2 TRAFFIC.

INSTALL MAINTENANCE OF TRAFFIC CONSTRUCTION SIGNS FOR PHASE 2A TRAFFIC.

RELOCATE TEMPORARY BARRIER WALL & CRASH CUSHIONS TO LOCATION SHOWN ON PLANS.

UTILIZE BARRELS FOR CONSTRUCTION OF US 460 FROM STA. 22+00 TO END & PROVIDE CONTINUOUS ACCESS TO THE PROPERTY OWNERS AND BUSINESSES.

DIVERT TRAFFIC ONTO NEWLY CONSTRUCTED DIVERSION.

BEGIN CONSTRUCTION OF US 460 THRU TOP BASE COURSE FROM BEGINNING TO STA. 22+00 ALONG WITH ASSOCIATED DRAINAGE STRUCTURES & DITCHES.

STA. 26+50 TO STA. 31+86: FROM THE EXISTING EDGE OF PAVEMENT, CONSTRUCT SOUTHBOUND US 460 THRU TOP BASE COURSE WITH ENTRANCES/EXITS AND ASSOCIATED DRAINAGE STRUCTURES & DITCHES.

STA. 31+86 TO END: FROM THE PROPOSED CENTERLINE, CONSTRUCT SOUTHBOUND US 460 THRU TOP BASE COURSE WITH ENTRANCES/EXITS AND ASSOCIATED DRAINAGE STRUCTURES & DITCHES. UTILIZE A TEMPORARY ONE LANE CLOSURE DURING CONSTRUCTION.

CONSTRUCT TEMPORARY PAVEMENT WIDENING (TIE-INS) AT EACH END OF SOUTHBOUND US 460 (STA. 26+50 & STA. 31+65.74, SEE US 460 CROSS SECTION SHEETS X27-X31 & X36-X43) UTILIZE A TEMPORARY ONE LANE CLOSURE DURING CONSTRUCTION.

## PHASE 2B

PHASE 2B CAN BEGIN AFTER SOUTHBOUND US 460 AND TEMPORARY PAVEMENT TIE-INS ARE COMPLETE TO ACCOMMODATE PHASE 2B TRAFFIC.

INSTALL MAINTENANCE OF TRAFFIC CONSTRUCTION SIGNS FOR PHASE 2B TRAFFIC.

TRAFFIC TO REMAIN ON DIVERSION AND ALSO DIVERTED TO NEWLY CONSTRUCTED SOUTHBOUND LANE USING LANE SHIFTS ONTO TEMPORARY TIE-INS.

UTILIZE BARRELS FOR CONSTRUCTION OF US 460 FROM STA. 22+00 TO END & PROVIDE CONTINUOUS ACCESS TO THE PROPERTY OWNERS AND BUSINESSES.

CONTINUE CONSTRUCTING US 460 THRU TOP BASE COURSE FROM BEGINNING TO STA. 22+00 ALONG WITH ASSOCIATED DRAINAGE STRUCTURES & DITCHES.

CONSTRUCT NORTHBOUND US 460 THRU TOP BASE COURSE FROM STA. 22+00 TO END ALONG WITH ENTRANCES/EXITS AND ASSOCIATED DRAINAGE STRUCTURES & DITCHES.

## PHASE 3

PHASE 3 CAN BEGIN AFTER COMPLETION OF PHASE 2B. RELOCATE 250' OF TEMPORARY BARRIER WALL & CRASH CUSHIONS (STA. 22+00 TO STA. 24+50).

INSTALL MAINTENANCE OF TRAFFIC CONSTRUCTION SIGNS FOR PHASE 3B TRAFFIC.

OPEN US 460 TO TRAFFIC AND UTILIZE A LANE SHIFT 12' RIGHT USING BARRELS. (550' TAPER FROM STA. 15+50 TO STA. 21+00 & FROM STA. 27+00 TO STA. 32+50.)

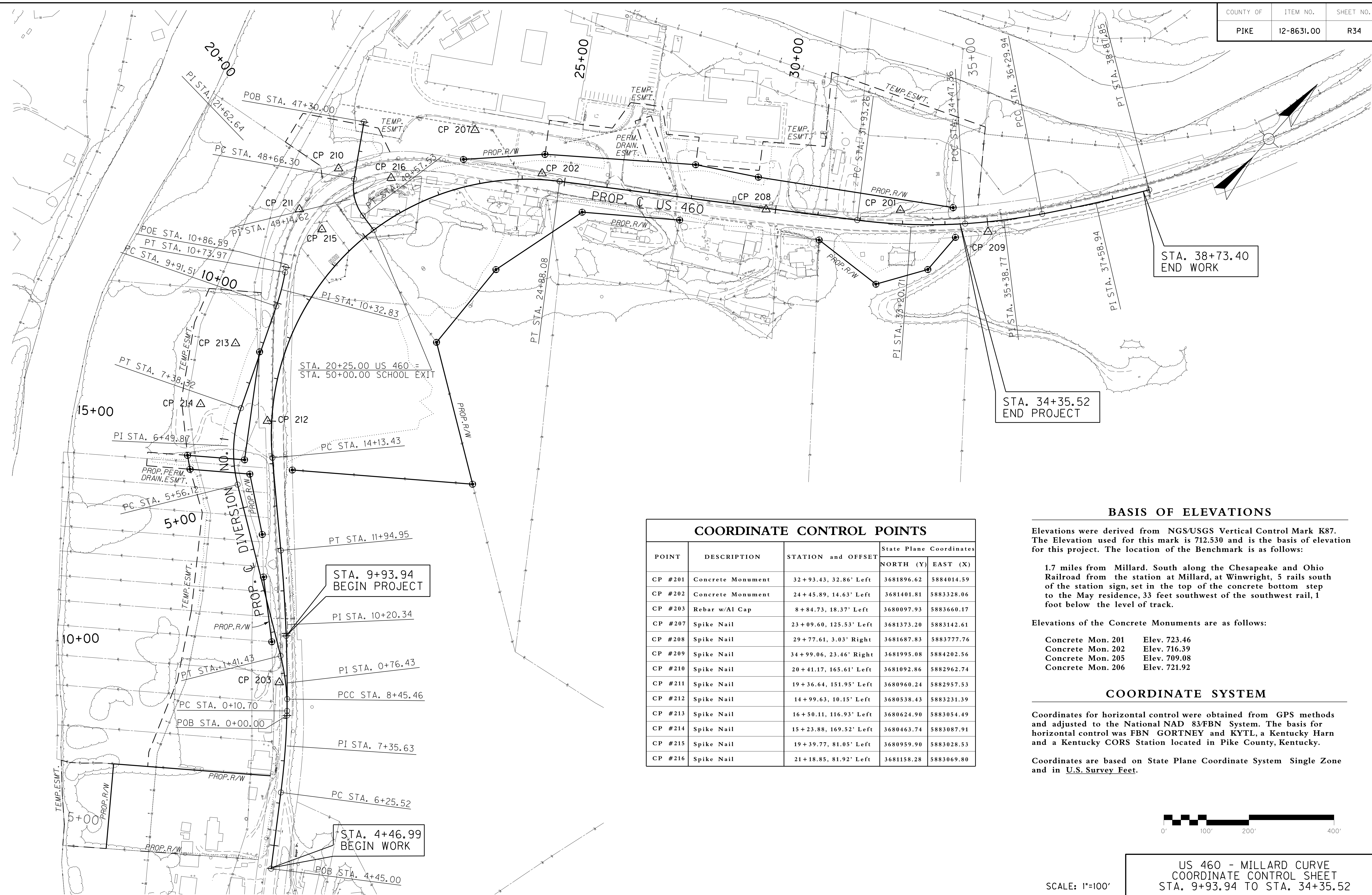
CONSTRUCT SOUTHBOUND US 460 THRU TOP BASE COURSE FROM STA. 22+00 TO STA. 25+00 ALONG WITH ASSOCIATED DITCHES.

CONSTRUCT SCHOOL EXIT THRU TOP BASE COURSE ALONG WITH ASSOCIATED DRAINAGE STRUCTURES AND DITCHES.

## PHASE 4

PLACE FINAL SURFACE COURSE THROUGHOUT THE PROJECT UTILIZING TEMPORARY ONE LANE CLOSURES.

FILE NAME: U:\1102 PIKE CO\ELECTRONIC SUBMITTAL\CONTRACT PLANS AND PROPOSAL\CONTRACT PLAN SET\ROADWAY\RO3400CC.DGN  
 USER: jgthum  
 DATE PLOTTED: December 2, 2014  
 E-SHEET NAME: RO3400CC  
 MicroStation v8.11.7.443



COORDINATE CONTROL POINTS				
POINT	DESCRIPTION	STATION and OFFSET	State Plane Coordinates	
			NORTH (Y)	EAST (X)
CP #201	Concrete Monument	32+93.43, 32.86' Left	3681896.62	5884014.59
CP #202	Concrete Monument	24+45.89, 14.63' Left	3681401.81	5883328.06
CP #203	Rebar w/Al Cap	8+84.73, 18.37' Left	3680097.93	5883660.17
CP #207	Spike Nail	23+09.60, 125.53' Left	3681373.20	5883142.61
CP #208	Spike Nail	29+77.61, 3.03' Right	3681687.83	5883777.76
CP #209	Spike Nail	34+99.06, 23.46' Right	3681995.08	5884202.56
CP #210	Spike Nail	20+41.17, 165.61' Left	3681092.86	5882962.74
CP #211	Spike Nail	19+36.64, 151.95' Left	3680960.24	5882957.53
CP #212	Spike Nail	14+99.63, 10.15' Left	3680538.43	5883231.39
CP #213	Spike Nail	16+50.11, 116.93' Left	3680624.90	5883054.49
CP #214	Spike Nail	15+23.88, 169.52' Left	3680463.74	5883087.91
CP #215	Spike Nail	19+39.77, 81.05' Left	3680959.90	5883028.53
CP #216	Spike Nail	21+18.85, 81.92' Left	3681158.28	5883069.80

**BASIS OF ELEVATIONS**

Elevations were derived from NGS/USGS Vertical Control Mark K87. The Elevation used for this mark is 712.530 and is the basis of elevation for this project. The location of the Benchmark is as follows:

1.7 miles from Millard. South along the Chesapeake and Ohio Railroad from the station at Millard, at Winwright, 5 rails south of the station sign, set in the top of the concrete bottom step to the May residence, 33 feet southwest of the southwest rail, 1 foot below the level of track.

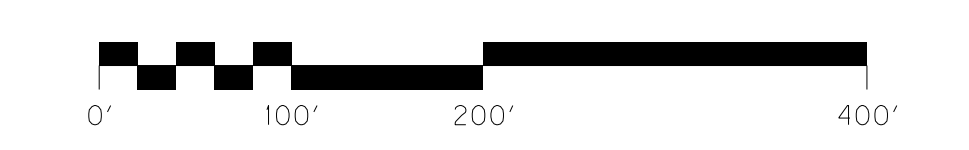
Elevations of the Concrete Monuments are as follows:

Concrete Mon. 201	Elev. 723.46
Concrete Mon. 202	Elev. 716.39
Concrete Mon. 205	Elev. 709.08
Concrete Mon. 206	Elev. 721.92

**COORDINATE SYSTEM**

Coordinates for horizontal control were obtained from GPS methods and adjusted to the National NAD 83/FBN System. The basis for horizontal control was FBN GORTNEY and KYTL, a Kentucky Harn and a Kentucky CORS Station located in Pike County, Kentucky.

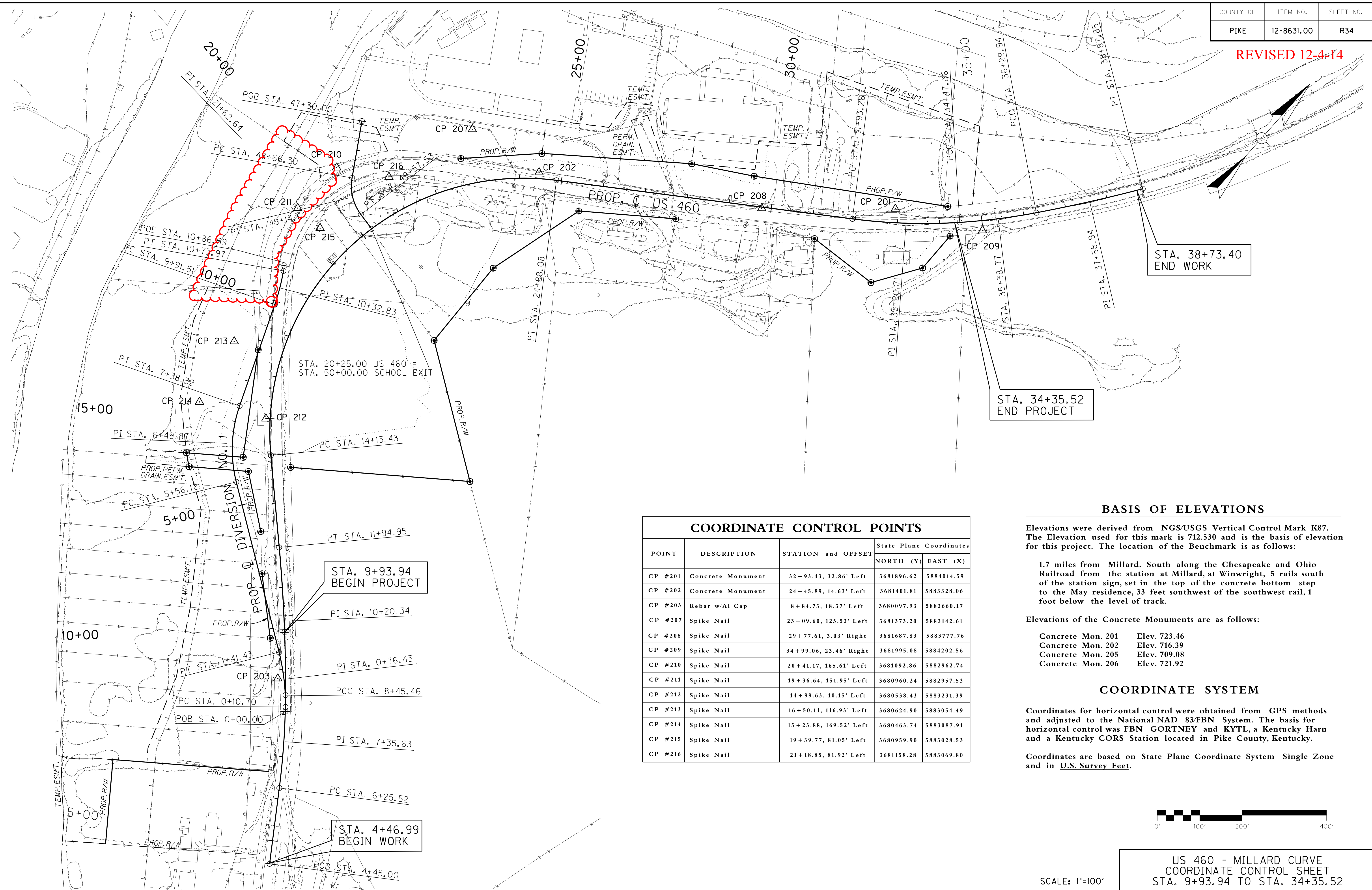
Coordinates are based on State Plane Coordinate System Single Zone and in U.S. Survey Feet.



US 460 - MILLARD CURVE  
 COORDINATE CONTROL SHEET  
 STA. 9+93.94 TO STA. 34+35.52  
 SCALE: 1"=100'

REVISED 12-4-14

FILE NAME: U:\1102 PIKE CO\ELECTRONIC SUBMITTAL\CONTRACT PLANS AND PROPOSAL\CONTRACT PLAN SET\ROADWAY\RO3400CC.DGN  
 USER: jghntm  
 DATE PLOTTED: December 2, 2014  
 E-SHEET NAME: R03400CC  
 MicroStation v8.11.7.443



**COORDINATE CONTROL POINTS**

POINT	DESCRIPTION	STATION and OFFSET	State Plane Coordinates	
			NORTH (Y)	EAST (X)
CP #201	Concrete Monument	32+93.43, 32.86' Left	3681896.62	5884014.59
CP #202	Concrete Monument	24+45.89, 14.63' Left	3681401.81	5883328.06
CP #203	Rebar w/Al Cap	8+84.73, 18.37' Left	3680097.93	5883660.17
CP #207	Spike Nail	23+09.60, 125.53' Left	3681373.20	5883142.61
CP #208	Spike Nail	29+77.61, 3.03' Right	3681687.83	5883777.76
CP #209	Spike Nail	34+99.06, 23.46' Right	3681995.08	5884202.56
CP #210	Spike Nail	20+41.17, 165.61' Left	3681092.86	5882962.74
CP #211	Spike Nail	19+36.64, 151.95' Left	3680960.24	5882957.53
CP #212	Spike Nail	14+99.63, 10.15' Left	3680538.43	5883231.39
CP #213	Spike Nail	16+50.11, 116.93' Left	3680624.90	5883054.49
CP #214	Spike Nail	15+23.88, 169.52' Left	3680463.74	5883087.91
CP #215	Spike Nail	19+39.77, 81.05' Left	3680959.90	5883028.53
CP #216	Spike Nail	21+18.85, 81.92' Left	3681158.28	5883069.80

**BASIS OF ELEVATIONS**

Elevations were derived from NGS/USGS Vertical Control Mark K87. The Elevation used for this mark is 712.530 and is the basis of elevation for this project. The location of the Benchmark is as follows:

1.7 miles from Millard. South along the Chesapeake and Ohio Railroad from the station at Millard, at Winwright, 5 rails south of the station sign, set in the top of the concrete bottom step to the May residence, 33 feet southwest of the southwest rail, 1 foot below the level of track.

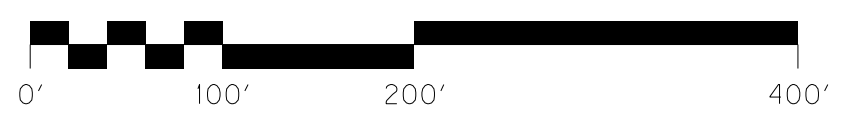
Elevations of the Concrete Monuments are as follows:

- Concrete Mon. 201 Elev. 723.46
- Concrete Mon. 202 Elev. 716.39
- Concrete Mon. 205 Elev. 709.08
- Concrete Mon. 206 Elev. 721.92

**COORDINATE SYSTEM**

Coordinates for horizontal control were obtained from GPS methods and adjusted to the National NAD 83/FBN System. The basis for horizontal control was FBN GORTNEY and KYTL, a Kentucky Harn and a Kentucky CORS Station located in Pike County, Kentucky.

Coordinates are based on State Plane Coordinate System Single Zone and in U.S. Survey Feet.



SCALE: 1"=100'

US 460 - MILLARD CURVE  
 COORDINATE CONTROL SHEET  
 STA. 9+93.94 TO STA. 34+35.52

SYP8162  
07 NOV 2014

KENTUCKY TRANSPORTATION CABINET  
COMMUNICATING ALL PROMISES (CAP)  
ACTIVE

<u>Item No.</u>	12 - 8631		<u>Project Mgr.</u>	kylc johnm.johnson
<u>CAP #</u>	<u>Date of Promise</u>	<u>Promise made to:</u>	<u>Location of Promise</u>	
1		Pike Co BOE	P-6	
<u>CAP Description</u> LEAVE CLEAN, RESEEDED AND DESCENT, SAFE AND SANITARY				
2		James Harvey Coleman	P-11	
<u>CAP Description</u> PROPERTY OWNER WANTS UP TO 2' OF TOPSOIL REMOVED, PLACED TO THE SIDE AND PLACED ON TOP OF FILL AFTER THE FILL IS COMPLETED.				
3		Lois Bogar	P-13	
<u>CAP Description</u> LEAVE CLEAN, RESEEDED AND DESCENT, SAFE AND SANITARY.				
4		Lois Bogar	P-14	
<u>CAP Description</u> LEAVE CLEAN, RESEEDED AND DESCENT, SAFE AND SANITARY				
5		Roy and Lois Bogar	P-15	
<u>CAP Description</u> LEAVE CLEAN, RESEEDED AND DESCENT, SAFE AND SANITARY				
6		Sandra Williamson	P-16	
<u>CAP Description</u> LEAVE CLEAN, RESEEDED AND DESCENT, SAFE AND SANITARY				
7		Riley Coleman, Jr	P-17	
<u>CAP Description</u> LEAVE CLEAN, RESEEDED, DESCENT, SAFE AND SANITARY				
8		Jean Coleman	P-18	
<u>CAP Description</u> LEAVE CLEAN, RESEEDED, DESCENT, SAFE AND SANITARY				
9		Martha Ward	P-19	
<u>CAP Description</u> LEAVE CLEAN, RESEEDED, DESCENT, SAFE AND SANITARY				
10		Charles Smith	P-20	
<u>CAP Description</u> LEAVE CLEAN, RESEEDED, DESCENT, SAFE AND SANITARY				
11		Wanda Mays	P-23	
<u>CAP Description</u> LEAVE CLEAN, RESEEDED, DESCENT, SAFE AND SANITARY				
12		Joyce Caldwell	P-24	
<u>CAP Description</u> PROPERTY NOT PURCHASED. IF CONTRACTOR WANT TO FILL, CONTACT JOYCE CALDWELL AT 606-639-6626				



SYP8162  
07 NOV 2014

KENTUCKY TRANSPORTATION CABINET  
COMMUNICATING ALL PROMISES (CAP)  
ACTIVE

Page: 2

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Item No. 12 8631 Project Mgr. kytcjohnm.johnson

13 Jane Talerica, et al P-27

CAP Description

PARCEL ELIMINATED, IF CONTRACT WOULD LIKE TO PLACE FILL ON THIS PROPERTY, CONTACT JANE TALERICO AT 561-373-2841 AND VIRGINIA DUNKLEBARGER AT 803-649-4197. THERE IS A STREAM ACROSS THIS PROPERTY THAT HAS A PERMIT FOR A PIPE AND FILL OVER THE PIPE. WILL DISCUSS IF FURTHER DETAIL AT THE PREBID MEETING

14 Pike County BOE P-6

CAP Description

CONTACT THE PRINCIPAL, ROBERT KISER, AT 606-432-3380. HE WILL ASSIST IN COORDINATING CONSTRUCTION TRAFFIC WITH SCHOOL TRAFFIC.

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STEVEN L. BESHEAR  
GOVERNOR

ENERGY AND ENVIRONMENT CABINET  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION  
DIVISION OF WATER  
200 FAIR OAKS LANE, 4TH FLOOR  
FRANKFORT, KENTUCKY 40601  
[www.kentucky.gov](http://www.kentucky.gov)

LEONARD K. PETERS  
SECRETARY

## STREAM CONSTRUCTION PERMIT For Construction In Or Along A Stream

Issued to: **Inard & Maggie Anderson**  
Address: **9351 Millard Hwy  
Pikeville, KY 41501**

Permit expires on  
**May 1, 2014**

Permit No. **20266**

In accordance with KRS 151.250 and KRS 151.260, the Energy and Environment Cabinet approves the application dated **April 2, 2013** for **placement of fill approximately 150' to 200' wide and 200' long in the right descending floodplain of Russell Fork at about stream mile 3.1, with coordinates 37.37292, -82.42825, in Pike County.** AI: 118171

There shall be no deviation from the plans and specifications submitted and hereby approved unless the proposed change shall first have been submitted to and approved in writing by the Cabinet. This approval is subject to the attached limitations. **Please read these limitations carefully!** If you are unable to adhere to these limitations for any reason, please contact this office prior to construction.

This permit is valid from the standpoint of stream obstruction only. Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits or licenses required by this Cabinet and other state, federal and local agencies. Specifically if the project involves work in a stream, such as bank stabilization, dredging, relocation, or in designated wetlands, a 401 Water Quality Certification from the Division of Water will be required.

This permit is nontransferable and is not valid unless actual construction of this authorized work is begun prior to the expiration date noted above. Any violation of the Water Resources Act of 1966 as amended is subject to penalties as set forth in KRS 151.990.

If you have any questions regarding this permit, please call Kourosh Namin at (502) 564-3410.

Issued May 1, 2013.

**Todd Powers, P.E., Supervisor**  
Floodplain Management Section  
Surface Water Permit Branch

TAP/KN/nm

pc: Hazard Regional Office  
Jimmy Kiser – Pike Co. Floodplain Coordinator  
File

**Stream Construction Permit**  
Inard & Maggie Anderson Property  
Facility Requirements  
Permit Number: 20266  
Activity ID No.: APE20130001

**ACTV000000001 (Fill) Placement of fill approximately 150' to 200' wide and 200' long:**

**Submittal/Action Requirements:**

Condition No.	Condition
S-1	Inard and Maggie Anderson must submit final construction report: Due within 90 days after completion of construction Inard and Maggie Anderson must notify in writing that the project has been completed in accordance with the approved plans and specifications. A Final Construction Report Form is enclosed. [401 KAR 4:060 Section 6]

**Narrative Requirements:**

Condition No.	Condition
T-1	This permit is issued from the standpoint of stream obstruction only and does not constitute certification of any other aspect of the proposed construction. The applicant is liable for any damage resulting from the construction, operation, or maintenance of this project. This permit has been issued under the provisions of KRS Chapter 151.250 and regulations promulgated pursuant thereto. Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits or licenses required by this Cabinet and other state, federal and local agencies. [KRS 151.250]
T-2	A copy of this permit must be available at the construction site. [KRS 151.250]
T-3	Any work performed by or for Inard and Maggie Anderson that does not fully conform to the submitted application or drawings and the limitations set forth in this permit, is subject to partial or total removal and enforcement actions pursuant to KRS 151.280 as directed by the Kentucky Department for Environmental Protection. [KRS 151.280]
T-4	Any design changes or amendments to the approved plans must be submitted to the Division of Water and approved in writing prior to implementation. [KRS 151.250]
T-5	Since Pike County participates in the National Flood Insurance Program, a local floodplain permit must be obtained prior to beginning of construction. Upon completion of construction Inard and Maggie Anderson must contact the local permitting agency for final approval of the construction for compliance with the requirements of the local floodplain ordinance. [401 KAR 4:060 Section 9(c)]
T-6	No portion of the fill shall encroach further than 205 feet, measured perpendicularly from the center of US-460. [401 KAR 4:060 Section 5]
T-7	Permanent vegetation shall be established on fill as soon as possible upon completion of filling. [KRS 224.70-110]

**Stream Construction Permit**  
Inard & Maggie Anderson Property  
Facility Requirements  
Permit Number: 20266  
Activity ID No.: APE20130001

**ACTV0000000001 (continued):**

**Narrative Requirements:**

Condition No.	Condition
T-8	It is the intent of this permit that no fill be placed within the limits of the designated floodway. The floodway limits are determined by the Federal Insurance Administration of the Federal Emergency Management Agency (FEMA), and shown on the Flood Boundary and Floodway Map included in the Flood Insurance Study for Pike County dated 5/2/2008. Copies of the Flood Insurance Study are on file with the Local Floodplain Coordinator, the Division of Water, and the Federal Insurance Administration in Atlanta, Georgia. [401 KAR 4:060 Section 4(1)]
T-9	Fill slopes shall be no steeper than 2:1 (horizontal: vertical). Steeper slopes shall require a stability analysis. [401 KAR 4:060 Section (7)]
T-10	Erosion prevention measures, sediment control measures, and other site management practices shall be designed, installed, and maintained in an effective operating condition to prevent migration of sediment off site. [KRS 224.70-110]
T-11	To avoid secondary adverse impacts, all materials used shall be stable and inert, free from pollutants and floatable objects, and shall meet all appropriate engineering standards. (Inert here means materials that are not chemically reactive and that will not rot or decompose, such as soil, rock, broken concrete or similar materials.) [401 KAR 4:060 Section 7]
T-12	All debris and excess material shall be removed for disposal outside of the base floodplain. [401 KAR 4:060]
T-13	Upon completion of construction all disturbed areas shall be seeded and mulched or otherwise stabilized to prevent erosion. [401 KAR 4:060]
T-14	Construction other than as authorized by this permit shall require written approval from the Division of Water. [401 KAR 4:060]
T-15	Due to the nature of the work involved in the proposed project, the Division of Water has waived the requirement that the submitted plans and specifications be drawn by an engineer, licensed to practice as a professional engineer in the state of Kentucky, under the provisions of the KRS Chapter 322. [KRS 151.250, KRS 151.260]

COMMONWEALTH OF KENTUCKY  
NATURAL RESOURCES & ENVIRONMENTAL PROTECTION CABINET  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION  
DIVISION OF WATER

APPLICATION FOR PERMIT TO CONSTRUCT ACROSS OR ALONG A STREAM  
AND / OR WATER QUALITY CERTIFICATION

Chapter 151 of the Kentucky Revised Statutes requires approval from the Division of Water prior to any construction or other activity in or along a stream that could in any way obstruct flood flows or adversely impact water quality. *If the project involves work in a stream, such as bank stabilization, dredging or relocation, you will also need to obtain a 401 Water Quality Certification (WQC) from the Division of Water.* This completed form will be forwarded to the Water Quality Branch for WQC processing. The project may not start until all necessary approvals are received from the KDOW. For questions concerning the WQC process, contact the WQC section at 502/564-3410.

If the project will disturb more than 1 acre of soil, you will also need to complete the attached Notice of Intent for Storm Water Discharges, and return both forms to the Floodplain management Section of the KDOW. This general permit will require you to create an implement an erosion control plan for the project.

1. OWNER: Palmer and Gloria Jean Adkins (Parcel #1 – US 460 Millard Curve Roadway Project)  
Give name of person(s), company, governmental unit, or other owner of proposed project.

MAILING ADDRESS: 8407 Millard Highway, Pikeville, KY 41501

TELEPHONE #: (606) 432-2416 EMAIL: \_\_\_\_\_

2. AGENT: Stephen L. Arnold  
Give name of person(s) submitting application, if other than owner.

ADDRESS: 1046 East Chestnut Street, Louisville, KY 40204

TELEPHONE #: (502) 719-7894 EMAIL: sarnold@qk4.com

3. ENGINEER: Stephen L. Arnold P.E. NUMBER: 16463  
Contact Division of Water if waiver can be granted.

TELEPHONE #: same as above EMAIL: same as above

4. DESCRIPTION OF CONSTRUCTION: A portion of the excess material from the US 460 – Millard Curve roadway project is to be placed in the floodplain of Russell Fork, within Parcel #1. The material is to be placed from the edge of the established floodway of Russell Fork back towards US 460. The filled area encompasses approximately 33,770 square feet of the property with 7,339 cubic yards of material being placed.  
Describe the type and purpose of construction and describe stream impact

5. COUNTY: Pike NEAREST COMMUNITY: Millard

6. USGS QUAD NAME Millard LATITUDE/LONGITUDE: 37°23'12"N, 82°26'14" W

7. STREAM NAME: Russell Fork WATERSHED SIZE (in acres): 434,560

8. LINEAR FEET OF STREAM IMPACTED: No direct impact (filling in the floodplain)

9. DIRECTIONS TO SITE: The project site is located along US 460 and parallel to Russell Fork near Millard Middle School. Millard Middle School is located approximately 1.4 miles south of Millard, KY on US 460. Millard, KY is located approximately 9.0 miles southeast of Pikeville, KY.

- 10. IS ANY PORTION OF THE REQUESTED PROJECT NOW COMPLETE? Yes  No  If yes, identify the completed portion on the drawings you submit and indicate the date activity was completed. DATE: \_\_\_\_\_
- 11. ESTIMATED BEGIN CONSTRUCTION DATE: April, 2013
- 12. ESTIMATED END CONSTRUCTION DATE: April, 2014

13. HAS A PERMIT BEEN RECEIVED FROM THE US ARMY, CORPS of ENGINEERS? Yes  No  If yes, attach a copy of that permit.

- 14. THE APPLICANT *MUST* ADDRESS PUBLIC NOTICE:
  - (a) PUBLIC NOTICE HAS BEEN GIVEN FOR THIS PROPOSAL BY THE FOLLOWING MEANS:
    - Public notice in newspaper having greatest circulation in area (provide newspaper clipping or affidavit)
    - Adjacent property owner(s) affidavits (Contact Division of Water for requirements.)
  - (b)  I REQUEST WAIVER OF PUBLIC NOTICE BECAUSE:
 

\_\_\_\_\_

Contact Division of Water for requirements.

15. I HAVE CONTACTED THE FOLLOWING CITY OR COUNTY OFFICIALS CONCERNING THIS PROJECT:  
Mr. Jimmy Kiser, Pikeville, KY Floodplain Coordinator (Public Works Department)  
 Give name and title of person(s) contacted and provide copy of any approval city or county may have issued.  
146 Main Street, Pikeville, KY 41501 (606) – 432-6204

16. LIST OF ATTACHMENTS: US 460 – Millard Curve plans, USGS site map, Russell Fork Hec-Ras Study  
 List plans, profiles, or other drawings and data submitted. Attach a copy of a 7.5 minute USGS topographic map clearly showing the project location.

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

17. I, RH (owner) CERTIFY THAT THE OWNER OWNS OR HAS EASEMENT RIGHTS ON ALL PROPERTY ON WHICH THIS PROJECT WILL BE LOCATED OR ON WHICH RELATED CONSTRUCTION WILL OCCUR (for dams, this includes the area that would be impounded during the design flood).

18. REMARKS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

I hereby request approval for construction across or along a stream as described in this application and any accompanying documents. To the best of my knowledge, all the information provided is true and correct.

SIGNATURE: Palmer Adkins  
 Owner or Agent sign here. (If signed by Agent, a Power of Attorney should be attached.)

DATE: 11-27-12

SIGNATURE OF LOCAL FLOODPLAIN COORDINATOR:  
Jimmy Kiser  
 Permit application will be returned to applicant if not properly endorsed by the local floodplain coordinator.

DATE: 11/28/12

SUBMIT APPLICATION AND ATTACHMENTS TO:  
 Floodplain Management Section  
 Division of Water  
 14 Reilly Road  
 Frankfort, KY 40601

COMMONWEALTH OF KENTUCKY  
NATURAL RESOURCES & ENVIRONMENTAL PROTECTION CABINET  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION  
DIVISION OF WATER

APPLICATION FOR PERMIT TO CONSTRUCT ACROSS OR ALONG A STREAM  
AND / OR WATER QUALITY CERTIFICATION

Chapter 151 of the Kentucky Revised Statutes requires approval from the Division of Water prior to any construction or other activity in or along a stream that could in any way obstruct flood flows or adversely impact water quality. *If the project involves work in a stream, such as bank stabilization, dredging or relocation, you will also need to obtain a 401 Water Quality Certification (WQC) from the Division of Water.* This completed form will be forwarded to the Water Quality Branch for WQC processing. The project may not start until all necessary approvals are received from the KDOW. For questions concerning the WQC process, contact the WQC section at 502/564-3410.

If the project will disturb more than 1 acre of soil, you will also need to complete the attached Notice of Intent for Storm Water Discharges, and return both forms to the Floodplain management Section of the KDOW. This general permit will require you to create an implement an erosion control plan for the project.

1. OWNER: Pike County Board of Education (Parcel #6 – US 460 Millard Curve Roadway Project)  
Give name of person(s), company, governmental unit, or other owner of proposed project.  
MAILING ADDRESS: 316 South Mayo Trail, Pikeville, KY 41501

TELEPHONE #: (606) 432-7700 EMAIL: http://pike.kyschools.us

2. AGENT: Stephen L. Arnold  
Give name of person(s) submitting application, if other than owner.  
ADDRESS: ~~815 West Market Street, Louisville, KY 40202~~

1046 EAST CHESTNUT STREET, LOUISVILLE, KY 40204  
TELEPHONE #: ~~(502) 992-2939~~ 719-7894 EMAIL: sarnold@gk4.com

3. ENGINEER: Stephen L. Arnold P.E. NUMBER: 16463  
Contact Division of Water if waiver can be granted.  
TELEPHONE #: same as above EMAIL: same as above

4. DESCRIPTION OF CONSTRUCTION: A portion of the excess material from the US 460 – Millard Curve roadway project is to be placed in the floodplain of Russell Fork, within Parcel #6. The material is to be placed from the edge of the established floodway of Russell Fork back towards US 460. The filled area encompasses approximately 18,125 square feet of the property with 1,947 cubic yards of material being placed.  
Describe the type and purpose of construction and describe stream impact

5. COUNTY: Pike NEAREST COMMUNITY: Millard

6. USGS QUAD NAME Millard LATITUDE/LONGITUDE: 37°23'12"N, 82°26'14" W

7. STREAM NAME: Russell Fork WATERSHED SIZE (in acres): 434,560

8. LINEAR FEET OF STREAM IMPACTED: No direct impact (filling in the floodplain)

9. DIRECTIONS TO SITE: The project site is located along US 460 and parallel to Russell Fork near Millard Middle School. Millard Middle School is located approximately 1.4 miles south of Millard, KY on US 460. Millard, KY is located approximately 9.0 miles southeast of Pikeville, KY.

- 10. IS ANY PORTION OF THE REQUESTED PROJECT NOW COMPLETE? Yes  No  If yes, identify the completed portion on the drawings you submit and indicate the date activity was completed. DATE: \_\_\_\_\_
- 11. ESTIMATED BEGIN CONSTRUCTION DATE: April, 2013
- 12. ESTIMATED END CONSTRUCTION DATE: April, 2014
- 13. HAS A PERMIT BEEN RECEIVED FROM THE US ARMY, CORPS of ENGINEERS? Yes  No  If yes, attach a copy of that permit.
- 14. THE APPLICANT **MUST** ADDRESS PUBLIC NOTICE:

(a) PUBLIC NOTICE HAS BEEN GIVEN FOR THIS PROPOSAL BY THE FOLLOWING MEANS:

- Public notice in newspaper having greatest circulation in area (provide newspaper clipping or affidavit)
- Adjacent property owner(s) affidavits (Contact Division of Water for requirements.)

(b)  I REQUEST WAIVER OF PUBLIC NOTICE BECAUSE:

\_\_\_\_\_  
Contact Division of Water for requirements.

15. I HAVE CONTACTED THE FOLLOWING CITY OR COUNTY OFFICIALS CONCERNING THIS PROJECT:

Mr. Jimmy Kiser, Pikeville, KY Floodplain Coordinator (Public Works Department)

Give name and title of person(s) contacted and provide copy of any approval city or county may have issued.

146 Main Street, Pikeville, KY 41501 (606) - 432-6204

16. LIST OF ATTACHMENTS: US 460 - Millard Curve plans, USGS site map, Russell Fork Hec-Ras Study

List plans, profiles, or other drawings and data submitted. Attach a copy of a 7.5 minute USGS topographic map clearly showing the project location.

17. I, ET (owner) CERTIFY THAT THE OWNER OWNS OR HAS EASEMENT RIGHTS ON ALL PROPERTY ON WHICH THIS PROJECT WILL BE LOCATED OR ON WHICH RELATED CONSTRUCTION WILL OCCUR (for dams, this includes the area that would be impounded during the design flood).

18. REMARKS: \_\_\_\_\_

I hereby request approval for construction across or along a stream as described in this application and any accompanying documents. To the best of my knowledge, all the information provided is true and correct.

SIGNATURE:

Earl Hesch

Owner or Agent sign here. (If signed by Agent, a Power of Attorney should be attached.)

DATE:

10-23-12

SIGNATURE OF LOCAL FLOODPLAIN COORDINATOR:

Jimmy Kiser

Permit application will be returned to applicant if not properly endorsed by the local floodplain coordinator.

DATE:

11/28/12

SUBMIT APPLICATION AND ATTACHMENTS TO:

Floodplain Management Section  
Division of Water  
14 Reilly Road  
Frankfort, KY 40601



COMMONWEALTH OF KENTUCKY  
NATURAL RESOURCES & ENVIRONMENTAL PROTECTION CABINET  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION  
DIVISION OF WATER

APPLICATION FOR PERMIT TO CONSTRUCT ACROSS OR ALONG A STREAM  
AND / OR WATER QUALITY CERTIFICATION

Chapter 151 of the Kentucky Revised Statutes requires approval from the Division of Water prior to any construction or other activity in or along a stream that could in any way obstruct flood flows or adversely impact water quality. *If the project involves work in a stream, such as bank stabilization, dredging or relocation, you will also need to obtain a 401 Water Quality Certification (WQC) from the Division of Water.* This completed form will be forwarded to the Water Quality Branch for WQC processing. The project may not start until all necessary approvals are received from the KDOW. For questions concerning the WQC process, contact the WQC section at 502/564-3410.

If the project will disturb more than 1 acre of soil, you will also need to complete the attached Notice of Intent for Storm Water Discharges, and return both forms to the Floodplain management Section of the KDOW. This general permit will require you to create an implement an erosion control plan for the project.

1. OWNER: James Harvey & Deloris Coleman (Parcel #11 – US 460 Millard Curve Roadway Project)  
Give name of person(s), company, governmental unit, or other owner of proposed project.

MAILING ADDRESS: 928 Powell's Creek Road, Pikeville, KY 41501

TELEPHONE #: (606) 432-8537 EMAIL: \_\_\_\_\_

2. AGENT: Stephen L. Arnold  
Give name of person(s) submitting application, if other than owner.

ADDRESS: 1046 East Chestnut Street, Louisville, KY 40204

TELEPHONE #: (502) 719-7894 EMAIL: sarnold@gk4.com

3. ENGINEER: Stephen L. Arnold P.E. NUMBER: 16463  
Contact Division of Water if waiver can be granted.

TELEPHONE #: same as above EMAIL: same as above

4. DESCRIPTION OF CONSTRUCTION: A portion of the excess material from the US 460 – Millard Curve roadway project is to be placed in the floodplain of Russell Fork, within Parcel #11. The material is to be placed from the edge of the established floodway of Russell Fork back towards US 460. The filled area encompasses approximately 79,549 square feet of the property with 39,425 cubic yards of material being placed.  
Describe the type and purpose of construction and describe stream impact

5. COUNTY: Pike NEAREST COMMUNITY: Millard

6. USGS QUAD NAME Millard LATITUDE/LONGITUDE: 37°23'12"N, 82°26'14" W

7. STREAM NAME: Russell Fork WATERSHED SIZE (in acres): 434,560

8. LINEAR FEET OF STREAM IMPACTED: No direct impact (filling in the floodplain)

9. DIRECTIONS TO SITE: The project site is located along US 460 and parallel to Russell Fork near Millard Middle School. Millard Middle School is located approximately 1.4 miles south of Millard, KY on US 460. Millard, KY is located approximately 9.0 miles southeast of Pikeville, KY.

- 10. IS ANY PORTION OF THE REQUESTED PROJECT NOW COMPLETE? Yes  No  If yes, identify the completed portion on the drawings you submit and indicate the date activity was completed. DATE: \_\_\_\_\_
- 11. ESTIMATED BEGIN CONSTRUCTION DATE: April, 2013
- 12. ESTIMATED END CONSTRUCTION DATE: April, 2014

13. HAS A PERMIT BEEN RECEIVED FROM THE US ARMY, CORPS of ENGINEERS? Yes  No  If yes, attach a copy of that permit.

14. THE APPLICANT *MUST* ADDRESS PUBLIC NOTICE:

(a) PUBLIC NOTICE HAS BEEN GIVEN FOR THIS PROPOSAL BY THE FOLLOWING MEANS:

- Public notice in newspaper having greatest circulation in area (provide newspaper clipping or affidavit)
- Adjacent property owner(s) affidavits (Contact Division of Water for requirements.)

(b)  I REQUEST WAIVER OF PUBLIC NOTICE BECAUSE:

\_\_\_\_\_ Contact Division of Water for requirements.

15. I HAVE CONTACTED THE FOLLOWING CITY OR COUNTY OFFICIALS CONCERNING THIS PROJECT:

Mr. Jimmy Kiser, Pikeville, KY Floodplain Coordinator (Public Works Department)

Give name and title of person(s) contacted and provide copy of any approval city or county may have issued.

146 Main Street, Pikeville, KY 41501 (606) - 432-6204

16. LIST OF ATTACHMENTS: US 460 - Millard Curve plans, USGS site map, Russell Fork Hec-Ras Study

List plans, profiles, or other drawings and data submitted. Attach a copy of a 7.5 minute USGS topographic map clearly showing the project location.

17. I, J. H. C. (owner) CERTIFY THAT THE OWNER OWNS OR HAS EASEMENT RIGHTS ON ALL PROPERTY ON WHICH THIS PROJECT WILL BE LOCATED OR ON WHICH RELATED CONSTRUCTION WILL OCCUR (for dams, this includes the area that would be impounded during the design flood).

18. REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

I hereby request approval for construction across or along a stream as described in this application and any accompanying documents. To the best of my knowledge, all the information provided is true and correct.

SIGNATURE: James H. Coleman  
Owner or Agent sign here. (If signed by Agent, a Power of Attorney should be attached.)

DATE: 11-27-2012

SIGNATURE OF LOCAL FLOODPLAIN COORDINATOR:

Jimmy Kiser  
Permit application will be returned to applicant if not properly endorsed by the local floodplain coordinator.

DATE: 11/28/12

SUBMIT APPLICATION AND ATTACHMENTS TO:

Floodplain Management Section  
Division of Water  
14 Reilly Road  
Frankfort, KY 40601

COMMONWEALTH OF KENTUCKY  
NATURAL RESOURCES & ENVIRONMENTAL PROTECTION CABINET  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION  
DIVISION OF WATER

APPLICATION FOR PERMIT TO CONSTRUCT ACROSS OR ALONG A STREAM  
AND / OR WATER QUALITY CERTIFICATION

Chapter 151 of the Kentucky Revised Statutes requires approval from the Division of Water prior to any construction or other activity in or along a stream that could in any way obstruct flood flows or adversely impact water quality. *If the project involves work in a stream, such as bank stabilization, dredging or relocation, you will also need to obtain a 401 Water Quality Certification (WQC) from the Division of Water.* This completed form will be forwarded to the Water Quality Branch for WQC processing. The project may not start until all necessary approvals are received from the KDOW. For questions concerning the WQC process, contact the WQC section at 502/564-3410.

If the project will disturb more than 1 acre of soil, you will also need to complete the attached Notice of Intent for Storm Water Discharges, and return both forms to the Floodplain management Section of the KDOW. This general permit will require you to create an implement an erosion control plan for the project.

1. OWNER: Lois C. Bogar ET. AL. (Parcel #13 – US 460 Millard Curve Roadway Project)  
Give name of person(s), company, governmental unit, or other owner of proposed project.

MAILING ADDRESS: 59 Bogar Drive, Pikeville, KY 41501

TELEPHONE #: (606) 432-2954 EMAIL: \_\_\_\_\_

2. AGENT: Stephen L. Arnold  
Give name of person(s) submitting application, if other than owner.

ADDRESS: 815 West Market Street, Louisville, KY 40202

1046 EAST CHESTNUT STREET, LOUISVILLE, KY 40204

TELEPHONE #: (502) 992-2939 719-7894 EMAIL: sarnold@qk4.com

3. ENGINEER: Stephen L. Arnold P.E. NUMBER: 16463  
Contact Division of Water if waiver can be granted.

TELEPHONE #: same as above EMAIL: same as above

4. DESCRIPTION OF CONSTRUCTION: A portion of the excess material from the US 460 – Millard Curve roadway project is to be placed in the floodplain of Russell Fork, within Parcel #13. The material is to be placed from the edge of the established floodway of Russell Fork back towards US 460. The filled area encompasses approximately 23,041 square feet of the property with 4,551 cubic yards of material being placed.  
Describe the type and purpose of construction and describe stream impact

5. COUNTY: Pike NEAREST COMMUNITY: Millard

6. USGS QUAD NAME Millard LATITUDE/LONGITUDE: 37^23'12"N, 82^26'14" W

7. STREAM NAME: Russell Fork WATERSHED SIZE (in acres): 434,560

8. LINEAR FEET OF STREAM IMPACTED: No direct impact (filling in the floodplain)

9. DIRECTIONS TO SITE: The project site is located along US 460 and parallel to Russell Fork near Millard Middle School. Millard Middle School is located approximately 1.4 miles south of Millard, KY on US 460. Millard, KY is located approximately 9.0 miles southeast of Pikeville, KY.

- 10. IS ANY PORTION OF THE REQUESTED PROJECT NOW COMPLETE? Yes  No  If yes, identify the completed portion on the drawings you submit and indicate the date activity was completed. DATE: \_\_\_\_\_
- 11. ESTIMATED BEGIN CONSTRUCTION DATE: April, 2013
- 12. ESTIMATED END CONSTRUCTION DATE: April, 2014

13. HAS A PERMIT BEEN RECEIVED FROM THE US ARMY, CORPS of ENGINEERS? Yes  No  If yes, attach a copy of that permit.

- 14. THE APPLICANT *MUST* ADDRESS PUBLIC NOTICE:
  - (a) PUBLIC NOTICE HAS BEEN GIVEN FOR THIS PROPOSAL BY THE FOLLOWING MEANS:
    - Public notice in newspaper having greatest circulation in area (provide newspaper clipping or affidavit)
    - Adjacent property owner(s) affidavits (Contact Division of Water for requirements.)
  - (b)  I REQUEST WAIVER OF PUBLIC NOTICE BECAUSE:

\_\_\_\_\_ Contact Division of Water for requirements.

15. I HAVE CONTACTED THE FOLLOWING CITY OR COUNTY OFFICIALS CONCERNING THIS PROJECT:  
Mr. Jimmy Kiser, Pikeville, KY Floodplain Coordinator (Public Works Department)  
 Give name and title of person(s) contacted and provide copy of any approval city or county may have issued.  
146 Main Street, Pikeville, KY 41501 (606) – 432-6204

16. LIST OF ATTACHMENTS: US 460 – Millard Curve plans, USGS site map, Russell Fork Hec-Ras Study  
 List plans, profiles, or other drawings and data submitted. Attach a copy of a 7.5 minute USGS topographic map clearly showing the project location.

17. I, LCB (owner) CERTIFY THAT THE OWNER OWNS OR HAS EASEMENT RIGHTS ON ALL PROPERTY ON WHICH THIS PROJECT WILL BE LOCATED OR ON WHICH RELATED CONSTRUCTION WILL OCCUR (for dams, this includes the area that would be impounded during the design flood).

18. REMARKS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

I hereby request approval for construction across or along a stream as described in this application and any accompanying documents. To the best of my knowledge, all the information provided is true and correct.

SIGNATURE: Lois C. Boger  
 Owner or Agent sign here. (If signed by Agent, a Power of Attorney should be attached.)

DATE: 10-12-12

SIGNATURE OF LOCAL FLOODPLAIN COORDINATOR:  
Jimmy Kiser  
 Permit application will be returned to applicant if not properly endorsed by the local floodplain coordinator.

DATE: 11/16/12

SUBMIT APPLICATION AND ATTACHMENTS TO:

Floodplain Management Section  
 Division of Water  
 14 Reilly Road  
 Frankfort, KY 40601

COMMONWEALTH OF KENTUCKY  
NATURAL RESOURCES & ENVIRONMENTAL PROTECTION CABINET  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION  
DIVISION OF WATER

APPLICATION FOR PERMIT TO CONSTRUCT ACROSS OR ALONG A STREAM  
AND / OR WATER QUALITY CERTIFICATION

Chapter 151 of the Kentucky Revised Statutes requires approval from the Division of Water prior to any construction or other activity in or along a stream that could in any way obstruct flood flows or adversely impact water quality. *If the project involves work in a stream, such as bank stabilization, dredging or relocation, you will also need to obtain a 401 Water Quality Certification (WQC) from the Division of Water.* This completed form will be forwarded to the Water Quality Branch for WQC processing. The project may not start until all necessary approvals are received from the KDOW. For questions concerning the WQC process, contact the WQC section at 502/564-3410.

If the project will disturb more than 1 acre of soil, you will also need to complete the attached Notice of Intent for Storm Water Discharges, and return both forms to the Floodplain management Section of the KDOW. This general permit will require you to create an implement an erosion control plan for the project.

1. OWNER: Lois C. Bogar ET. AL. (Parcel #14 – US 460 Millard Curve Roadway Project)  
Give name of person(s), company, governmental unit, or other owner of proposed project.

MAILING ADDRESS: 59 Bogar Drive, Pikeville, KY 41501

TELEPHONE #: (606) 432-2954 EMAIL: \_\_\_\_\_

2. AGENT: Stephen L. Arnold  
Give name of person(s) submitting application, if other than owner.

ADDRESS: 815 West Market Street, Louisville, KY 40202

1046 EAST CHESTNUT STREET, LOUISVILLE, KY. 40204

TELEPHONE #: (502) 992-2939 719-7894 EMAIL: sarnold@qk4.com

3. ENGINEER: Stephen L. Arnold P.E. NUMBER: 16463  
Contact Division of Water if waiver can be granted.

TELEPHONE #: same as above EMAIL: same as above

4. DESCRIPTION OF CONSTRUCTION: A portion of the excess material from the US 460 – Millard Curve roadway project is to be placed in the floodplain of Russell Fork, within Parcel #14. The material is to be placed from the edge of the established floodway of Russell Fork back towards US 460. The filled area encompasses approximately 24,218 square feet of the property with 4,735 cubic yards of material being placed.  
Describe the type and purpose of construction and describe stream impact

5. COUNTY: Pike NEAREST COMMUNITY: Millard

6. USGS QUAD NAME Millard LATITUDE/LONGITUDE: 37^23'12"N, 82^26'14" W

7. STREAM NAME: Russell Fork WATERSHED SIZE (in acres): 434,560

8. LINEAR FEET OF STREAM IMPACTED: No direct impact (filling in the floodplain)

9. DIRECTIONS TO SITE: The project site is located along US 460 and parallel to Russell Fork near Millard Middle School. Millard Middle School is located approximately 1.4 miles south of Millard, KY on US 460. Millard, KY is located approximately 9.0 miles southeast of Pikeville, KY.

- 10. IS ANY PORTION OF THE REQUESTED PROJECT NOW COMPLETE? Yes  No  If yes, identify the completed portion on the drawings you submit and indicate the date activity was completed. DATE: \_\_\_\_\_
- 11. ESTIMATED BEGIN CONSTRUCTION DATE: April, 2013
- 12. ESTIMATED END CONSTRUCTION DATE: April, 2014

13. HAS A PERMIT BEEN RECEIVED FROM THE US ARMY, CORPS of ENGINEERS? Yes  No  If yes, attach a copy of that permit.

- 14. THE APPLICANT *MUST* ADDRESS PUBLIC NOTICE:
  - (a) PUBLIC NOTICE HAS BEEN GIVEN FOR THIS PROPOSAL BY THE FOLLOWING MEANS:
    - Public notice in newspaper having greatest circulation in area (provide newspaper clipping or affidavit)
    - Adjacent property owner(s) affidavits (Contact Division of Water for requirements.)
  - (b)  I REQUEST WAIVER OF PUBLIC NOTICE BECAUSE:
 

\_\_\_\_\_

Contact Division of Water for requirements.

15. I HAVE CONTACTED THE FOLLOWING CITY OR COUNTY OFFICIALS CONCERNING THIS PROJECT:  
Mr. Jimmy Kiser, Pikeville, KY Floodplain Coordinator (Public Works Department)  
 Give name and title of person(s) contacted and provide copy of any approval city or county may have issued.  
146 Main Street, Pikeville, KY 41501 (606) – 432-6204

16. LIST OF ATTACHMENTS: US 460 – Millard Curve plans, USGS site map, Russell Fork Hec-Ras Study  
 List plans, profiles, or other drawings and data submitted. Attach a copy of a 7.5 minute USGS topographic map clearly showing the project location.

17. L.C.B. (owner) CERTIFY THAT THE OWNER OWNS OR HAS EASEMENT RIGHTS ON ALL PROPERTY ON WHICH THIS PROJECT WILL BE LOCATED OR ON WHICH RELATED CONSTRUCTION WILL OCCUR (for dams, this includes the area that would be impounded during the design flood).

18. REMARKS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

I hereby request approval for construction across or along a stream as described in this application and any accompanying documents. To the best of my knowledge, all the information provided is true and correct.

SIGNATURE: Laura C. Baggett  
 Owner or Agent sign here. (If signed by Agent, a Power of Attorney should be attached.)

DATE: 10-12-12

SIGNATURE OF LOCAL FLOODPLAIN COORDINATOR:  
Jimmy Kiser  
 Permit application will be returned to applicant if not properly endorsed by the local floodplain coordinator.

DATE: 11/16/12

SUBMIT APPLICATION AND ATTACHMENTS TO:  
 Floodplain Management Section  
 Division of Water  
 14 Reilly Road  
 Frankfort, KY 40601

COMMONWEALTH OF KENTUCKY  
NATURAL RESOURCES & ENVIRONMENTAL PROTECTION CABINET  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION  
DIVISION OF WATER

APPLICATION FOR PERMIT TO CONSTRUCT ACROSS OR ALONG A STREAM  
AND / OR WATER QUALITY CERTIFICATION

Chapter 151 of the Kentucky Revised Statutes requires approval from the Division of Water prior to any construction or other activity in or along a stream that could in any way obstruct flood flows or adversely impact water quality. *If the project involves work in a stream, such as bank stabilization, dredging or relocation, you will also need to obtain a 401 Water Quality Certification (WQC) from the Division of Water.* This completed form will be forwarded to the Water Quality Branch for WQC processing. The project may not start until all necessary approvals are received from the KDOW. For questions concerning the WQC process, contact the WQC section at 502/564-3410.

If the project will disturb more than 1 acre of soil, you will also need to complete the attached Notice of Intent for Storm Water Discharges, and return both forms to the Floodplain management Section of the KDOW. This general permit will require you to create an implement an erosion control plan for the project.

1. OWNER: Roy and Lois C. Bogar (Parcel #15 – US 460 Millard Curve Roadway Project)  
Give name of person(s), company, governmental unit, or other owner of proposed project.

MAILING ADDRESS: 59 Bogar Drive, Pikeville, KY 41501

TELEPHONE #: (606) 432-2954 EMAIL: \_\_\_\_\_

2. AGENT: Stephen L. Arnold  
Give name of person(s) submitting application, if other than owner.

ADDRESS: ~~815 West Market Street, Louisville, KY 40202~~

1046 EAST CHESTNUT STREET, LOUISVILLE, KY. 40204

TELEPHONE #: (502) 992-2939 719-7894 EMAIL: sarnold@qk4.com

3. ENGINEER: Stephen L. Arnold P.E. NUMBER: 16463  
Contact Division of Water if waiver can be granted.

TELEPHONE #: same as above EMAIL: same as above

4. DESCRIPTION OF CONSTRUCTION: A portion of the excess material from the US 460 – Millard Curve roadway  
Describe the type and purpose of construction and describe stream impact  
project is to be placed in the floodplain of Russell Fork, within Parcel #15. The material is to be placed from the edge  
of the established floodway of Russell Fork back towards US 460. The filled area encompasses approximately  
15,838 square feet of the property with 3,845 cubic yards of material being placed.

5. COUNTY: Pike NEAREST COMMUNITY: Millard

6. USGS QUAD NAME Millard LATITUDE/LONGITUDE: 37^23'12"N, 82^26'14" W

7. STREAM NAME: Russell Fork WATERSHED SIZE (in acres): 434,560

8. LINEAR FEET OF STREAM IMPACTED: No direct impact (filling in the floodplain)

9. DIRECTIONS TO SITE: The project site is located along US 460 and parallel to Russell Fork near Millard Middle  
School. Millard Middle School is located approximately 1.4 miles south of Millard, KY on US 460. Millard, KY is  
located approximately 9.0 miles southeast of Pikeville, KY.

- 10. IS ANY PORTION OF THE REQUESTED PROJECT NOW COMPLETE? Yes  No  If yes, identify the completed portion on the drawings you submit and indicate the date activity was completed. DATE: \_\_\_\_\_
- 11. ESTIMATED BEGIN CONSTRUCTION DATE: April, 2013
- 12. ESTIMATED END CONSTRUCTION DATE: April, 2014

- 13. HAS A PERMIT BEEN RECEIVED FROM THE US ARMY, CORPS of ENGINEERS? Yes  No  If yes, attach a copy of that permit.
- 14. THE APPLICANT **MUST** ADDRESS PUBLIC NOTICE:

- (a) PUBLIC NOTICE HAS BEEN GIVEN FOR THIS PROPOSAL BY THE FOLLOWING MEANS:
  - Public notice in newspaper having greatest circulation in area (provide newspaper clipping or affidavit)
  - Adjacent property owner(s) affidavits (Contact Division of Water for requirements.)
- (b)  I REQUEST WAIVER OF PUBLIC NOTICE BECAUSE:

\_\_\_\_\_ Contact Division of Water for requirements.

- 15. I HAVE CONTACTED THE FOLLOWING CITY OR COUNTY OFFICIALS CONCERNING THIS PROJECT:
  - Mr. Jimmy Kiser, Pikeville, KY Floodplain Coordinator (Public Works Department)
  - Give name and title of person(s) contacted and provide copy of any approval city or county may have issued.
  - 146 Main Street, Pikeville, KY 41501 (606) – 432-6204

- 16. LIST OF ATTACHMENTS: US 460 – Millard Curve plans, USGS site map, Russell Fork Hec-Ras Study  
List plans, profiles, or other drawings and data submitted. Attach a copy of a 7.5 minute USGS topographic map clearly showing the project location.

- 17. I, L & B (owner) CERTIFY THAT THE OWNER OWNS OR HAS EASEMENT RIGHTS ON ALL PROPERTY ON WHICH THIS PROJECT WILL BE LOCATED OR ON WHICH RELATED CONSTRUCTION WILL OCCUR (for dams, this includes the area that would be impounded during the design flood).

- 18. REMARKS: \_\_\_\_\_

I hereby request approval for construction across or along a stream as described in this application and any accompanying documents. To the best of my knowledge, all the information provided is true and correct.

SIGNATURE: Louis C. Boyer Rog J Boyer  
Owner or Agent sign here. (If signed by Agent, a Power of Attorney should be attached.)

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

SIGNATURE OF LOCAL FLOODPLAIN COORDINATOR:  
Jimmy Kiser  
Permit application will be returned to applicant if not properly endorsed by the local floodplain coordinator.

DATE: 11/16/12

SUBMIT APPLICATION AND ATTACHMENTS TO:

Floodplain Management Section  
Division of Water  
14 Reilly Road  
Frankfort, KY 40601



COMMONWEALTH OF KENTUCKY  
NATURAL RESOURCES & ENVIRONMENTAL PROTECTION CABINET  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION  
DIVISION OF WATER

APPLICATION FOR PERMIT TO CONSTRUCT ACROSS OR ALONG A STREAM  
AND / OR WATER QUALITY CERTIFICATION

Chapter 151 of the Kentucky Revised Statutes requires approval from the Division of Water prior to any construction or other activity in or along a stream that could in any way obstruct flood flows or adversely impact water quality. *If the project involves work in a stream, such as bank stabilization, dredging or relocation, you will also need to obtain a 401 Water Quality Certification (WQC) from the Division of Water.* This completed form will be forwarded to the Water Quality Branch for WQC processing. The project may not start until all necessary approvals are received from the KDOW. For questions concerning the WQC process, contact the WQC section at 502/564-3410.

If the project will disturb more than 1 acre of soil, you will also need to complete the attached Notice of Intent for Storm Water Discharges, and return both forms to the Floodplain management Section of the KDOW. This general permit will require you to create an implement an erosion control plan for the project.

1. OWNER: 1.) Randy Looney 2.) Patricia Slone 3.) Sandra Williamson (Parcel #16 – US 460 Millard Curve Project)  
Give name of person(s), company, governmental unit, or other owner of proposed project.

MAILING ADDRESS: 1.) 145 Mullins Addition Dr., Pikeville, KY 41501

2.) 445 Lick Creek Rd., Lick Creek, KY 41540-8122 3.) 62 Powells Creek Rd., Pikeville, KY 41501

TELEPHONE #: 3.) (606) 432-3033 EMAIL: 3.) john.williamson@suddenlink.net

2. AGENT: Stephen L. Arnold  
Give name of person(s) submitting application, if other than owner.

ADDRESS: 815 West Market Street, Louisville, KY 40202

1046 EAST CHESTNUT STREET, LOUISVILLE, KY 40264

TELEPHONE #: (502) 992-2939 719-7894 EMAIL: sarnold@qk4.com

3. ENGINEER: Stephen L. Arnold P.E. NUMBER: 16463  
Contact Division of Water if waiver can be granted.

TELEPHONE #: same as above EMAIL: same as above

4. DESCRIPTION OF CONSTRUCTION: A portion of the excess material from the US 460 – Millard Curve roadway  
Describe the type and purpose of construction and describe stream impact  
project is to be placed in the floodplain of Russell Fork, within Parcel #16. The material is to be placed from the edge  
of the established floodway of Russell Fork back towards US 460. The filled area encompasses approximately  
14,628 square feet of the property with 3,665 cubic yards of material being placed.

5. COUNTY: Pike NEAREST COMMUNITY: Millard

6. USGS QUAD NAME Millard LATITUDE/LONGITUDE: 37°23'12"N, 82°26'14" W

7. STREAM NAME: Russell Fork WATERSHED SIZE (in acres): 434,560

8. LINEAR FEET OF STREAM IMPACTED: No direct impact (filling in the floodplain)

9. DIRECTIONS TO SITE: The project site is located along US 460 and parallel to Russell Fork near Millard Middle  
School. Millard Middle School is located approximately 1.4 miles south of Millard, KY on US 460. Millard, KY is  
located approximately 9.0 miles southeast of Pikeville, KY.

- 10. IS ANY PORTION OF THE REQUESTED PROJECT NOW COMPLETE? Yes  No  If yes, identify the completed portion on the drawings you submit and indicate the date activity was completed. DATE: \_\_\_\_\_
- 11. ESTIMATED BEGIN CONSTRUCTION DATE: April, 2013
- 12. ESTIMATED END CONSTRUCTION DATE: April, 2014

- 13. HAS A PERMIT BEEN RECEIVED FROM THE US ARMY, CORPS of ENGINEERS? Yes  No  If yes, attach a copy of that permit.
- 14. THE APPLICANT *MUST* ADDRESS PUBLIC NOTICE:

(a) PUBLIC NOTICE HAS BEEN GIVEN FOR THIS PROPOSAL BY THE FOLLOWING MEANS:

- Public notice in newspaper having greatest circulation in area (provide newspaper clipping or affidavit)
- Adjacent property owner(s) affidavits (Contact Division of Water for requirements.)

(b)  I REQUEST WAIVER OF PUBLIC NOTICE BECAUSE:

\_\_\_\_\_   
 Contact Division of Water for requirements.

- 15. I HAVE CONTACTED THE FOLLOWING CITY OR COUNTY OFFICIALS CONCERNING THIS PROJECT:

Mr. Jimmy Kiser, Pikeville, KY Floodplain Coordinator (Public Works Department)

Give name and title of person(s) contacted and provide copy of any approval city or county may have issued.

146 Main Street, Pikeville, KY 41501 (606) – 432-6204

- 16. LIST OF ATTACHMENTS: US 460 – Millard Curve plans, USGS site map, Russell Fork Hec-Ras Study  
List plans, profiles, or other drawings and data submitted. Attach a copy of a 7.5 minute USGS topographic map clearly showing the project location.

- 17. I, RL (owner) CERTIFY THAT THE OWNER OWNS OR HAS EASEMENT RIGHTS ON ALL PROPERTY ON WHICH THIS PROJECT WILL BE LOCATED OR ON WHICH RELATED CONSTRUCTION WILL OCCUR (for dams, this includes the area that would be impounded during the design flood).

- 18. REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

I hereby request approval for construction across or along a stream as described in this application and any accompanying documents. To the best of my knowledge, all the information provided is true and correct.

SIGNATURE: Kandy Koney  
Owner or Agent sign here. (If signed by Agent, a Power of Attorney should be attached.)

DATE: 10-6-2012

SIGNATURE OF LOCAL FLOODPLAIN COORDINATOR:

Jimmy Kiser  
Permit application will be returned to applicant if not properly endorsed by the local floodplain coordinator.

DATE: 11/16/12

SUBMIT APPLICATION AND ATTACHMENTS TO:

Floodplain Management Section  
Division of Water  
14 Reilly Road  
Frankfort, KY 40601

COMMONWEALTH OF KENTUCKY  
NATURAL RESOURCES & ENVIRONMENTAL PROTECTION CABINET  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION  
DIVISION OF WATER

APPLICATION FOR PERMIT TO CONSTRUCT ACROSS OR ALONG A STREAM  
AND / OR WATER QUALITY CERTIFICATION

Chapter 151 of the Kentucky Revised Statutes requires approval from the Division of Water prior to any construction or other activity in or along a stream that could in any way obstruct flood flows or adversely impact water quality. *If the project involves work in a stream, such as bank stabilization, dredging or relocation, you will also need to obtain a 401 Water Quality Certification (WQC) from the Division of Water.* This completed form will be forwarded to the Water Quality Branch for WQC processing. The project may not start until all necessary approvals are received from the KDOW. For questions concerning the WQC process, contact the WQC section at 502/564-3410.

If the project will disturb more than 1 acre of soil, you will also need to complete the attached Notice of Intent for Storm Water Discharges, and return both forms to the Floodplain management Section of the KDOW. This general permit will require you to create an implement an erosion control plan for the project.

1. OWNER: 1.) Randy Looney 2.) Patricia Slone 3.) Sandra Williamson (Parcel #16 – US 460 Millard Curve Project)  
Give name of person(s), company, governmental unit, or other owner of proposed project.

MAILING ADDRESS: 1.) 145 Mullins Addition Dr., Pikeville, KY 41501

2.) 445 Lick Creek Rd., Lick Creek, KY 41540-8122 3.) 62 Powells Creek Rd., Pikeville, KY 41501

TELEPHONE #: 3.) (606) 432-3033 EMAIL: 3.) john.williamson@suddenlink.net

2. AGENT: Stephen L. Arnold  
Give name of person(s) submitting application, if other than owner.

ADDRESS: 815 West Market Street, Louisville, KY 40202

1046 EAST CHESTNUT STREET, LOUISVILLE, KY 40204

TELEPHONE #: (502) 992-2939 719-7894 EMAIL: sarnold@qk4.com

3. ENGINEER: Stephen L. Arnold P.E. NUMBER: 16463  
Contact Division of Water if waiver can be granted.

TELEPHONE #: same as above EMAIL: same as above

4. DESCRIPTION OF CONSTRUCTION: A portion of the excess material from the US 460 – Millard Curve roadway  
Describe the type and purpose of construction and describe stream impact  
project is to be placed in the floodplain of Russell Fork, within Parcel #16. The material is to be placed from the edge  
of the established floodway of Russell Fork back towards US 460. The filled area encompasses approximately  
14,628 square feet of the property with 3,665 cubic yards of material being placed.

5. COUNTY: Pike NEAREST COMMUNITY: Millard

6. USGS QUAD NAME Millard LATITUDE/LONGITUDE: 37°23'12"N, 82°26'14"W

7. STREAM NAME: Russell Fork WATERSHED SIZE (in acres): 434,560

8. LINEAR FEET OF STREAM IMPACTED: No direct impact (filling in the floodplain)

9. DIRECTIONS TO SITE: The project site is located along US 460 and parallel to Russell Fork near Millard Middle  
School. Millard Middle School is located approximately 1.4 miles south of Millard, KY on US 460. Millard, KY is  
located approximately 9.0 miles southeast of Pikeville, KY.

- 10. IS ANY PORTION OF THE REQUESTED PROJECT NOW COMPLETE? Yes  No  If yes, identify the completed portion on the drawings you submit and indicate the date activity was completed. DATE: \_\_\_\_\_
- 11. ESTIMATED BEGIN CONSTRUCTION DATE: April, 2013
- 12. ESTIMATED END CONSTRUCTION DATE: April, 2014

13. HAS A PERMIT BEEN RECEIVED FROM THE US ARMY, CORPS of ENGINEERS? Yes  No  If yes, attach a copy of that permit.

- 14. THE APPLICANT *MUST* ADDRESS PUBLIC NOTICE:
  - (a) PUBLIC NOTICE HAS BEEN GIVEN FOR THIS PROPOSAL BY THE FOLLOWING MEANS:
    - Public notice in newspaper having greatest circulation in area (provide newspaper clipping or affidavit)
    - Adjacent property owner(s) affidavits (Contact Division of Water for requirements.)

(b)  I REQUEST WAIVER OF PUBLIC NOTICE BECAUSE:  
 \_\_\_\_\_  
 Contact Division of Water for requirements.

15. I HAVE CONTACTED THE FOLLOWING CITY OR COUNTY OFFICIALS CONCERNING THIS PROJECT:  
Mr. Jimmy Kiser, Pikeville, KY Floodplain Coordinator (Public Works Department)  
 Give name and title of person(s) contacted and provide copy of any approval city or county may have issued.  
146 Main Street, Pikeville, KY 41501 (606) – 432-6204

16. LIST OF ATTACHMENTS: US 460 – Millard Curve plans, USGS site map, Russell Fork Hec-Ras Study  
 List plans, profiles, or other drawings and data submitted. Attach a copy of a 7.5 minute USGS topographic map clearly showing the project location.

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

17. I, SW (owner) CERTIFY THAT THE OWNER OWNS OR HAS EASEMENT RIGHTS ON ALL PROPERTY ON WHICH THIS PROJECT WILL BE LOCATED OR ON WHICH RELATED CONSTRUCTION WILL OCCUR (for dams, this includes the area that would be impounded during the design flood).

18. REMARKS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

I hereby request approval for construction across or along a stream as described in this application and any accompanying documents. To the best of my knowledge, all the information provided is true and correct.

SIGNATURE: *Dorinda L. Williamson*  
 Owner or Agent sign here. (If signed by Agent, a Power of Attorney should be attached.)

DATE: Oct 9, 2012

SIGNATURE OF LOCAL FLOODPLAIN COORDINATOR:  
*Jimmy Kiser*  
 Permit application will be returned to applicant if not properly endorsed by the local floodplain coordinator.

DATE: 11/16/12

SUBMIT APPLICATION AND ATTACHMENTS TO:  
 Floodplain Management Section  
 Division of Water  
 14 Reilly Road  
 Frankfort, KY 40601

COMMONWEALTH OF KENTUCKY  
NATURAL RESOURCES & ENVIRONMENTAL PROTECTION CABINET  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION  
DIVISION OF WATER

APPLICATION FOR PERMIT TO CONSTRUCT ACROSS OR ALONG A STREAM  
AND / OR WATER QUALITY CERTIFICATION

Chapter 151 of the Kentucky Revised Statutes requires approval from the Division of Water prior to any construction or other activity in or along a stream that could in any way obstruct flood flows or adversely impact water quality. *If the project involves work in a stream, such as bank stabilization, dredging or relocation, you will also need to obtain a 401 Water Quality Certification (WQC) from the Division of Water.* This completed form will be forwarded to the Water Quality Branch for WQC processing. The project may not start until all necessary approvals are received from the KDOW. For questions concerning the WQC process, contact the WQC section at 502/564-3410.

If the project will disturb more than 1 acre of soil, you will also need to complete the attached Notice of Intent for Storm Water Discharges, and return both forms to the Floodplain management Section of the KDOW. This general permit will require you to create an implement an erosion control plan for the project.

1. OWNER: 1.) Randy Looney 2.) Patricia Slone 3.) Sandra Williamson (Parcel #16 – US 460 Millard Curve Project)  
Give name of person(s), company, governmental unit, or other owner of proposed project.

MAILING ADDRESS: 1.) 145 Mullins Addition Dr., Pikeville, KY 41501

2.) 445 Lick Creek Rd., Lick Creek, KY 41540-8122 3.) 62 Powells Creek Rd., Pikeville, KY 41501

TELEPHONE #: 3.) (606) 432-3033 EMAIL: 3.) john.williamson@suddenlink.net

2. AGENT: Stephen L. Arnold  
Give name of person(s) submitting application, if other than owner.

ADDRESS: ~~815 West Market Street, Louisville, KY 40202~~

1046 EAST CHESTNUT STREET, LOUISVILLE, KY 40204

TELEPHONE #: (502) ~~992-2939~~ 719-7894 EMAIL: sarnold@qk4.com

3. ENGINEER: Stephen L. Arnold P.E. NUMBER: 16463  
Contact Division of Water if waiver can be granted.

TELEPHONE #: same as above EMAIL: same as above

4. DESCRIPTION OF CONSTRUCTION: A portion of the excess material from the US 460 – Millard Curve roadway project is to be placed in the floodplain of Russell Fork, within Parcel #16. The material is to be placed from the edge of the established floodway of Russell Fork back towards US 460. The filled area encompasses approximately 14,628 square feet of the property with 3,665 cubic yards of material being placed.  
Describe the type and purpose of construction and describe stream impact

5. COUNTY: Pike NEAREST COMMUNITY: Millard

6. USGS QUAD NAME Millard LATITUDE/LONGITUDE: 37°23'12"N, 82°26'14" W

7. STREAM NAME: Russell Fork WATERSHED SIZE (in acres): 434,560

8. LINEAR FEET OF STREAM IMPACTED: No direct impact (filling in the floodplain)

9. DIRECTIONS TO SITE: The project site is located along US 460 and parallel to Russell Fork near Millard Middle School. Millard Middle School is located approximately 1.4 miles south of Millard, KY on US 460. Millard, KY is located approximately 9.0 miles southeast of Pikeville, KY.

- 10. IS ANY PORTION OF THE REQUESTED PROJECT NOW COMPLETE? Yes  No  If yes, identify the completed portion on the drawings you submit and indicate the date activity was completed. DATE: \_\_\_\_\_
- 11. ESTIMATED BEGIN CONSTRUCTION DATE: April, 2013
- 12. ESTIMATED END CONSTRUCTION DATE: April, 2014

13. HAS A PERMIT BEEN RECEIVED FROM THE US ARMY, CORPS of ENGINEERS? Yes  No  If yes, attach a copy of that permit.

- 14. THE APPLICANT *MUST* ADDRESS PUBLIC NOTICE:
  - (a) PUBLIC NOTICE HAS BEEN GIVEN FOR THIS PROPOSAL BY THE FOLLOWING MEANS:
    - Public notice in newspaper having greatest circulation in area (provide newspaper clipping or affidavit)
    - Adjacent property owner(s) affidavits (Contact Division of Water for requirements.)
  - (b)  I REQUEST WAIVER OF PUBLIC NOTICE BECAUSE:

\_\_\_\_\_ Contact Division of Water for requirements.

- 15. I HAVE CONTACTED THE FOLLOWING CITY OR COUNTY OFFICIALS CONCERNING THIS PROJECT:
  - Mr. Jimmy Kiser, Pikeville, KY Floodplain Coordinator (Public Works Department)
  - Give name and title of person(s) contacted and provide copy of any approval city or county may have issued.
  - 146 Main Street, Pikeville, KY 41501 (606) – 432-6204

- 16. LIST OF ATTACHMENTS: US 460 – Millard Curve plans, USGS site map, Russell Fork Hec-Ras Study  
List plans, profiles, or other drawings and data submitted. Attach a copy of a 7.5 minute USGS topographic map clearly showing the project location.

- 17. I, Pos (owner) CERTIFY THAT THE OWNER OWNS OR HAS EASEMENT RIGHTS ON ALL PROPERTY ON WHICH THIS PROJECT WILL BE LOCATED OR ON WHICH RELATED CONSTRUCTION WILL OCCUR (for dams, this includes the area that would be impounded during the design flood).

- 18. REMARKS: \_\_\_\_\_

I hereby request approval for construction across or along a stream as described in this application and any accompanying documents. To the best of my knowledge, all the information provided is true and correct.

SIGNATURE: Patricia L. Stone  
Owner or Agent sign here. (If signed by Agent, a Power of Attorney should be attached.)

DATE: 10/18/12

SIGNATURE OF LOCAL FLOODPLAIN COORDINATOR: Jimmy Kiser  
Permit application will be returned to applicant if not properly endorsed by the local floodplain coordinator.

DATE: 11/16/12

SUBMIT APPLICATION AND ATTACHMENTS TO:

Floodplain Management Section  
Division of Water  
14 Reilly Road  
Frankfort, KY 40601

COMMONWEALTH OF KENTUCKY  
NATURAL RESOURCES & ENVIRONMENTAL PROTECTION CABINET  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION  
DIVISION OF WATER

APPLICATION FOR PERMIT TO CONSTRUCT ACROSS OR ALONG A STREAM  
AND / OR WATER QUALITY CERTIFICATION

Chapter 151 of the Kentucky Revised Statutes requires approval from the Division of Water prior to any construction or other activity in or along a stream that could in any way obstruct flood flows or adversely impact water quality. *If the project involves work in a stream, such as bank stabilization, dredging or relocation, you will also need to obtain a 401 Water Quality Certification (WQC) from the Division of Water.* This completed form will be forwarded to the Water Quality Branch for WQC processing. The project may not start until all necessary approvals are received from the KDOW. For questions concerning the WQC process, contact the WQC section at 502/564-3410.

If the project will disturb more than 1 acre of soil, you will also need to complete the attached Notice of Intent for Storm Water Discharges, and return both forms to the Floodplain management Section of the KDOW. This general permit will require you to create an implement an erosion control plan for the project.

1. OWNER: Riley Coleman Jr. (Parcel #17 – US 460 Millard Curve Roadway Project)  
Give name of person(s), company, governmental unit, or other owner of proposed project.

MAILING ADDRESS: 7716 Chelsea Court, Hamilton, Ohio 45011

TELEPHONE #: (513) 330-5033 EMAIL: \_\_\_\_\_

2. AGENT: Stephen L. Arnold  
Give name of person(s) submitting application, if other than owner.

ADDRESS: ~~815 West Market Street, Louisville, KY 40202~~

1046 EAST CHESTNUT STREET, LOUISVILLE, KY 40204

TELEPHONE #: (502) 992-2939 719-7894 EMAIL: sarnold@qk4.com

3. ENGINEER: Stephen L. Arnold P.E. NUMBER: 16463  
Contact Division of Water if waiver can be granted.

TELEPHONE #: same as above EMAIL: same as above

4. DESCRIPTION OF CONSTRUCTION: A portion of the excess material from the US 460 – Millard Curve roadway project is to be placed in the floodplain of Russell Fork, within Parcel #17. The material is to be placed from the edge of the established floodway of Russell Fork back towards US 460. The filled area encompasses approximately 11,276 square feet of the property with 3,170 cubic yards of material being placed.  
Describe the type and purpose of construction and describe stream impact

5. COUNTY: Pike NEAREST COMMUNITY: Millard

6. USGS QUAD NAME Millard LATITUDE/LONGITUDE: 37^23'12"N, 82^26'14" W

7. STREAM NAME: Russell Fork WATERSHED SIZE (in acres): 434.560

8. LINEAR FEET OF STREAM IMPACTED: No direct impact (filling in the floodplain)

9. DIRECTIONS TO SITE: The project site is located along US 460 and parallel to Russell Fork near Millard Middle School. Millard Middle School is located approximately 1.4 miles south of Millard, KY on US 460. Millard, KY is located approximately 9.0 miles southeast of Pikeville, KY.

- 10. IS ANY PORTION OF THE REQUESTED PROJECT NOW COMPLETE? Yes  No  If yes, identify the completed portion on the drawings you submit and indicate the date activity was completed. DATE: \_\_\_\_\_
- 11. ESTIMATED BEGIN CONSTRUCTION DATE: April, 2013
- 12. ESTIMATED END CONSTRUCTION DATE: April, 2014

13. HAS A PERMIT BEEN RECEIVED FROM THE US ARMY, CORPS of ENGINEERS? Yes  No  If yes, attach a copy of that permit.

- 14. THE APPLICANT *MUST* ADDRESS PUBLIC NOTICE:
  - (a) PUBLIC NOTICE HAS BEEN GIVEN FOR THIS PROPOSAL BY THE FOLLOWING MEANS:
    - Public notice in newspaper having greatest circulation in area (provide newspaper clipping or affidavit)
    - Adjacent property owner(s) affidavits (Contact Division of Water for requirements.)
  - (b)  I REQUEST WAIVER OF PUBLIC NOTICE BECAUSE:

\_\_\_\_\_ Contact Division of Water for requirements.

15. I HAVE CONTACTED THE FOLLOWING CITY OR COUNTY OFFICIALS CONCERNING THIS PROJECT:

Mr. Jimmy Kiser, Pikeville, KY Floodplain Coordinator (Public Works Department)  
Give name and title of person(s) contacted and provide copy of any approval city or county may have issued.  
146 Main Street, Pikeville, KY 41501 (606) – 432-6204

16. LIST OF ATTACHMENTS: US 460 – Millard Curve plans, USGS site map, Russell Fork Hec-Ras Study  
List plans, profiles, or other drawings and data submitted. Attach a copy of a 7.5 minute USGS topographic map clearly showing the project location.

17. I, PC (owner) CERTIFY THAT THE OWNER OWNS OR HAS EASEMENT RIGHTS ON ALL PROPERTY ON WHICH THIS PROJECT WILL BE LOCATED OR ON WHICH RELATED CONSTRUCTION WILL OCCUR (for dams, this includes the area that would be impounded during the design flood).

18. REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

I hereby request approval for construction across or along a stream as described in this application and any accompanying documents. To the best of my knowledge, all the information provided is true and correct.

SIGNATURE: *Paley Laleman Jr*  
Owner or Agent sign here. (If signed by Agent, a Power of Attorney should be attached.)

DATE: 10-9-12

SIGNATURE OF LOCAL FLOODPLAIN COORDINATOR:  
*Jimmy Kiser*  
Permit application will be returned to applicant if not properly endorsed by the local floodplain coordinator.

DATE: 11/16/12

SUBMIT APPLICATION AND ATTACHMENTS TO:

Floodplain Management Section  
Division of Water  
14 Reilly Road  
Frankfort, KY 40601



COMMONWEALTH OF KENTUCKY  
NATURAL RESOURCES & ENVIRONMENTAL PROTECTION CABINET  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION  
DIVISION OF WATER

APPLICATION FOR PERMIT TO CONSTRUCT ACROSS OR ALONG A STREAM  
AND / OR WATER QUALITY CERTIFICATION

Chapter 151 of the Kentucky Revised Statutes requires approval from the Division of Water prior to any construction or other activity in or along a stream that could in any way obstruct flood flows or adversely impact water quality. If the project involves work in a stream, such as bank stabilization, dredging or relocation, you will also need to obtain a 401 Water Quality Certification (WQC) from the Division of Water. This completed form will be forwarded to the Water Quality Branch for WQC processing. The project may not start until all necessary approvals are received from the KDOW. For questions concerning the WQC process, contact the WQC section at 502/564-3410.

If the project will disturb more than 1 acre of soil, you will also need to complete the attached Notice of Intent for Storm Water Discharges, and return both forms to the Floodplain management Section of the KDOW. This general permit will require you to create an implement an erosion control plan for the project.

1. OWNER: Jean Coleman (Parcel #18 - US 460 Millard Curve Roadway Project)  
Give name of person(s), company, governmental unit, or other owner of proposed project.  
MAILING ADDRESS: 8921 LaCosta Road, Louisville, KY 40299

TELEPHONE #: (502) 493-2823 EMAIL: \_\_\_\_\_

2. AGENT: Stephen L. Arnold  
Give name of person(s) submitting application, if other than owner.  
ADDRESS: 815 West Market Street, Louisville, KY 40202

1046 EAST CHESTNUT STREET, LOUISVILLE, KY 40204  
TELEPHONE #: (502) 992-2939 719-7894 EMAIL: sarnold@gk4.com

3. ENGINEER: Stephen L. Arnold P.E. NUMBER: 16463  
Contact Division of Water if waiver can be granted.  
TELEPHONE #: same as above EMAIL: same as above

4. DESCRIPTION OF CONSTRUCTION: A portion of the excess material from the US 460 - Millard Curve roadway project is to be placed in the floodplain of Russell Fork, within Parcel #18. The material is to be placed from the edge of the established floodway of Russell Fork back towards US 460. The filled area encompasses approximately 10,657 square feet of the property with 3,481 cubic yards of material being placed.  
Describe the type and purpose of construction and describe stream impact

5. COUNTY: Pike NEAREST COMMUNITY: Millard

6. USGS QUAD NAME Millard LATITUDE/LONGITUDE: 37^23'12"N, 82^26'14" W

7. STREAM NAME: Russell Fork WATERSHED SIZE (in acres): 434,560

8. LINEAR FEET OF STREAM IMPACTED: No direct impact (filling in the floodplain)

9. DIRECTIONS TO SITE: The project site is located along US 460 and parallel to Russell Fork near Millard Middle School. Millard Middle School is located approximately 1.4 miles south of Millard, KY on US 460. Millard, KY is located approximately 9.0 miles southeast of Pikeville, KY.

10. IS ANY PORTION OF THE REQUESTED PROJECT NOW COMPLETE? Yes  No  If yes, identify the completed portion on the drawings you submit and indicate the date activity was completed. DATE: \_\_\_\_\_  
11. ESTIMATED BEGIN CONSTRUCTION DATE: April, 2013  
12. ESTIMATED END CONSTRUCTION DATE: April, 2014

13. HAS A PERMIT BEEN RECEIVED FROM THE US ARMY, CORPS of ENGINEERS? Yes  No  If yes, attach a copy of that permit.  
14. THE APPLICANT *MUST* ADDRESS PUBLIC NOTICE:

(a) PUBLIC NOTICE HAS BEEN GIVEN FOR THIS PROPOSAL BY THE FOLLOWING MEANS:  
 Public notice in newspaper having greatest circulation in area (provide newspaper clipping or affidavit)  
 Adjacent property owner(s) affidavits (Contact Division of Water for requirements.)  
(b)  I REQUEST WAIVER OF PUBLIC NOTICE BECAUSE:

\_\_\_\_\_ Contact Division of Water for requirements.

15. I HAVE CONTACTED THE FOLLOWING CITY OR COUNTY OFFICIALS CONCERNING THIS PROJECT:  
Mr. Jimmy Kiser, Pikeville, KY Floodplain Coordinator (Public Works Department)  
Give name and title of person(s) contacted and provide copy of any approval city or county may have issued.  
146 Main Street, Pikeville, KY 41501 (606) – 432-6204

16. LIST OF ATTACHMENTS: US 460 – Millard Curve plans, USGS site map, Russell Fork Hec-Ras Study  
List plans, profiles, or other drawings and data submitted. Attach a copy of a 7.5 minute USGS topographic map clearly showing the project location.

17. I, JL (owner) CERTIFY THAT THE OWNER OWNS OR HAS EASEMENT RIGHTS ON ALL PROPERTY ON WHICH THIS PROJECT WILL BE LOCATED OR ON WHICH RELATED CONSTRUCTION WILL OCCUR (for dams, this includes the area that would be impounded during the design flood).

18. REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

I hereby request approval for construction across or along a stream as described in this application and any accompanying documents. To the best of my knowledge, all the information provided is true and correct.

SIGNATURE: Jean Coleman  
Owner or Agent sign here. (If signed by Agent, a Power of Attorney should be attached.)

DATE: 12/5/12

SIGNATURE OF LOCAL FLOODPLAIN COORDINATOR: Jimmy Kiser  
Permit application will be returned to applicant if not properly endorsed by the local floodplain coordinator.

DATE: 1/14/13

SUBMIT APPLICATION AND ATTACHMENTS TO:  
Floodplain Management Section  
Division of Water  
14 Reilly Road  
Frankfort, KY 40601

COMMONWEALTH OF KENTUCKY  
NATURAL RESOURCES & ENVIRONMENTAL PROTECTION CABINET  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION  
DIVISION OF WATER

APPLICATION FOR PERMIT TO CONSTRUCT ACROSS OR ALONG A STREAM  
AND / OR WATER QUALITY CERTIFICATION

Chapter 151 of the Kentucky Revised Statutes requires approval from the Division of Water prior to any construction or other activity in or along a stream that could in any way obstruct flood flows or adversely impact water quality. If the project involves work in a stream, such as bank stabilization, dredging or relocation, you will also need to obtain a 401 Water Quality Certification (WQC) from the Division of Water. This completed form will be forwarded to the Water Quality Branch for WQC processing. The project may not start until all necessary approvals are received from the KDOW. For questions concerning the WQC process, contact the WQC section at 502/564-3410.

If the project will disturb more than 1 acre of soil, you will also need to complete the attached Notice of Intent for Storm Water Discharges, and return both forms to the Floodplain management Section of the KDOW. This general permit will require you to create an implement an erosion control plan for the project.

1. OWNER: Martha C. Ward (Parcel #19 – US 460 Millard Curve Roadway Project)  
Give name of person(s), company, governmental unit, or other owner of proposed project.

MAILING ADDRESS: 3702 Andover Court, Louisville, KY 40299

TELEPHONE #: (502) 491-9857 EMAIL: \_\_\_\_\_

2. AGENT: Stephen L. Arnold  
Give name of person(s) submitting application, if other than owner.

ADDRESS: ~~815 West Market Street, Louisville, KY 40202~~

1046 EAST CHESTNUT STREET, LOUISVILLE, KY 40204

TELEPHONE #: (502) 992-2939 719-7894 EMAIL: sarnold@qk4.com

3. ENGINEER: Stephen L. Arnold P.E. NUMBER: 16463  
Contact Division of Water if waiver can be granted.

TELEPHONE #: same as above EMAIL: same as above

4. DESCRIPTION OF CONSTRUCTION: A portion of the excess material from the US 460 – Millard Curve roadway project is to be placed in the floodplain of Russell Fork, within Parcel #19. The material is to be placed from the edge of the established floodway of Russell Fork back towards US 460. The filled area encompasses approximately 9,836 square feet of the property with 3,459 cubic yards of material being placed.  
Describe the type and purpose of construction and describe stream impact

5. COUNTY: Pike NEAREST COMMUNITY: Millard

6. USGS QUAD NAME Millard LATITUDE/LONGITUDE: 37°23'12"N, 82°26'14" W

7. STREAM NAME: Russell Fork WATERSHED SIZE (in acres): 434,560

8. LINEAR FEET OF STREAM IMPACTED: No direct impact (filling in the floodplain)

9. DIRECTIONS TO SITE: The project site is located along US 460 and parallel to Russell Fork near Millard Middle School. Millard Middle School is located approximately 1.4 miles south of Millard, KY on US 460. Millard, KY is located approximately 9.0 miles southeast of Pikeville, KY.

- 10. IS ANY PORTION OF THE REQUESTED PROJECT NOW COMPLETE? Yes  No  If yes, identify the completed portion on the drawings you submit and indicate the date activity was completed. DATE: \_\_\_\_\_
- 11. ESTIMATED BEGIN CONSTRUCTION DATE: April, 2013
- 12. ESTIMATED END CONSTRUCTION DATE: April, 2014

- 13. HAS A PERMIT BEEN RECEIVED FROM THE US ARMY, CORPS of ENGINEERS? Yes  No  If yes, attach a copy of that permit.
- 14. THE APPLICANT *MUST* ADDRESS PUBLIC NOTICE:

- (a) PUBLIC NOTICE HAS BEEN GIVEN FOR THIS PROPOSAL BY THE FOLLOWING MEANS:
  - Public notice in newspaper having greatest circulation in area (provide newspaper clipping or affidavit)
  - Adjacent property owner(s) affidavits (Contact Division of Water for requirements.)
- (b)  I REQUEST WAIVER OF PUBLIC NOTICE BECAUSE:

\_\_\_\_\_ Contact Division of Water for requirements.

- 15. I HAVE CONTACTED THE FOLLOWING CITY OR COUNTY OFFICIALS CONCERNING THIS PROJECT:  
Mr. Jimmv Kiser, Pikeville, KY Floodplain Coordinator (Public Works Department)  
 Give name and title of person(s) contacted and provide copy of any approval city or county may have issued.  
146 Main Street, Pikeville, KY 41501 (606) – 432-6204

- 16. LIST OF ATTACHMENTS: US 460 – Millard Curve plans, USGS site map, Russell Fork Hec-Ras Study  
 List plans, profiles, or other drawings and data submitted. Attach a copy of a 7.5 minute USGS topographic map clearly showing the project location.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- 17. Martha Ward  
 I, \_\_\_\_\_ (owner) CERTIFY THAT THE OWNER OWNS OR HAS EASEMENT RIGHTS ON ALL PROPERTY ON WHICH THIS PROJECT WILL BE LOCATED OR ON WHICH RELATED CONSTRUCTION WILL OCCUR (for dams, this includes the area that would be impounded during the design flood).

- 18. REMARKS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

I hereby request approval for construction across or along a stream as described in this application and any accompanying documents. To the best of my knowledge, all the information provided is true and correct.

SIGNATURE: Martha C. Ward  
 Owner or Agent sign here. (If signed by Agent, a Power of Attorney should be attached.)

DATE: Oct 12, 2012

SIGNATURE OF LOCAL FLOODPLAIN COORDINATOR:  
Jimmy Kiser  
 Permit application will be returned to applicant if not properly endorsed by the local floodplain coordinator.

DATE: 11/16/12

SUBMIT APPLICATION AND ATTACHMENTS TO:  
 Floodplain Management Section  
 Division of Water  
 14 Reilly Road  
 Frankfort, KY 40601

COMMONWEALTH OF KENTUCKY  
NATURAL RESOURCES & ENVIRONMENTAL PROTECTION CABINET  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION  
DIVISION OF WATER

APPLICATION FOR PERMIT TO CONSTRUCT ACROSS OR ALONG A STREAM  
AND / OR WATER QUALITY CERTIFICATION

Chapter 151 of the Kentucky Revised Statutes requires approval from the Division of Water prior to any construction or other activity in or along a stream that could in any way obstruct flood flows or adversely impact water quality. *If the project involves work in a stream, such as bank stabilization, dredging or relocation, you will also need to obtain a 401 Water Quality Certification (WQC) from the Division of Water.* This completed form will be forwarded to the Water Quality Branch for WQC processing. The project may not start until all necessary approvals are received from the KDOW. For questions concerning the WQC process, contact the WQC section at 502/564-3410.

If the project will disturb more than 1 acre of soil, you will also need to complete the attached Notice of Intent for Storm Water Discharges, and return both forms to the Floodplain management Section of the KDOW. This general permit will require you to create an implement an erosion control plan for the project.

1. OWNER: Charles A. Smith (Parcel #20 – US 460 Millard Curve Roadway Project)  
Give name of person(s), company, governmental unit, or other owner of proposed project.  
MAILING ADDRESS: 3104 Klonway Drive, Louisville, KY 40220

TELEPHONE #: (502) 499-6962 EMAIL: \_\_\_\_\_

2. AGENT: Stephen L. Arnold  
Give name of person(s) submitting application, if other than owner.  
ADDRESS: 815 West Market Street, Louisville, KY 40202

1046 EAST CHESTNUT STREET, LOUISVILLE, KY 40204

TELEPHONE #: (502) 992-2939 719-7894 EMAIL: sarnold@qk4.com

3. ENGINEER: Stephen L. Arnold P.E. NUMBER: 16463  
Contact Division of Water if waiver can be granted.  
TELEPHONE #: same as above EMAIL: same as above

4. DESCRIPTION OF CONSTRUCTION: A portion of the excess material from the US 460 – Millard Curve roadway project is to be placed in the floodplain of Russell Fork, within Parcel #20. The material is to be placed from the edge of the established floodway of Russell Fork back towards US 460. The filled area encompasses approximately 8,836 square feet of the property with 3,315 cubic yards of material being placed.  
Describe the type and purpose of construction and describe stream impact

5. COUNTY: Pike NEAREST COMMUNITY: Millard

6. USGS QUAD NAME Millard LATITUDE/LONGITUDE: 37^23'12"N, 82^26'14" W

7. STREAM NAME: Russell Fork WATERSHED SIZE (in acres): 434,560

8. LINEAR FEET OF STREAM IMPACTED: No direct impact (filling in the floodplain)

9. DIRECTIONS TO SITE: The project site is located along US 460 and parallel to Russell Fork near Millard Middle School. Millard Middle School is located approximately 1.4 miles south of Millard, KY on US 460. Millard, KY is located approximately 9.0 miles southeast of Pikeville, KY.

- 10. IS ANY PORTION OF THE REQUESTED PROJECT NOW COMPLETE? Yes  No  If yes, identify the completed portion on the drawings you submit and indicate the date activity was completed. DATE: \_\_\_\_\_
- 11. ESTIMATED BEGIN CONSTRUCTION DATE: April, 2013
- 12. ESTIMATED END CONSTRUCTION DATE: April, 2014

13. HAS A PERMIT BEEN RECEIVED FROM THE US ARMY, CORPS of ENGINEERS? Yes  No  If yes, attach a copy of that permit.

- 14. THE APPLICANT *MUST* ADDRESS PUBLIC NOTICE:
  - (a) PUBLIC NOTICE HAS BEEN GIVEN FOR THIS PROPOSAL BY THE FOLLOWING MEANS:
    - Public notice in newspaper having greatest circulation in area (provide newspaper clipping or affidavit)
    - Adjacent property owner(s) affidavits (Contact Division of Water for requirements.)
  - (b)  I REQUEST WAIVER OF PUBLIC NOTICE BECAUSE:

\_\_\_\_\_ Contact Division of Water for requirements.

- 15. I HAVE CONTACTED THE FOLLOWING CITY OR COUNTY OFFICIALS CONCERNING THIS PROJECT:
  - Mr. Jimmy Kiser, Pikeville, KY Floodplain Coordinator (Public Works Department)
  - Give name and title of person(s) contacted and provide copy of any approval city or county may have issued.
  - 146 Main Street, Pikeville, KY 41501 (606) – 432-6204

- 16. LIST OF ATTACHMENTS: US 460 – Millard Curve plans, USGS site map, Russell Fork Hec-Ras Study  
List plans, profiles, or other drawings and data submitted. Attach a copy of a 7.5 minute USGS topographic map clearly showing the project location.

17. I, CS (owner) CERTIFY THAT THE OWNER OWNS OR HAS EASEMENT RIGHTS ON ALL PROPERTY ON WHICH THIS PROJECT WILL BE LOCATED OR ON WHICH RELATED CONSTRUCTION WILL OCCUR (for dams, this includes the area that would be impounded during the design flood).

18. REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

I hereby request approval for construction across or along a stream as described in this application and any accompanying documents. To the best of my knowledge, all the information provided is true and correct.

SIGNATURE: Charles A. Appelt  
Owner or Agent sign here. (If signed by Agent, a Power of Attorney should be attached.)

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

SIGNATURE OF LOCAL FLOODPLAIN COORDINATOR:  
Jimmy Kiser  
Permit application will be returned to applicant if not properly endorsed by the local floodplain coordinator.

DATE: 11/16/12

SUBMIT APPLICATION AND ATTACHMENTS TO:  
Floodplain Management Section  
Division of Water  
14 Reilly Road  
Frankfort, KY 40601

COMMONWEALTH OF KENTUCKY  
NATURAL RESOURCES & ENVIRONMENTAL PROTECTION CABINET  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION  
DIVISION OF WATER

APPLICATION FOR PERMIT TO CONSTRUCT ACROSS OR ALONG A STREAM  
AND / OR WATER QUALITY CERTIFICATION

Chapter 151 of the Kentucky Revised Statutes requires approval from the Division of Water prior to any construction or other activity in or along a stream that could in any way obstruct flood flows or adversely impact water quality. *If the project involves work in a stream, such as bank stabilization, dredging or relocation, you will also need to obtain a 401 Water Quality Certification (WQC) from the Division of Water.* This completed form will be forwarded to the Water Quality Branch for WQC processing. The project may not start until all necessary approvals are received from the KDOW. For questions concerning the WQC process, contact the WQC section at 502/564-3410.

If the project will disturb more than 1 acre of soil, you will also need to complete the attached Notice of Intent for Storm Water Discharges, and return both forms to the Floodplain management Section of the KDOW. This general permit will require you to create an implement an erosion control plan for the project.

1. OWNER: 1.) Lomar V. & Zelda Coleman 2.) Kevin A. Coleman 3.) Gregory S. Coleman (Parcel #21 - US 460)  
Give name of person(s), company, governmental unit, or other owner of proposed project.

MAILING ADDRESS: 1.) 4003 Cheyenne Avenue, Hannibal, MO 63401

2.) 10556 Anton Drive, St. Louis, MO 63128 3.) 501 Madera Circle, Belton, MO 64012

TELEPHONE #: 1.) (573) 629-7201 EMAIL: \_\_\_\_\_

2. AGENT: Stephen L. Arnold  
Give name of person(s) submitting application, if other than owner.

ADDRESS: ~~815 West Market Street, Louisville, KY 40202~~

1046 EAST CHESTNUT STREET, LOUISVILLE, KY. 40204

TELEPHONE #: (502) 992-2939-719-7894 EMAIL: sarnold@qk4.com

3. ENGINEER: Stephen L. Arnold P.E. NUMBER: 16463  
Contact Division of Water if waiver can be granted.

TELEPHONE #: same as above EMAIL: same as above

4. DESCRIPTION OF CONSTRUCTION: A portion of the excess material from the US 460 - Millard Curve roadway  
Describe the type and purpose of construction and describe stream impact  
project is to be placed in the floodplain of Russell Fork, within Parcel #21. The material is to be placed from the edge  
of the established floodway of Russell Fork back towards US 460. The filled area encompasses approximately  
8,960 square feet of the property with 3,253 cubic yards of material being placed.

5. COUNTY: Pike NEAREST COMMUNITY: Millard

6. USGS QUAD NAME Millard LATITUDE/LONGITUDE: 37°23'12"N, 82°26'14" W

7. STREAM NAME: Russell Fork WATERSHED SIZE (in acres): 434,560

8. LINEAR FEET OF STREAM IMPACTED: No direct impact (filling in the floodplain)

9. DIRECTIONS TO SITE: The project site is located along US 460 and parallel to Russell Fork near Millard Middle  
School. Millard Middle School is located approximately 1.4 miles south of Millard, KY on US 460. Millard, KY is  
located approximately 9.0 miles southeast of Pikeville, KY.

- 10. IS ANY PORTION OF THE REQUESTED PROJECT NOW COMPLETE? Yes  No  If yes, identify the completed portion on the drawings you submit and indicate the date activity was completed. DATE: \_\_\_\_\_
- 11. ESTIMATED BEGIN CONSTRUCTION DATE: April, 2013
- 12. ESTIMATED END CONSTRUCTION DATE: April, 2014

- 13. HAS A PERMIT BEEN RECEIVED FROM THE US ARMY, CORPS of ENGINEERS? Yes  No  If yes, attach a copy of that permit.
- 14. THE APPLICANT **MUST** ADDRESS PUBLIC NOTICE:

(a) PUBLIC NOTICE HAS BEEN GIVEN FOR THIS PROPOSAL BY THE FOLLOWING MEANS:

- Public notice in newspaper having greatest circulation in area (provide newspaper clipping or affidavit)
- Adjacent property owner(s) affidavits (Contact Division of Water for requirements.)

(b)  I REQUEST WAIVER OF PUBLIC NOTICE BECAUSE:

\_\_\_\_\_ Contact Division of Water for requirements.

- 15. I HAVE CONTACTED THE FOLLOWING CITY OR COUNTY OFFICIALS CONCERNING THIS PROJECT:

Mr. Jimmy Kiser, Pikeville, KY Floodplain Coordinator (Public Works Department)

Give name and title of person(s) contacted and provide copy of any approval city or county may have issued.

146 Main Street, Pikeville, KY 41501 (606) - 432-6204

- 16. LIST OF ATTACHMENTS: US 460 - Millard Curve plans, USGS site map, Russell Fork Hec-Ras Study  
List plans, profiles, or other drawings and data submitted. Attach a copy of a 7.5 minute USGS topographic map clearly showing the project location.

- 17. I, L.C. (owner) CERTIFY THAT THE OWNER OWNS OR HAS EASEMENT RIGHTS ON ALL PROPERTY ON WHICH THIS PROJECT WILL BE LOCATED OR ON WHICH RELATED CONSTRUCTION WILL OCCUR (for dams, this includes the area that would be impounded during the design flood).

- 18. REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

I hereby request approval for construction across or along a stream as described in this application and any accompanying documents. To the best of my knowledge, all the information provided is true and correct.

SIGNATURE: Tomar Coleman  
Owner or Agent sign here. (If signed by Agent, a Power of Attorney should be attached.)

DATE: 10-10-2012

SIGNATURE OF LOCAL FLOODPLAIN COORDINATOR:

Jimmy Kiser  
Permit application will be returned to applicant if not properly endorsed by the local floodplain coordinator.

DATE: 11/16/12

SUBMIT APPLICATION AND ATTACHMENTS TO:

Floodplain Management Section  
Division of Water  
14 Reilly Road  
Frankfort, KY 40601



COMMONWEALTH OF KENTUCKY  
NATURAL RESOURCES & ENVIRONMENTAL PROTECTION CABINET  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION  
DIVISION OF WATER

APPLICATION FOR PERMIT TO CONSTRUCT ACROSS OR ALONG A STREAM  
AND / OR WATER QUALITY CERTIFICATION

Chapter 151 of the Kentucky Revised Statutes requires approval from the Division of Water prior to any construction or other activity in or along a stream that could in any way obstruct flood flows or adversely impact water quality. *If the project involves work in a stream, such as bank stabilization, dredging or relocation, you will also need to obtain a 401 Water Quality Certification (WQC) from the Division of Water.* This completed form will be forwarded to the Water Quality Branch for WQC processing. The project may not start until all necessary approvals are received from the KDOW. For questions concerning the WQC process, contact the WQC section at 502/564-3410.

If the project will disturb more than 1 acre of soil, you will also need to complete the attached Notice of Intent for Storm Water Discharges, and return both forms to the Floodplain management Section of the KDOW. This general permit will require you to create an implement an erosion control plan for the project.

1. OWNER: 1.) Lomar V. & Zelda Coleman 2.) Kevin A. Coleman 3.) Gregory S. Coleman (Parcel #21 - US 460)  
Give name of person(s), company, governmental unit, or other owner of proposed project.

MAILING ADDRESS: 1.) 4003 Cheyenne Avenue, Hannibal, MO 63401

2.) 10556 Anton Drive, St. Louis, MO 63128 3.) 501 Madera Circle, Belton, MO 64012

TELEPHONE #: 1.) (573) 629-7201 EMAIL: \_\_\_\_\_

2. AGENT: Stephen L. Arnold  
Give name of person(s) submitting application, if other than owner.

ADDRESS: 815 West Market Street, Louisville, KY 40202

1046 EAST CHESTNUT STREET, LOUISVILLE, KY 40204

TELEPHONE #: (502) 992-2939-719-7894 EMAIL: sarnold@qk4.com

3. ENGINEER: Stephen L. Arnold P.E. NUMBER: 16463  
Contact Division of Water if waiver can be granted.

TELEPHONE #: same as above EMAIL: same as above

4. DESCRIPTION OF CONSTRUCTION: A portion of the excess material from the US 460 - Millard Curve roadway  
Describe the type and purpose of construction and describe stream impact  
project is to be placed in the floodplain of Russell Fork, within Parcel #21. The material is to be placed from the edge  
of the established floodway of Russell Fork back towards US 460. The filled area encompasses approximately  
8,960 square feet of the property with 3,253 cubic yards of material being placed.

5. COUNTY: Pike NEAREST COMMUNITY: Millard

6. USGS QUAD NAME Millard LATITUDE/LONGITUDE: 37°23'12"N, 82°26'14"W

7. STREAM NAME: Russell Fork WATERSHED SIZE (in acres): 434,560

8. LINEAR FEET OF STREAM IMPACTED: No direct impact (filling in the floodplain)

9. DIRECTIONS TO SITE: The project site is located along US 460 and parallel to Russell Fork near Millard Middle  
School. Millard Middle School is located approximately 1.4 miles south of Millard, KY on US 460. Millard, KY is  
located approximately 9.0 miles southeast of Pikeville, KY.

- 10. IS ANY PORTION OF THE REQUESTED PROJECT NOW COMPLETE? Yes  No  If yes, identify the completed portion on the drawings you submit and indicate the date activity was completed. DATE: \_\_\_\_\_
- 11. ESTIMATED BEGIN CONSTRUCTION DATE: April, 2013
- 12. ESTIMATED END CONSTRUCTION DATE: April, 2014

- 13. HAS A PERMIT BEEN RECEIVED FROM THE US ARMY, CORPS of ENGINEERS? Yes  No  If yes, attach a copy of that permit.
- 14. THE APPLICANT **MUST** ADDRESS PUBLIC NOTICE:

- (a) PUBLIC NOTICE HAS BEEN GIVEN FOR THIS PROPOSAL BY THE FOLLOWING MEANS:
  - Public notice in newspaper having greatest circulation in area (provide newspaper clipping or affidavit)
  - Adjacent property owner(s) affidavits (Contact Division of Water for requirements.)
- (b)  I REQUEST WAIVER OF PUBLIC NOTICE BECAUSE:

\_\_\_\_\_ Contact Division of Water for requirements.

- 15. I HAVE CONTACTED THE FOLLOWING CITY OR COUNTY OFFICIALS CONCERNING THIS PROJECT:
  - Mr. Jimmy Kiser, Pikeville, KY Floodplain Coordinator (Public Works Department)
  - Give name and title of person(s) contacted and provide copy of any approval city or county may have issued.
  - 146 Main Street, Pikeville, KY 41501 (606) – 432-6204


- 16. LIST OF ATTACHMENTS: US 460 – Millard Curve plans, USGS site map, Russell Fork Hec-Ras Study
- List plans, profiles, or other drawings and data submitted. Attach a copy of a 7.5 minute USGS topographic map clearly showing the project location.

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

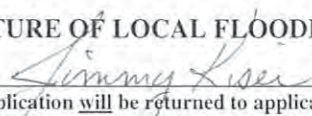
- 17. I, \_\_\_\_\_ (owner) CERTIFY THAT THE OWNER OWNS OR HAS EASEMENT RIGHTS ON ALL PROPERTY ON WHICH THIS PROJECT WILL BE LOCATED OR ON WHICH RELATED CONSTRUCTION WILL OCCUR (for dams, this includes the area that would be impounded during the design flood).

- 18. REMARKS: \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

I hereby request approval for construction across or along a stream as described in this application and any accompanying documents. To the best of my knowledge, all the information provided is true and correct.

SIGNATURE:   
Owner or Agent sign here. (If signed by Agent, a Power of Attorney should be attached.)

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

SIGNATURE OF LOCAL FLOODPLAIN COORDINATOR:   
Permit application will be returned to applicant if not properly endorsed by the local floodplain coordinator.

DATE: 11/16/12

SUBMIT APPLICATION AND ATTACHMENTS TO:

Floodplain Management Section  
Division of Water  
14 Reilly Road  
Frankfort, KY 40601

COMMONWEALTH OF KENTUCKY  
NATURAL RESOURCES & ENVIRONMENTAL PROTECTION CABINET  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION  
DIVISION OF WATER

APPLICATION FOR PERMIT TO CONSTRUCT ACROSS OR ALONG A STREAM  
AND / OR WATER QUALITY CERTIFICATION

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If the project will disturb more than 1 acre of soil, you will also need to complete the attached Notice of Intent for Storm Water Discharges, and return both forms to the Floodplain management Section of the KDOW. This general permit will require you to create an implement an erosion control plan for the project.

1. OWNER: Garv D. Coleman (Parcel #22 – US 460 Millard Curve Roadway Project)  
Give name of person(s), company, governmental unit, or other owner of proposed project.

MAILING ADDRESS: 65 Sandy Point Road, Camden, TN 38320

TELEPHONE #: (731) 584-1433 EMAIL: \_\_\_\_\_

2. AGENT: Stephen L. Arnold  
Give name of person(s) submitting application, if other than owner.

ADDRESS: 815 West Market Street, Louisville, KY 40202

1046 EAST CHESTNUT STREET, LOUISVILLE, KY 40204

TELEPHONE #: (502)-992-2939 719-7894 EMAIL: sarnold@qk4.com

3. ENGINEER: Stephen L. Arnold P.E. NUMBER: 16463  
Contact Division of Water if waiver can be granted.

TELEPHONE #: same as above EMAIL: same as above

4. DESCRIPTION OF CONSTRUCTION: A portion of the excess material from the US 460 – Millard Curve roadway  
Describe the type and purpose of construction and describe stream impact  
project is to be placed in the floodplain of Russell Fork, within Parcel #22. The material is to be placed from the edge  
of the established floodway of Russell Fork back towards US 460. The filled area encompasses approximately  
9,444 square feet of the property with 3,180 cubic yards of material being placed.

5. COUNTY: Pike NEAREST COMMUNITY: Millard

6. USGS QUAD NAME Millard LATITUDE/LONGITUDE: 37^23'12"N, 82^26'14" W

7. STREAM NAME: Russell Fork WATERSHED SIZE (in acres): 434,560

8. LINEAR FEET OF STREAM IMPACTED: No direct impact (filling in the floodplain)

9. DIRECTIONS TO SITE: The project site is located along US 460 and parallel to Russell Fork near Millard Middle  
School. Millard Middle School is located approximately 1.4 miles south of Millard, KY on US 460. Millard, KY is  
located approximately 9.0 miles southeast of Pikeville, KY.

- 10. IS ANY PORTION OF THE REQUESTED PROJECT NOW COMPLETE? Yes  No  If yes, identify the completed portion on the drawings you submit and indicate the date activity was completed. DATE: \_\_\_\_\_
- 11. ESTIMATED BEGIN CONSTRUCTION DATE: April, 2013
- 12. ESTIMATED END CONSTRUCTION DATE: April, 2014

13. HAS A PERMIT BEEN RECEIVED FROM THE US ARMY, CORPS of ENGINEERS? Yes  No  If yes, attach a copy of that permit.

- 14. THE APPLICANT **MUST** ADDRESS PUBLIC NOTICE:
  - (a) PUBLIC NOTICE HAS BEEN GIVEN FOR THIS PROPOSAL BY THE FOLLOWING MEANS:
    - Public notice in newspaper having greatest circulation in area (provide newspaper clipping or affidavit)
    - Adjacent property owner(s) affidavits (Contact Division of Water for requirements.)

(b)  I REQUEST WAIVER OF PUBLIC NOTICE BECAUSE:  
 \_\_\_\_\_  
 Contact Division of Water for requirements.

15. I HAVE CONTACTED THE FOLLOWING CITY OR COUNTY OFFICIALS CONCERNING THIS PROJECT:  
Mr. Jimmy Kiser, Pikeville, KY Floodplain Coordinator (Public Works Department)  
 Give name and title of person(s) contacted and provide copy of any approval city or county may have issued.  
146 Main Street, Pikeville, KY 41501 (606) – 432-6204

16. LIST OF ATTACHMENTS: US 460 – Millard Curve plans, USGS site map, Russell Fork Hec-Ras Study  
 List plans, profiles, or other drawings and data submitted. Attach a copy of a 7.5 minute USGS topographic map clearly showing the project location.

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

17. I, J.C. (owner) CERTIFY THAT THE OWNER OWNS OR HAS EASEMENT RIGHTS ON ALL PROPERTY ON WHICH THIS PROJECT WILL BE LOCATED OR ON WHICH RELATED CONSTRUCTION WILL OCCUR (for dams, this includes the area that would be impounded during the design flood).

18. REMARKS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

I hereby request approval for construction across or along a stream as described in this application and any accompanying documents. To the best of my knowledge, all the information provided is true and correct.

SIGNATURE: Gary D. Coleman  
 Owner or Agent sign here. (If signed by Agent, a Power of Attorney should be attached.)

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

SIGNATURE OF LOCAL FLOODPLAIN COORDINATOR:  
Jimmy Kiser  
 Permit application will be returned to applicant if not properly endorsed by the local floodplain coordinator.

DATE: 11/16/12

SUBMIT APPLICATION AND ATTACHMENTS TO:  
 Floodplain Management Section  
 Division of Water  
 14 Reilly Road  
 Frankfort, KY 40601

COMMONWEALTH OF KENTUCKY  
NATURAL RESOURCES & ENVIRONMENTAL PROTECTION CABINET  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION  
DIVISION OF WATER

APPLICATION FOR PERMIT TO CONSTRUCT ACROSS OR ALONG A STREAM  
AND / OR WATER QUALITY CERTIFICATION

Chapter 151 of the Kentucky Revised Statutes requires approval from the Division of Water prior to any construction or other activity in or along a stream that could in any way obstruct flood flows or adversely impact water quality. If the project involves work in a stream, such as bank stabilization, dredging or relocation, you will also need to obtain a 401 Water Quality Certification (WQC) from the Division of Water. This completed form will be forwarded to the Water Quality Branch for WQC processing. The project may not start until all necessary approvals are received from the KDOW. For questions concerning the WQC process, contact the WQC section at 502/564-3410.

If the project will disturb more than 1 acre of soil, you will also need to complete the attached Notice of Intent for Storm Water Discharges, and return both forms to the Floodplain management Section of the KDOW. This general permit will require you to create an implement an erosion control plan for the project.

1. OWNER: Wanda Mavs (Parcel #23 – US 460 Millard Curve Roadway Project)  
Give name of person(s), company, governmental unit, or other owner of proposed project.

MAILING ADDRESS: 13004 Turner Court, Louisville, KY 40299

TELEPHONE #: (502) 267-9614 EMAIL: \_\_\_\_\_

2. AGENT: Stephen L. Arnold  
Give name of person(s) submitting application, if other than owner.

ADDRESS: ~~815 West Market Street, Louisville, KY 40202~~

1046 EAST CHESTNUT STREET, LOUISVILLE, KY 40204

TELEPHONE #: (502) 992-2939 719-7994 EMAIL: sarnold@qk4.com

3. ENGINEER: Stephen L. Arnold P.E. NUMBER: 16463  
Contact Division of Water if waiver can be granted.

TELEPHONE #: same as above EMAIL: same as above

4. DESCRIPTION OF CONSTRUCTION: A portion of the excess material from the US 460 – Millard Curve roadway project is to be placed in the floodplain of Russell Fork, within Parcel #23. The material is to be placed from the edge of the established floodway of Russell Fork back towards US 460. The filled area encompasses approximately 10,314 square feet of the property with 3,365 cubic yards of material being placed.  
Describe the type and purpose of construction and describe stream impact

5. COUNTY: Pike NEAREST COMMUNITY: Millard

6. USGS QUAD NAME Millard LATITUDE/LONGITUDE: 37°23'12"N, 82°26'14" W

7. STREAM NAME: Russell Fork WATERSHED SIZE (in acres): 434,560

8. LINEAR FEET OF STREAM IMPACTED: No direct impact (filling in the floodplain)

9. DIRECTIONS TO SITE: The project site is located along US 460 and parallel to Russell Fork near Millard Middle School. Millard Middle School is located approximately 1.4 miles south of Millard, KY on US 460. Millard, KY is located approximately 9.0 miles southeast of Pikeville, KY.

- 10. IS ANY PORTION OF THE REQUESTED PROJECT NOW COMPLETE? Yes  No  If yes, identify the completed portion on the drawings you submit and indicate the date activity was completed. DATE: \_\_\_\_\_
- 11. ESTIMATED BEGIN CONSTRUCTION DATE: April, 2013
- 12. ESTIMATED END CONSTRUCTION DATE: April, 2014

13. HAS A PERMIT BEEN RECEIVED FROM THE US ARMY, CORPS of ENGINEERS? Yes  No  If yes, attach a copy of that permit.

- 14. THE APPLICANT *MUST* ADDRESS PUBLIC NOTICE:
  - (a) PUBLIC NOTICE HAS BEEN GIVEN FOR THIS PROPOSAL BY THE FOLLOWING MEANS:
    - Public notice in newspaper having greatest circulation in area (provide newspaper clipping or affidavit)
    - Adjacent property owner(s) affidavits (Contact Division of Water for requirements.)
  - (b)  I REQUEST WAIVER OF PUBLIC NOTICE BECAUSE:

\_\_\_\_\_ Contact Division of Water for requirements.

15. I HAVE CONTACTED THE FOLLOWING CITY OR COUNTY OFFICIALS CONCERNING THIS PROJECT:  
Mr. Jimmy Kiser, Pikeville, KY Floodplain Coordinator (Public Works Department)  
 Give name and title of person(s) contacted and provide copy of any approval city or county may have issued.  
146 Main Street, Pikeville, KY 41501 (606) – 432-6204

16. LIST OF ATTACHMENTS: US 460 – Millard Curve plans, USGS site map, Russell Fork Hec-Ras Study  
 List plans, profiles, or other drawings and data submitted. Attach a copy of a 7.5 minute USGS topographic map clearly showing the project location.

17. Tracy (owner) CERTIFY THAT THE OWNER OWNS OR HAS EASEMENT RIGHTS ON ALL PROPERTY ON WHICH THIS PROJECT WILL BE LOCATED OR ON WHICH RELATED CONSTRUCTION WILL OCCUR (for dams, this includes the area that would be impounded during the design flood).

18. REMARKS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

I hereby request approval for construction across or along a stream as described in this application and any accompanying documents. To the best of my knowledge, all the information provided is true and correct.

SIGNATURE: Tracy C. Maes  
 Owner or Agent sign here. (If signed by Agent, a Power of Attorney should be attached.)

DATE: 10-9-2012

SIGNATURE OF LOCAL FLOODPLAIN COORDINATOR:  
Jimmy Kiser  
 Permit application will be returned to applicant if not properly endorsed by the local floodplain coordinator.

DATE: 11/16/12

SUBMIT APPLICATION AND ATTACHMENTS TO:  
 Floodplain Management Section  
 Division of Water  
 14 Reilly Road  
 Frankfort, KY 40601

COMMONWEALTH OF KENTUCKY  
NATURAL RESOURCES & ENVIRONMENTAL PROTECTION CABINET  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION  
DIVISION OF WATER

APPLICATION FOR PERMIT TO CONSTRUCT ACROSS OR ALONG A STREAM  
AND / OR WATER QUALITY CERTIFICATION

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If the project will disturb more than 1 acre of soil, you will also need to complete the attached Notice of Intent for Storm Water Discharges, and return both forms to the Floodplain management Section of the KDOW. This general permit will require you to create an implement an erosion control plan for the project.

1. OWNER: Joyce A. Caldwell (Parcel #24 – US 460 Millard Curve Roadway Project)  
Give name of person(s), company, governmental unit, or other owner of proposed project.  
MAILING ADDRESS: 783 Beehide Creek Road, Jenkins, KY 41537  
  
TELEPHONE #: (606) 639-6626 EMAIL: \_\_\_\_\_
2. AGENT: Stephen L. Arnold  
Give name of person(s) submitting application, if other than owner.  
ADDRESS: ~~815 West Market Street, Louisville, KY 40202~~ 1046 EAST CHESTNUT STREET  
LOUISVILLE, KY 40204  
  
TELEPHONE #: (502) 992-2939 719-7894 EMAIL: sarnold@qk4.com
3. ENGINEER: Stephen L. Arnold P.E. NUMBER: 16463  
Contact Division of Water if waiver can be granted.  
TELEPHONE #: same as above EMAIL: same as above
4. DESCRIPTION OF CONSTRUCTION: A portion of the excess material from the US 460 – Millard Curve roadway  
Describe the type and purpose of construction and describe stream impact  
project is to be placed in the floodplain of Russell Fork, within Parcel #24. The material is to be placed from the edge of the established floodway of Russell Fork back towards US 460. The filled area encompasses approximately 24,416 square feet of the property with 11,591 cubic yards of material being placed.
5. COUNTY: Pike NEAREST COMMUNITY: Millard
6. USGS QUAD NAME Millard LATITUDE/LONGITUDE: 37^23'12"N, 82^26'14" W
7. STREAM NAME: Russell Fork WATERSHED SIZE (in acres): 434,560
8. LINEAR FEET OF STREAM IMPACTED: No direct impact (filling in the floodplain)
9. DIRECTIONS TO SITE: The project site is located along US 460 and parallel to Russell Fork near Millard Middle School. Millard Middle School is located approximately 1.4 miles south of Millard, KY on US 460. Millard, KY is located approximately 9.0 miles southeast of Pikeville, KY.

- 10. IS ANY PORTION OF THE REQUESTED PROJECT NOW COMPLETE? Yes  No  If yes, identify the completed portion on the drawings you submit and indicate the date activity was completed. DATE: \_\_\_\_\_
- 11. ESTIMATED BEGIN CONSTRUCTION DATE: April, 2013
- 12. ESTIMATED END CONSTRUCTION DATE: April, 2014

13. HAS A PERMIT BEEN RECEIVED FROM THE US ARMY, CORPS of ENGINEERS? Yes  No  If yes, attach a copy of that permit.

14. THE APPLICANT *MUST* ADDRESS PUBLIC NOTICE:

(a) PUBLIC NOTICE HAS BEEN GIVEN FOR THIS PROPOSAL BY THE FOLLOWING MEANS:

- Public notice in newspaper having greatest circulation in area (provide newspaper clipping or affidavit)
- Adjacent property owner(s) affidavits (Contact Division of Water for requirements.)

(b)  I REQUEST WAIVER OF PUBLIC NOTICE BECAUSE:

\_\_\_\_\_  
Contact Division of Water for requirements.

15. I HAVE CONTACTED THE FOLLOWING CITY OR COUNTY OFFICIALS CONCERNING THIS PROJECT:

Mr. Jimmy Kiser, Pikeville, KY Floodplain Coordinator (Public Works Department)

Give name and title of person(s) contacted and provide copy of any approval city or county may have issued.

146 Main Street, Pikeville, KY 41501 (606) – 432-6204

16. LIST OF ATTACHMENTS: US 460 – Millard Curve plans, USGS site map, Russell Fork Hec-Ras Study

List plans, profiles, or other drawings and data submitted. Attach a copy of a 7.5 minute USGS topographic map clearly showing the project location.

17. I, JAC (owner) CERTIFY THAT THE OWNER OWNS OR HAS EASEMENT RIGHTS ON ALL PROPERTY ON WHICH THIS PROJECT WILL BE LOCATED OR ON WHICH RELATED CONSTRUCTION WILL OCCUR (for dams, this includes the area that would be impounded during the design flood).

18. REMARKS: \_\_\_\_\_

I hereby request approval for construction across or along a stream as described in this application and any accompanying documents. To the best of my knowledge, all the information provided is true and correct.

SIGNATURE: \_\_\_\_\_

*Wayne Labruell*

Owner or Agent sign here. (If signed by Agent, a Power of Attorney should be attached.)

DATE: 11/26/12

SIGNATURE OF LOCAL FLOODPLAIN COORDINATOR: \_\_\_\_\_

*Jimmy Kiser*

Permit application will be returned to applicant if not properly endorsed by the local floodplain coordinator.

DATE: 11/28/12

SUBMIT APPLICATION AND ATTACHMENTS TO:

Floodplain Management Section  
Division of Water  
14 Reilly Road  
Frankfort, KY 40601



COMMONWEALTH OF KENTUCKY  
NATURAL RESOURCES & ENVIRONMENTAL PROTECTION CABINET  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION  
DIVISION OF WATER

APPLICATION FOR PERMIT TO CONSTRUCT ACROSS OR ALONG A STREAM  
AND / OR WATER QUALITY CERTIFICATION

Chapter 151 of the Kentucky Revised Statutes requires approval from the Division of Water prior to any construction or other activity in or along a stream that could in any way obstruct flood flows or adversely impact water quality. *If the project involves work in a stream, such as bank stabilization, dredging or relocation, you will also need to obtain a 401 Water Quality Certification (WQC) from the Division of Water.* This completed form will be forwarded to the Water Quality Branch for WQC processing. The project may not start until all necessary approvals are received from the KDOW. For questions concerning the WQC process, contact the WQC section at 502/564-3410.

If the project will disturb more than 1 acre of soil, you will also need to complete the attached Notice of Intent for Storm Water Discharges, and return both forms to the Floodplain management Section of the KDOW. This general permit will require you to create an implement an erosion control plan for the project.

1. OWNER: Phillip Ervin Coleman (Parcel #26 – US 460 Millard Curve Roadway Project)  
Give name of person(s), company, governmental unit, or other owner of proposed project.  
MAILING ADDRESS: 3321 East Elida St., Tucson, AZ 85716

TELEPHONE #: (520) 881-0567 EMAIL: \_\_\_\_\_

2. AGENT: Stephen L. Arnold  
Give name of person(s) submitting application, if other than owner.  
ADDRESS: ~~1046 East Chestnut Street, Louisville, KY 40204~~

1046 EAST CHESTNUT STREET, LOUISVILLE, KY 40204

TELEPHONE #: (502) 719-7894 EMAIL: sarnold@qk4.com

3. ENGINEER: Stephen L. Arnold P.E. NUMBER: 16463  
Contact Division of Water if waiver can be granted.  
TELEPHONE #: same as above EMAIL: same as above

4. DESCRIPTION OF CONSTRUCTION: A portion of the excess material from the US 460 – Millard Curve roadway project is to be placed in the floodplain of Russell Fork, within Parcel #26. The material is to be placed from the edge of the established floodway of Russell Fork back towards US 460. The filled area encompasses approximately 13,706 square feet of the property with 8,226 cubic yards of material being placed.  
Describe the type and purpose of construction and describe stream impact

5. COUNTY: Pike NEAREST COMMUNITY: Millard

6. USGS QUAD NAME Millard LATITUDE/LONGITUDE: 37^23'12"N, 82^26'14" W

7. STREAM NAME: Russell Fork WATERSHED SIZE (in acres): 434,560

8. LINEAR FEET OF STREAM IMPACTED: No direct impact (filling in the floodplain)

9. DIRECTIONS TO SITE: The project site is located along US 460 and parallel to Russell Fork near Millard Middle School. Millard Middle School is located approximately 1.4 miles south of Millard, KY on US 460. Millard, KY is located approximately 9.0 miles southeast of Pikeville, KY.

- 10. IS ANY PORTION OF THE REQUESTED PROJECT NOW COMPLETE? Yes  No  If yes, identify the completed portion on the drawings you submit and indicate the date activity was completed. DATE: \_\_\_\_\_
- 11. ESTIMATED BEGIN CONSTRUCTION DATE: April, 2013
- 12. ESTIMATED END CONSTRUCTION DATE: April, 2014

13. HAS A PERMIT BEEN RECEIVED FROM THE US ARMY, CORPS of ENGINEERS? Yes  No  If yes, attach a copy of that permit.

14. THE APPLICANT *MUST* ADDRESS PUBLIC NOTICE:

(a) PUBLIC NOTICE HAS BEEN GIVEN FOR THIS PROPOSAL BY THE FOLLOWING MEANS:

- Public notice in newspaper having greatest circulation in area (provide newspaper clipping or affidavit)
- Adjacent property owner(s) affidavits (Contact Division of Water for requirements.)

(b)  I REQUEST WAIVER OF PUBLIC NOTICE BECAUSE:

\_\_\_\_\_ Contact Division of Water for requirements.

15. I HAVE CONTACTED THE FOLLOWING CITY OR COUNTY OFFICIALS CONCERNING THIS PROJECT:

Mr. Jimmy Kiser, Pikeville, KY Floodplain Coordinator (Public Works Department)

Give name and title of person(s) contacted and provide copy of any approval city or county may have issued.

146 Main Street, Pikeville, KY 41501 (606) - 432-6204

16. LIST OF ATTACHMENTS: US 460 - Millard Curve plans, USGS site map, Russell Fork Hec-Ras Study

List plans, profiles, or other drawings and data submitted. Attach a copy of a 7.5 minute USGS topographic map clearly showing the project location.

17. I, PEC (owner) CERTIFY THAT THE OWNER OWNS OR HAS EASEMENT RIGHTS ON ALL PROPERTY ON WHICH THIS PROJECT WILL BE LOCATED OR ON WHICH RELATED CONSTRUCTION WILL OCCUR (for dams, this includes the area that would be impounded during the design flood).

18. REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

I hereby request approval for construction across or along a stream as described in this application and any accompanying documents. To the best of my knowledge, all the information provided is true and correct.

SIGNATURE: Shelly E Colman  
Owner or Agent sign here. (If signed by Agent, a Power of Attorney should be attached.)

DATE: 11-27-12

SIGNATURE OF LOCAL FLOODPLAIN COORDINATOR:

Jimmy Kiser  
Permit application will be returned to applicant if not properly endorsed by the local floodplain coordinator.

DATE: 11/28/12

SUBMIT APPLICATION AND ATTACHMENTS TO:

Floodplain Management Section  
Division of Water  
14 Reilly Road  
Frankfort, KY 40601

COMMONWEALTH OF KENTUCKY  
NATURAL RESOURCES & ENVIRONMENTAL PROTECTION CABINET  
DEPARTMENT FOR ENVIRONMENTAL PROTECTION  
DIVISION OF WATER

APPLICATION FOR PERMIT TO CONSTRUCT ACROSS OR ALONG A STREAM  
AND / OR WATER QUALITY CERTIFICATION

Chapter 151 of the Kentucky Revised Statutes requires approval from the Division of Water prior to any construction or other activity in or along a stream that could in any way obstruct flood flows or adversely impact water quality. *If the project involves work in a stream, such as bank stabilization, dredging or relocation, you will also need to obtain a 401 Water Quality Certification (WQC) from the Division of Water.* This completed form will be forwarded to the Water Quality Branch for WQC processing. The project may not start until all necessary approvals are received from the KDOW. For questions concerning the WQC process, contact the WQC section at 502/564-3410.

If the project will disturb more than 1 acre of soil, you will also need to complete the attached Notice of Intent for Storm Water Discharges, and return both forms to the Floodplain management Section of the KDOW. This general permit will require you to create an implement an erosion control plan for the project.

1. OWNER: Jane Talerico (Parcel #27 - US 460 Millard Curve Roadway Project)  
Give name of person(s), company, governmental unit, or other owner of proposed project.

MAILING ADDRESS: 6112 Newstead Court, Greenacres, FL 33463

TELEPHONE #: (561) 373-2841 EMAIL: jmtalerico@outlook.com

2. AGENT: Stephen L. Arnold  
Give name of person(s) submitting application, if other than owner.

ADDRESS: 1046 East Chestnut Street, Louisville, KY 40204

TELEPHONE #: (502) 719-7894 EMAIL: sarnold@gk4.com

3. ENGINEER: Stephen L. Arnold P.E. NUMBER: 16463  
Contact Division of Water if waiver can be granted.

TELEPHONE #: same as above EMAIL: same as above

4. DESCRIPTION OF CONSTRUCTION: A portion of the excess material from the US 460 - Millard Curve roadway project is to be placed in the floodplain of Russell Fork, within Parcel #27. The material is to be placed from the edge of the established floodway of Russell Fork back towards US 460. The filled area encompasses approximately 50,155 square feet of the property with 22,872 cubic yards of material being placed.  
Describe the type and purpose of construction and describe stream impact

5. COUNTY: Pike NEAREST COMMUNITY: Millard

6. USGS QUAD NAME Millard LATITUDE/LONGITUDE: 37°23'12"N, 82°26'14" W

7. STREAM NAME: Russell Fork WATERSHED SIZE (in acres): 434,560

8. LINEAR FEET OF STREAM IMPACTED: No direct impact (filling in the floodplain)

9. DIRECTIONS TO SITE: The project site is located along US 460 and parallel to Russell Fork near Millard Middle School. Millard Middle School is located approximately 1.4 miles south of Millard, KY on US 460. Millard, KY is located approximately 9.0 miles southeast of Pikeville, KY.

10. IS ANY PORTION OF THE REQUESTED PROJECT NOW COMPLETE? Yes  No  If yes, identify the completed portion on the drawings you submit and indicate the date activity was completed. DATE: \_\_\_\_\_  
11. ESTIMATED BEGIN CONSTRUCTION DATE: April, 2013  
12. ESTIMATED END CONSTRUCTION DATE: April, 2014

13. HAS A PERMIT BEEN RECEIVED FROM THE US ARMY, CORPS OF ENGINEERS? Yes  No  If yes, attach a copy of that permit.

14. THE APPLICANT MUST ADDRESS PUBLIC NOTICE:  
(a) PUBLIC NOTICE HAS BEEN GIVEN FOR THIS PROPOSAL BY THE FOLLOWING MEANS:  
 Public notice in newspaper having greatest circulation in area (provide newspaper clipping or affidavit)  
 Adjacent property owner(s) affidavits (Contact Division of Water for requirements.)

(b)  I REQUEST WAIVER OF PUBLIC NOTICE BECAUSE:  
\_\_\_\_\_  
Contact Division of Water for requirements.

15. I HAVE CONTACTED THE FOLLOWING CITY OR COUNTY OFFICIALS CONCERNING THIS PROJECT:  
Mr. Jimmy Kiser, Pikeville, KY Floodplain Coordinator (Public Works Department)  
Give name and title of person(s) contacted and provide copy of any approval city or county may have issued.  
146 Main Street, Pikeville, KY 41501 (606) - 432-6204

16. LIST OF ATTACHMENTS: US 460 - Millard Curve plans, USGS site map, Russell Fork Hec-Ras Study  
List plans, profiles, or other drawings and data submitted. Attach a copy of a 7.5 minute USGS topographic map clearly showing the project location.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

17. I, JMD (owner) CERTIFY THAT THE OWNER OWNS OR HAS EASEMENT RIGHTS ON ALL PROPERTY ON WHICH THIS PROJECT WILL BE LOCATED OR ON WHICH RELATED CONSTRUCTION WILL OCCUR (for dams, this includes the area that would be impounded during the design flood).

18. REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

I hereby request approval for construction across or along a stream as described in this application and any accompanying documents. To the best of my knowledge, all the information provided is true and correct.

SIGNATURE: [Signature]  
Owner or Agent sign here. (If signed by Agent, a Power of Attorney should be attached.)

DATE: 3/26/13

SIGNATURE OF LOCAL FLOODPLAIN COORDINATOR: [Signature]  
Permit application will be returned to applicant if not properly endorsed by the local floodplain coordinator.

DATE: 4/11/13

SUBMIT APPLICATION AND ATTACHMENTS TO:  
Floodplain Management Section  
Division of Water  
14 Reilly Road  
Frankfort, KY 40601

