COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

COMMONWEALTH OF KENTUCKY – UNITED WE STAND – DIVIDED WE FALL

KENTUCKY TRANSPORTATION CABINET

PLANS OF PROPOSED PROJECT
Elliott County
Brown Ridge Road (KY 32)

Pole Removal:
30-6=1
35-5=1
40-4=6
45-4=3
50-2=1

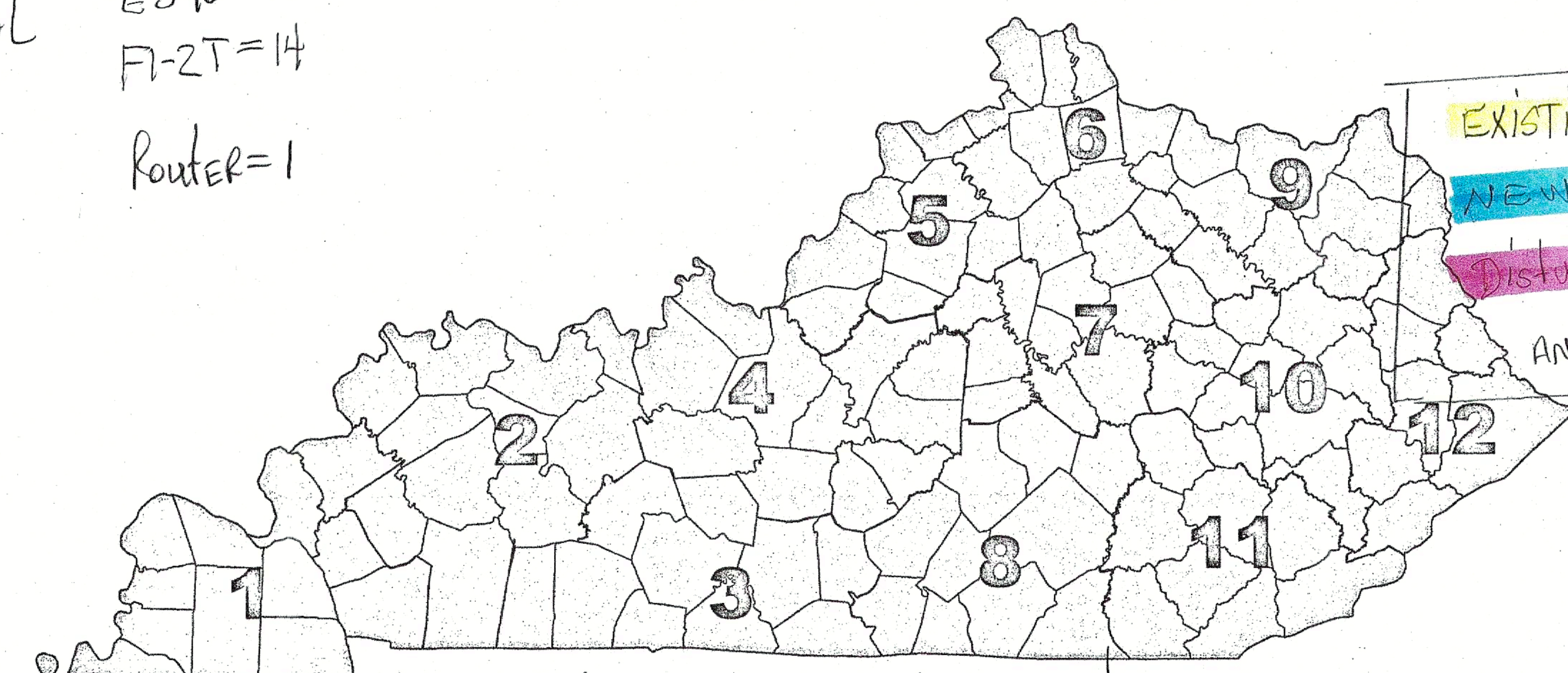
unit Removal
M2-2=11
M2-1R=8
E1-1=1
E1-2F=8
E1-2=3
E3-2=4
E3-10=14
F1-2T=14

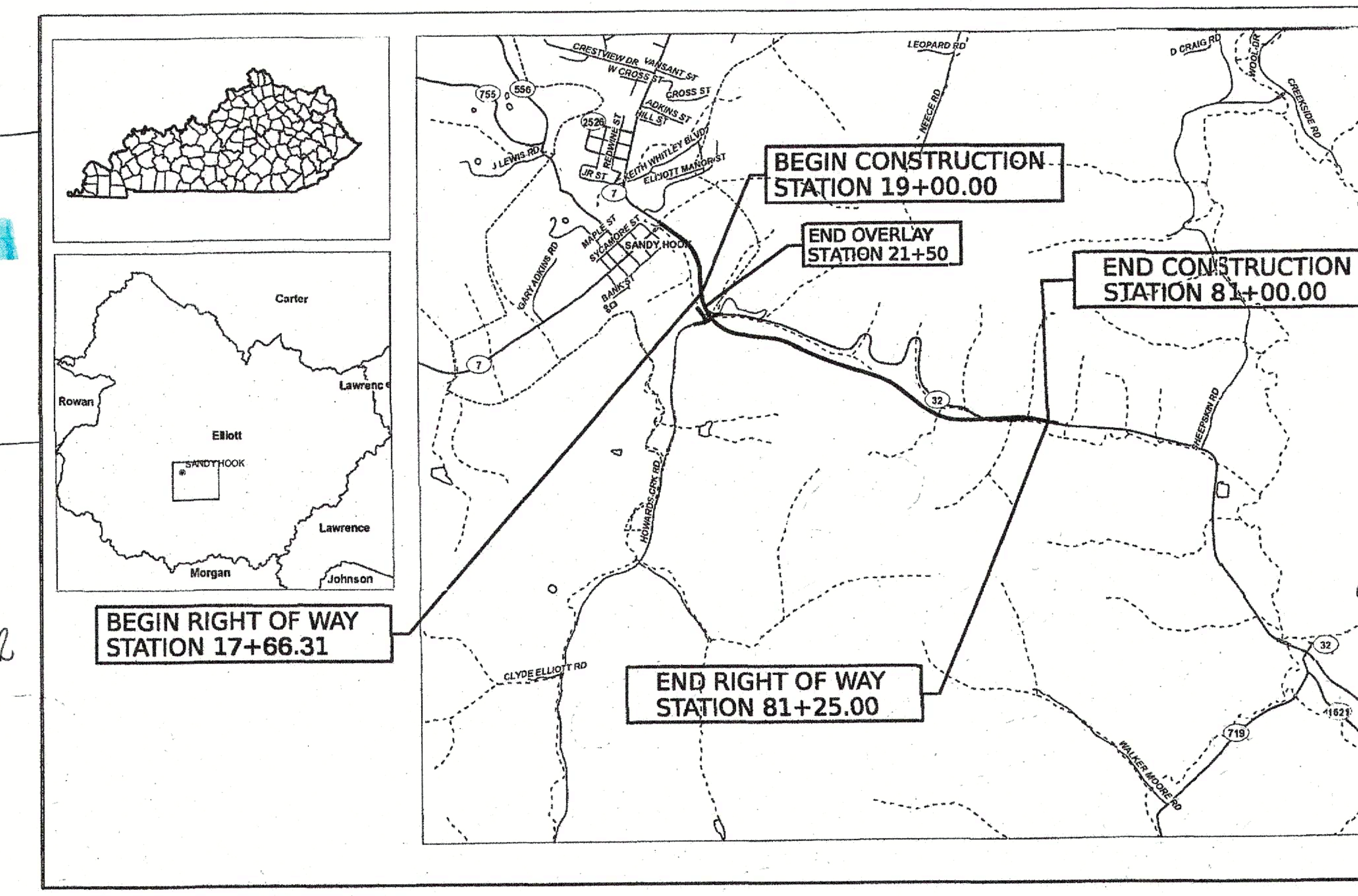
Router=1

wire Removal
1/0 ALTP 275'
2ACSR 520'
1/0 ACSR 4752'
3/0 ACSR 14,256'

unit Removal
A5-2E=2
C1-2=3
C2-2=4
C4-1E=1
C8E=2
C8-2E=1
C5-1E
G15=1
G-3=1
K11C=2
J8=1
M5-5=5
M5-9%=3
M5-10=2
M3-3=1
M5-23=14

LEGEND
EXISTING POWER LINE
NEW Proposed power Line
Disturb Limits
Anchors For power poles





Brown Ridge RD

New poles
30-6=3
35-2=1
40-2=2
45-2=8
50-2=6
55-2=1

New units
A5-2E=2
C1-2=3
C1-3=5
C2-2=2
C7-1E=10
C7-3E=1

C8E=4
M5-10E=5
M5-23=19
M5-5=19
M5-2=4
M2-2=20
M2-1R=11

E1-1=1
E1-2=23
E1-2F=34
F1-2T=10
F1-3=25
E2-2=4
E3-10=36

Transformer
G-15=2
K11C=2

New Router
New M3-3 position?

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.

LAYOUT MAP

THIS PROJECT IS OFF THE NH SYSTEM

wire = 1/0 ALTP 160'
2ACSR = 460'
1/0 ACSR = 4830'
3/0 ACSR = 14,590'

RIGHT OF WAY PLANS

THE CONTROL OF ACCESS ON THIS PROJECT SHALL BE BY PERMIT

STATE OF KENTUCKY – ROBERT W. NUNLEY – 17828 – LICENSED PROFESSIONAL ENGINEER

Digitally signed by Robert W Nunley
Date: 2022.08.31 19:16:40 -04'00'

DESIGN CRITERIA

CLASS OF HIGHWAY	RURAL MAJOR COLLECTOR
TYPE OF TERRAIN	ROLLING
DESIGN SPEED	45 MPH
REQUIRED NPSD	360'
REQUIRED PSD	N/A
LEVEL OF SERVICE	N/A
ADT PRESENT (2012)	1199
ADT FUTURE (2022)	1199
DHV	X
D %	X
T %	(2012) 5.42%

GEOGRAPHIC COORDINATES

LATITUDE 38 DEGREES 04 MINUTES 53 SECONDS NORTH
LONGITUDE 83 DEGREES 05 MINUTES 45 SECONDS WEST

DESIGNED

% RESTRICTED SD	X
LEVEL OF SERVICE	X
MAX. DISTANCE W/O PASSING	X

INDEX OF SHEETS

SHEETS NOT INCLUDED IN TOTAL SHEETS

LENGTH 7500.00 LIN. FT. 1.420 MILES	LENGTH ____ LIN. FT. ____ MILES	LENGTH ____ LIN. FT. ____ MILES	LENGTH ____ LIN. FT. ____ MILES
ADDED / DEDUCTED FOR EQUALITIES 0 LIN. FT. NOT INCLUDED	ADDED / DEDUCTED FOR EQUALITIES ____ LIN. FT. NOT INCLUDED	ADDED / DEDUCTED FOR EQUALITIES ____ LIN. FT. NOT INCLUDED	ADDED / DEDUCTED FOR EQUALITIES ____ LIN. FT. NOT INCLUDED
RAILROAD CROSSINGS NO. N/A LIN. FT.	RAILROAD CROSSINGS NO. ____ LIN. FT.	RAILROAD CROSSINGS NO. ____ LIN. FT.	RAILROAD CROSSINGS NO. ____ LIN. FT.
BRIDGES N/A LIN. FT.	BRIDGES ____ LIN. FT.	BRIDGES ____ LIN. FT.	BRIDGES ____ LIN. FT.

PROJECT NUMBER: FD52 032 0032 009-011
STP 5255 (024)

PROJECT DESCRIPTION: BROWN RIDGE ROAD (KY 32)

RECOMMENDED BY: ____ PROJECT MANAGER DATE:

PLAN APPROVED BY: ____ STATE HIGHWAY ENGINEER DATE:

PLANS PREPARED BY:
Vaughn & Melton
A JMT COMPANY
Consulting Engineers, Inc.
2480 FORTUNE DRIVE #250
LEXINGTON, KENTUCKY 40509
Phone: (859) 264-0281
KENTUCKY - TENNESSEE - NORTH CAROLINA - SOUTH CAROLINA - GEORGIA

LETTING DATE:

ITEM NO. 9-8802.00	COUNTY OF ELLIOTT
SHEET NO. R1	

ENTRANCE CHART						
STA.	LT. OR RT.	WIDTH	SQ. YDS.	PIPE	PIPE LF	TYPE
17+51.82	LT.	12	284.5	15" EQUIVALENT	30'	ASPH.
29+00	RT.	12	245.9	24" PIPE	63'	ASPH.

GUARDRAIL NOTES						
TYPE	BEGIN STATION	END STATION	LF	THRIE BEAM BRIDGE CONNECTOR EACH	TIE INTO EXISTING ? (Y/N)	END TREATMENT
Steel "W" Beam (single face)	Rt. 15+00	Rt. 21+75	675	N/A	N	1 - Type 1
Steel "W" Beam (single face)	Lt. 1+20 (Entr.)	Rt.102+56 (Appr.)	150	N/A	N	1-Terminal No. 1 and 1 - End Treatment Type 1

NOTES: * INCLUDES THE RADIUS RAIL FACTOR **7FT GUARDRAIL POSTS

BEGIN CONSTRUCTION
STA 18+00.00

PI STA 12+37.51
Δ = 50°06'19" RT
T = 332.34'
L = 621.77'
R = 711.00'
E = 73.84'
e = ____%
Runoff =
Runout =

PT 15+26.94

BEGIN R/W ACQUISITION
STA 17+66.31

PC 18+73.25

PI STA 24+67.71
Δ = 79°47'48" LT
T = 594.45'
L = 990.22'
R = 711.00'
E = 215.77'
e = ____%
Runoff =
Runout =

POB 98+06.00

BEGIN CONSTRUCTION
STA. 98+65.00

PC 98+41.84

PI STA 99+07.50
Δ = 41°13'46" LT
T = 37.62'
L = 71.96'
R = 100.00'
E = 6.84'
e = ____%
Runoff =
Runout =

Sta. 23+05.00 KY 32 Equals
Sta. 100+00 Howard Creeek Rd.

Sta. 101+48.24 Howard's Creek Rd. Equals
Sta. 0+06.00 Rehabilitation Center Entrance

PI STA 101+05.05
Δ = 28°45'07" RT
T = 50.75'
L = 99.36'
R = 198.00'
E = 6.40'
e = ____%
Runoff =
Runout =

END CONSTRUCTION
STA. 1+95.00

PI STA 1+41.29
Δ = 35°35'05" LT
T = 56.16'
L = 108.69'
R = 175.00'
E = 8.79'
e = N/A

BEGIN CONSTRUCTION
STA. 0+11.00

END CONSTRUCTION
STA. 102+25.00

POE 103+00.00

STA. 98+65 CONST. 22' OF EDGE KEY

ENTR. STA. 1+95 CONST. 22' OF EDGE KEY

STA. 102+25 CONST. 16.3' OF EDGE KEY

TEMP. ESMT. FOR ENTRANCE CONST.

TEMP. ESMT. FOR ENTR. CONST.

DANNY PENIX
DIANA PENIX (WF.)

BURNS ELLIOTT

BILLY PREWITT
DONNA PREWITT (WF.)

ELLIOTT NURSING & REHAB CENTER
C/O OMEGA HEALTHCARE INVESTORS

BRYAN M. VANGUNDY (Husband)
ROBIN R. VANGUNDY (Wife)

LITTLE SANDY RIVER

HOWARD'S CREEK ROAD

MATCHLINE STA. 30+00

Private 6 Public 0

(A) N86°38'48"E 10.00'
(B) Chord = S13°31'21"E 128.57'
R = 430.00' Arc = 129.05'
(C) S22°07'13"E 7.32'
(D) Chord = S27°27'42"E 47.48'
R = 255.00' Arc = 47.55'
(E) S57°11'48"W 10.00'
(F) Chord = S40°45'09"E 73.30'
R = 265.00' Arc = 73.53'
(G) S48°42'07"E 2.37'
(H) Chord = S54°38'30"E 60.02'
R = 290.00' Arc = 60.13'
(I) S37°10'07"W 13.65'
(J) Chord = S36°09'57"E 3.03'
R = 200.00' Arc = 3.03'
(K) Chord = S67°27'35"E 10.97'
R = 290.00' Arc = 10.97'
(L) S21°12'54"W 10.00'
(M) Chord = S73°18'45"E 47.36'
R = 300.00' Arc = 47.41'
(N) S77°50'24"E 2.16'
(O) Chord = S82°57'07"E 120.29'
R = 675.00' Arc = 120.45'
(P) Chord = N53°59'33"E 144.13'
R = 230.00' Arc = 146.60'
(Q) N35°43'57"E 44.73'
(R) N37°10'07"E 19.12'
(S) N80°04'24"E 36.37'
(T) Chord = N13°50'13"E 31.37'
R = 230.00' Arc = 31.39'
(U) S 35°44'12"W 45.24'

RIGHT OF WAY PLANS

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: PLAN SHEET KENTUCKY 32

HORIZONTAL SCALE
SCALE: 1" = 50'
0' 50' 100' 200'

STA 15+00 TO 30+00

ITEM NO. 9-8802.00
COUNTY OF ELLIOTT
SHEET NO. R3

OpenRoads Designer v10.16.2.267 USER: jcphilpot DATE PLOTTED: 9/7/2005 7:08:02 PM
FILE NAME: V:\KY\TRANSPORTATION\011930-06 ELLIOT KY32\ROAD-SITE\SHEETS\09_8802_00_R_PLAN.DGN

Private 16 Public 0

NOTE: set New Pole's ON HWY side For more solid Base.

DANNY PENIX
DIANA PENIX (WF.)
C/O ASHLEY PENIX

DANNY PENIX
DIANA PENIX (WF.)

DANNY PENIX
DIANA PENIX (WF.)

BILLY PREWITT
DONNA PREWITT (WF)

BILLY PREWITT
DONNA PREWITT (WF)

P 13

Chord = S64°33'24"E 24.13'
R = 2470.00'
Arc = 24.13'

Chord = S64°38'18"E 25.62'
R = 2030.00'
Arc = 25.62'

S25°00'01"W 20.00'

N20°54'28"E 19.99'

S16°36'35"W, 10.00'

Chord = S74°06'24"E, 51.00'
R = 2040.00'
Arc = 51.00'

S15°10'38"W 20.00'

Chord = S75°12'38"E 27.89'
R = 2060.00'
Arc = 27.90'

Chord = S71°14'28"E, 152.25'
R = 2030.00' Arc = 152.29'

Chord = S67°08'58"E, 153.78'
R = 2050.00'
Arc = 153.82'

Chord = S81°50'10"E
124.95'
R = 575.00'
Arc = 125.20'

PI STA 34+82.80
Δ = 18°22'58" RT
T = 155.34'
L = 308.02'
R = 960.00'
E = 12.49'
e = ___ %
Runoff =
Runout =

PI STA 42+32.90
Δ = 06°45'56" LT
T = 193.29'
L = 386.12'
R = 3270.00'
E = 5.71'
e = ___ %
Runoff =
Runout =

MATCHLINE STA. 30+00

MATCHLINE STA. 45+00

RIGHT OF WAY PLANS

ENTRANCE CHART						
STA.	LT. OR RT.	WIDTH	SQ. YDS.	PIPE	PIPE LF	TYPE
31+00	LT.	12	114.0	15" PIPE	50'	ASPH.

GUARDRAIL NOTES						
TYPE	BEGIN STATION	END STATION	LF	THRIE BEAM BRIDGE CONNECTOR EACH	TIE INTO EXISTING ? (Y/N)	END TREATMENT
Steel "W" Beam (single face)	Lt. 32+83	Lt. 45+00	1100	N/A	N	1-Type 3
Steel "W" Beam (single face)	Rt. 39+75	Rt. 42+00	125	N/A	N	2-Type 1
Steel "W" Beam (single face)	Rt.44+50	Rt. 45+00		N/A	N	1-Type 1
NOTES: * INCLUDES THE RADIUS RAIL FACTOR **7FT GUARDRAIL POSTS						

DITCH CONSTRUCTION RT CL					
STA. TO STA.	Z:1 \ W / Z:1	CHANNEL LINING			
		TYPE	D	T	QTY
37+50 - 38+38	2:1\0/2:1				
39+30 - 40+69.09	2:1\0/2:1				
40+69.09 - 42+00	2:1\0/2:1				

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: PLAN SHEET KENTUCKY 32

HORIZONTAL SCALE
SCALE: 1" = 50'

0' 50' 100' 200'

STA 30+00 TO 45+00

ITEM NO. 9-8802.00
COUNTY OF ELLIOT
SHEET NO. R5

OpenRoads Designer v10.16.2.267 USER: jcphilpot DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: V:\KY\TRANSPORTATION\011930-06 ELLIOT KY32\ROAD-SITE\SHEETS\09_8802_00_R_PLAN.DGN

RIGHT OF WAY PLANS

A Chord = N88°27'04"E 32.54' R = 225.00' Arc = 32.57'	E Chord = N57°45'51"E 19.75' R = 90.00' Arc = 19.79'	H Chord = S24°26'06"E 15.68' R = 50.00' Arc = 15.75'
B N05°41'47"W 30.00'	F N64°03'48"E 7.47'	I Chord = S74°40'26"E 33.54' R = 550.00' Arc = 33.54'
C Chord = N42°47'19"E 36.21' R = 120.00' Arc = 36.34'	G Chord = S74°41'49"E 26.37' R = 20.00' Arc = 28.79'	J S13°34'44"W 10.00'
D S38°32'05"E 30.00'		

K S69°30'15"E 20.00'	N S74°28'44"E 2.60'	Q S05°34'40"E 14.49'
L Chord = N18°32'46"E 30.62' R = 450.00' Arc = 30.62'	O Chord = N57°15'13"E 5.92' R = 10.00' Arc = 6.01'	R N80°02'49"W 30.00'
M S73°24'12"E 20.00'	P Chord = S22°48'11"E 29.61' R = 50.00' Arc = 30.06'	S Chord = S15°38'29"E 53.06' R = 520.00' Arc = 53.08'
		T S53°52'18"W 10.00'
		U N42°09'29"E 10.00'
		V Chord = S49°38'31"E 32.67' R = 520.00' Arc = 32.68'

MATCHLINE "A"

DEBORAH L. MANNING (P/16)

DANNY PENIX
DIANA PENIX (WF.)

DANNY PENIX
DIANA PENIX (WF.)

DONALD MAUK
TINA MAUK (WF.)
(P/15)

BILLY PREWITT
DONNA PREWITT (WF.)
(P/13)

BILLY PREWITT
DONNA PREWITT (WF.)
(P/13)

DONALD MAUK
TINA MAUK (WF.)
(P/15)

Private 2 | Public

Private 5 | Public 2

MATCHLINE "A"

MATCHLINE STA. 45+00

MATCHLINE STA. 60+00

EX.& PROP. R/W

PROP. R/W

24" PIPE

18" PIPE

24" PIPE

Note: SET pole 9' DEEP

SPAN SHOWN ON SHEET #5

PI STA 53+20.81
Δ = 20°41'50" RT
T = 270.26'
L = 534.63'
R = 1480.00'
E = 24.47'
e = ___%
Runoff =
Runout =

PI STA 63+57.34
Δ = 41°54'53" LT
T = 367.69'
L = 702.29'
R = 960.00'
E = 68.01'
e = %
Runoff =
Runout =

GUARDRAIL NOTES						
TYPE	BEGIN STATION	END STATION	LF	THRIE BEAM BRIDGE CONNECTOR EACH	TIE INTO EXISTING ? (Y/N)	END TREATMENT
Steel "W" Beam (single face)	Lt. 45+00	Lt. 51+10	562.5	N/A	N	1-Type 1
Steel "W" Beam (single face)	Rt. 45+00	Rt.46+50	100	N/A	N	1-Type 1
Steel "W" Beam (single face)	Lt. 55+40	Lt. 58+60	100	N/A	N	2-Type 3
NOTES: * INCLUDES THE RADIUS RAIL FACTOR **7FT GUARDRAIL POSTS						

DITCH CONSTRUCTION RT CL					
STA. TO STA.	Z:1 \ W / Z:1	CHANNEL LINING			
		TYPE	D	T	QTY
45+00 - 45+75	2:1\0/2:1				
45+75 - 46+00	2:1\0/2:1				
50+35 - 50+68.75	2:1\0/2:1				
50+68.75 - 51+05	2:1\0/2:1				

COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS	DRAWING TITLE: PLAN SHEET KENTUCKY 32	HORIZONTAL SCALE SCALE: 1" = 50'	STA 45+00 TO 60+00

ITEM NO. 9-8802.00 COUNTY OF ELLIOTT
SHEET NO. R7

OpenRoads Designer v10.14.4.4 USER: slevans DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: V:\KY\TRANSPORTATION\011930-06 ELLIOT KY32\ROAD-SITE\SHEETS\09_8802_00_R_PLAN.DGN

RIGHT OF WAY PLANS

GUARDRAIL NOTES						
TYPE	BEGIN STATION	END STATION	LF	THRIE BEAM BRIDGE CONNECTOR EACH	TIE INTO EXISTING ? (Y/N)	END TREATMENT
Steel "W" Beam (single face)	RT 60+60	RT.63+77	325	N/A	N	2-TYPE 3
Steel "W" Beam (single face)	LT 60+50	LT 64+25	375	N/A	N	2-TYPE 3

NOTES: * INCLUDES THE RADIUS RAIL FACTOR **7FT GUARDRAIL POSTS

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: PLAN SHEET KENTUCKY 32

HORIZONTAL SCALE
SCALE: 1" = 50'

0' 50' 100' 200'

STA 60+00 TO 75+00

ITEM NO. 9-8802.00
COUNTY OF ELLIOTT
SHEET NO. R9

OpenRoads Designer v10.16.2.267
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RIGHT OF WAY PLANS

END CONSTRUCTION
STA. 81+00.00

END R/W
ACQUISITION
STA 81+25.00

DEBORAH L.MANNING
P
16

JERRY GILLIAM
JOANNE GILLIAM (WF.)

HARRY ADKINS, JR.
C/O RON SAVORY

DONALD MAUK
TINA MAUK (WF.)
P
15

HARRY ADKINS, JR.
C/O RON SAVORY

BARN

STA. 81+00 CONST. 22' OF EDGE KEY

PI STA 76+03.65
Δ = 14°32'51" RT
T = 122.53'
L = 243.75'
R = 960.00'
E = 7.79'
e = ____%
Runoff =
Runout =

CP 15-14-05
N 3927059.59
E 5683115.94
ELEV. 748.60

CP 15-14-04
N 3927004.01
E 5684005.60
ELEV. 721.79
OFF THE PROJECT

CP 15-14-03
N 3926676.29
E 5685239.87
ELEV. 695.57
OFF THE PROJECT

CP 15-14-02
N 3924170.72
E 5685963.20
ELEV. 706.86
OFF THE PROJECT

CP 15-14-01
N 3923456.29
E 5686734.96
ELEV. 713.19
OFF THE PROJECT

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: PLAN SHEET KENTUCKY 32

HORIZONTAL SCALE
SCALE: 1" = 50'

STA 75+00 TO 81+00

ITEM NO. 9-8802.00
COUNTY OF ELLIOTT
SHEET NO. R11

OpenRoads Designer v10.14.4.4 USER: slevans DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: V:\KY\TRANSPORTATION\011930-06 ELLIOT KY32\ROAD-SITE\SHEETS\09_8802_00_R_PLAN.DGN