



TRANSPORTATION CABINET

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

Steven L. Beshear
Governor

Michael W. Hancock, P.E.
Secretary

July 31, 2013

CALL NO. 100
CONTRACT ID NO. 131011
ADDENDUM # 1

Subject: Barren County, NHPP 0652 (088)
Letting August 16, 2013

(1) Revised - Plan Sheet - R1

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 "Ryan Griffith".

Ryan Griffith
Acting Director
Division of Construction Procurement

RG:ks
Enclosures



An Equal Opportunity Employer M/F/D

COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS

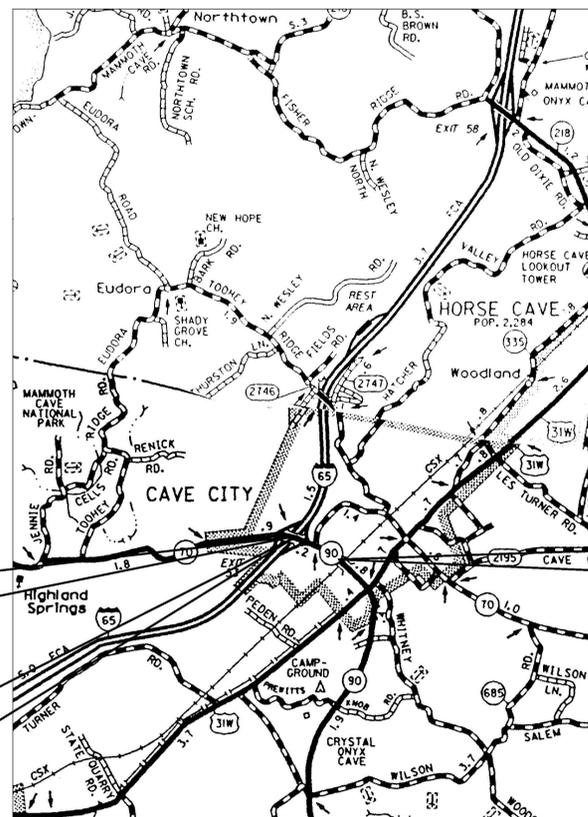
COUNTY OF	ITEM NO.	SHEET NO.
BARREN	3-13.20	R1

PLANS OF PROPOSED PROJECT BARREN COUNTY KY 70 /KY 90 NHPP 0652 (088) GRADE, DRAIN, & SURFACING

SHEET NO.	DESCRIPTION
R1	LAYOUT SHEET
R2 - R2F	TYPICAL SECTIONS-SUMMARY OF QUANTITIES
R2G	GENERAL NOTES SHEET
R3 - R12	PLAN AND PROFILE SHEETS
R13	RIGHT OF WAY SUMMARY SHEETS
R14	RIGHT OF WAY STRIP MAP SHEETS
R15	COORDINATE CONTROL SHEET
R16 - R23	DETAIL SHEETS
R24 - R36	TRAFFIC CONTROL SHEETS
R37 - R39	EROSION CONTROL SHEETS
R30 - R31	PAVEMENT STRIPING SHEETS
R32 - R33	GEOTECHNICAL SHEETS
R34 - R41	PIPE DRAINAGE SHEETS
XI - X34	CROSS SECTION SHEETS
T1 - T30	TRAFFIC PLANS
TOTAL SHEETS 50	
(R) ROADWAY	50
(T) TRAFFIC	30
(X) CROSS SECTION	34
SHEETS NOT INCLUDED IN TOTAL SHEETS	
R2A-R2G, R21A, R21B	

STANDARD DRAWINGS		
RBC-001-10	RDB-270-08	RDX-230
RBC-002-02	RDB-271-04	RFW-005-07
RBC-003-07	RDB-272-06	RGS-001-06
RBI-001-10	RDB-273-05	RGS-002-05
RBI-002-06	RDB-410-05	RPM-100-09
RBM-115-09	RDD-040-04	RPM-110-06
RBM-130-04	RDI-001-09	RPM-170-08
RBR-001-11	RDI-020-08	RRP-001-04
RBR-010-05	RDI-025-04	TPM-100-02
RBR-015-04	RDI-021	TPM-120-02
RBR-016-04	RDX-005-02	TPM-125-02
RDB-001-11	RDX-060-03	TPM-145-02
	RDX-210-02	TTC-155-01
	RDX-220-04	
	RDX-225	

NUMBER OF STANDARD DRAWINGS: 40



THIS PROJECT IS OFF THE NATIONAL HIGHWAY SYSTEM

FROM STA. 116+90.63 TO STA. 124+98.99 THIS PROJECT IS A FULLY CONTROLLED ACCESS HIGHWAY.

FROM STA. 124+98.99 TO POE THIS PROJECT IS A PARTIALLY CONTROLLED ACCESS HIGHWAY. ACCESS SHALL BE PROVIDED ONLY WHERE SPECIFICALLY INDICATED ON PLANS.

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.

KY 70/KY 90 BRIDGE (EXISTING)

END CONSTRUCTION STA. 146+45.61

BEGIN CONSTRUCTION STA. 116+90.63

GRADE, DRAIN & SURFACING PLANS

DESIGN CRITERIA	
CLASS OF HIGHWAY	MINOR ARTERIAL
TYPE OF TERRAIN	ROLLING
DESIGN SPEED	45 MPH
REQUIRED NPSD	360'
REQUIRED PSD	N/A
LEVEL OF SERVICE	
ADT PRESENT (2005)	13,580
ADT FUTURE (2025)	20,200
DHV	2,060
D %	
T %	12% ADT 8% DHV
GEOGRAPHIC COORDINATES	
LATITUDE	37 DEGREES 08 MINUTES 07 SECONDS NORTH
LONGITUDE	85 DEGREES 58 MINUTES 36 SECONDS WEST
DESIGNED	
% RESTRICTED SD	0%
LEVEL OF SERVICE	
MAX. DISTANCE W/O PASSING	N/A

KY 70 / KY 90		RAMPS		MILES		MILES	
LENGTH	2,954.98 LIN. FT.	LENGTH	429.32 LIN. FT.	LENGTH	0.560	LENGTH	0.081
ADDED DEDUCTED	FOR EQUALITIES	ADDED DEDUCTED	FOR EQUALITIES	ADDED DEDUCTED	FOR EQUALITIES	ADDED DEDUCTED	FOR EQUALITIES
	NOT INCLUDED		NOT INCLUDED		NOT INCLUDED		NOT INCLUDED
RAILROAD CROSSINGS NO.	LIN. FT.	RAILROAD CROSSINGS NO.	LIN. FT.	RAILROAD CROSSINGS NO.	LIN. FT.	RAILROAD CROSSINGS NO.	LIN. FT.
BRIDGES	LIN. FT.	BRIDGES	LIN. FT.	BRIDGES	LIN. FT.	BRIDGES	LIN. FT.

KENTUCKY DEPARTMENT OF HIGHWAYS
COUNTY OF **BARREN**

ITEM NO. 3-13.20
PROJECT NUMBER: FD52 005 0065 052-053 NH 0652 (086)
LETTING DATE:

RECOMMENDED BY: **Jim Hudson** DATE: 4-12-13
PROJECT MANAGER

PLAN APPROVED BY: *[Signature]* DATE: 4-12-13
STATE HIGHWAY ENGINEER

PREPARED BY
PALMER ENGINEERING COMPANY
400 SHOPPERS DRIVE
WINCHESTER, KENTUCKY 40392-0747
(859) 744-1218

DESIGNED BY: _____ BY: **STEPHEN D. SEWELL**

Stephen D Sewell
Digitally signed by Stephen D Sewell
DN: cn=Stephen D Sewell, o=Palmer Engineering, ou, email=ssewell@palmermet.com, c=US
Date: 2013.04.12 15:20:47 -0400

NO. SETS
RECORD PLANS
CONSTRUCTION PLANS

REVIEWED BY
DIVISION OF CONSTRUCTION

Cell Library: kyfc.cel
Cell Name: sl
DD-MM-YY HH:MM
1/18/2013

RD0100L S. cgm

COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS

COUNTY OF	ITEM NO.	SHEET NO.
BARREN	3-13.20	R1

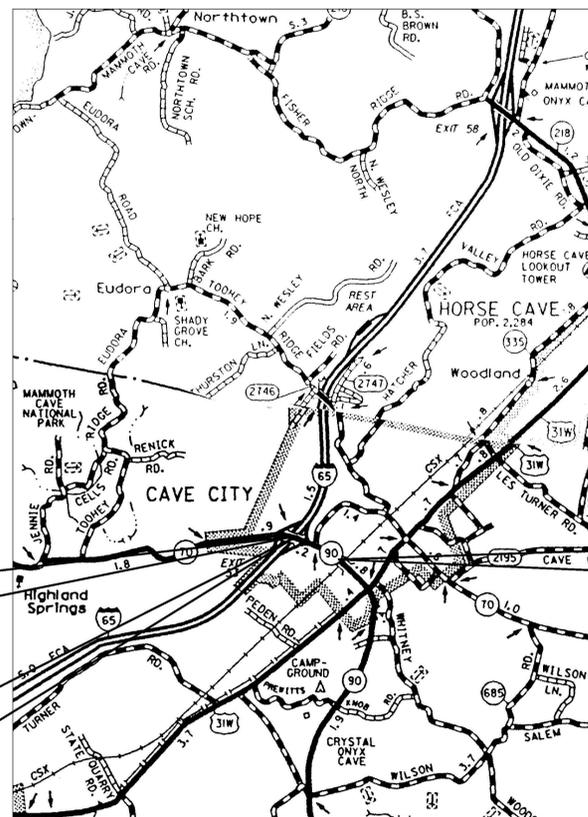
REVISED 7-31-13

PLANS OF PROPOSED PROJECT BARREN COUNTY KY 70 /KY 90 NHPP 0652 (088) GRADE, DRAIN, & SURFACING

SHEET NO.	DESCRIPTION
R1	LAYOUT SHEET
R2 - R2F	TYPICAL SECTIONS-SUMMARY OF QUANTITIES
R2G	GENERAL NOTES SHEET
R3 - R12	PLAN AND PROFILE SHEETS
R13	RIGHT OF WAY SUMMARY SHEETS
R14	RIGHT OF WAY STRIP MAP SHEETS
R15	COORDINATE CONTROL SHEET
R16 - R23	DETAIL SHEETS
R24 - R36	TRAFFIC CONTROL SHEETS
R37 - R39	EROSION CONTROL SHEETS
R30 - R31	PAVEMENT STRIPING SHEETS
R32 - R33	GEOTECHNICAL SHEETS
R34 - R41	PIPE DRAINAGE SHEETS
XI - X34	CROSS SECTION SHEETS
T1 - T30	TRAFFIC PLANS
TOTAL SHEETS 50	
(R) ROADWAY	50
(T) TRAFFIC	30
(X) CROSS SECTION	34
SHEETS NOT INCLUDED IN TOTAL SHEETS	
R2A-R2G, R21A, R21B	

STANDARD DRAWINGS		
RBC-001-10	RDB-270-08	RDX-230
RBC-002-02	RDB-271-04	RFW-005-07
RBC-003-07	RDB-272-06	RGS-001-06
RBI-001-10	RDB-273-05	RGS-002-05
RBI-002-06	RDB-410-05	RPM-100-09
RBM-115-09	RDD-040-04	RPM-110-06
RBM-130-04	RDI-001-09	RPM-170-08
RBR-001-11	RDI-020-08	RRP-001-04
RBR-010-05	RDI-025-04	TPM-100-02
RBR-015-04	RDI-021	TPM-120-02
RBR-016-04	RDX-005-02	TPM-125-02
RDB-001-11	RDX-060-03	TPM-145-02
	RDX-210-02	TTC-155-01
	RDX-220-04	
	RDX-225	

NUMBER OF STANDARD DRAWINGS: 40



THIS PROJECT IS OFF THE NATIONAL HIGHWAY SYSTEM

FROM STA. 116+90.63 TO STA. 124+98.99 THIS PROJECT IS A FULLY CONTROLLED ACCESS HIGHWAY.

FROM STA. 124+98.99 TO POE THIS PROJECT IS A PARTIALLY CONTROLLED ACCESS HIGHWAY. ACCESS SHALL BE PROVIDED ONLY WHERE SPECIFICALLY INDICATED ON PLANS.

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.

KY 70/KY 90 BRIDGE (EXISTING)

END CONSTRUCTION STA. 146+45.61

BEGIN CONSTRUCTION STA. 116+90.63

GRADE, DRAIN & SURFACING PLANS

DESIGN CRITERIA	
CLASS OF HIGHWAY	MINOR ARTERIAL
TYPE OF TERRAIN	ROLLING
DESIGN SPEED	45 MPH
REQUIRED NPSD	360'
REQUIRED PSD	N/A
LEVEL OF SERVICE	
ADT PRESENT (2005)	13,580
ADT FUTURE (2025)	20,200
DHV	2,060
D %	
T %	12% ADT 8% DHV
GEOGRAPHIC COORDINATES	
LATITUDE	37 DEGREES 08 MINUTES 07 SECONDS NORTH
LONGITUDE	85 DEGREES 58 MINUTES 36 SECONDS WEST
DESIGNED	
% RESTRICTED SD	0%
LEVEL OF SERVICE	
MAX. DISTANCE W/O PASSING	N/A

KY 70 / KY 90		RAMPS		MILES		MILES	
LENGTH	2,954.98 LIN. FT.	LENGTH	429.32 LIN. FT.	LENGTH	0.560	LENGTH	0.081
ADDED DEDUCTED	FOR EQUALITIES	ADDED DEDUCTED	FOR EQUALITIES	ADDED DEDUCTED	FOR EQUALITIES	ADDED DEDUCTED	FOR EQUALITIES
	NOT INCLUDED		NOT INCLUDED		NOT INCLUDED		NOT INCLUDED
RAILROAD CROSSINGS NO.	LIN. FT.	RAILROAD CROSSINGS NO.	LIN. FT.	RAILROAD CROSSINGS NO.	LIN. FT.	RAILROAD CROSSINGS NO.	LIN. FT.
BRIDGES	LIN. FT.	BRIDGES	LIN. FT.	BRIDGES	LIN. FT.	BRIDGES	LIN. FT.

KENTUCKY DEPARTMENT OF HIGHWAYS
COUNTY OF **BARREN**

ITEM NO. 3-13.20
PROJECT NUMBER: FD52 005 0065 052-053 NH 0652 (086)
LETTING DATE:

DESIGNED BY: _____ BY: STEPHEN D. SEWELL

RECOMMENDED BY: **Jim Hudson** DATE: 4-12-13
PROJECT MANAGER

PLAN APPROVED BY: *[Signature]* DATE: 4-12-13
STATE HIGHWAY ENGINEER

PREPARED BY
PALMER ENGINEERING COMPANY
400 SHOPPERS DRIVE
WINCHESTER, KENTUCKY 40392-0747
(859) 744-1218

STATE OF KENTUCKY
STEPHEN D. SEWELL
24030
LICENSED PROFESSIONAL ENGINEER

Digitally signed by Stephen D Sewell
DN: cn=Stephen D Sewell, o=Palmer Engineering, ou, email=ssewell@palmermet.com, c=US
Date: 2013.04.15 15:24:47 -0400

Cell Library: kyfc.cel
Cell Name: sl
DD-MM-YY HH:MM
1/18/2013
R001001.S.dgn