COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R1

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

PLANS OF PROPOSED PROJECT
KY 80
GRAVES COUNTY
RIGHT OF WAY PLANS
FD04 042 0080 011–019 MARS #5162411D

THIS PROJECT IS A PARTIALLY CONTROLLED ACCESS HIGHWAY. ACCESS SHALL BE ALLOWED ONLY WHERE SPECIFICALLY SHOWN ON PLANS. MINIMUM SPACING IS 1200 FEET.

RIGHT OF WAY PLANS

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
R1	LAYOUT SHEET
R2-R2G	TYPICAL SECTIONS
R3-R53	PLAN AND PROFILE SHEETS
R54-R56	RAILROAD VALUATION SHEETS
R57-R58	RIGHT OF WAY SUMMARY SHEETS
R59-R61	RIGHT OF WAY STRIP MAP SHEETS
✳R62-R69	TRAFFIC CONTROL SHEETS
R70-R71	REFERENCE SHEETS

✳R67 (SHEET NOT USED)

TOTAL SHEETS 77

(R) ROADWAY
(S) STRUCTURE
(T) TRAFFIC
(U) UTILITY
(X) CROSS SECTION

SHEETS NOT INCLUDED IN TOTAL SHEETS
R2A, R2B, R2C, R2D, R2E, R2F, R2G

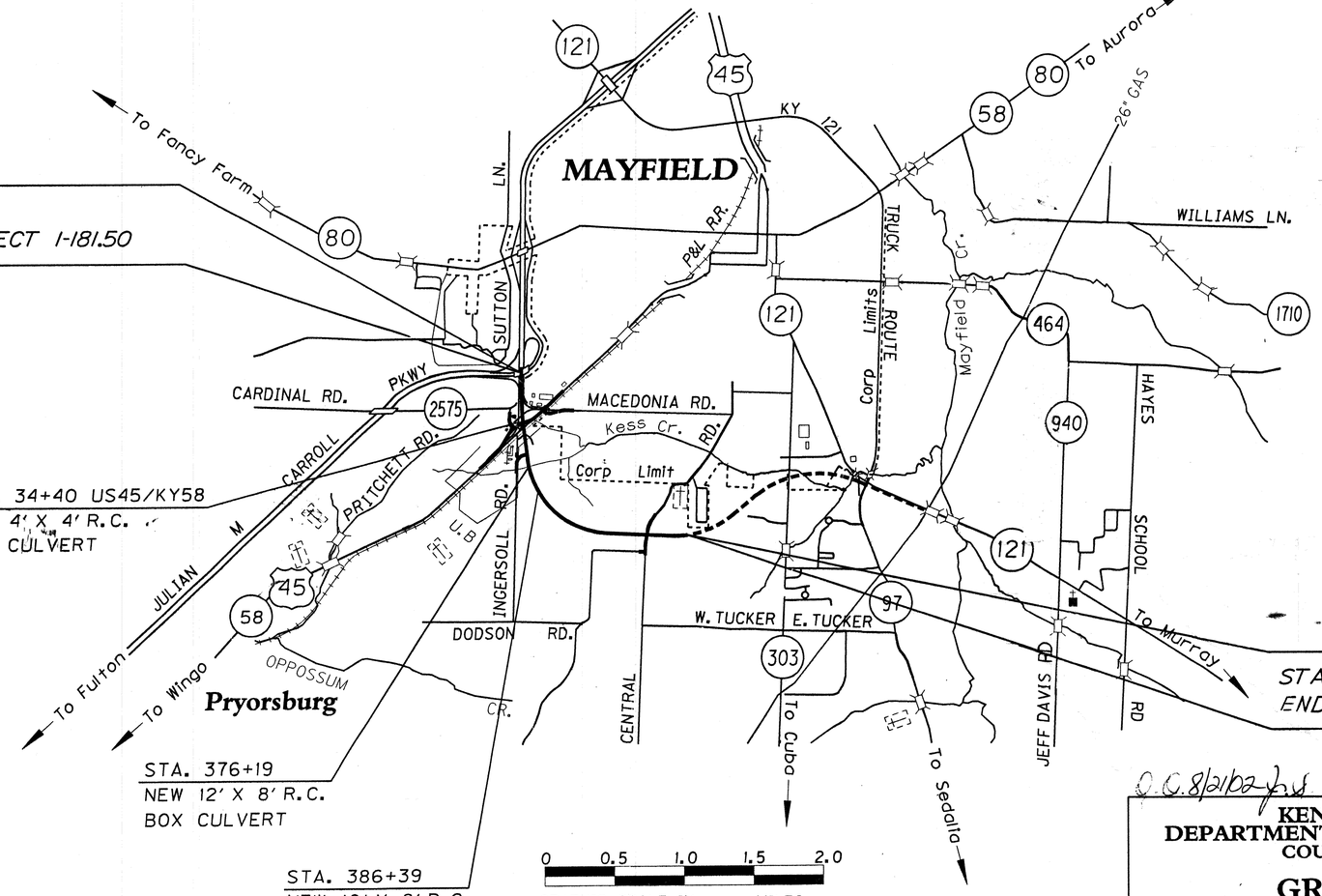
STA. 340+23.23
BEGIN RIGHT OF WAY PROJECT 1-181.50

STA. 34+40 US45/KY58
NEW 4' X 4' R.C.
BOX CULVERT

STA. 376+19
NEW 12' X 8' R.C.
BOX CULVERT

STA. 386+39
NEW 10' X 8' R.C.
BOX CULVERT

STA. 449+60.85
END RIGHT OF WAY PROJECT 1-181.50



LAYOUT MAP

PLAN REVISION

DATE	SHEET NO.	DESCRIPTION
9-3-02	R-36	
3-14-03	R29,R30,R32,R33,R38,R55,R56,R57,R69	Revision Rev. 2
	SEE SHEET R1	

STANDARD DRAWINGS

NUMBER

DESIGN CRITERIA

CLASS OF HIGHWAY	RURAL ARTERIAL
TYPE OF TERRAIN	ROLLING
DESIGN SPEED	60 mph
REQUIRED SSD	570
REQUIRED PSD	Not Applicable
LEVEL OF SERVICE	B
ADT PRESENT (2005)	11,600
ADT FUTURE (2025)	17,200
DHV	1520
D %	60/40
T %	11%

GEOGRAPHIC COORDINATES

LATITUDE 36 DEGREES 42 MINUTES NORTH
LONGITUDE 88 DEGREES 39 MINUTES WEST

DESIGNED

% RESTRICTED SD Not Applicable
LEVEL OF SERVICE
MAX. DISTANCE W/O PASSING Not Applicable

Item 1-181.50

GROSS LENGTH	10,919.27 LIN. FT.		2.06 MILES	
ADDED / DEDUCTED FOR EQUALITIES	0.000 LIN. FT.			
NET LENGTH	LIN. FT.		MILES	
NOT INCLUDED				
RAILROAD CROSSINGS NO.	18.35 LIN. FT.			
BRIDGES	LIN. FT.			

GROSS LENGTH	LIN. FT.		MILES	
ADDED / DEDUCTED FOR EQUALITIES	LIN. FT.			
NET LENGTH	LIN. FT.		MILES	
NOT INCLUDED				
RAILROAD CROSSINGS NO.	LIN. FT.			
BRIDGES	LIN. FT.			

GROSS LENGTH	10,919.27 LIN. FT.		2.06 MILES	
ADDED / DEDUCTED FOR EQUALITIES	LIN. FT.			
NET LENGTH	LIN. FT.		MILES	
NOT INCLUDED				
RAILROAD CROSSINGS NO.	18.35 LIN. FT.			
BRIDGES	LIN. FT.			

GROSS LENGTH	LIN. FT.		MILES	
ADDED / DEDUCTED FOR EQUALITIES	LIN. FT.			
NET LENGTH	LIN. FT.		MILES	
NOT INCLUDED				
RAILROAD CROSSINGS NO.	LIN. FT.			
BRIDGES	LIN. FT.			

O.C. 8/21/02 jrs

KENTUCKY
DEPARTMENT OF HIGHWAYS
COUNTY OF
GRAVES

KY 80 FROM THE US 45 BY-PASS TO 0.845 MILES WEST OF KY 303 (CUBA ROAD)

ITEM NO. 1-181.50
PROJECT FD04 042 0080 011-019, MARS#5162411D
NUMBER: RW MARS # FD04 C042 51624 09R
LETTING DATE:

RECOMMENDED BY _____ PROJECT MANAGER 5-17-02 DATE
PLAN APPROVED BY _____ STATE HIGHWAY ENGINEER DATE

Florence & Hutcheson, Inc.
CONSULTING ENGINEERS
2550 IRVIN COBB DRIVE
PADUCAH, KY. 42003

5/9/02

DATE | NO. SETS | RECORD PLANS | CONSTRUCTION PLANS

REVIEWED BY _____ DIVISION OF CONSTRUCTION

PREPARED BY _____ DATE
CHECKED BY _____ DATE
APPROVED BY _____ DATE

Cell Library: kytc.cel
Cell Name: sl
08-MAY-2002 11:20

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R1A

REVISED PLAN DATE: NOVEMBER 9, 2012

RIGHT OF WAY REVISION NO. 1

REVISED PLANS DATE : JUNE 30, 2004

SHEETS REVISED : R1, R1A, R26, R27, R28, R29, R30, R31, R35, R36, R57, R59, X84, X85, X86

PARCELS INVOLVED : P#16, P#19

REMARKS : REVISED THE PROPOSED R/W & PROPOSED EASEMENTS ON P#16 & P#19.
REVISED US 45 /KY 58 X-SECTION DITCHING & BACKSLOPES ALONG P#16 AND P#19.

RIGHT OF WAY REVISION NO. 2

REVISED PLANS DATE : MARCH 10, 2005

SHEETS REVISED : R1A, R21

PARCELS INVOLVED : P#37 & P#40

REMARKS : CHANGED ACCESS RD. AND ENTRANCES WIDTHS TO 24' LT. & RT. 449+60.85.

RIGHT OF WAY REVISION NO. 3

REVISED PLANS DATE : FEBRUARY 26, 2007

SHEETS REVISED : R1, R1A, R2D, R7, R8, R26, R27, R29, R30, R32, R33, R34, R35, R36, R38, R39, R40, R41, R42, R43, R56, R57, R59, R62, R64, R67, R70, R71, X95 thru X98, & X107 thru X133.

SHEETS ELIMINATED : R67

PARCELS INVOLVED : P#11, P#22, P#25, P#26, P#27

REMARKS : ELIMINATED MACEDONIA ROAD RELOCATION AND REVISED, PROPOSED R/W AND EASEMENTS ON MACEDONIA ROAD. REVISED PAVEMENT TAPERS AND END GRADING LIMITS ON US 45 /KY 58. MACEDONIA ROAD DIVERSION. REVISED CONTROLLED ACCESS FENCE LT. AND RT. CARDINAL ROAD.

RIGHT OF WAY REVISION NO. 4

REVISED PLANS DATE : NOVEMBER 9, 2012

SHEETS REVISED : R1A, R3, R5, R7, R8, R10, R12, R14, R16, R18, R19, R21, R23, R24, R26, R27, R29, R30, R32, R33, R35, R36, R38, R39, R41, R42, R44, R46, R47, R49, R50, R57, R58, R59, R60, R61.

PARCELS INVOLVED : P#4, P#9, P#22, P#23, P#25, P#27, P#37, P#38, P#39, P#41, P#42

REMARKS : REVISED UTILITY OWNERS INFORMATION ON SHEET R3. REVISED PROPERTY OWNER'S NAMES ON P#4, P#22, P#23, P#37 & P#41. COMBINED P#25 & P#27 (P#27 NOT USED). COMBINED P#38 & P#39 (P#38 NOT USED). ADDED P#42 AS PARTIAL SELL OFF FROM P#22. REVISED PERMANENT DRAINAGE AND TEMPORARY CONSTRUCTION EASEMENTS ON P#9. ADDED EXISTING RIGHT OF WAY LINES ON SHEET R21. REVISED ADJACENT PROPERTY OWNER'S NAMES ON SHEETS R12, R23, R24, R35, R36, R59 & R60. REVISED RIGHT OF WAY SUMMARY SHEETS R57 & R58 AND RIGHT OF WAY STRIP MAP SHEETS R59, R60 & R61 TO REFLECT ALL CHANGES TO THE PARCELS LISTED ABOVE.

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

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Cell Name: sp
11/8/2012

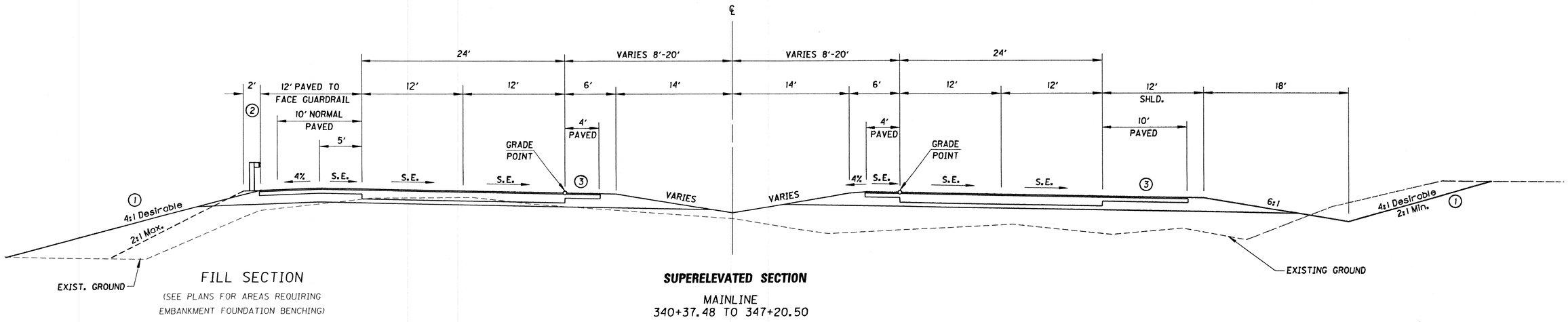
RIGHT OF WAY PLANS

RIGHT OF WAY REVISION SHEET

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R2

TYPICAL SECTIONS

NOT TO SCALE



FILL SECTION

(SEE PLANS FOR AREAS REQUIRING EMBANKMENT FOUNDATION BENCHING)

SUPERELEVATED SECTION

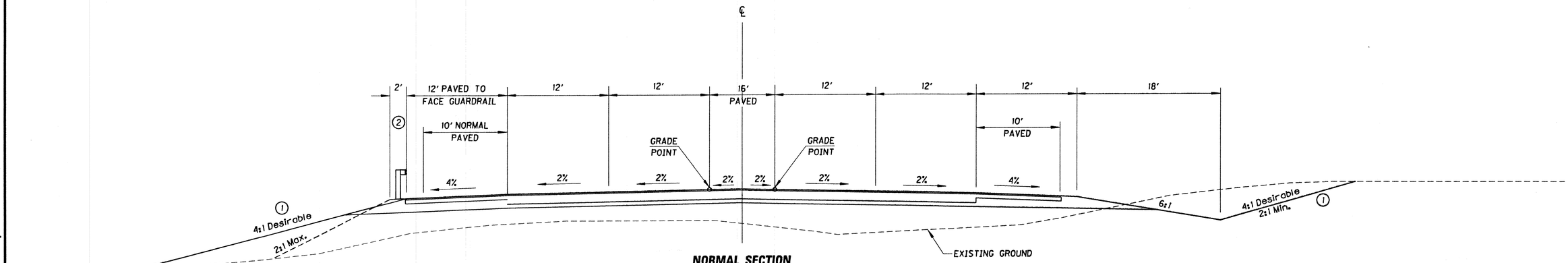
MAINLINE
340+37.48 TO 347+20.50

① SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDERS

② SHOULDER SHALL BE WIDENED 2' WHERE GUARDRAIL IS REQUIRED AND PAVED TO THE FACE OF THE RAIL

③ CONSTRUCT TO STANDARD SUPERELEVATION EXCEPT NOT FLATTER THAN 4%.

RIGHT OF WAY PLANS



FILL SECTION

(SEE PLANS FOR AREAS REQUIRING EMBANKMENT FOUNDATION BENCHING)

NORMAL SECTION

MAINLINE
BEGIN PROJECT TO 340+37.48

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

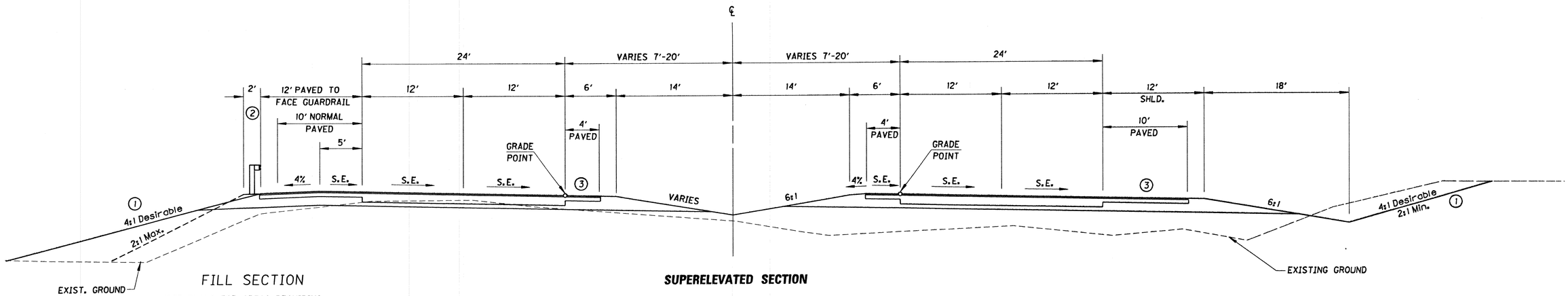
Cell Library: kytc.cel
Cell Name: sp
08-MAY-2002 07:29

MAINLINE TYPICAL SECTIONS

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R2A

TYPICAL SECTIONS

NOT TO SCALE



FILL SECTION

(SEE PLANS FOR AREAS REQUIRING EMBANKMENT FOUNDATION BENCHING)

SUPERELEVATED SECTION

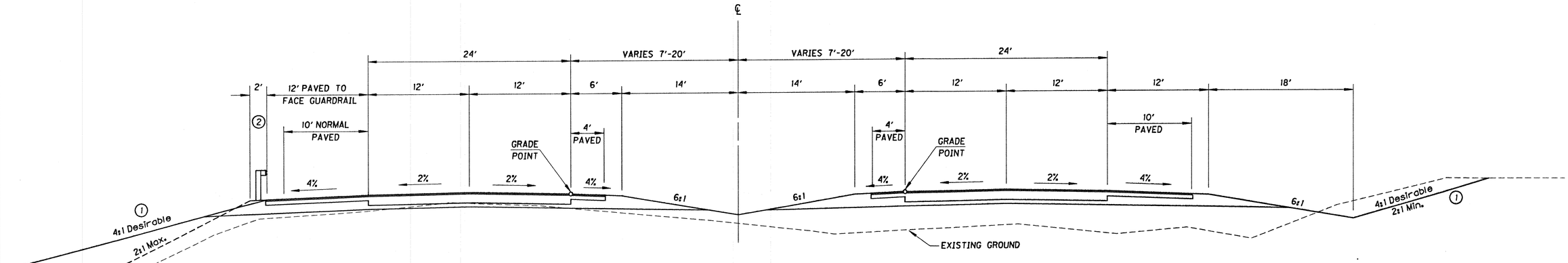
MAINLINE
347+20.50 TO 366+12.20
373+11.51 TO 420+54.38
442+73.17 TO END OF PROJECT

① SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDERS

② SHOULDER SHALL BE WIDENED 2' WHERE GUARDRAIL IS REQUIRED AND PAVED TO THE FACE OF THE RAIL

③ CONSTRUCT TO STANDARD SUPERELEVATION EXCEPT NOT FLATTER THAN 4%.

RIGHT OF WAY PLANS



FILL SECTION

(SEE PLANS FOR AREAS REQUIRING EMBANKMENT FOUNDATION BENCHING)

NORMAL SECTION

MAINLINE
366+12.20 TO 373+11.51
420+54.38 TO 442+73.17

PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____

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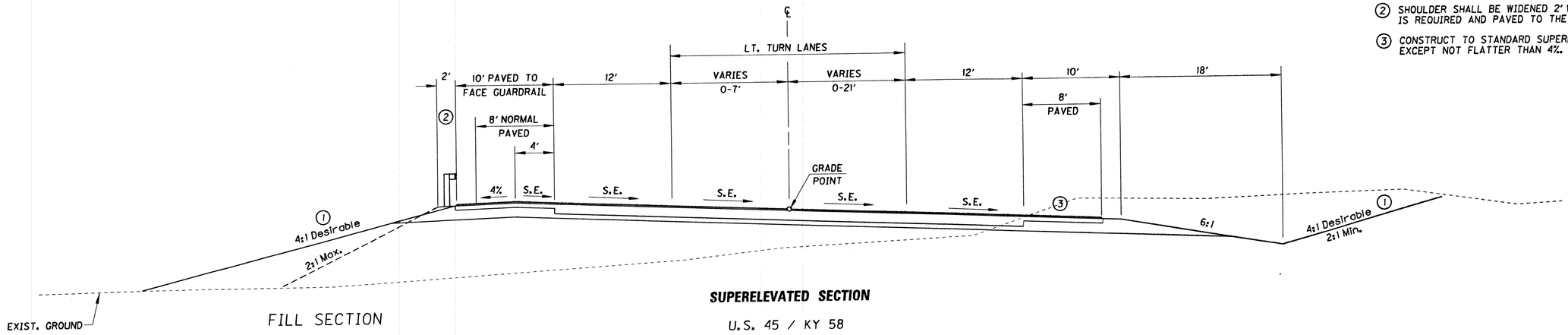
Cell Name: SD
08-MAY-2002 07:29

MAINLINE TYPICAL SECTIONS

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R2B

TYPICAL SECTIONS

NOT TO SCALE



SUPERELEVATED SECTION

U.S. 45 / KY 58

FILL SECTION

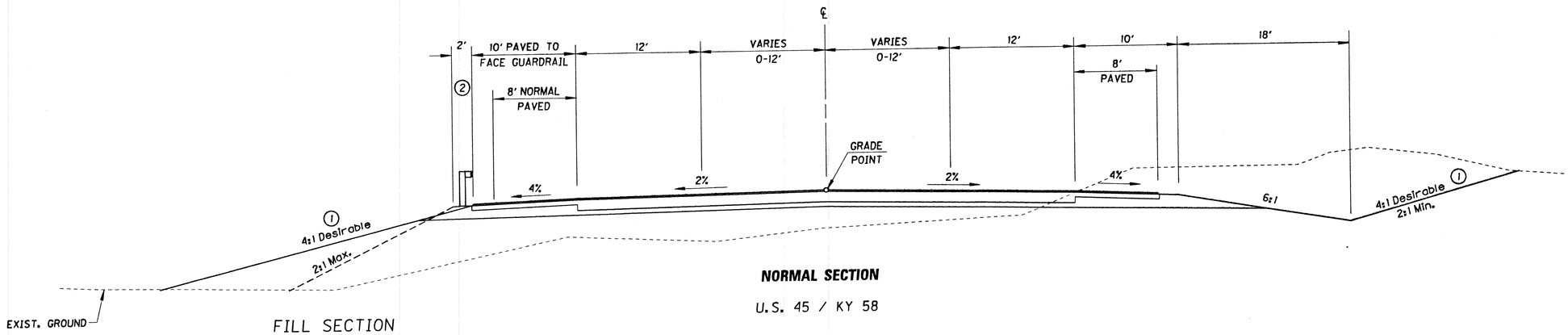
(SEE PLANS FOR AREAS REQUIRING EMBANKMENT FOUNDATION BENCHING)

① SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDERS

② SHOULDER SHALL BE WIDENED 2' WHERE GUARDRAIL IS REQUIRED AND PAVED TO THE FACE OF THE RAIL

③ CONSTRUCT TO STANDARD SUPERELEVATION EXCEPT NOT FLATTER THAN 4%.

RIGHT OF WAY PLANS



NORMAL SECTION

U.S. 45 / KY 58

FILL SECTION

(SEE PLANS FOR AREAS REQUIRING EMBANKMENT FOUNDATION BENCHING)

APPROACH TYPICAL SECTIONS

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

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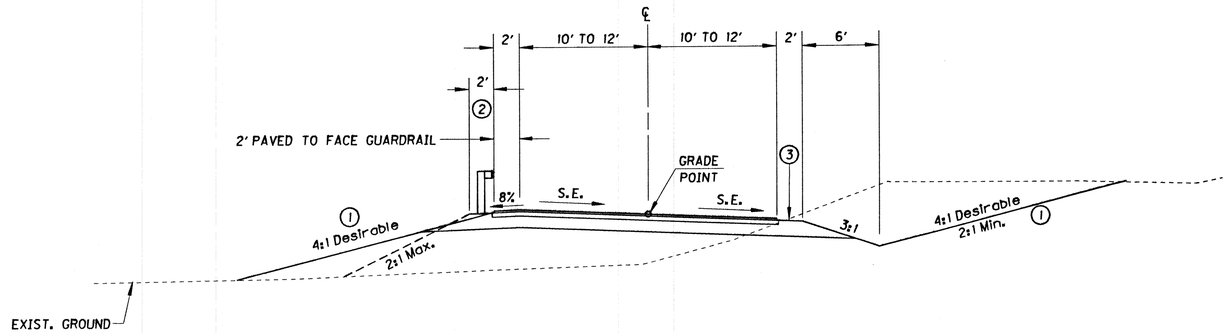
08-MAY-2002 07:28

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R2C

TYPICAL SECTIONS

NOT TO SCALE



FILL SECTION

(SEE PLANS FOR AREAS REQUIRING EMBANKMENT FOUNDATION BENCHING)

SUPERELEVATED SECTION

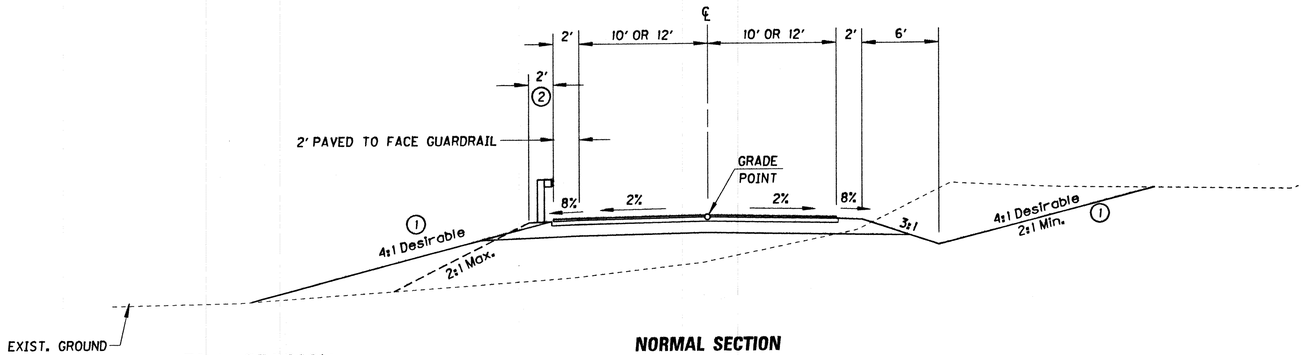
CARDINAL ROAD (20' Rdwy.)
INGERSOLL RAND ACCESS ROAD (24' Rdwy.)

(1) SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDERS

(2) SHOULDER SHALL BE WIDENED 2' WHERE GUARDRAIL IS REQUIRED AND PAVED TO THE FACE OF THE RAIL

(3) CONSTRUCT TO STANDARD SUPERELEVATION EXCEPT NOT FLATTER THAN 8% .

RIGHT OF WAY PLANS



FILL SECTION

(SEE PLANS FOR AREAS REQUIRING EMBANKMENT FOUNDATION BENCHING)

NORMAL SECTION

CARDINAL ROAD (20' Rdwy.)
INGERSOLL RAND ACCESS ROAD (24' Rdwy.)
OLD DUKEDOM ROAD (20' Rdwy.)

APPROACH TYPICAL SECTIONS

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

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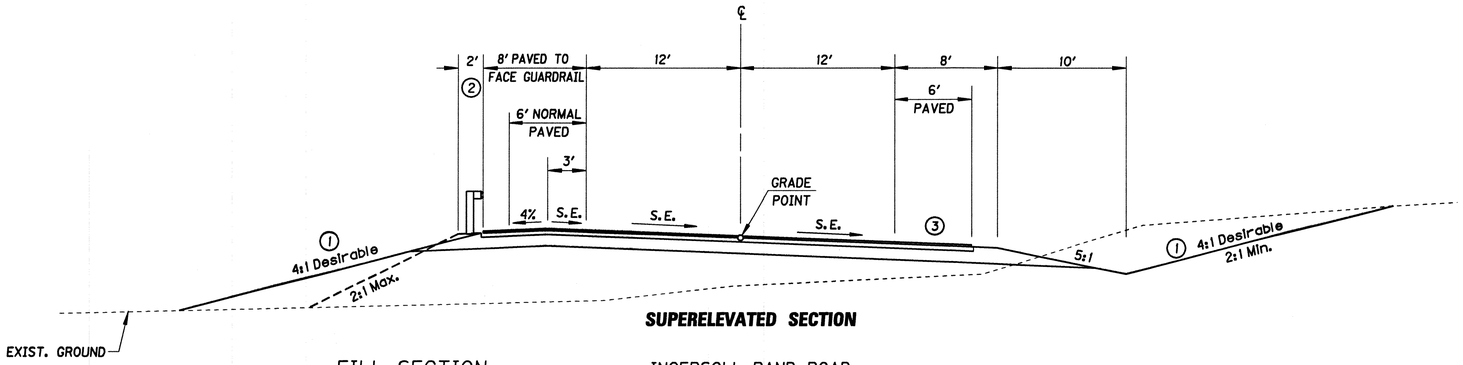
08-MAY-2002 07:28

TYPICAL SECTIONS

NOT TO SCALE

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R2D

REVISED PLAN DATE FEBRUARY 26, 2007

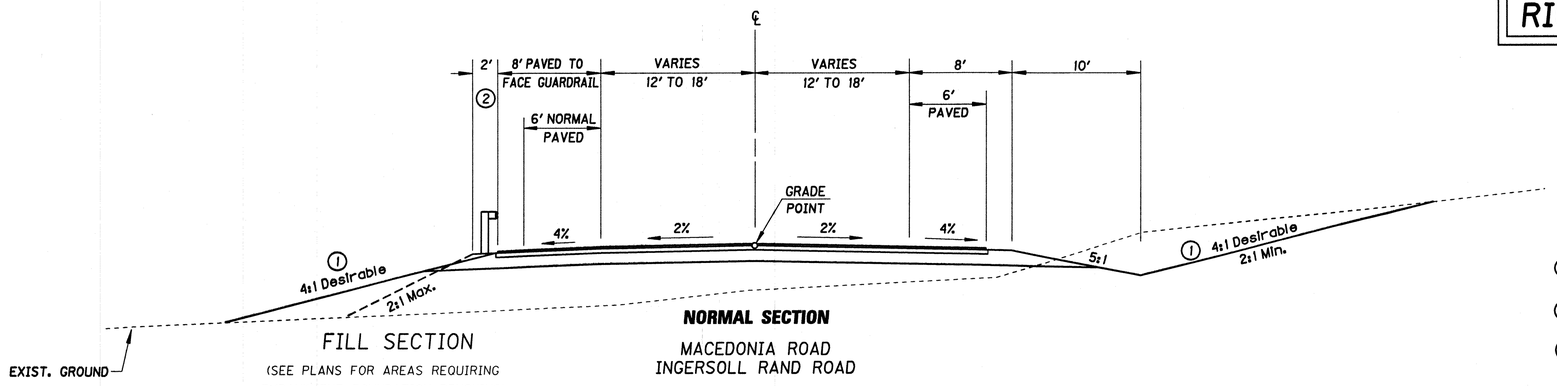


SUPERELEVATED SECTION

FILL SECTION

(SEE PLANS FOR AREAS REQUIRING EMBANKMENT FOUNDATION BENCHING)

INGERSOLL RAND ROAD



NORMAL SECTION

FILL SECTION

(SEE PLANS FOR AREAS REQUIRING EMBANKMENT FOUNDATION BENCHING)

MACEDONIA ROAD
INGERSOLL RAND ROAD

RIGHT OF WAY PLANS

(1) SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDERS

(2) SHOULDER SHALL BE WIDENED 2' WHERE GUARDRAIL IS REQUIRED AND PAVED TO THE FACE OF THE RAIL

(3) CONSTRUCT TO STANDARD SUPERELEVATION EXCEPT NOT FLATTER THAN 4%.

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

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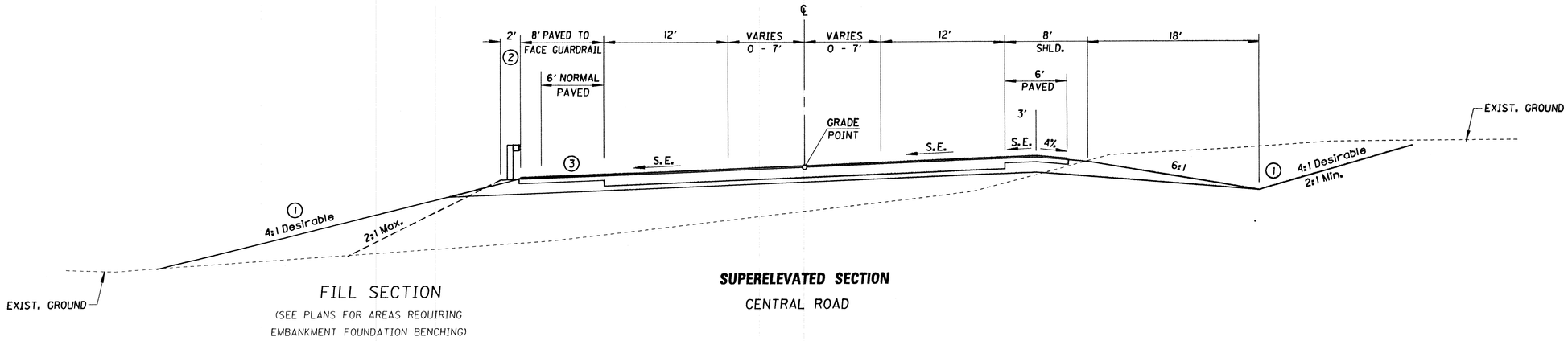
26-FEB-2007 10:13

APPROACH TYPICAL SECTIONS

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R2E

TYPICAL SECTIONS

NOT TO SCALE



FILL SECTION

(SEE PLANS FOR AREAS REQUIRING EMBANKMENT FOUNDATION BENCHING)

SUPERELEVATED SECTION

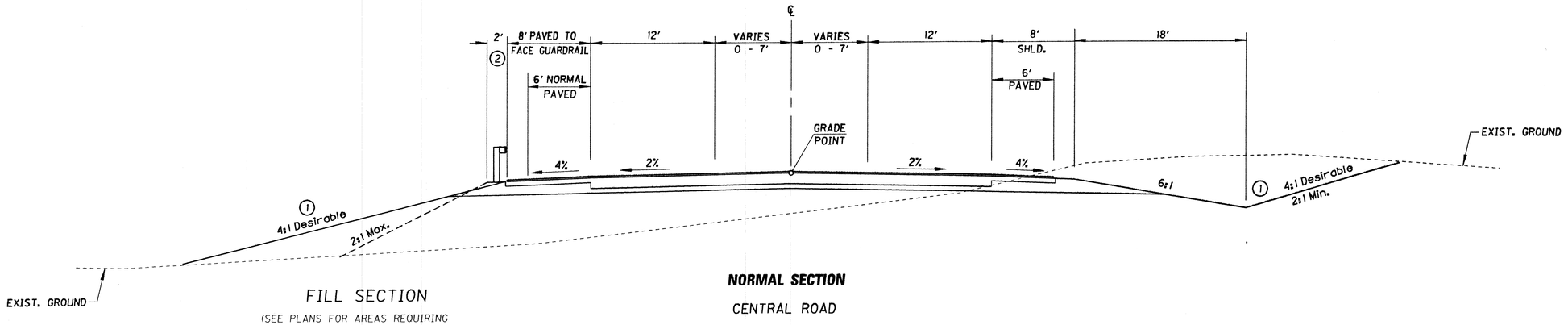
CENTRAL ROAD

① SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDERS

② SHOULDER SHALL BE WIDENED 2' WHERE GUARDRAIL IS REQUIRED AND PAVED TO THE FACE OF THE RAIL

③ CONSTRUCT TO STANDARD SUPERELEVATION EXCEPT NOT FLATTER THAN 4%.

RIGHT OF WAY PLANS



FILL SECTION

(SEE PLANS FOR AREAS REQUIRING EMBANKMENT FOUNDATION BENCHING)

NORMAL SECTION

CENTRAL ROAD

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

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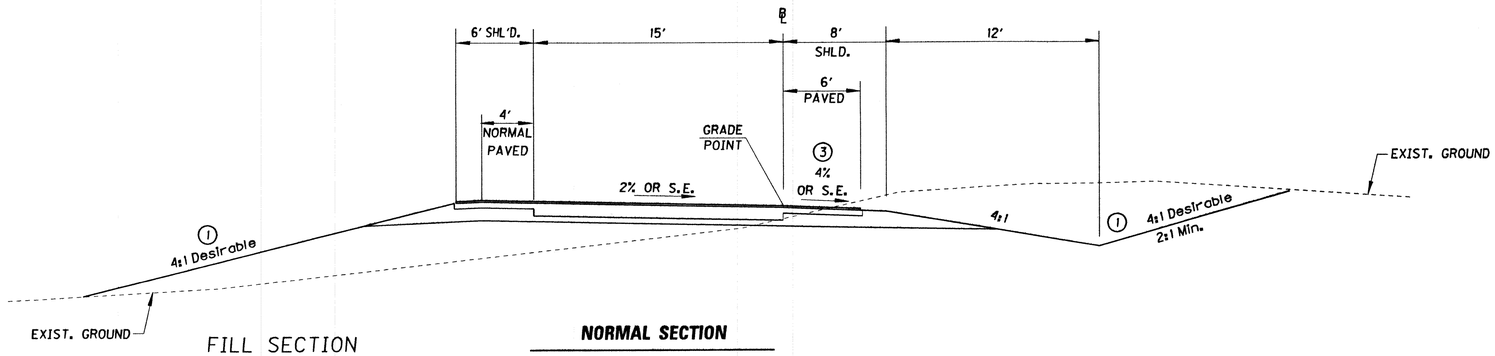
Cell Name: SP
08-MAY-2002 07:27

APPROACH TYPICAL SECTIONS

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R2F

TYPICAL SECTIONS

NOT TO SCALE



FILL SECTION

(SEE PLANS FOR AREAS REQUIRING EMBANKMENT FOUNDATION BENCHING)

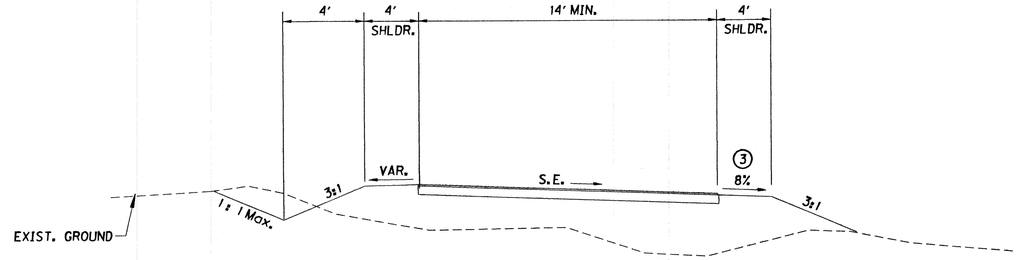
NORMAL SECTION

PURCHASE PARKWAY RAMP

(1) SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDERS

(3) CONSTRUCT TO STANDARD SUPERELEVATION EXCEPT NOT FLATTER THAN 4%.

RIGHT OF WAY PLANS



TEMPORARY RAMP TYPICAL

PURCHASE PARKWAY RAMP

RAMP TYPICAL SECTIONS

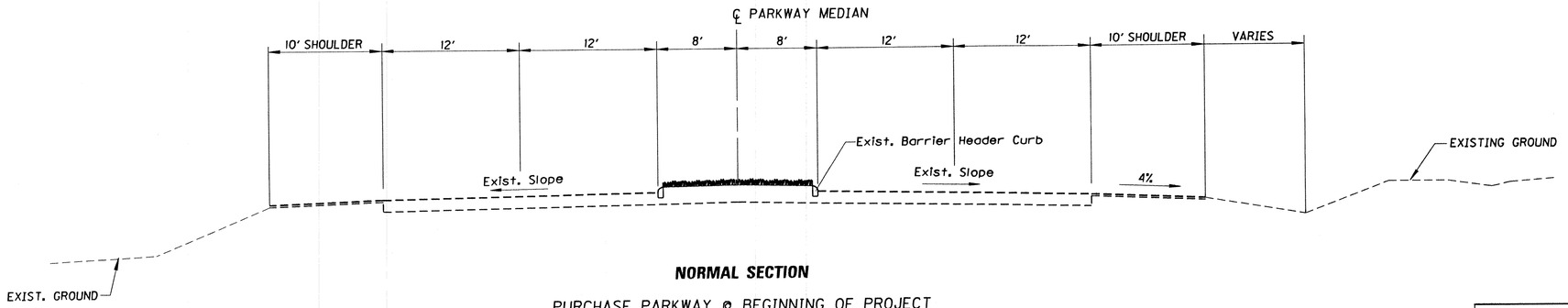
PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Cell Library: kytc.cel
Cell Name: SP
08-MAY-2002 07:26

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R2G

TYPICAL SECTIONS

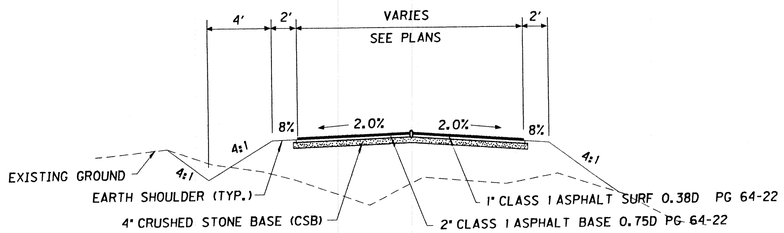
NOT TO SCALE



NORMAL SECTION

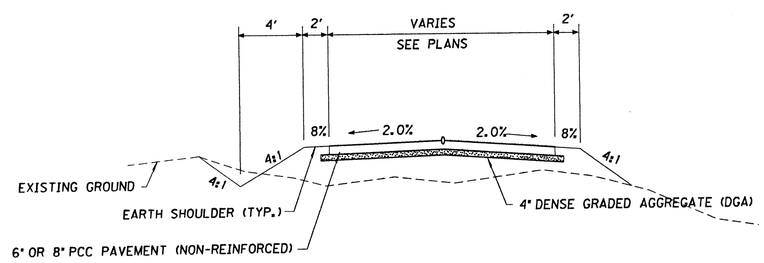
PURCHASE PARKWAY @ BEGINNING OF PROJECT

RIGHT OF WAY PLANS



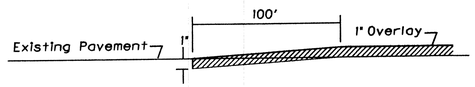
ASPHALT ENTRANCES, TURNAROUNDS, & ACCESS ROADS

1" CLASS I ASPHALT SURFACE 0.38D PG 64-22
2" CLASS I ASPHALT BASE 0.75D PG 64-22
4" CRUSHED STONE BASE (CSB)



CONCRETE ENTRANCE

6" PCC PAVEMENT (NON-REINFORCED) (RESIDENTIAL)
8" PCC PAVEMENT (NON-REINFORCED) (COMMERCIAL)
4" DENSE GRADED AGGREGATE (DGA)



EDGE KEY DETAIL

Work under this item shall include cutting out the existing asphalt surface to a minimum depth and width as shown, so the new surface may heel into the existing surface. The contract unit price bid per linear foot for "EDGE KEY" shall include all necessary materials, labor, equipment, etc. to perform the work and dispose of the asphalt material removed.

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

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Cell Name: sp
08-MAY-2002 07:25

PARKWAY & ENTRANCE TYPICAL SECTIONS

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R3

REVISED PLAN DATE: NOVEMBER 9, 2012

CONVENTIONAL SIGNS

SURVEY LINE
PROPOSED GRADE LINE — 400' V. C.
EXISTING GROUND LINE
COUNTY LINE
CORPORATE LIMITS
PROPERTY LINE — ℄
PROPOSED RIGHT OF WAY
RIGHT OF WAY MARKERS
BENCH MARK — B.M. NO. 4
MUNICIPAL RIGHT OF WAY MARKER
RURAL RIGHT OF WAY MARKER
EXISTING ROAD
RAILROAD
FENCE (CONTROLLED ACCESS)
FENCE (EXCEPT STONE AND HEDGE)
TREES
PIPE CULVERT
BOX CULVERT
BRIDGE
BUILDINGS — 1-S FRAME; 1-S BRICK; SHED; 2-S BRICK
GUARDRAIL — END TREATMENT; GUARD RAIL; TERMINAL SECTION

	EXISTING	PROPOSED
LIGHTING POLE		
POWER POLE		
JOINT POWER & TELEPHONE POLE		
TELEPHONE & TELEGRAPH POLE		
ANCHOR, POWER OR TELEPHONE		
GAS METER	○ GM	
GAS VALVE	○ GV	
GAS REGULATOR	○ GR	
GAS LINE MARKER	○ GLM	
WATER METER	○ WM	
WATER VALVE	○ WV	
WATER LINE MARKER	○ WLM	
FIRE HYDRANT	⊙ FH	
TELEPHONE PEDESTAL	■ TPed	
TELEPHONE JUNCTION BOX	■ TJBox	

WATER MAIN	6" WM	6" WM
GAS MAIN	6" GM	6" GM
SANITARY SEWER (WITH MANHOLE)	SAN	SAN
STORM SEWER (WITH MANHOLE)	STORM	STORM
DIRECT BURIAL TELEPHONE CABLE	T	T
UNDERGROUND FIBER-OPTIC TELEPHONE CABLE	F O T	F O T
OVER-HEAD FIBER-OPTIC TELEPHONE	F O T	F O T
OVER-HEAD TELEPHONE	T	T
OVER-HEAD ELECTRIC	E	E
OVER-HEAD CABLE TV	CATV	CATV
TRAFFIC LIGHTS		
TOWER		

STONE FENCE
HEDGE FENCE
SWAMP OR MARSH
SPRINGS
SINKHOLE

LARGE STREAM — KENTUCKY RIVER
SMALL STREAM
INTERMITTENT STREAM
LAKES OR PONDS

NORTH POINT

PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____

Cell Library: kytc.cel
Cell Name: spl
11/8/2012

UTILITY OWNERS

CABLE

Zito Media
1718 Barlow Rd.
Wickliffe, Ky. 42087
1-814-203-9937
Contact: Scott Everhart

Time Warner
111 Poplar St.
Murray, Ky. 42071
270-759-9891
Contact: Eddie Prior

ELECTRIC

Mayfield Electric & Water Systems
301 E. Broadway
Mayfield, Ky. 42066
270-247-4661
Contact: Jason Weatherly

West Ky. Rural Electric
Cooperative Corp.
1218 W. Broadway
Mayfield, Ky. 42066
270-247-1321
Contact: Tim Vied

GAS

Atmos Energy Corporation
900 Commonwealth Drive
Mayfield, Ky. 42066
Emergency Contact 1-866-322-8667
270-247-3312
Contact: Scott McAlpine

TELEPHONE

AT&T
810 Kentucky Ave.
Paducah, Ky. 42003
270-444-5048
270-210-3563
Contact: Alan Shelby

WATER

Mayfield Electric & Water Systems
301 E. Broadway
Mayfield, Ky. 42066
270-247-4661
Contact: Kevin Leonard

RAILROAD

Paducah & Louisville Railway, Inc.
1500 Kentucky Avenue
Paducah Ky. 42003
270-444-4386
Contact: R.A. Buchanan

SEWER

Mayfield Electric & Water Systems
301 E. Broadway
Mayfield, Ky. 42066
270-247-4661
Contact: Kevin Leonard

ORIGIN OF LEVELS

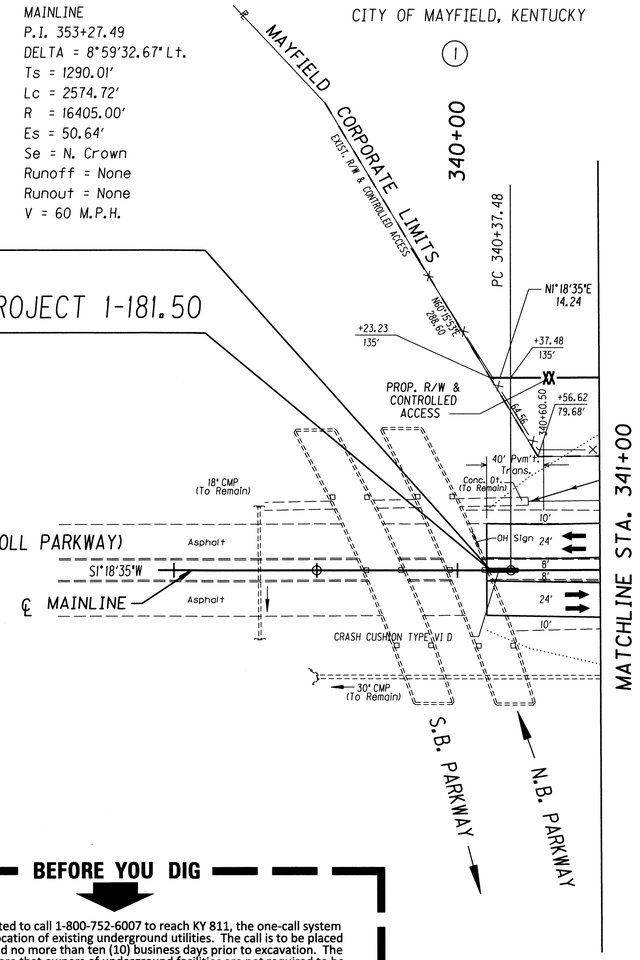
C & GS (NAVD 88) BENCHMARK LOCATED ABOUT 1.0 MILES EAST ALONG STATE HIGHWAY 94 FROM MURRAY, CALLOWAY COUNTY, AT THE TOP OF THE FIRST HILL, ABOUT 150 FEET WEST OF THE FARMHOUSE OF L. LOVETT, 60 FEET NORTHEAST OF A BARN, 15 FEET NORTH OF THE HIGHWAY, AND 10 FEET SOUTH OF A GATE TO THE BARNYARD. A STANDARD DISK, STAMPED V 22 1934 AND SET IN THE TOP OF A CONCRETE POST. ELEV. 519.14

MAINLINE
P.I. 353+27.49
DELTA = 8°59'32.67" Lt.
Ts = 1290.01'
Lc = 2574.72'
R = 16405.00'
Es = 50.64'
Se = N. Crown
Runoff = None
Runout = None
V = 60 M.P.H.

CITY OF MAYFIELD, KENTUCKY

STA. 340+23.23
BEGIN RIGHT OF WAY PROJECT 1-181.50

← TO BENTON (JULIAN M. CARROLL PARKWAY)



= JPC PAVEMENT

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.

RIGHT OF WAY PLANS

KENTUCKY DEPARTMENT OF HIGHWAYS
COUNTY OF
GRAVES
KY 80

PROJECT KY 80 FROM THE US 45 BY-PASS TO 0.203 MILES WEST OF KY 303 (CUBA ROAD)

NUMBERS FD04 042 0080 011-019, MARS #516241ID

PLAN SHEET
BEGIN PROJECT TO STA. 341+00
SCALE 1" = 50'

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R4

DATUM

540
535
530
525
520
515
510
505
500
495
490
485
480
475
470
465

STA. 340+23.23
BEGIN RIGHT OF WAY PROJECT 1-181.50

S.B. Parkway

N.B. Parkway

PVI 340+20.50
Elev 504.73

GRADE LINE

2.49%

EXIST. 18" CMP

EXIST. US 45 BY-PASS GRADE

RIGHT OF WAY PLANS

SHEET TOTALS
BEG. PROJ. TO STA. 341+00

COMMON	0 Cu. Yd.
SURF. DITCH	0 Cu. Yd.
FOUND. BNCH.	0 Cu. Yd.
TOTAL EXCAVATION	0 Cu. Yd.
FOUND. BNCH.	0 Cu. Yd.
EMBANKMENT	0 Cu. Yd.
TOTAL EMBANKMENT	0 Cu. Yd.

499.2		500.5		501.7		503.0		504.3	504.21	506.7	505.46	508.0	506.70								
338+00				339+00				340+00				341+00									

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____

Cell Library: kyproj.cel
Cell Name: sdf
08-MAY-2002 07:15

KENTUCKY
DEPARTMENT OF HIGHWAYS
COUNTY OF
GRAVES

PROJECT KY 80 FROM THE US 45 BY-PASS TO 0.845 MILES WEST OF KY 303 (CUBA ROAD)

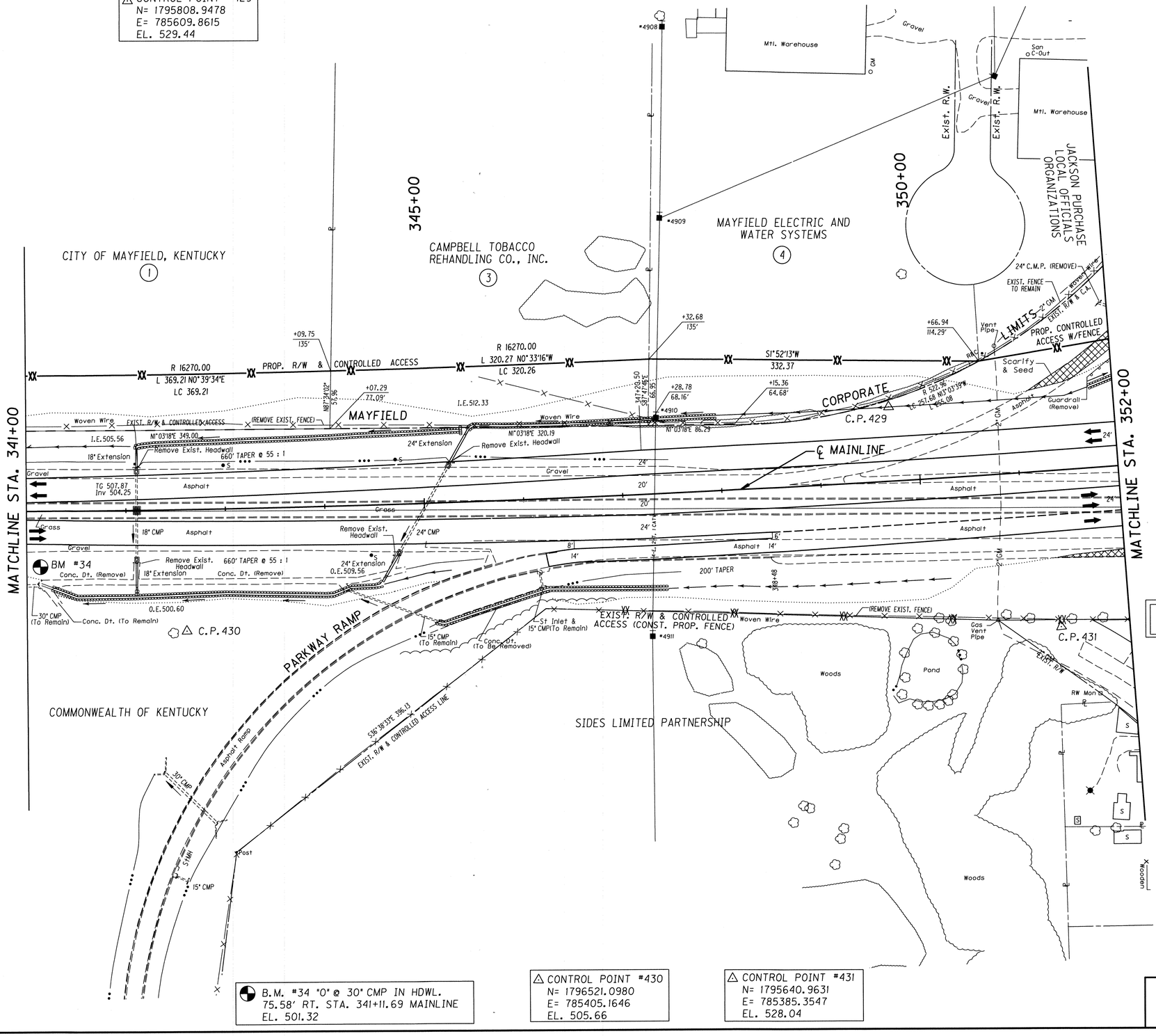
NUMBERS FD04 042 0080 011-019, MARS #5162411D

PROFILE BEGIN PROJECT TO STA. 341+00
SCALE: 1" = 5' VERT.
1" = 50' HORIZ.

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R5

REVISED PLAN DATE: NOVEMBER 9, 2012

△ CONTROL POINT #429
N= 1795808.9478
E= 785609.8615
EL. 529.44



RIGHT OF WAY PLANS

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Cell Library: kytc.cel
Cell Name: sp
11/8/2012

B.M. #34 "O" @ 30" CMP IN HDWL.
75.58' RT. STA. 341+11.69 MAINLINE
EL. 501.32

△ CONTROL POINT #430
N= 1796521.0980
E= 785405.1646
EL. 505.66

△ CONTROL POINT #431
N= 1795640.9631
E= 785385.3547
EL. 528.04

PLAN SHEET STA. 341+00 TO STA. 352+00
SCALE: 1" = 50'

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R6

342+11 Const.
Lt. 116' of 18" Culvert Pipe (Ext.)
(CMP) 16 Ga@ (No Alternate)
Rt. 28' of 18" Culvert Pipe (Ext.)
(CMP) 16 Ga@ (No Alternate)
@ 0° Skew
1- D.B.I. Type 3Ba Ht.=3.62'
1- 18" Metal End Section Type 3
1- 18" Metal End Section Type 4
Remove 12" Exist. Pipe.

345+03 Const.
Lt. 32' of 24" Culvert Pipe (Ext.)
(CMP) 16 Ga@ (No Alternate)
Rt. 24' of 24" Culvert Pipe (Ext.)
(CMP) 16 Ga@ (No Alternate)
@ 31°39' Skew Rt.
2- 24" Metal End Sections Type 4
Remove 8" Exist. Pipe.

FLOW LINE
4-6L 2 1/2" -GATIV
ELL. 546.68
E= 552'

PVI 349+20
Elev 527.13

L= 100.00'
SD= 707'

-0.34%

GRADE LINE

EXIST. US45 GRADE

GROUND LINE

2.49%

T.C. 507.87
IN. 504.25

EXIST. 8" CMP

EXIST. 24" CMP

EXIST. 2" GAS

2' F.B. Surf. Dt. Rt.

2' F.B. Spcl. Dt. Lt.

2' F.B. Spcl. Dt. Rt.

PVC 343+70
Elev 513.43

341+15	342+15	342+60	343+00	344+00	344+60	345+00	346+00	347+00	347+42	348+00	349+00	350+00	351+00	352+00
497.14	505.98	506.96	508.20	509.45	509.56	510.58	511.86	512.96	514.00	514.97	515.88	516.72	517.49	518.20	516.30	516.96	514.90	513.50	512.25	518.38	519.89	518.5
	505.60				509.20																	
				506.00																		

FLOOD EVALUATION DATA

RETURN INTERVAL (YRS.)	Q (CFS)	HW ELEV. (FT.)
25	3.8	507.16
100	4.7	507.32

FLOOD EVALUATION DATA

RETURN INTERVAL (YRS.)	Q (CFS)	HW ELEV. (FT.)
25	5.9	514.16
100	7.3	514.33

508.0	509.1	510.5	511.7	512.8	514.0	515.2	516.2	517.2	518.0	518.2	518.9	519.5	520.0	520.5	520.9	521.3	521.5	521.6	521.5	521.0	520.4	519.2
506.70	507.95	509.19	510.44	511.69	512.93	514.16	515.34	516.44	517.48	518.45	519.36	520.20	520.97	521.68	522.32	522.89	523.40	523.84	524.21	524.52	524.76	524.93

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Cell Library: Kyfc.cel
Cell Name: spf
08-MAY-2002 10:16

RIGHT OF WAY PLANS

SHEET TOTALS
STA. 341+00 TO STA. 352+00

COMMON	0 Cu. Yd.
SURF. DITCH	0 Cu. Yd.
FOUND. BNCH.	0 Cu. Yd.
TOTAL EXCAVATION	0 Cu. Yd.
FOUND. BNCH.	0 Cu. Yd.
EMBANKMENT	0 Cu. Yd.
TOTAL EMBANKMENT	0 Cu. Yd.

PROFILE STA. 341+00 TO STA. 352+00
SCALE: 1" = 5' VERT.
1" = 50' HORIZ.

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R7

REVISED PLAN DATE: NOVEMBER 9, 2012

RIGHT OF WAY PLANS

FOR PROFILE OF US45/KY58, SEE SHEETS R25, R28, R31, & R34.

SEE SHEET R8 FOR RIGHT OF WAY INFORMATION.

△ CONTROL POINT #424
N= 1795071.2990
E= 786003.6249
EL. 511.55

△ CONTROL POINT #428
N= 1795317.6185
E= 785766.5909
EL. 531.46

MATCHLINE STA. 352+00

MATCHLINE STA. 367+00

℄ MAINLINE

MAYFIELD CORPORATE LIMITS

PADUCAH AND LOUISVILLE RAILROAD

TRUSTEES of THE HOUSE of PRAYER

GARY S. LEE
TENA F. (Wf.)

THOMAS W. PAYNE
JAMES P. PAYNE, JR.

WALLACE MOHLER
LINDA (Wf.)

HARDY P. WIMAN
DOROTHY (Wf.)

JOE W. ADAMS

U.S. ROUTE 45 BYPASS

CARDINAL RD

MOHLER LANE

Begin Controlled Access

End Controlled Access

PROP. CONTROLLED ACCESS W/FENCE

PROP. R/W & CONTROLLED ACCESS W/FENCE

EXIST. R/W & CONTROLLED ACCESS (CONST. PROP. FENCE)

PROP. C.A. & FENCE

PROP. R/W & CONTROLLED ACCESS

STA. 359+75 MAINLINE =
STA. 30+00 US 45 / KY 58

STA. 26+20 US 45 / KY 58 =
STA. 10+00 CARDINAL ROAD

423' LT. STA. 354+00 REMOVE 160 L.F. OF EXISTING GUARDRAIL

LT. STA. 352+00 TO LT. STA. 356+45 REMOVE 1385 L.F. OF EXISTING GUARDRAIL

295' RT. STA. 365+48 CONST. 37.50 L.F. OF STEEL "W" BEAM GUARDRAIL (SINGLE FACE) AND 2 TERMINAL END SECTS. NO. 1

246' RT. STA. 366+00 CONST. 25 L.F. OF STEEL "W" BEAM GUARDRAIL (SINGLE FACE) AND 2 TERMINAL END SECTS. NO. 1

MAINLINE
P.I. 353+27.49
DELTA = 8°59'32.67" Lt.
Ts = 1290.01'
Lc = 2574.72'
R = 16405.00'
Es = 50.64'
Se = N. Crown
Runoff = None
Runout = None
V = 60 M.P.H.

P.C. 351+09.26
P.I. 353+27.49
P.T. 366+12.20

C.P. #428
C.P. #423
C.P. #432

BM #35 RR SPIKE ⊙ UP #8747
331.16' RT. STA. 353+27.70 MAINLINE
EL. 526.32

△ CONTROL POINT #432
N= 1795238.7325
E= 785072.1162
EL. 522.86

△ GPS MON BLA #98
N= 1794805.2750
E= 785197.9580
EL. 530.49

△ CONTROL POINT #423
N= 1794518.2525
E= 785565.7338
EL. 523.83

FOR PROFILE OF CARDINAL ROAD, SEE SHEET R37.

PLAN SHEET STA. 352+00 TO STA. 367+00
SCALE: 1"=50'

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Cell Library: kytc.cel
Cell Name: sp
11/8/2012

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R8

REVISED PLAN DATE: NOVEMBER 9, 2012

RIGHT OF WAY PLANS

MAYFIELD CORPORATE LIMITS
EXIST. R/W & C.A.
R 522.96
LC 476.33 N64°18'18"W
L 486.23

TRUSTEES of THE HOUSE of PRAYER
(9)

PROP. R/W
Perm. Esm't.
Temp. Esm't.
N62°01'41"E 135.64
N62°01'41"E 191.84
112.56
R
M/B 7.5%

Perm. Drainage Esm't. S41°14'10"E 173.85
N67°51'40"E 101.55
EXIST. R/W & C.A.

+32.73 121.86'
+31.66 132.09'
+78.26 127.53'
+71.26 45.61'
+71.11 108.03'
+70.23 234.69'
+19.90 75.77'
+16.68 51'
+99.16 12.26'
+08.94 100.35'
+84.80 140'
+48.03 140'
+60.55 140'
+10.33 140'
+12.20 140'
+18.32 161'
+24.68 160.23'
+44.89 160'
+42.25 124.04'
+37.15 9.75'
+38.44 112.82'

35+00
355+00
360+00
365+00

55°18'54"E 93.06
N88°17'46"E 134.04
N88°17'46"E 137.91
N37°03'23"E 81.68
S58°17'46"W 150.45
N45°57'01"E 108.30
S3°58'27"E 105.32
20.02
45.92
R
108.03' Lt. Sta. 33+71.11
US 45 / KY 58
End Controlled Access

PROP. CONTROLLED ACCESS W/FENCE
S8°07'50"E 548.89

PROP. R/W CONTROLLED ACCESS W/FENCE

GARY S. LEE
TENA F. (Wf.)
(10)

MAYFIELD CORP. LIMITS
EXIST. R/W & C.A.
N47°15'37"E 764.46
S47°15'54"W 1085.02
PROP. C.A. & ACCESS
EXIST. R.R. R/W
60°33'E MEASURED

78.31' Rt. Sta. 32+81.45
US 45 / KY 58
Begin Controlled Access

STA. 359+75 MAINLINE =
STA. 30+00 US 45 / KY 58

THOMAS W. PAYNE
JAMES P. PAYNE, JR.
(22)

PC 31+09.26
R 16265.00
LC 124.45 S6°03'35"E
L 124.45
Perm. Esm't.
(11)

R 16265.00
L 398.44 S6°58'52"E
LC 398.43
R 16265.00
L 37.38 S6°20'50"E
LC 37.38

PT 366+12.20
PROP. R/W & CONTROLLED ACCESS
S7°40'58"E 587.80

MATCHLINE STA. 352+00

PI 353+27.49

S7°40'58"E

51°06'30"W 365.00
105°01'22" T/Curve

PT 29+36.94

WALLACE MOHLER
LINDA (Wf.)
(13)

EXIST. R/W
EXIST. R/W & CONTROLLED ACCESS (CONST. PROP. FENCE)

WALLACE MOHLER
LINDA (Wf.)

55' LT. STA. 8+34.66 Cardinal Rd
End Controlled Access

+57.38 189.24'
PROP. R/W & CONTROLLED ACCESS W/FENCE
S8°32'34"W 69.03'
+30.56 81.57'
PROP. C.A. & FENCE
N69°32'34"E
90° T/C
S38°36'59"E
PI 26+06.51

HARDY P. WIMAN
DOROTHY (Wf.)
(15)

+50 20'
+00 40'
+55.67 56'
S17°36'54"E 53.85
S1°40'58"E 156.49
PROP. R/W
S24°53'04"E 65.21
S2°54'15"W 65.89
EXIST. R/W
40' R/W
33.54
+94.10 20'
S4°11'08"W 269.51

JOE W. ADAMS
(15)

R 800.20
L 233.33 N89°18'49"E
L.233.33

5+00

MATCHLINE STA. 367+00

S47°14'41"W 334.29
N47°14'41"E 384.13
+07.50 130'
R 16535.00
LC 67.22 S7°05'02"E
L 67.22
+74.19 130'
+91.40 130'
R 16535.00
L 206.12 S7°19'29"E
LC 206.12
PROP. R/W & CONTROLLED ACCESS
+12.00 130'
N28°56'37"W 102.76
Perm. Esm't. 38.91
N42°26'57"W 54.10
Temp. Esm't.
+13.18 168.73'
+35.81 169.70'
+30.03 161.58'
EXIST. R.R. R/W
PROP. C.A. & ACCESS

266.32' RT. STA. 24+63.44
US 45 / KY 58
Begin Controlled Access

THOMAS W. PAYNE
JAMES P. PAYNE, JR.
(22)

+73.10 231.82'
+54.40 264.53'
S6°23'11"E 37.82
S1°26'54"W 59.39
PROP. R/W
S65°45'27"E 39.14
90.01
+31.19 241.20'
+42.34 278.71'
N1°26'54"E
EXIST. R/W

PADUCAH & LOUISVILLE RAILROAD
(11)

EXIST. R/W

PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____

Cell Library: kytc.cel
Cell Name: sp
11/8/2012

RIGHT OF WAY SHEET
STA. 352+00 TO STA. 367+00
SCALE: 1" = 50'

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R9

FLOOD EVALUATION DATA		
RETURN INTERVAL (YRS.)	Q (CFS)	Hg ELEV. (FT.)
10	2.5	521.49
25	2.9	521.52

FLOOD EVALUATION DATA		
RETURN INTERVAL (YRS.)	Q (CFS)	Hw ELEV. (FT.)
25	65.0	513.17
100	81.3	513.77

FLOOD EVALUATION DATA		
RETURN INTERVAL (YRS.)	Q (CFS)	Hg ELEV. (FT.)
10	1.8	521.32
25	2.1	521.34

RIGHT OF WAY PLANS

SHEET TOTALS
STA. 352+00 TO STA. 367+00

COMMON	0 Cu. Yd.
SURF DITCH	0 Cu. Yd.
FOUND. BNCH.	0 Cu. Yd.
TOTAL EXCAVATION	0 Cu. Yd.
FOUND. BNCH.	0 Cu. Yd.
EMBANKMENT	0 Cu. Yd.
TOTAL EMBANKMENT	0 Cu. Yd.

519.2	517.5	516.4	515.3	514.7	514.3	513.9	514.9	530.1	536.9	522.0	509.2	509.1	509.8	513.4	514.5	516.2	518.0	516.7	519.1	523.5	521.3	525.8	526.3	525.2	522.8	518.6	516.5	516.3	515.8
524.93	525.04	525.08	525.06	524.96	524.81	524.59	524.37	524.16	523.94	523.72	523.50	523.28	523.06	522.85	522.63	522.44	522.28	522.15	522.04	521.96	521.91	521.85	521.70	521.46	521.11	520.67	520.12	519.48	518.74

515.2 / 517.90

352+00 353+00 354+00 355+00 356+00 357+00 358+00 359+00 360+00 361+00 362+00 363+00 364+00 365+00 366+00 367+00

PROFILE STA. 352+00 TO STA. 367+00
SCALE: 1" = 5' VERT.
1" = 50' HORIZ.

PREPARED BY ______ DATE ______
CHECKED BY ______ DATE ______
APPROVED BY ______

Cell Library: kytc.cel
Cell Name: spf
08-MAY-2002 10:28

COUNTY OF GRAVES
ITEM NO. 1-181.50
SHEET NO. R10
REVISED PLAN DATE: NOVEMBER 9, 2012
B.M. #38 RR SPIKE @ USTVA P.P. #33
502.99' RT. STA. 366+74.76 MAINLINE
EL. 526.67
CONTROL POINT #400
N= 1794063.4830
E= 785182.1690
EL. 523.50
CONTROL POINT #401
N= 1793715.7682
E= 785321.3165
EL. 512.81
MAINLINE
P.I. 401+40.09
Delta = 79°45'46.21" Lt.
Ts = 2828.58'
Ls = 185.00
Lc = 4372.88'
Os = 1°37'08"
L.T. = 123.34'
S.T. = 61.67'
R = 3274.04'
Es = 993.08'
Se = 4.8%
Runoff = 185'
Runout = 77'
V = 60 M.P.H
LT. 371+75 MAINLINE CONST. 16' ENTRANCE W/50 TONS OF CRUSHED STONE BASE 12 TONS OF CLASS I ASPHALT BASE AND 24 TONS OF CLASS I ASPHALT SURFACE AND 56' OF 30" ENTRANCE PIPE W/2 30" METAL END SECTIONS TYPE 1.
STA. 371+75 MAINLINE =
STA. 10+00 INGERSOLL RAND RD.
End Controlled Access
Begin Controlled Access
BRANCH OF KESS CREEK
THOMAS W. PAYNE
JAMES P. PAYNE, JR.
22
MATCHLINE STA. 367+00
MATCHLINE STA. 382+00
370+00
375+00
380+00
15+00
CL MAINLINE
PROP. R/W & CONTROLLED ACCESS
12'x8' Box Culvert
INGERSOLL RAND ACCESS RD.
P.I. 10+99.60
DELTA = 50°09'29.35" Rt.
Ts = 46.80'
Lc = 87.54'
R = 100.00'
Es = 10.41'
Se = N. Crown
STA. 12+00 CONST. 24 L.F. OF EDGE KEY
STA. 13+50 INGERSOLL RAND ROAD =
STA. 10+00 INGERSOLL RAND ACCESS RD.
INGERSOLL RAND ROAD
P.I. 13+94.46
DELTA = 80°46'52.48" Lt.
Ts = 280.76'
Lc = 465.27'
R = 330.00'
Es = 103.27'
Se = 4.9%
Runoff (In) = See Profile
Runoff (Out) = 90'
Runout (Out) = 37'
V = 20 M.P.H.
INGERSOLL RAND RD
WEST KENTUCKY RURAL ELECTRIC COOPERATIVE CORPORATION
20
JAMES P. PAYNE, JR. LIVING TRUST
42
C.P. 400
B.M. #38
C.P. 401
C.P. 402
STA. 12+00
FOR PROFILE OF INGERSOLL RAND ROAD AND INGERSOLL RAND ACCESS ROAD, SEE SHEET R45.
CONTROL POINT #402
N= 1792614.3890
E= 785866.1770
EL. 519.36
RIGHT OF WAY PLANS
PLAN SHEET STA. 367+00 TO STA. 382+00
SCALE: 1" = 50'
PREPARED BY DATE
CHECKED BY DATE
APPROVED BY DATE
Cell Library: kytc.cel
Cell Name: sp
11/8/2012

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R11

FLOOD EVALUATION DATA

RETURN INTERVAL (YRS.)	Q (CFS)	Hw ELEV. (FT.)
25	7.4	504.53
100	9.2	504.74

FLOOD EVALUATION DATA

RETURN INTERVAL (YRS.)	Q (CFS)	Hg ELEV. (FT.)
10	4.9	506.53
25	5.8	506.58

FLOOD EVALUATION DATA

RETURN INTERVAL (YRS.)	Q (CFS)	Hw ELEV. (FT.)
25	768.0	490.85
100	1002.0	492.51

FLOOD EVALUATION DATA

RETURN INTERVAL (YRS.)	Q (CFS)	Hg ELEV. (FT.)
10	5.8	500.63
25	7.5	500.68

RIGHT OF WAY PLANS

SHEET TOTALS
STA. 367+00 TO STA. 382+00

COMMON	0 Cu. Yd.
SURF DITCH	0 Cu. Yd.
FOUND. BNCH.	0 Cu. Yd.
TOTAL EXCAVATION	0 Cu. Yd.
FOUND. BNCH.	0 Cu. Yd.
EMBANKMENT	0 Cu. Yd.
TOTAL EMBANKMENT	0 Cu. Yd.

PROFILE STA. 367+00 TO STA. 382+00
SCALE: 1" = 5' VERT.
1" = 50' HORIZ.

PREPARED BY ______ DATE ______
CHECKED BY ______ DATE ______
APPROVED BY ______

Cell Library: kytc.cel
Cell Name: spf
08-MAY-2002 10:41

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R12

REVISED PLAN DATE: NOVEMBER 9, 2012

MAINLINE
P.I. 401+40.09
Delta = 79°45'46.21" Lt.
Ts = 2828.58'
Ls = 185.00
Lc = 4372.88'
Os = 1°37'08"
L.T. = 123.34'
S.T. = 61.67'
R = 3274.04'
Es = 993.08'
Se = 4.8%
Runoff = 185'
Runout = 77'
V = 60 M.P.H

LT. 383+75 MAINLINE
CONST. 16' ENTRANCE W/46
TONS OF CRUSHED STONE BASE 11 TONS
OF CLASS I ASPHALT BASE AND 22 TONS
OF CLASS I ASPHALT SURFACE.

LT. 395+75 MAINLINE
CONST. 16' ENTRANCE W/59 TONS
OF CRUSHED STONE BASE 14 TONS
OF CLASS I ASPHALT BASE AND 28 TONS
OF CLASS I ASPHALT SURFACE. AND 44' OF
24" ENTRANCE PIPE W/2 24" METAL
END SECTIONS TYPE 1.

JAMES P. PAYNE, JR.
LIVING TRUST
(42)

Woods

385+00

390+00

395+00

End Controlled Access

Begin Controlled Access

Temp. Esm't.

Woven Wire

+50 160'
+50 135'
+00 160'
+00 135'
+00 135'
+99.50 199.50'
+74 166'
+67.99 194.28'
+87.56 157.34'
+00 145'
+25 185'
+25 145'

R 3139.04
L 325.84 S23°53'21"E
LC 325.69

S38°57'39"E
168.85

S26°18'57"E
216.24

PROP. R/W & CONTROLLED ACCESS

R 3129.04
L 2831.87 S59°50'41"E
LC 2741.61

MATCHLINE STA. 382+00

MATCHLINE STA. 397+00

16'

24'

12'

Shed

Existing Water Well
(To Be Plugged)

R 14'
(TYP.)

350' STORAGE

+50

+00

TG 505.74
Inv 502.49

TG 515.31
Inv 512.06

O.E. 500.58

O.E. 484.80

O.E. 504.00

O.E. 511.85

18"

BEG. TAPER
+46.00

6" Perf. Pipe

180' 15:1 TAPER

℄ MAINLINE

Septic Tank

Woven Wire

10'x8'
Box Culvert

I.E. 486.20

R 3419.04
L 362.08 N22°04'44"W
LC 361.91

N12°34'24"W
107.75

R 3444.04
L 420.77 N30°21'46"W
LC 420.50

N48°09'07"W
107.75

BEG. TAPER
+7.89

R 3419.04
L 2996.46 N60°43'11"W
LC 2901.48

+50 145'
+50 165'
+00 145'
+00 165'
+00 170'
+48.00 205'
+15.33 205'
+50 170'
+00 145'

Temp. Esm't.

End Controlled Access

Begin Controlled Access

145' RT. STA. 382+00 TO 145' LT. STA. 397+00
CONST. 1431' OF R/W FENCE-WOVEN WIRE TYPE 1

S7°40'58"E

RT. 383+75 MAINLINE
CONST. 16' ENTRANCE W/48
TONS OF CRUSHED STONE BASE 12 TONS
OF CLASS I ASPHALT BASE AND 23 TONS
OF CLASS I ASPHALT SURFACE.

RT. 395+75 MAINLINE
CONST. 16' ENTRANCE W/48 TONS
OF CRUSHED STONE BASE 11 TONS
OF CLASS I ASPHALT BASE AND 23 TONS
OF CLASS I ASPHALT SURFACE AND 44' OF
15" ENTRANCE PIPE W/2 15" METAL
END SECTIONS TYPE 1.

JAMES P. PAYNE, JR.
LIVING TRUST
(42)

WILLIAM L. HARP, JR., ETAL

C.P. 404

C.P. 405

BM #41

B.M. #40 RR SPIKE @ 30" OAK
562.54' RT. STA. 387+57.38 MAINLINE
EL. 495.67

B.M. #41 RR SPIKE @ 12" HICKORY
445.40' RT. STA. 395+79.12 MAINLINE
EL. 517.50

△ CONTROL POINT #403	△ CONTROL POINT #404	△ CONTROL POINT #405
N= 1791960.4470	N= 1791374.0327	N= 1791168.1249
E= 785480.4330	E= 786308.9068	E= 786427.5042
EL. 517.60	EL. 505.70	EL. 417.08

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Cell Library: kytc.cel
Cell Name: sp
11/8/2012

RIGHT OF WAY PLANS

PLAN SHEET STA. 382+00 TO STA. 397+00
SCALE: 1" = 50'

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R13

384+25 Const.
Lt. 76' of 18" Culvert Pipe
9 Ft. ± D.B.I. Type 5B, Ht.= 3.25'
1- 18" Metal End Section Type 3

386+35 Const.
245' of 10'x8' Box Culvert
@ 25° Skew Rt.
2- 10'x8' Box Culvert Wingwalls

389+50 Const.
Lt. 71' of 18" Culvert Pipe
1- D.B.I. Type 5B, Ht.= 3.25'
1- 18" Metal End Section Type 3

390+44 Const. 120' of 6" Perforated Pipe
and 12' of 6" Non-Perforated Pipe & 1 Perforated
Pipe Headwall Type 4 to Inch

384+25 Const.
Lt. 73' of 18" Culvert Pipe
0° Skew
9 Ft. ± D.B.I. Type 5B, Ht.= 3.25'
1- 18" Metal End Section Type 3

GRADE LINE
T.G. 505.74
IN. 502.49
383+90
503.80
499.00
496.00
491.50
+90
486.20
2' F.B. Surf. Dt. Rt.

GROUND LINE
492.50
491.00
493.00
2' F.B. Surf. Dt. Rt.
2' F.B. Surf. Dt. Lt.
387+00
489.00

T.G. 508.84
IN. 505.59
505.62
501.00
GROUND LINE
497.00
2' F.B. Surf. Dt. Rt.
496.00
491.00
Subgrade
509.44
Perforated Pipe Underdrain
508.00

GROUND LINE
0.80%
394+95
511.18
511.30
15 Ent. Pipe Rt.
24 Ent. Pipe Lt.
T.G. 515.3
IN. 512.06
Spcl. Dt. Lt.
GRADE LINE
Spcl. Dt. Lt.
511.70

FLOOD EVALUATION DATA

RETURN INTERVAL (YRS.)	Q (CFS)	Hq ELEV. (FT.)
10	1.3	505.88
25	1.5	505.89

FLOOD EVALUATION DATA

RETURN INTERVAL (YRS.)	Q (CFS)	Hw ELEV. (FT.)
25	604.0	494.43
100	793.0	496.07

FLOOD EVALUATION DATA

RETURN INTERVAL (YRS.)	Q (CFS)	Hq ELEV. (FT.)
10	4.7	507.54
25	5.5	507.58

FLOOD EVALUATION DATA

RETURN INTERVAL (YRS.)	Q (CFS)	Hq ELEV. (FT.)
10	1.3	515.45
25	1.5	515.46

RIGHT OF WAY PLANS

SHEET TOTALS
STA. 382+00 TO STA. 397+00

COMMON	0 Cu. Yd.
SURF. DITCH	0 Cu. Yd.
FOUND. BNCH.	0 Cu. Yd.
TOTAL EXCAVATION	0 Cu. Yd.
FOUND. BNCH.	0 Cu. Yd.
EMBANKMENT	0 Cu. Yd.
TOTAL EMBANKMENT	0 Cu. Yd.

382+00	383+00	384+00	385+00	386+00	387+00	388+00	389+00	390+00	391+00	392+00	393+00	394+00	395+00	396+00	397+00
516.3 / 505.58	514.3 / 505.98	510.3 / 506.38	507.2 / 506.78	503.1 / 507.18	500.1 / 507.58	496.1 / 507.97	491.3 / 508.37	492.8 / 508.77	493.8 / 509.17	493.3 / 509.57	495.6 / 509.97	497.0 / 510.37	499.4 / 510.77	502.0 / 511.16	504.9 / 511.56	507.9 / 511.96	511.7 / 512.36	515.2 / 512.76	517.8 / 513.16	519.9 / 513.56	520.5 / 513.96	521.2 / 514.35	522.2 / 514.75	523.2 / 515.15	523.7 / 515.55	523.5 / 515.95	523.4 / 516.35	523.5 / 516.75	523.7 / 517.15	524.0 / 517.54

PROFILE STA. 382+00 TO STA. 397+00
SCALE: 1" = 5' VERT.
1" = 50' HORIZ.

PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____

Cell Library: kytc.cel
Cell Name: spf
08-MAY-2002 10:45

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R14

REVISED PLAN DATE: NOVEMBER 9, 2012

MAINLINE
P.I. 401+40.09
Delta = 79°45'46.21" Lt.
Ts = 2828.58'
Ls = 185.00
Lc = 4372.88'
Os = 1°37'08"
L.T. = 123.34'
S.T. = 61.67'
R = 3274.04'
Es = 993.08'
Se = 4.8%
Runoff = 185'
Runout = 77'
V = 60 M.P.H

LT. 407+75 MAINLINE
CONST. 16' ENTRANCE W/48
TONS OF CRUSHED STONE BASE 12 TONS
OF CLASS I ASPHALT BASE AND 23 TONS
OF CLASS I ASPHALT SURFACE.

JAMES P. PAYNE, JR.
LIVING TRUST
(42)

400+00

405+00

410+00

Post

Woven Wire

End Controlled Access

Begin Controlled Access

Temp. Esm't.

MATCHLINE STA. 397+00

MATCHLINE STA. 412+00

R 3129.04
L 2837.87 N59°50'41"W
LC 2741.61

PROP. R/W & CONTROLLED ACCESS

BEG. TAPER +45.19

O.E. 514.80

O.E. 520.48

O.E. 521.25

24'

12'

18'

16'

Ruin

180' 15:1 TAPER

350' STORAGE

℄ MAINLINE

TG 518.41
Inv 515.16

TG 524.88
Inv 521.63

+50 165'

+00 165'

+50 145'

+00 145'

15'

I.E. 522.25

BEG. TAPER +8.21

R 3419.04
L 2996.46 S60°43'11"E
LC 2901.48

JAMES P. PAYNE, JR.
LIVING TRUST
(42)

S87°26'44"E

C.P. △ 407

BM #42

Pond

End Controlled Access

Begin Controlled Access

C.P. 406

RT. 407+75 MAINLINE
CONST. 16' ENTRANCE W/48
TONS OF CRUSHED STONE BASE 11 TONS
OF CLASS I ASPHALT BASE AND 23 TONS
OF CLASS I ASPHALT SURFACE AND 44' OF
15" ENTRANCE PIPE W/2 15" METAL
END SECTIONS TYPE I.

RIGHT OF WAY PLANS

△ CONTROL POINT #406	△ CONTROL POINT #407
N= 1791049.5537	N= 1790557.1367
E= 786589.4237	E= 787628.8974
EL. 521.96	EL. 529.65

B.M. #42 RR SPIKE @ 60" OAK
297.41' RT. STA. 409+31.22 MAINLINE
EL. 528.08

PLAN SHEET STA. 397+00 TO STA. 412+00
SCALE: 1" = 50'

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Cell Library: kytc.cel
Cell Name: sp
11/8/2012

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R15

PREPARED BY ________ DATE
CHECKED BY ________ DATE
APPROVED BY ________

Cell Library: kytc.cel
Cell Name: spf
DD-MMM-YYYY HH:MM

FLOOD EVALUATION DATA		
RETURN INTERVAL (YRS.)	Q (CFS)	Hg ELEV. (FT.)
10	4.8	517.11
25	5.6	517.16

FLOOD EVALUATION DATA		
RETURN INTERVAL (YRS.)	Q (CFS)	Hg ELEV. (FT.)
10	1.3	525.02
25	1.5	525.03

FLOOD EVALUATION DATA		
RETURN INTERVAL (YRS.)	Q (CFS)	Hw ELEV. (FT.)
25	13.0	524.39
100	16.4	524.75

FLOOD EVALUATION DATA		
RETURN INTERVAL (YRS.)	Q (CFS)	Hg ELEV. (FT.)
10	2.8	526.33
25	3.3	526.36

RIGHT OF WAY PLANS

SHEET TOTALS
STA. 397+00 TO STA. 412+00

COMMON	0 Cu. Yd.
SURF. DITCH	0 Cu. Yd.
FOUND. BNCH.	0 Cu. Yd.
TOTAL EXCAVATION	0 Cu. Yd.
FOUND. BNCH.	0 Cu. Yd.
EMBANKMENT	0 Cu. Yd.
TOTAL EMBANKMENT	0 Cu. Yd.

PROFILE STA. 397+00 TO STA. 412+00
SCALE: 1" = 5' VERT.
1" = 50' HORIZ.

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R16

REVISED PLAN DATE: NOVEMBER 9, 2012

△ CONTROL POINT #408
N= 1790782.0977
E= 788545.3827
EL. 530.25

B.M. #43 RR SPIKE @ 30" SASSAFRAS
192.47' LT. STA. 415+82.85 MAINLINE
EL. 531.87

B.M. #44 RR SPIKE @ 12" W. CHERRY
215.32' LT. STA. 425+25.90 MAINLINE
EL. 524.16

MAINLINE
P.I. 401+40.09
Delta = 79°45'46.21" Lt.
Ts = 2828.58'
Ls = 185.00
Lc = 4372.88'
Os = 1°37'08"
L.T. = 123.34'
S.T. = 61.67'
R = 3274.04'
Es = 993.08'
Se = 4.8%
Runoff = 185'
Runout = 77'
V = 60 M.P.H

LT. 419+75 MAINLINE
CONST. 16' ENTRANCE W/46 TONS OF CRUSHED STONE BASE 11 TONS OF CLASS 1 ASPHALT BASE AND 22 TONS OF CLASS 1 ASPHALT SURFACE. AND 52' OF 15" ENTRANCE PIPE W/2 15" METAL END SECTIONS TYPE 1.

JAMES P. PAYNE, JR.
LIVING TRUST
(42)

415+00

CS 418+69.38

End Controlled Access

420+00
Begin Controlled Access

ST 420+54.38

JAMES P. PAYNE, JR.
LIVING TRUST
(42)

425+00

BM #43

BM #44

C.P. 408

Woven Wire

Woven Wire

MATCHLINE STA. 412+00

MATCHLINE STA. 427+00

BEGIN TAPER +45.85

R 3419.04
L 2837.87 N59°50'41"W
LC 2741.61

+69.38
145'

+50
159.20'

+00
154.95'

+50
139.20'

+00
134.94'

+54.38
130'

S82°10'34"E
181.66

CULTIVATED

PROP. R/W & CONTROLLED ACCESS

S87°26'44"E
1270.62

24'

180' 15:1 TAPER

24'

I.E. 521.00

6" Perf. Pipe

16'

15"

IG 527.00
Inv. 520.18

350' STORAGE

350' STORAGE

180' 15:1 TAPER

℄ MAINLINE

S87°26'44"E

24'

+50

+00

24'

BEGIN TAPER +9.41

O.E. 519.14

16'

24" EQUIV.

R 3419.04
L 2996.46 N60°43'11"W
LC 2901.48

N88°24'54"W
189.11

N87°26'44"W
1195.62

+69.38
145'

+50
142.11'

+50
162.11'

Temp. Esm't.

+00
148.97'

+00
160.97'

+54.38
140'

PROP. R/W & CONTROLLED ACCESS

JAMES P. PAYNE, JR.
LIVING TRUST
(42)

CULTIVATED

JAMES P. PAYNE, JR.
LIVING TRUST
(42)

CULTIVATED

End Controlled Access

Begin Controlled Access

RT. 419+75 MAINLINE
CONST. 16' ENTRANCE W/48 TONS OF CRUSHED STONE BASE 12 TONS OF CLASS 1 ASPHALT BASE AND 23 TONS OF CLASS 1 ASPHALT SURFACE AND 44' OF 24" EQUIVALENT ENTRANCE PIPE W/2 24" METAL END SECTIONS TYPE 1.

RIGHT OF WAY PLANS

PLAN SHEET STA. 412+00 TO STA. 427+00
SCALE: 1" = 50'

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Cell Library: kytc.cel
Cell Name: sp
11/8/2012

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R17

FLOOD EVALUATION DATA		
RETURN INTERVAL (YRS.)	Q (CFS)	Hg ELEV. (FT.)
10	1.7	527.36
25	2.0	527.38

FLOOD EVALUATION DATA		
RETURN INTERVAL (YRS.)	Q (CFS)	Hw ELEV. (FT.)
25	6.5	522.42
100	8.1	522.61

FLOOD EVALUATION DATA		
RETURN INTERVAL (YRS.)	Q (CFS)	Hg ELEV. (FT.)
10	1.5	527.04
25	1.7	527.07

RIGHT OF WAY PLANS

SHEET TOTALS
STA. 412+00 TO STA. 427+00

COMMON	0 Cu. Yd.
SURF. DITCH	0 Cu. Yd.
FOUND. BNCH.	0 Cu. Yd.
TOTAL EXCAVATION	0 Cu. Yd.
FOUND. BNCH.	0 Cu. Yd.
EMBANKMENT	0 Cu. Yd.
TOTAL EMBANKMENT	0 Cu. Yd.

PROFILE STA. 412+00 TO STA. 427+00
SCALE: 1" = 5' VERT.
1" = 50' HORIZ.

PREPARED BY ______ DATE ______
CHECKED BY ______ DATE ______
APPROVED BY ______

Cell Library: kytc.cel
Cell Name: spf
08-MAY-2002 10:57

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R18

REVISED PLAN DATE: NOVEMBER 9, 2012

△ GPS MON BLA 101	△ CONTROL POINT #409
N= 1790484.1550	N= 1790658.4130
E= 790267.4290	E= 790176.4840
EL. 518.75	EL. 521.98

FOR PROFILE OF CENTRAL RD.
SEE SHEETS R48, R51 & R53.

△ CONTROL POINT #410
N= 1790608.7714
E= 790785.7843
EL. 521.56

B.M. #45 RR SPIKE @ L.P. #M953B4832
159.05' LT. STA. 436+66.22 MAINLINE
EL. 516.34

CENTRAL ROAD
P.I. 16+07.38
DELTA = 24°06'57.45" Lt.
Ts = 213.61'
Lc = 420.90'
R = 1000.00'
Es = 22.56'
Se = 8.0%
Runoff (In) = 204'
Runout (In) = 51'
Runoff (Out) = See Profile
V = 55 M.P.H.

CENTRAL ROAD
P.I. 23+50.53
DELTA = 6°47'40.87" Lt.
Ts = 118.73'
Lc = 237.18'
R = 2000.00'
Es = 3.52'
Se = 5.9%
Runoff (In) = See Profile
Runoff (Out) = 151'
Runout (Out) = 51'
V = 55 M.P.H.

MATCHLINE STA. 427+00

MATCHLINE STA. 442+00

PI 16+07.38

End Controlled Access

Begin Controlled Access

JAMES P. PAYNE, JR. LIVING TRUST (42)

JAMES L. DORAN RUTH (Wf.) (40)

NORMA WOODSON (39)

MARIAN M. PARKS (37)

BILLY NORRIS ADAMS SUE ELLEN (Wf.) (31)

C.P. 409

C.P. 410

BM #45

PT 18+14.67

PC 22+31.80

PI 23+50.53

PT 24+68.98

℄ MAINLINE

S87°26'44"E

℄ CENTRAL ROAD

℄ Diversion

PROP. R/W & CONTROLLED ACCESS

GPS MON BLA 101

STA. 434+03.56 MAINLINE =
STA. 20+00 CENTRAL ROAD

Barn, Silo, Gravel, Temp. Esm't., Inlet & 15" CMP (Removed), 2-Sty. Br. Res, Septic Tank, Tank, 1-Sty. Br. Res, Fr. Bldg., Shed, Chain Link, 6' Perf. Pipe, Woods, LANDLOCKED, CULTIVATED, Diversion Slope, Temp. Esm't., 350' STORAGE, 100' TAPER, 140' TAPER @ 10:1, 15:1 TAPER, Inlet & 18" CMP, Inlet & 15" CMP, Inlet & 12" CMP, Inlet & 10" CMP, Inlet & 8" CMP, Inlet & 6" CMP, Ditch Inlet, Ditch Grate, Manhole, Power Pole, Guy Wire, Fence, Gas Line, Water Line, Overhead Utility, Underground Utility, Gas Valve, Gas Meter, Gas Marker, Water Valve, Water Meter, Water Marker, Fire Hydrant, Flood Light, Mail Box, Sign, Concrete, Asphalt, Grass, Gravel, Shed, Septic Tank, Tank, Chain Link, Fr. Bldg., Shed, Woods, Diversion Slope, Temp. Esm't.

RIGHT OF WAY PLANS

SEE SHEET R19 FOR RIGHT OF WAY INFORMATION.

PLAN SHEET STA. 427+00 TO STA. 442+00
SCALE: 1" = 50'

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Cell Library: kytc.cel
Cell Name: sp
11/8/2012

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R19

REVISED PLAN DATE: NOVEMBER 9, 2012

CENTRAL ROAD
P.I. 16+07.38
DELTA = 24°06'57.45" Lt.
Ts = 213.61'
Lc = 420.90'
R = 1000.00'
Es = 22.56'
Se = 8.0%
Runoff (In) = 204'
Runout (In) = 51'
Runoff (Out) = See Profile
V = 55 M.P.H.

CENTRAL ROAD
P.I. 23+50.53
DELTA = 6°47'40.87" Lt.
Ts = 118.73'
Lc = 237.18'
R = 2000.00'
Es = 3.52'
Se = 5.9%
Runoff (In) = See Profile
Runoff (Out) = 151'
Runout (Out) = 51'
V = 55 M.P.H.

MATCHLINE STA. 427+00

MATCHLINE STA. 442+00

430+00

440+00

15+00

PI 16+07.38

R 1080.00
LC 329.19 N24°26'16"E
L 330.48

80' Rt. Sta. 17+00.00 Central Rd.
End Controlled Access

Temp. Esm't.

R 1080.00
L 123.84 N12°23'12"E
LC 123.78

N20°16'47"E
66.39

JAMES P. PAYNE, JR.
LIVING TRUST
(42)

S87°26'44"E
1270.62

PROP. R/W & CONTROLLED ACCESS

S82°04'00"E
84.04

N71°14'04"W

N82°04'00"W
31.36

R 915.00
L 68.79 S14°55'43"W
LC 68.77

JAMES L. DORAN
RUTH (Wf.)
(40)

R 850.00
LC 64.90 S11°17'22"W
L 64.91

Temp. Esm't.

PT 18+14.67
N75°51'57"W

NORMA WOODSON
(39)

S87°26'44"E
708.17

PROP. R/W & CONTROLLED ACCESS

NORMA WOODSON (39)

℄ Diversion

PROP. R/W

S87°26'44"E

N87°26'44"W
1195.62

PROP. R/W & CONTROLLED ACCESS

85' Rt. Sta. 23+00.00 Central Rd.
End Controlled Access

R 2085.00
L 71.10 N8°07'30"E
LC 71.09

PI 23+50.53

JAMES P. PAYNE, JR.
LIVING TRUST
(42)

BILLY NORRIS ADAMS
SUE ELLEN (Wf.)
(31)

PC 22+31.80

95' Lt. Sta. 23+00.00 Central Rd.
Begin Controlled Access

R 1905.00
LC 64.96 S8°07'28"W

N82°51'06"W
73.58

R 1905.00
L 160.35 N4°37'40"E
LC 160.19

Temp. Esm't.

PT 24+68.98

STA. 434+03.56 MAINLINE =
STA. 20+00 CENTRAL ROAD

N87°02'39"W
126.94

N87°26'44"W
748.17

N87°02'39"W 1410.74

LANDLOCKED

MARIAN M. PARKS
(37)

MARIAN M. PARKS
(37)

RIGHT OF WAY PLANS

PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____

Cell Library: kytc.cel
Cell Name: sp
11/8/2012

RIGHT OF WAY SHEET
STA. 427+00 TO STA. 442+00
SCALE: 1" = 50'

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R20

FLOOD EVALUATION DATA		
RETURN INTERVAL (YRS.)	Q (CFS)	Hw ELEV. (FT.)
25	9.3	515.5
100	11.7	515.76

FLOOD EVALUATION DATA		
RETURN INTERVAL (YRS.)	Q (CFS)	Hw ELEV. (FT.)
10	3.0	519.97
25	3.5	519.99

FLOOD EVALUATION DATA		
RETURN INTERVAL (YRS.)	Q (CFS)	Hw ELEV. (FT.)
25	5.7	515.01
100	7.1	515.23

RIGHT OF WAY PLANS

SHEET TOTALS
STA. 427+00 TO STA. 442+00

COMMON	0 Cu. Yd.
SURF. DITCH	0 Cu. Yd.
FOUND. BNCH.	0 Cu. Yd.
TOTAL EXCAVATION	0 Cu. Yd.
FOUND. BNCH.	0 Cu. Yd.
EMBANKMENT	0 Cu. Yd.
TOTAL EMBANKMENT	0 Cu. Yd.

Station	Ground	Grade
427+00	515.9	524.97
427+50	514.4	524.71
428+00	512.7	524.45
428+50	513.3	524.19
429+00	514.6	523.93
429+50	516.1	523.67
430+00	518.0	523.41
430+50	519.9	523.15
431+00	521.6	522.88
431+50	522.8	522.62
432+00	522.5	522.36
432+50	521.5	522.10
433+00	519.9	521.84
433+50	518.5	521.58
434+00	513.6	521.32
434+50	514.0	521.06
435+00	513.3	520.80
435+50	514.7	520.54
436+00	516.6	520.27
436+50	519.4	520.01
437+00	521.8	519.75
437+50	522.5	519.49
438+00	520.8	519.23
438+50	519.1	518.97
439+00	516.9	518.71
439+50	515.1	518.45
440+00	514.1	518.19
440+50	513.8	517.92
441+00	513.0	517.66
441+50	512.0	517.40
442+00	510.2	517.14

PROFILE STA. 427+00 TO STA. 442+00
SCALE: 1" = 5' VERT.
1" = 50' HORIZ.

PREPARED BY ______
CHECKED BY ______ DATE ______
APPROVED BY ______ DATE ______

Cell Library: kytc.cel
Cell Name: spf
08-MAY-2002 11:00

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R21

REVISED PLAN DATE: NOVEMBER 9, 2012

B.M. #46 RR SPIKE @ 18" W. CHERRY x2
197.60' LT. STA. 443+18.57 MAINLINE
EL. 507.71

CONTROL POINT #411	CONTROL POINT #412	GPS MON BLA 102
N= 1790679.4327	N= 1790968.5586	N= 1790960.6280
E= 791149.5649	E= 791886.6440	E= 792250.1630
EL. 511.44	EL. 520.81	EL. 516.57

B.M. #47 RR SPIKE @ P.P. #7348
383.73' LT. STA. 454+34.73 MAINLINE
EL. 517.48

LT. 449+60.85 MAINLINE CONST. 24' ENTRANCE
W/670 SQ. YDS. OF D.G.A. BASE,
658 SQ. YDS. OF CLASS I ASPHALT BASE, &
654 SQ. YDS. OF CLASS I ASPHALT SURFACE.
49' OF 18" ENTRANCE PIPE
W/2 18" METAL END SECTIONS TYPE I.

MAINLINE
P.I. 456+09.09
DELTA = 41°35'11.97" Lt.
Ts = 1335.92'
Ls = 185.00
Lc = 2191.38'
Os = 1°37'08"
L.T. = 123.34'
S.T. = 61.67'
R = 3274.04'
Es = 228.57'
Se = 4.8%
Runoff = 185'
Runout = 77'
V = 60 M.P.H.

MATCHLINE STA. 442+00

TS 442+73.17

SC 444+58.17

445+00

450+00

455+00

C.P. 411

C.P. 412

BM #46

BM #47

GPS MON
BLA 102

JAMES L. DORAN
RUTH (Wf.)
40

NORMA WOODSON
39

MARIAN M. PARKS
37

HOUSING AUTHORITY
OF MAYFIELD, KENTUCKY

STEVE LAMBROFF
EVELYN (Wf.)

MAYFIELD

CORP. LIMITS

End Controlled Access
@ 449+57.35

S87°28'44"E
708.17

S87°58'49"E
181.60

N84°27'40"E
328.72'

R 3134.04
L 150.63 N83°34'35"E
LC 150.61

R 3067.04
LC 22.64 N81°41'18"E
L 22.64

PROP. R/W & CONTROLLED ACCESS

PROP. R/W

Temp. Esm't.

EXIST. R/W & CONTROLLED ACCESS

O.E. 508.60

I.E. 509.72

TC 513.95
Inv 510.70

18" O.E. 510.30

180' 15:1 TAPER

350' STORAGE

TC 511.28
Inv 508.03

I.E. 505.84

6" Perf. Pipe

24" Equiv.
(30"x19")

15:1 TAPER

O.E.. 505.36

Woods

N87°26'44"W
48.17

N86°28'19"W
188.69

R 3404.04
L 459.37 S87°04'10"W
LC 459.02

O.E. 507.70

LANDLOCKED

N88°30'01"W
19.98
PROP. R/W

End Controlled Access
@ 449+00

S87°26'44"E

STA. 449+60.85
END RIGHT OF WAY PROJECT 1-181.50

STEVE LAMBROFF
EVELYN (Wf.)

RT. 449+60.85 MAINLINE CONST. 24' ENTRANCE
W/679 SQ. YDS. OF D.G.A. BASE,
666 SQ. YDS. OF CLASS I ASPHALT BASE, &
663 SQ. YDS. OF CLASS I ASPHALT SURFACE.
83' OF 24" ENTRANCE PIPE
W/2 24" METAL END SECTIONS TYPE I.

RIGHT OF WAY PLANS

PLAN SHEET STA. 442+00 TO END PROJECT
SCALE: 1" = 50'

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Cell Library: kytc.cel
Cell Name: sp
11/8/2012

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	I-181.50	R22

FLOOD EVALUATION DATA		
RETURN INTERVAL (YRS.)	Q (CFS)	Hw ELEV. (FT.)
25	10.2	512.85
100	12.5	513.09

FLOOD EVALUATION DATA		
RETURN INTERVAL (YRS.)	Q (CFS)	Hg ELEV. (FT.)
10	5.2	512.53
25	6.2	512.58

FLOOD EVALUATION DATA		
RETURN INTERVAL (YRS.)	Q (CFS)	Hg ELEV. (FT.)
10	1.5	511.16
25	1.8	511.19

RIGHT OF WAY PLANS

SHEET TOTALS
STA. 442+00 TO STA. 457+00

COMMON	0 Cu. Yd.
SURF. DITCH	0 Cu. Yd.
FOUND. BNCH.	0 Cu. Yd.
TOTAL EXCAVATION	0 Cu. Yd.
FOUND. BNCH.	0 Cu. Yd.
EMBANKMENT	0 Cu. Yd.
TOTAL EMBANKMENT	0 Cu. Yd.

PREPARED BY ______ DATE ______
CHECKED BY ______
APPROVED BY ______ DATE ______

Cell Library: kytc.cel
Cell Name: spf
08-MAY-2002 07:07

PROFILE STA. 442+00 TO END PROJECT
SCALE: 1" = 5' VERT.
1" = 50' HORIZ.

442ENDPRO.DGN

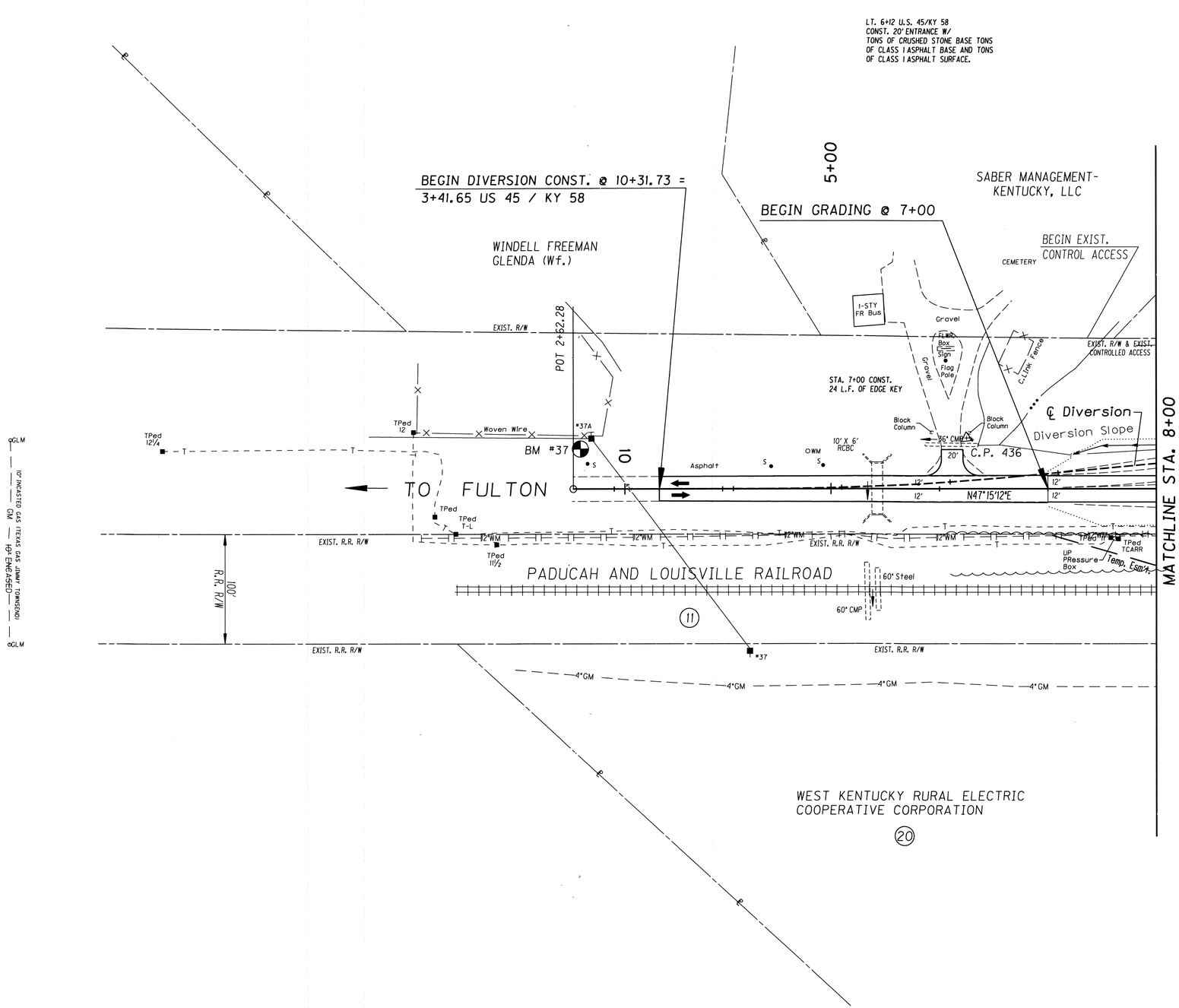
COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R23

REVISED PLAN DATE: NOVEMBER 9, 2012

△ CONTROL POINT #436
N= 1793163.4405
E= 783944.8665
EL. 506.98

B.M. #37 RR SPIKE @ USTVA P.P. #37A
46.31' LT. STA. 2+78 US 45/KY 58
EL. 504.26

SEE SHEET R24 FOR RIGHT OF WAY INFORMATION.



PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

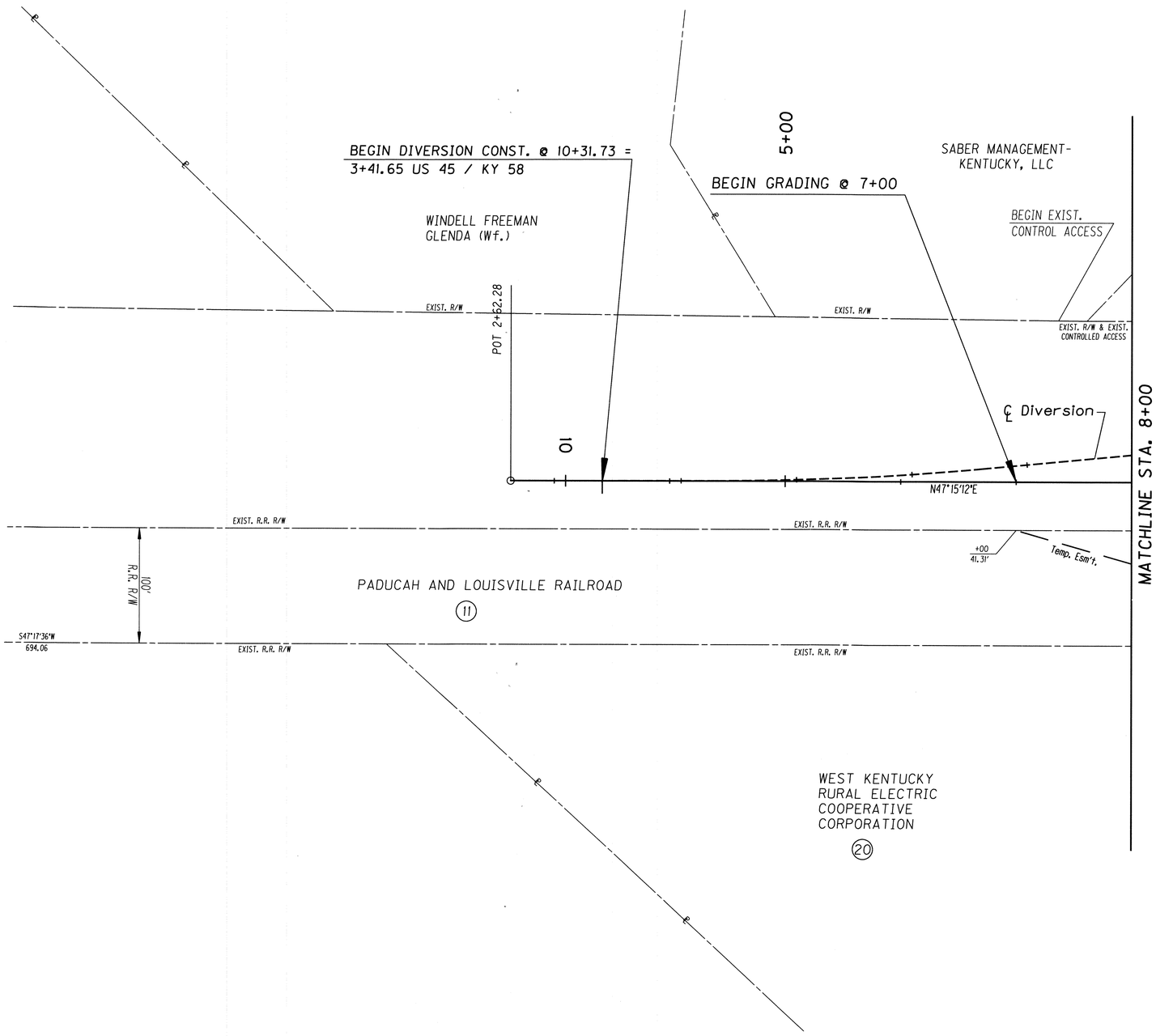
Cell Library: kytc.cel
Cell Name: sp
11/8/2012

RIGHT OF WAY PLANS

PLAN SHEET
US 45 / KY 58 BEGIN TO STA. 8+00
SCALE: 1" = 50'

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R24

REVISED PLAN DATE: NOVEMBER 9, 2012



RIGHT OF WAY PLANS

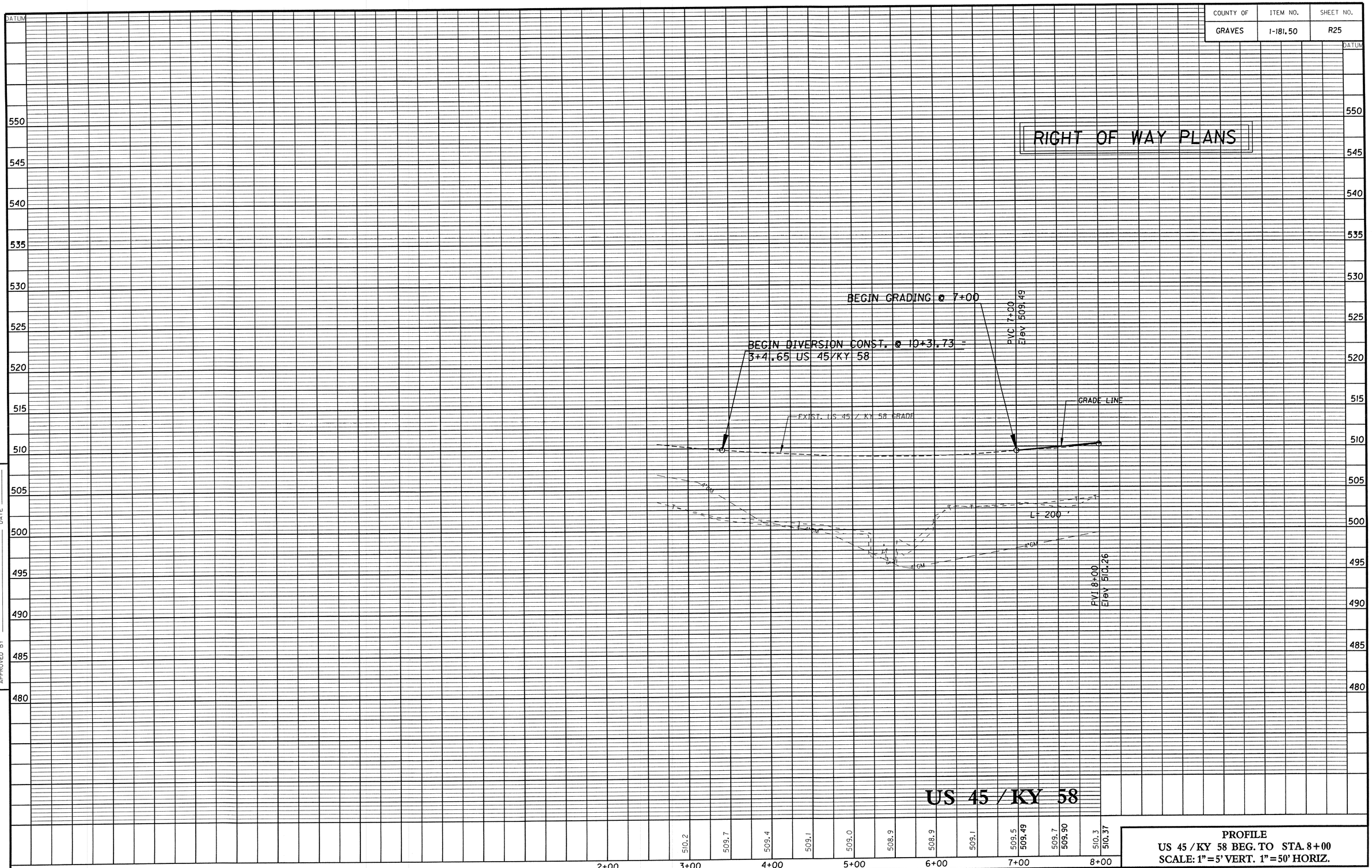
PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Cell Library: kytc.cel
Cell Name: sp
11/6/2012

RIGHT OF WAY SHEET
US 45 / KY 58 BEGIN TO STA. 8+00
SCALE: 1" = 50'

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R25

RIGHT OF WAY PLANS



US 45 / KY 58

PROFILE
US 45 / KY 58 BEG. TO STA. 8+00
SCALE: 1" = 5' VERT. 1" = 50' HORIZ.

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Cell Library: kytc.cel
Cell Name: spf
08-MAY-2002 08:29

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R26

REVISED PLAN DATE: NOVEMBER 9, 2012

△ CONTROL POINT #435
N= 1793775.6072
E= 784471.9316
EL. 520.11

△ CONTROL POINT #434
N= 1794490.2704
E= 784737.7101
EL. 531.96

LT. 13+19 U.S. 45/KY 58 CONST. 22' ENTRANCE W/349 SQ. YDS. OF D.G.A. BASE, 345 SQ. YDS. OF CLASS I ASPHALT BASE, & 342 SQ. YDS. OF CLASS I ASPHALT SURFACE. 44' OF 15" ENTRANCE PIPE W/2 15" METAL END SECTIONS TYPE 1.

LT. 13+75 U.S. 45/KY 58 CONST. 24' ENTRANCE W/500 SQ. YDS. OF D.G.A. BASE, 493 SQ. YDS. OF CLASS I ASPHALT BASE, & 490 SQ. YDS. OF CLASS I ASPHALT SURFACE. 48' OF 15" ENTRANCE PIPE W/2 15" METAL END SECTIONS TYPE 1.

SEE SHEET R27 FOR RIGHT OF WAY INFORMATION.

US45/KY58
P.I. 16+30.41
DELTA = 17°13'06.46" Lt.
Ts = 181.68'
Lc = 360.62
R = 1200.00'
Es = 13.68'
Se = 7.7%
Runoff (In) = 246'
Runout (In) = 64'
Runoff (Out) = See Profile
V = 55 M.P.H.

US45/KY58
P.I. 26+06.51
DELTA = 39°30'27.58" Rt.
Ts = 359.11'
Lc = 689.54
R = 1000.00'
Es = 62.53'
Se = 6.8%
Runoff (In) = See Profile
Runoff (Out) = See Profile
V = 45 M.P.H.

61' LT. STA. 18+84 US 45/KY 58 TO 72' LT. STA. 23+00 US 45/KY 80 REMOVE EXIST. FENCE POSTS AND 421' OF R/W FENCE-WOVEN WIRE.

61' LT. STA. 18+84 US 45/KY 80 TO 72' LT. STA. 23+00 US 45/KY 80 CONST. 421' OF R/W FENCE-WOVEN WIRE.

LT. 19+84 TO LT. 23+00 RIP RAP PROPOSED BACKSLOPE W/242 TONS OF CLASS II CHANNEL LINING AND 388 SQ. YDS. OF GEOTEXTILE FABRIC TYPE 1.

C.P. 434

DONAL JONES
BARBARA (WF.)
(19)

MATCHLINE STA. 8+00

10+00

15+00

20+00

MATCHLINE STA. 23+00

Drive-In Theatre

END EXIST. CONTROL ACCESS

BEGIN EXIST. CONTROL ACCESS

Temp. Esm't.

Ticket Booth

Sign

Canopy

PC 14+48.73

PT 18+09.35

EXIST. R/W & EXIST. CONTROLLED ACCESS

Woven Wire

RW Mon

N47°10'47"E

C.P. 435

EXIST. FENCE TO REMAIN

N46°27'10"E 331.49'

BEGIN PROP. FENCE

Temp. Esm't. Perm. Esm't. PROP. R/W & CONTROLLED ACCESS

S46°27'10"W 59.25'

108.00'

N46°27'10"E

REMOVE EXIST. FENCE

EXIST. R/W & EXIST. CONTROLLED ACCESS (CONST. PROP. FENCE)

385' Taper @ 55:1

180' TAPER @ 15:1

℄ Diversion

Diversion Slope

Remove Exist. Headwall & 30' of Exist. 24" RCP

24" RCP

I.E. 511.64

N30°02'06"E

END DIVERSION CONST.
STA. 29+71.38

Asphalt

Grass

Gravel

Remove Exist. Headwall & 4' of Exist. 24" Pipe

I.E. 508.51

Elec. Box

Perm. Drainage Esm't.

36" RCP (To Remain)

PI 16+30.41

EXIST. R.R. R/W

S47°15'42"W

R.R. Switch

C.P. 400

TPed PPAI

BM #38

Motion Sensor

WEST KENTUCKY RURAL ELECTRIC COOPERATIVE CORPORATION
(20)

Spur

Mfr. Warehouse

Conc.

EXIST. R/W

INGERSOLL RAND RD

THOMAS W. PAYNE
JAMES P. PAYNE, JR.
(22)

JOE W. ADAMS
(16)

Fence Line

Storage Trailer

Temp. Esm't. Perm. Esm't.

Seal Coat

EXIST. R/W & CONTROLLED ACCESS

EXIST. R/W & EXIST. CONTROLLED ACCESS REMOVE EXIST. FENCE

R/W 150'

△ C.P. 400
N= 1794063.4830
E= 785182.1690
EL. 523.50

B.M. #38 RR SPIKE @ USTVA P.P. #33
502.99' RT. STA. 366+74.76 MAINLINE
EL. 526.67

RIGHT OF WAY PLANS

PLAN SHEET
US 45 / KY 58 STA. 8+00 TO STA. 23+00
SCALE: 1" = 50'

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Cell Library: kytc.cel
Cell Name: sp
11/8/2012

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R27

REVISED PLAN DATE: NOVEMBER 9, 2012

US45/KY58
P.I. 16+30.41
DELTA = 17°13'06.46" Lt.
Ts = 181.68'
Lc = 360.62
R = 1200.00'
Es = 13.68'
Se = 7.7%
Runoff (In) = 246'
Runout (In) = 64'
Runoff (Out) = See Profile
V = 55 M.P.H.

US45/KY58
P.I. 26+06.51
DELTA = 39°30'27.58" Rt.
Ts = 359.11'
Lc = 689.54
R = 1000.00'
Es = 62.53'
Se = 6.8%
Runoff (In) = See Profile
Runoff (Out) = See Profile
V = 45 M.P.H.

MATCHLINE STA. 8+00

MATCHLINE STA. 23+00

DONAL JONES
BARBARA (WF.)
(19)

WEST KENTUCKY
RURAL ELECTRIC
COOPERATIVE
CORPORATION
(20)

JOE W. ADAMS
(16)

PADUCAH AND LOUISVILLE RAILROAD
(11)

THOMAS W. PAYNE
JAMES P. PAYNE, JR.
(22)

10+00 | 15+00 | 20+00

PC 14+48.73 | PT 18+09.35 | PC 22+47.40

END EXIST. CONTROL ACCESS

BEGIN EXIST. CONTROL ACCESS

EXIST. R/W & EXIST. CONTROLLED ACCESS

BEGIN PROP. FENCE

PROP. R/W & CONTROLLED ACCESS W/FENCE

EXIST. R/W & EXIST. CONTROLLED ACCESS

EXIST. R/W & CONTROLLED ACCESS (CONST. PROP. FENCE)

℄ Diversion

END DIVERSION CONST.
STA. 29+71.38

EXIST. R.R. R/W

Temp. Esm't.

Perm. Drainage Esm't.

S47°15'42"W

N47°15'42"E 50.00

N42°44'44"W 24.00

S42°44'44"E 24.00

100' R/W

PI 16+30.41

N46°27'10"E 331.49'

N30°02'06"E

N31°47'20"E

S46°27'10"W 108.04'

N47°10'47"E

N47°27'10"W

S65°45'27"W 39.14'

60' R/W

RIGHT OF WAY PLANS

RIGHT OF WAY SHEET
US 45 / KY 58 STA. 8+00 TO STA. 23+00
SCALE: 1" = 50'

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Cell Library: kytc.cel
Cell Name: sp
11/8/2012

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R28

REVISED PLAN DATE: JUNE 30, 2004

DATUM

550 545 540 535 530 525 520 515 510 505 500 495 490

15-48 Const.
Rt. 18 of 24" Culvert Pipe (Ext.)
& 4-Mitered Slope Rt.
2- 18 Sloped & Flared Headwalls
Remove 34 Exist. Pipe

PVT 9+00
Elev 511.48

EXIST. US 45 /KY 58 GRADE

GRADE LINE

1.22%

15" Ent. Pipe Lt.

15" Ent. Pipe Lt.

4'GM

PVI 8+00
Elev 510.26

L= 600 '
SD= 843 '

PVI 18+00
Elev 522.50

+09.35
7.70% LT.

PVC 15+00
Elev 518.83

514.50

EXIST. 24" RCP

Spcl. Dt. Lt.

516.00

517.06

EXIST. 8" WATER

GM

GROUND LINE

HI 20+99.683
Elev 522.50

-55.35
0.00%

+17.40
6.80% RT.

SPECIAL S.E. TRANS.

-0.00%

Spcl. Dt. Lt.

520.86

519.05

521.88

GRADE LINE

PVT 21+00
Elev 522.497

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____

Cell Library: kytc.cel
Cell Name: spf
02-JUL-2004 07:16

FLOOD EVALUATION DATA		
RETURN INTERVAL (YRS.)	Q (CFS)	HW ELEV. (FT.)
25	10.1	513.48
100	12.5	513.73

RIGHT OF WAY PLANS

US 45 / KY 58

8+00	9+00	10+00	11+00	12+00	13+00	14+00	15+00	16+00	17+00	18+00	19+00	20+00
510.3 / 510.37	510.8 / 510.90	511.4 / 511.48	512.0 / 512.10	512.7 / 512.71	513.3 / 513.32	513.9 / 513.93	514.5 / 514.54	515.1 / 515.16	515.7 / 515.77	516.3 / 516.38	516.9 / 516.99	517.5 / 517.60	518.1 / 518.22	518.6 / 518.83	519.3 / 519.41	519.9 / 519.95	520.4 / 520.43	521.0 / 520.87	521.3 / 521.25	521.4 / 521.58	519.5 / 521.86	518.1 / 522.09	520.4 / 522.27	523.1 / 522.40	523.8 / 522.47

21+00	22+00	23+00
525.2 / 522.50	528.0 / 522.50	525.8 / 522.50	521.8 / 522.50	523.0 / 522.50

PROFILE
US 45 / KY 58 STA. 8+00 TO STA. 23+00
SCALE: 1" = 5' VERT. 1" = 50' HORIZ.

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R29

REVISED PLAN DATE: NOVEMBER 9, 2012

△ CONTROL POINT #433
N= 1794683.6261
E= 784999.4428
EL. 526.34

△ GPS MON BLA #98
N= 1794805.2750
E= 785197.9580
EL. 530.49

FOR PROFILE OF CARDINAL ROAD, SEE SHEET R37.

CARDINAL ROAD
P.I. 6+92.84
DELTA = 42°48'07.60" Lt.
Ts = 137.17'
Lc = 261.46'
R = 350.00'
Es = 25.92'
Se = 8.0%
Runoff (In) = 155'
Runout (In) = 39'
Runoff (Out) = See Profile
V = 35 M.P.H.

△ CONTROL POINT #428
N= 1795317.6185
E= 785766.5909
EL. 531.46

LT. 35+15 U.S. 45/KY 58 CONST. 14' ENTRANCE
146 SQ. YDS. OF D.G.A. BASE, &
142 SQ. YDS. OF JPC PAVEMENT-8 INCH NON-REINF.
44' OF 15" ENTRANCE PIPE
W/2 15" METAL END SECTIONS TYPE I.

LT. 37+03 U.S. 45/KY 58 CONST. 14' ENTRANCE
W/117 SQ. YDS. OF D.G.A. BASE.
114 SQ. YDS. OF JPC PAVEMENT-8 INCH NON-REINF.
48' OF 15" ENTRANCE PIPE
W/2 15" METAL END SECTIONS TYPE I.

DONAL JONES
BARBARA (WF.)
(19)

HARDY P. WIMAN
DOROTHY (WF.)
(13)

MAINLINE
P.I. 353+27.49
DELTA = 8°59'52.67" Lt.
Ts = 1290.01'
Lc = 2574.72'
R = 16405.00'
Es = 50.64'
Se = N. Crown
Runoff = None
Runout = None
V = 60 M.P.H.

WALLACE MOHLER
LINDA (Wf.)

JOE W. ADAMS
(15)

GPS MON BLA 98

C.P. 433

JOE W. ADAMS
(16)

C.P. 428

TRUSTEES OF THE HOUSE OF PRAYER
(9)

GARY S. LEE
TENA F. (WF.)
(10)

THOMAS W. PAYNE
JAMES P. PAYNE, JR.
(22)

PADUCAH AND LOUISVILLE RAILROAD
(11)

C.P. 423

MATCHLINE STA. 23+00

MATCHLINE STA. 38+00

STA. 26+20 US 45 / KY 58 =
STA. 10+00 CARDINAL ROAD

LT. 23+00 TO LT. 23+18 RIP RAP PROPOSED BACKSLOPE W/12 TONS OF CLASS II CHANNEL LINING AND 18 SQ. YDS. OF GEOTEXTILE FABRIC TYPE I.

US45/KY58
P.I. 26+06.51
DELTA = 39°30'27.58" Rt.
Ts = 359.11'
Lc = 689.54'
R = 1000.00'
Es = 62.53'
Se = 6.8%
Runoff (In) = See Profile
Runoff (Out) = See Profile
V = 45 M.P.H.

STA. 359+75 MAINLINE =
STA. 30+00 US 45 / KY 58

US45/KY58
P.I. 33+45.60
DELTA = 22°17'00.20" Lt.
Ts = 236.34'
Lc = 466.70'
R = 1200.00'
Es = 23.05'
Se = 7.7%
Runoff (In) = See Profile
Runoff (Out) = 246'
Runout (Out) = 64'
V = 55 M.P.H.

34+40 US45/KY58 REMOVE 56 L.F. OF 4' X 4' BOX CULVERT.

RT. STA. 32+50 TO RT. STA. 35+00 US45/KY58 CONST. 250 L.F. OF STEEL "W" BEAM GUARDRAIL WITH TWO (2) GUARDRAIL END TREATMENTS TYPE 4A.

RIGHT OF WAY PLANS

△ CONTROL POINT #423
N= 1794518.2525
E= 785565.7338
EL. 523.83

△ CONTROL POINT #424
N= 1795071.2990
E= 786003.6249
EL. 511.55

SEE SHEET R30 FOR RIGHT OF WAY INFORMATION.

PLAN SHEET
US 45 / KY 58 STA. 23+00 TO STA. 38+00
SCALE: 1" = 50'

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Cell Library: kytc.cel
Cell Name: sp
11/8/2012

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R30

REVISED PLAN DATE: NOVEMBER 9, 2012

HARDY P. WIMAN
DOROTHY (WF.)
17

DONAL JONES
BARBARA (WF.)
19

DONAL JONES
BARBARA (WF.)
19

WALLACE MOHLER
LINDA (Wf.)

HARDY P. WIMAN
DOROTHY (WF.)
13

JOE W.
ADAMS
15

JOE W. ADAMS
16

GARY S. LEE
TENA F. (WF.)
10

TRUSTEES OF THE
HOUSE of PRAYER
9

PADUCAH AND LOUISVILLE RAILROAD
11

THOMAS W. PAYNE
JAMES P. PAYNE, JR.
22

THOMAS W. PAYNE
JAMES P. PAYNE, JR.
22

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Cell Library: kytc.cel
Cell Name: sp
11/8/2012

RIGHT OF WAY PLANS

RIGHT OF WAY SHEET
US 45 / KY 58 STA. 23+00 TO STA. 38+00
SCALE: 1" = 50'

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R31

REVISED PLAN DATE: JUNE 30, 2004

DATUM

550 545 540 535 530 525 520 515 510 505 500 495 490

CARDINAL ROAD

MAIN LINE

EWT. 25+36.920
Elev 522.495

+98.00
6.80% RT.

27+48 Const.
162' of 18" Culvert Pipe
@ 15° Skew Rt.
2- 18" Sloped & Flared Headwalls

+40.00
0.10% RT.

+50.00
0.10% RT.

SPECIAL S.E. TRANS.

PVI 29+54.47
Elev 522.49
PVI 29+79.33
Elev 522.52
PVI 30+20.12
Elev 522.56
PVI 30+45.97
Elev 522.56

SPECIAL S.E. TRANS.

LOW WIRE
EL. 53.90
FT. 46'

L= 400 '
SD= 894 '

+105.00
7.70% LT.

PVI 33+00
Elev 522.56

34+40 Const.
144' of 7'x4' Box Culvert
@ 6.45°28" Skew Lt.
2- 4'x4' Wingwalls

PVC 37+50
Elev 518.21

GRADE LINE

-0.97%

EXIST. US 45 / KY 58 GRADE

GRADE LINE

-0.00%

Spcl. Dt. Lt.

521.82

520.82

516.88

GROUND LINE

518.90

518.50

2' F.B. Surf. Dt. Lt.

518.42

515.88

515.75

2' F.B. Dt. Rt.

Spcl. Dt. Rt.

514.63

514.50

2' F.B. Surf. Dt. Lt.

515.00

514.00

2' F.B. Dt. Rt.

513.83

2' F.B. Spcl. Dt. Rt.

512.00

+87
510.45

4' F.B. Outlet Dt. Lt.

2' F.B. Outlet Dt. Lt.

514.00

515.25

Dt. From Lt. Mainline

509.76
Outlet Ditches
To 48" Pipe
Mainline 358+19

509.37

0.10%

0.10%

-0.01%

513.00

514.50

2' F.B. Surf. Dt. Lt.

511.00

508.32

2' F.B. Surf. Dt. Rt.

509.00

509.00

2' F.B. Surf. Dt. Lt.

508.00

2' F.B. Surf. Dt. Rt.

506.50

505.75

PVC 31+00
Elev 522.58

PVT 35+00
Elev 520.63

+49
502.72

512.25

1st Ent. Pipe Lt.

511.00

509.50

2' F.B. Surf. Dt. Lt.

+30
503.00

507.50

1st Ent. Pipe Rt.

507.50

2' F.B. Surf. Dt. Rt.

504.00

507.10

513.00

514.00

2' F.B. Surf. Dt. Lt.

2' F.B. Surf. Dt. Rt.

EXIST. 8" VCP SAN

EXIST. 8" VCP SAN

FLOOD EVALUATION DATA		
RETURN INTERVAL (YRS.)	Q (CFS)	HW ELEV. (FT.)
25	7.58	515.56
100	9.44	515.88

FLOOD EVALUATION DATA		
RETURN INTERVAL (YRS.)	Q (CFS)	HW ELEV. (FT.)
25	85.0	507.21
100	111.3	507.89

	23+00	24+00	25+00	26+00	27+00	28+00	29+00	30+00	31+00	32+00	33+00	34+00	35+00	36+00	37+00	38+00
	523.0	523.4	520.6	518.4	517.6	516.4	515.8	515.1	514.8	514.8	519.4	516.8	517.8	510.0	515.0	514.7
	522.50	522.50	522.50	522.50	522.49	522.49	522.49	522.49	522.49	522.49	522.49	522.49	522.49	522.49	522.54	522.58
	514.3	513.4	511.1	511.0	511.2	511.5	511.7	512.2	512.2	512.5		512.5	512.8	513.1	513.9	514.2
	522.58	522.54	522.45	522.30	522.08	521.81	521.47	521.08	520.63	520.15		519.66	519.18	518.70	518.21	517.77

RIGHT OF WAY PLANS

US 45 / KY 58

PROFILE
US 45 / KY 58 STA. 23+00 TO STA. 38+00
SCALE: 1" = 5' VERT. 1" = 50' HORIZ.

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Cell Library: kytc.cel
Cell Name: spf
02-JUL-2004 07:19

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R32

REVISED PLAN DATE: NOVEMBER 9, 2012

SEE SHEET R33 FOR RIGHT OF WAY INFORMATION.

FOR PROFILE OF COMPRESSOR DRIVE, SEE SHEET R34.

COMPRESSOR DRIVE
P.I. 9+40.35
DELTA = 47°03'10.75" Right
Ts = 21.77'
R = 50.00'
Lc = 41.06'
Es = 4.53'
Se = N.C.
PC 9+18.58
PT 9+59.64

COMPRESSOR DRIVE
LT. 9+37 COMPRESSOR DR. CONST. 44' ENTRANCE
W/103 SQ. YDS. OF D.G.A. BASE,
102 SQ. YDS. OF CLASS I ASPHALT BASE, &
102 SQ. YDS. OF CLASS I ASHPALT SURFACE.

LT. 38+47 U.S. 45/KY 58 CONST. 45' ENTRANCE
W/291 SQ. YDS. OF D.G.A. BASE, &
288 SQ. YDS. OF JPC PAVEMENT -8 INCH NON-REINF.

STA. 39+77.82 US 45/ KY 58 =
10+00 MACEDONIA ROAD

STA. 44+08.09 US 45/ KY 58 =
10+00 COMPRESSOR DRIVE

MATCHLINE STA. 38+00

40+00

45+00

10+00

15+00

MITCOR, LLC (8)

MITCOR, LLC (23)

CAMPBELL TOBACCO REHANDLING CO., INC. (3)

THOMAS W. PAYNE
JAMES P. PAYNE, JR. (22)

CITY OF MAYFIELD, KENTUCKY (25)

PADUCAH AND LOUISVILLE RAILROAD (11)

MAYFIELD CORP LIMITS

POT 8+63.33

POT 50+52.01

S89°47'37"E

S87°50'45"E

N47°15'33"E

END GRADING @ 45+44.27

STA. 45+44.27 CONST.
24 L.F. OF EDGE KEY

END DIVERSION CONST. @ 24+87.77 =
49+98.80 US 45 / KY 58

PC 10+97.13

BM #36

Do Not Disturb Existing Sign

Steel Posts

Diversion Slope

℄ Diversion

U.S. 45/KY. 58

TO MAYFIELD

MACEDONIA RD.

EXIST. R/W

EXIST. R.R. R/W

100' R.R. R/W

RIGHT OF WAY PLANS

FOR PROFILE OF MACEDONIA ROAD, SEE SHEET R40 & R43.

△ CONTROL POINT #425
N= 1795416.2370
E= 786524.3319
EL. 515.83

B.M. #36 RR SPIKE @ USTVA P.P. #26A
116' LT. STA. 13+28 MACEDONIA RD.
EL. 506.94

PLAN SHEET
U.S. 45 / KY. 58 STA. 38+00 TO END
SCALE: 1" = 50'

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Cell Library: kytc.cel
Cell Name: sp
11/8/2012

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R33

REVISED PLAN DATE: NOVEMBER 9, 2012

COMPRESSOR DRIVE
P.I. 9+40.35
DELTA = 47°03'10.75" Right
Ts = 21.77'
R = 50.00'
Lc = 41.06'
Es = 4.53'
Se = N.C.
PC 9+18.58
PT 9+59.64

MATCHLINE STA. 38+00

MAYFIELD CORP LIMITS
EXIST. R/W & C.A.

40+00

MITCOR, LLC
(8)

STA. 39+77.82 US 45/ KY 58 =
10+00 MACEDONIA ROAD

10+00

45+00

MITCOR, LLC
(23)

CAMPBELL TOBACCO
REHANDLING CO., INC.
(3)

EXIST. R/W

POT 8+63.33

POT 50+52.01

(9)

Temp. Esm't.
S48°19'11"W
65.21

S87°31'16"E 208.46

+46.20
77.79'

+45.96
70'

END EXIST.
CONTROL ACCESS

+45.36
50'

S47°15'33"W
370.00

+61.96
85'

+80.07
75'

Temp. Easement

+72.65
52.99'

END EXIST.
CONTROL ACCESS

+60
85'

+60
75'

PROP.
N47°15'33"E R/W
386.52

R 2150.00
LC 95.16 S69°37'59"W
L 95.20

N49°22'05"E 81.30

N47°15'33"E 239.11

+53.89
50'

+39.75
100.40'

Temp.
Esm't.

+16.44
75'

+66.58
75'

+93.00
50'

N09°18'59"W
96.31'

S89°47'37"E

+81.72
146.12'

+64.39
127.24'

S42°44'27"E

Temp. Esm't.

+56.86
75'

+46
50'

+00
75'

Temp. Esm't.

+00
50'

EXIST. R/W

15

20

25

℄ Diversion

N47°15'33"E

90' R/W

44°53'41"

+10.00
40.00'

+35
40'

S47°15'33"W
50.00
Perm.
Drainage
Esm't.

+85
40'

S42°44'27"E
25.00'

N42°44'27"W
25.00'

N47°15'33"E
50.00

EXIST. R.R. R/W

S47°15'33"W

N47°15'33"E
170.00

+40.00
40.00'

Temp. Esm't.

S83°38'55"W 169.25
Perm. Esm't.

+90.88
77.50'

132.80

Perm. Esm't.

S83°37'06"E

+00
65'

+35
65'

Temporary Easement

+00
40'

+00
65'

100' R.R. R/W

PADUCAH AND LOUISVILLE RAILROAD
(11)

END DIVERSION CONST. @ 24+87.77 =
49+98.80 US 45 / KY 58

PC 10+97.13
MAYFIELD CORP EXIST. R.R. R/W

N47°15'33"E 120.66

35.66

15+00

EXIST. R.R. R/W

EXIST. R.R. R/W

12+29.04
30.00'

12+66.79
67.61'

12+54.30
55.17'

11+68.82
30.00'

N87°50'45"W
131.18

S87°50'45"E
Temp. Esm't.
Perm. Esm't.
164.74

N87°50'45"W 164.74

+93.79
30.00'

+03.72
67.61'

+19.05
55.17'

+37.80
73.85'

N47°15'33"E
35.66

N81°46'14"E
82.30

+00.00
85.00'

+00.00
70.00'

Perm. Esm't.

N48°55'17"E 391.15

Temp. Esm't.

N72°35'05"E
49.44

12+53.42
46.56'

+58.74
55.28'

13+00
30.00'

+29.86
30.00'

N87°50'45"W 328.76

S87°50'45"E

EXIST. R/W

N87°50'45"W
436.86

S87°50'45"E
330.69

60' R/W

MACEDONIA RD.

EXIST. R/W

CITY OF MAYFIELD,
KENTUCKY
(25)

THOMAS W. PAYNE
JAMES P. PAYNE, JR.
(22)

RIGHT OF WAY PLANS

RIGHT OF WAY SHEET
U.S. 45 / KY. 58 STA. 38+00 TO END
SCALE: 1" = 50'

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Cell Library: kytc.cel
Cell Name: sp
11/8/2012

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R34

REVISED PLAN DATE: FEBRUARY 26, 2007

RIGHT OF WAY PLANS

42-48 Const. Lt. 7' of 24" Culvert Pipe (Ext.) (CMP)16 Gage (No Alternate) Rt. 26' of 24" Culvert Pipe (Ext.) (CMP)16 Gage (No Alternate) 2-01 Sheet 2-24" Sloped & Flared Headwalls Remove 3 Exist. Pipe

40-58 Const. 55' of 6" Perforated Pipe and 12' OF 6" Non-Perforated Pipe & 1 Per Perforated Pipe Headwall Type 4-6 Inch

9+57 Const. 5' of 18" Non-Perforated Pipe 2-18" Flared End Sections Type 3 (MW) Metal End Sections

MACEDONIA ROAD

COMPRESSOR DRIVE

END GRADING @ 45+44.27

BEGIN CONST @ 8+75

GRADE LINE

EXIST. US 45 / KY 58 GRADE

Perforated Pipe Underdrain

END DIVERSION CONST. @ 24+87.77 = 49+98.80 US 45/KY 58

P.V.I. 38+10 Elev 508.03

P.V.C. 40+00 Elev 515.80

P.V.I. 42+50 Elev 517.32

P.V.I. 45+44.27 Elev 516.10

P.V.C. 8+75.00 Elev 518.77

P.V.I. 9+00.00 Elev 518.94

P.V.I. 9+25.000 Elev 518.46

P.V.I. 9+75.00 Elev 517.98

P.V.I. 9+50.00 Elev 517.98

P.V.I. 10+00.00 Elev 518.27

L= 500

L= 50.00 FT SD= 435 FT

L= 50.00 FT SD= 1610 FT

FLOOD EVALUATION DATA		
RETURN INTERVAL (YRS.)	Q (CFS)	Hw ELEV. (FT.)
25	10.6	512.63
100	13.4	512.93

FLOOD EVALUATION DATA		
RETURN INTERVAL (YRS.)	Q (CFS)	Hw ELEV. (FT.)
25	41	515.82
100	5.2	515.98

US 45 / KY 58

COMPRESSOR DRIVE

SCALE: 1" = 5' VERT. 1" = 50' HORIZ.

	38+00	39+00	40+00	41+00	42+00	43+00	44+00	45+00	46+00	47+00	48+00	49+00	50+00
	514.2	514.5	514.7	515.0	515.0	515.7	516.1	516.5	516.8	517.1	517.6	517.9	518.2	518.5	518.8	519.1	519.5	519.8	519.9	520.2	520.6	520.8	520.9	520.9	520.9
	517.77	517.41	517.12	516.91	516.78	516.73	516.76	516.87	517.05	517.32	517.62	517.92	518.23	518.53	518.83										

PROFILE
US 45 / KY 58 STA. 38+00 TO END COMPRESSOR DRIVE

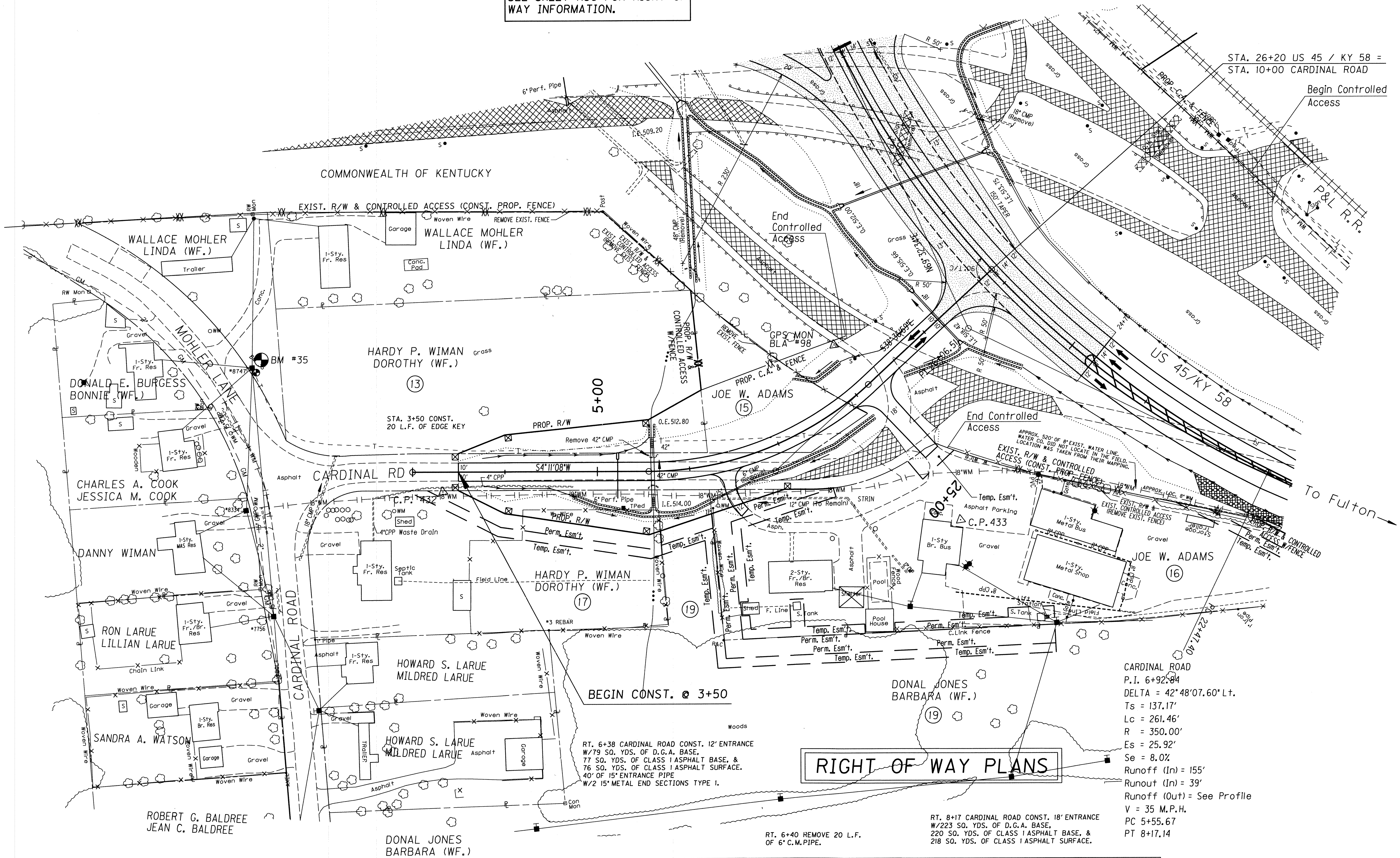
PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____

Cell Library: Kytc.cel
Cell Name: sp1
26-FEB-2007 10:01

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R35

REVISED PLAN DATE: NOVEMBER 9, 2012

SEE SHEET R36 FOR RIGHT OF WAY INFORMATION.



RT. 6+38 CARDINAL ROAD CONST. 12' ENTRANCE W/79 SQ. YDS. OF D.G.A. BASE, 77 SQ. YDS. OF CLASS I ASPHALT BASE, & 76 SQ. YDS. OF CLASS I ASPHALT SURFACE. 40' OF 15" ENTRANCE PIPE W/2 15" METAL END SECTIONS TYPE I.

RT. 6+40 REMOVE 20 L.F. OF 6" C.M.PIPE.

RT. 8+17 CARDINAL ROAD CONST. 18' ENTRANCE W/223 SQ. YDS. OF D.G.A. BASE, 220 SQ. YDS. OF CLASS I ASPHALT BASE, & 218 SQ. YDS. OF CLASS I ASPHALT SURFACE.

CARDINAL ROAD
P.I. 6+92.84
DELTA = 42°48'07.60" Lt.
Ts = 137.17'
Lc = 261.46'
R = 350.00'
Es = 25.92'
Se = 8.0%
Runoff (In) = 155'
Runout (In) = 39'
Runoff (Out) = See Profile
V = 35 M.P.H.
PC 5+55.67
PT 8+17.14

B.M. #35 RR SPIKE @ UP #8747
331.16' RT. STA. 353+27.70 MAINLINE
EL. 526.32

△ GPS MON BLA #98	△ CONTROL POINT #423	△ CONTROL POINT #432	△ CONTROL POINT #433
N= 1794805.2750	N= 1794518.2525	N= 1795238.7325	N= 1794683.6261
E= 785197.9580	E= 785565.7338	E= 785072.1162	E= 784999.4428
EL. 530.49	EL. 523.83	EL. 522.86	EL. 526.34

PLAN SHEET
CARDINAL ROAD
SCALE: 1" = 50'

PREPARED BY ______ DATE
CHECKED BY ______ DATE
APPROVED BY ______ DATE

Cell Library: kytc.cel
Cell Name: sp
11/8/2012

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R36

REVISED PLAN DATE: NOVEMBER 9, 2012

MAINLINE

S7°40'58"E

PT 29+36.94

PI 353+27.49

105°01'02" I/Curve

S1°06'30"W 365.00

N47°14'41"E 394.13

N28°56'37"W 102.76

Perm. Esmt. 38.91

EXIST. R.R. R/W

PROP. C.A. & FENCE

EXIST. R.R. R/W

266.32' RT. STA. 24+63.44
US 45 / KY 58
Begin Controlled Access

STA. 26+20 US 45 / KY 58 =
STA. 10+00 CARDINAL ROAD

PADUCAH AND LOUISVILLE RAILROAD

EXIST. R/W & CONTROLLED ACCESS (CONST. PROP. FENCE)

55' LT. STA. 8+34.66 Cardinal Rd
End Controlled Access

WALLACE MOHLER
LINDA (WF.)

EXIST. R/W

EXIST. R/W

HARDY P. WIMAN
DOROTHY (WF.)
(13)

+57.38
189.24'

S88°25'11"W 108.84

PROP. R/W & CONTROLLED ACCESS W/FENCE

PROP. C.A. & FENCE

+30.56
81.57'

+96.54
23.09'

N69°32'34"E

D/1.06

S38°36'59"E

PI 26+06.51

US 45/KY 58

JOE W. ADAMS
(15)

+55.67
56'

5+00

S24°53'04"E 65.21

+00
40'

+50
20'

S17°36'54"E 53.85

S1°40'58"E 156.49

PROP. R/W

+22.55
13.88'

+27.20
24.02'

R 58.03'

112.22

N20°17'10"W 73.49

107.43' LT. STA. 8+34.66
Cardinal Rd
End Controlled Access

+97
90.18'

+15.21
92.27'

+27.10
96.34'

+36.59
115'

R 195.00
LC 23.85 S0°40'52"W
L 23.86

R 195.00
LC 85.13 N5°31'30"W
L 86.44

+97
115.80'

S20°24'11"E 13.05

Temp. Esm't.

25+00

EXIST. R/W & CONTROLLED ACCESS (CONST. PROP. FENCE)

EXIST. R/W & EXIST. CONTROLLED ACCESS

+85.15
64.14'

+34.37
50'

+99.07
41.12'

PROP. R/W & CONTROLLED ACCESS W/FENCE

+17.80
74.96'

JOE W. ADAMS
(16)

Temp. Esm't.
Perm. Esm't.

CARDINAL RD

40' R/W

EXIST. R/W

S2°54'15"W 65.89

S4°11'08"W 269.51

S4°11'08"W

+16.82
25.72'

33.54

N30°44'56"E 35.90

+00
45'

+50
20'

88.50

+63.91
20.10'

+15.08
51.57'

56.60

81.33

R 195.00
LC 23.85 S0°40'52"W
L 23.86

28.87

116.29

82.93

S13°56'20"E 58.35

N13°56'20"W 58.58

Perm. Esm't.

Temp. Esm't.

+94.10
20'

+95.44
59.49'

+92.40
69.15'

+16.46
20'

S12°35'26"W 157.36

N12°35'26"E 163.29

Perm. Esm't.

Temp. Esm't.

+55.67
68'

+66.13
64.13'

+56.73
83.36'

+57.39
93.60'

N13°56'20"W 12.99

+66.80
79.53'

+67.22
89.80'

+38.69
73.59'

+31.27
64.34'

+25.18
150.13'

+31.05
151.50'

+29.85
166.42'

+56.38
190.06'

+87.74
48'

+61.31
160.98'

+71.17
164.99'

+65.75
193.85'

+10.70
59.52'

+27.73
78.83'

+29.19
68.99'

+05.29
78.78'

+14.15
66.90'

+24.15
165.08'

+08.68
187.30'

+01.52
216.35'

+04.56
214.54'

+02.29
223.84'

+22.86
227.39'

+20.36
236.48'

+84.37
288.75'

+87.54
280.57'

+09.16
310.77'

+02.66
326.45'

+93.46
350.38'

+96.46
342.35'

HARDY P. WIMAN
DOROTHY (WF.)
(17)

HOWARD S. LARUE
MILDRED LARUE

BEGIN CONST. @ 3+50

DONAL JONES
BARBARA (WF.)
(19)

DONAL JONES
BARBARA (WF.)

40' R/W

N88°36'18"E 135.99

S88°36'18"W 135.99

Perm. Esm't.

Temp. Esm't.

Perm. Esm't.

Temp. Esm't.

Perm. Esm't.

Temp. Esm't.

Perm. Esm't.

Temp. Esm't.

S1°35'02"W 358.02

S1°35'02"W 356.98

N88°24'58"W 20.00

20.03

20.03

PC 22+41.40

N27°19'W 223.93

CARDINAL ROAD
P.I. 6+92.84
DELTA = 42°48'07.60" Lt.
Ts = 137.17'
Lc = 261.46'
R = 350.00'
Es = 25.92'
Se = 8.0%
Runoff (In) = 155'
Runout (In) = 39'
Runoff (Out) = See Profile
V = 35 M.P.H.
PC 5+55.67
PT 8+17.14

RIGHT OF WAY PLANS

RIGHT OF WAY SHEET
CARDINAL ROAD
SCALE: 1" = 50'

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Cell Library: kytc.cel
Cell Names: sp
11/8/2012

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R37

RIGHT OF WAY PLANS

FLOOD EVALUATION DATA

RETURN INTERVAL (YRS.)	Q (CFS)	Hw ELEV. (FT.)
25	24.6	516.40
100	30.9	516.73

FLOOD EVALUATION DATA

RETURN INTERVAL (YRS.)	Q (CFS)	Hw ELEV. (FT.)
25	1.4	519.10
100	1.7	519.18

CARDINAL RD.

PROFILE
CARDINAL ROAD
SCALE: 1" = 5' VERT. 1" = 50' HORIZ.

PREPARED BY ______ DATE ______
CHECKED BY ______ DATE ______
APPROVED BY ______

Cell Library: kytc.cel
Cell Name: spf
08-MAY-2002 08:40

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R38

REVISED PLAN DATE: NOVEMBER 9, 2012

B.M. #36 RR SPIKE @ USTVA P.P. #26A
116' RT. STA. 13+28 MACEDONIA RD.
EL. 506.94

MITCOR, LLC (23)

MITCOR, LLC (8)

CITY OF MAYFIELD, KENTUCKY (25)

THOMAS W. PAYNE
JAMES P. PAYNE, JR. (22)

DON C. MASON
LANELLE MASON

COMPRESSOR DRIVE

MACEDONIA RD.

US 45/KY 58

MAYFIELD

PADUCAH AND LOUISVILLE RAILROAD

MATCHLINE STA. 22+00

END CONST. @ 11+20.60

STA. 39+77.82 US 45/ KY 58 =
10+00 MACEDONIA ROAD

CORPORATE LIMITS

PT 35+75.96

P1 18+30.38

CULTIVATED

SCALES

RIGHT OF WAY PLANS

△ CONTROL POINT #425
N= 1795416.2370
E= 786524.3319
EL. 515.83

△ CONTROL POINT #426
N= 1795346.6746
E= 787447.7605
EL. 517.84

SEE SHEET R39 FOR RIGHT OF WAY INFORMATION.

PLAN SHEET
MACEDONIA ROAD BEGIN TO STA. 22+00
SCALE: 1" = 50'

PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____

Cell Library: kytc.cel
Cell Name: sp
11/8/2012

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R39

REVISED PLAN DATE: NOVEMBER 9, 2012

MITCOR, LLC (23)

MITCOR, LLC (8)

CITY OF MAYFIELD, KENTUCKY (25)

PADUCAH AND LOUISVILLE RAILROAD

MAYFIELD CORP LIMITS
EXIST. R/W & C.A.

MAYFIELD CORPORATE LIMITS

MACEDONIA RD.

THOMAS W. PAYNE
JAMES P. PAYNE, JR. (22)

DON C. MASON
LANELLE MASON

POT 8+63.33

PROP. N47°15'33"E 386.52

EXIST. R/W

36' R/W

100' R.R. R/W

EXIST. R.R. R/W

END EXIST. CONTROL ACCESS

END CONST. @ 11+20.60

STA. 39+77.82 US 45/ KY 58 =
10+00 MACEDONIA ROAD

PI 18+30.38

MATCHLINE STA. 22+00

10+00 | 15+00 | 20+00 | 40+00

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Cell Library: kytc.cel
Cell Name: sp
11/8/2012

RIGHT OF WAY PLANS

RIGHT OF WAY SHEET
MACEDONIA ROAD BEGIN TO STA. 22+00
SCALE: 1" = 50'

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R40

REVISED PLAN DATE: FEBRUARY 26, 2007

RIGHT OF WAY PLANS

PREPARED BY ________ DATE
CHECKED BY ________ DATE
APPROVED BY ________

Cell Library: kytc.cel
Cell Name: spf
26-FEB-2007 09:55

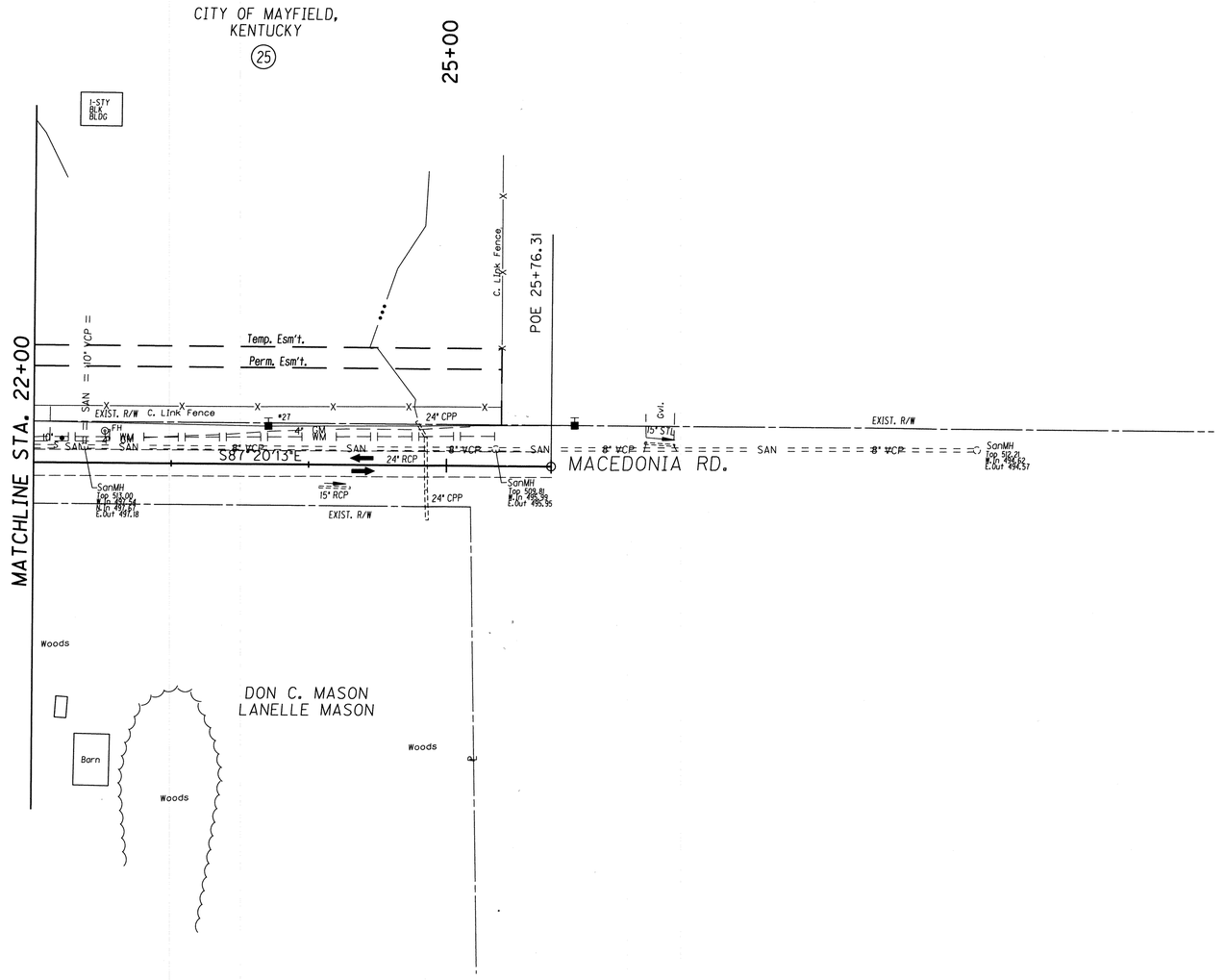
PROFILE
MACEDONIA ROAD BEGIN TO STA. 22+00
SCALE: 1" = 5' VERT. 1" = 50' HORIZ.

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R41

REVISED PLAN DATE: NOVEMBER 9, 2012

SEE SHEET R42 FOR RIGHT OF WAY INFORMATION.

RIGHT OF WAY PLANS



PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

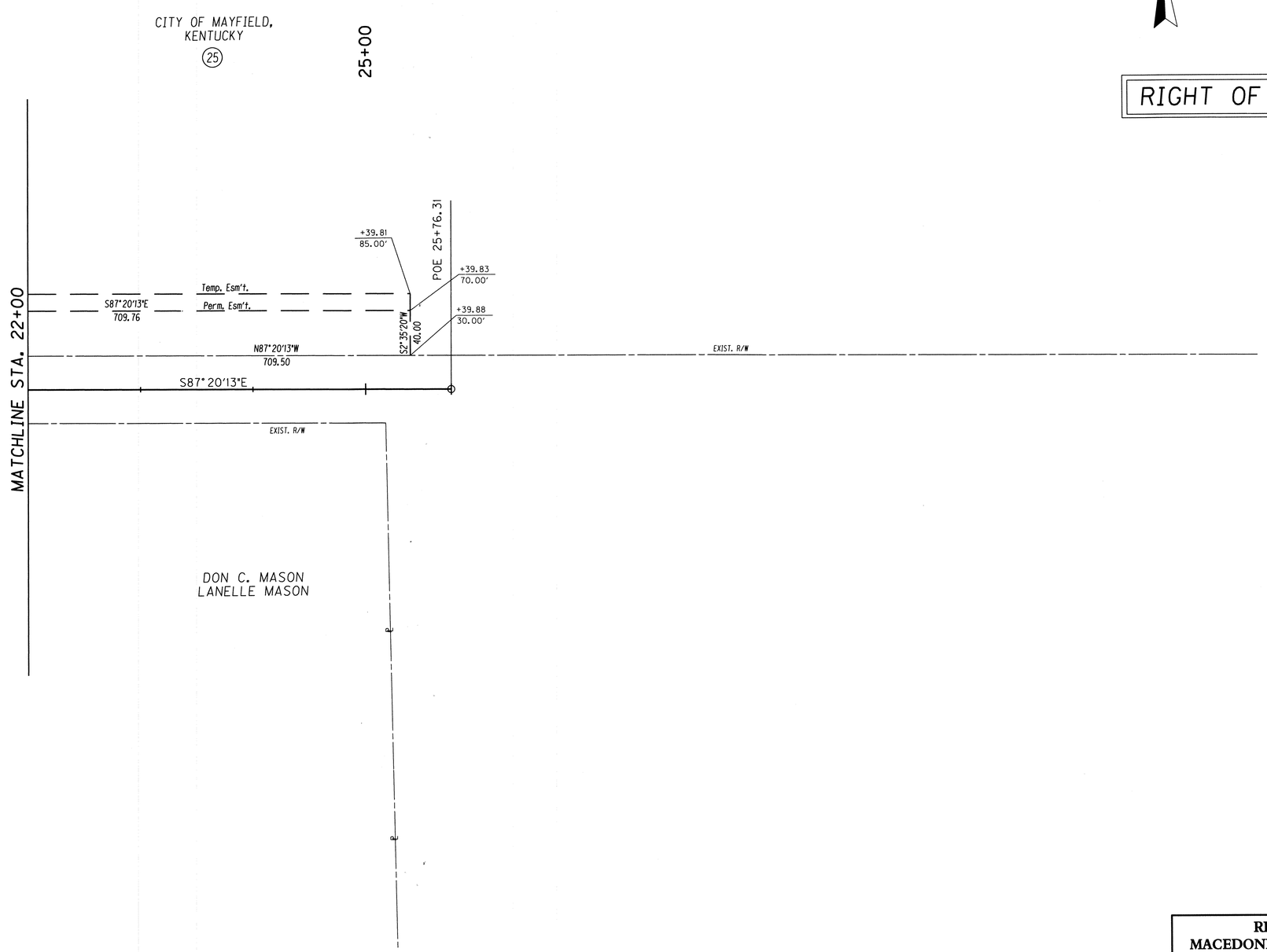
Cell Library: kytc.cel
Cell Name: sp
11/8/2012

PLAN SHEET
MACEDONIA ROAD STA 22+00 TO END
SCALE: 1" = 50'

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R42

REVISED PLAN DATE: NOVEMBER 9, 2012

RIGHT OF WAY PLANS



PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Cell Library: kytc.cel
Cell Name: sp
11/8/2012

RIGHT OF WAY SHEET
MACEDONIA ROAD STA 22+00 TO END
SCALE: 1" = 50'

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R43

REVISED PLAN DATE: FEBRUARY 26, 2007

RIGHT OF WAY PLANS

DATUM 550 545 540 535 530 525 520 515 510 505 500 495 490

EXIST. MACEDONIA RD. GRADE

EXIST. SAN M.H.

EXIST. SAN M.H.

50 WM

EXIST. 24" RCP

EXIST. 24" RCP

MACEDONIA ROAD

514.2 513.3 512.4 511.5 510.9 510.5 510.4 510.4 510.4

22+00 23+00 24+00 25+00 25+76

PROFILE
MACEDONIA ROAD STA 22+00 TO END
SCALE: 1" = 5' VERT. 1" = 50' HORIZ.

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____

Cell Library: kytc.cel
Cell Names: sb-f
26-FEB-2007 09:52

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R44

REVISED PLAN DATE: NOVEMBER 9, 2012

B.M. #39 RR SPIKE @ P.P. (NO NUMBER)
113.20' RT. STA.17+75 INGERSOLL RAND RD.
EL. 499.05

THOMAS W. PAYNE
JAMES P. PAYNE, JR.
(22)

BRANCH OF KESS CREEK

To Murray

STA. 17+10 CONST.
24 L.F. OF EDGE KEY

END CONST. @ 17+10

B.M. #39

WEST KENTUCKY
RURAL ELECTRIC
COOPERATIVE
CORPORATION
(20)

STA. 13+50 INGERSOLL RAND ROAD =
STA. 10+00 INGERSOLL RAND ACCESS RD.

INGERSOLL RAND ROAD
P.I. 13+94.46
DELTA = 80°46'52.48" Lt.
Ts = 280.76'
Lc = 465.27'
R = 330.00'
Es = 103.27'
Se = 4.9%
Runoff (In) = See Profile
Runoff (Out) = 90'
Runout (Out) = 37'
V = 20 M.P.H.

RT. 14+83 INGERSOLL RAND CONNECTOR
CONST. 45' ENTRANCE W/53
TONS OF DENSE GRADED AGGREGATE
229 SQ. YDS. OF PCC PAVEMENT-8
INCH NON-REINF AND 68' OF 15'
ENTRANCE PIPE W/2 15' TYPE 1 METAL
END SECTIONS.

INGERSOLL RAND ACCESS RD.
P.I. 10+99.60
DELTA = 50°09'29.35" Rt.
Ts = 46.80'
Lc = 87.54'
R = 100.00'
Es = 10.41'
Se = N. Crown

WEST KENTUCKY
RURAL ELECTRIC
COOPERATIVE
CORPORATION
(20)

END CONST. @ 12+00

375+00

370+00

STA. 371+75 MAINLINE =
STA. 10+00 INGERSOLL RAND RD.

15+00

10+00

Begin Controlled Access

End Controlled Access

Begin Controlled Access

End Controlled Access

PROP. R/W & CONTROLLED ACCESS

PROP. R/W

INGERSOLL RAND RD.

CULTIVATED

Gravel

Conc.

Asphalt

STORAGE

Barn

Pond

Woven Wire

Temp. Esm't.

△ CONTROL POINT #401
N= 1793715.7682
E= 785321.3165
EL. 512.81

PREPARED BY DATE
CHECKED BY DATE
APPROVED BY DATE

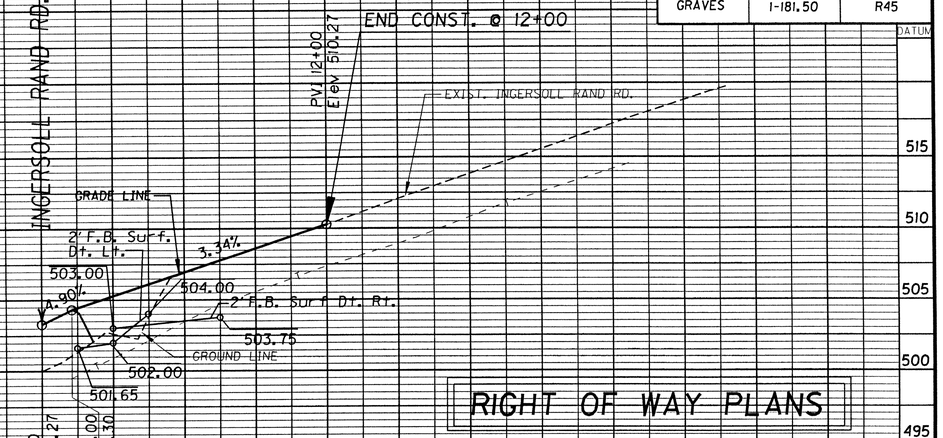
Cell Library: kytc.cel
Cell Name: sp
11/8/2012

RIGHT OF WAY PLANS

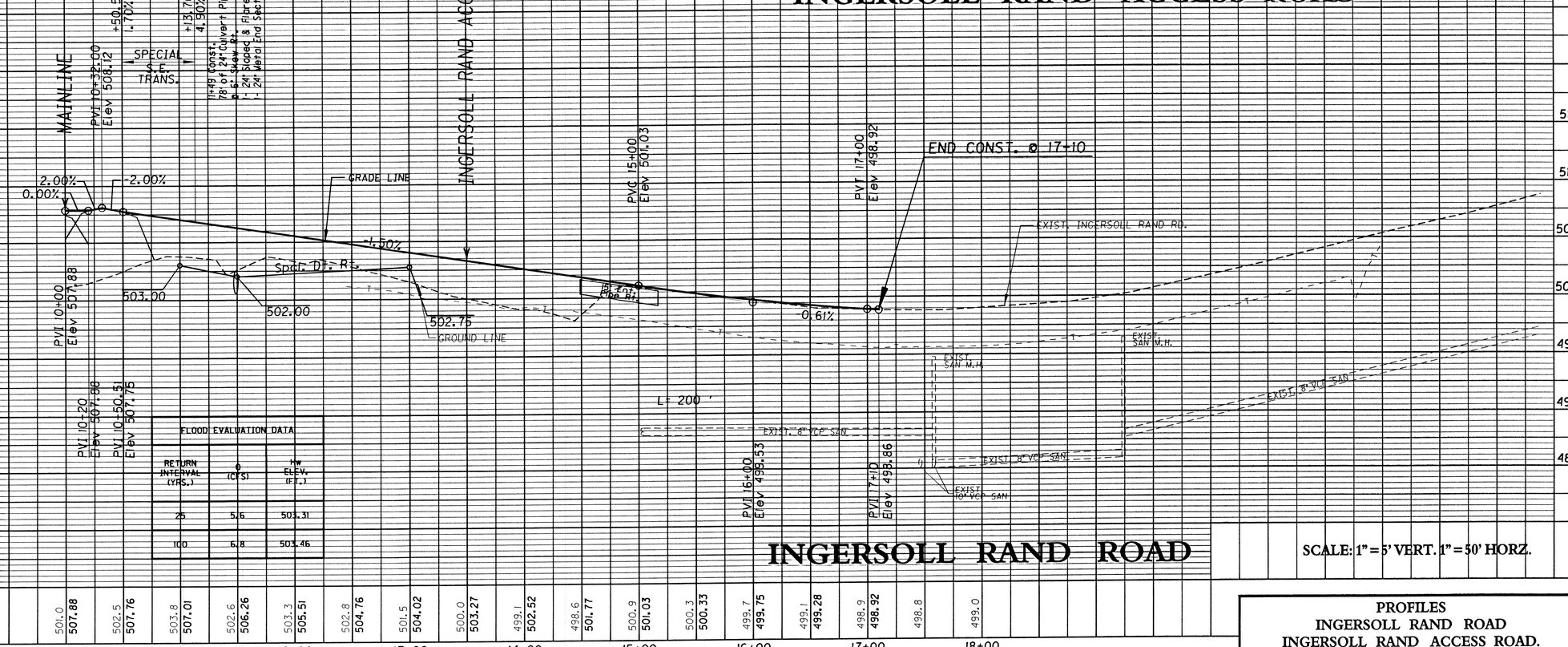
PLAN SHEET
INGERSOLL RAND ROAD
SCALE: 1" = 50'

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	I-181.50	R45

INGERSOLL RAND ACCESS ROAD



INGERSOLL RAND ROAD



FLOOD EVALUATION DATA		
RETURN INTERVAL (YRS.)	Q (CFS)	HW ELEV. (FT.)
25	5.6	503.31
100	6.8	503.46

SCALE: 1" = 5' VERT. 1" = 50' HORZ.

PROFILES
INGERSOLL RAND ROAD
INGERSOLL RAND ACCESS ROAD.

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____

Cell Library: kytc.cel
Cell Name: sd.f
08-MAY-2002 11:18

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R46

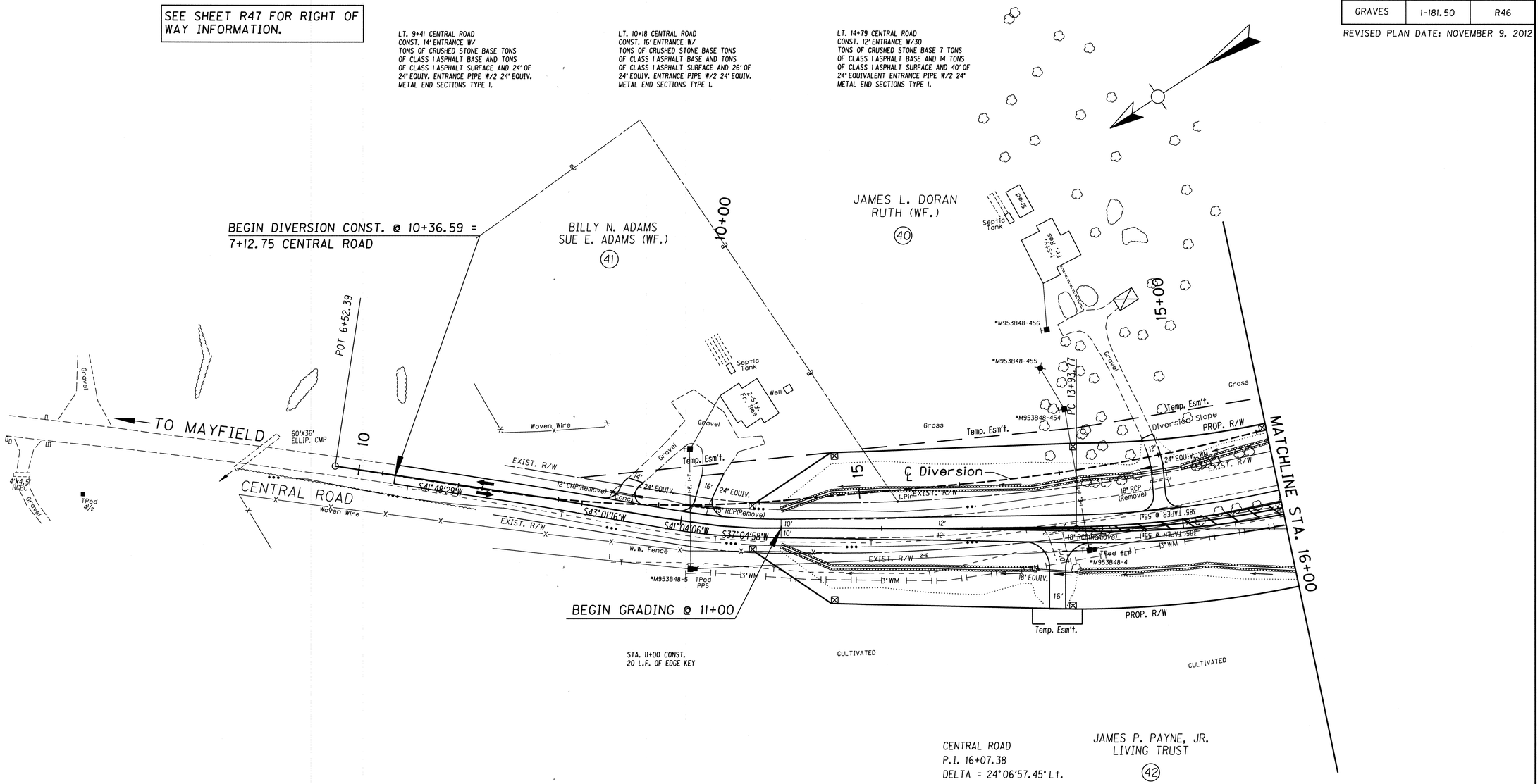
REVISED PLAN DATE: NOVEMBER 9, 2012

SEE SHEET R47 FOR RIGHT OF WAY INFORMATION.

LT. 9+41 CENTRAL ROAD
CONST. 14' ENTRANCE W/
TONS OF CRUSHED STONE BASE TONS
OF CLASS I ASPHALT BASE AND TONS
OF CLASS I ASPHALT SURFACE AND 24' OF
24" EQUIV. ENTRANCE PIPE W/2 24" EQUIV.
METAL END SECTIONS TYPE 1.

LT. 10+18 CENTRAL ROAD
CONST. 16' ENTRANCE W/
TONS OF CRUSHED STONE BASE TONS
OF CLASS I ASPHALT BASE AND TONS
OF CLASS I ASPHALT SURFACE AND 26' OF
24" EQUIV. ENTRANCE PIPE W/2 24" EQUIV.
METAL END SECTIONS TYPE 1.

LT. 14+79 CENTRAL ROAD
CONST. 12' ENTRANCE W/30
TONS OF CRUSHED STONE BASE 7 TONS
OF CLASS I ASPHALT BASE AND 14 TONS
OF CLASS I ASPHALT SURFACE AND 40' OF
24" EQUIVALENT ENTRANCE PIPE W/2 24"
METAL END SECTIONS TYPE 1.



CENTRAL ROAD
P.I. 16+07.38
DELTA = 24°06'57.45" Lt.
Ts = 213.61'
Lc = 420.90'
R = 1000.00'
Es = 22.56'
Se = 8.0%
Runoff (In) = 204'
Runout (In) = 51'
Runoff (Out) = See Profile
V = 55 M.P.H.

RT. 13+75 CENTRAL ROAD
CONST. 16' ENTRANCE W/34 TONS
OF CRUSHED STONE BASE 8 TONS
OF CLASS I ASPHALT BASE AND 16 TONS
OF CLASS I ASPHALT SURFACE AND 36' OF
18" EQUIVALENT ENTRANCE PIPE W/2 18"
METAL END SECTIONS TYPE 1.

RIGHT OF WAY PLANS

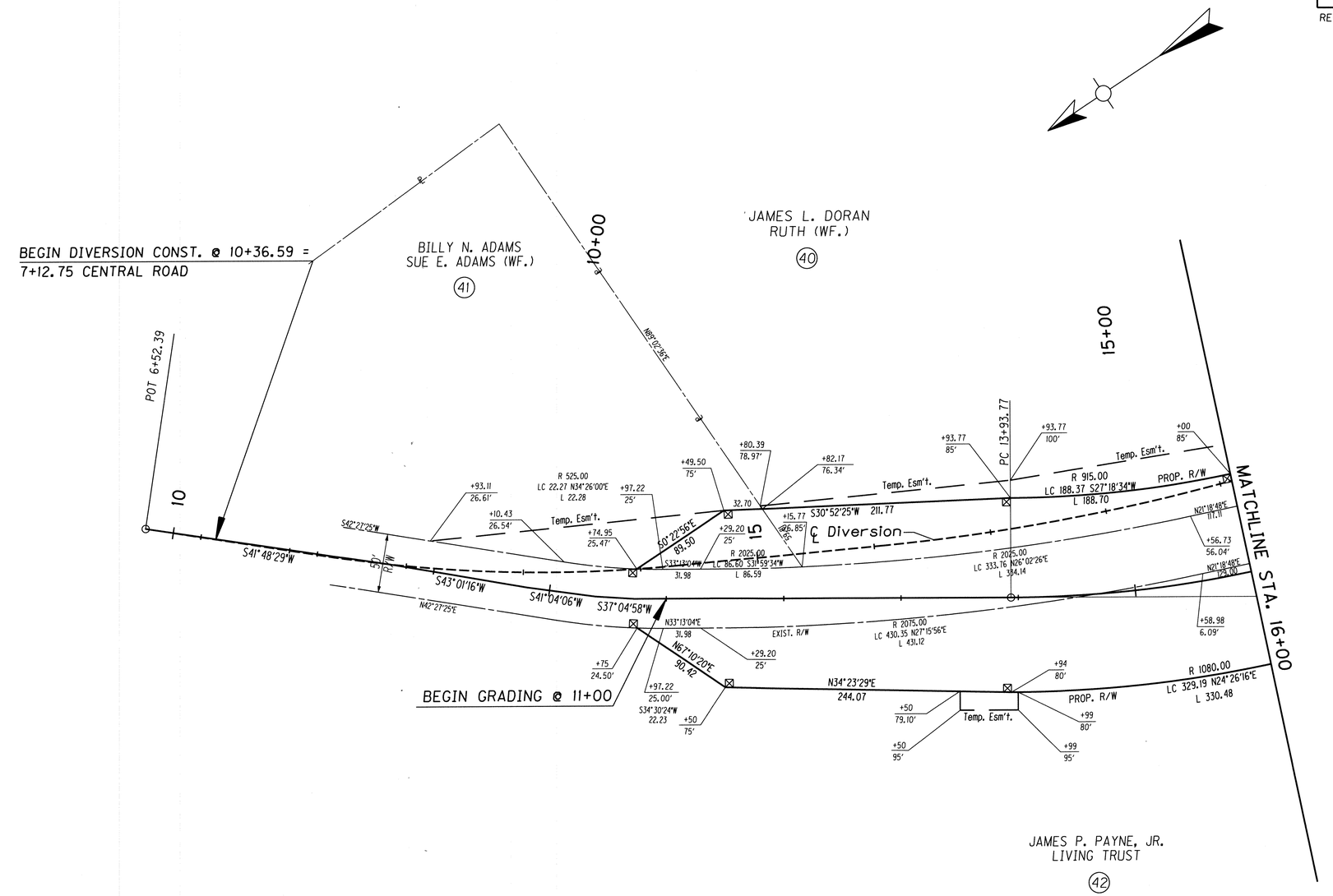
PLAN SHEET
CENTRAL RD. BEG. TO STA 16+00
SCALE: 1"=50'

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Cell Library: kytc.cel
Cell Name: sp
11/8/2012

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R47

REVISED PLAN DATE: NOVEMBER 9, 2012



PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Cell Library: kytc.cel
Cell Name: sp
11/8/2012

RIGHT OF WAY PLANS

RIGHT OF WAY SHEET
CENTRAL RD. BEG. TO STA 16+00
SCALE: 1" = 50'

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R48

DATUM

540 535 530 525 520 515 510 505 500 495 490 485 480 475 470

BEGIN GRADING @ 11+00

BEGIN DIVERSION CONST. @ 10+36.59 = 7+12.75 CENTRAL ROAD

PVC 11+00
Elev 497.20

24" EQUIV.

24" EQUIV.

EXIST. CENTRAL RD. GRADE

GRADE LINE

GROUND LINE

L= 400 '
SD= 559 '

PVI 13+00
Elev 499.75

13+45
498.47

498.87

18" Equiv. Entr. Pipe RD

2' F.B. Spcl. Dt.

2' F.B. Spcl. Dt. L.T.

24" Equiv. Entr. Pipe LT

15+19
508.10

508.37

2' F.B. Spcl. Dt. L.T.

50.00

499.00

PVT 15+00
Elev 508.86

PVC 15+50
Elev 511.14

LOW WIRE
Elev 519.46
Elev 535.46

RIGHT OF WAY PLANS

CENTRAL RD.

	6+00	7+00	8+00	9+00	10+00	11+00	12+00	13+00	14+00	15+00	16+00
		492.0	492.3	492.7	493.1	493.8	494.7	495.8	496.7	497.2	497.6
										497.20	**497.94**
											498.0
											498.89
											498.6
											500.04
											499.3
											501.39
											499.6
											502.95
											498.9
											504.71
											501.3
											506.68
											504.1
											508.86
											506.8
											511.14
											506.2
											513.29

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____

Cell Library: kytc.cel
Cell Name: SP1
08-MAY-2002 09:24

PROFILE
CENTRAL RD. BEG. TO STA. 16+00
SCALE: 1" = 5' VERT. 1" = 50' HORIZ.

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R49

REVISED PLAN DATE: NOVEMBER 9, 2012

LT. 16+46 CENTRAL ROAD
CONST. 22' ACCESS ROAD W/129
OF CRUSHED STONE BASE 31 TONS
OF CLASS I ASPHALT BASE AND 62 TONS
OF CLASS I ASPHALT SURFACE AND 64' OF
18" CULVERT PIPE W/2 18" METAL END
SECTIONS TYPE1.

RT. 7+93 ACCESS ROAD
CONST. 12' ENTRANCE W/
TONS OF CRUSHED STONE BASE TONS
OF CLASS I ASPHALT BASE AND TONS
OF CLASS I ASPHALT SURFACE.

RT. 8+86 ACCESS ROAD
CONST. 12' ENTRANCE W/
TONS OF CRUSHED STONE BASE TONS
OF CLASS I ASPHALT BASE AND TONS
OF CLASS I ASPHALT SURFACE.

△ CONTROL POINT #410
N= 1790608.7714
E= 790785.7843
EL. 521.56

SEE SHEET R50 FOR RIGHT OF WAY INFORMATION.

ACCESS RD LT 16+46
CENTRAL ROAD
P.I. 7+48.70
DELTA = 89°59'42.20" Right
Ts = 25.00'
R = 25.00'
Lc = 39.27'
Es = 10.35'
PC 7+23.70
PT 7+62.97

ACCESS RD LT 16+46
CENTRAL ROAD
P.I. 8+97.06
DELTA = 85°21'50.01" Left
Ts = 46.11'
R = 50.00'
Lc = 74.49'
Es = 18.02'
PC 8+50.95
PT 9+25.45

B.M. #45 RR SPIKE @ L.P. #M953B4832
159.05' LT. STA. 436+66.22 MAINLINE
EL. 516.34

CENTRAL ROAD
P.I. 23+50.53
DELTA = 6°47'40.87" Lt.
Ts = 118.73'
Lc = 237.18'
R = 2000.00'
Es = 3.52'
Se = 5.9%
Runoff (In) = See Profile
Runoff (Out) = 151'
Runout (Out) = 51'
V = 55 M.P.H.

RIGHT OF WAY PLANS

LT. 23+11 CENTRAL ROAD
CONST. 14' ENTRANCE W/
TONS OF CRUSHED STONE BASE TONS
OF CLASS I ASPHALT BASE AND TONS
OF CLASS I ASPHALT SURFACE AND 44' OF
15" ENTRANCE PIPE W/2 15" METAL END
SECTIONS TYPE 1.

LT. 26+71 CENTRAL ROAD
CONST. 12' ENTRANCE W/28
TONS OF CRUSHED STONE BASE 7 TONS
OF CLASS I ASPHALT BASE AND 13 TONS
OF CLASS I ASPHALT SURFACE AND 36' OF
15" ENTRANCE PIPE W/2 15" METAL END
SECTIONS TYPE 1.

STA. 27+50 CONST.
20 L.F. OF EDGE KEY

STA. 12+25 CONST.
20 L.F. OF EDGE KEY

FOR PROFILE OF ACCESS RD. LT. 16+46
CENTRAL RD., SEE SHEET R51.

FOR PROFILE OF OLD DUKEDOM
ROAD, SEE SHEET R51.

RT. 16+46 CENTRAL ROAD
CONST. 16' ENTRANCE W/101
TONS OF CRUSHED STONE BASE 24 TONS
OF CLASS I ASPHALT BASE AND 49 TONS
OF CLASS I ASPHALT SURFACE AND 68' OF
15" ENTRANCE PIPE W/2 15" METAL
END SECTIONS TYPE 1.

CENTRAL ROAD
P.I. 16+07.38
DELTA = 24°06'57.45" Lt.
Ts = 213.61'
Lc = 420.90'
R = 1000.00'
Es = 22.56'
Se = 8.0%
Runoff (In) = 204'
Runout (In) = 51'
Runoff (Out) = See Profile
V = 55 M.P.H.

RT. 23+11 CENTRAL ROAD
CONST. 14' ENTRANCE W/30
TONS OF CRUSHED STONE BASE 7 TONS
OF CLASS I ASPHALT BASE AND 15 TONS
OF CLASS I ASPHALT SURFACE AND 44' OF
15" ENTRANCE PIPE W/2 15" METAL END
SECTIONS TYPE 1.

RT. 11+28 OLD DUKEDOM RD.
CONST. 12' ENTRANCE W/18
TONS OF CRUSHED STONE BASE 4 TONS
OF CLASS I ASPHALT BASE AND 9 TONS
OF CLASS I ASPHALT SURFACE AND 36' OF
18" EQUIVALENT ENTRANCE PIPE W/2 18"
METAL END SECTIONS TYPE 1.

△ CONTROL POINT #409
N= 1790658.4130
E= 790176.4840
EL. 521.98

△ GPS MON BLA 101
N= 1790484.1550
E= 790267.4290
EL. 518.75

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

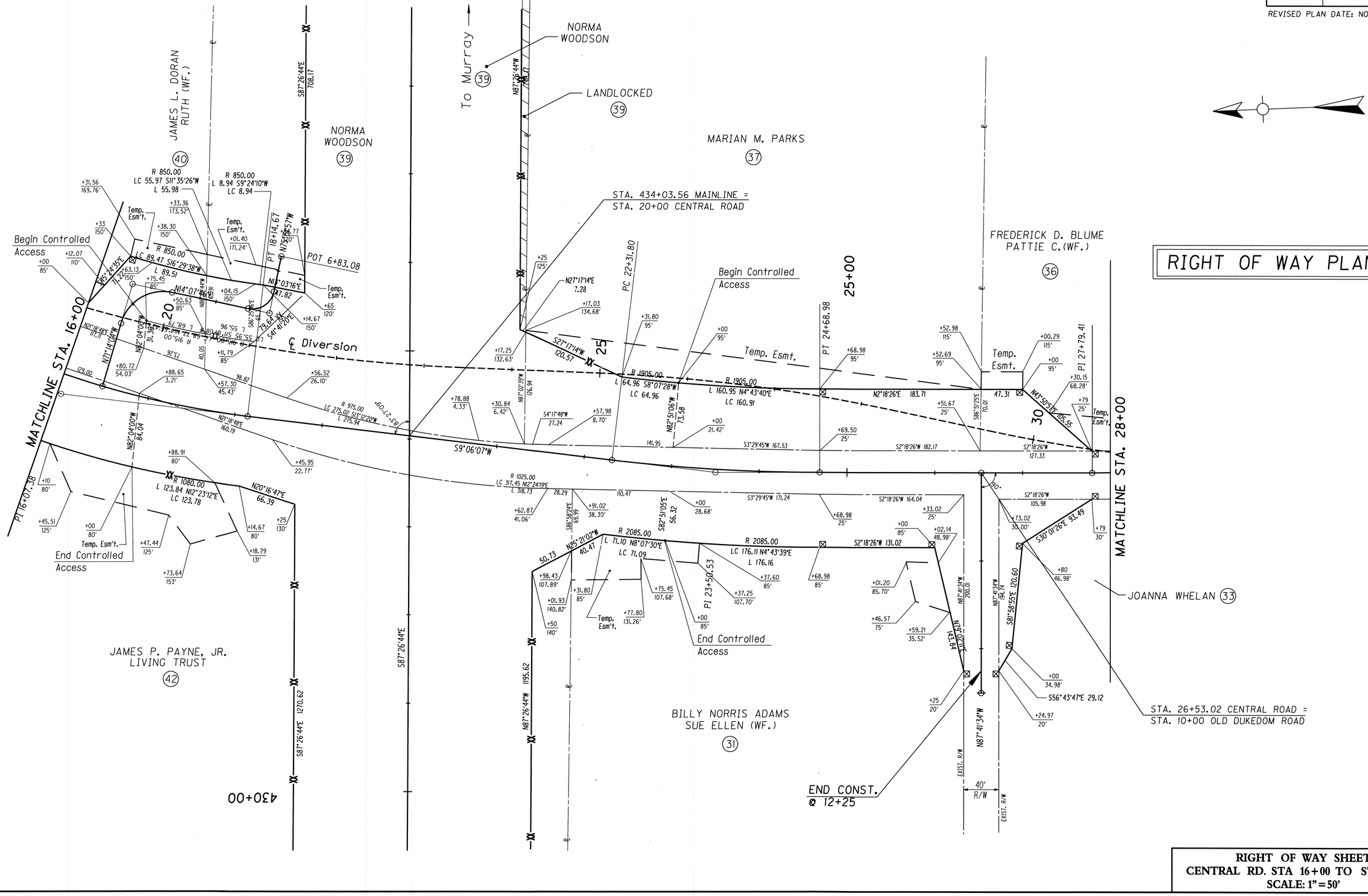
Cell Library: kytc.cel
Cell Name: sp
11/8/2012

PLAN SHEET
CENTRAL RD. STA 16+00 TO STA 28+00
SCALE: 1" = 50'

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R50

REVISED PLAN DATE: NOVEMBER 9, 2012

RIGHT OF WAY PLANS



PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Cell Library: kytc.cel
Cell Name: sp
11/8/2012

RIGHT OF WAY SHEET
CENTRAL RD. STA 16+00 TO STA 28+00
SCALE: 1" = 50'

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R51

ACCESS ROAD LT. 16+46 CENTRAL ROAD

BEGIN CONST. @ 7+18.50

P.V.I. 7+18.50
Elev 511.92
P.V.C. 7+30
Elev 511.45
7+72 Const.
28"ø 18' Equiv. CMP. Pipe
0° Skew
2-18" Equiv. Metal End Section Type 3
LOW WIRE
ELEV. 538.30
I.E. 18"

P.V.I. 7+60
Elev 510.21
L= 60.00 FT
SD= 99 F

P.V.T. 7+90
Elev 510.58
8+76 Const.
46"ø 18' Culvert Pipe
0° Skew
2-18" Metal End Section Type 3

9+18 Const.
76"ø 18' Culvert Pipe
0° Skew
2-18" Metal End Section Type 3

P.V.I. 9+73
Elev 512.88
P.V.I. 10+00
Elev 515.04

1.25%
GRADE LINE
GROUND LINE

FLOOD EVALUATION DATA		
RETURN INTERVAL (YRS.)	Q (CFS)	HW ELEV. (FT.)
25	0.27	507.79
100	0.33	507.82

FLOOD EVALUATION DATA		
RETURN INTERVAL (YRS.)	Q (CFS)	HW ELEV. (FT.)
25	1.3	506.66
100	1.6	506.73

FLOOD EVALUATION DATA		
RETURN INTERVAL (YRS.)	Q (CFS)	HW ELEV. (FT.)
25	8.6	508.49
100	10.7	508.97

	6+00	7+00	8+00	9+00	10+00
	513.0	510.4	508.5	507.0	506.5
		510.80	510.71	511.34	511.96	502.3	515.04
					512.59	

P.V.I. 17+50
Elev 520.25
+64.00
8.06% LT.

SPECIAL S.E. TRANS.

P.V.I. 19+55.27
Elev 521.27
P.V.I. 19+79.87
Elev 521.29
+55.71
0.52% LT.
0.522 LT.

P.V.I. 20+20.13
Elev 521.31
P.V.I. 20+44.29
Elev 521.33
+24.16
0.522 LT.

MAIN LINE

2+50 Const.
78"ø of 18" Culvert Pipe
0° Skew
2-18" Metal End Section Type 4

SPECIAL S.E. TRANS.

+31.80
5.90% LT.

P.V.I. 24+00
Elev 520.22

L= 400 '
SD= 362 '

L= 500 '
SD= 419 '

GRADE LINE

0.50%
0.06%
0.06%
-0.81%

515.25
513.00
514.13
516.00
516.27
510.00
509.75
505.50
505.00
508.00
508.50
Pipe Ent.
2' F.B. Surf. Dt. Rt.
2' F.B. Surf. Dt. Lt.
2' F.B. Surf. Lt.
Pipe Ent.
Pipe Ent.
Pipe Ent.
Pipe Ent.
2' F.B. Spcl. Dt. Rt.
2' F.B. Spcl. Dt. Lt.
518.18
518.00
516.00
518.57
516.49
515.71
518.40
516.95
514.26
515.89
513.30
514.84
512.96
512.15
511.11
510.98
509.93
508.85
508.30
505.75
504.50
2' F.B. Spcl. Dt. Lt. & Rt.
EXIST. S-WATER
EXIST. U.G. TELE.
EXIST. CENTRAL RD. GRADE
GROUND LINE

PVT 19+50
Elev 521.25
PVC 21+50
Elev 521.00
PVT 26+50
Elev 509.95
PVI 27+50
Elev 505.84

FLOOD EVALUATION DATA		
RETURN INTERVAL (YRS.)	Q (CFS)	HW ELEV. (FT.)
25	2.5	518.93
100	3.1	519.05

END GRADING @ 27+50
1 1/4" SURFACE OVERLAY

CENTRAL RD.

	16+00	17+00	18+00	19+00	20+00	21+00	22+00	23+00	24+00	25+00	26+00	27+00	28+00
	506.2	508.8	509.8	508.3	508.7	510.5	511.7	511.9	513.6	516.4	518.2	519.5	521.7	523.9	523.6	522.2	520.6	518.7	517.1	515.6	513.8	511.0	508.1	505.8	503.9
	513.29	515.18	516.83	518.22	519.35	520.24	520.87	521.25	521.30	521.31	521.15	521.00	520.75	520.30	519.67	518.85	517.84	516.65	515.26	513.68	511.91	509.95	507.90	505.84	

OLD DUKEDOM RD.

CENTRAL ROAD

EXIST. OLD DUKEDOM GRADE
L= 100 '
SD= 541 '
-1.29%
-0.31%
GRADE LINE
508.0
508.75
507.75
507.5
507.30
506.75
507.02
Spcl. Dt. Lt.
Spcl. Dt. Rt.
EXIST. S-WATER
EXIST. U.G. TELE.

PVI 10+00
Elev 509.83
PVI 10+13.58
Elev 509.65
PVC 11+25
Elev 509.31
PVT 12+25
Elev 508.32
PVI 11+75
Elev 509.15
END CONST. @ 12+25

	10+00	11+00	12+00	13+00
	510.8	512.0	511.2	510.0	508.9	507.8
	509.83	509.54	509.38	509.19	508.69	508.32

RIGHT OF WAY PLANS

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Cell Library: kytc.cel
Cell Name: spf
11/14/2012

PROFILES
ACCESS RD. LT. 16+46 CENTRAL RD.
OLD DUKEDOM RD.
CENTRAL RD. STA. 16+00 TO 28+00
SCALE: 1" = 5' VERT. 1" = 50' HORIZ.

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R52

CENTRAL ROAD
P.I. 23+50.53
DELTA = 6°47'40.87" Lt.
Ts = 118.73'
Lc = 237.18'
R = 2000.00'
Es = 3.52'
Se = 5.9%
Runoff (In) = See Profile
Runoff (Out) = 151'
Runout (Out) = 51'
V = 55 M.P.H.

LT. 30+18 CENTRAL ROAD
CONST. 14' ENTRANCE W/. TONS OF CRUSHED STONE BASE TONS OF CLASS I ASPHALT BASE AND TONS OF CLASS I ASHPALT SURFACE AND 20' OF 15" ENTRANCE PIPE W/2 15" METAL END SECTIONS TYPE 1.

END DIVERSION CONST. @ 34+90 = 32+00 CENTRAL ROAD

RIGHT OF WAY PLANS

MATCHLINE STA. 28+00

FREDERICK D. BLUME
PATTIE C.(WF.)
(36)

FREDERICK D. BLUME
PATTIE C.(Wf.)

JOANNA WHELAN
(33)

DWAYNE P. HOLMES
WENDY L. (Wf.)

JAMES C. ELLIOTT
LAVINA L. (Wf.)

POT 32+29.72
+45.12
28.43' Rt
Temp. Esm't.
℄ Diversion
Diversion Slope
S1°23'28"W
60" Equivalent CMP
*M953B46
*M953B465
1 Pin
Woven Wire
Gravel
Conc.
Grass
Woods
Shed
Garage
Well
Septic Tank
1-Sty. Br. Res
1-Sty. Fr. Res
Mfl. Barn
Tped
1/2" RDP
14" WM
OWM

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Cell Library: kytc.cel
Cell Name: sp
08-MAY-2002 09:17

PLAN SHEET
CENTRAL RD. STA 28+00 TO END
SCALE: 1"=50'

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R53

DATUM

END DIVERSION CONST. @ 34+90 =
32+00 CENTRAL ROAD

EXIST. CENTRAL RD. GRADE

PROP. CENTRAL RD. GRADE

530
525
520
515
510
505
500
495
490

503.9 501.9 500.4 499.3 498.4 497.4 496.3 496.3 496.7

28+00 29+00 30+00 31+00 32+00 33+00

DATUM

RIGHT OF WAY PLANS

CENTRAL RD.

PROFILE
CENTRAL RD. STA. 28+00 TO END
SCALE: 1" = 5' VERT. 1" = 50' HORIZ.

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____

Cell Library: kytc.cel
Cell Name: SDF
08-MAY-2002 09:27

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R54

7365+00

7370+00

7375+00

MATCHLINE STA. 7380+00

41.31' RT. 7+00.00 U.S. 45/ KY 58=
49.91' LT. 79+09.40 R.R. SURVEY=
49.94' LT. 7370+41.31 R.R. VALUATION

69.91' RT. 8+00.00 U.S. 45/ KY 58=
21.31' LT. 80+09.40 R.R. SURVEY=
21.31' LT. 7371+41.31 R.R. VALUATION

47.43' RT. 15+66.40 U.S. 45/ KY 45=
49.87' LT. 87+80.25 R.R. SURVEY=
49.87' LT. 7379+12.16 R.R. VALUATION

43.52' RT. 15+18.37 U.S. 45/ KY 58=
49.87' LT. 87+30.25 R.R. SURVEY=
49.87' LT. 7378+62.16 R.R. VALUATION

70.00' RT. 14+00.00 U.S. 45/ KY 58=
21.29' LT. 86+09.40 R.R. SURVEY=
21.29' LT. 7377+41.31 R.R. VALUATION

67.48' RT. 15+17.05 U.S. 45/ KY 58=
25.87' LT. 87+30.25 R.R. SURVEY=
25.87' LT. 7378+62.16 R.R. VALUATION

71.31' RT. 15+64.18 U.S. 45/ KY 58=
25.87' LT. 87+80.26 R.R. SURVEY=
25.87' LT. 7379+12.16 R.R. VALUATION

80.19' RT. 16+00.00 U.S. 45/ KY 58=
21.28' LT. 88+19.08 R.R. SURVEY=
21.28' LT. 7379+50.99 R.R. VALUATION

Woven Wire

Block Column

Block Column

Asphalt Surface

U.S. 45/ KY 58

20'

12'

12'

N47°15'12"E

U.S. 457 KY 58

Gravel

Grass

24'

Grass

U.S. 45/ KY 58

EXIST. R.R. R/W

R.R. R/W

100

Temp. Esm't.

Temp. Esm't.

Temp. Esm't.

Perm. Drainage Easement

N47°15'42"E
50.00

N42°44'44"W
24.00

EXIST. R.R. R/W

S42°44'44"E
24.00

50.00
S47°15'42"W

PADUCAH AND LOUISVILLE RAILROAD

N47°15'33"E

(11)

PADUCAH AND LOUISVILLE RAILROAD

EXIST. R.R. R/W

EXIST. R.R. R/W

4"GM

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____

Cell Library: kytc.cel
Cell Names: spp
08-MAY-2002 13:57

DATUM

520

515

510

505

500

Top of Rail
P & L Railroad

RIGHT OF WAY PLANS

SCALE 1"=50' HORIZ. 1"=5' VERT.

DETAIL SHEET
VALUATION LAYOUT
P & L R.R.@ MAINLINE

7365+00

7370+00

7375+00

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R55

59.12' RT. 16+50.00 U.S. 45/ KY 58=
49.86' LT. 88+68.32 R.R. SURVEY=
49.86' LT. 7380+00.23 R.R. VALUATION

168.73' RT. 363+13.18 KY 80=
49.33' LT. 98+27.00 R.R. SURVEY=
49.33' LT. 7389+58.91 R.R. VALUATION

362+51.09 KY 80=
100+00.00 R.R. SURVEY=
7391+31.91 R.R. VALUATION

140.00' LT. 360+84.80 KY 80=
49.42' LT. 102+11.12 R.R. SURVEY=
49.42' LT. 7393+43.03 R.R. VALUATION

100.35' RT. 32+08.94 U.S. 45/ KY 58=
50.02' LT. 103+29.97 R.R. SURVEY=
50.02' LT. 7394+61.88 R.R. VALUATION

MATCHLINE STA. 7380+00

MATCHLINE STA. 7395+00

18+00

7385+00

7390+00

361+00

364+00

31+00

U.S. 45/ KY 58

KY 80

PADUCAH AND LOUISVILLE RAILROAD

EXIST. R.R. R/W

100' R.R. R/W

N47°15'33"E

N47°14'41"E 384.13

S47°14'41"W 334.29

S7°40'58"E

Motion Sensor

Elec. Box

Asphalt Surface

Grass

Gravel

Septic Tank

Septic Field

Perm. Esmt.

Temp. Esmt.

Permanent Easement

Temporary Easement

PROP. R/W & CONTROLLED ACCESS

MAINLINE
P.I. 353+27.49
DELTA = 8°59'32.67" Lt.
Ts = 1290.01'
Lc = 2574.72'
R = 16405.00'
Es = 50.64'
Se = N. Crown
Runoff = None
Runout = None
V = 60 M.P.H.

130.00' RT. 364+07.50 U.S. 45/ KY 58=
50.47' RT. 98+02.49 R.R. SURVEY=
50.47' RT. 7389+34.40 R.R. VALUATION

140.00' LT. 362+10.33 KY 80=
50.38' RT. 101+36.78 R.R. SURVEY=
50.38' RT. 7392+68.69 R.R. VALUATION

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Cell Library: kytc.cel
Cell Name: spp
08-MAY-2002 13:55

DATUM

520

515

Top of Rail
P & L Railroad

EXIST. TELE.

7380+00

7385+00

7390+00

RIGHT OF WAY PLANS

SCALE 1"=50' HORIZ. 1"=5' VERT.

DETAIL SHEET
VALUATION LAYOUT
P & L R.R.@ MAINLINE

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R56

REVISED PLAN DATE: FEBRUARY 26, 2006

77.50' RT. 35+75.96 U.S. 45/ KY 58
12.52' LT. 107+21.51 R.R. SURVEY
12.52' LT. 7398+53.42 R.R. VALUATION

40.00' RT. 35+75.96 U.S. 45/ KY 58
50.02' LT. 107+21.51 R.R SURVEY
50.02' LT. 7398+53.42 R.R. VALUATION

40.00' RT. 39+40.00 U.S. 45/ KY 58
50.02' LT. 110+85.55 R.R. SURVEY
50.02' LT. 7402+17.46 R.R. VALUATION

40.00' RT. 42+35.00 U.S. 45/ KY 58
50.02' LT. 113+80.55 R.R SURVEY
50.02' LT. 7405+12.46 R.R VALUATION

44.49' RT. 34+74.05 U.S. 45/ KY 58
50.02' LT. 106+15.96 R.R. SURVEY
50.02' LT. 7397+47.86 R.R. VALUATION

40.00' RT. 41+10.00 U.S. 45/ KY 58
50.02' LT. 112+55.55 R.R. SURVEY
50.02' LT. 7403+87.46 R.R VALUATION

40.00' RT. 42+85.00 U.S. 45/ KY 58
50.02' LT. 114+30.55 R.R. SURVEY
50.02' LT. 7405+62.46 R.R. VALUATION

51.00' RT. 34+16.68 U.S. 45/ KY 58
50.02' LT. 105+55.96 R.R. SURVEY
50.02' LT. 7396+87.87 R.R. VALUATION

65.00' RT. 42+00.00 U.S. 45/ KY 58
25.02' LT. 113+45.55 R.R. SURVEY
25.02' LT. 7404+77.46 R.R. VALUATION

40.00' RT. 45+00.00 U.S. 45/ KY 58
50.02' LT. 116+45.55 R.R. SURVEY
50.02' LT. 7407+77.46 R.R. VALUATION

7400+00

7405+00

MATCHLINE STA. 7395+00

U.S. 45/ KY 58

Permanent Drainage Easement

Temporary Easement

PADUCAH AND LOUISVILLE RAILROAD

MAYFIELD CORPORATE LIMITS

Permanent Easement

Temporary Easement

Temp. Esm't.

Perm. Esm't.

Church

Grass

Conc.

Church Sign

PROP. R/W

EXIST. R.R. R/W

Steel Posts

To Mayfield

Spur

D. Roll Block

Vert. Pipe

Elec. Box

J.Box

R.R. Signal

R.R. Mile Marker #250

Sign

C. Link Fence

EXIST. R/W

MACEDONIA RD.

69.39' RT. 34+76.16 U.S. 45/ KY 58
25.02' LT. 106+16.07 R.R. SURVEY
25.02' LT. 7397+47.97 R.R. VALUATION

STA. 7400+94.00 =
R.R. MILE MARKER #250

77.50' RT. 39+90.88 U.S. 45/ KY 58
12.52' LT. 111+36.44 R.R. SURVEY
12.52' LT. 7402+68.35 R.R. VALUATION

140.41' RT. 41+96.91 U.S. 45/ KY 58
50.39' RT. 113+42.46 R.R SURVEY
50.39' RT. 7404+74.37 R.R VALUATION

65.00' RT. 44+00.00 U.S. 45/ KY 58
25.02' LT. 115+45.55 R.R. SURVEY
25.02' LT. 7406+77.46 R.R. VALUATION

65.00' RT. 42+85.00 U.S. 45/ KY 58
25.02' LT. 114+30.55 R.R. SURVEY
25.02' LT. 7405+62.46 R.R. VALUATION

65.00' RT. 42+35.00 U.S. 45/ KY 58
25.02' LT. 113+80.55 R.R. SURVEY
25.02' LT. 7405+12.46 R.R. VALUATION

75.77' RT. 34+19.90 U.S. 45/ KY 58
25.02' LT. 105+56.07 R.R. SURVEY
25.02' LT. 7396+87.98 R.R. VALUATION

112.26' RT. 32+99.16 U.S. 45/ KY 58
12.52' LT. 104+21.49 R.R. SURVEY
12.52' LT. 7395+53.40 R.R. VALUATION

11+27.55 MACEDONIA RD.
112+13.73 R.R. SURVEY
7403+45.64 R.R. VALUATION

140.41' RT. 40+76.24 U.S. 45/ KY 58
50.39' RT. 112+21.80 R.R. SURVEY
50.39' RT. 7403+53.71 R.R. VALUATION

140.41' RT. 42+14.54 U.S. 45/ KY 58
50.39' RT. 113+60.09 R.R. SURVEY
50.39' RT. 7404+92.00 R.R. VALUATION

PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____

Cell Library: kytc.cel
Cell Name: SDD
26-FEB-2007 09:50

DATUM

520

515

510

505

Top of Rail
P & L Railroad

MACEDONIA RD.

EXIST. TELE.

EXIST. 12" WATER

EXIST. 4" GAS

EXIST. 8" VCP SAN

7395+00

7400+00

7405+00

RIGHT OF WAY PLANS

SCALE 1"=50' HORIZ. 1"=5' VERT.

DETAIL SHEET
RAILROAD VALUATION LAYOUT
P & L R.R.@ RELOC. MACEDONIA RD.

RIGHT OF WAY SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R57

REVISED PLAN DATE: NOVEMBER 9, 2012

PARCEL NO.	NAME	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				HAZARDOUS WASTE	REMARKS
									LEFT		RIGHT														
		ACRES	SQ. FT.	ACRES	SQ. FT.	PERMANENT SQ. FT.	TEMPORARY SQ. FT.	PERMANENT UTILITY SQ. FT.	ACRES	SQ. FT.	ACRES	SQ. FT.	ACRES	SQ. FT.	ACRES	SQ. FT.		YES	NO	C	R	F	S		
1	CITY OF MAYFIELD, KENTUCKY	12.37	-	0.47	-	-	-	-	-	-	-	-	-	-	11.90	-	4		✓						D.B. 343 PG. 661 TAX MAP 73-12
2	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									NOT USED
3	CAMPBELL TOBACCO REHANDLING COMPANY, INC.	10.93	-	0.45	-	-	-	-	-	-	-	-	-	-	10.48	-	3		✓						D.B. 258 PG. 546 D.B. 322 PG. 444 TAX MAP 73-15
4	MAYFIELD ELECTRIC AND WATER SYSTEMS	3.00	-	0.37	-	-	-	-	-	-	-	-	-	-	2.63	-	3		✓						D.B. 362 PG. 726 TAX MAP 73-16.01
5	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									NOT USED
6	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									NOT USED
7	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									NOT USED
8	MITCOR, LLC	2.86	-	0.20	-	-	2530	-	-	-	-	-	-	-	2.66	-	3	✓							D.B. 369 PG. 420 TAX MAP 73-17
9	TRUSTEES OF THE HOUSE OF PRAYER	2.38 (C)	-	0.50	-	18,467	3568	10,365	-	-	-	-	-	-	1.88	-	1, 3	✓							D.B. 277 PG. 823 TAX MAP 73-18
10	GARY S. LEE TENA F. (WF.)	1.67 (C)	-	1.67	-	-	-	-	-	-	-	-	-	-	TOTAL	TAKE	1	✓			1				D.B. 348 PG. 860 TAX MAP 73-19
11	PADUCAH AND LOUISVILLE RAILROAD	-	-	-	-	54,378	60,374	-	-	-	-	-	-	-	-	-	5		✓						TAX MAP 73
12	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									NOT USED
13	HARDY P. WIMAN DOROTHY (WF.)	1.72 (C)	-	0.18	-	-	-	-	-	-	-	-	-	-	1.54	-	4		✓						D.B. 170 PG. 278 TAX MAP 73-81
14	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									NOT USED
15	JOE W. ADAMS	0.38 (C)	-	0.38	-	-	-	-	-	-	-	-	-	-	TOTAL	TAKE	4		✓						D.B. 309 PG. 477 TAX MAP 73-20
16	JOE W. ADAMS	2.23 (C)	-	0.11	-	-	9133	6859	-	-	-	-	-	-	2.12	-	3	✓							D.B. 309 PG. 477 TAX MAP 73-20
17	HARDY P. WIMAN DOROTHY (WF.)	1.31 (C)	-	0.15	-	-	2774	3682	-	-	-	-	-	-	1.16	-	1		✓						D.B. 191 PG. 383 TAX MAP 73-81
18	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									NOT USED
19	DONAL JONES BARBARA (WF.)	32.64 (C)	-	-	3982	-	13,952	10,822	-	-	-	-	-	-	32.30	-	4		✓						D.B. 368 PG. 316 TAX MAP 73-79 D.B. 263 PG. 491 TAX MAP 73-21
20	WEST KENTUCKY RURAL ELECTRIC COOPERATIVE CORPORATION	26.80	-	-	3091	-	2514	-	-	-	-	-	-	-	26.73	-	3	✓							D.B. 323 PG. 109 TAX MAP 73-22
21	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									NOT USED
22	THOMAS W. PAYNE JAMES P. PAYNE, JR.	85.70 (C)	-	12.82	-	-	19,908	48,808	65.14	-	7.74	-	-	-	72.88	-	1	✓			1	1	1		D.B. 445 PG. 835 TAX MAP 73-4 TAX MAP 90-204
23	MITCOR, LLC	5.29	-	-	-	-	5230	-	-	-	-	-	-	-	5.29	-	3		✓						D.B. 469 PG. 75 TAX MAP 73-16
24	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									NOT USED
25	CITY OF MAYFIELD, KENTUCKY	31.72	-	-	-	-	18,824	48,715	-	-	-	-	-	-	31.72	-	3	✓							D.B. 321 PG. 760 TAX MAP 90-206 TAX MAP 90-207
26	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									NOT USED
27	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									NOT USED
28	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									NOT USED
29	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									NOT USED
30	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									NOT USED
31	BILLY NORRIS ADAMS SUE ELLEN (WF.)	4.62 (C)	-	0.65	-	-	6993	-	-	-	-	-	-	-	3.97	-	1	✓			1		1		D.B. 360 PG. 185 TAX MAP 90-31 D.B. 246 PG. 800 TAX MAP 90-32
32	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									NOT USED
33	JOANNA WHELAN	3.38 (C)	-	0.13	-	-	-	-	-	-	-	-	-	-	3.25	-	1		✓						D.B. 326 PG. 178 TAX MAP 90-33

(C) CALCULATED AREA
(LL) LANDLOCKED PARCEL

THIS PROJECT IS A PARTIALLY CONTROLLED ACCESS HIGHWAY. ACCESS SHALL BE PROVIDED ONLY WHERE SPECIFICALLY INDICATED ON THE PLANS.

RIGHT OF WAY PLANS

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

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

HAZARDOUS WASTE
UST - UNDERGROUND STORAGE TANK

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Cell Library: kytc.cel
Cell Name: sp
11/8/2012

RIGHT OF WAY SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R58

REVISED PLAN DATE: NOVEMBER 9, 2012

RIGHT OF WAY SUMMARY

PARCEL NO.	NAME	TOTAL AREA OF TRACT		PERMANENT R/W ACQUIRED		EASEMENTS			AREA SEVERED				EXCESS PURCHASED		PORTION REMAINING		SEWER SYSTEM	SEWER SYSTEM AFFECTED BY PROJECT		BUILDINGS ACQUIRED NUMBER				HAZARDOUS WASTE	REMARKS
						PERMANENT	TEMPORARY	PERMANENT UTILITY	LEFT		RIGHT														
		ACRES	SQ. FT.	ACRES	SQ. FT.	SQ. FT.	SQ. FT.	SQ. FT.	ACRES	SQ. FT.	ACRES	SQ. FT.	ACRES	SQ. FT.	ACRES	SQ. FT.		YES	NO	C	R	F	S		
34	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									NOT USED
35	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									NOT USED
36	FREDERICK D. BLUME PATTIE C. (WF.)	30.77 (C)	-	0.14	-	-	8999	-	-	-	-	-	-	-	30.63	-	1		✓						D.B. 216 PG. 59 TAX MAP 90-84
37	MARIAN M. PARKS	18.89 (C)	-	0.95	-	-	12,931	-	-	-	-	-	-	-	17.94	-	4		✓						D.B. 367 PG. 757 TAX MAP 90-192
38	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									NOT USED
39	NORMA WOODSON	12.30	-	9.33	-	-	2405	-	2.46	-	0.51 (LL)	-	-	-	2.97	-	1	✓			1		2		W.B. E-1 PG. 839 D.B. 175 PG. 376 TAX MAP 90-191 D.B. 241 PG. 622 TAX MAP 90-190
40	JAMES L. DORAN RUTH (WF.)	21.84	-	0.66	-	-	10,299	-	-	-	-	-	-	-	21.18	-	1		✓						D.B. 269 PG. 405 TAX MAP 90-189
41	BILLY N. ADAMS SUE E. ADAMS (WF.)	2.05	-	0.10	-	-	5533	-	-	-	-	-	-	-	1.95	-	1		✓						D.B. 394 PG. 795 TAX MAP 90-188
42	JAMES P. PAYNE, JR. LIVING TRUST	234.27 (C)	-	36.00	-	-	28,650	-	120.02	-	78.25	-	-	-	198.27	-	1	✓			1		1		D.B. 464 PG. 711 TAX MAP 73-3 TAX MAP 90-193

(C) CALCULATED AREA
(LL) LANDLOCKED PARCEL

THIS PROJECT IS A PARTIALLY CONTROLLED ACCESS HIGHWAY. ACCESS SHALL BE PROVIDED ONLY WHERE SPECIFICALLY INDICATED ON THE PLANS.

RIGHT OF WAY PLANS

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

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

HAZARDOUS WASTE
UST - UNDERGROUND STORAGE TANK

RIGHT OF WAY SUMMARY

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Cell Library: kytc.cel
Cell Name: sp
11/8/2012

RIGHT OF WAY STRIP MAP & CONTROL OF ACCESS SHEET

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R59

REVISED PLAN DATE: NOVEMBER 9, 2012

THIS IS A PARTIALLY CONTROLLED ACCESS HIGHWAY. ACCESS SHALL BE PROVIDED ONLY WHERE SPECIFICALLY INDICATED ON THE PLANS.

RIGHT OF WAY PLANS

STA. 340+23.23
BEGIN RIGHT OF WAY PROJECT 1-181.50

MATCH LINE "A"

PADUCAH AND LOUISVILLE RAILROAD
TO MAYFIELD
US 45/ KY 58
EXIST. R/W

CITY OF MAYFIELD, KENTUCKY (25)
DON C. MASON
LANELLE MASON
MACEDONIA RD.
LIMITS
CORPORATE
MAYFIELD
THOMAS W. PAYNE
JAMES P. PAYNE, JR. (22)
CAMPBELL TOBACCO REHANDLING COMPANY, INC. (3)
MITCOR, LLC. (23)
MITCOR, LLC. (8)
TRUSTEES of THE HOUSE of PRAYER
GARY S. LEE
TENA F. (WF.)
COMMONWEALTH OF KENTUCKY
CITY OF MAYFIELD, KENTUCKY (1)
JACKSON PURCHASE LOCAL OFFICIALS ORGANIZATIONS
MAYFIELD ELECTRIC AND WATER SYSTEMS (4)
WALLACE MOHLER
LINDA (WF.)
HARDY P. WIMAN
DOROTHY (WF.) (13)
CARDINAL RD.
JOE W. ADAMS (15)
HARDY P. WIMAN
DOROTHY (WF.) (17)
JOE W. ADAMS (16)
SIDES LIMITED PARTNERSHIP
COMMONWEALTH OF KENTUCKY
DONAL JONES, BARBARA (WF.) (19)
WEST KENTUCKY RURAL ELECTRIC COOPERATIVE CORPORATION (20)
GRAVES GROWTH ALLIANCE, INC.
INGERSOLL RAND RD.
CITY OF MAYFIELD, KENTUCKY (25)
MACEDONIA RD.
MATCH LINE "A"
TO BENTON (JULIAN M CARROLL PARKWAY)
TO FULTON

45+00 | 340+00 | 350+00 | 365+00 | 380+00 | 10+00

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Cell Library: kytc.cel
Cell Name: sp
11/8/2012

RIGHT OF WAY STRIP MAP
BEGIN PROJECT TO STA. 380+00
SCALE: 1" = 200'

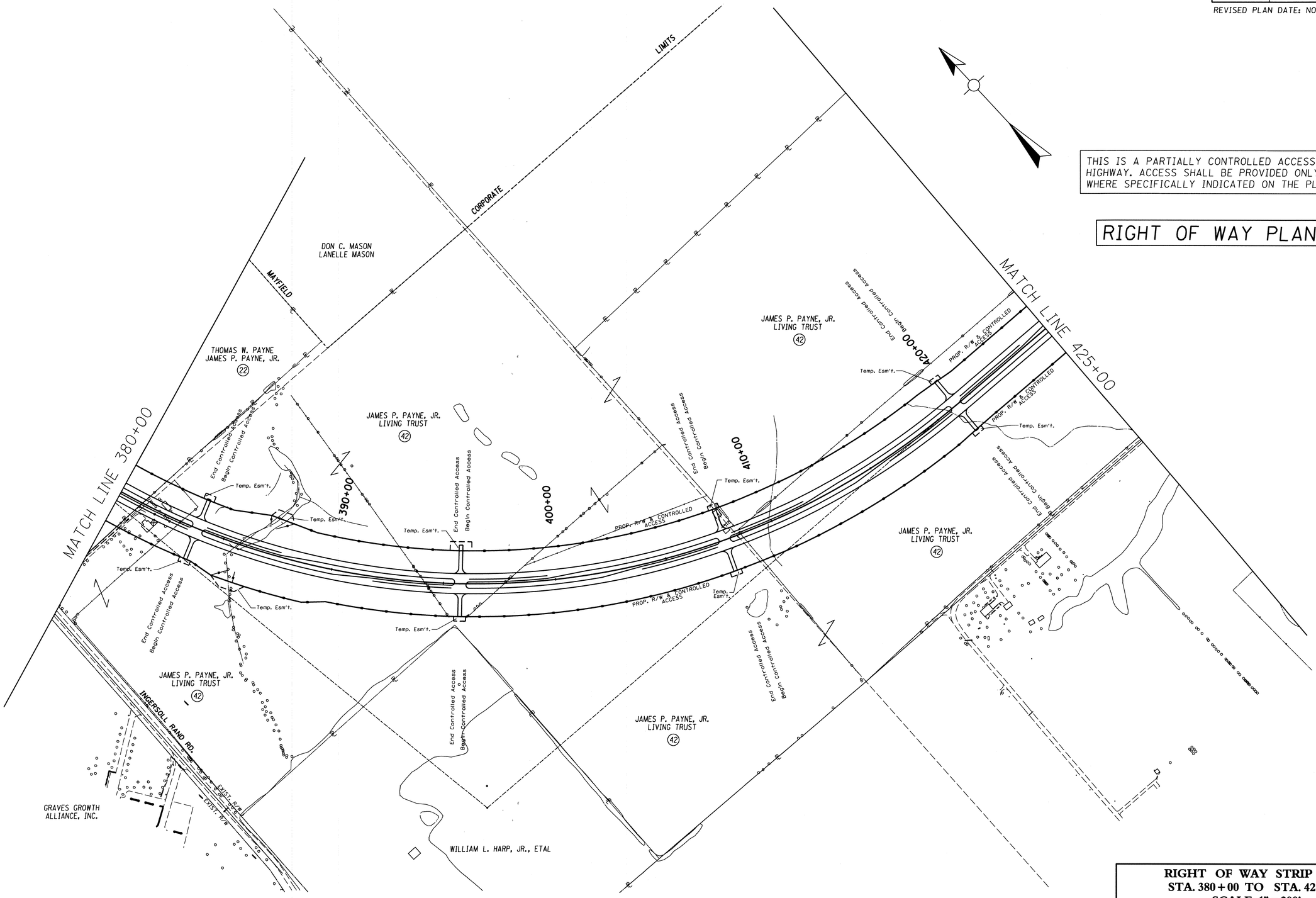
RIGHT OF WAY STRIP MAP & CONTROL OF ACCESS SHEET

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R60

REVISED PLAN DATE: NOVEMBER 9, 2012

THIS IS A PARTIALLY CONTROLLED ACCESS HIGHWAY. ACCESS SHALL BE PROVIDED ONLY WHERE SPECIFICALLY INDICATED ON THE PLANS.

RIGHT OF WAY PLANS



PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Cell Library: kytc.cel
Cell Name: sp
11/8/2012

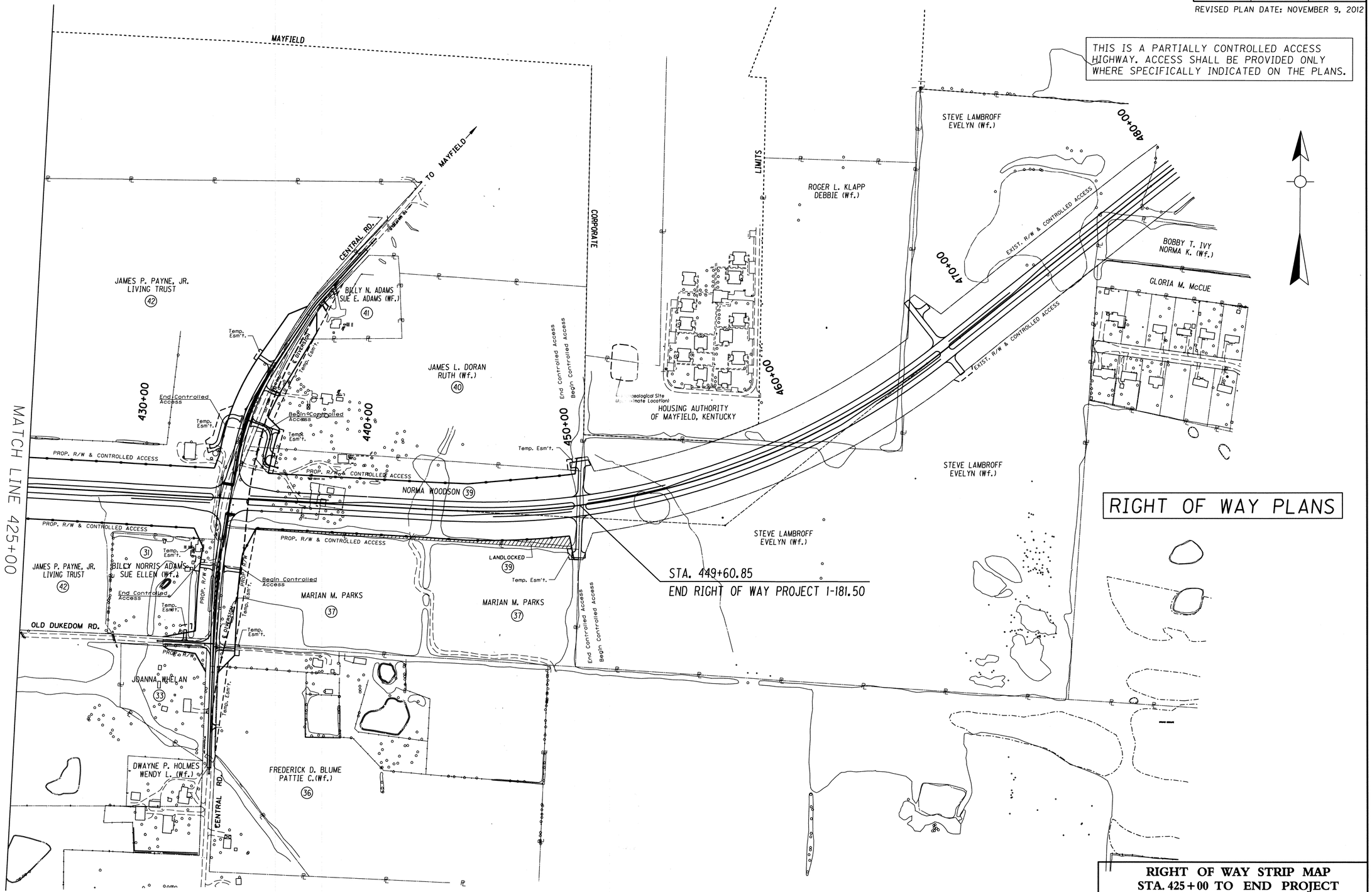
RIGHT OF WAY STRIP MAP
STA. 380+00 TO STA. 425+00
SCALE: 1" = 200'

RIGHT OF WAY STRIP MAP & CONTROL OF ACCESS SHEET

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R61

REVISED PLAN DATE: NOVEMBER 9, 2012

THIS IS A PARTIALLY CONTROLLED ACCESS HIGHWAY. ACCESS SHALL BE PROVIDED ONLY WHERE SPECIFICALLY INDICATED ON THE PLANS.



RIGHT OF WAY PLANS

RIGHT OF WAY STRIP MAP
STA. 425+00 TO END PROJECT
SCALE: 1" = 200'

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

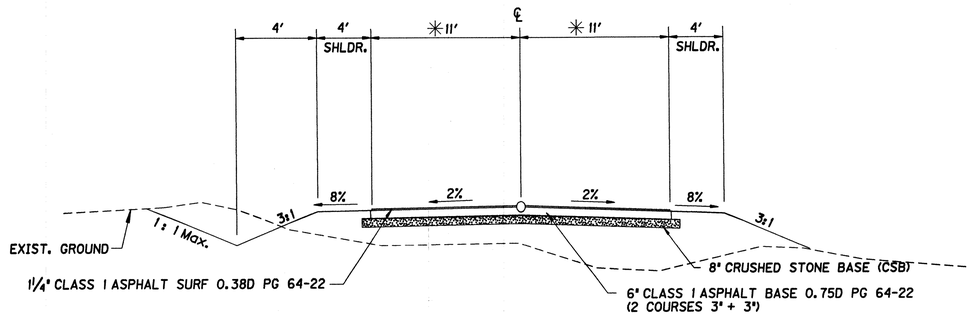
Cell Library: kytc.cel
Cell Name: sp
11/8/2012

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R62

REVISED PLAN DATE: FEBRUARY 26, 2007

DIVERSION TYPICAL SECTIONS

NOT TO SCALE

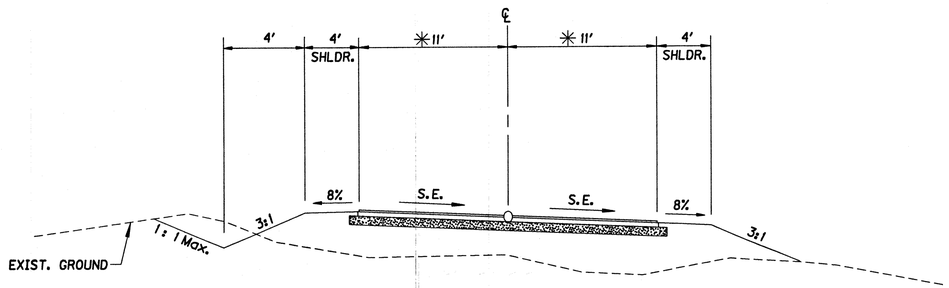


TYPICAL DIVERSION
NORMAL SECTION

US45/KY58
✳ CENTRAL ROAD (10' LANES)

20' OR 22' TRAVELWAY DIVERSION PAVEMENT DESIGN

8" CRUSHED STONE BASE (CSB)
6" CLASS 1 ASPHALT BASE 0.75D PG 64-22
1¼" CLASS 1 ASPHALT SURFACE 0.38D PG 64-22



TYPICAL DIVERSION
SUPERELEVATED SECTION

US45/KY58
✳ CENTRAL ROAD (10' LANES)

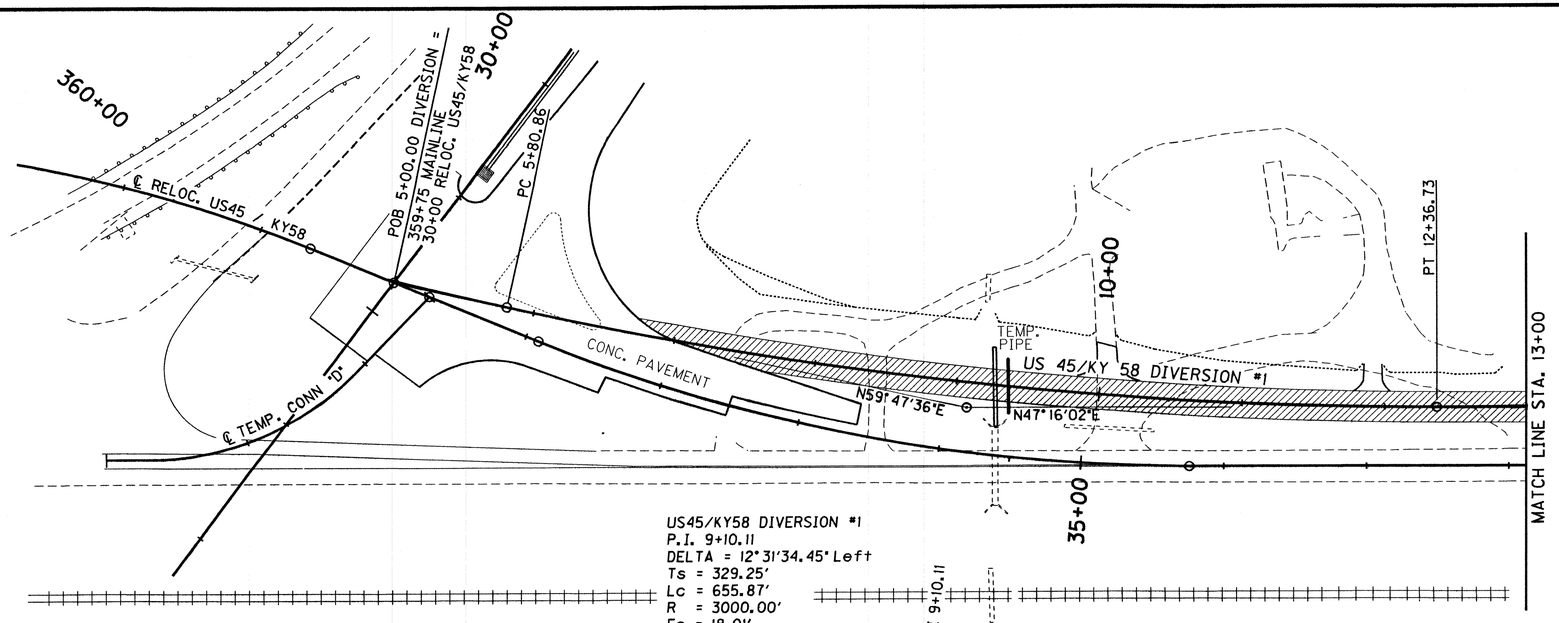
PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Cell Library: kytc.cel
Cell Name: sp
26-FEB-2007 09:46

RIGHT OF WAY PLANS

DIVERSION TYPICAL SECTIONS

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R63



US45/KY58 DIVERSION #1
P.I. 9+10.11
DELTA = 12° 31' 34.45" Left
Ts = 329.25'
Lc = 655.87'
R = 3000.00'
Es = 18.01'
Se = 3.1%
Runoff = N.A. Entering
= 69.0' Exiting
Runout = N.A. Entering
= 45.0' Exiting
V = 45 M.P.H.

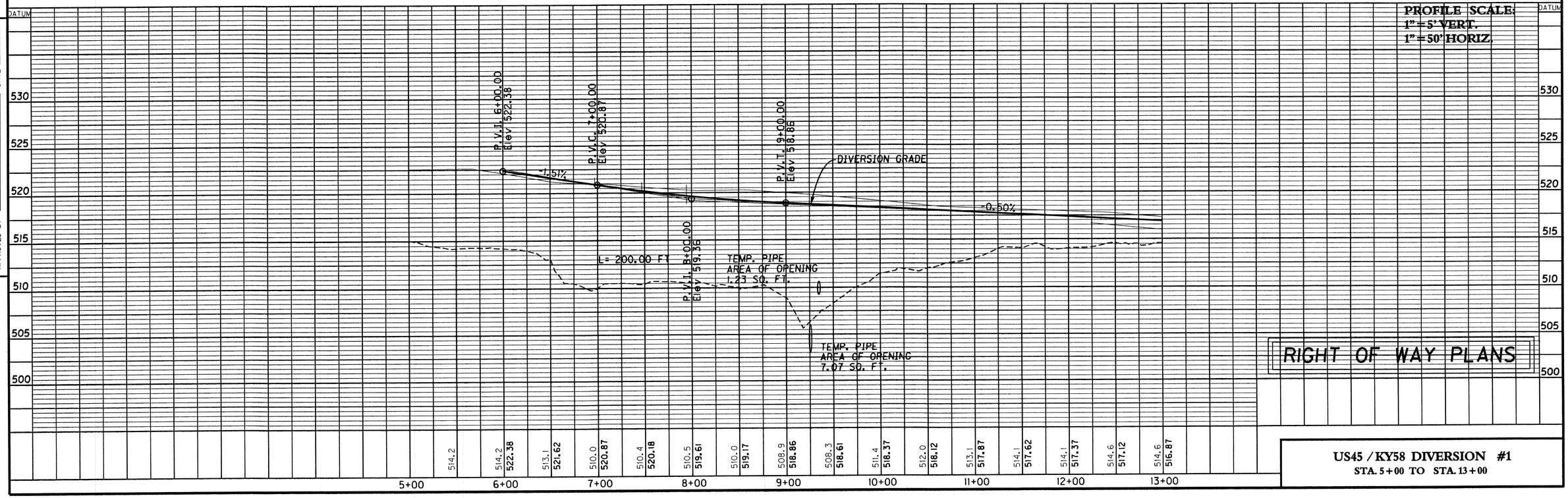
LEGEND

ROADWAY CONSTRUCTED WITHOUT AFFECTING TRAFFIC

ROADWAY PREVIOUSLY CONSTRUCTED

PLAN SCALE: 1" = 50'

PROFILE SCALE:
1" = 5' VERT.
1" = 50' HORIZ.



PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Cell Library: kytc.cel
Cell Name: spp
08-MAY-2002 10:02

RIGHT OF WAY PLANS

US45 / KY58 DIVERSION #1
STA. 5+00 TO STA. 13+00

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R64

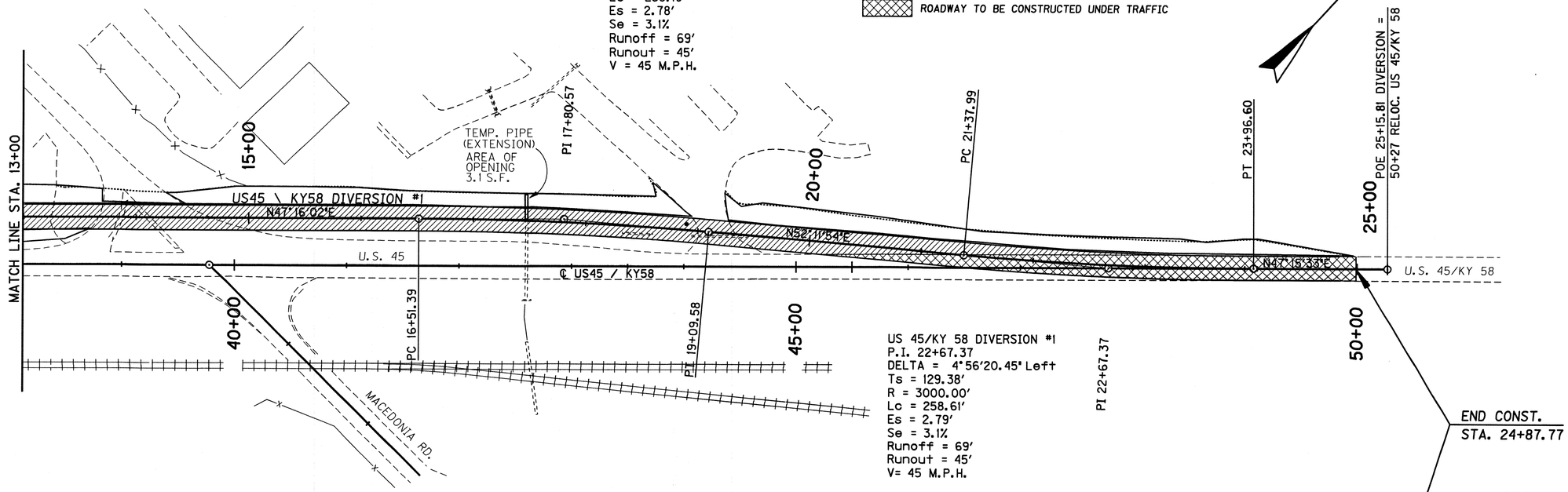
REVISED PLAN DATE: FEBRUARY 26, 2007

US 45/KY 58 DIVERSION #1
P.I. 17+80.57
DELTA = 4°55'51.91" Right
Ts = 129.18'
R = 3000.00'
Lc = 258.19'
Es = 2.78'
Se = 3.1%
Runoff = 69'
Runout = 45'
V = 45 M.P.H.

LEGEND

ROADWAY CONSTRUCTED WITHOUT AFFECTING TRAFFIC

ROADWAY TO BE CONSTRUCTED UNDER TRAFFIC

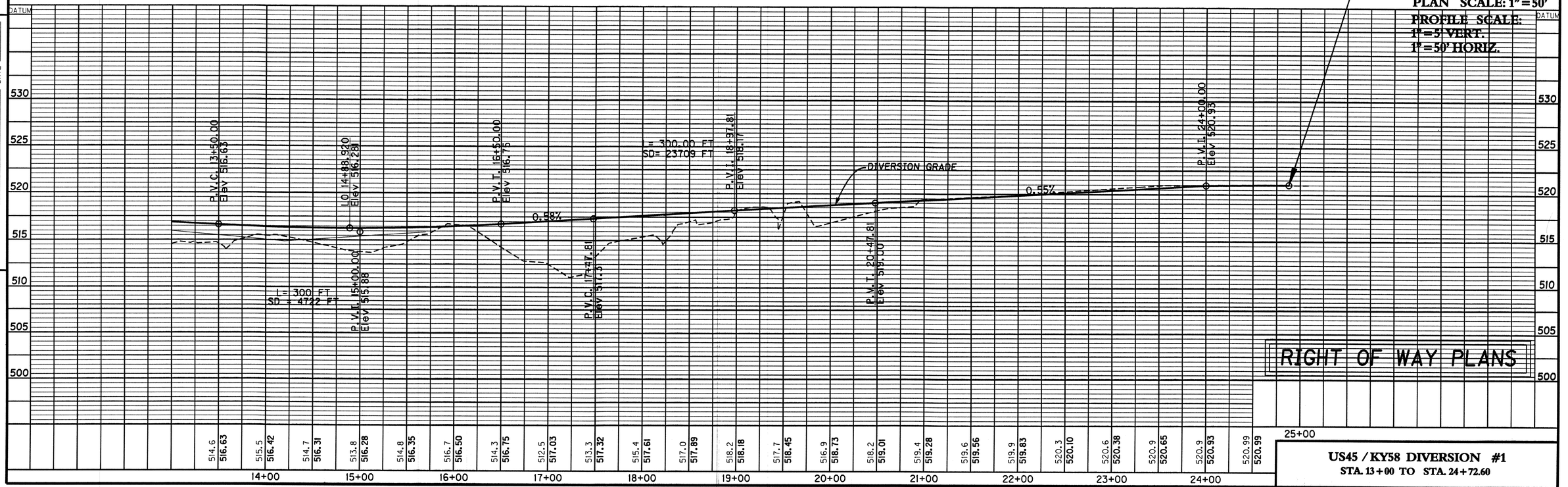


US 45/KY 58 DIVERSION #1
P.I. 22+67.37
DELTA = 4°56'20.45" Left
Ts = 129.38'
R = 3000.00'
Lc = 258.61'
Es = 2.79'
Se = 3.1%
Runoff = 69'
Runout = 45'
V= 45 M.P.H.

PI 22+67.37

PLAN SCALE: 1" = 50'

PROFILE SCALE:
1" = 5' VERT.
1" = 50' HORIZ.



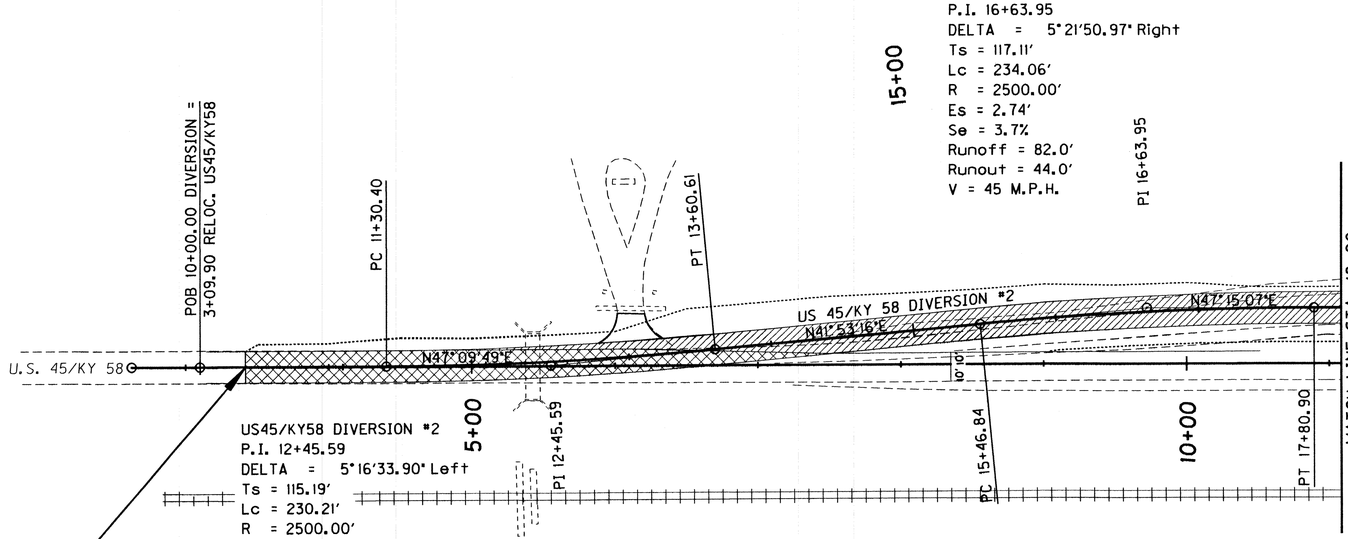
PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Cell Library: kytc.cel
Cell Name: SDD
26-FEB-2007 09:45

RIGHT OF WAY PLANS

US45 / KY58 DIVERSION #1
STA. 13+00 TO STA. 24+72.60

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R65



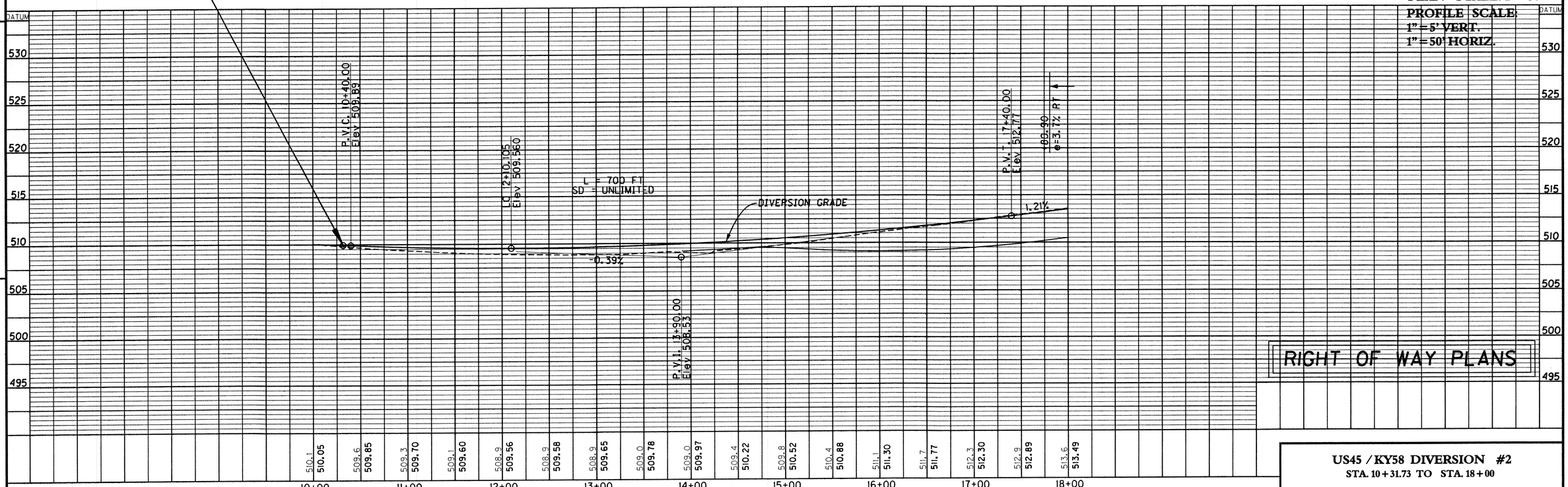
LEGEND

ROADWAY CONSTRUCTED WITHOUT AFFECTING TRAFFIC

ROADWAY TO BE CONSTRUCTED UNDER TRAFFIC

PLAN SCALE: 1" = 50'

PROFILE SCALE:
1" = 5' VERT.
1" = 50' HORIZ.



PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____

Cell Library: kytc.cel
Cell Name: spp
08-MAY-2002 10:06

RIGHT OF WAY PLANS

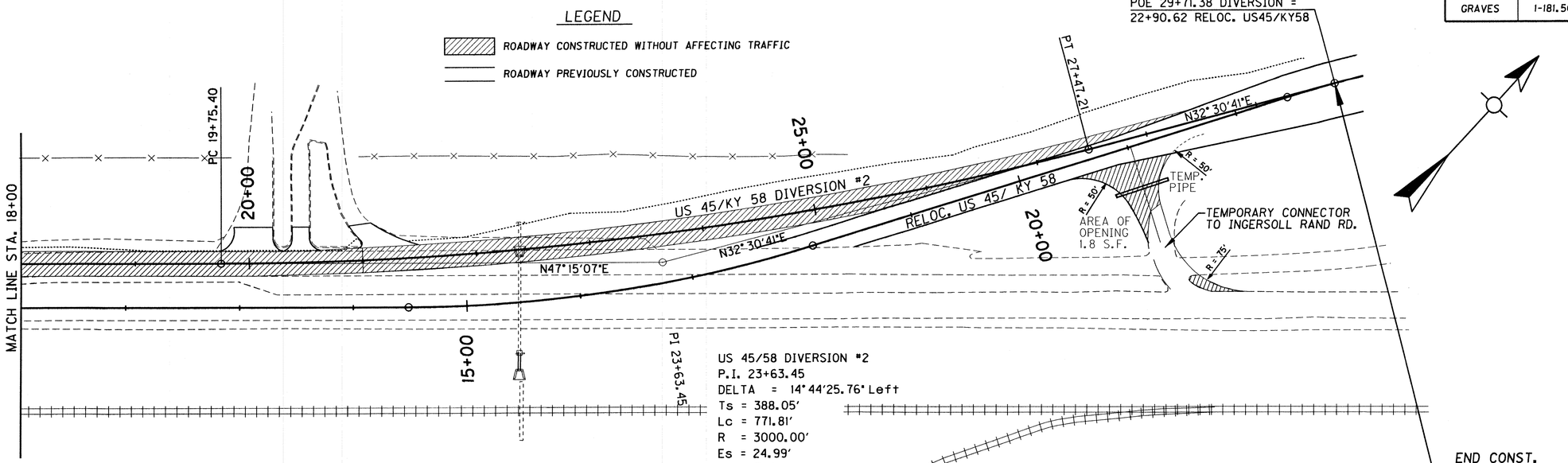
US45 / KY58 DIVERSION #2
STA. 10+31.73 TO STA. 18+00

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R66

LEGEND

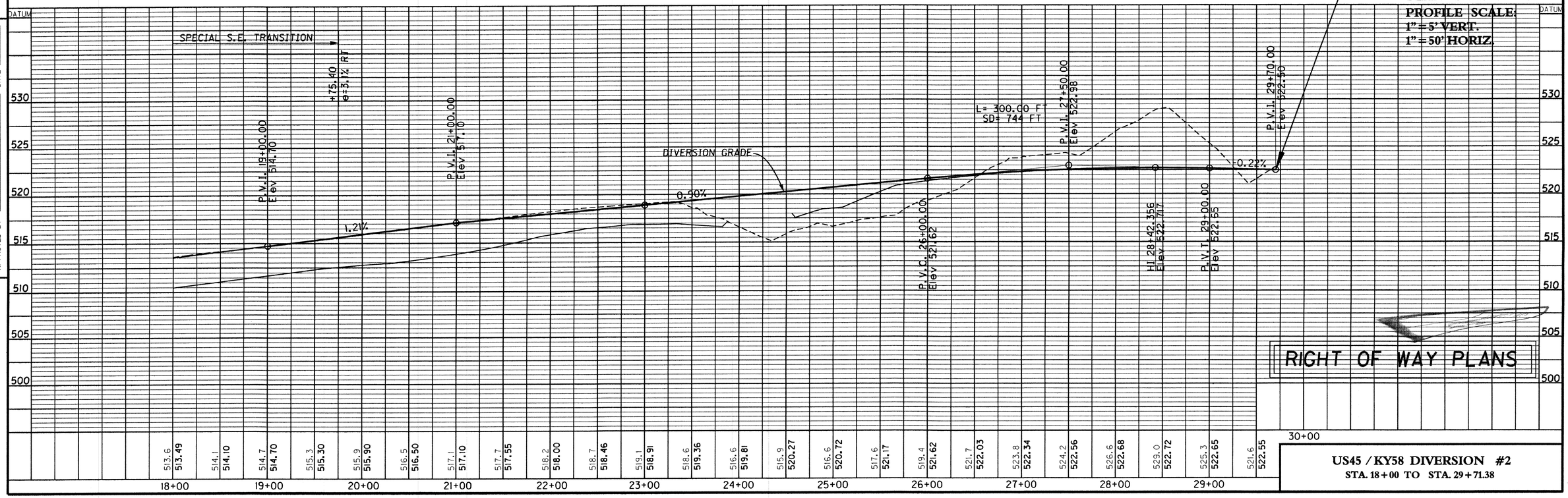
ROADWAY CONSTRUCTED WITHOUT AFFECTING TRAFFIC

ROADWAY PREVIOUSLY CONSTRUCTED



US 45/58 DIVERSION #2
P.I. 23+63.45
DELTA = 14°44'25.76" Left
Ts = 388.05'
Lc = 771.81'
R = 3000.00'
Es = 24.99'
Se = 3.1%
Runoff = 69.0' Entering
Match Reloc. US 45 Exiting
Runout = 45.0' Entering
N.A. Exiting
V = 45 M.P.H.

PLAN SCALE: 1" = 50'
PROFILE SCALE:
1" = 5' VERT.
1" = 50' HORIZ.



PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____

Cell Library: kytc.cel
Cell Name: spp
08-MAY-2002 10:08

RIGHT OF WAY PLANS

US45 / KY58 DIVERSION #2
STA. 18+00 TO STA. 29+71.38

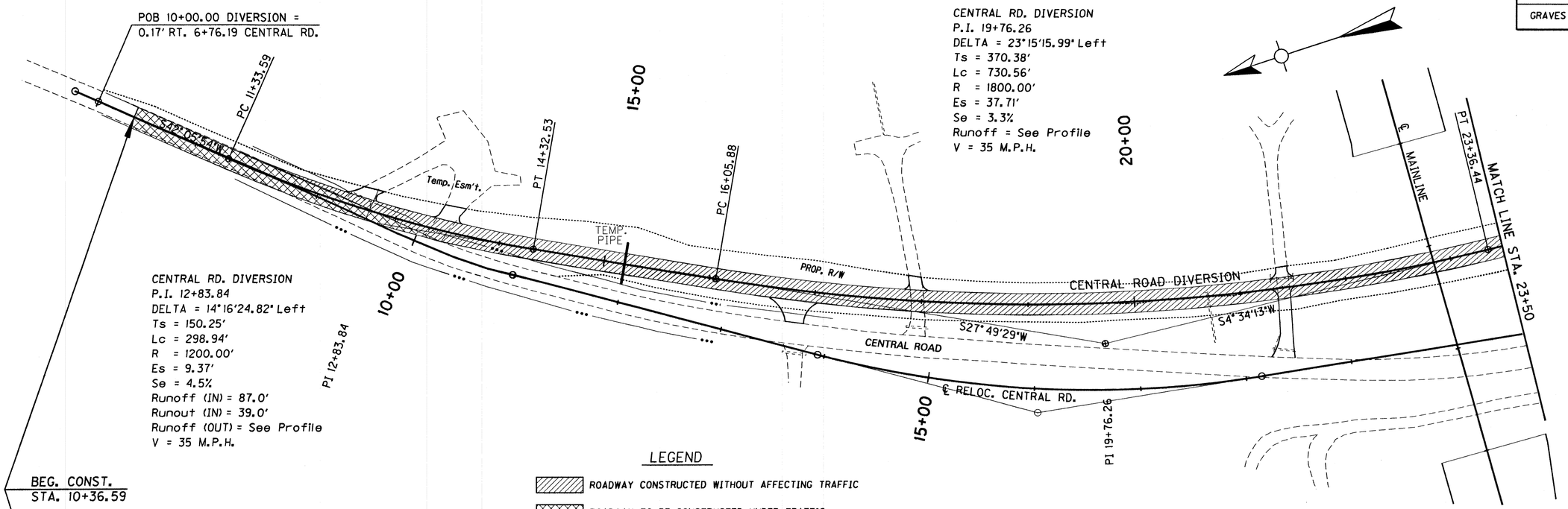
COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R68

POB 10+00.00 DIVERSION =
0.17' RT. 6+76.19 CENTRAL RD.

BEG. CONST.
STA. 10+36.59

CENTRAL RD. DIVERSION
P.I. 12+83.84
DELTA = 14°16'24.82" Left
Ts = 150.25'
Lc = 298.94'
R = 1200.00'
Es = 9.37'
Se = 4.5%
Runoff (IN) = 87.0'
Runout (IN) = 39.0'
Runoff (OUT) = See Profile
V = 35 M.P.H.

CENTRAL RD. DIVERSION
P.I. 19+76.26
DELTA = 23°15'15.99" Left
Ts = 370.38'
Lc = 730.56'
R = 1800.00'
Es = 37.71'
Se = 3.3%
Runoff = See Profile
V = 35 M.P.H.

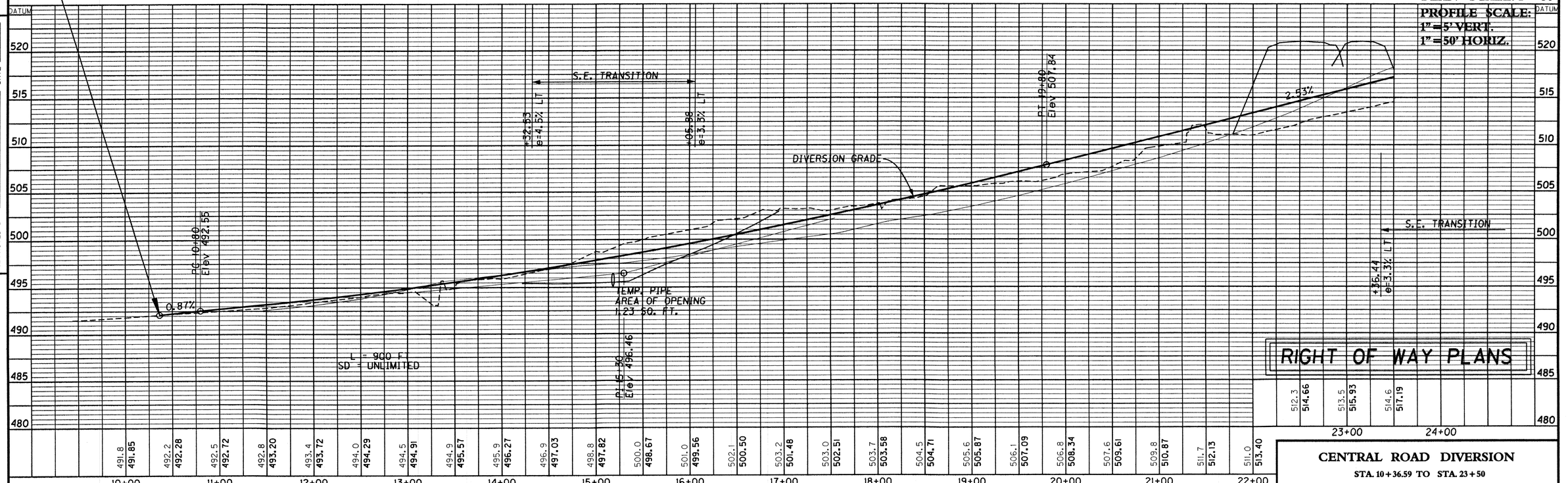


LEGEND

ROADWAY CONSTRUCTED WITHOUT AFFECTING TRAFFIC

ROADWAY TO BE CONSTRUCTED UNDER TRAFFIC

PLAN SCALE: 1" = 50'
PROFILE SCALE:
1" = 5' VERT.
1" = 50' HORIZ.



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CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

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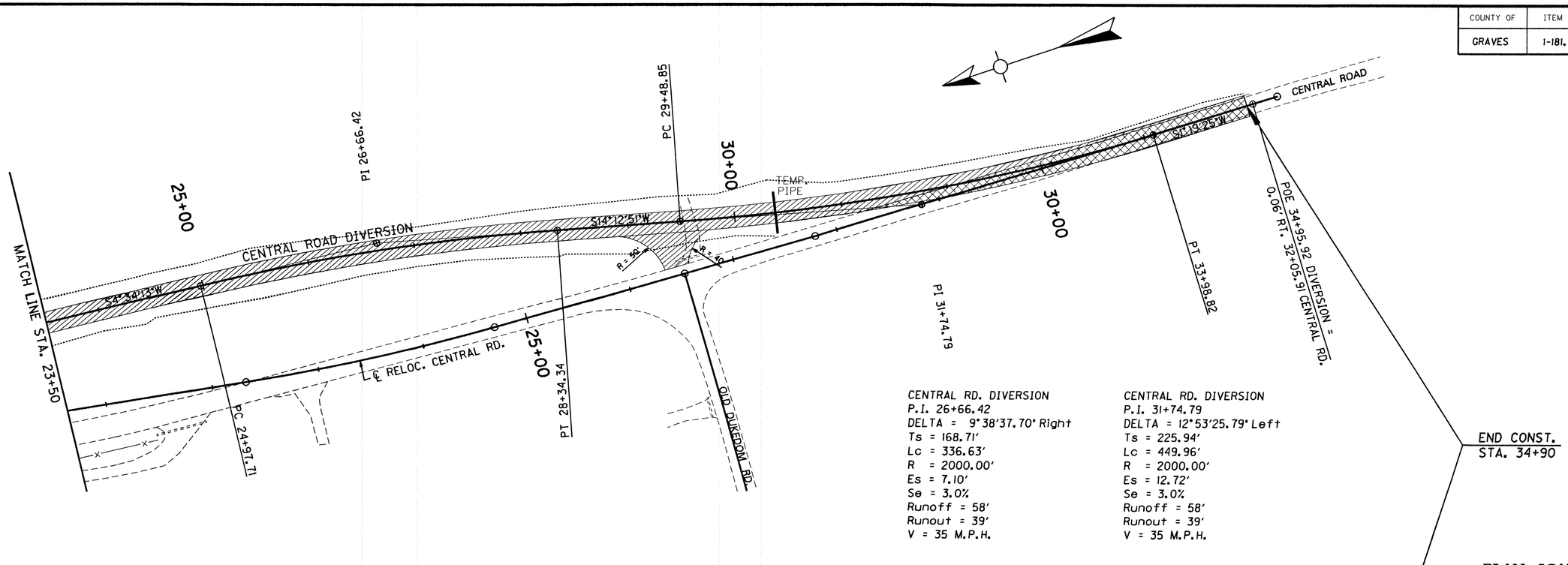
Cell Name: 3SD
08-MAY-2002 09:57

RIGHT OF WAY PLANS

CENTRAL ROAD DIVERSION

STA. 10+36.59 TO STA. 23+50

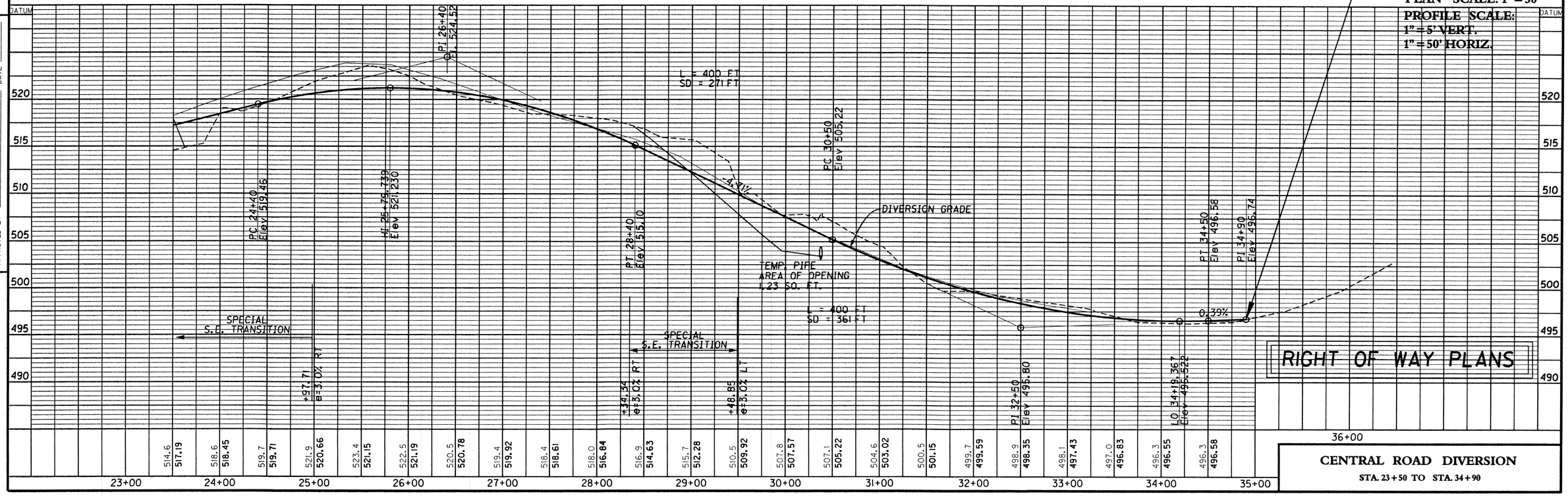
COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R69



CENTRAL RD. DIVERSION
P.I. 26+66.42
DELTA = 9°38'37.70" Right
Ts = 168.71'
Lc = 336.63'
R = 2000.00'
Es = 7.10'
Se = 3.0%
Runoff = 58'
Runout = 39'
V = 35 M.P.H.

CENTRAL RD. DIVERSION
P.I. 31+74.79
DELTA = 12°53'25.79" Left
Ts = 225.94'
Lc = 449.96'
R = 2000.00'
Es = 12.72'
Se = 3.0%
Runoff = 58'
Runout = 39'
V = 35 M.P.H.

PLAN SCALE: 1" = 50'
PROFILE SCALE:
1" = 5' VERT.
1" = 50' HORIZ.



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CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

Cell Library: kytc.cel
Cell Name: spp
08-MAY-2002 10:00

RIGHT OF WAY PLANS

CENTRAL ROAD DIVERSION

STA. 23+50 TO STA. 34+90

RIGHT OF WAY PLANS

COUNTY OF	ITEM NO.	SHEET NO.
GRAVES	1-181.50	R70

REVISED PLAN DATE: FEBRUARY 26, 2007

COORDINATE CONTROL POINTS

CONTROL POINT	DESCRIPTION	STATE PLANE COORDINATES			STATION	OFFSET
		EAST (X)	NORTH (Y)	ELEV. (Z)		
BLA 098	GPS CONTROL MONUMENT	785197.9580	1794805.2750	530.49	359+38.69	400.83
BLA 099	GPS CONTROL MONUMENT	785280.4810	1792097.7950	520.14	383+81.24	849.61
BLA 100	GPS CONTROL MONUMENT	788280.4200	1789934.6660	527.75	414+89.49	688.20
BLA 101	GPS CONTROL MONUMENT	790267.4290	1790484.1550	518.75	433+52.72	9.10
400	FLORENCE & HUTCHESON I.P. & CAP TRAV. PT.	785182.1690	1794063.4830	523.50	366+55.45	501.48

COORDINATE CONTROL POINTS

CONTROL POINT	DESCRIPTION	STATE PLANE COORDINATES			STATION	OFFSET
		EAST (X)	NORTH (Y)	ELEV. (Z)		
401	FLORENCE & HUTCHESON NAIL & CAP TRAV. PT.	785321.3165	1793715.7682	512.81	370+18.65	410.07
402	FLORENCE & HUTCHESON I.P. & CAP TRAV. PT.	785866.1770	1792614.3890	519.36	381+64.78	108.69
403	FLORENCE & HUTCHESON I.P. & CAP TRAV. PT.	785480.4330	1791960.4470	517.60	385+51.77	731.08
404	FLORENCE & HUTCHESON I.P. & CAP TRAV. PT.	786308.9068	1791374.0327	505.70	393+69.95	384.89
405	FLORENCE & HUTCHESON I.P. & CAP TRAV. PT.	786427.5042	1791168.1249	417.08	395+74.74	442.15
406	FLORENCE & HUTCHESON I.P. & CAP TRAV. PT.	786589.4237	1791049.5537	521.96	397+50.96	419.17
407	FLORENCE & HUTCHESON I.P. & CAP TRAV. PT.	787628.8974	1790557.1367	529.65	407+87.06	280.62
408	FLORENCE & HUTCHESON I.P. & CAP TRAV. PT.	788545.3827	1790782.0977	530.25	415+96.97	-192.25
409	FLORENCE & HUTCHESON I.P. & CAP TRAV. PT.	790176.4840	1790658.4130	521.98	432+54.10	-160.94
410	FLORENCE & HUTCHESON I.P. & CAP TRAV. PT.	790785.7843	1790608.7714	521.56	438+65.01	-138.50
411	FLORENCE & HUTCHESON I.P. & CAP TRAV. PT.	791149.5649	1790679.4327	511.44	442+25.28	-225.30
412						
423	FLORENCE & HUTCHESON I.P. & CAP TRAV. PT.	785565.7338	1794518.2525	523.83	362+57.41	64.42
424	FLORENCE & HUTCHESON I.P. & CAP TRAV. PT.	786003.6249	1795071.2990	511.55	357+43.61	-424.94
425	FLORENCE & HUTCHESON I.P. & CAP TRAV. PT.	786524.3319	1795416.2370	515.83	354+23.06	-968.94
426	FLORENCE & HUTCHESON I.P. & CAP SPUR TRAV. PT.	787447.7605	1795346.6746	517.84	355+65.74	-1885.79
427	FLORENCE & HUTCHESON I.P. & CAP SPUR TRAV. PT.	787116.4518	1796083.4265	520.49	347+25.93	-1587.64
428	FLORENCE & HUTCHESON I.P. & CAP TRAV. PT.	785766.5909	1795317.6185	531.46	354+75.50	-206.49
429	FLORENCE & HUTCHESON I.P. & CAP TRAV. PT.	785609.8615	1795808.9478	529.44	349+72.70	-74.23
430	FLORENCE & HUTCHESON I.P. & CAP SPUR TRAV. PT.	785405.1646	1796521.0980	505.66	342+59.04	121.66

BENCHMARKS

BM#	DESCRIPTION	STATION	OFFSET	ELEV. (Z)
BM 34	"0" @ 30" CMP IN HEADWALL	341+11.69 MAINLINE	75.58' RT.	501.32
BM 35	R.R. SPIKE @ UTILITY POLE #8747	353+27.70 MAINLINE	331.16' RT.	526.32
BM 36	R.R. SPIKE @ USTVA POWER POLE #26A	13+28 MACEDONIA RD.	116' LT.	506.94
BM 37	R.R. SPIKE @ USTVA POWER POLE #37A	2+78 US 45 / KY 58	46.31' LT.	504.26
BM 38	R.R. SPIKE @ USTVA POWER POLE #33	366+74.76 MAINLINE	46.31' LT.	526.67
BM 39	R.R. SPIKE @ POWER POLE (NO NUMBER)	17+75 INGERSOLL RAND RD.	113.20' RT.	499.05
BM 40	R.R. SPIKE @ 30" OAK	387+57.38 MAINLINE	562.54' RT.	495.67
BM 41	R.R. SPIKE @ 12" HICKORY	395+79.12 MAINLINE	445.40' RT.	517.50
BM 42	R.R. SPIKE @ 60" OAK	409+31.22 MAINLINE	297.41' RT.	528.08
BM 43	R.R. SPIKE @ 30" SASSAFRAS	415+82.85 MAINLINE	192.47' LT.	531.87
BM 44	R.R. SPIKE @ 12" W. CHERRY	425+25.90 MAINLINE	215.32' LT.	524.16
BM 45	R.R. SPIKE @ L.P. #M953B4832	436+66.22 MAINLINE	159.05' LT.	516.34
BM 46	R.R. SPIKE @ 18" W. CHERRY x 2	443+18.57 MAINLINE	197.60' LT.	507.71

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GRAVES	1-181.50	R71

REVISED PLAN DATE: FEBRUARY 26, 2007

RIGHT OF WAY PLANS

GEOMETRIC CONTROL POINTS

STATION	DESCRIPTION	COORDINATES	
		EAST	NORTH
KY 80			
337+51.34	P.O.T.	785536.93190	1797027.55460
340+37.48	P.C.	785530.39220	1796741.49400
353+27.48	P.I.	785500.90900	1795451.82300
366+12.19	P.T.	785673.36840	1794173.39490
373+11.50	T.S.	785766.85820	1793480.36220
374+96.50	S.C.	785793.31510	1793297.27040
400+78.73	P.I.	786210.68090	1790749.00060
418+69.38	C.S.	788786.05730	1790561.09160
420+54.38	S.T.	788970.78110	1790551.10690
442+73.16	T.S.	791187.36070	1790452.22160
444+58.16	S.C.	791372.23980	1790445.71770
455+96.68	P.I.	792510.60240	1790427.12700
466+49.54	C.S.	793414.89140	1791118.84690
468+34.54	S.T.	793559.68340	1791233.98960
479+21.70	T.S.	794404.18030	1791918.63810
481+06.70	S.C.	794548.81860	1792033.97650
502+86.59	P.I.	796274.87550	1793365.37020
520+68.44	C.S.	798299.12850	1792556.49370
522+53.44	S.T.	798469.78580	1792485.08420
549+17.06	P.O.T.	800918.57730	1791437.10980
U.S. 45 / KY 58			
2+62.28	P.O.T.	783710.27200	1792882.78300
14+48.73	P.C.	784581.55830	1793688.09410
16+30.41	P.I.	784714.97800	1793811.41100
18+09.35	P.T.	784805.91440	1793968.69560
22+47.40	P.C.	785025.17040	1794347.92270
26+06.51	P.I.	785204.91640	1794658.81320
29+36.94	P.T.	785541.38040	1794784.32640
31+09.26	P.C.	785702.83670	1794844.55550
33+45.60	P.I.	785924.26920	1794927.15780
35+75.96	P.T.	786097.84320	1795087.55580
50+02.01	P.O.T.	787145.17500	1796055.38500
CARDINAL ROAD			
3+00.49	P.O.T.	785095.68800	1795270.09550
5+55.67	P.C.	785077.06290	1795015.59520
6+92.84	P.I.	785067.05110	1794878.79010
8+17.14	P.T.	785152.66010	1794771.61280
10+00.00	P.O.T.	785266.78560	1794628.73460

GEOMETRIC CONTROL POINTS

STATION	DESCRIPTION	COORDINATES	
		EAST	NORTH
MACEDONIA ROAD			
10+00.00	P.O.T.	786392.98100	1795360.29000
18+30.38	P.I.	787222.77300	1795329.07900
25+76.31	P.O.T.	787967.89501	1795294.42217
INGERSOLL RAND CONNECTOR ROAD			
10+00.00	P.O.T.	785748.60870	1793615.64410
11+13.70	P.C.	785635.92750	1793600.44340
13+94.46	P.I.	785357.68890	1793562.90910
15+78.97	P.T.	785350.16330	1793282.25110
27+81.66	P.O.T.	785317.92600	1792079.99300
INGERSOLL RAND ACCESS ROAD			
10+00.00	P.O.T.	785432.09060	1793491.16420
10+52.80	P.C.	785392.41650	1793526.00680
10+99.60	P.I.	785357.25290	1793556.88820
11+40.34	P.T.	785358.43590	1793603.67220
16+18.01	P.O.T.	785370.51000	1794081.18700
CENTRAL ROAD			
10+73.07	P.O.T.	790674.43660	1791331.89990
13+93.76	P.C.	790498.75280	1791063.60870
16+07.38	P.I.	790381.73000	1790884.90000
18+14.67	P.T.	790347.93850	1790673.97520
22+31.80	P.C.	790281.95210	1790262.09190
23+50.53	P.I.	790263.17050	1790144.85800
24+68.98	P.T.	790258.39090	1790026.22540
27+79.41	P.O.T.	790245.89430	1789716.04750
OLD DUKEDOM ROAD			
10+00.00	P.O.T.	790250.98230	1789842.33680
12+50.00	P.O.T.	790001.18490	1789852.40090

GEOMETRIC CONTROL POINTS

STATION	DESCRIPTION	COORDINATES	
		EAST	NORTH

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