



SHEET NO.	DESCRIPTION
R1	LAYOUT SHEET
R2	TYPICAL SECTIONS
R3-R22	PLAN AND PROFILE SHEETS
R23	RIGHT OF WAY SUMMARY SHEET
R24-R26	RIGHT OF WAY STRIP MAP SHEETS
R27	DETAIL SHEET - WASTE AREA
R28-R33	COORDINATE CONTROL SHEETS

SHEETS NOT INCLUDED IN TOTAL SHEETS	
R2A-R2E	

Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS

PLANS OF PROPOSED PROJECT MOUNTAIN PARKWAY WIDENING MORGAN/MAGOFFIN COUNTY RIGHT OF WAY PLANS

Department Of Highways
Mt Parkway Item 10-126-50
LICKING VALLEY RECC W.O.# KY 56-580 & X

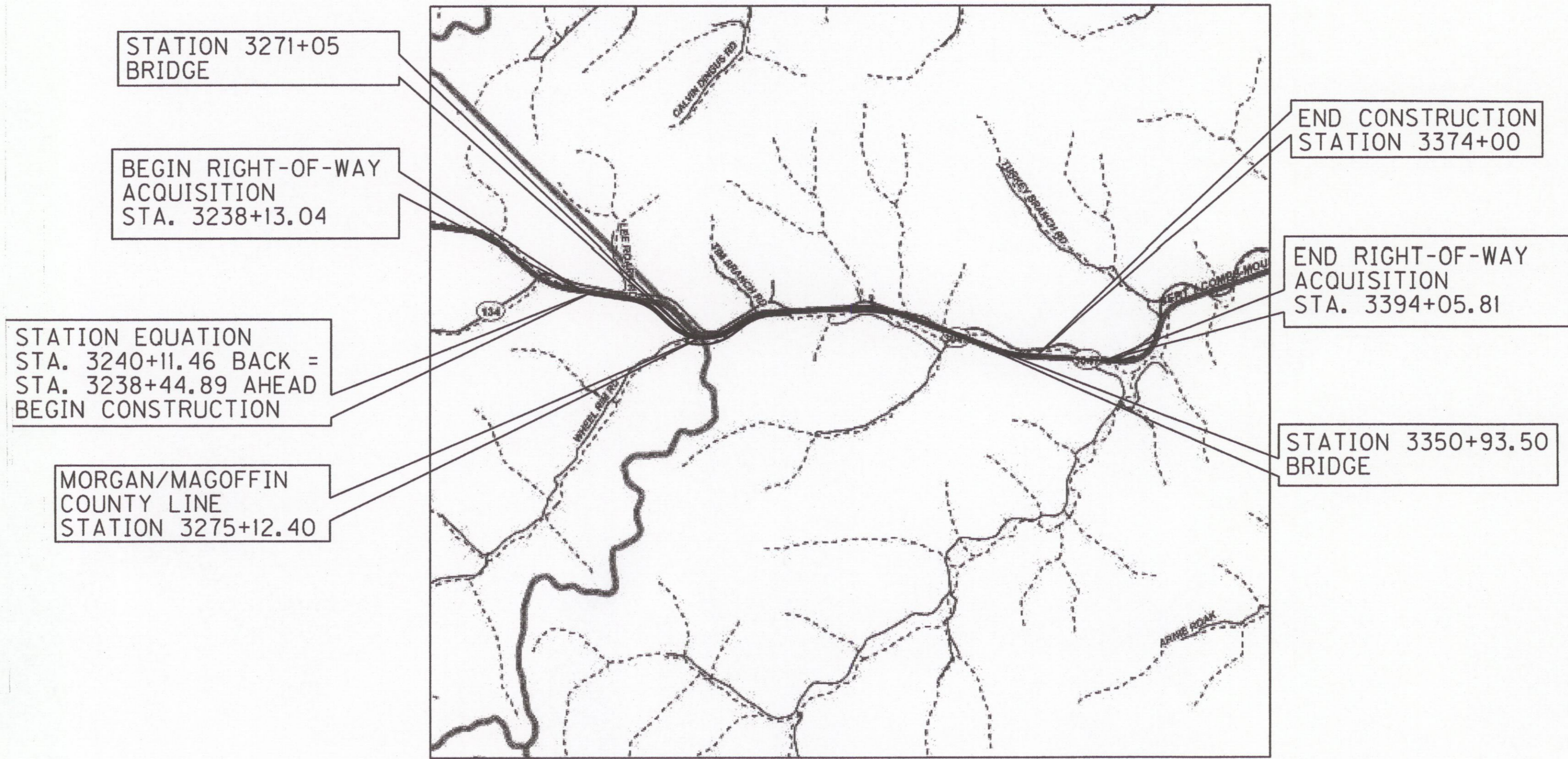
Install		Removal	
Poles		Poles	
40'-2	4	40'-2	4
45'-2	4	40'-4	3

Units		Units	
A1	1	A1	2
A4	7	A4	5
A5-2	1	A5	1
E1-2	14	A5-1	1
E3-10	14	A5-2	1
F1-4	14	E1-2	9
M2-1	8	E3-10	9
M5-1	8	F1-2	9
M5-10	2	G10-10KVA	1
		M2-2	7
		M5-1	6
		M5-10	1
		M8	1
		M26-5	1

Wire		Wire	
1/0 ACSR	5,020'	#4 ACSR	2,660'
		1/0 ACSR	3,020'

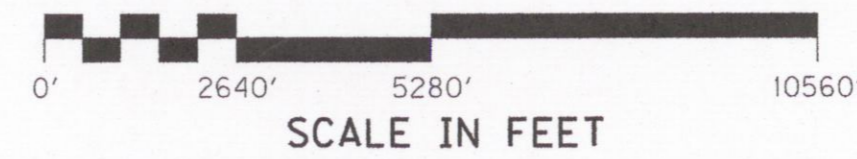
Pvt. Poles 4
Public Poles 0
New Poles 8
Rem Poles 7

PROPOSED POWERLINE █
POWERLINE TO BE REMOVED █
POWERLINE TO STAY █



RIGHT OF WAY PLANS

THIS PROJECT IS A FULLY
CONTROLLED ACCESS HIGHWAY.



LAYOUT MAP

DESIGN CRITERIA

CLASS OF HIGHWAY	INTERSTATE
TYPE OF TERRAIN	MOUNTAINOUS
DESIGN SPEED	65 MPH
REQUIRED NPSD	645
REQUIRED PSD	N/A
LEVEL OF SERVICE	
ADT PRESENT (2010)	5,000/6,700
ADT FUTURE (2030)	6,900/10,300
DHV	1,550 (2030)
D %	
T %	

GEOGRAPHIC COORDINATES

LATITUDE 37 DEGREES 44 MINUTES 47 SECONDS NORTH
LONGITUDE 83 DEGREES 13 MINUTES 59 SECONDS WEST

DESIGNED

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

PROJECT	MORGAN COUNTY	MAGOFFIN COUNTY		
LENGTH 13,555.11 LIN. FT. 2.567 MILES	LENGTH 3667.51 LIN. FT. 0.695 MILES	LENGTH 9887.60 LIN. FT. 1.873 MILES	LENGTH _____ LIN. FT. _____ MILES	
DEDUCTED FOR EQUALITIES 166.57 LIN. FT. NOT INCLUDED	DEDUCTED FOR EQUALITIES 166.57 LIN. FT. NOT INCLUDED	DEDUCTED FOR EQUALITIES _____ LIN. FT. NOT INCLUDED	DEDUCTED FOR EQUALITIES _____ LIN. FT. NOT INCLUDED	
RAILROAD CROSSINGS NO. _____ LIN. FT.	RAILROAD CROSSINGS NO. _____ LIN. FT.	RAILROAD CROSSINGS NO. _____ LIN. FT.	RAILROAD CROSSINGS NO. _____ LIN. FT.	
BRIDGES 360.93, 189.47	BRIDGES 360.93	BRIDGES 189.47	BRIDGES _____	

**Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS
COUNTY OF
MORGAN / MAGOFFIN**

ITEM NO. 10-126.50
PROJECT NUMBER: FD52 1550 C121 E143 NH0061046
LETTING DATE: _____
RECOMMENDED BY: MARSHALL CARRIER, PE DATE: _____
PROJECT MANAGER
PLAN APPROVED BY: STEVE WADDLE, PE DATE: _____
STATE HIGHWAY ENGINEER

APRIL 15, 2015

EA Partners, PLLC
CIVIL ENGINEERS • LAND SURVEYORS • LANDSCAPE ARCHITECTS
310 WALL STREET
LEXINGTON, KENTUCKY 40513
PHONE (606) 584-9888
FACSIMILE (606) 584-9887

ROBERT DARIN HENSLEY
24,263
LICENSED PROFESSIONAL ENGINEER

I hereby certify that I am a duly Licensed Professional Engineer in the State of Kentucky.
Date: 2015.04.15 11:31:41 -0400

FILE NAME: J:\11204\ROADWAY\FINAL_RW_LAYOUT.DGN

USER: dhensley
DATE PLOTTED: April 15, 2015

E-SHEET NAME:

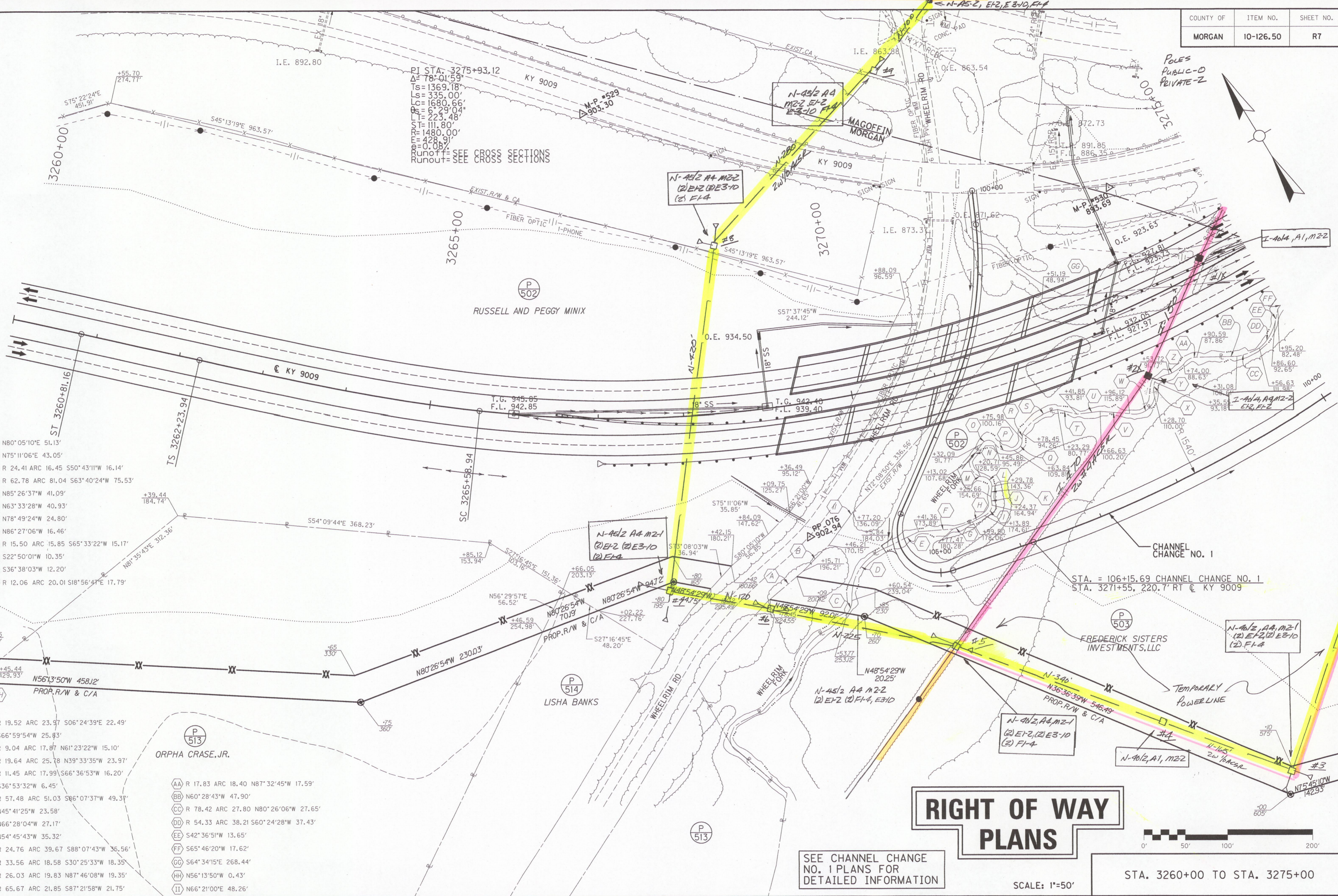
MicroStation v8.11.7.180

FILE NAME: J:\1204\ROADWAY\PLAN_SHEETS\PS_3260.DGN
 USER: dhensley
 DATE PLOTTED: April 15, 2015
 E-SHEET NAME:
 MicroStation v8.11.7.180

- A N80°05'10"E 51.13'
- B N75°11'06"E 43.05'
- C R 24.41 ARC 16.45 S50°43'11"W 16.14'
- D R 62.78 ARC 81.04 S63°40'24"W 75.53'
- E N85°26'37"W 41.09'
- F N63°33'28"W 40.93'
- G N78°49'24"W 24.80'
- H N86°27'06"W 16.46'
- I R 15.50 ARC 15.85 S65°33'22"W 15.17'
- J S22°50'01"W 10.35'
- K S36°38'03"W 12.20'
- L R 12.06 ARC 20.01 S18°56'47"E 17.79'

- M R 19.52 ARC 23.97 S06°24'39"E 22.49'
- N S66°59'54"W 25.83'
- O R 9.04 ARC 17.87 N61°23'22"W 15.10'
- P R 19.64 ARC 25.78 N39°33'35"W 23.97'
- Q R 11.45 ARC 17.99 S66°36'53"W 16.20'
- R S36°53'32"W 6.45'
- S R 57.48 ARC 51.03 S86°07'37"W 49.37'
- T N45°41'25"W 23.58'
- U N66°28'04"W 27.17'
- V N54°45'43"W 35.32'
- W R 24.76 ARC 39.67 S88°07'43"W 35.56'
- X R 33.56 ARC 18.58 S30°25'33"W 18.35'
- Y R 26.03 ARC 19.83 N87°46'08"W 19.35'
- Z R 65.67 ARC 21.85 S87°21'58"W 21.75'

- AA R 17.83 ARC 18.40 N87°32'45"W 17.59'
- BB N60°28'43"W 47.90'
- CC R 78.42 ARC 27.80 N80°26'06"W 27.65'
- DD R 54.33 ARC 38.21 S60°24'28"W 37.43'
- EE S42°36'51"W 13.65'
- FF S65°46'20"W 17.62'
- GG S64°34'15"E 268.44'
- HH N56°13'50"W 0.43'
- II N66°21'00"E 48.26'



RIGHT OF WAY PLANS

SEE CHANNEL CHANGE NO. 1 PLANS FOR DETAILED INFORMATION

SCALE: 1"=50'

STA. 3260+00 TO STA. 3275+00

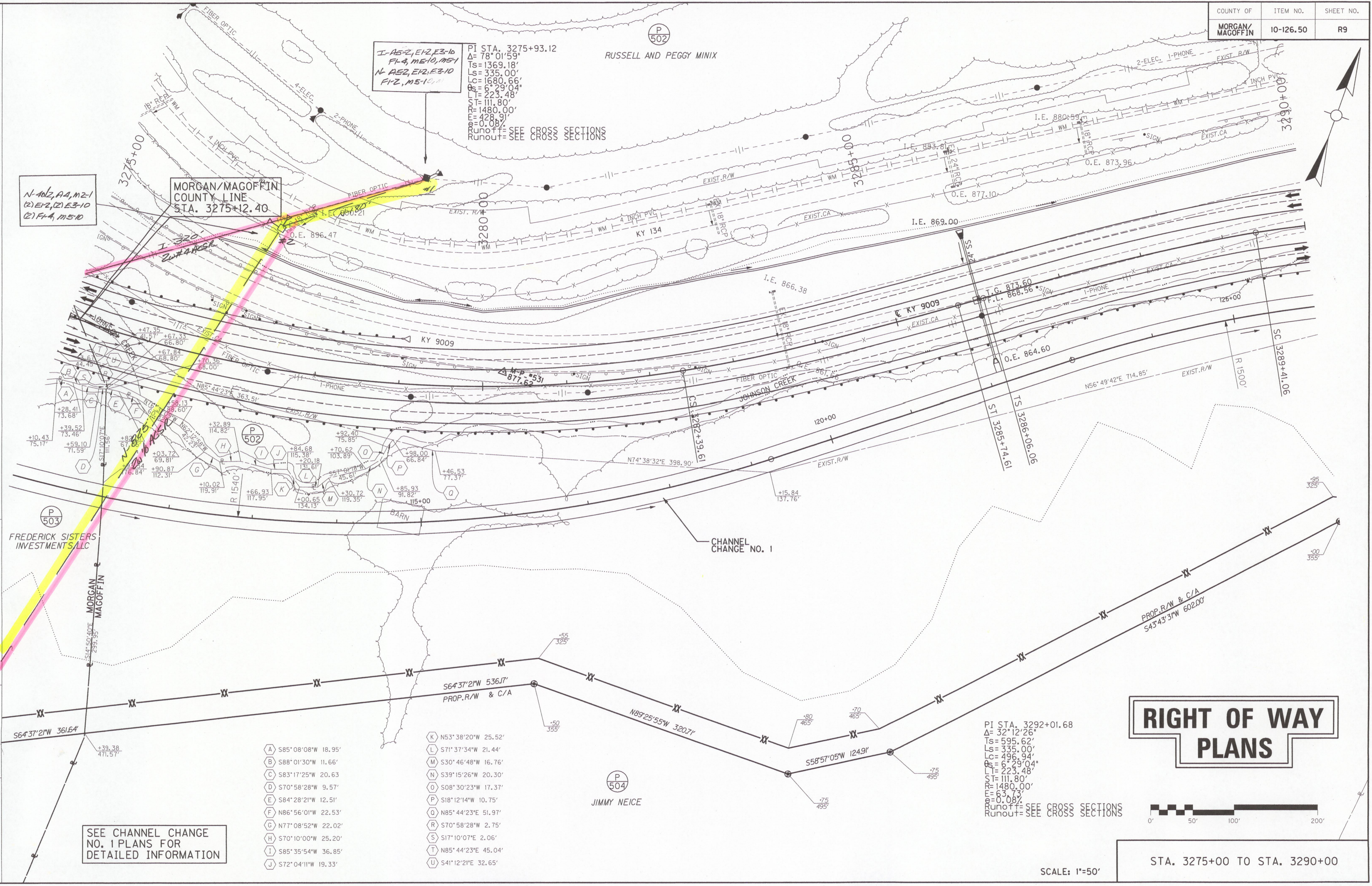
I-AE2, E2, E3-10
 FL-4, M5-10, M5-1
 N-AE2, E2, E3-10
 FL-2, M5-10

PI STA. 3275+93.12
 Δ= 78° 01' 59"
 Ts= 1369.18'
 Ls= 335.00'
 Lc= 1680.66'
 Os= 6° 29' 04"
 Lt= 223.48'
 ST= 111.80'
 R= 1480.00'
 E= 428.91'
 e= 0.087
 Runoff= SEE CROSS SECTIONS
 Runout= SEE CROSS SECTIONS

N-402, A4, M2-1
 (2) E2, (2) E3-10
 (2) FL-4, M5-10

MORGAN/MAGOFFIN
 COUNTY LINE
 STA. 3275+12.40

FILE NAME: J:\11204\ROADWAY\PLAN SHEETS\PS-3275.DGN
 USER: dhenisley
 DATE PLOTTED: April 15, 2015
 E-SHEET NAME:
 MicroStation v8.11.7.180

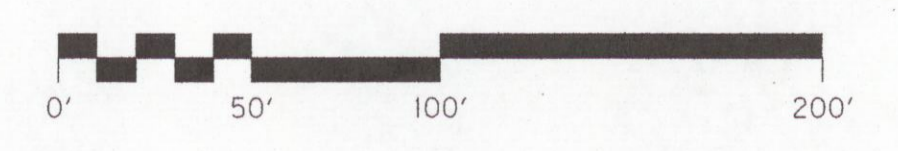


RIGHT OF WAY PLANS

- | | |
|---------------------------|---------------------------|
| (A) S85° 08' 08" W 18.95' | (K) N53° 38' 20" W 25.52' |
| (B) S88° 01' 30" W 11.66' | (L) S71° 37' 34" W 21.44' |
| (C) S83° 17' 25" W 20.63' | (M) S30° 46' 48" W 16.76' |
| (D) S70° 58' 28" W 9.57' | (N) S39° 15' 26" W 20.30' |
| (E) S84° 28' 21" W 12.51' | (O) S08° 30' 23" W 17.37' |
| (F) N86° 56' 01" W 22.53' | (P) S18° 12' 14" W 10.75' |
| (G) N77° 08' 52" W 22.02' | (Q) N85° 44' 23" E 51.97' |
| (H) S70° 10' 00" W 25.20' | (R) S70° 58' 28" W 2.75' |
| (I) S85° 35' 54" W 36.85' | (S) S17° 10' 07" E 2.06' |
| (J) S72° 04' 11" W 19.33' | (T) N85° 44' 23" E 45.04' |
| | (U) S41° 12' 21" E 32.65' |

SEE CHANNEL CHANGE NO. 1 PLANS FOR DETAILED INFORMATION

PI STA. 3292+01.68
 Δ= 32° 12' 26"
 Ts= 595.62'
 Ls= 335.00'
 Lc= 496.94'
 Os= 6° 29' 04"
 Lt= 223.48'
 ST= 111.80'
 R= 1480.00'
 E= 63.73'
 e= 0.087
 Runoff= SEE CROSS SECTIONS
 Runout= SEE CROSS SECTIONS



SCALE: 1"=50'

STA. 3275+00 TO STA. 3290+00

LT. STA. 3335+00 TO 3341+50
REMOVE 650 LF OF FENCE

LT. STA. 3335+00 TO 3341+50
CONST. 650 LF OF WOVEN
WIRE FENCE TY 1

LT. STA. 3335+00 TO STA. 3339+64
REMOVE 464 LF OF GUARDRAIL

LT. STA. 3335+00 TO STA. 3342+84
REMOVE 785 LF OF GUARDRAIL

LT. STA. 3335+00 TO 3350+00
CONST. 1500 LF STEEL W BEAM
GUARDRAIL-SINGLE FACE

STA. 3337+83 LT CONST. 20' ENTRANCE

SHEILA ARCHER

DITCH CONSTRUCTION LEFT @				
STA. TO STA.	DESCRIPTION	CHANNEL LINING		
		TYPE	DEPTH	QUANTITY
3335+00-3337+50	2' F.B. SURF.	ECB	1'	180 SY
3337+83	2' F.B. INLET	CL IV	1.5'	7 CY
3338+50-3339+50	2' F.B. SURF.	ECB	1'	72 SY
3340+00-3340+89	SPEC. "V"	ECB	1'	82 SY
3340+89-3341+50	2' F.B. SURF.	ECB	1'	44 SY
3349+00-3350+00	2' F.B. SURF.	CL IV	1'	47 CY

LT. STA. 3345+40 TO STA. 3350+00
REMOVE 461 LF OF GUARDRAIL

MED. STA. 3346+96 TO 3350+00 CONST.
112.5 LF STEEL W BEAM GUARDRAIL-
SINGLE FACE, 137.5 LF STEEL W BEAM
GUARDRAIL - DOUBLE FACE WITH I-BRIDGE
END CONNECTOR TY-A, 1-CRASH CUSHION
TY IX AND I-TERMINAL SECTION NO.1

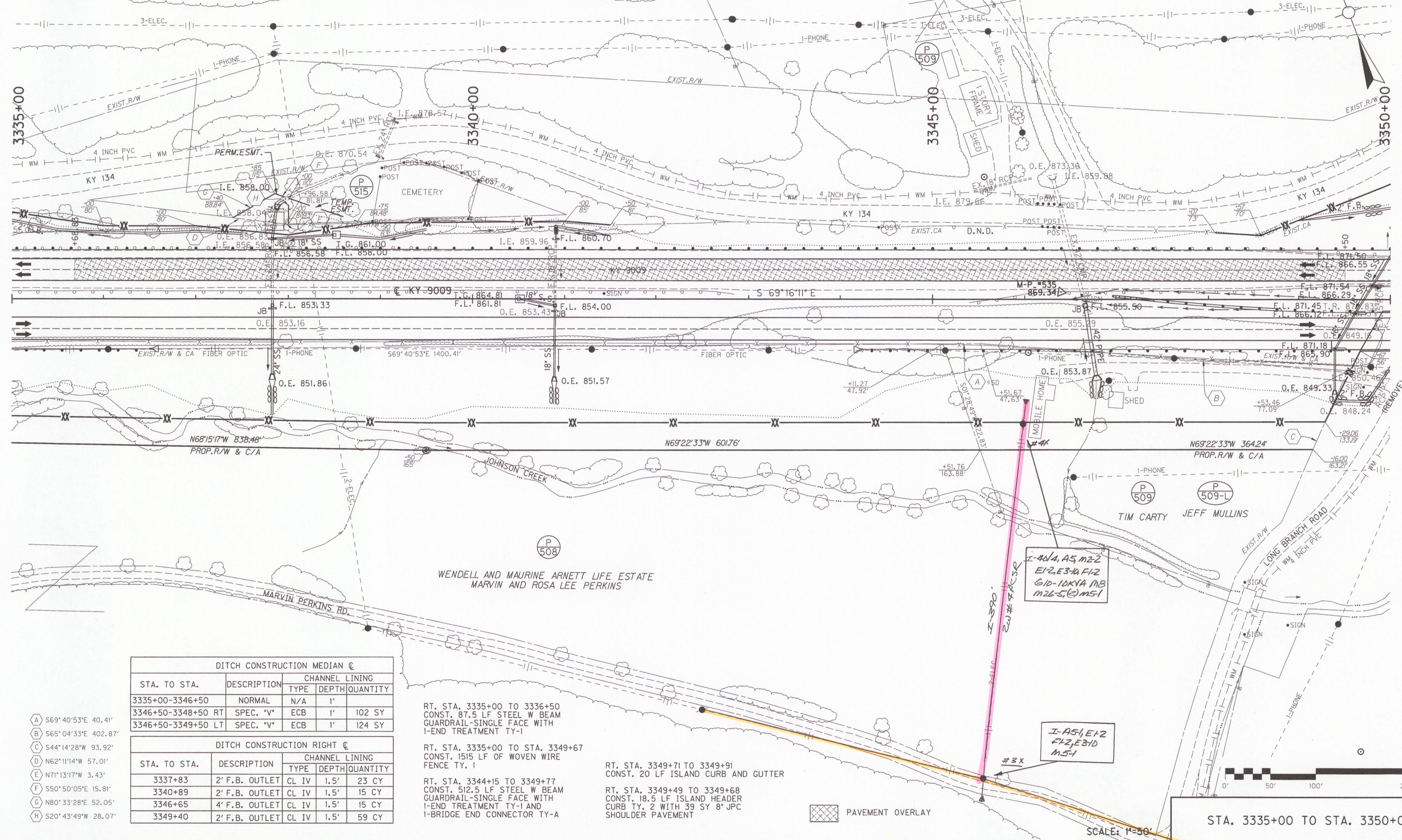
LT. STA. 3347+02 TO STA. 3350+00
REMOVE 298 LF OF GUARDRAIL

LT. STA. 3348+07 TO 3350+00
REMOVE AND/REPLACE
204 LF OF FENCE

LT. STA. 3349+90 TO 3350+00
CONST. 10' LF ISLAND CURB
AND GUTTER

LT. STA. 3349+91 TO 3350+00
CONST. 9 LF STEEL W BEAM
GUARDRAIL-SINGLE FACE

COUNTY OF	ITEM NO.	SHEET NO.
MAGOFFIN	10-126.50	R17



DITCH CONSTRUCTION MEDIAN @				
STA. TO STA.	DESCRIPTION	CHANNEL LINING		
		TYPE	DEPTH	QUANTITY
3335+00-3346+50	NORMAL	N/A	1'	
3346+50-3348+50 RT	SPEC. "V"	ECB	1'	102 SY
3346+50-3349+50 LT	SPEC. "V"	ECB	1'	124 SY

DITCH CONSTRUCTION RIGHT @				
STA. TO STA.	DESCRIPTION	CHANNEL LINING		
		TYPE	DEPTH	QUANTITY
3337+83	2' F.B. OUTLET	CL IV	1.5'	23 CY
3340+89	2' F.B. OUTLET	CL IV	1.5'	15 CY
3346+65	4' F.B. OUTLET	CL IV	1.5'	15 CY
3349+40	2' F.B. OUTLET	CL IV	1.5'	59 CY

RT. STA. 3335+00 TO 3336+50
CONST. 87.5 LF STEEL W BEAM
GUARDRAIL-SINGLE FACE WITH
I-END TREATMENT TY-1

RT. STA. 3335+00 TO STA. 3349+67
CONST. 1515 LF OF WOVEN WIRE
FENCE TY. 1

RT. STA. 3344+15 TO 3349+77
CONST. 512.5 LF STEEL W BEAM
GUARDRAIL-SINGLE FACE WITH
I-END TREATMENT TY-1 AND
I-BRIDGE END CONNECTOR TY-A

RT. STA. 3349+71 TO 3349+91
CONST. 20 LF ISLAND CURB AND GUTTER

RT. STA. 3349+49 TO 3349+68
CONST. 18.5 LF ISLAND HEADER
CURB TY. 2 WITH 39 SY 8' JPC
SHOULDER PAVEMENT

PAVEMENT OVERLAY

- A S69°40'53"E 40.41'
- B S65°04'33"E 402.87'
- C S44°14'28"W 93.92'
- D N62°11'14"W 57.01'
- E N71°13'17"W 3.43'
- F S50°50'05"E 15.81'
- G N80°33'28"E 52.05'
- H S20°43'49"W 28.07'

FILE NAME: J:\N1204\ROADWAY\PLAN_SHEETS\PS_3335.DGN
 USER: mruberg
 DATE PLOTTED: April 8, 2016
 E-SHEET NAME:
 MicroStation v8.11.9.357