

COUNTY OF	ITEM NO.	SHEET NO.
Muhlenberg	2-8802.00	R1



Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS

PLANS OF PROPOSED PROJECT Muhlenberg County

KY 181

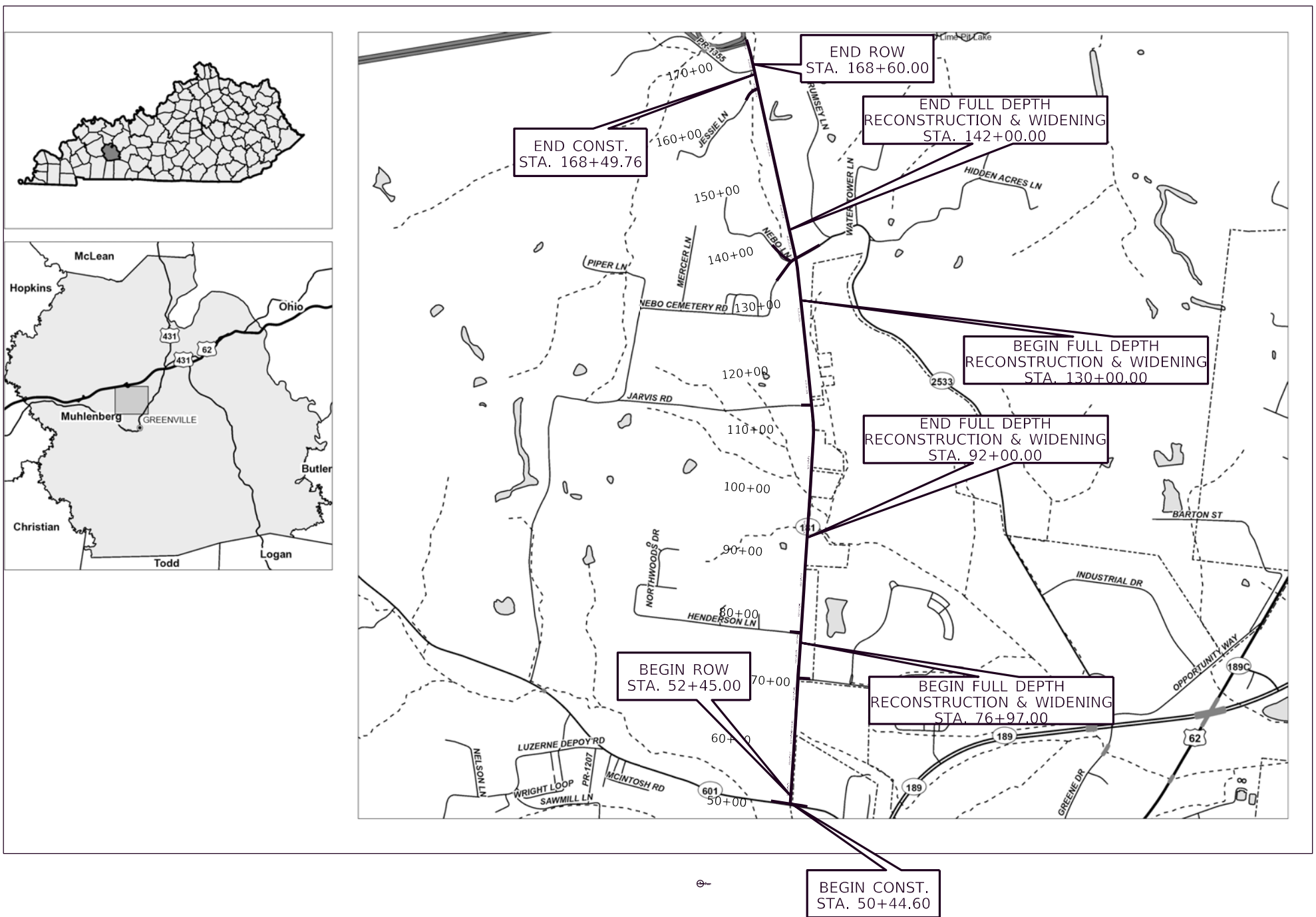
FD52 089 0181 012-016; 6000178

THESE PLANS ARE FOR GRADE, DRAIN, AND SURFACING

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
R1	LAYOUT SHEET
R1a	RIGHT OF WAY REVISION SHEET
R2-R2d	TYPICAL SECTIONS
R3	ROADWAY LEGEND & UTILITY OWNERS SHEET
R4-R29	PLAN AND PROFILE SHEETS
R30-R33	RIGHT OF WAY SUMMARY SHEETS
R34-R38	RIGHT OF WAY STRIP MAP SHEETS
R39-R43	COORDINATE CONTROL AND ROW MONUMENTAION SHEETS
SHEETS NOT INCLUDED IN TOTAL SHEETS	
R2a, R2b, R2c, R2d, R2e, R2f, R2g	

STANDARD DRAWINGS

RDB-011-08	RGX-001-06
RDD-040-05	RGX-005-06
RDI-001-10	RGX-060-01
RDI-002-05	RGX-200-01
RDI-003-05	RPM-110-07
RDI-011-03	TPM-115-03
RDI-020-10	TPM-175
RDI-021-01	TPM-206
RDI-025-06	TPM-207
RDI-026-01	TPR-110
RDI-035-02	TPR-115
RDI-040-01	TPR-120
RDI-041-01	TPR-125
RDI-100-05	TTC-100-05
RDI-120-04	TTD-120-03
RDX-160-06	TTD-125-03
RDX-210-03	TTD-135-02
RDX-220-05	BDP-001-06
RDX-225-01	BGX-006-10
RDX-230-01	BGX-012-02
RG5-001-07	BGX-018
	BSC-002



RIGHT OF WAY PLANS

THIS PROJECT IS OFF THE NH SYSTEM

THE CONTROL OF ACCESS ON THIS PROJECT SHALL BE BY PERMIT

DESIGN CRITERIA

CLASS OF HIGHWAY	RURAL MINOR COLLECTOR		
TYPE OF TERRAIN	ROLLING		
DESIGN SPEED	55 MPH		
REQUIRED NPSD	495 FT		
REQUIRED PSD	1985 FT		
LEVEL OF SERVICE	X		
ADT PRESENT (2018)	3,007		
ADT FUTURE (X)	X		
DHV	X		
D %	X		
T %	11%		

GEOGRAPHIC COORDINATES

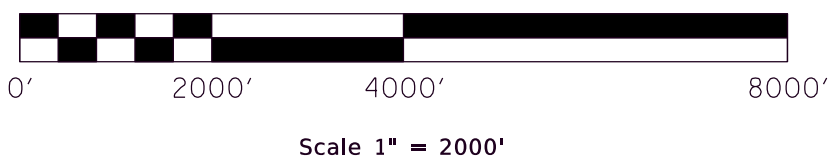
LATITUDE 37 DEGREES 13 MINUTES 39 SECONDS NORTH
LONGITUDE 87 DEGREES 11 MINUTES 36 SECONDS WEST

DESIGNED

% RESTRICTED SD X

LEVEL OF SERVICE X

MAX. DISTANCE W/O PASSING X



LENGTH <u>11,805.16</u> LIN. FT. <u>2,236</u> MILES	LENGTH <u>X</u> LIN. FT. <u>X</u> MILES	LENGTH <u>X</u> LIN. FT. <u>X</u> MILES	LENGTH <u>X</u> LIN. FT. <u>X</u> MILES
ADDED <u>DELETED</u> <u>7</u> FOR EQUALITIES <u>X</u> LIN. FT.	ADDED <u>DELETED</u> <u>7</u> FOR EQUALITIES <u>X</u> LIN. FT.	ADDED <u>DELETED</u> <u>7</u> FOR EQUALITIES <u>X</u> LIN. FT.	ADDED <u>DELETED</u> <u>7</u> FOR EQUALITIES <u>X</u> LIN. FT.
NOT INCLUDED	NOT INCLUDED	NOT INCLUDED	NOT INCLUDED
RAILROAD CROSSINGS NO. <u>X</u> LIN. FT.	RAILROAD CROSSINGS NO. <u>X</u> LIN. FT.	RAILROAD CROSSINGS NO. <u>X</u> LIN. FT.	RAILROAD CROSSINGS NO. <u>X</u> LIN. FT.
BRIDGES <u>X</u> LIN. FT.	BRIDGES <u>X</u> LIN. FT.	BRIDGES <u>X</u> LIN. FT.	BRIDGES <u>X</u> LIN. FT.
<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>

Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS
COUNTY OF
Muhlenberg

ITEM NO.	2-8802.00
PROJECT	FD52 089 0181 012-016
NUMBER:	STP 6000(178)
LETTING DATE:	X

RECOMMENDED BY: JEAN JONES X
PROJECT MANAGER DATE:

PLAN APPROVED BY: _____ STATE HIGHWAY ENGINEER DATE: _____

COUNTY OF	ITEM NO.	SHEET NO.
Muhlenberg	2-8802.00	R1a

REVISED PLANS DATE: APRIL 5, 2022

RIGHT OF WAY REVISION NO. 1	
REVISED PLANS DATE:	APRIL 5, 2022
SHEETS REVISED:	R6, R10, R11, R12, R14, R16, R30, R31, R32, R33, R34, R35, R36, R37, R39, R40, R41, R42
PARCELS INVOLVED:	P7, P9, P10, P12, P13, P20, P22, P43, P44, P45, P54, P60, P71, P72, P74, P76, P78, P79, P80, P82, P83, P84, P85, P86, P90, P91
REMARKS:	The purpose of this revision is to: Combine Parcels P7 and P9 into a single Parcel P7. Combine Parcels P10 and P12 into a single Parcel P10. Remove temporary easement from Parcel P12. Adjust temporary easement line on Parcel P13. Adjust right of way line on Parcel P20. Add temporary easement to Parcel P20. Change ownership of Parcel P22. Change existing right of way line to property line on Parcel P44. Add proposed right of way and temporary easement to Parcel P44. Combine Parcels P43 and P45 into a single Parcel P43. Adjust KY 181 profile grade from Sta. 99+50 to 100+50. Change ownership of Parcel P54. Add note to remove sign from Parcel P60. Combine Parcels P71, P72, P74, and P76 into a single Parcel P71. Change ownership of Parcel P78. Change ownership of Parcel P79. Combine Parcels P78 and P79 into a single Parcel P78. Remove proposed right of way and adjusted temporary easement on Parcel P80. Add note to remove garage on Parcel P82. Change ownership of Parcel P83. Change ownership of Parcel P84. Add note to remove sign on Parcel P85. Change ownership of Parcel P86. Add Z bar to Parcel P90, joining to Parcel to the east. Change permanent easement on Parcel P91 to temporary easement. Update Right of Way Summary tables with preceding changes.

RIGHT OF WAY
PLANS

FILE NAME: F:\ENGR\HD\1355-05 KY 181 WIDENING - MUHLENBERG\PHASE II\CAD\PLAN PRODUCTION\DETAILS\02_8802_TYPICALS.DGN

USER: mmaxfield
DATE PLOTTED: September 7, 2005

OpenRoads Designer v10.14.4.4

TYPICAL SECTIONS

KY 181

COUNTY OF	ITEM NO.	SHEET NO.
Muhlenberg	2-8802.00	R2

PAVEMENT SCHEDULE KY 181

DRIVING LANE OVERLAY:

1.5" CL2 ASPHALT SURFACE 0.38D PG64-22

SHOULDER DEPTH:

12" FABRIC WRAPPED CRUSHED AGGREGATE SIZE NO. 2

4" CRUSHED STONE BASE

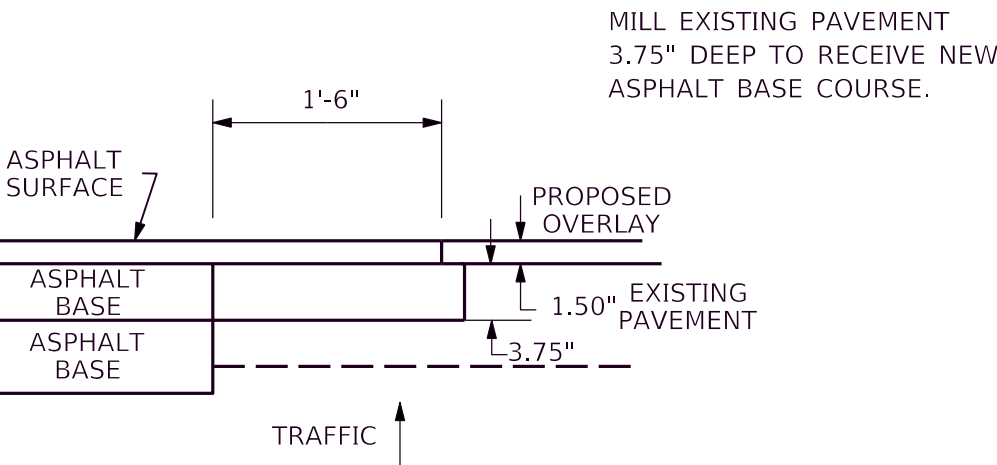
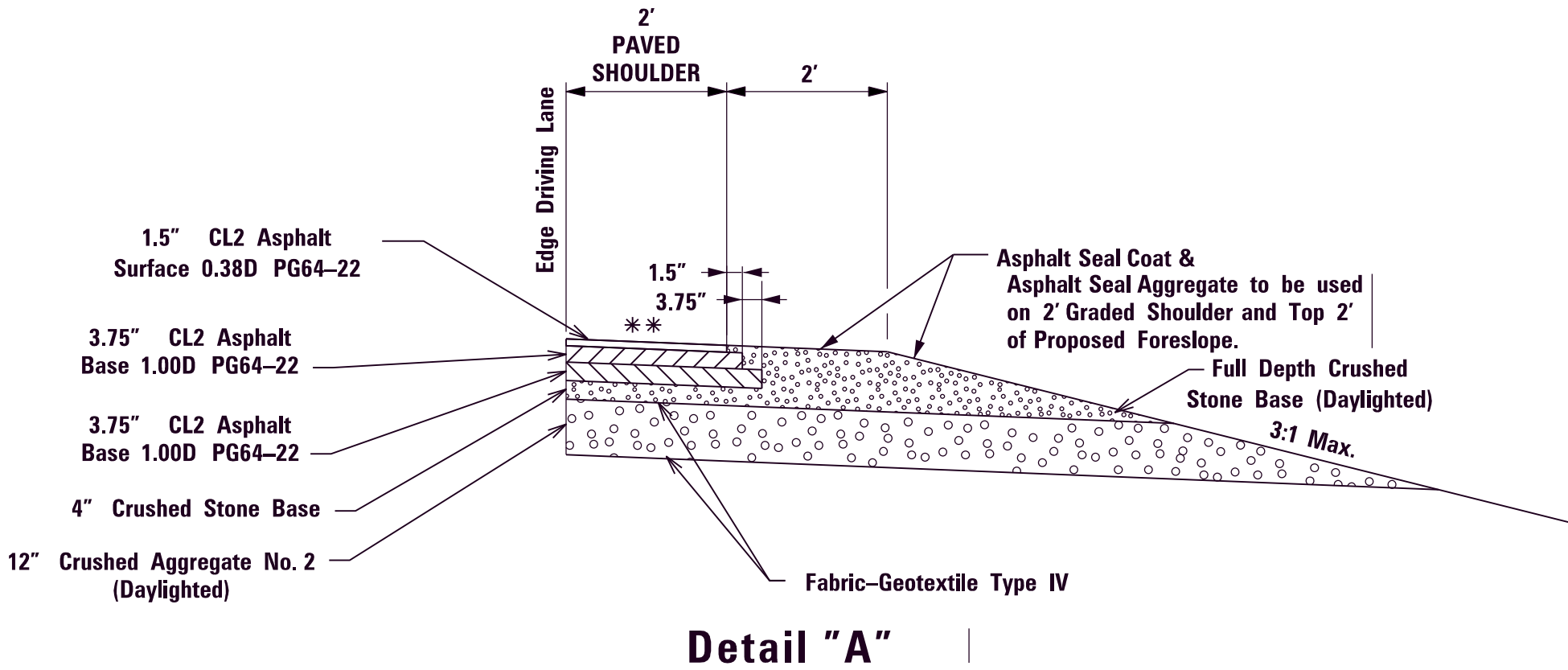
7.5" CL2 ASPHALT BASE 1.00D PG64-22 (3.75" + 3.75")

1.5" CL2 ASPHALT SURFACE 0.38D PG64-22

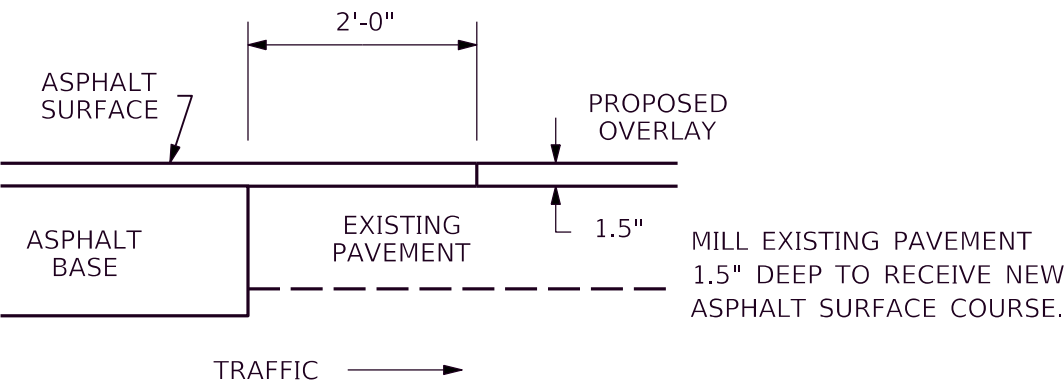
* ASPHALT SEAL COAT REQUIRED ON GRADED SHOULDER
AND TOP 2' OF PROPOSED FORESLOPE WITH TWO APPLICATIONS
OF THE FOLLOWING :

ASPHALT SEAL COAT2.40 lb./sq.yd.

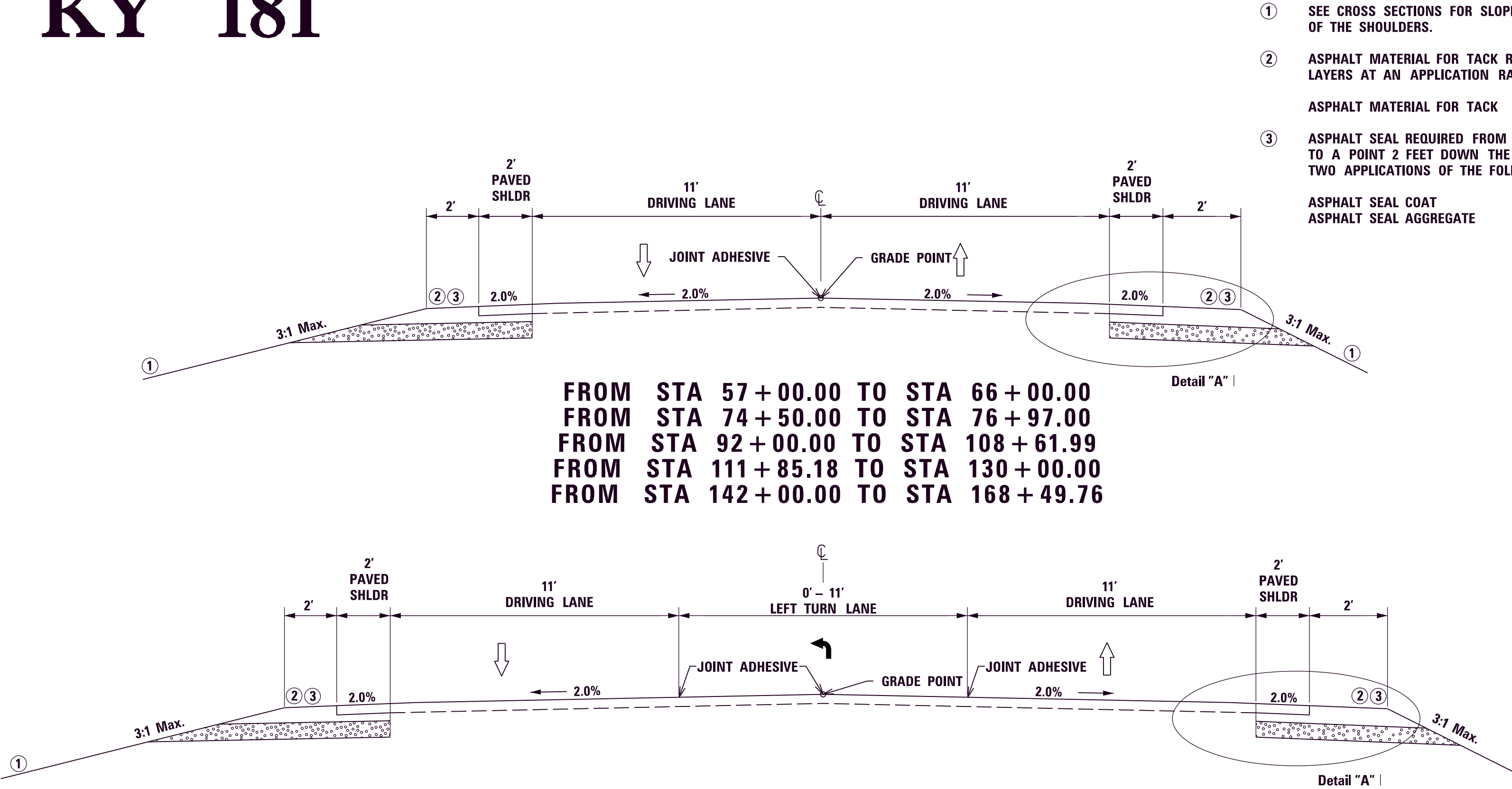
ASPHALT SEAL AGGREGATE20 lb./sq.yd.



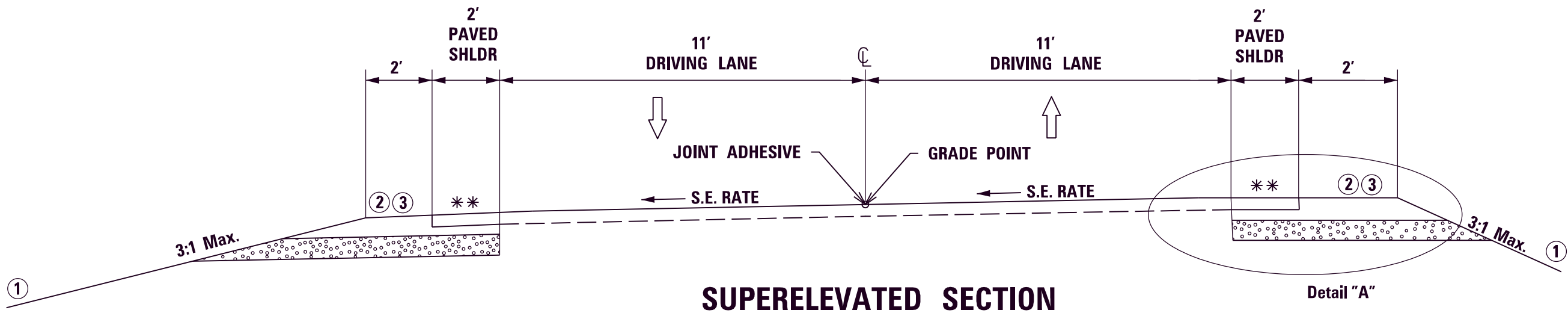
LONGITUDINAL EDGE KEY DETAIL



EDGE KEY DETAIL



FROM STA 50 + 44.60 TO STA 57 + 00.00
FROM STA 66 + 00.00 TO STA 74 + 50.00



SUPERELEVATED SECTION

MAINLINE SHOULDER ONLY (KY 181)

FROM STA 108 + 61.99 TO STA 111 + 85.18

** SUPERELEVATED SHOULDERS SHALL BE CONSTRUCTED
TO STANDARD SUPERELEVATION EXCEPT NOT FLATTER
THAN SLOPES INDICATED FOR NORMAL SLOPES.

- SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDERS.
- ASPHALT MATERIAL FOR TACK REQUIRED BETWEEN ALL ASPHALT LAYERS AT AN APPLICATION RATE OF:
ASPHALT MATERIAL FOR TACK 0.84 LBS /SQ. YD.
- ASPHALT SEAL REQUIRED FROM OUTSIDE EDGE OF PAVEMENT TO A POINT 2 FEET DOWN THE DITCH OR FILL SLOPE. TWO APPLICATIONS OF THE FOLLOWING:
ASPHALT SEAL COAT 2.4 LBS./SQ. YD.
ASPHALT SEAL AGGREGATE 20 LBS./SQ. YD. (SIZE #8 OR 9M)

RIGHT OF WAY
PLANS

TYPICAL SECTIONS

FILE NAME: F:\ENGR\RD1355-05 KY 181 WIDENING - MUHLENBERG\PHASE II\CAD\PLAN PRODUCTION\DETAILS\02_8802_TYPICALS.DGN
USER: hbruce
DATE PLOTTED: September 7, 2005
OpenRoads Designer v10.14.4.4

COUNTY OF	ITEM NO.	SHEET NO.
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TYPICAL SECTIONS

KY 181

PAVEMENT SCHEDULE KY 181

MAINLINE FULL DEPTH:

12" FABRIC WRAPPED CRUSHED AGGREGATE SIZE NO. 2
4" CRUSHED STONE BASE
7.5" CL2 ASPHALT BASE 1.00D PG64-22 (3.75" + 3.75")
1.5" CL2 ASPHALT SURFACE 0.38D PG64-22

SHOULDER DEPTH:

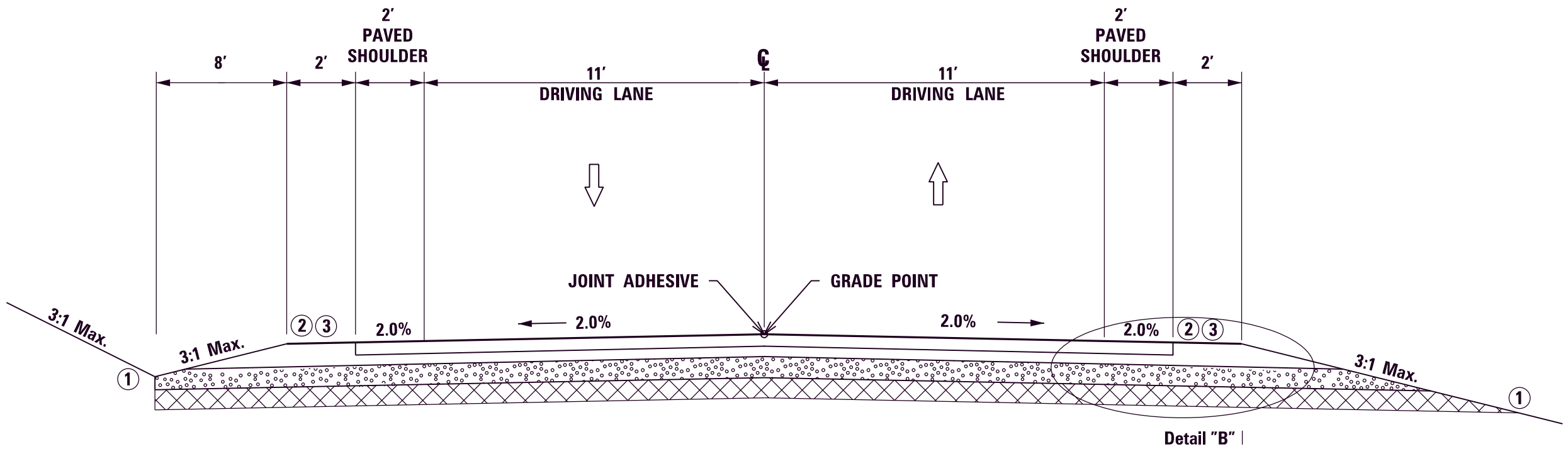
12" FABRIC WRAPPED CRUSHED AGGREGATE SIZE NO. 2
4" CRUSHED STONE BASE
7.5" CL2 ASPHALT BASE 1.00D PG64-22 (3.75" + 3.75")
1.5" CL2 ASPHALT SURFACE 0.38D PG64-22

ROADBED PREPARATION:

CEMENT STABILIZED ROADBED (8")
CEMENT (8", CBR=3, 6%, 106 PCF)
ASPHALT CURING SEAL (2.0LB/SY)
SAND FOR BLOTTER (5.0 LY/SY)

ASPHALT SEAL COAT REQUIRED ON GRADED SHOULDER
AND TOP 2' OF PROPOSED FORESLOPE WITH TWO APPLICATIONS
OF THE FOLLOWING :

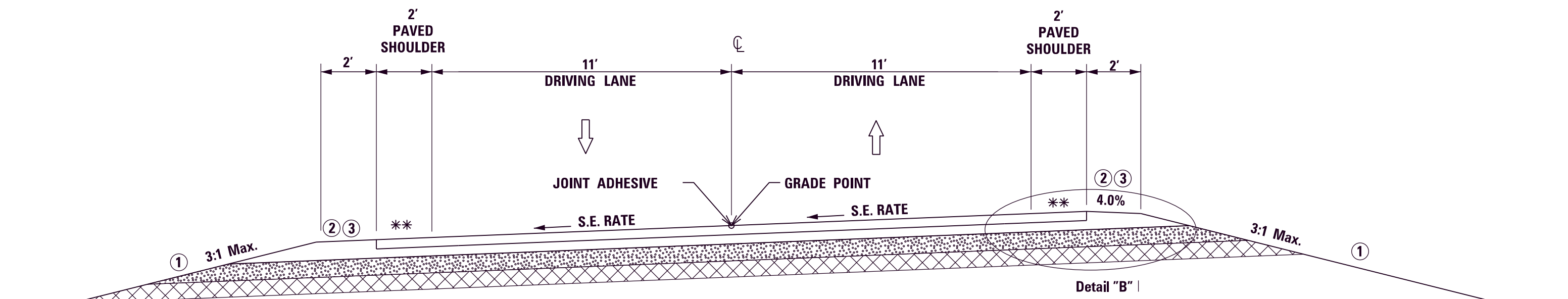
ASPHALT SEAL COAT2.40 lb./sq.yd.
ASPHALT SEAL AGGREGATE20 lb./sq.yd.



NORMAL FULL DEPTH SECTION

FROM STA 76+97.00 TO STA 92+00.00
FROM STA 130+00.00 TO STA 134+93.34
FROM STA 137+92.33 TO STA 142+00.00

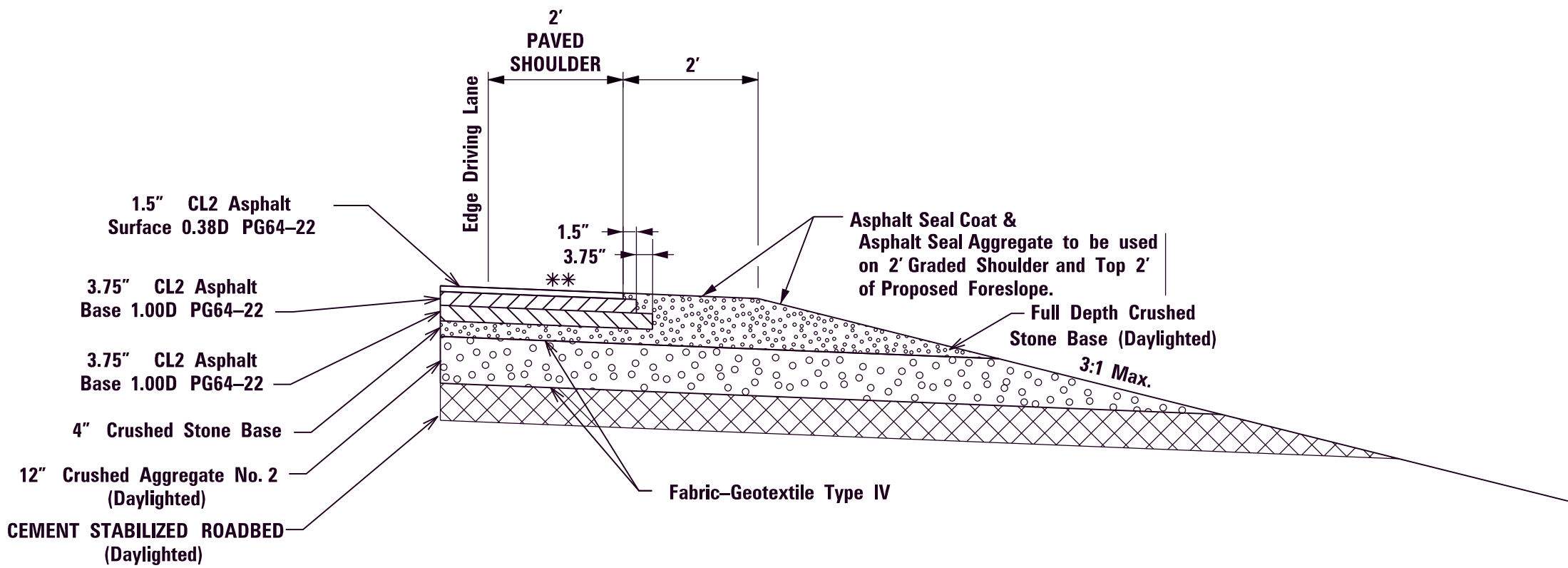
MAINLINE (KY 181)



SUPERELEVATED SECTION

MAINLINE FULL DEPTH (KY 181)

FROM STA 134+93.34 TO STA 137+92.32



Detail "B"

RIGHT OF WAY
PLANS

TYPICAL SECTIONS

** SUPERELEVATED SHOULDERS SHALL BE CONSTRUCTED
TO STANDARD SUPERELEVATION EXCEPT NOT FLATTER
THAN SLOPES INDICATED FOR NORMAL SLOPES.

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TYPICAL SECTIONS

KY 181

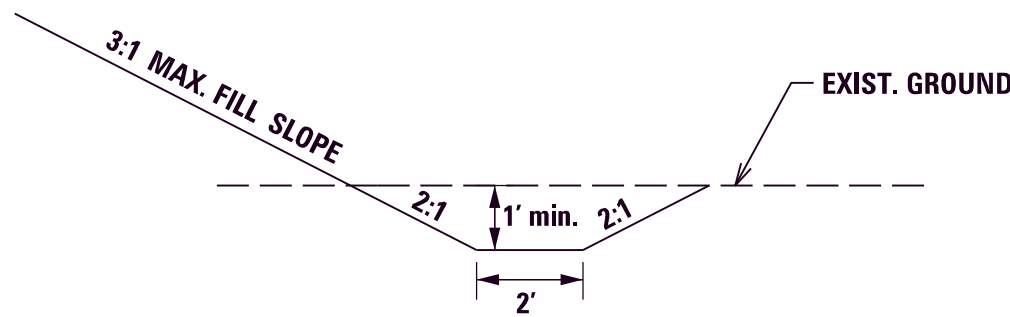
PAVEMENT SCHEDULE KY 181

ENTRANCES (ASPHALT) :

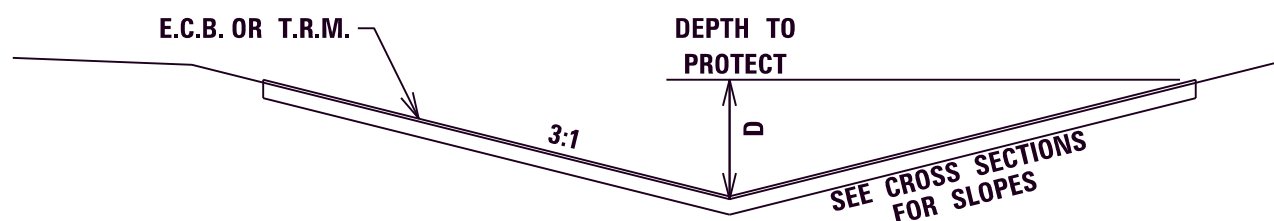
4" CRUSHED STONE BASE
3.75" CL2 ASPHALT BASE 1.00D PG64-22
1.5" CL2 ASPHALT SURFACE 0.38D PG64-22

ENTRANCES (CONCRETE) :

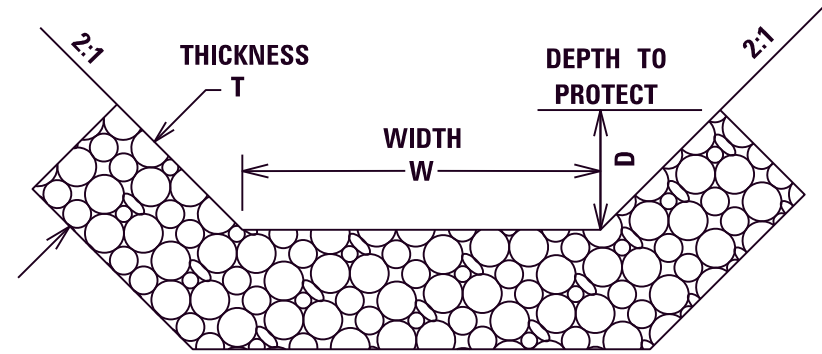
4" CRUSHED STONE BASE
8" JPC PAVEMENT



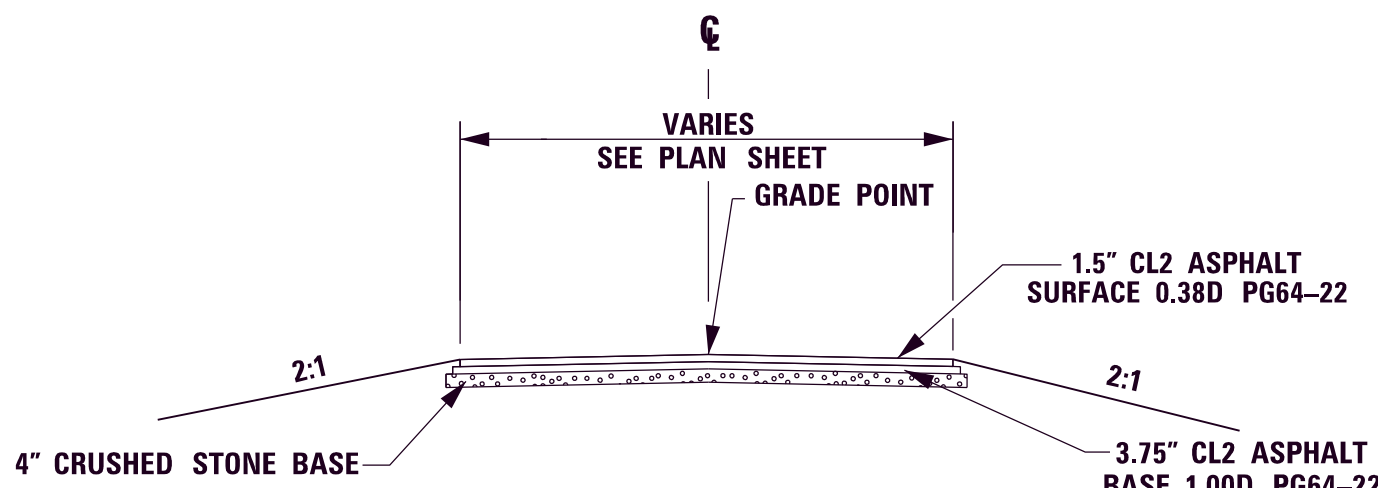
NORMAL 2' F.B. SURFACE DITCH



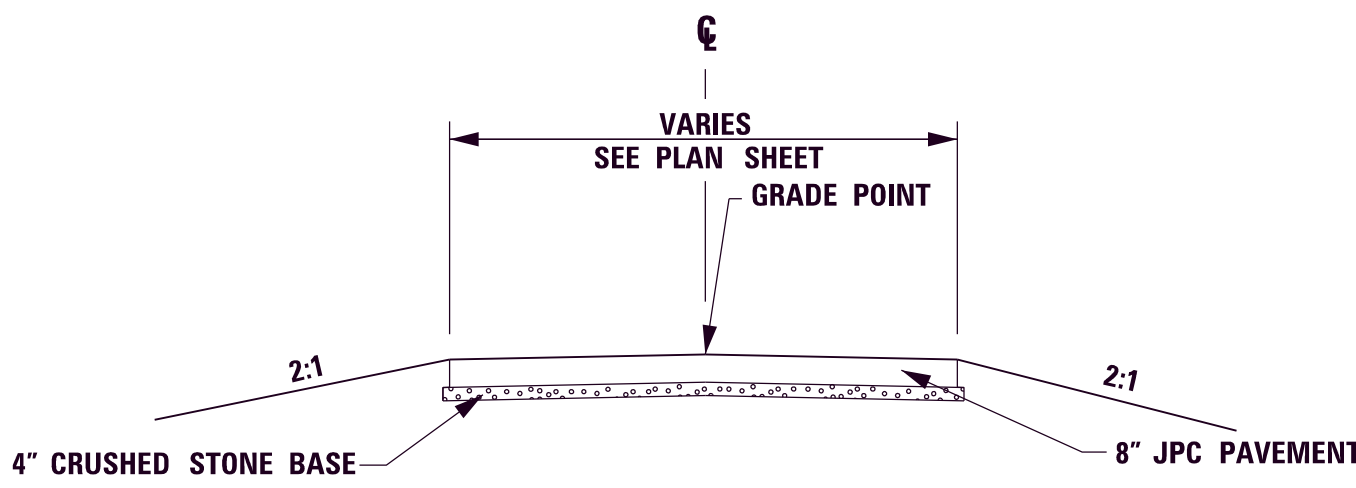
TYPICAL E.C.B.
OR T.R.M. LINED DITCH
FLAT BOTTOM DITCHES ARE SIMILAR
TO THIS DETAIL WITH A DIFFERENT SHAPE



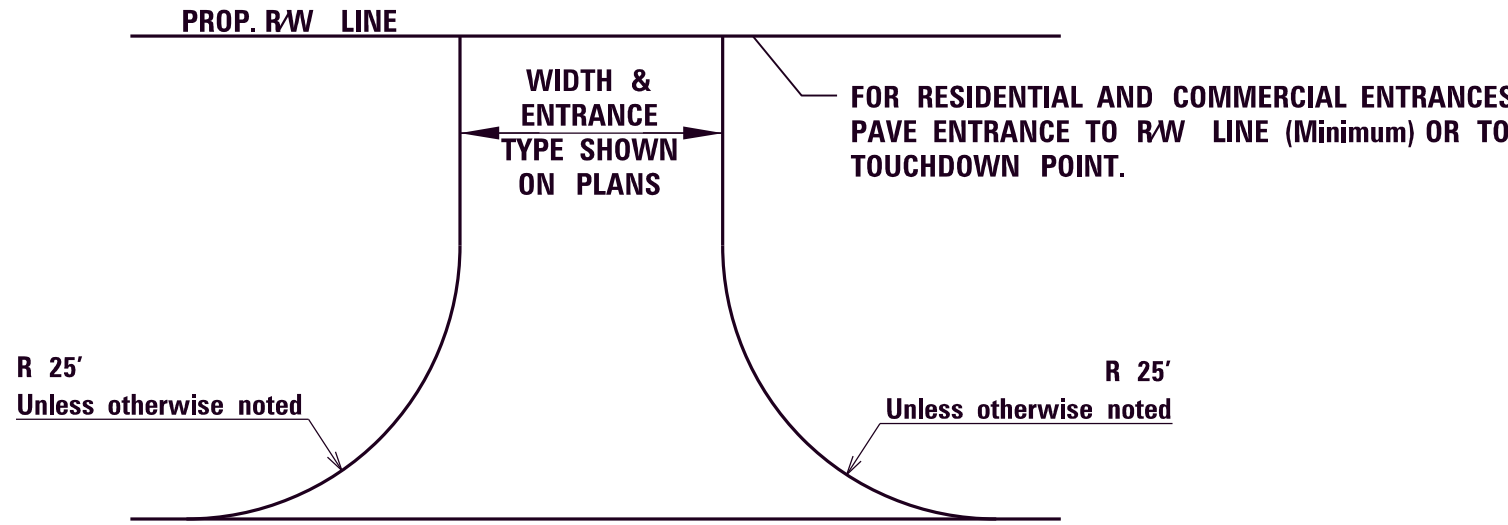
TYPICAL CHANNEL LINED DITCH
CLASS II
SEE TABLE ON PLAN SHEETS FOR DIMENSIONING



ENTRANCE TYPICAL
(ASPHALT)



ENTRANCE TYPICAL
(CONCRETE)



TYPICAL ENTRANCE DETAIL

RIGHT OF WAY
PLANS

TYPICAL SECTIONS

FILE NAME: F:\ENGR\HD\1355.05 KY 181 WIDENING - MUHLENBERG\PHASE II\CAD\PLAN PRODUCTION\DETAILS\02_8802_TYPICALS.DGN

USER: acarpenter
DATE PLOTTED: September 7, 2005

OpenRoads Designer v10.14.4.4

FILE NAME: F:\ENGR\HD\1355-05 KY 181 WIDENING - MUHLENBERG\PHASE II\CAD\PLAN PRODUCTION\DETAILS\02_8802_TYPICALS.DGN

USER: hbruce
DATE PLOTTED: September 7, 2005

OpenRoads Designer v10.14.4.4

COUNTY OF	ITEM NO.	SHEET NO.
Muhlenberg	2-8802.00	R2c

TYPICAL SECTIONS APPR. ROADS OVERLAY SECTIONS

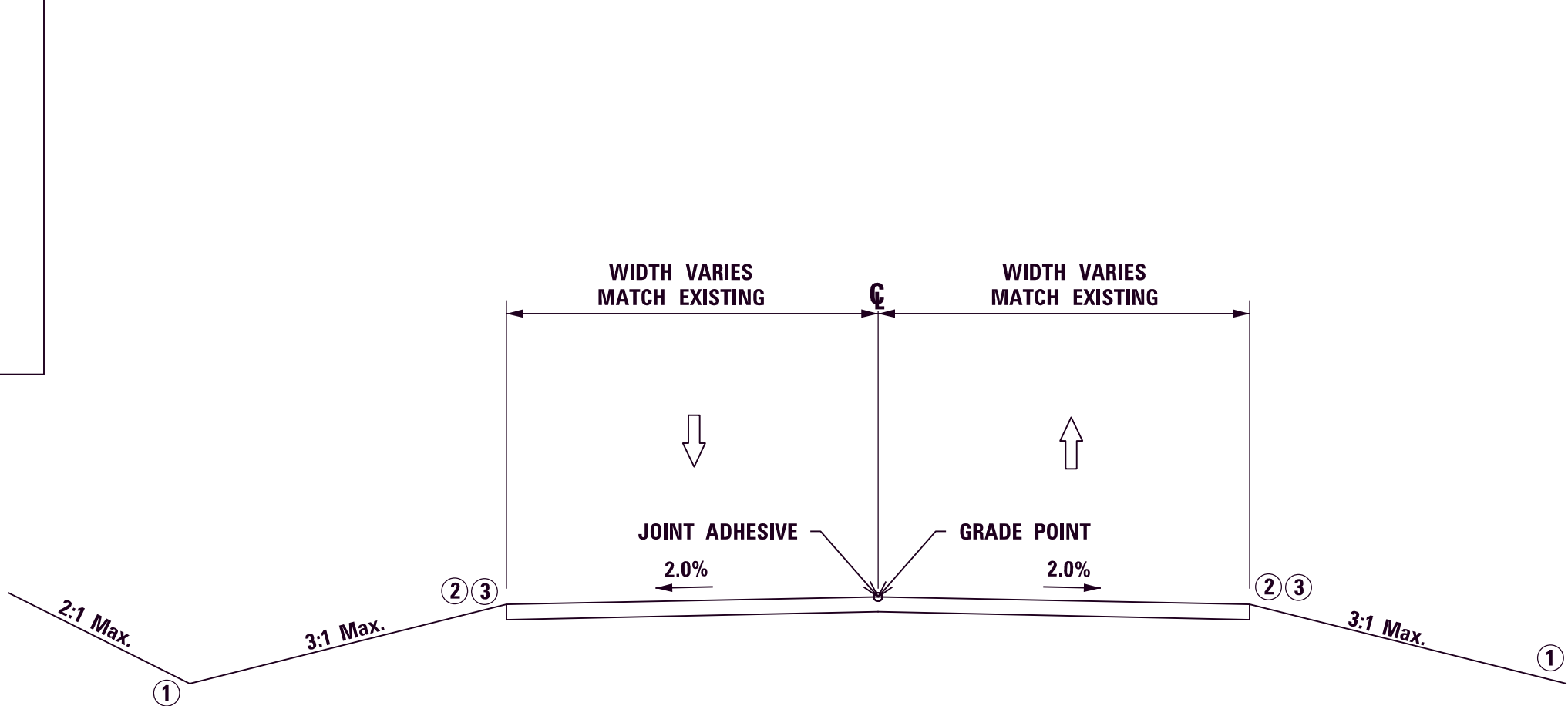
PAVEMENT SCHEDULE APPR. ROADS:

MUSTANG WAY, JARVIS LN, STOBAUGH LN.
TRAFFIC LANES:

1.5" CL2 ASPHALT SURFACE 0.38D PG64-22

* ASPHALT SEAL COAT REQUIRED ON GRADED SHOULDER
AND TOP 2' OF PROPOSED FORESLOPE WITH TWO APPLICATIONS
OF THE FOLLOWING :

ASPHALT SEAL COAT2.40 lb./sq.yd.
ASPHALT SEAL AGGREGATE20 lb./sq.yd.



- ① SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDERS.
- ② ASPHALT MATERIAL FOR TACK REQUIRED BETWEEN ALL ASPHALT LAYERS AT AN APPLICATION RATE OF:
ASPHALT MATERIAL FOR TACK 0.84 LBS /SQ. YD.
- ③ ASPHALT SEAL REQUIRED FROM OUTSIDE EDGE OF PAVEMENT TO A POINT 2 FEET DOWN THE DITCH OR FILL SLOPE. TWO APPLICATIONS OF THE FOLLOWING:
ASPHALT SEAL COAT 2.4 LBS./SQ. YD.
ASPHALT SEAL AGGREGATE 20 LBS./SQ. YD. (SIZE #8 OR 9M)

NORMAL OVERLAY SECTION
FROM STA 50+00.00 TO 50+69.13
MUSTANG WAY

NORMAL OVERLAY SECTION
FROM STA 48+96.93 TO 50+00.00
JARVIS LN

NORMAL OVERLAY SECTION
FROM STA 49+30.23 TO STA 50+00.00
STOBAUGH LN.

RIGHT OF WAY
PLANS

TYPICAL SECTIONS

COUNTY OF	ITEM NO.	SHEET NO.
Muhlenberg	2-8802.00	R2d

TYPICAL SECTIONS

APPR. ROADS

FULL DEPTH

PAVEMENT SCHEDULE APPR. ROADS FULL DEPTH:

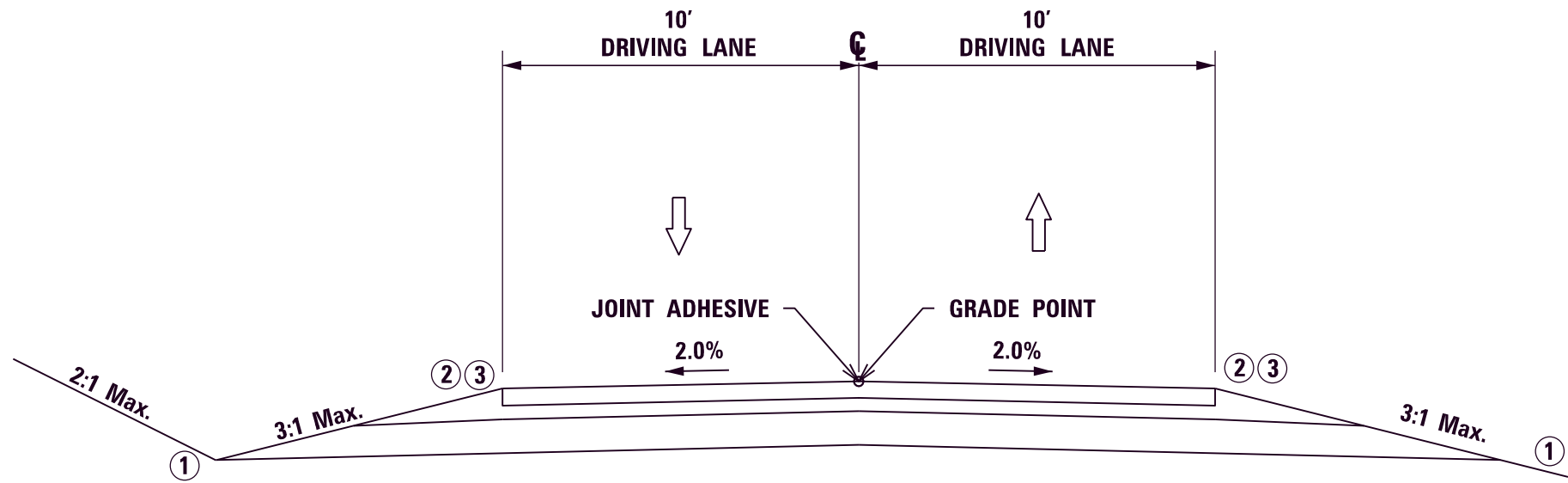
HENDERSON LN., KY 2533, NEBO CEMETERY RD.,
& NEBO LANE TRAFFIC LANES:

12" FABRIC WRAPPED CRUSHED AGGREGATE SIZE NO. 2
4" CRUSHED STONE BASE
7.5" CL2 ASPHALT BASE 1.00D PG64-22 (3.75" + 3.75")
1.5" CL2 ASPHALT SURFACE 0.38D PG64-22

* ASPHALT SEAL COAT REQUIRED ON GRADED SHOULDER
AND TOP 2' OF PROPOSED FORESLOPE WITH TWO APPLICATIONS
OF THE FOLLOWING :

ASPHALT SEAL COAT2.40 lb./sq.yd.
ASPHALT SEAL AGGREGATE20 lb./sq.yd.

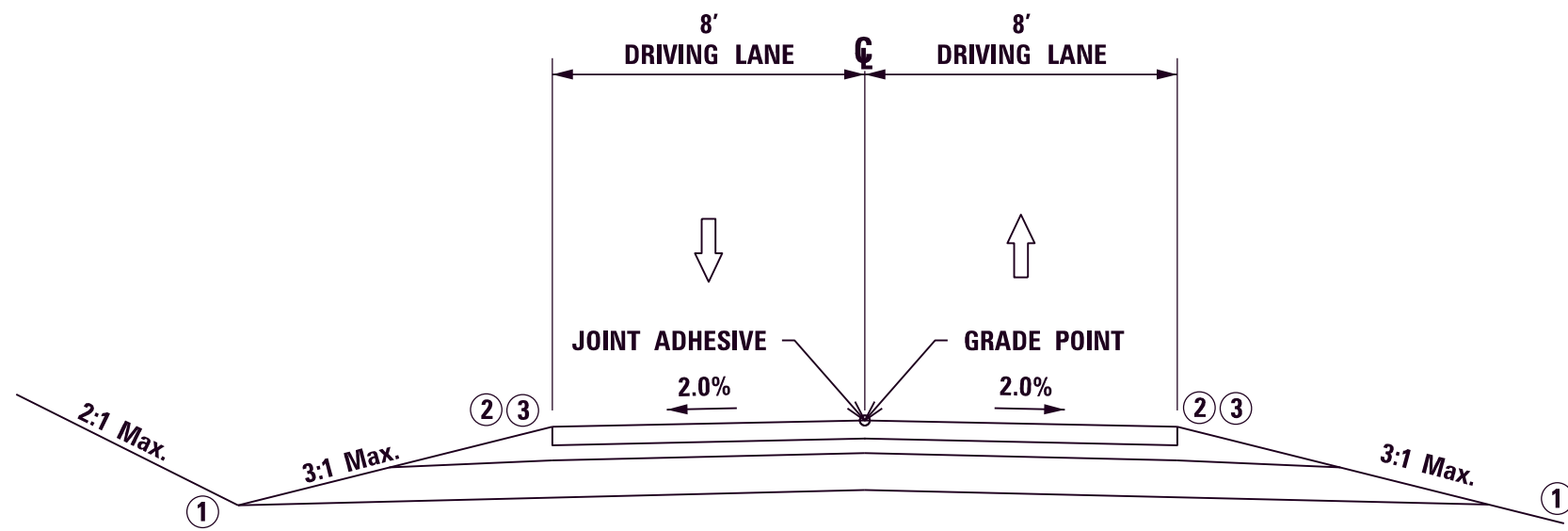
① SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS
OF THE SHOULDERS.



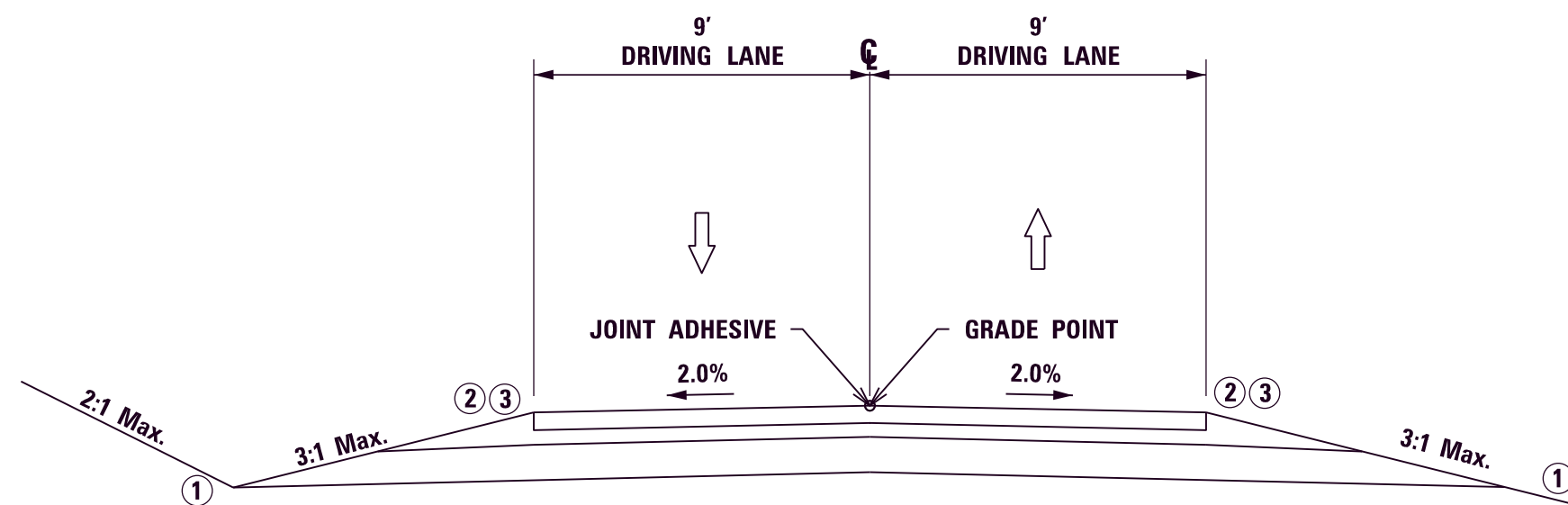
NORMAL FULL DEPTH SECTION
FROM STA 48+30.00 TO 50+00.00
HENDERSON LN

NORMAL FULL DEPTH SECTION
FROM STA 50+00.00 TO 51+53.41
KY 2533

NORMAL FULL DEPTH SECTION
FROM STA 48+60.24 TO STA 50+00.00
NEBO CEMETERY RD.



NORMAL FULL DEPTH SECTION
FROM STA 16+01.52 TO STA 20+00.00
NEBO LANE



NORMAL FULL DEPTH SECTION
FROM STA 45+33.70 TO STA 48+60.24
NEBO CEMETERY RD.

RIGHT OF WAY
PLANS

TYPICAL SECTIONS

FILE NAME: F:\ENGR\HD\1355-05 KY 181 WIDENING - MUHLENBERG\PHASE II\CAD\PLAN PRODUCTION\DETAILS\02_8802_TYPICALS.DGN

USER: hbruce
DATE PLOTTED: September 7, 2005

OpenRoads Designer v10.14.4.4

Corporate Limits		
County Line		
Easement		
Fence COA		
Mineral Parcel		
Property Line		
Right of Way Line		
All Overhead Utility Lines		
Electric Line Underground		
Electric Line Underground Duct		
Gas Main		
Sanitary Force Main		
Telephone Underground Cable		
Telephone Underground Duct		
Fiber Optic Cable		
Television Line Underground		
Water Main		
Storm Sewer		
Cable Guardrail		
Ditch		
Edge of Water		
Fence Hedge		
Fence		
Flow Line/Thalweg/ Int. Stream or Drain		
Railroad		
Shrub Line		
Sink Hole		
Tree Line		
Wall (WSM or DSM)		
Blue Line Stream		
Lakes and Ponds		
Regulated Floodway RDZ Line		

■ 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.

Symbol Name	Symbol	Symbol
ADA Ramp		
Anchor Pole		
Benchmark		
Bike Lane Symbol		
Bollard		
Centerline		
Centerline Stationing		
Control Monument		
Control Point		
Core Hole		
Crash Cushion TY 6 D		
Crash Cushion TY 6 A		
Crash Cushion TY 9A		
Crash Cushion TY 9		
Cross Notch		
Curb Box Inlet		
Curb Notoch		
Combination Pole		
Delineator Post		
Drop Box		
Existing Spring		
Electric Manhole		
Electric Meter		
Electric Pedestal		
Electric Pole		
Electric Junction Box		
Fire Hydrant		
Flag Pole		
Force Main Sewer Valve		
Fuel Tank Inlet		
Fuel Tank Vent		
Gasline Marker		
Gas Meter		
Gas Monitoring Well		
Gas Valve		
Gas Vent		
Gas Well		
Guidewires & Anchors		
Headstone		
Interstate Shield		

Iron Pin	o P	
Light Pole		
Low Wire	+	
Mag Nail	oMAG	
Mailbox		
Manhole	 MH	 FMH
Mile Marker Post	oMP	
Mineral Parcel		
Misc Location Point		
Monitoring Well	oMW	
Parking Meter	oPM	
Pedestrian Signal	 PED SIG	
Pins/Pipes	o P	
PK Nail	oPK	
Point (Misc)	—	
Pole	○	
Pole (Light)		
Post	oPOST	
Power Pole		
Quarry		
Radom (Ground Shot)	+	
Railroad Mile Marker	oRRMM	
Railroad Spike	oRRS	
Right of Way Marker	□	
Right of Way Monument		
RR Traffic Signal Pole		
RW Parcel		
Sanitary Cleanout	oSANCO	
Sanitary Manhole	 SANMH	oSANMH
Satelite Dish	oSD	
Septic Tank Cleanout	oSTC	
Service Pole	oSP	
Sewer Air Release Valve		
Shrub		
Sing	oSIGN	
Sign Post (Single)		
Sign with 2 posts		
Sign group (4)		
Station Stamp		

Storm Manhole		<i>cSMH</i>
Stub Power		
Stub Telephone		
Survey Cross Notch		<i>cCN</i>
Survey Curb Notch		<i>cNOTCH</i>
Survey Nail		<i>cMAG</i>
Survey Spike		<i>cRRS</i>
Survey Stone Marker		<i>cSTONE</i>
Swamp		
Telephone Booth		<i>tTB</i>
Telephone Junction Box		<i>tTEL JB</i>
Telephone Line Overhead		
Telephone Manhole		
Telephone Pedestal		<i>tTEL PED</i>
Telephone Pole		
Temporary Benchmark		
Traffic Light		
Traffic Signal Control Box		<i>tSCB</i>
Traffic Signal Junction Box		<i>tSJB</i>
Traffic Signal Pole		
Traverse Point		<i>tTRAV</i>
Tree		
TV Junction Box		<i>tTV JB</i>
Utility Pole		
Underground Storage Tank		<i>uST</i>
Utility Test Hole		<i>uTH</i>
Water Line Marker		<i>wLM</i>
Water Meter		<i>wM</i>
Water Spigot		<i>wS</i>
Water Valve		<i>wV</i>
Water Well		<i>wW</i>
Yard Light		
Yard Sprinkler		<i>yS</i>
Yard Sprinkler Water Valve		<i>ySWV</i>

COUNTY OF	ITEM NO.	SHEET NO.
Muhlenberg	2-8802.00	R3

Utility Owners

Water:
Muhlenberg County Water District

Electric & Gas:
Louisville Gas and Electric Company,
Kentucky Utilities Company

Gas:
Atmos Energy Corporation

Telephone:
AT&T

RIGHT OF WAY PLANS

DESIGNED BY: HMB PROFESSIONAL ENGINEERS, INC.
DATE SUBMITTED:

COMMONWEALTH OF
KENTUCKY
DEPARTMENT OF HIGHWAYS
COUNTY OF
MUHLENBERG

PROJECT FD52 089 0181 012-016
NUMBERS: 6000178

ROADWAY LEGEND & UTILITY OWNERS SHEET

FILE NAME: F:\ENGR\RD\355.05 KY 181 WIDENING - MUHLENBERG\PHASE II\CAD\PLAN PRODUCTION\PLAN02_8802_R_PLANDGN

USER: mmaxfield
DATE PLOTTED: September 7, 2005

OpenRoads Designer v10.14.4.4

DITCH CONSTRUCTION						
LT/ RT	STA TO STA	SIZE/TYPE	CHANNEL LINING			TY. 1 GEO. FAB. QUANTITY
			TYPE	D	T	QUANTITY
LT	57+50 - 58+00	2' FB	ECB	1.5	-	67 S.Y.
• DITCH LINING NOT REQUIRED IF DURABLE ROCK IS ENCOUNTERED						

ENTRANCE CONSTRUCTION				
LT/ RT	STATION LOCATION	WIDTH	SOYD ASPHALT	ENTRANCE PIPE
RT	52+83	12'	115-CONC	NONE
RT	53+33	12'	101	EX. 18"
LT	53+33	12'	146	EX. 18"
RT	54+75	12'	110	EX. 18"
LT	55+10	12'	74	EX. 18"
LT	56+51	12'	68	EX. 18"
RT	57+43	12'	95	NONE

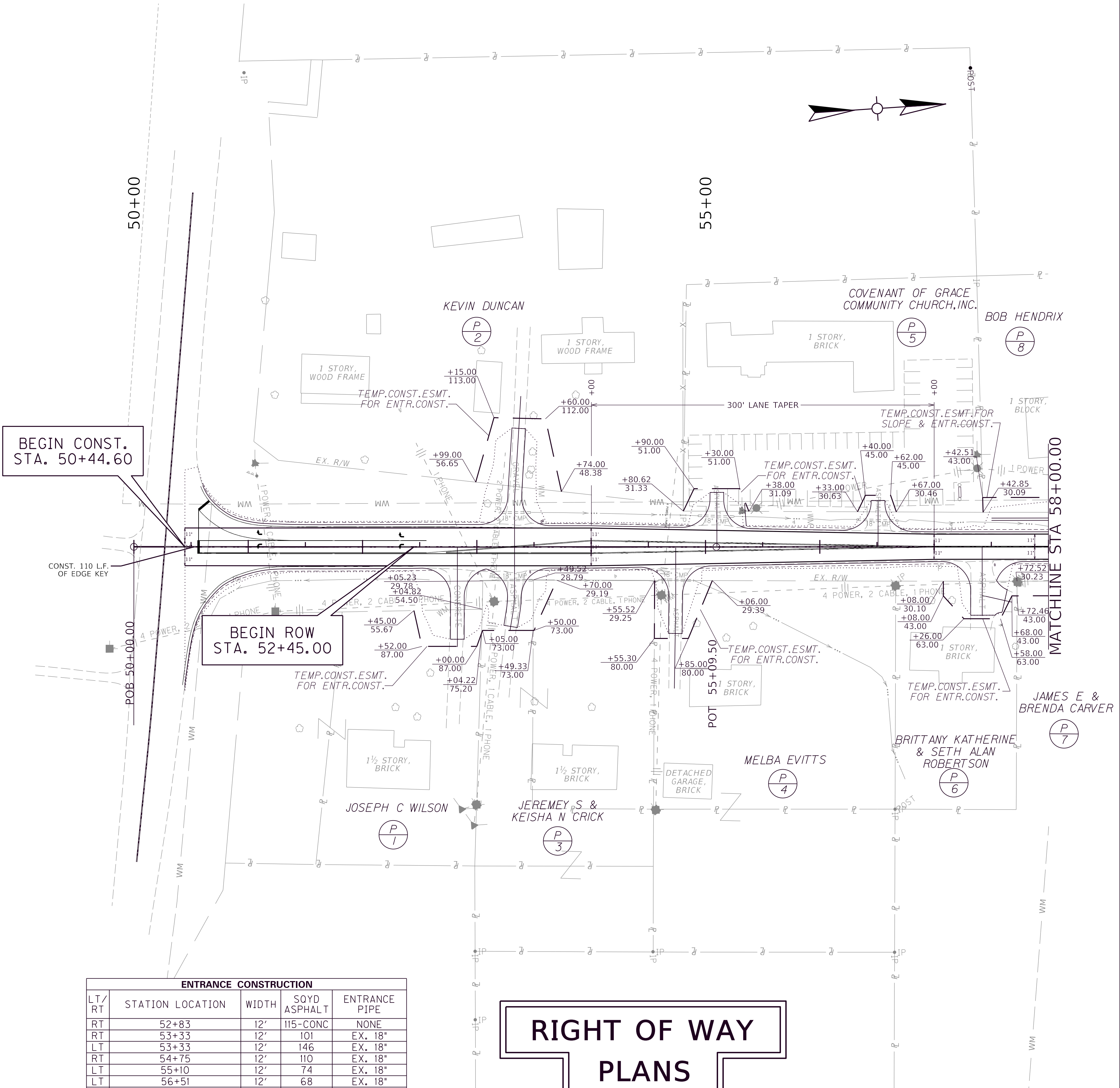
BEGIN CONST.
STA. 50+44.60

BEGIN ROW
STA. 52+45.00

RIGHT OF WAY
PLANS

SCALE: 1" = 50'

KY 181
STA 50+00 TO 58+00



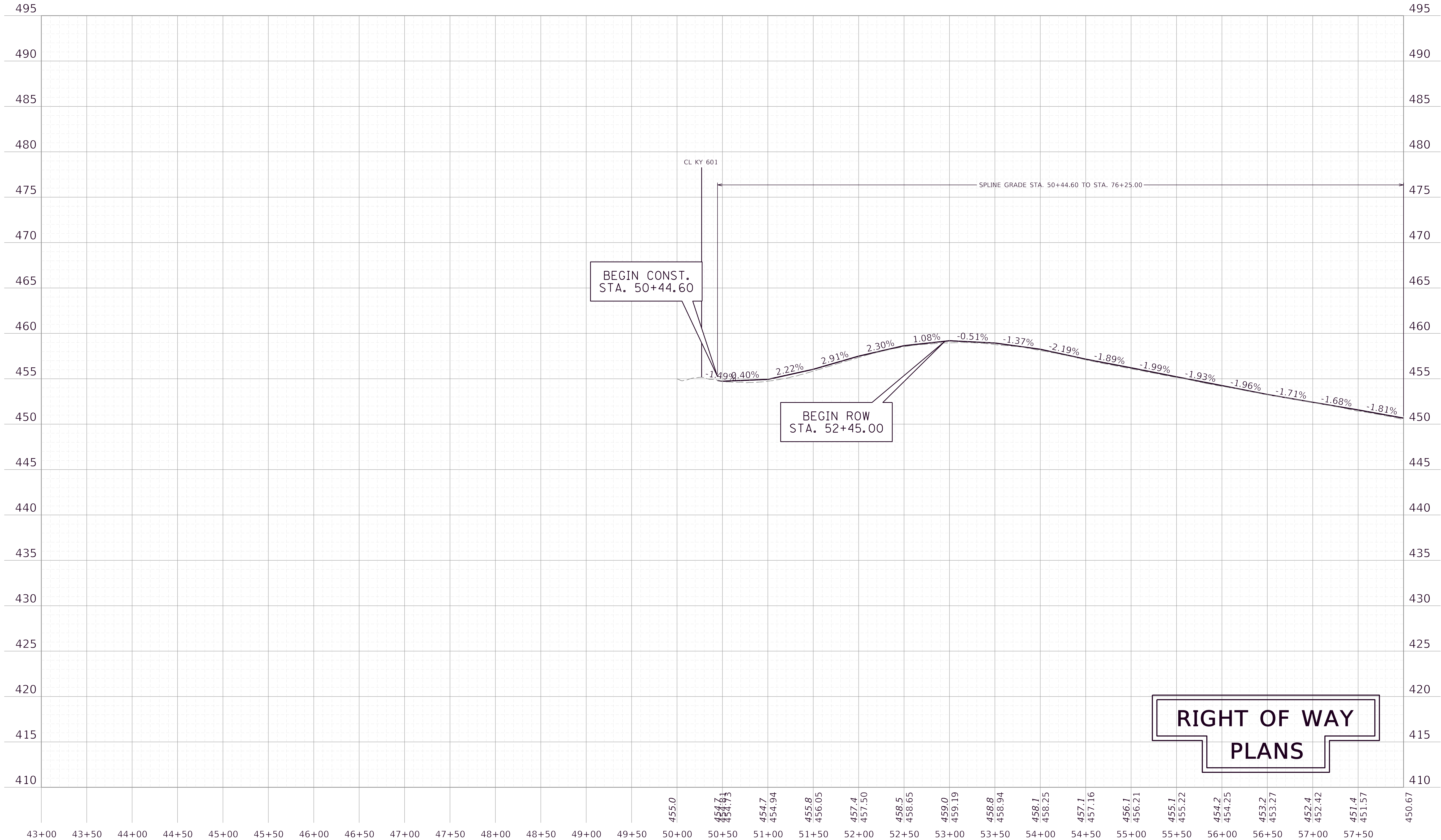
FILE NAME: F:\ENGR\RD\355.05 KY 181 WIDENING - MUHLENBERG\PHASE II\CAD\PLAN PRODUCTION\PLAN02_8802_R_PLANDGN

USER: hbruce
DATE PLOTTED: September 7, 2005

OpenRoads Designer v10.14.4.4

SCALE: 1" = 50' HORIZONTAL
1" = 5' VERTICAL

COUNTY OF	ITEM NO.	SHEET NO.
Muhlenberg	2-8802.00	R5



RIGHT OF WAY
PLANS

KY 181 PROFILE
STA 50+00 TO 58+00

DITCH CONSTRUCTION										
LT/RT	STA TO STA	SIZE/TYPE	CHANNEL LINING				QUANTITY	TY, 1 GEO. FAB.		
			TYPE	L	W	D	T			
LT	58+00 - 61+00	2' FB	ECB	225	12	1	-	300 S.Y.	-	-
LT	61+00 - 62+50	2' FB	CL. II	150	11	1.5	1.25	115 TONS	184 S.Y.	-
LT	62+50 - 63+50	2' FB	ECB	100	8	1	-	89 S.Y.	-	-
RT	62+50	2' FB - OUTLET	CL. II	25	11	2	1.25	19 TONS	31 S.Y.	-
RT	62+20 - 68+25	2' FB	ECB	517	8	1	-	460 S.Y.	-	-
LT	63+50 - 65+00	SPEC. V	ECB	116	12	1.5	-	155 S.Y.	-	-
LT	65+00 - 67+75	NORMAL	ECB	275	12	1.5	-	367 S.Y.	-	-
RT	67+73	2' FB - OUTLET	CL. II	20	11	2	1.25	15 TONS	25 S.Y.	-
LT	67+75 - 68+00	2' FB	CL. III	25	15	2	2	42 TONS	42 S.Y.	-
* DITCH LINING NOT REQUIRED IF DURABLE ROCK IS ENCOUNTERED										

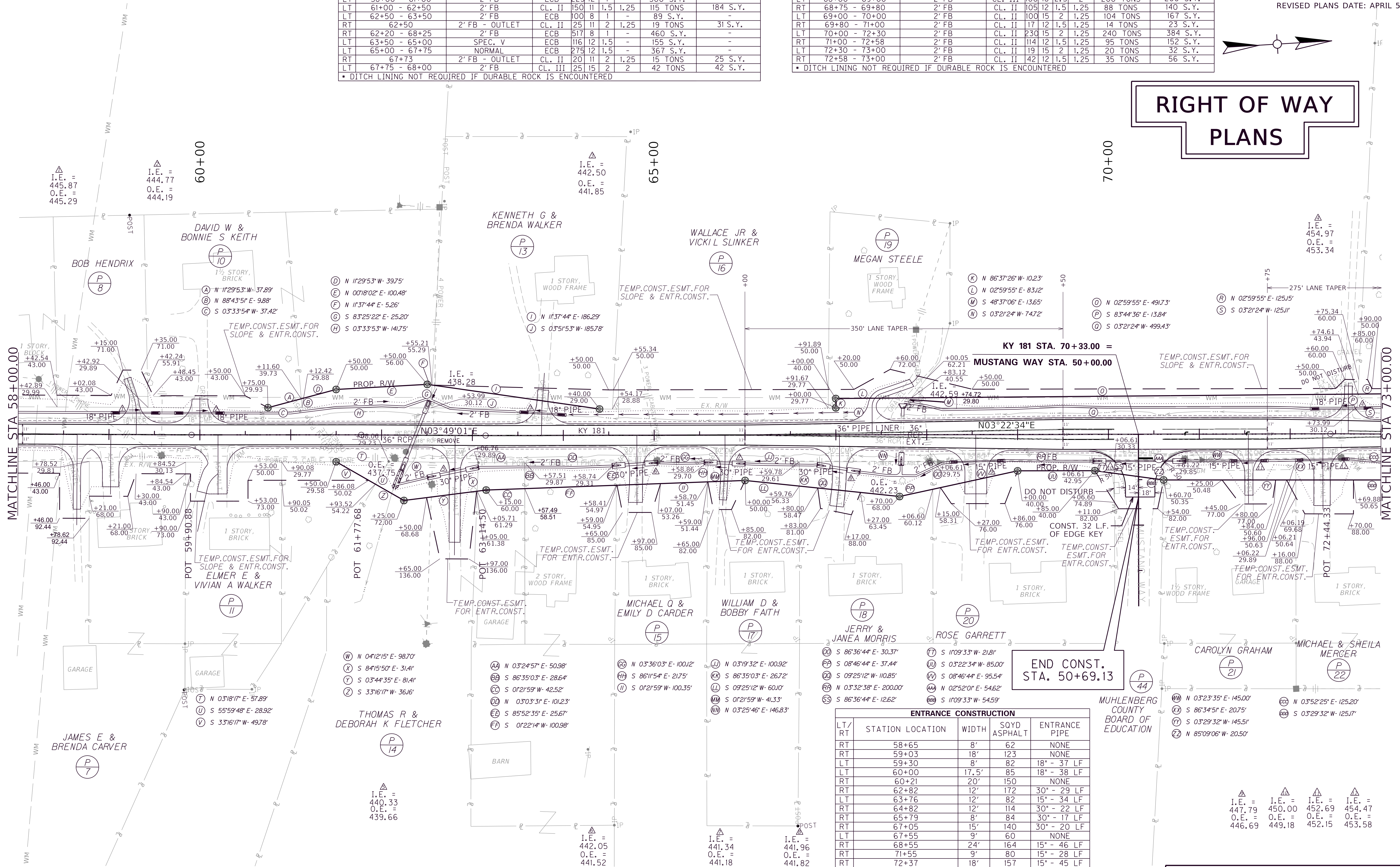
DITCH CONSTRUCTION										
LT/RT	STA TO STA	SIZE/TYPE	TYPE	L	W	D	T	QUANTITY	TY, 1 GEO. FAB.	
									QUANTITY	QUANTITY
LT	68+00 - 69+00	2' FB	CL. III	100	18	2.5	2	200 TONS	200 S.Y.	-
RT	68+75 - 69+80	2' FB	CL. II	105	12	1.5	1.25	88 TONS	140 S.Y.	-
LT	69+00 - 70+00	2' FB	CL. II	100	15	2	1.25	104 TONS	167 S.Y.	-
RT	69+80 - 70+00	2' FB	CL. II	17	12	1.5	1.25	14 TONS	23 S.Y.	-
LT	70+00 - 72+30	2' FB	CL. II	230	15	2	1.25	240 TONS	384 S.Y.	-
RT	71+00 - 72+58	2' FB	CL. II	114	12	1.5	1.25	95 TONS	152 S.Y.	-
LT	72+30 - 73+00	2' FB	CL. II	19	15	2	1.25	20 TONS	32 S.Y.	-
RT	72+58 - 73+00	2' FB	CL. II	42	12	1.5	1.25	35 TONS	56 S.Y.	-
* DITCH LINING NOT REQUIRED IF DURABLE ROCK IS ENCOUNTERED										

COUNTY OF	ITEM NO.	SHEET NO.
Muhlenberg	2-8802.00	R6

REVISED PLANS DATE: APRIL 5, 2022



RIGHT OF WAY PLANS



ENTRANCE CONSTRUCTION				
LT/RT	STATION LOCATION	WIDTH	SYD ASPHALT	ENTRANCE PIPE
RT	58+65	8'	62	NONE
RT	59+03	18'	123	NONE
LT	59+30	8'	82	18" - 37' LF
LT	60+00	17.5'	85	18" - 38' LF
RT	60+21	20'	150	NONE
RT	62+82	12'	172	30" - 29' LF
LT	63+76	12'	82	15" - 34' LF
RT	64+82	12'	114	30" - 22' LF
RT	65+79	8'	84	30" - 17' LF
RT	67+05	15'	140	30" - 20' LF
LT	67+55	9'	60	NONE
RT	68+55	24'	164	15" - 46' LF
RT	71+55	9'	80	15" - 28' LF
RT	72+37	18'	157	15" - 45' LF
LT	72+64	8.5'	66	18" - 51' LF

I.E. = 447.79	I.E. = 450.00	I.E. = 452.69	I.E. = 454.47
O.E. = 446.69	O.E. = 449.18	O.E. = 452.15	O.E. = 453.58

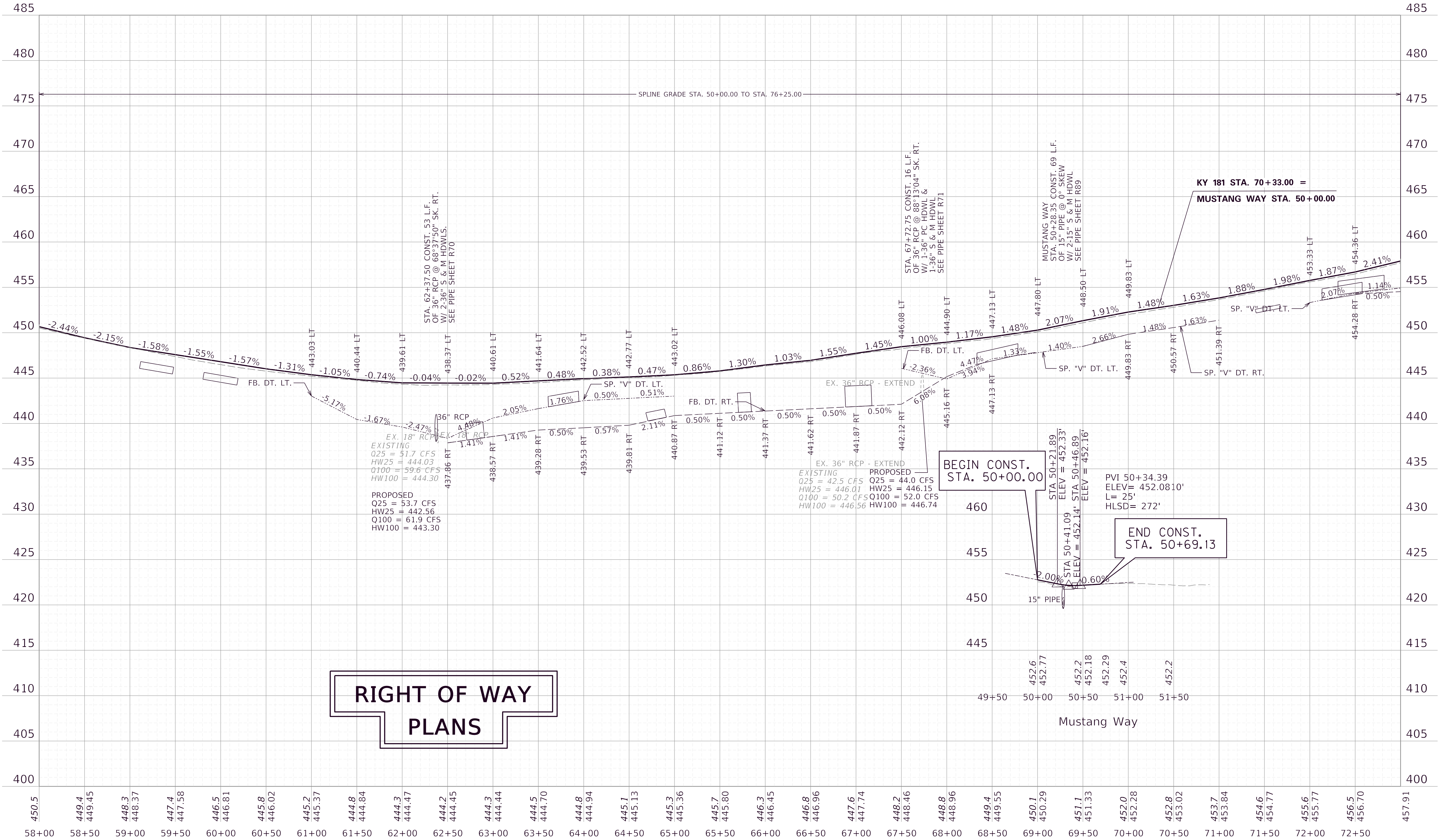
SCALE: 1" = 50'

KY 181
STA 58+00 TO 73+00

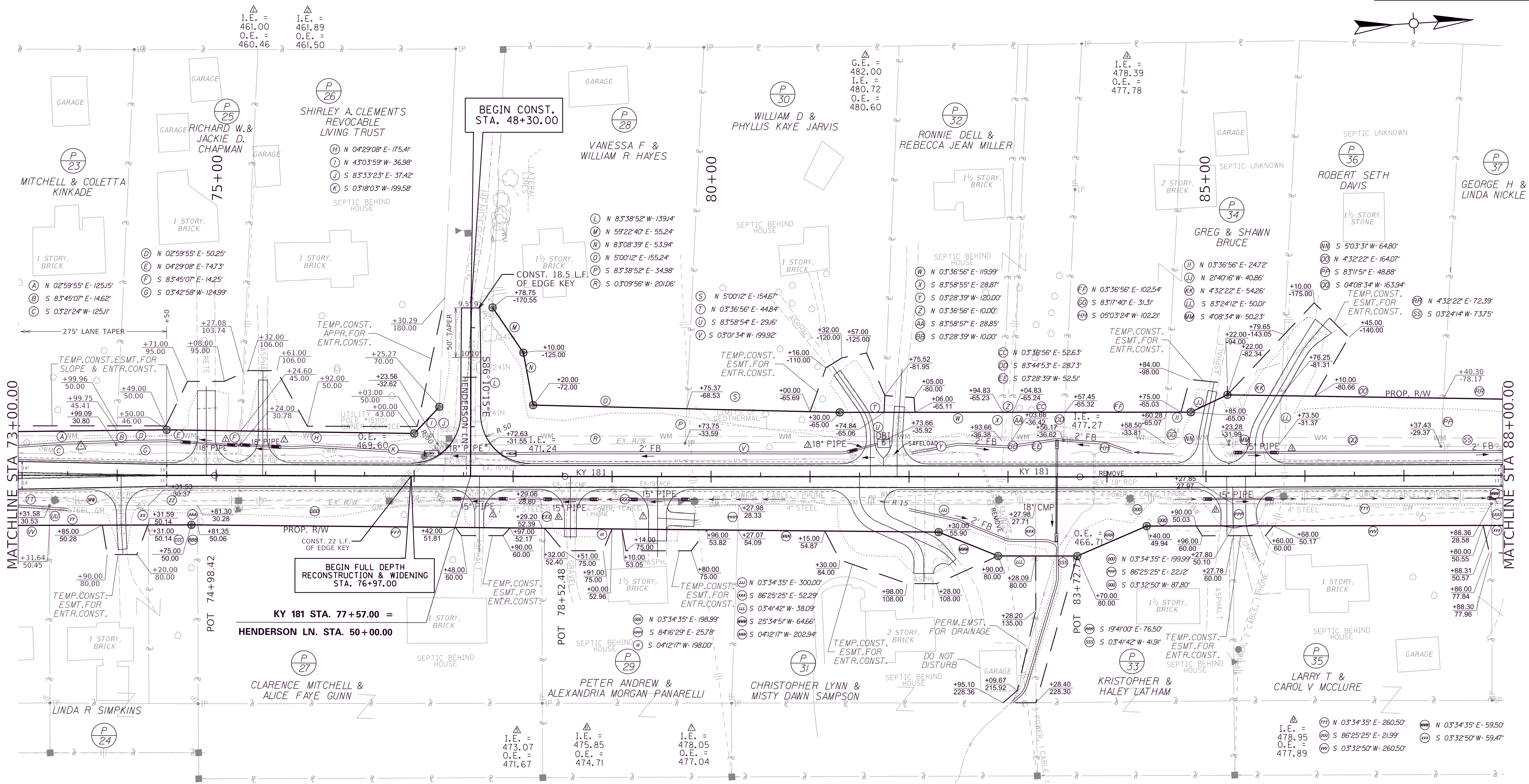
FILE NAME: F:\ENGR\RD\955.05 KY 181 WIDENING - MUHLENBERG\PHASE II\CAD\PLAN PRODUCTION\PLAN02_8802_R_PLANDGN

USER: mmaxfield
DATE PLOTTED: September 7, 2005

OpenRoads Designer v10.14.4.4



KY 181 PROFILE
STA 58+00 TO 73+00



- (17) N 03°52'25" E- 125.20'
(18) S 86°29'29" E- 19.92'
(19) S 03°29'32" W- 125.17'
- (20) N 03°34'35" E- 99.95'
(21) S 86°30'15" E- 19.77'
(22) S 03°29'32" W- 99.96'
(23) N 03°34'35" E- 49.77'
(24) S 86°29'29" E- 19.78'
(25) S 04°12'17" W- 6.35'
(26) S 03°29'32" W- 43.41'
- (27) N 03°34'35" E- 347.69'
(28) S 86°29'29" E- 23.59'
(29) S 04°12'17" W- 347.71'

DITCH CONSTRUCTION									
LT/ RT	STA TO STA	SIZE/TYPE	CHANNEL LINING				QUANTITY	TY. I GEO. FAB.	
			TYPE	L	W	D		QUANTITY	
LT	73+00 - 76+00	2' FB	CL. II	238	15	2	1.25	248 TONS	397 S.Y.
RT	73+00 - 73+50	2' FB	CL. II	50	12	1.5	1.25	42 TONS	67 S.Y.
LT	76+00 - 78+50	2' FB	CL. II	186	9	1	1.25	116 TONS	186 S.Y.
RT	77+50 - 80+75	NORMAL	ECB	199	4	0.5	-	89 S.Y.	-
LT	78+50 - 82+00	2' FB	ECB	296	12	1	-	395 S.Y.	-
LT	82+00 - 84+25	2' FB	ECB	225	8	0.5	-	200 S.Y.	-
RT	82+00 - 83+50	2' FB	CL. II	150	6	0.5	1.25	63 TONS	100 S.Y.
RT	83+50	2' FB - OUTLET	CL. II	170	7	1	1.25	83 TONS	133 S.Y.
LT	84+25 - 84+50	SPEC. V	ECB	25	4	0.5	-	12 S.Y.	-
RT	84+75 - 88+00	2' FB	ECB	269	8	0.5	-	240 S.Y.	-
LT	84+50 - 88+00	2' FB	CL. II	270	9	1	1.25	169 TONS	270 S.Y.

• DITCH LINING NOT REQUIRED IF DURABLE ROCK IS ENCOUNTERED

ENTRANCE CONSTRUCTION				
LT/ RT	STATION LOCATION	WIDTH	SYQD ASPHALT	ENTRANCE PIPE
LT	74+90	18'	179-CONC	18" - 39 LF
LT	75+47	9'	115	18" - 23 LF
RT	77+66	9'	71	15" - 41 LF
RT	78+58	12'	96	15" - 41 LF
RT	79+46	18'	180	15" - 46 LF
RT	81+50	20'	365	NONE
LT	81+61	8'	122	18" - 24 LF
LT	81+88	10'	97	EX. 18"
LT	84+97	9'	106	NONE
RT	85+21	12'	69	15" - 56 LF
RT	85+40	25'	117-CONC	SEE 85+21
LT	85+50	12'	246-CONC	15" - 30 LF

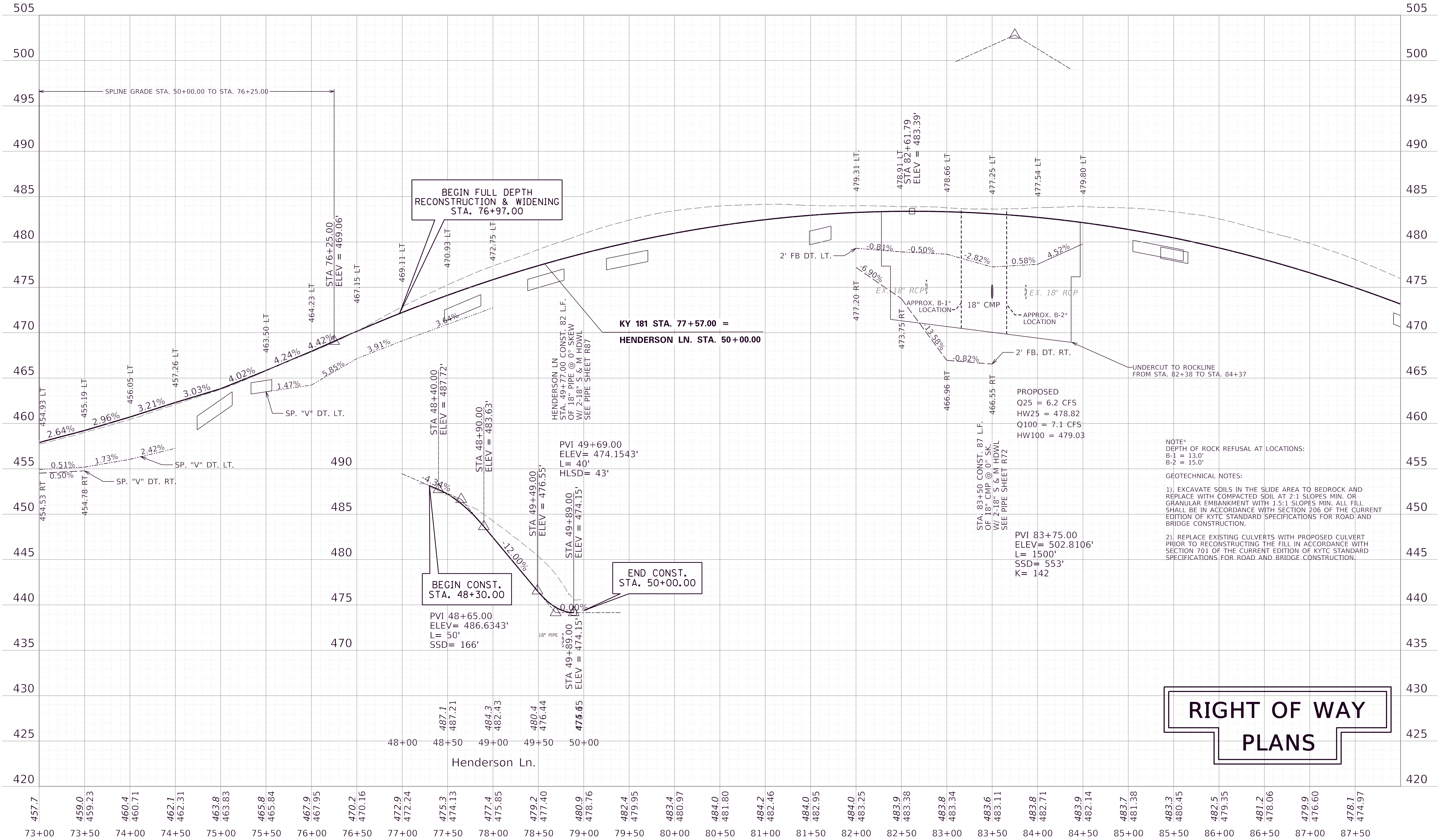
RIGHT OF WAY PLANS

SCALE: 1" = 50'

KY 181
STA 73+00 TO 88+00

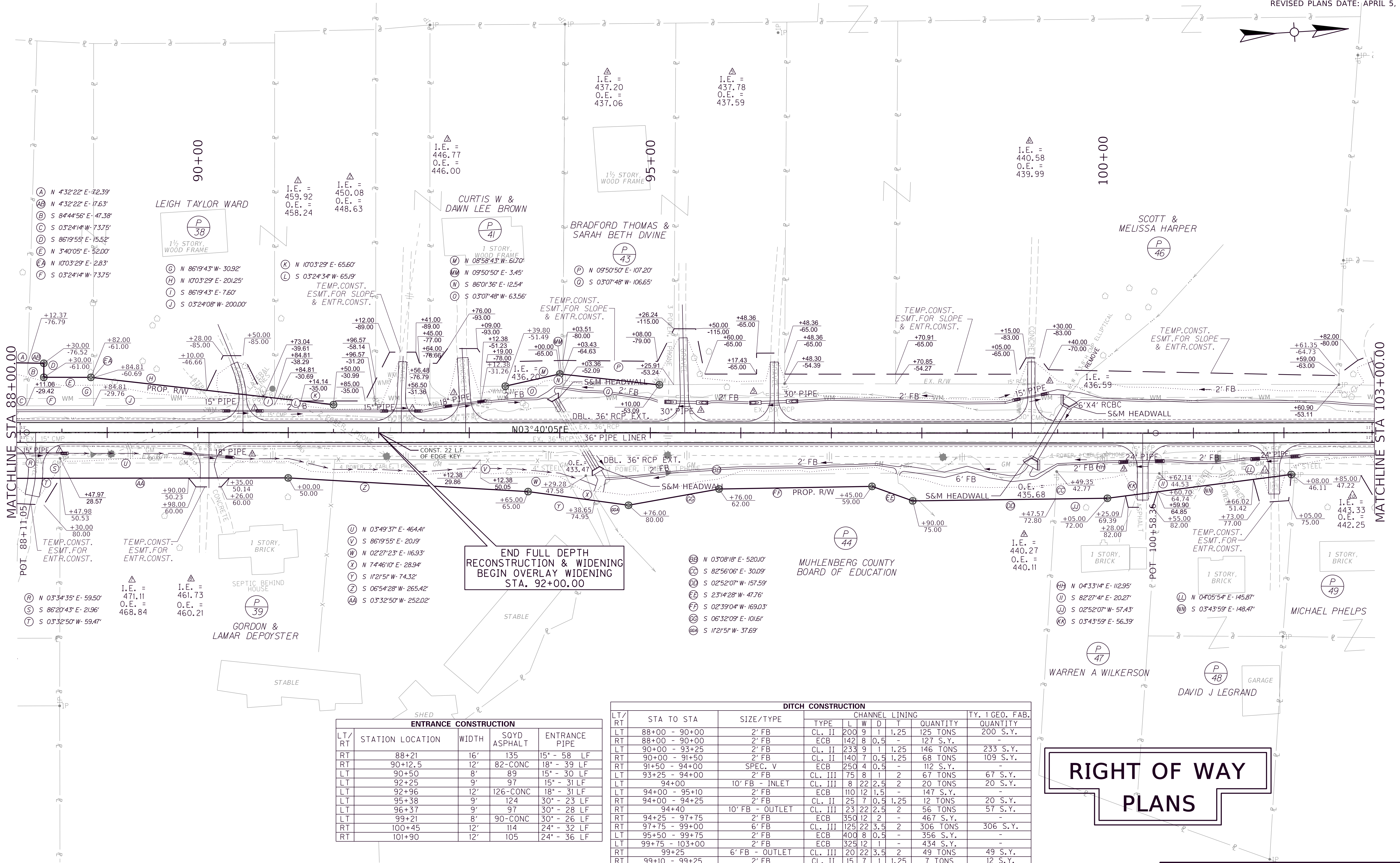
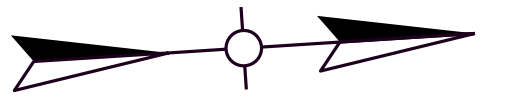
SCALE: 1" = 50' HORIZONTAL
1" = 5' VERTICAL

COUNTY OF	ITEM NO.	SHEET NO.
Muhlenberg	2-8802.00	R9



RIGHT OF WAY
PLANS

KY 181 PROFILE
STA 73+00 TO 88+00



ENTRANCE CONSTRUCTION				
LT/RT	STATION LOCATION	WIDTH	SOYD ASPHALT	ENTRANCE PIPE
RT	88+21	16'	135	15" - 58 LF
RT	90+12.5	12'	82-CONC	18" - 39 LF
LT	90+50	8'	89	15" - 30 LF
LT	92+25	9'	97	15" - 31 LF
LT	92+96	12'	126-CONC	18" - 31 LF
LT	95+38	9'	124	30" - 23 LF
LT	96+37	9'	97	30" - 28 LF
LT	99+21	8'	90-CONC	30" - 26 LF
RT	100+45	12'	114	24" - 32 LF
RT	101+90	12'	105	24" - 36 LF

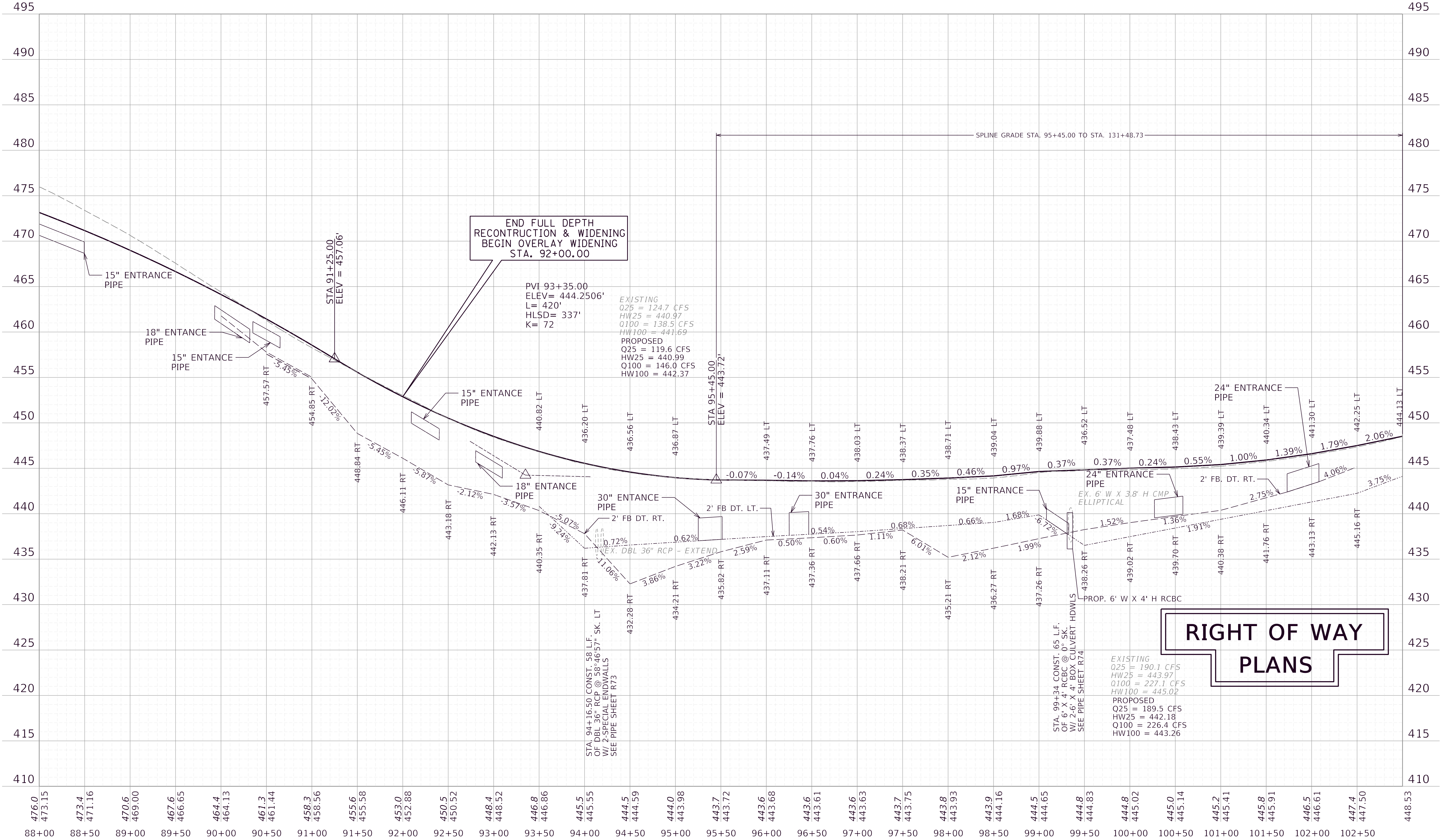
DITCH CONSTRUCTION							
LT/RT	STA TO STA	SIZE/TYPE	CHANNEL LINING				TY. 1 GEO. FAB.
			TYPE	L	W	D	
LT	88+00 - 90+00	2' FB	CL. II	200	9	1.25	125 TONS
RT	88+00 - 90+00	2' FB	ECB	142	8	0.5	127 S.Y.
LT	90+00 - 93+25	2' FB	CL. II	233	9	1.25	146 TONS
RT	90+00 - 91+50	2' FB	CL. II	140	7	0.5	68 TONS
RT	91+50 - 94+00	SPEC. V	ECB	250	4	0.5	112 S.Y.
LT	93+25 - 94+00	2' FB	CL. III	75	8	1	67 TONS
LT	94+00	10' FB - INLET	CL. III	8	22	2.5	20 TONS
LT	94+00 - 95+10	2' FB	ECB	110	12	1.5	147 S.Y.
RT	94+00 - 94+25	2' FB	CL. II	25	7	0.5	12 TONS
RT	94+40	10' FB - OUTLET	CL. III	23	22	2.5	56 TONS
RT	94+25 - 97+75	2' FB	ECB	350	12	2	467 S.Y.
RT	97+75 - 99+00	6' FB	CL. III	125	22	3.5	306 TONS
LT	95+50 - 99+75	2' FB	ECB	400	8	0.5	356 S.Y.
LT	99+75 - 103+00	2' FB	ECB	325	12	1	434 S.Y.
RT	99+25	6' FB - OUTLET	CL. III	20	22	3.5	49 TONS
RT	99+10 - 99+25	2' FB	CL. II	15	7	1	12 TONS
RT	99+25 - 102+00	2' FB	CL. II	207	7	1	101 TONS
LT	99+60	6' FB - INLET	CL. III	12	22	3.5	29 TONS
RT	102+00 - 103+08	2' FB	CL. II	108	9	1	68 TONS

• DITCH LINING NOT REQUIRED IF DURABLE ROCK IS ENCOUNTERED

RIGHT OF WAY
PLANS

SCALE: 1" = 50'

KY 181
STA 88+00 TO 103+00

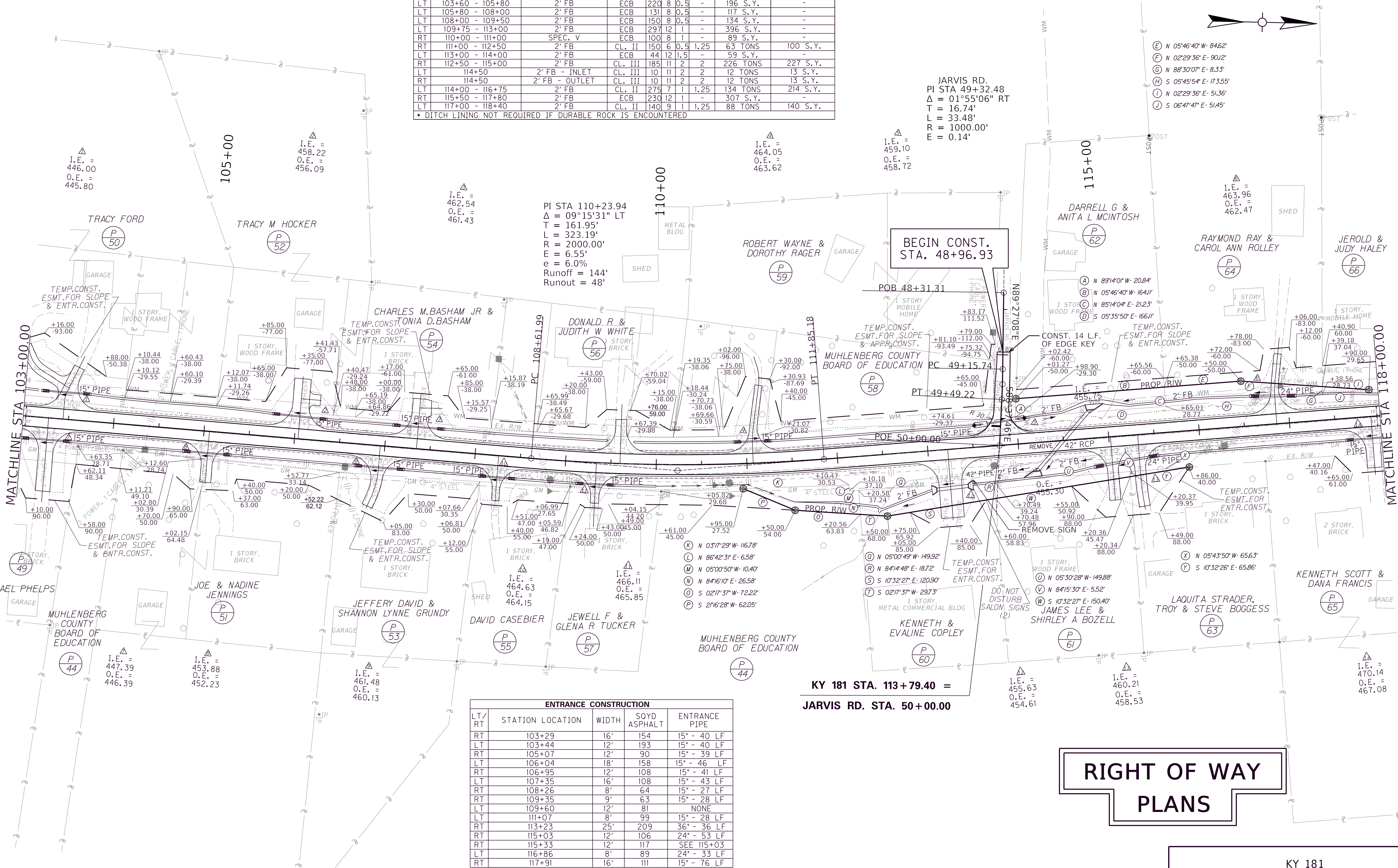


DITCH CONSTRUCTION						
LT/RT	STA TO STA	SIZE/TYPE	TYPE	CHANNEL LINING		
				L	W	D
LT	103+00 - 103+25	2' FB	ECB	25	8	0.5
RT	103+08 - 110+00	2' FB	CL. II	519	9	1.25
LT	103+60 - 105+80	2' FB	ECB	220	8	0.5
LT	105+80 - 108+00	2' FB	ECB	131	8	0.5
LT	108+00 - 109+50	2' FB	ECB	150	8	0.5
LT	109+75 - 113+00	2' FB	ECB	297	12	1
RT	110+00 - 111+00	SPEC. V	ECB	100	8	1
RT	111+00 - 112+50	2' FB	CL. II	150	6	0.5
LT	113+00 - 114+00	2' FB	ECB	44	12	1.5
RT	112+50 - 115+00	2' FB	CL. III	185	11	2
LT	114+50	2' FB - INLET	CL. III	10	11	2
RT	114+50	2' FB - OUTLET	CL. III	10	11	2
LT	114+00 - 116+75	2' FB	CL. II	275	7	1
RT	115+50 - 117+80	2' FB	ECB	230	12	1
LT	117+00 - 118+40	2' FB	CL. II	140	9	1
TY. 1 GEO. FAB. QUANTITY						
QUANTITY						
23 S.Y.						
324 TONS						
196 S.Y.						
117 S.Y.						
134 S.Y.						
396 S.Y.						
89 S.Y.						
63 TONS						
227 S.Y.						
12 TONS						
12 TONS						
134 TONS						
307 S.Y.						
88 TONS						
140 S.Y.						
* DITCH LINING NOT REQUIRED IF DURABLE ROCK IS ENCOUNTERED						

FILE NAME: F:\ENGR\RD1955.05 KY 181 WIDENING - MUHLENBERG\PHASE II\CADD\PLAN PRODUCTION\PLAN02_8802_R_PLANDGN

USER: hbruce
DATE PLOTTED: September 7, 2005

OpenRoads Designer v10.14.4.4



ENTRANCE CONSTRUCTION				
LT/RT	STATION LOCATION	WIDTH	SOYD ASPHALT	ENTRANCE PIPE
RT	103+29	16'	154	15" - 40 LF
LT	103+44	12'	193	15" - 40 LF
RT	105+07	12'	90	15" - 39 LF
LT	106+04	18'	158	15" - 46 LF
RT	106+95	12'	108	15" - 41 LF
LT	107+35	16'	108	15" - 43 LF
RT	108+26	8'	64	15" - 27 LF
RT	109+35	9'	63	15" - 28 LF
LT	109+60	12'	81	NONE
LT	111+07	8'	99	15" - 28 LF
RT	113+23	25'	209	36" - 36 LF
RT	115+03	12'	106	24" - 53 LF
RT	115+33	12'	117	SEE 115+03
LT	116+86	8'	89	24" - 33 LF
RT	117+91	16'	111	15" - 76 LF

KY 181 STA. 113+79.40 =
JARVIS RD. STA. 50+00.00

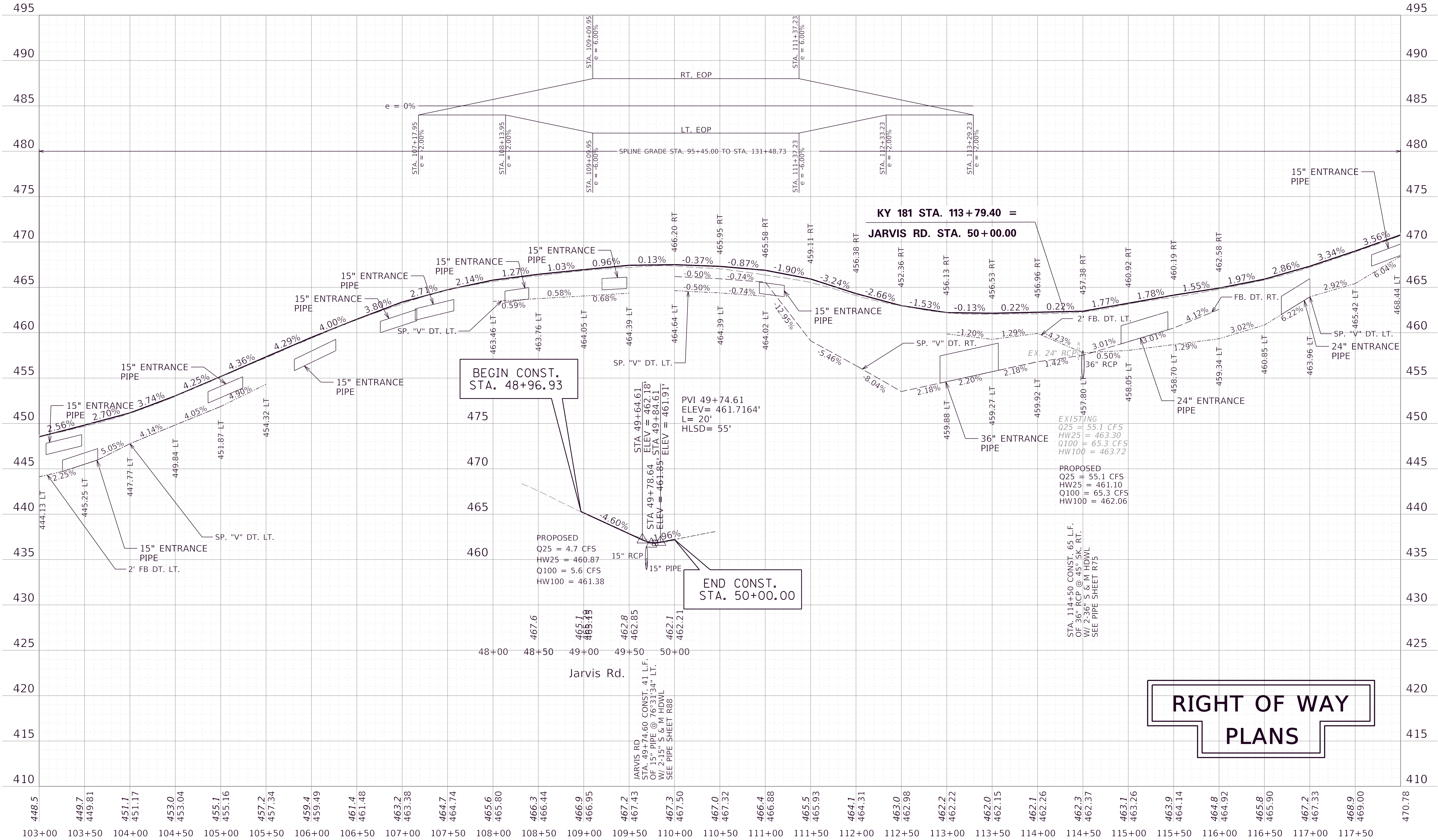
RIGHT OF WAY
PLANS

SCALE: 1" = 50'

KY 181
STA 103+00 TO 118+00

SCALE: 1" = 50' HORIZONTAL
1" = 5' VERTICAL

COUNTY OF	ITEM NO.	SHEET NO.
Muhlenberg	2-8802.00	R13



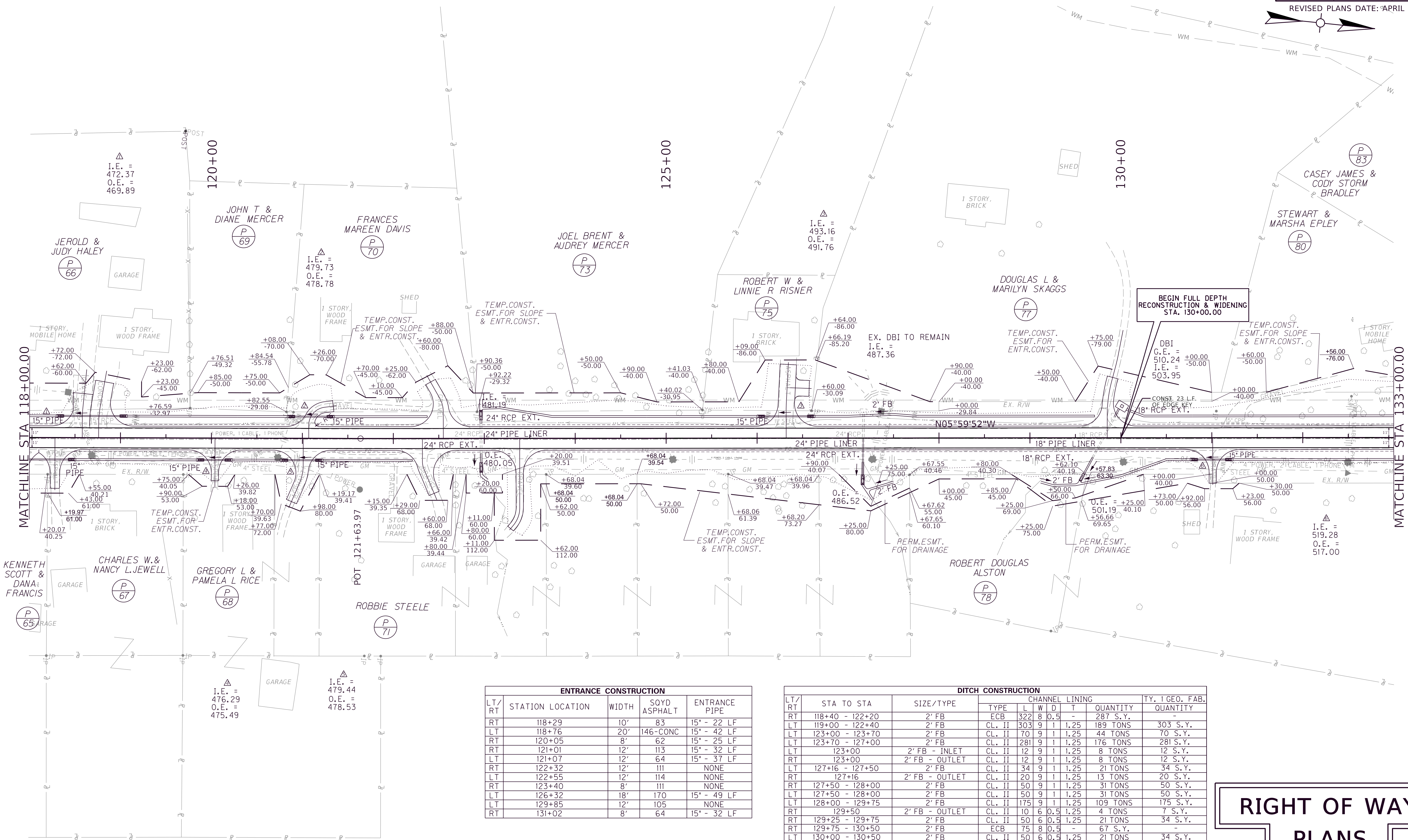
FILE NAME: F:\ENGR\HD\1955.05 KY 181 WIDENING - MUHLENBERG\PHASE II\CAD\PLAN PRODUCTION\PLAN02_8802_R_PLANDGN

USER: hbruce
DATE PLOTTED: September 7, 2005

OpenRoads Designer v10.14.4.4

RIGHT OF WAY
PLANS

KY 181 PROFILE
STA 103+00 TO 118+00



ENTRANCE CONSTRUCTION				
LT/RT	STATION LOCATION	WIDTH	SOYD ASPHALT	ENTRANCE PIPE
RT	118+29	10'	83	15" - 22 LF
LT	118+76	20'	146-CONC	15" - 42 LF
RT	120+05	8'	62	15" - 25 LF
RT	121+01	12'	113	15" - 32 LF
LT	121+07	12'	64	15" - 37 LF
RT	122+32	12'	111	NONE
LT	122+55	12'	114	NONE
RT	123+40	8'	111	NONE
LT	126+32	18'	170	15" - 49 LF
LT	129+85	12'	105	NONE
RT	131+02	8'	64	15" - 32 LF

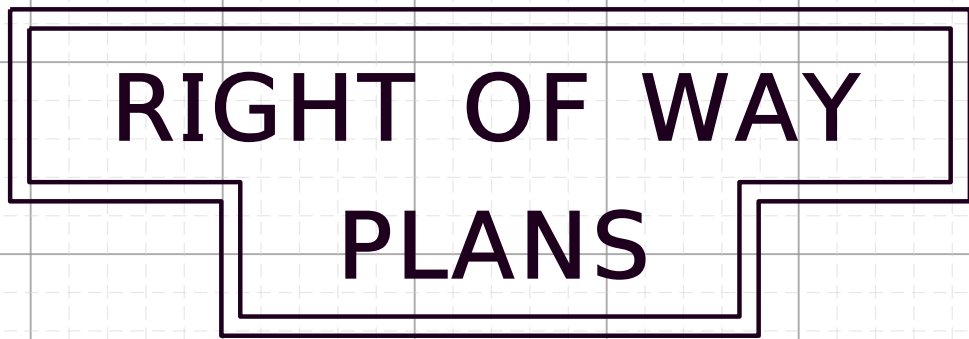
LT/RT		STA TO STA	SIZE/TYPE	CHANNEL LINING				TY, 1 GEO. FAB.
				TYPE	L	W	D	
RT	118+40 - 122+20	2' FB	ECB	322	8	0.5	-	287 S.Y.
LT	119+00 - 122+40	2' FB	CL. II	303	9	1	1.25	189 TONS
LT	123+00 - 123+70	2' FB	CL. II	70	9	1	1.25	44 TONS
LT	123+70 - 127+00	2' FB	CL. II	281	9	1	1.25	176 TONS
LT	123+00	2' FB - INLET	CL. II	12	9	1	1.25	8 TONS
RT	123+00	2' FB - OUTLET	CL. II	12	9	1	1.25	8 TONS
LT	127+16 - 127+50	2' FB	CL. II	34	9	1	1.25	21 TONS
RT	127+16	2' FB - OUTLET	CL. II	20	9	1	1.25	13 TONS
RT	127+50 - 128+00	2' FB	CL. II	50	9	1	1.25	31 TONS
LT	127+50 - 128+00	2' FB	CL. II	50	9	1	1.25	31 TONS
LT	128+00 - 129+75	2' FB	CL. II	175	9	1	1.25	109 TONS
RT	129+50	2' FB - OUTLET	CL. II	10	6	0.5	1.25	4 TONS
RT	129+25 - 129+75	2' FB	CL. II	50	6	0.5	1.25	21 TONS
RT	129+75 - 130+50	2' FB	ECB	75	8	0.5	-	67 S.Y.
LT	130+00 - 130+50	2' FB	CL. II	50	6	0.5	1.25	21 TONS
LT	130+50 - 133+00	2' FB	CL. II	250	6	0.5	1.25	104 TONS
RT	130+50 - 133+00	2' FB	ECB	250	8	0.5	-	223 S.Y.

• DITCH LINING NOT REQUIRED IF DURABLE ROCK IS ENCOUNTERED

RIGHT OF WAY
PLANS

SCALE: 1" = 50'

KY 181
STA 118+00 TO 133+00



FILE NAME: F:\ENGR\HD1355.05 KY 181 WIDENING - MUHLENBERG\PHASE II\CAD\PLAN PRODUCTION\PLAN02_8802_R_PLAN.DGN

USER: hbruce
DATE PLOTTED: September 7, 2005

OpenRoads Designer v10.14.4.4

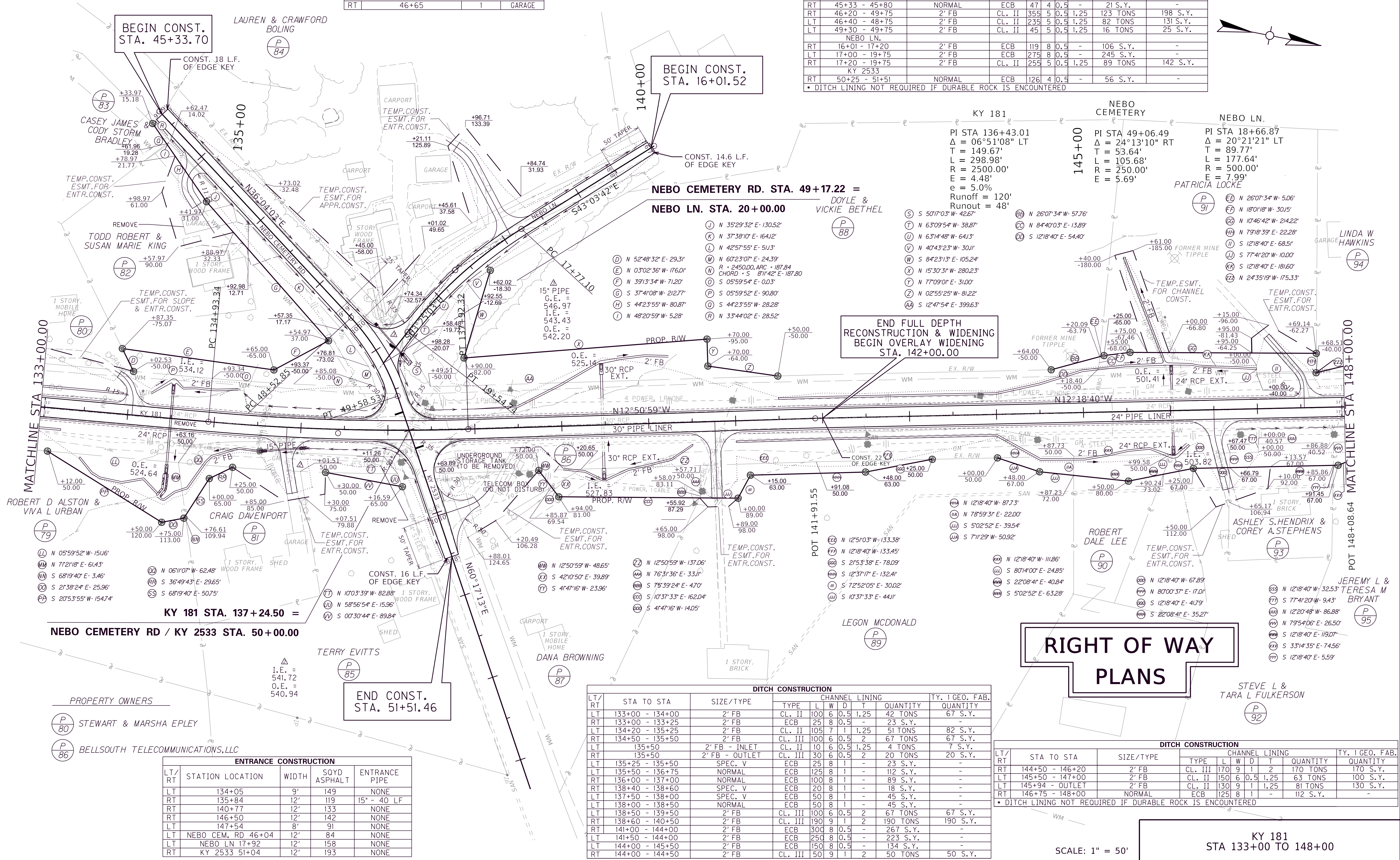
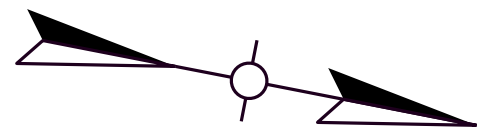
REMOVE STRUCTURE			
LT/RT	STATION LOCATION	QTY.	TYPE
NEBO CEMETERY RD.			
RT	46+65	1	GARAGE

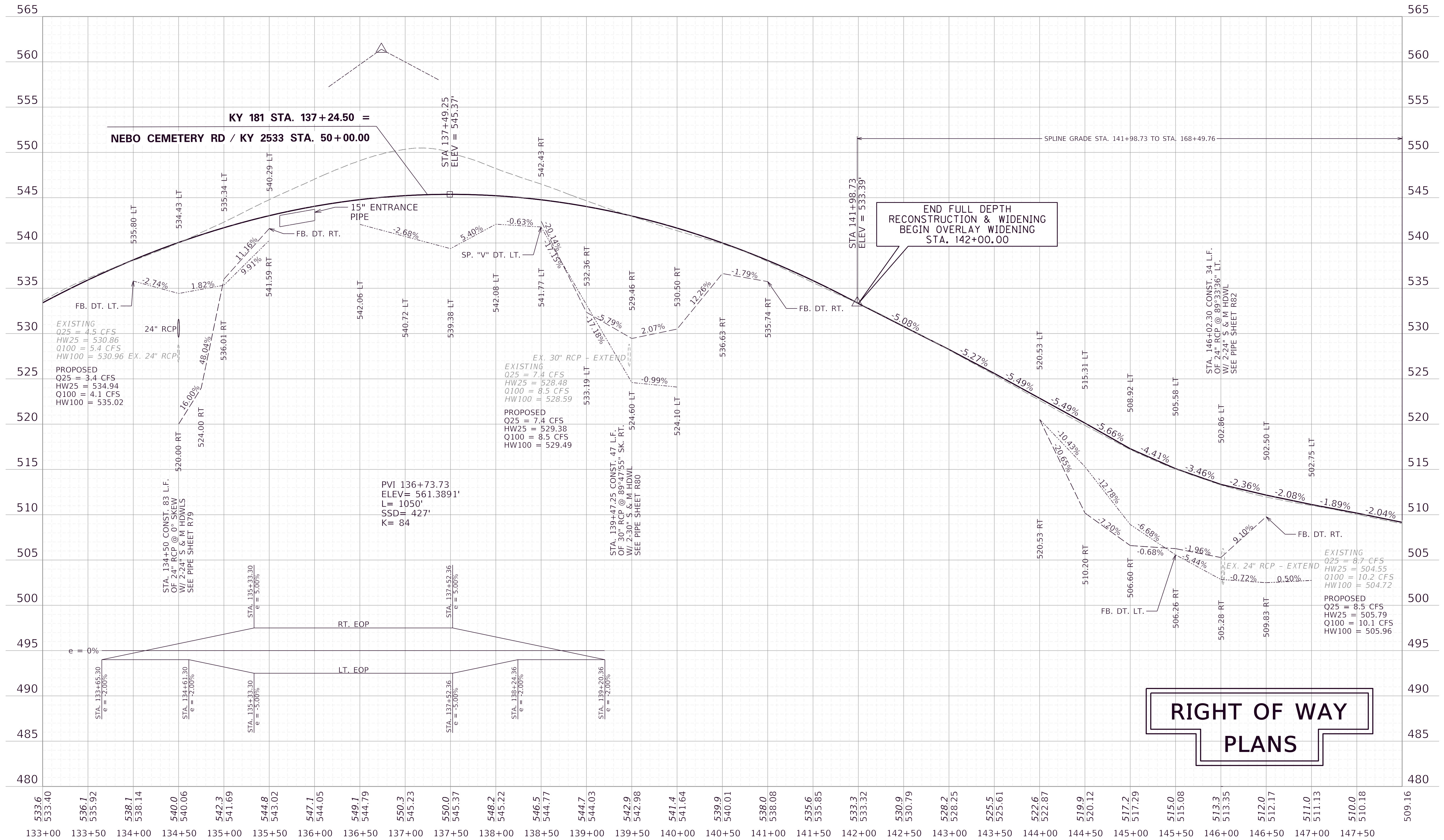
SEE SHEET R22 FOR
SIDE ROAD PROFILES

DITCH CONSTRUCTION									
LT/ RT	STA TO STA	SIZE/TYPE	CHANNEL LINING					TY. 1 GEO. FAB.	QUANTITY
			TYPE	L	W	D	T		
NEBO CEMETERY RD.									
LT	45+33 - 46+40	NORMAL	ECB	107	4	0.5	-	48 S.Y.	-
RT	45+33 - 45+80	NORMAL	ECB	47	4	0.5	-	21 S.Y.	-
RT	46+20 - 49+75	2' FB	CL. II	355	5	0.5	1.25	123 TONS	198 S.Y.
LT	46+40 - 48+75	2' FB	CL. II	235	5	0.5	1.25	82 TONS	131 S.Y.
LT	49+30 - 49+75	2' FB	CL. II	45	5	0.5	1.25	16 TONS	25 S.Y.
NEBO LN.									
RT	16+01 - 17+20	2' FB	ECB	119	8	0.5	-	106 S.Y.	-
LT	17+00 - 19+75	2' FB	ECB	275	8	0.5	-	245 S.Y.	-
RT	17+20 - 19+75	2' FB	CL. II	255	5	0.5	1.25	89 TONS	142 S.Y.
KY 2533									
RT	50+25 - 51+51	NORMAL	ECB	126	4	0.5	-	56 S.Y.	-
* DITCH LINING NOT REQUIRED IF DURABLE ROCK IS ENCOUNTERED									

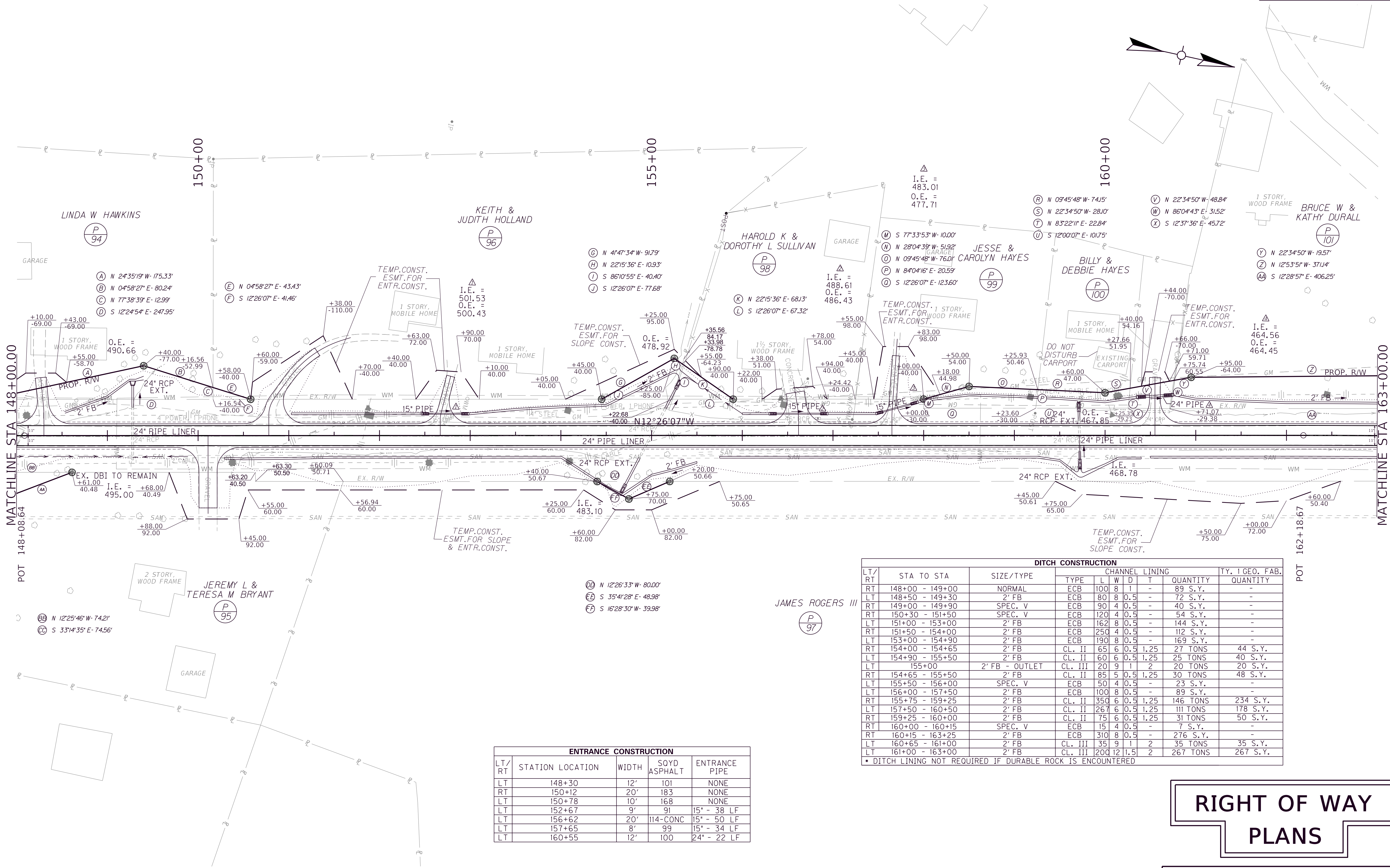
COUNTY OF	ITEM NO.	SHEET NO.
Muhlenberg	2-8802.00	R16

REVISED PLANS DATE: APRIL 5, 2022





KY 181 PROFILE
STA 133+00 TO 148+00

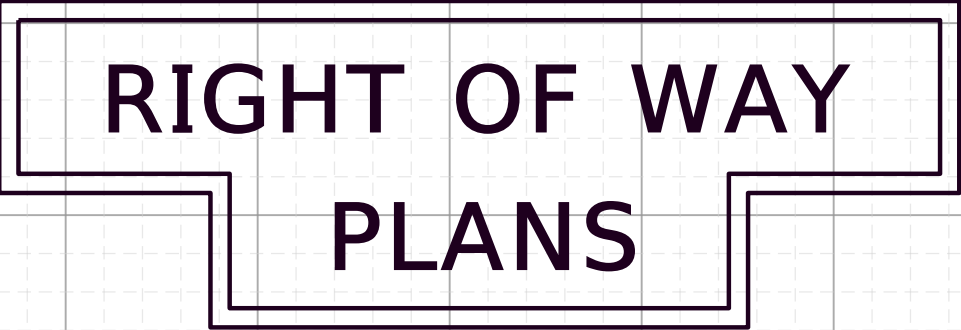


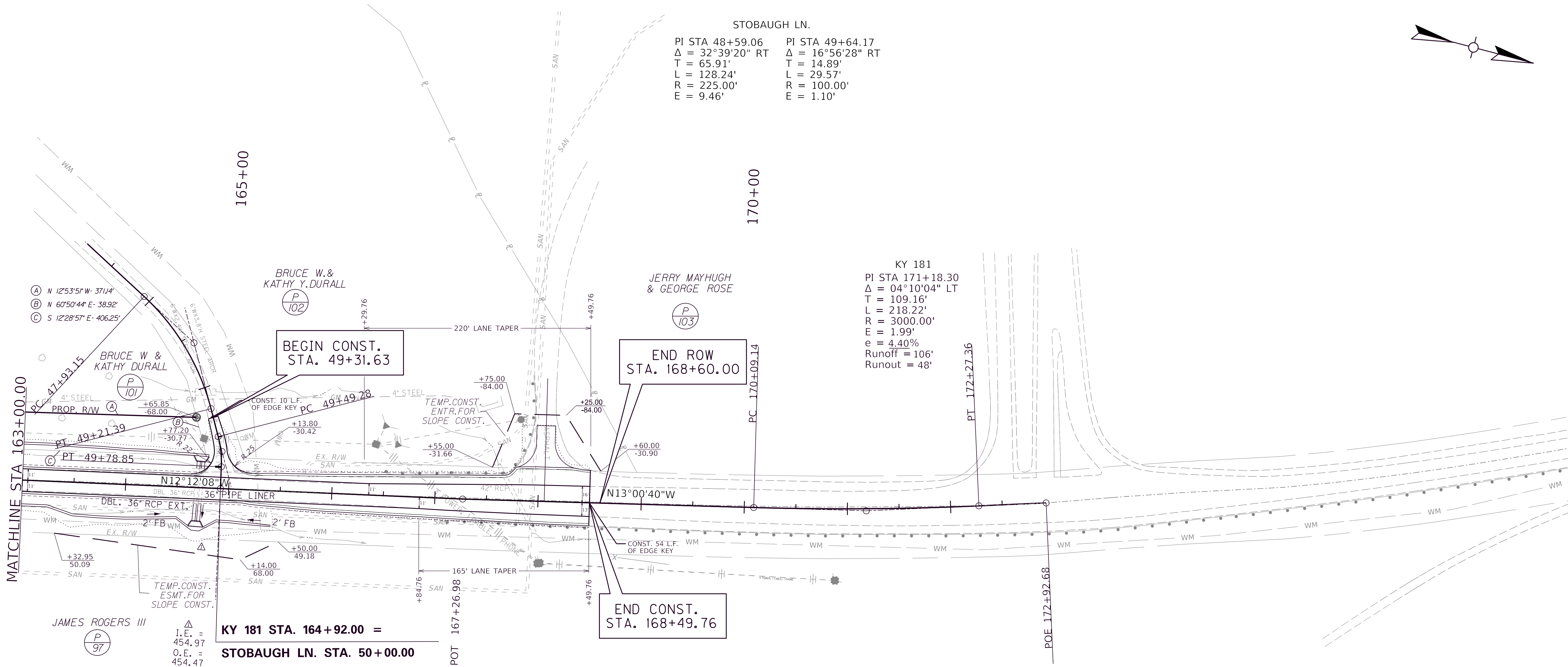
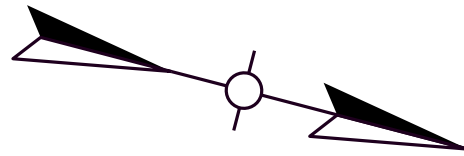
ENTRANCE CONSTRUCTION				
LT/RT	STATION LOCATION	WIDTH	SOYD ASPHALT	ENTRANCE PIPE
LT	148+30	12'	101	NONE
RT	150+12	20'	183	NONE
LT	150+78	10'	168	NONE
LT	152+67	9'	91	15' - 38 LF
LT	156+62	20'	114-CONC	15' - 50 LF
LT	157+65	8'	99	15' - 34 LF
LT	160+55	12'	100	24' - 22 LF

DITCH CONSTRUCTION								
LT/RT	STA TO STA	SIZE/TYPE	CHANNEL LINING				TY. 1 GEO. FAB.	
			TYPE	L	W	D		
RT	148+00 - 149+00	NORMAL	ECB	100	8	1	-	89 S.Y.
LT	148+50 - 149+30	2' FB	ECB	80	8	0.5	-	72 S.Y.
RT	149+00 - 149+90	SPEC. V	ECB	90	4	0.5	-	40 S.Y.
RT	150+30 - 151+50	SPEC. V	ECB	120	4	0.5	-	54 S.Y.
LT	151+00 - 153+00	2' FB	ECB	162	8	0.5	-	144 S.Y.
RT	151+50 - 154+00	2' FB	ECB	250	4	0.5	-	112 S.Y.
LT	153+00 - 154+90	2' FB	ECB	190	8	0.5	-	169 S.Y.
RT	154+00 - 154+65	2' FB	CL. II	65	6	0.5	1.25	27 TONS
LT	154+90 - 155+50	2' FB	CL. II	60	6	0.5	1.25	25 TONS
LT	155+00	2' FB - OUTLET	CL. III	20	9	1	2	20 TONS
RT	154+65 - 155+50	2' FB	CL. II	85	5	0.5	1.25	30 TONS
LT	155+50 - 156+00	SPEC. V	ECB	50	4	0.5	-	23 S.Y.
LT	156+00 - 157+50	2' FB	ECB	100	8	0.5	-	89 S.Y.
RT	155+75 - 159+25	2' FB	CL. II	350	6	0.5	1.25	146 TONS
LT	157+50 - 160+50	2' FB	CL. II	267	6	0.5	1.25	111 TONS
RT	159+25 - 160+00	2' FB	CL. II	75	6	0.5	1.25	31 TONS
RT	160+00 - 160+15	SPEC. V	ECB	15	4	0.5	-	7 S.Y.
RT	160+15 - 163+25	2' FB	ECB	310	8	0.5	-	276 S.Y.
LT	160+65 - 161+00	2' FB	CL. III	35	9	1	2	35 TONS
LT	161+00 - 163+00	2' FB	CL. III	200	12	1.5	2	267 TONS

* DITCH LINING NOT REQUIRED IF DURABLE ROCK IS ENCOUNTERED

RIGHT OF WAY
PLANS





STOBAUGH LN.
PI STA 48+59.06 PI STA 49+64.17
 $\Delta = 32^\circ 39' 20''$ RT $\Delta = 16^\circ 56' 28''$ RT
T = 65.91' T = 14.89'
L = 128.24' L = 29.57'
R = 225.00' R = 100.00'
E = 9.46' E = 1.10'

KY 181
PI STA 171+18.30
 $\Delta = 04^\circ 10' 04''$ LT
T = 109.16'
L = 218.22'
R = 3000.00'
E = 1.99'
e = 4.40%
Runoff = 106'
Runout = 48'

BEGIN CONST.
STA. 49+31.63

END ROW
STA. 168+60.00

END CONST.
STA. 168+49.76

KY 181 STA. 164+92.00 =
STOBAUGH LN. STA. 50+00.00

RIGHT OF WAY PLANS

ENTRANCE CONSTRUCTION				
LT/ RT	STATION LOCATION	WIDTH	SOYD ASPHALT	ENTRANCE PIPE
LT	168+06	18'	95	NONE

DITCH CONSTRUCTION									
LT/ RT	STA TO STA	SIZE/TYPE	CHANNEL LINING						TY. 1 GEO. FAB.
			TYPE	L	W	D	T	QUANTITY	
LT	163+00 - 164+80	2' FB	CL. III	180	12	1.5	2	240 TONS	240 S.Y.
RT	163+25 - 163+50	2' FB	CL. II	25	6	0.5	1.25	10 TONS	17 S.Y.
RT	163+50 - 165+50	2' FB	CL. II	200	12	1.5	1.25	167 TONS	267 S.Y.
* DITCH LINING NOT REQUIRED IF DURABLE ROCK IS ENCOUNTERED									

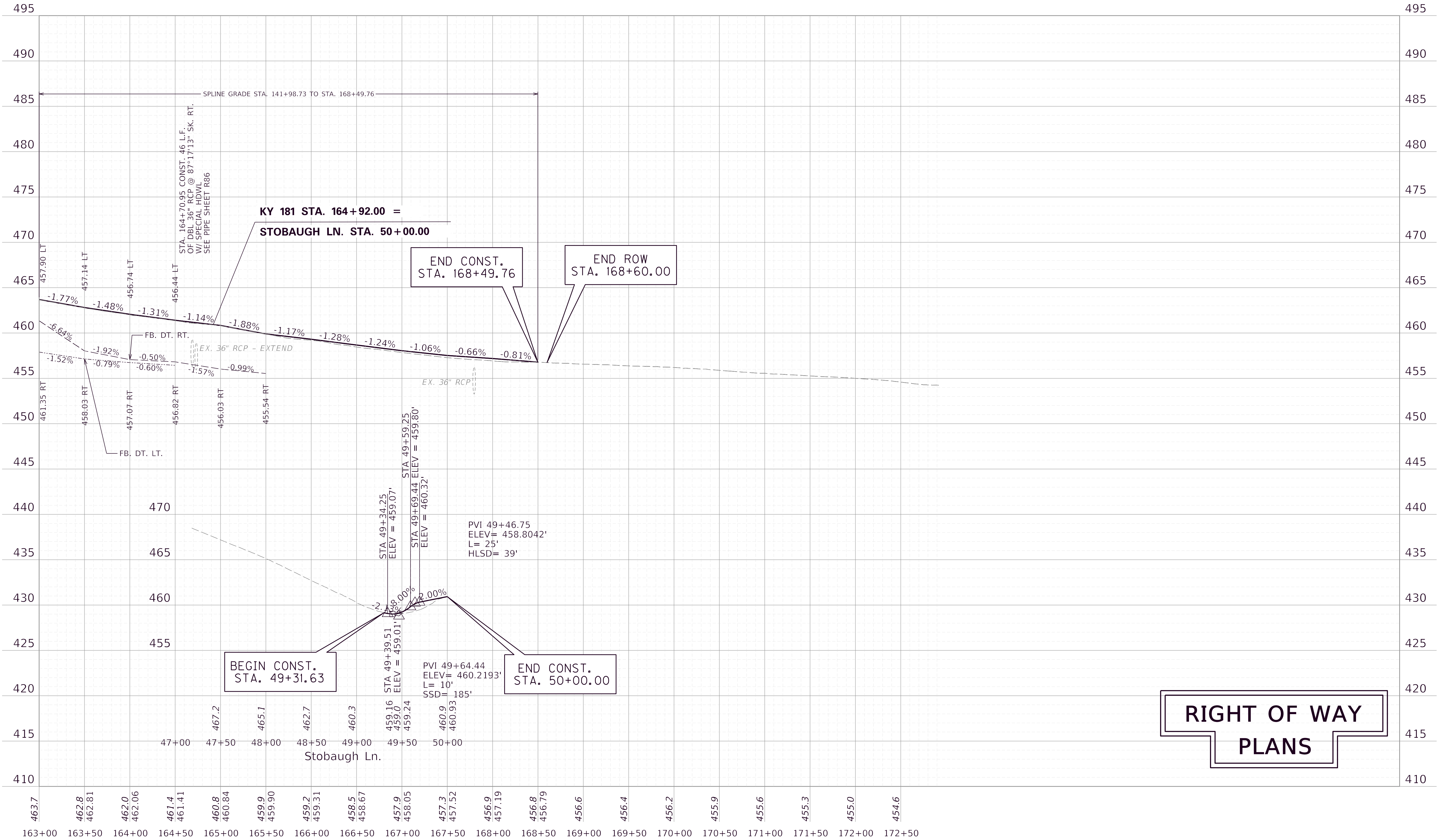
SCALE: 1" = 50'

KY 181
STA 163+00 TO 172+92.68

FILE NAME: F:\ENGR\RD\1955.05 KY 181 WIDENING - MUHLENBERG\PHASE II\CAD\PLAN PRODUCTION\PLAN02_8802_R_PLANDGN

USER: hbruce
DATE PLOTTED: September 7, 2005

OpenRoads Designer v10.14.4.4



RIGHT OF WAY
PLANS

KY 181 PROFILE
STA 163+00 TO 172+92.68

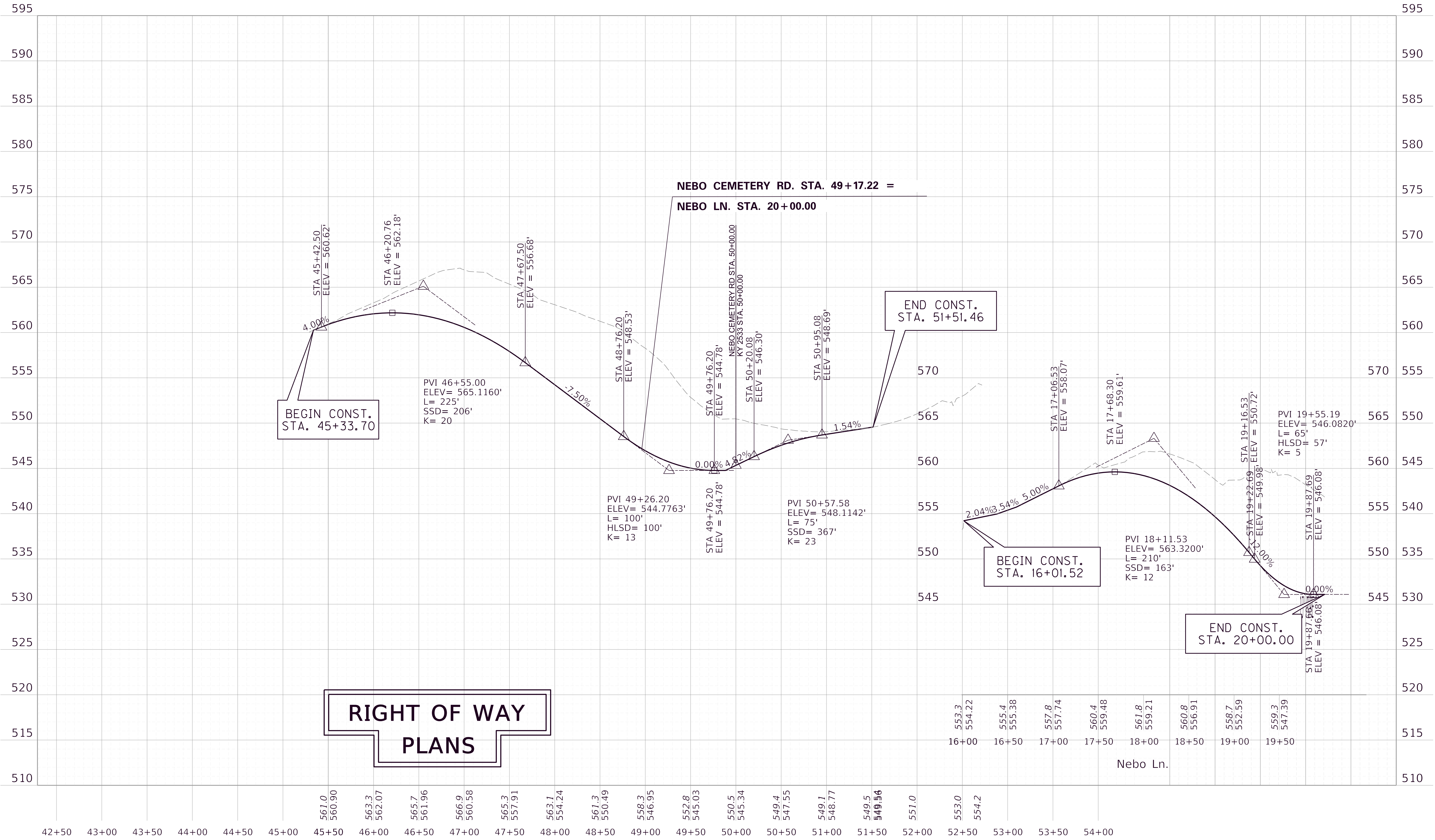
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USER: hbruce
DATE PLOTTED: September 7, 2005

OpenRoads Designer v10.14.4.4

SCALE: 1" = 50' HORIZONTAL
1" = 5' VERTICAL

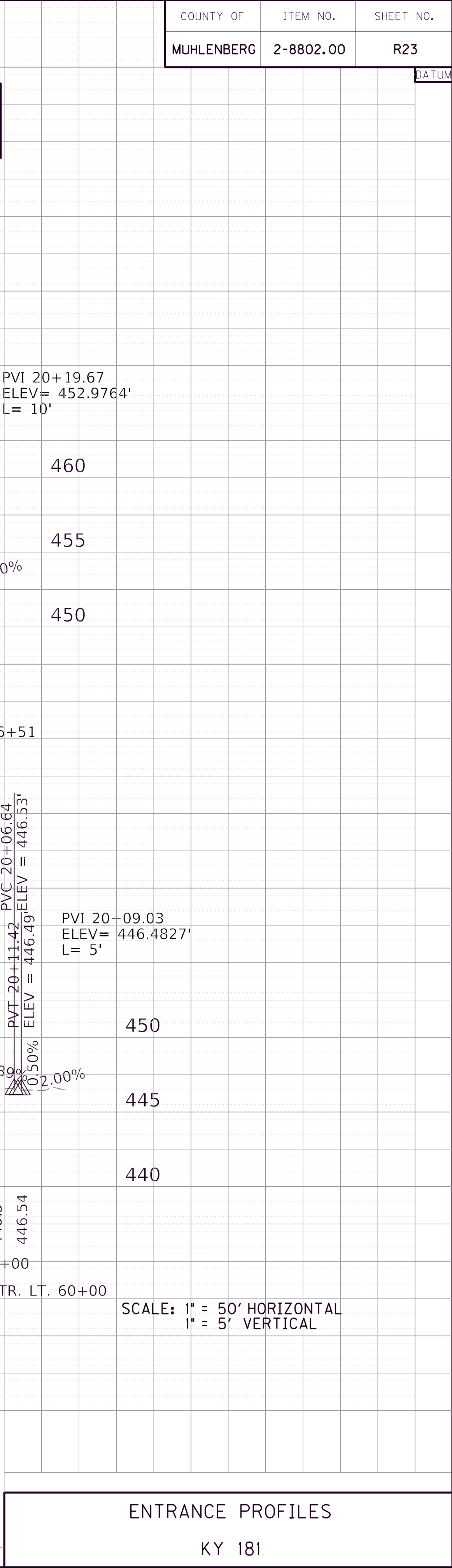
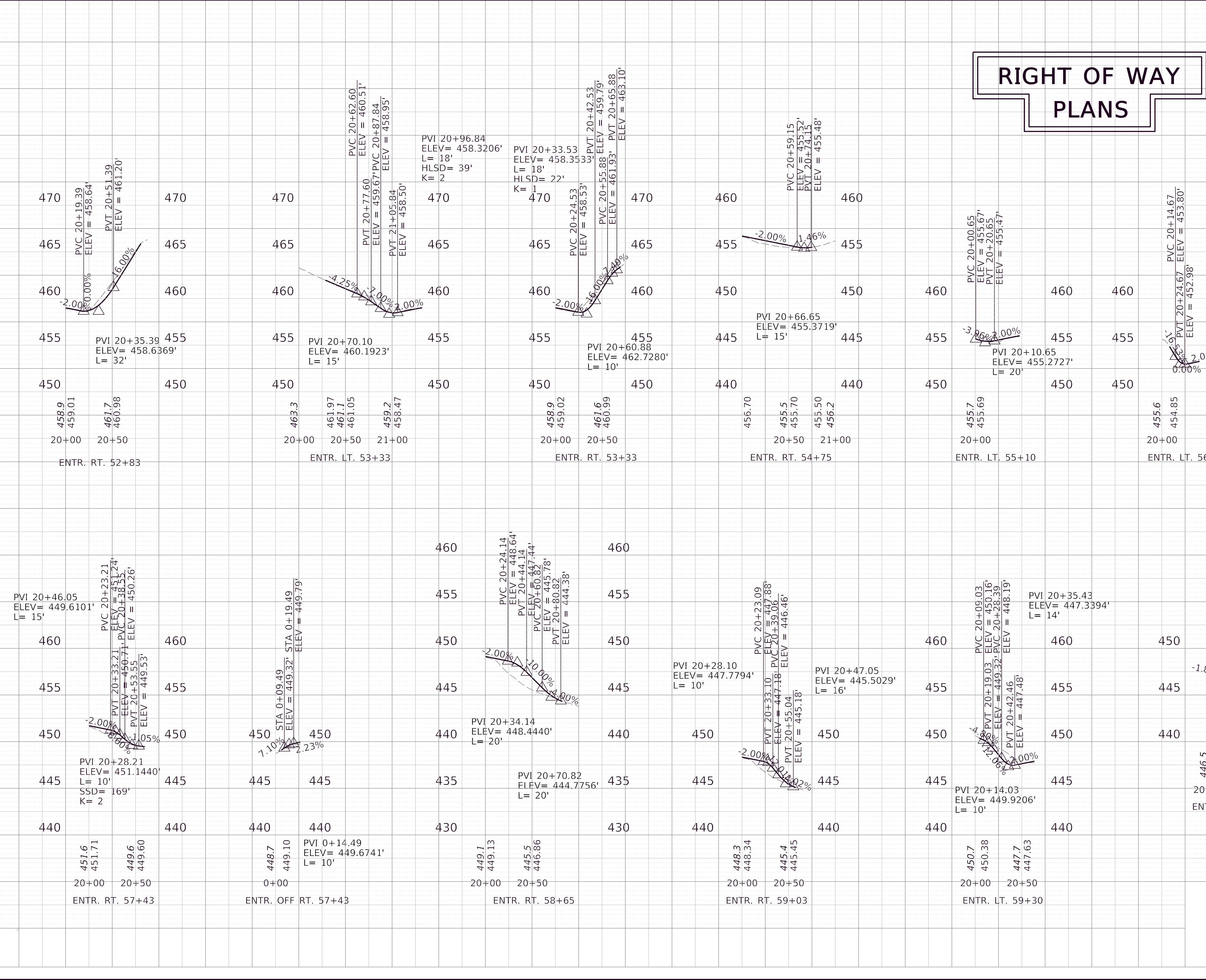
COUNTY OF	ITEM NO.	SHEET NO.
Muhlenberg	2-8802.00	R22



Nebo Cemetery Rd. - KY 2533 Profile
Nebo Ln Profile

DATUM

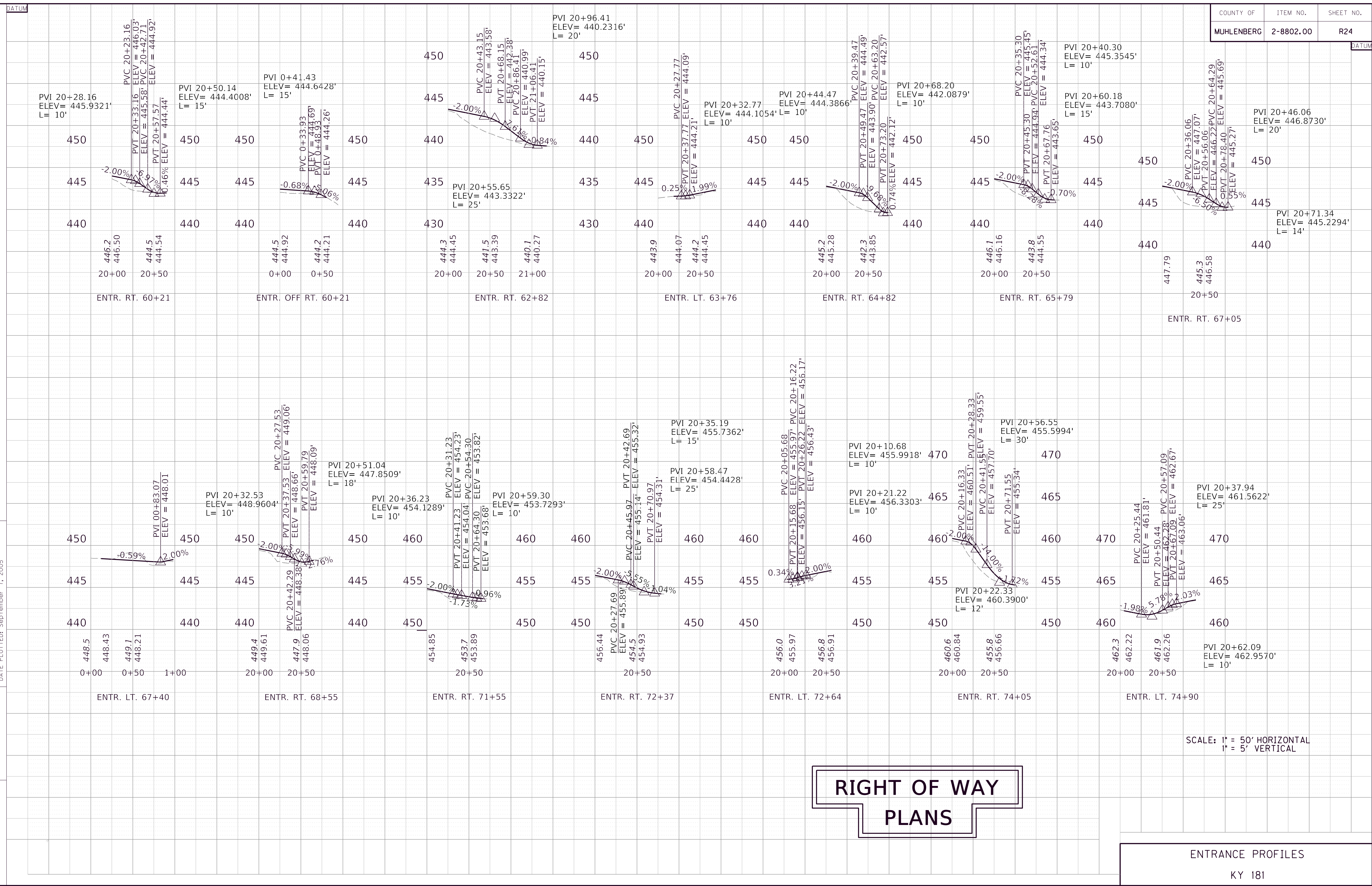
RIGHT OF WAY
PLANS

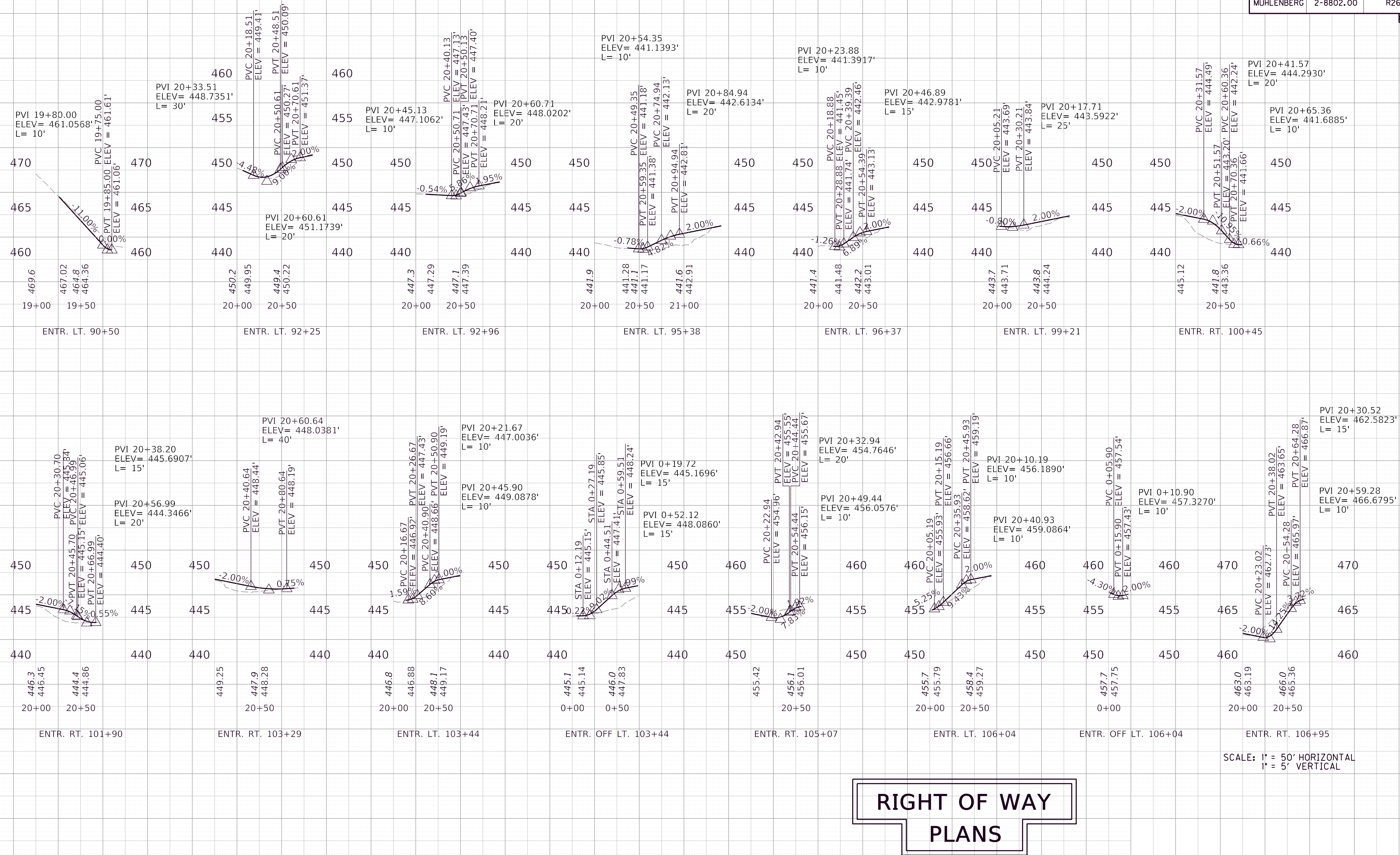


ENTRANCE PROFILES

KY 181

SCALE: 1" = 50' HORIZONTAL
1" = 5' VERTICAL





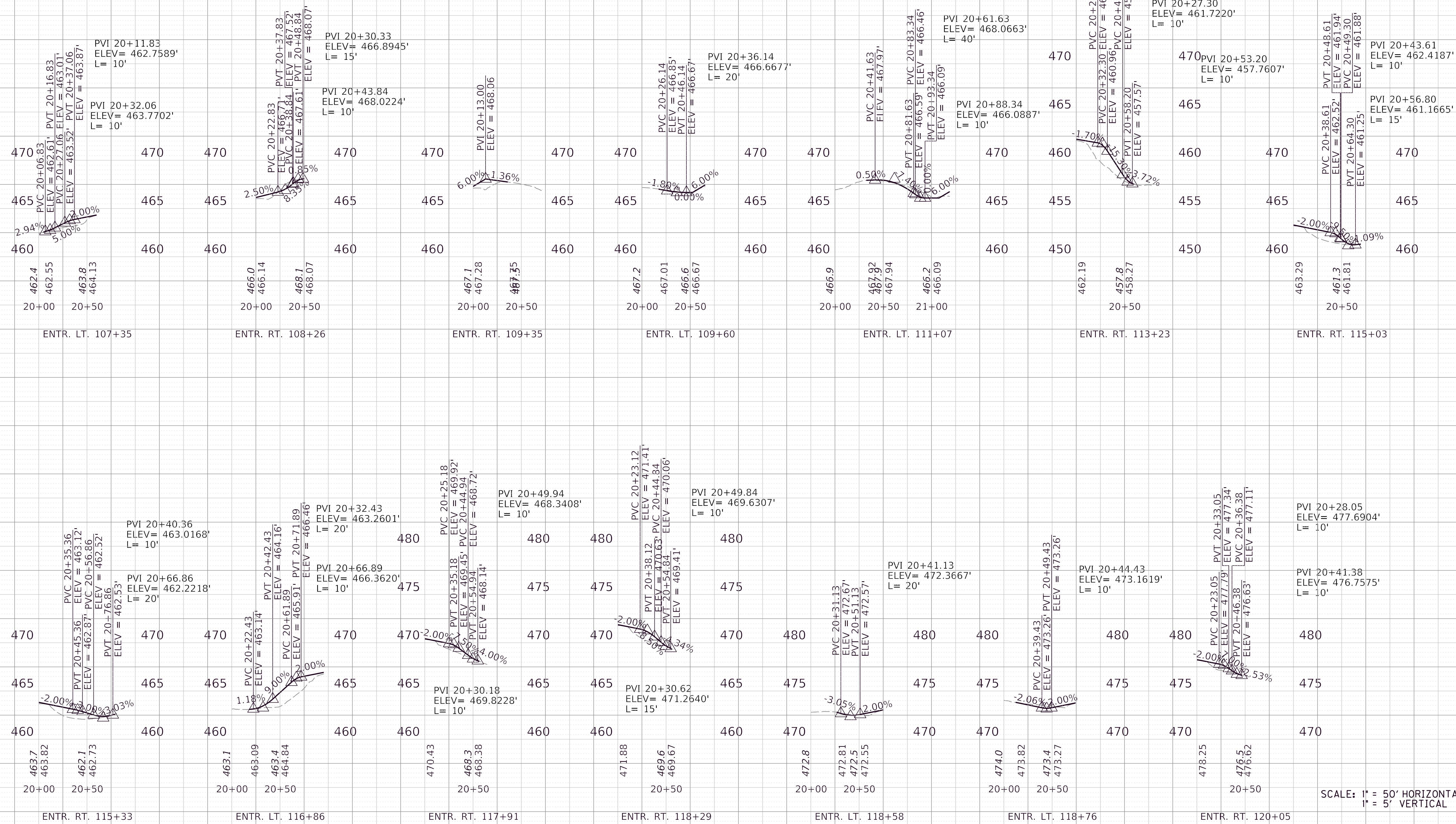
SCALE: 1" = 50' HORIZONTAL
1" = 5' VERTICAL

RIGHT OF WAY PLANS

ENTRANCE PROFILES

KY 181

COUNTY OF	ITEM NO.	SHEET NO.
MUHLENBERG	2-8802.00	R27



RIGHT OF WAY PLANS

ENTRANCE PROFILES

KY 181

FILE NAME: F:\ENGR\HD\955.05 KY 181 WIDENING - MUHLENBERG\PHASE II\CAD\PLAN PRODUCTION\DETAILS\02_8802_ROW_SUMMARY.DGN

USER: hbruce
DATE PLOTTED: September 7, 2005

OpenRoads Designer v10.14.4.4

ROW SUMMARY

PARCEL NO.	OWNERS	ACRES	SQ. FT.	ACRES	SQ. FT.	EASEMENTS		AREA SEVERED				EXCESS PURCHASED		PORTION REMAINING		SEWER SYSTEM TYPE	SEWER SYSTEM AFFECTED BY PROJECT		BUILDINGS ACQUIRED NUMBER						SOURCE OF TITLE	REMARKS*		
						PERMANENT	TEMPORARY	LEFT		RIGHT		ACRES	SQ. FT.	ACRES	SQ. FT.		ACRES	SQ. FT.	ACRES	SQ. FT.	YES	NO	C	R			F	S
								SQ. FT.	SQ. FT.	ACRES	SQ. FT.																	
1	JOSEPH C. WILSON	2.755	b				1,761							2.755		1							D.B. 555 PG. 262					
2	KEVIN DUNCAN	4.137	b				3,604							4.137		1							D.B. 549 PG. 103					
3	JEREMEY S & KEISHA N CRICK	1.146	c				2,418							1.146		1							D.B. 543 PG. 329					
4	MELBA EVITTS	1.587	c				2,033							1.587		1							D.B. 427 PG. 504					
5	COVENANT OF GRACE COMMUNITY CHURCH, INC.	1.320	a				1,367							1.320		1							D.B. 592 PG. 635					
6	BRITTANY KATHERINE & SETH ALAN ROBERTSON		20,996	b			1,747							20,996		1							D.B. 588 PG. 433					
7	JAMES E & BRENDA CARVER	3.226	b				5,542							3.226		5							D.B. 430 PG. 206					
8	BOB HENDRIX		41,905	c			3,494							41,905		4							D.B. 444 PG. 491					
9	NOT USED																											
10	DAVID W. & BONNIE S KEITH	1.579	b	b	3,184		1,600							1.506		1							D.B. 501 PG. 280					
11	ELMER E & VIVIAN A WALKER		38,551	b	720		5,126							37,831		1							D.B. 554 PG. 17					
12	NOT USED																											
13	KENNETH G & BRENDA WALKER	1.374	b		2,338		2,333							1.320		1							D.B. 372 PG. 344					
14	THOMAS R & DEBORAH K FLETCHER	4.964	b		8,163		3,100							4.777		1							D.B. 412 PG. 280					
15	MICHAEL Q & EMILY D CARDER		20,212	c	2,371		1,234							17,841		1							D.B. 584 PG. 12					
16	WALLACE JR & VICKI L SLINKER	74.780	b		6,081		9,275							74.640		5							D.B. 536 PG 289					
17	WILLIAM D & BOBBY FAITH		40,337	b	2,274		951							38,063		1							D.B. 509 PG 306					
18	JERRY & JANEA MORRIS		29,359	c	4,839		974							24,520		1							D.B. 482 PG 312					
19	MEGAN STEELE		26,136	b	827		2,076							25,309		1							D.B. 548 PG 72					
20	ROSE GARRETT		39,988	c	2,963		2,269							37,025		1							D.B. 314 PG 695					
21	CAROLYN GRAHAM		36,939	b	2,996		1,340							33,943		1							D.B. 567 PG 186					
22	MICHAEL & SHEILA MERCER		31,320	b	2,545		2,278							28,775		1							D.B. 598 PG 1200					
23	MITCHELL & COLETTA KINKADE	1.150	b		1,778		790							1.109		1							D.B. 388 PG 683					
24	LINDA R SIMPKINS		37,505	a	2,966		1,132							34,539		1							D.B. 567 PG 426					
25	RICHARD W. & JACKIE D. CHAPMAN	1.148	b		1,851		3,603							1.106		1							D.B. 471 PG. 627					
26	SHIRLEY A CLEMENTS REVOCABLE LIVING TRUST	1.832	b		2,756		5,107							1.769		1							D.B. 595 PG.94	Septic Behind House, Subject to Mineral Rights				
27	CLARENCE MITHCELL & ALICE FAYE GUNN	2.201	b		7,539		388							2.028		1							D.B. 567 PG. 175	Septic Behind House				
28	VANESSA F & WILLIAM R HAYES	1.000	a		10,495									0.759		1							D.B. 543 PG 329	Lat. Lines Located				

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

BASIS FOR DETERMINATION OF AREA
a. P.V.A.
b. DEED
c. CALCULATED

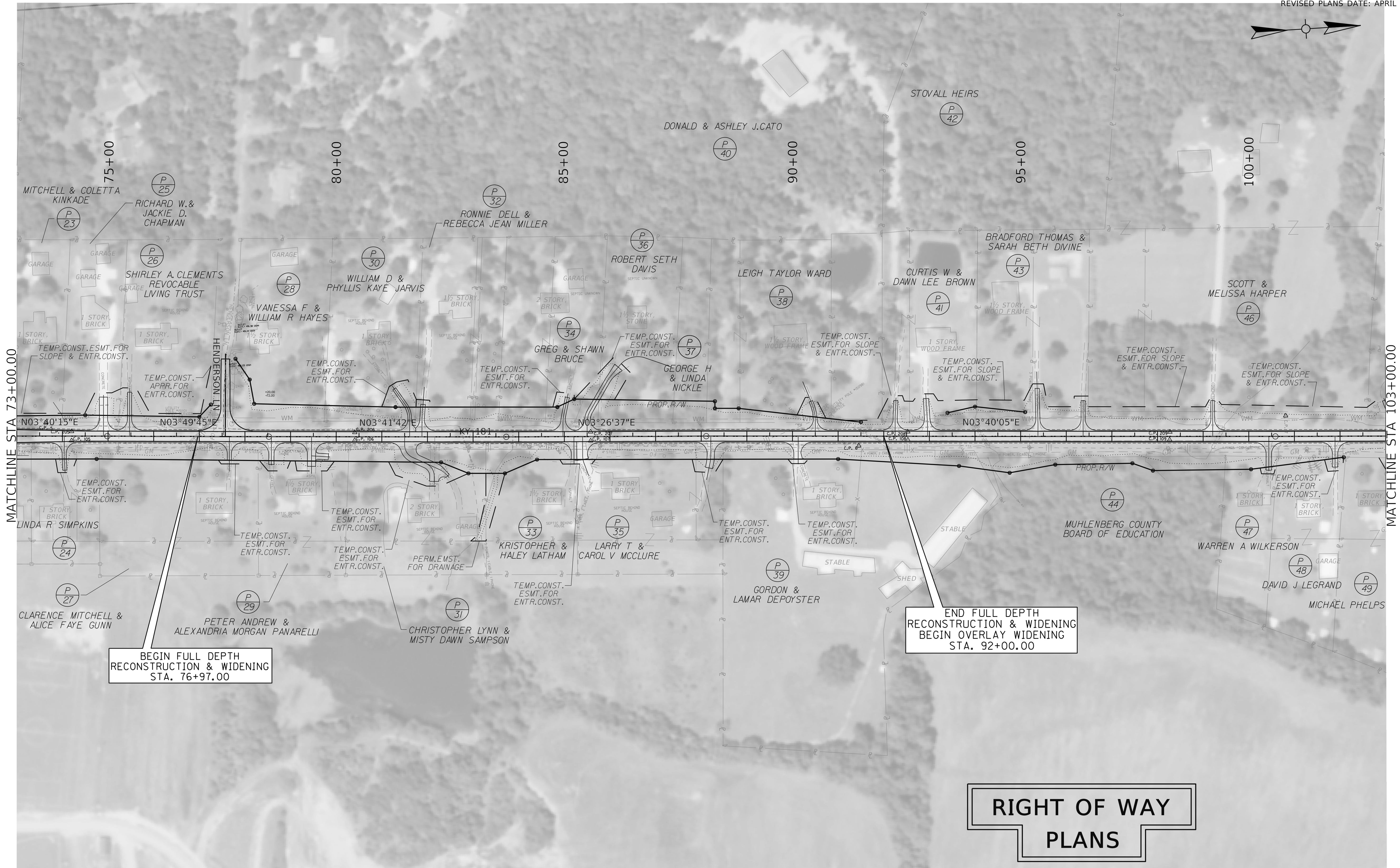
RIGHT OF WAY
PLANS

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

SCALE:

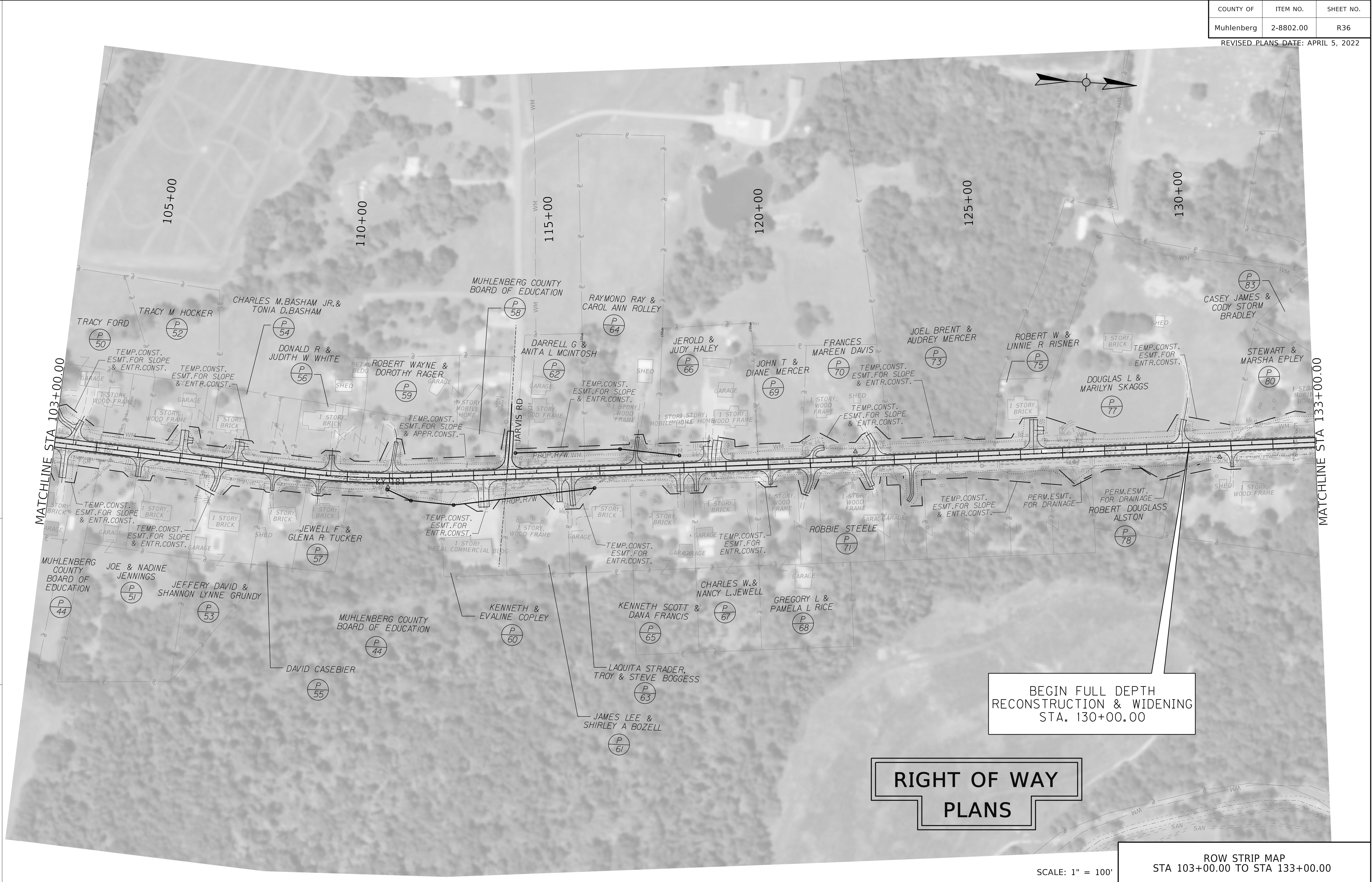
RIGHT OF WAY SUMMARY



FILE NAME: F:\ENGR\RD\1955.05 KY 181 WIDENING - MUHLENBERG\PHASE II\CAD\PLAN PRODUCTION\PLAN02_8802_STRIP_MAP.DGN

USER: hnuce
DATE PLOTTED: September 7, 2005

OpenRoads Designer v10.14.4.4



BEGIN FULL DEPTH
RECONSTRUCTION & WIDENING
STA. 130+00.00

RIGHT OF WAY PLANS

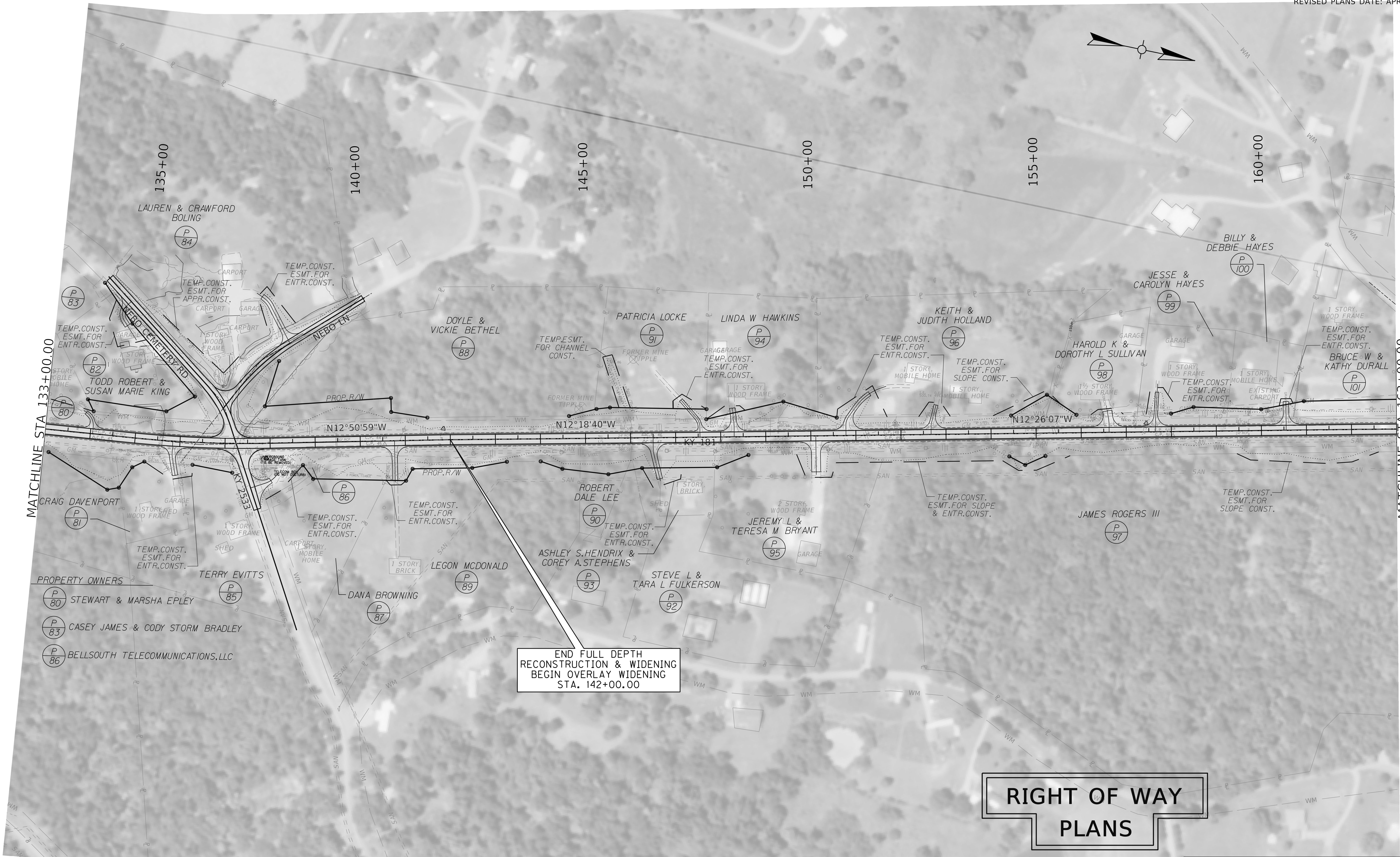
SCALE: 1" = 100'

ROW STRIP MAP
STA 103+00.00 TO STA 133+00.00

FILE NAME: F:\ENGR\RD\135.05 KY 181 WIDENING - MUHLENBERG\PHASE II\CAD\PLAN PRODUCTION\PLAN02_8802_STRIP_MAP.DGN

USER: hrbuce
DATE PLOTTED: September 7, 2005

OpenRoads Designer v10.14.4.4



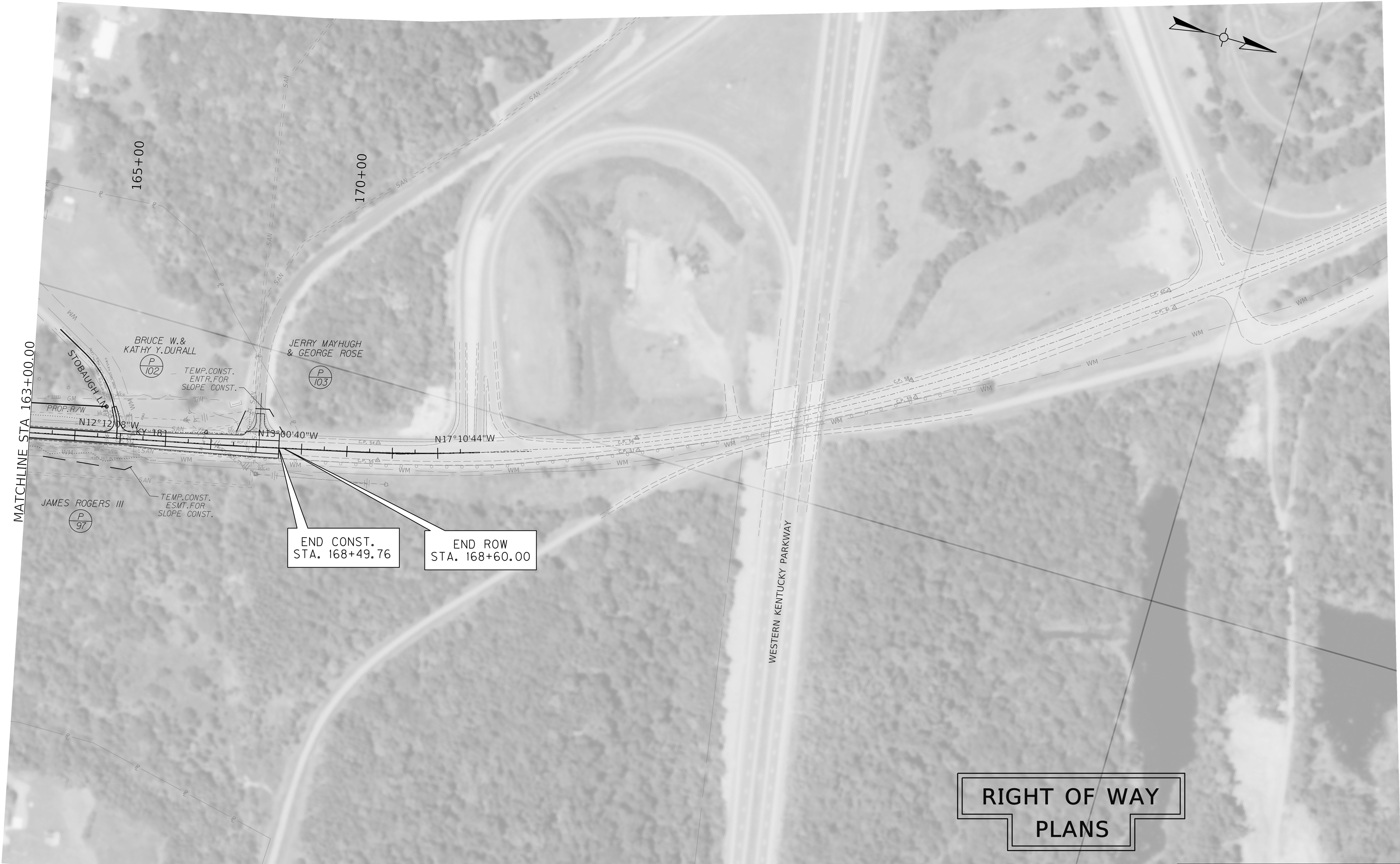
SCALE: 1" = 100'

ROW STRIP MAP
STA 133+00.00 TO STA 163+00.00

FILE NAME: F:\ENGR\RD\355.05 KY 181 WIDENING - MUHLENBERG\PHASE II\CAD\PLAN PRODUCTION\PLAN102_8802_STRIP_MAP.DGN

USER: rmaxfield
DATE PLOTTED: September 7, 2005

OpenRoads Designer v10.14.4.4



FILE NAME: F:\ENGR\RD1955.05 KY 181 WIDENING - MUHLENBERG\PHASE II\CAD\PLAN PRODUCTION\DETAILS\02.8802_ROW_MONUMENTATION.DGN

USER: acarpenier
DATE PLOTTED: September 7, 2005

OpenRoads Designer v10.14.4.4

COORDINATE SYSTEM

Coordinates for horizontal control were obtained from GPS methods and adjusted to the National NAD83/FBN System.

Coordinates are based on State Plane Coordinate System Single Zone and in U.S. Survey Feet. No project scale factor is necessary for this project.

BASIS OF ELEVATIONS

Elevations were derived from GPS methods and are adjusted to the NAVD88 Vertical Datum. Geoid model used was Geoid 12A.

PROP. KY 181

POINT	STATION	STATE PLANE COORDINATES	
		NORTH (Y)	EAST (X)
POB	50+00.00	3606310.1329	4500788.3164
PI	55+09.50	3606818.4963	4500822.3596
PI	59+90.88	3607298.8342	4500853.9186
PI	61+77.68	3607485.2948	4500865.2637
PI	63+14.50	3607621.8127	4500874.3715
PI	72+44.33	3608550.0259	4500929.1278

PROP. APPROACHES

POINT	STATION	STATE PLANE COORDINATES	
		NORTH (Y)	EAST (X)
KY 601			
POB	0+00.00	3606382.2710	4500482.6820
PI	3+59.10	3606330.1290	4500837.9750
PI	4+70.23	3606313.7317	4500947.8875
POE	5+87.39	3606294.1990	4501063.4160
MUSTANG WAY			
POB	50+00.00	3608339.0634	4500916.6829
POE	51+89.43	3608327.9080	4501105.7865

COORDINATE CONTROL POINTS

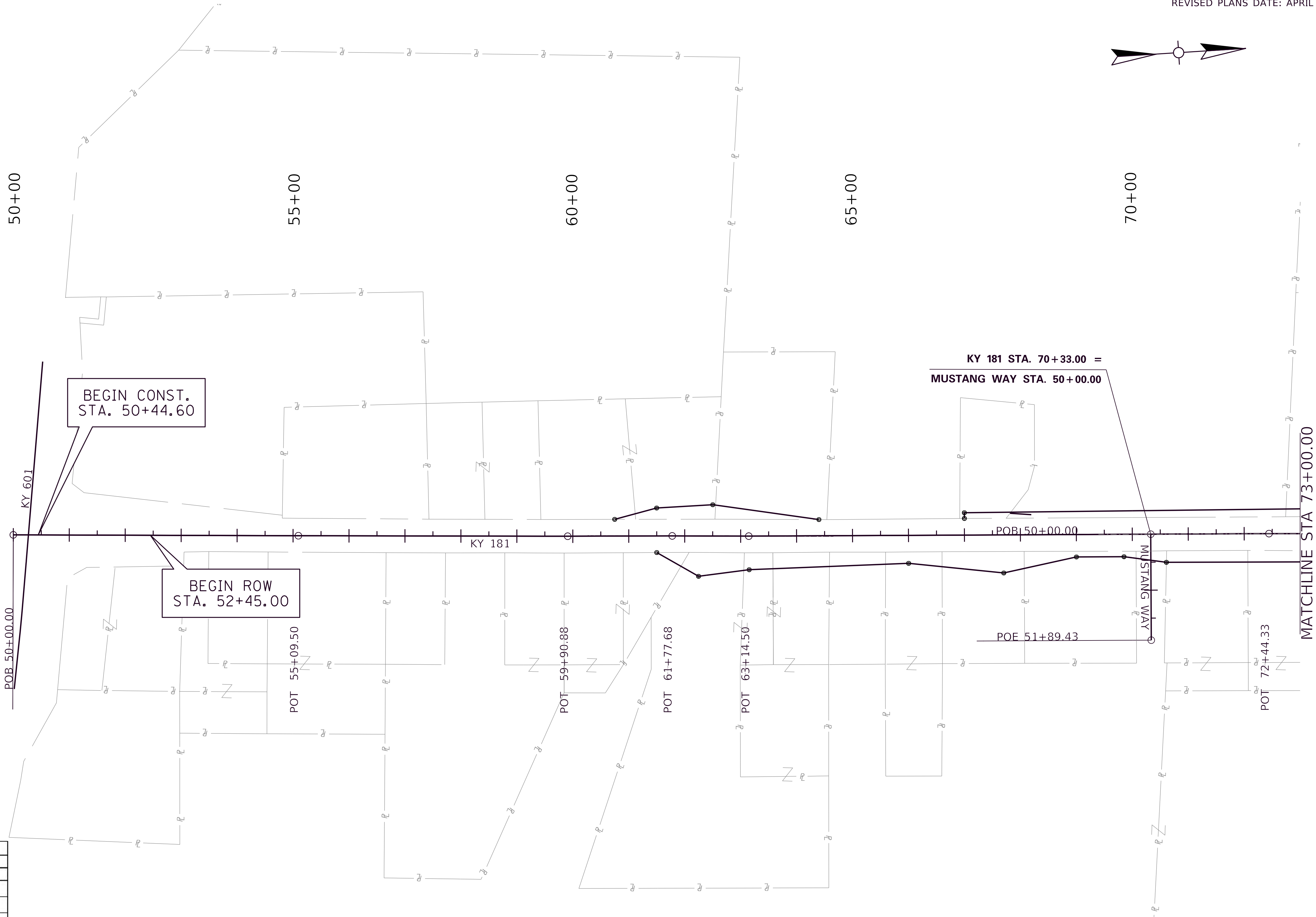
POINT	DESCRIPTION	STATE PLANE COORDINATES			STATION	OFFSET
		NORTH (Y)	EAST (X)	ELEV. (Z)		
2	CP 2-IPC	3606301.7980	4500757.4370	457.0900	Off-Align	Off-Align
101	MMP-CP 15	3606393.7500	4500816.6800	453.9900	50+85.33	22.71
201	MMP-CP 14	3606399.0100	4500769.6900	454.5700	50+87.43	-24.51
202	MMP-CP 16	3606950.7500	4500818.8900	453.0900	56+41.24	-12.13
102	MMP-CP 17	3606951.0900	4500841.7400	453.1500	56+43.08	10.65
3	CP 3-MAG	3607027.9940	4500798.1690	455.8500	57+16.96	-37.87
103	MMP-CP 19	3607525.6400	4500876.7600	443.9900	62+18.70	8.79
203	MMP-CP 18	3607526.8400	4500859.3200	444.2300	62+18.74	-8.68
104	MMP-CP 21	3608133.4400	4500918.1900	448.8300	68+27.82	13.61
204	MMP-CP 20	3608135.0400	4500892.9000	449.0900	68+27.93	-11.73
4	CP 4-IPC	3608150.1820	4500858.8540	448.5900	68+41.04	-46.61

RIGHT OF WAY MONUMENTS

STATION	OFFSET	ROW. MON. TYPE	STATE PLANE COORDINATES	
			NORTH (Y)	EAST (X)
60+75.00	-29.93	1	3607384.6212	4500829.1511
61+50.00	-50.00	1	3607460.7015	4500813.6749
61+50.00	29.58	1	3607455.8683	4500893.1102
62+25.00	72.00	1	3607527.7160	4500940.2539
62+50.00	-56.00	1	3607561.1812	4500814.2020
63+15.00	60.00	1	3607618.7762	4500934.2967
64+40.00	-29.00	1	3607748.8003	4500852.8136
66+00.00	50.00	1	3607903.8705	4500941.0973
67+00.00	-29.77	1	3608008.3945	4500867.3547
67+00.00	-40.00	1	3608008.9969	4500857.1424
67+70.00	68.00	1	3608072.5154	4500969.0772
69+00.00	40.00	1	3608203.9387	4500948.7813
69+85.00	40.00	1	3608288.7912	4500953.7868
70+60.70	50.35	1	3608363.7472	4500968.5729

COUNTY OF	ITEM NO.	SHEET NO.
Muhlenberg	2-8802.00	R39

REVISED PLANS DATE: APRIL 5, 2022



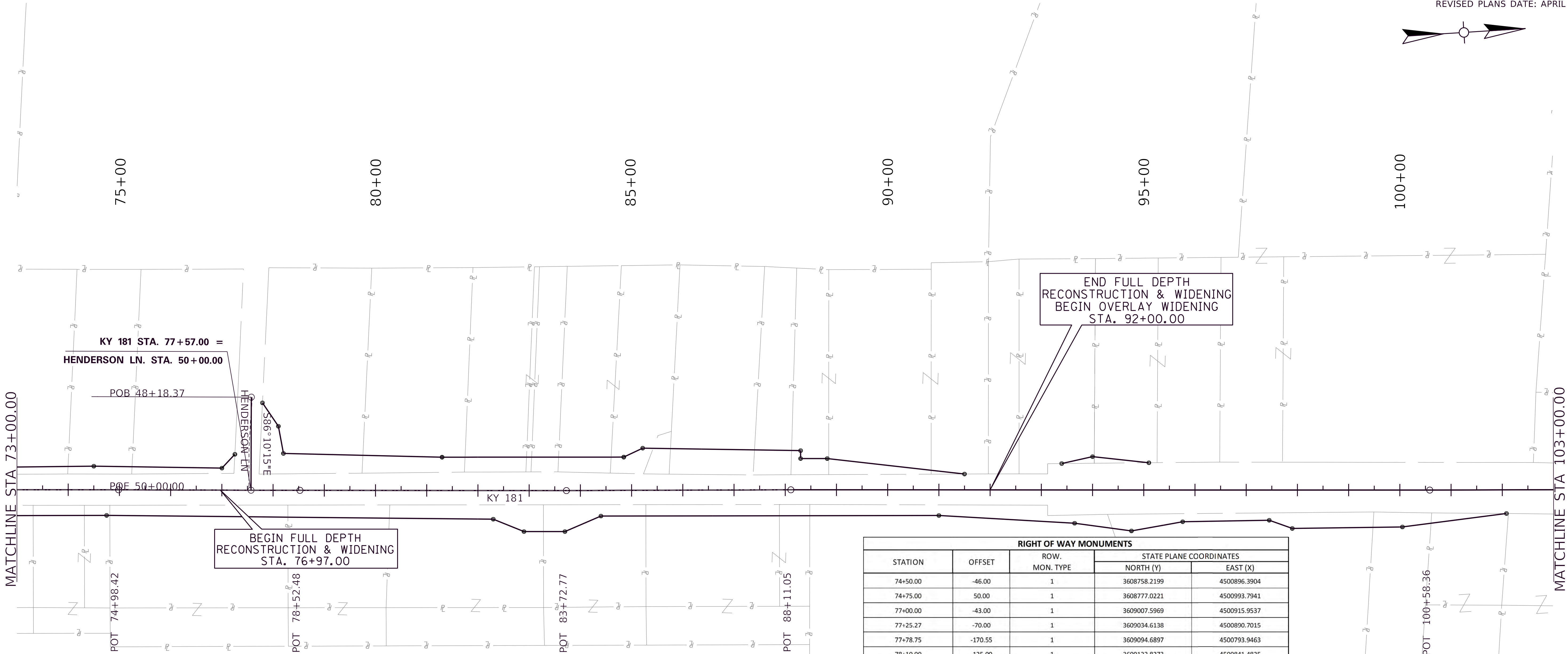
RIGHT OF WAY
PLANS

SCALE: 1" = 100'

KY 181
ROW MONUMENTATION &
COORDINATE CONTROL
STA 50+00 TO 73+00

COUNTY OF	ITEM NO.	SHEET NO.
Muhlenberg	2-8802.00	R40

REVISED PLANS DATE: APRIL 5, 2022



PROP. KY 181			
POINT	STATION	STATE PLANE COORDINATES	
		NORTH (Y)	EAST (X)
PT	74+98.42	3608803.5962	4500945.3962
PI	78+52.48	3609156.8697	4500969.0406
PI	83+72.77	3609676.0698	4501002.5712
PI	88+11.05	3610113.5602	4501028.8977
PI	100+58.36	3611358.3214	4501108.6973

PROP. APPROACHES			
POINT	STATION	STATE PLANE COORDINATES	
		NORTH (Y)	EAST (X)
HENDERSON LN.			
POB	48+18.37	3609073.7271	4500781.4441
POE	50+00.00	3609061.5981	4500962.6642

COORDINATE CONTROL POINTS						
POINT	DESCRIPTION	STATE PLANE COORDINATES			STATION	OFFSET
		NORTH (Y)	EAST (X)	ELEV. (Z)		
5	CP 5-IPC	3608670.8040	4500907.4740	456.3200	73+63.47	-29.34
6	CP 6-IPC	3610445.7660	4501071.2440	453.3400	91+45.28	21.01
7	CP 7-IPC	3611383.5560	4501065.0180	441.0200	100+80.90	-45.13
105	MMP-CP 23	3608724.7200	4500950.2500	460.7900	74+20.02	9.89
106	MMP-CP 25	3609344.0800	4500988.9900	483.5100	80+40.59	7.84
107	MMP-CP 27	3609860.1100	4501022.8300	483.0300	85+57.69	9.17
108	MMP-CP 29	3610554.0900	4501065.2100	450.1400	92+53.00	8.05
109	MMP-CP 31	3611126.4900	4501101.2600	443.5100	98+26.53	7.41
205	MMP-CP 22	3608726.0800	4500930.1300	461.1700	74+20.09	-10.27
206	MMP-CP 24	3609345.2600	4500971.7700	483.9700	84+40.66	-9.42
207	MMP-CP 26	3609861.1500	4501003.2400	483.1300	85+57.55	-10.45
208	MMP-CP 28	3610555.0700	4501047.2000	450.1700	92+52.82	-9.98
209	MMP-CP 30	3611128.2700	4501084.3200	443.9100	98+27.23	-9.61

RIGHT OF WAY MONUMENTS				
STATION	OFFSET	ROW. MON. TYPE	STATE PLANE COORDINATES	
			NORTH (Y)	EAST (X)
74+50.00	-46.00	1	3608758.2199	4500896.3904
74+75.00	50.00	1	3608777.0221	4500993.7941
77+00.00	-43.00	1	3609007.5969	4500915.9537
77+25.27	-70.00	1	3609034.6138	4500890.7015
77+78.75	-170.55	1	3609094.6897	4500793.9463
78+10.00	-125.00	1	3609122.8273	4500841.4825
78+20.00	-72.00	1	3609129.2657	4500895.0320
81+30.00	-65.00	1	3609437.9971	4500922.0608
82+30.00	55.90	1	3609529.9978	4501049.1515
82+90.00	80.00	1	3609588.3197	4501077.0708
83+70.00	80.00	1	3609668.1534	4501082.2266
84+40.00	49.94	1	3609740.1822	4501056.4602
84+85.00	-65.00	1	3609792.0051	4500944.4301
85+22.00	-82.34	1	3609829.9801	4500929.3402
88+30.00	-76.52	1	3610137.3688	4500953.7458
88+30.00	-61.00	1	3610136.3758	4500969.2351
88+82.00	-61.00	1	3610188.2692	4500972.5619
91+00.00	50.00	1	3610398.7212	4501097.2815
91+50.00	-30.99	1	3610453.8000	4501019.6598
93+39.80	-51.49	1	3610644.5248	4501011.3389
93+65.00	65.00	1	3610662.2186	4501129.2047
94+00.00	-65.00	1	3610705.4640	4501001.7103
94+76.00	80.00	1	36107722.0316	4501151.2755
95+10.00	-53.09	1	3610814.4767	4501020.6324
95+76.00	62.00	1	3610872.9783	4501139.7100
97+45.00	59.00	1	3611041.8240	4501147.5283
97+90.00	75.00	1	3611085.7082	4501166.3745
100+05.00	72.00	1	3611300.4597	4501177.1357
102+08.00	46.11	1	3611504.8855	4501163.7974

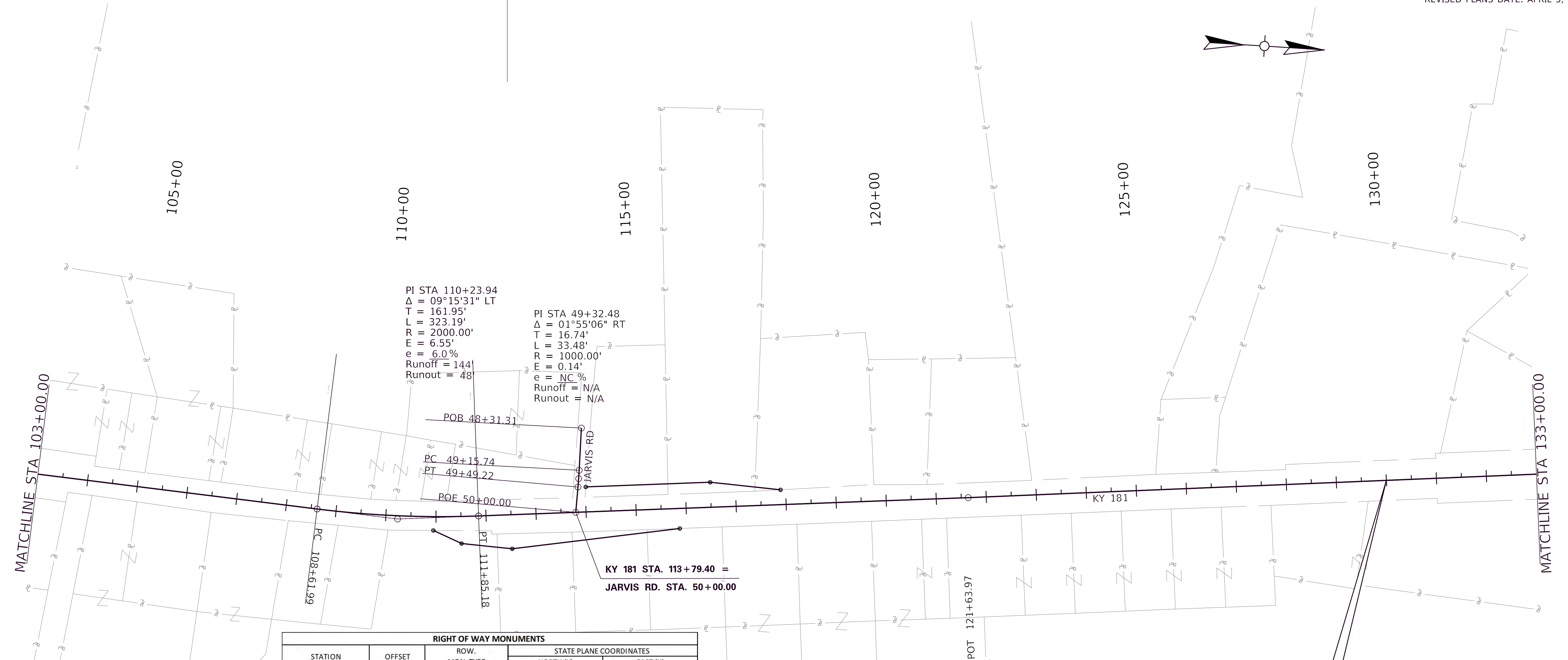
RIGHT OF WAY PLANS

KY 181
ROW MONUMENTATION &
COORDINATE CONTROL
STA 73+00 TO 103+00

SCALE: 1" = 100'

COUNTY OF	ITEM NO.	SHEET NO.
Muhlenberg	2-8802.00	R41

REVISÉD PLANS DATE: APRIL 5, 2022



RIGHT OF WAY MONUMENTS				
STATION	OFFSET	ROW. MON. TYPE	STATE PLANE COORDINATES	
			NORTH (Y)	EAST (X)
110+95.00	27.52	1	3612394.8812	4501185.4616
111+50.00	54.00	1	3612452.7056	4501207.9766
112+50.00	68.00	1	3612554.5775	4501212.0567
114+01.27	-50.00	1	3612693.2025	4501079.4276
115+86.00	40.00	1	3612886.0521	4501150.3770
116+50.00	-50.00	1	3612940.6664	4501054.3882
117+90.00	-29.65	1	3613082.0040	4501060.5428

PROP. KY 181			
POINT	STATION	STATE PLANE COORDINATES	
		NORTH (Y)	EAST (X)
PC	108+61.99	3612160.4725	4501157.4244
PI	110+23.51	3612322.0383	4501167.2387
PT	111+85.18	3612483.2435	4501150.9274
PI	121+63.97	3613457.0553	4501052.3932

PROP. APPROACHES			
POINT	STATION	STATE PLANE COORDINATES	
		NORTH (Y)	EAST (X)
JARVIS RD.			
POB	48+31.31	3612677.1247	4500962.7029
PC	49+15.74	3612677.9320	4501047.1358
PI	49+32.48	3612678.0920	4501063.8760
PC	49+49.22	3612677.6916	4501080.6122
POE	50+00.00	3612676.4772	4501131.3752

Coordinate Control Points						
Point	Description	State Plane Coordinates			Station	Offset
		North (Y)	East (X)	Elev. (Z)		
110	MMP-CP 33	3611731.5000	4501140.1000	452.1800	104+32.76	8.72
210	MMP-CP 32	3611733.2500	4501122.1800	452.1900	104+33.42	-9.28
211	MMP-CP 34	3612319.3600	4501151.1000	466.8700	110+21.14	-9.65
111	MMP-CP 35	3612319.9700	4501169.2500	467.1800	110+21.41	8.51
8	CP 8-IPC	3612395.9790	4501179.6840	465.9750	110+96.40	21.81
112	MMP-CP 37	3612905.4600	4501117.5900	464.8400	116+08.61	9.34
212	MMP-CP 36	3612903.6800	4501099.8100	464.6800	116+08.63	-8.53
9	CP 9-IPC	3613498.9780	4501025.2140	483.9900	122+08.50	-22.65
113	MMP-CP 39	3613508.9300	4501055.3500	483.9000	122+15.25	8.36
213	MMP-CP 38	3613507.4700	4501038.8300	484.0000	122+15.52	-8.22
114	MMP-CP 41	3614097.3200	4500994.0900	501.3900	128+06.82	8.92
214	MMP-CP 40	3614096.0700	4500977.4100	501.5100	128+07.32	-7.80
10	CP 10-IPC	3614362.9340	4500982.9220	517.6200	130+72.15	25.56

BEGIN FULL DEPTH
RECONSTRUCTION & WIDENING
STA. 130+00.00

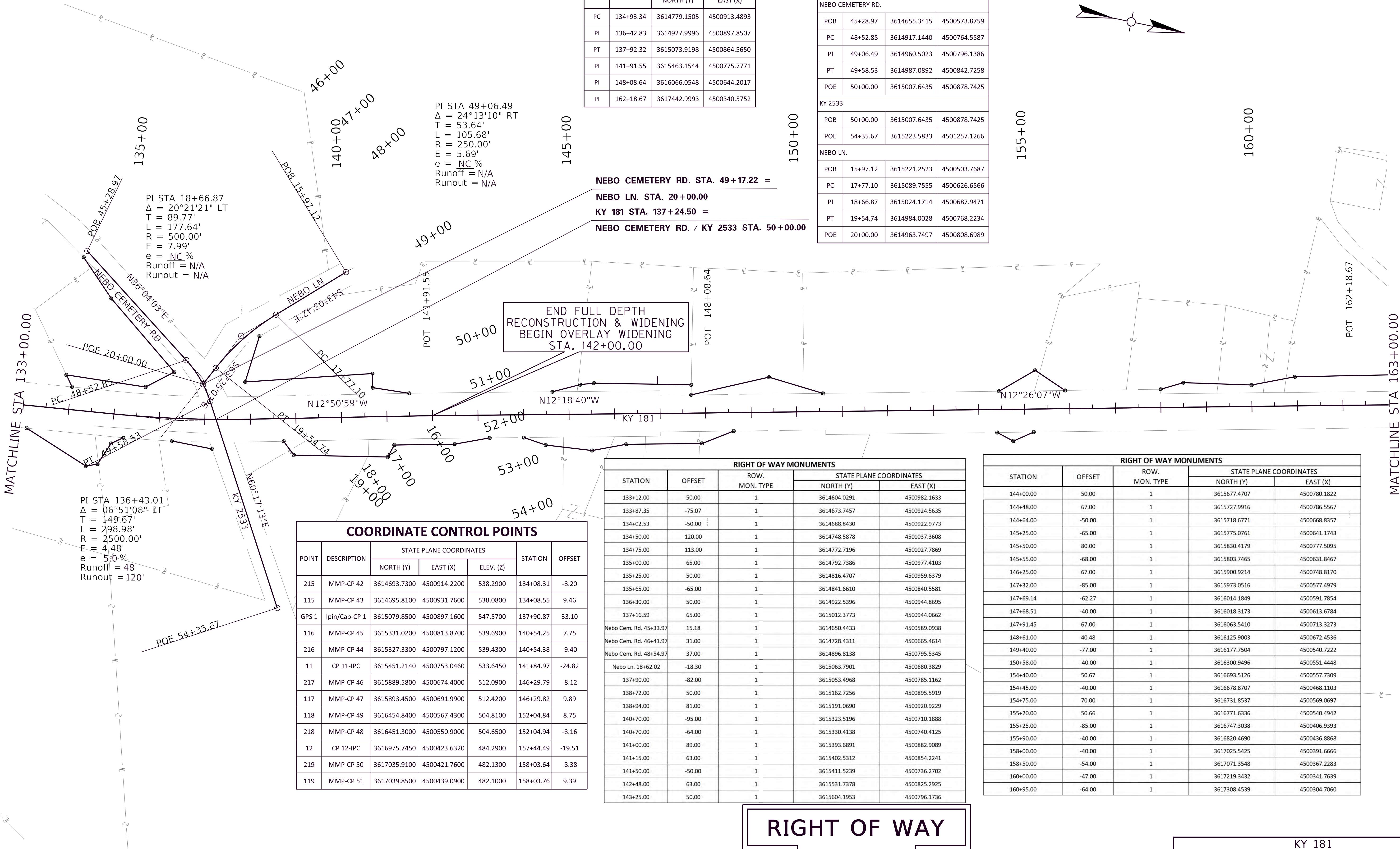
RIGHT OF WAY PLANS

KY 181
ROW MONUMENTATION &
COORDINATE CONTROL
STA 103+00 TO 133+00

SCALE: 1" = 100'

COUNTY OF	ITEM NO.	SHEET NO.
Muhlenberg	2-8802.00	R42

REVISED PLANS DATE: APRIL 5, 2022



POINT	DESCRIPTION	STATE PLANE COORDINATES			STATION	OFFSET
		NORTH (Y)	EAST (X)	ELEV. (Z)		
215	MMP-CP 42	3614693.7300	4500914.2200	538.2900	134+08.31	-8.20
115	MMP-CP 43	3614695.8100	4500931.7600	538.0800	134+08.55	9.46
GPS 1	Ipin/Cap-CP 1	3615079.8500	4500897.1600	547.5700	137+90.87	33.10
116	MMP-CP 45	3615331.0200	4500813.8700	539.6900	140+54.25	7.75
216	MMP-CP 44	3615327.3300	4500797.1200	539.4300	140+54.38	-9.40
11	CP 11-IPC	3615451.2140	4500753.0460	533.6450	141+84.97	-24.82
217	MMP-CP 46	3615889.5800	4500674.4000	512.0900	146+29.79	-8.12
117	MMP-CP 47	3615893.4500	4500691.9900	512.4200	146+29.82	9.89
118	MMP-CP 49	3616454.8400	4500567.4300	504.8100	152+04.84	8.75
218	MMP-CP 48	3616451.3000	4500550.9000	504.6500	152+04.94	-8.16
12	CP 12-IPC	3616975.7450	4500423.6320	484.2900	157+44.49	-19.51
219	MMP-CP 50	3617035.9100	4500421.7600	482.1300	158+03.64	-8.38
119	MMP-CP 51	3617039.8500	4500439.0900	482.1000	158+03.76	9.39

PROP. KY 181			
POINT	STATION	STATE PLANE COORDINATES	
		NORTH (Y)	EAST (X)
PC	134+93.34	3614779.1505	4500913.4893
PI	136+42.83	3614927.9996	4500897.8507
PT	137+92.32	3615073.9198	4500864.5650
PI	141+91.55	3615463.1544	4500775.7771
PI	148+08.64	3616066.0548	4500644.2017
PI	162+18.67	3617442.9993	4500340.5752

PROP. APPROACHES			
POINT	STATION	STATE PLANE COORDINATES	
		NORTH (Y)	EAST (X)
NEBO CEMETERY RD.			
POB	45+28.97	3614655.3415	4500573.8759
PC	48+52.85	3614917.1440	4500764.5587
PI	49+06.49	3614960.5023	4500796.1386
PT	49+58.53	3614987.0892	4500842.7258
POE	50+00.00	3615007.6435	4500878.7425
KY 2533			
POB	50+00.00	3615007.6435	4500878.7425
POE	54+35.67	3615223.5833	4501257.1266
NEBO LN.			
POB	15+97.12	3615221.2523	4500503.7687
PC	17+77.10	3615089.7555	4500626.6566
PI	18+66.87	3615024.1714	4500687.9471
PT	19+54.74	3614984.0028	4500768.2234
POE	20+00.00	3614963.7497	4500808.6989

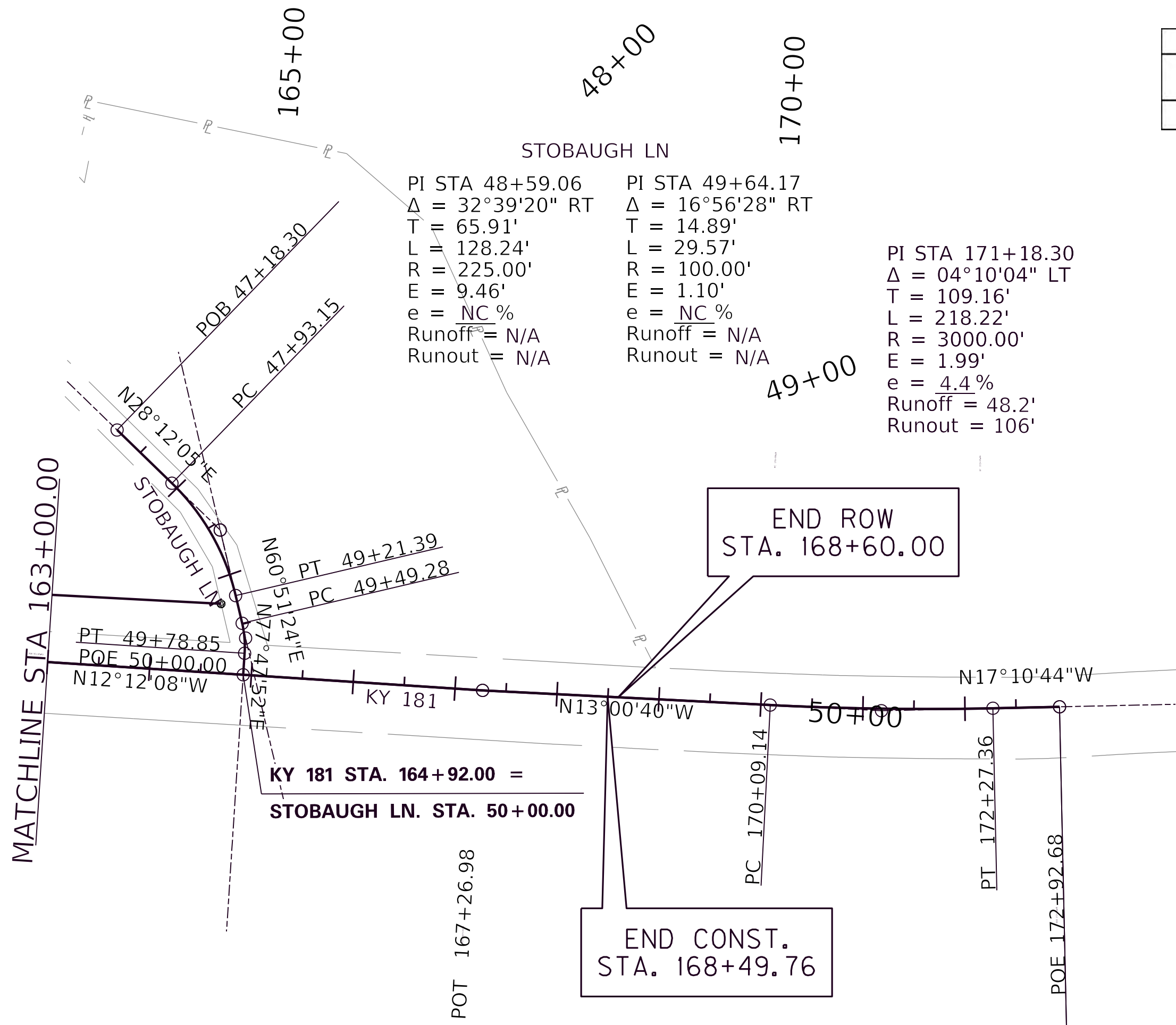
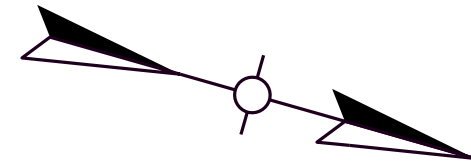
RIGHT OF WAY MONUMENTS				
STATION	OFFSET	ROW. MON. TYPE	STATE PLANE COORDINATES	
			NORTH (Y)	EAST (X)
133+12.00	50.00	1	3614604.0291	4500982.1633
133+87.35	-75.07	1	3614673.7457	4500924.5635
134+02.53	-50.00	1	3614688.8430	4500922.9773
134+50.00	120.00	1	3614748.5878	4501037.3608
134+75.00	113.00	1	3614772.7196	4501027.7869
135+00.00	65.00	1	3614792.7386	4500977.4103
135+25.00	50.00	1	3614816.4707	4500959.6379
135+65.00	-65.00	1	3614841.6610	4500840.5581
136+30.00	50.00	1	3614922.5396	4500944.8695
137+16.59	65.00	1	3615012.3773	4500944.0662
Nebo Cem. Rd. 45+33.97	15.18	1	3614650.4433	4500589.0938
Nebo Cem. Rd. 46+41.97	31.00	1	3614728.4311	4500665.4614
Nebo Cem. Rd. 48+54.97	37.00	1	3614896.8138	4500795.5345
Nebo Ln. 18+62.02	-18.30	1	3615063.7901	4500680.3829
137+90.00	-82.00	1	3615053.4968	4500785.1162
138+72.00	50.00	1	3615162.7256	4500895.5919
138+94.00	81.00	1	3615191.0690	4500920.9229
140+70.00	-95.00	1	3615323.5196	4500710.1888
140+70.00	-64.00	1	3615330.4138	4500740.4125
141+00.00	89.00	1	3615393.6891	4500882.9089
141+15.00	63.00	1	3615402.5312	4500854.2241
141+50.00	-50.00	1	3615411.5239	4500736.2702
142+48.00	63.00	1	3615531.7378	4500825.2925
143+25.00	50.00	1	3615604.1953	4500796.1736

RIGHT OF WAY MONUMENTS				
STATION	OFFSET	ROW. MON. TYPE	STATE PLANE COORDINATES	
			NORTH (Y)	EAST (X)
144+00.00	50.00	1	3615677.4707	4500780.1822
144+48.00	67.00	1	3615727.9916	4500786.5567
144+64.00	-50.00	1	3615718.6771	4500668.8357
145+25.00	-65.00	1	3615775.0761	4500641.1743
145+50.00	80.00	1	3615830.4179	4500777.5095
145+55.00	-68.00	1	3615803.7465	4500631.8467
146+25.00	67.00	1	3615900.9214	4500748.8170
147+32.00	-85.00	1	3615973.0516	4500577.4979
147+69.14	-62.27	1	3616014.1849	4500591.7854
147+68.51	-40.00	1	3616018.3173	4500613.6784
147+91.45	67.00	1	3616063.5410	4500713.3273
148+61.00	40.48	1	3616125.9003	4500672.4536
149+40.00	-77.00	1	3616177.7504	4500540.7222
150+58.00	-40.00	1	3616300.9496	4500551.4448
154+40.00	50.67	1	3616693.5126	4500557.7309
154+45.00	-40.00	1	3616678.8707	4500468.1103
154+75.00	70.00	1	3616731.8537	4500569.0697
155+20.00	50.66	1	3616771.6336	4500540.4942
155+25.00	-85.00	1	3616747.3038	4500406.9393
155+90.00	-40.00	1	3616820.4690	4500436.8868
158+00.00	-40.00	1	3617025.5425	4500391.6666
158+50.00	-54.00	1	3617071.3548	4500367.2283
160+00.00	-47.00	1	3617219.3432	4500341.7639
160+95.00	-64.00	1	3617308.4539	4500304.7060

RIGHT OF WAY
PLANS

SCALE: 1" = 100'

KY 181
ROW MONUMENTATION &
COORDINATE CONTROL
STA 133+00 TO 163+00



RIGHT OF WAY MONUMENTS				
STATION	OFFSET	ROW. MON. TYPE	STATE PLANE COORDINATES	
			NORTH (Y)	EAST (X)
164+65.85	-68.00	1	3617670.2274	4500221.8662

PROP. KY 181				
POINT	STATION	STATE PLANE COORDINATES		
		NORTH (Y)	EAST (X)	
PI	167+26.98	3617939.8324	4500233.1369	
PC	170+09.14	3618214.7472	4500169.6113	
PI	171+18.25	3618321.1036	4500145.0351	
PT	172+27.36	3618425.3927	4500112.7943	
POE	172+92.68	3618487.7950	4500093.5028	

PROP. APPROACHES				
POINT	STATION	STATE PLANE COORDINATES		
		NORTH (Y)	EAST (X)	
STOBAUGH LN.				
POB	47+18.30	3617525.5556	4500086.1147	
PC	47+93.15	3617591.5162	4500121.4845	
PI	48+59.06	3617649.6046	4500152.6330	
PT	49+21.39	3617681.7038	4500210.2016	
PC	49+49.28	3617695.2876	4500234.5637	
PI	49+64.17	3617702.5402	4500247.5710	
PT	49+78.85	3617705.6879	4500262.1271	
POE	50+00.00	3617710.1590	4500282.8029	

COORDINATE CONTROL POINTS					
POINT	DESCRIPTION	STATE PLANE COORDINATES			
		NORTH (Y)	EAST (X)	ELEV. (Z)	
220	MMP-CP 52	3617742.2600	4500263.8700	459.9100	165+27.38 -11.72
120	MMP-CP 53	3617747.6700	4500287.6300	459.6900	165+27.64 12.66
13	CP 13-IPC	3617896.4360	4500215.9960	457.2300	166+88.19 -25.93
221	MMP-CP 54	3618266.6700	4500134.3400	454.9600	170+68.11 -22.10
121	MMP-CP 55	3618276.1800	4500171.8200	456.2300	170+68.17 16.57
122	MMP-CP 57	3618821.4600	4499992.8800	452.1300	Off-Align Off-Align
123	MMP-CP 59	3619376.8400	4499713.0700	460.9700	Off-Align Off-Align
124	MMP-CP 61	3619870.8300	4499367.3400	484.0900	Off-Align Off-Align
125	MMP-CP 63	3620328.2700	4498992.3200	505.9700	Off-Align Off-Align
126	MMP-CP 65	3620684.0600	4498554.0800	509.9300	Off-Align Off-Align
127	MMP-CP 67	3621005.9000	4497903.6400	497.5800	Off-Align Off-Align
222	MMP-CP 56	3618811.3000	4499967.8500	451.7000	Off-Align Off-Align
223	MMP-CP 58	3619357.4500	4499679.5800	459.8700	Off-Align Off-Align
224	MMP-CP 60	3619848.4900	4499334.4300	484.3100	Off-Align Off-Align
225	MMP-CP 62	3620311.6600	4498975.7200	505.2700	Off-Align Off-Align
226	MMP-CP 64	3620666.9400	4498542.5900	508.9300	Off-Align Off-Align
227	MMP-CP 66	3620974.2100	4497890.4500	497.2600	Off-Align Off-Align

RIGHT OF WAY PLANS

SCALE: 1" = 100'

KY 181
ROW MONUMENTATION &
COORDINATE CONTROL
STA 163+00 TO 172+92.68