Andy Beshear
GOVERNOR

TRANSPORTATION CABINET
200 Mero Street
Frankfort, Kentucky 40601

Jim Gray
SECRETARY

July 22, 2025

CALL NO. 109
CONTRACT ID NO. 251312
ADDENDUM # 2

Subject: Muhlenberg County, STP 9031(032)
Letting July 24, 2025

(1) Revised – Proposal Bid Items – Pages 164-166 of 166
(2) Revised – Plan Sheets: R1, R2, R2A, R5, R6, R7, R8, R11, R28, R29, R30, R31, R32, X10, X11, X12, X13, X14

Proposal revisions are available at http://transportation.ky.gov/Construction-Procurement/.

If you have any questions, please contact us at 502-564-3500.

Sincerely,

Rachel Mills

Rachel Mills, P.E.
Director
Division of Construction Procurement

RM:mr
Enclosures

251312

PROPOSAL BID ITEMS

Report Date 7/22/25

251312

Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00003		CRUSHED STONE BASE	3,231.00	TON		$	
0020	00078		CRUSHED AGGREGATE SIZE NO 2	4,826.00	TON		$	
0030	00100		ASPHALT SEAL AGGREGATE	27.00	TON		$	
0040	00103		ASPHALT SEAL COAT	4.00	TON		$	
0050	00212		CL2 ASPH BASE 1.00D PG64-22	1,637.00	TON		$	
0060	00301		CL2 ASPH SURF 0.38D PG64-22	479.00	TON		$	
0070	02602		FABRIC-GEOTEXTILE CLASS 1	6,347.00	SQYD		$	
0080	02604		FABRIC-GEOTEXTILE CLASS 1A	6,754.00	SQYD		$	
0090	20071EC		JOINT ADHESIVE	1,409.00	LF		$	
0100	24970EC		ASPHALT MATERIAL FOR TACK NON-TRACKING	5.00	TON		$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0110	01987		DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	10.00	EACH		$	
0120	02014		BARRICADE-TYPE III	10.00	EACH		$	
0130	02091		REMOVE PAVEMENT	135.00	SQYD		$	
0140	02159		TEMP DITCH	705.00	LF		$	
0150	02160		CLEAN TEMP DITCH	353.00	LF		$	
0160	02200		ROADWAY EXCAVATION	20,791.00	CUYD		$	
0190	02242		WATER	50.00	MGAL		$	
0200	02351		GUARDRAIL-STEEL W BEAM-S FACE	775.00	LF		$	
0210	02360		GUARDRAIL TERMINAL SECTION NO 1	5.00	EACH		$	
0220	02367		GUARDRAIL END TREATMENT TYPE 1	1.00	EACH		$	
0230	02381		REMOVE GUARDRAIL	440.00	LF		$	
0240	02429		RIGHT-OF-WAY MONUMENT TYPE 1	20.00	EACH		$	
0250	02432		WITNESS POST	3.00	EACH		$	
0260	02483		CHANNEL LINING CLASS II	363.00	TON		$	
0270	02545		CLEARING AND GRUBBING 3.2 ACRES	1.00	LS		$	
0290	02562		TEMPORARY SIGNS	1,046.00	SQFT		$	
0300	02585		EDGE KEY	70.00	LF		$	
0320	02607		FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	770.00	SQYD	$2.00	$	$1,540.00
0330	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		$	
0340	02651		DIVERSIONS (BY-PASS DETOURS)	1.00	LS		$	
0350	02671		PORTABLE CHANGEABLE MESSAGE SIGN	3.00	EACH		$	
0360	02697		EDGELINE RUMBLE STRIPS	2,840.00	LF		$	
0370	02701		TEMP SILT FENCE	705.00	LF		$	
0380	02703		SILT TRAP TYPE A	4.00	EACH		$	
0390	02704		SILT TRAP TYPE B	4.00	EACH		$	
0400	02705		SILT TRAP TYPE C	4.00	EACH		$	
0410	02706		CLEAN SILT TRAP TYPE A	4.00	EACH		$	

251312

PROPOSAL BID ITEMS

Report Date 7/22/25

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0420	02707		CLEAN SILT TRAP TYPE B	4.00	EACH		$	
0430	02708		CLEAN SILT TRAP TYPE C	4.00	EACH		$	
0440	02726		STAKING	1.00	LS		$	
0450	04933		TEMP SIGNAL 2 PHASE	3.00	EACH		$	
0460	05950		EROSION CONTROL BLANKET	1,333.00	SQYD		$	
0470	05952		TEMP MULCH	10,325.00	SQYD		$	
0480	05953		TEMP SEEDING AND PROTECTION	7,744.00	SQYD		$	
0490	05963		INITIAL FERTILIZER	1.10	TON		$	
0500	05964		MAINTENANCE FERTILIZER	0.60	TON		$	
0510	05985		SEEDING AND PROTECTION	10,019.00	SQYD		$	
0520	05992		AGRICULTURAL LIMESTONE	7.00	TON		$	
0530	06510		PAVE STRIPING-TEMP PAINT-4 IN	884.00	LF		$	
0540	06515		PAVE STRIPING-PERM PAINT-6 IN	5,319.00	LF		$	
0550	06568		PAVE MARKING-THERMO STOP BAR-24IN	36.00	LF		$	
0560	10020NS		FUEL ADJUSTMENT	2,674.00	DOLL	$1.00	$	$2,674.00
0570	20099ES842		PAVE MARK TEMP PAINT STOP BAR	33.00	LF		$	
0580	20191ED		OBJECT MARKER TY 3	1.00	EACH		$	
0590	26248EC		ELECTRONIC DELIVERY MGMT SYSTEM - AGG	1.00	LS		$	

Section: 0003 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0600	00441		ENTRANCE PIPE-18 IN	399.00	LF		$	
0610	00464		CULVERT PIPE-24 IN	51.00	LF		$	
0620	24814EC		PIPELINE INSPECTION	251.00	LF		$	
0630	26132ED		SLOPED AND MITERED HEADWALL-24 IN	2.00	EACH		$	

Section: 0004 - RETAIING WALL

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0640	02231		STRUCTURE GRANULAR BACKFILL	1,945.00	CUYD		$	
0650	08003		FOUNDATION PREPARATION	1.00	LS		$	
0660	08039		PRE-DRILLING FOR PILES	440.00	LF		$	
0670	08052		PILES-STEEL HP14X117	1,454.00	LF		$	
0680	08100		CONCRETE-CLASS A	91.10	CUYD		$	
0690	08150		STEEL REINFORCEMENT	12,360.00	LB		$	
0700	21119ED		CONCRETE FORM LINER	210.00	SQYD		$	

Section: 0005 - WATERLINE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0710	14003		W CAP EXISTING MAIN (10IN)	2.00	EACH		$	
0720	14003		W CAP EXISTING MAIN (3IN)	1.00	EACH		$	

251312

PROPOSAL BID ITEMS

Report Date 7/22/25

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0730	14003		W CAP EXISTING MAIN (6IN)	2.00	EACH		$	
0740	14006		W ENCASEMENT STEEL BORED RANGE 1 (10IN CASING, 6IN PIPE)	70.00	LF		$	
0750	14006		W ENCASEMENT STEEL BORED RANGE 1 (2IN CASING, 1IN HDPE)	60.00	LF		$	
0760	14019		W FIRE HYDRANT ASSEMBLY	2.00	EACH		$	
0770	14021		W FIRE HYDRANT REMOVE	1.00	EACH		$	
0780	14030		W METER RELOCATE	8.00	EACH		$	
0790	14056		W PIPE PVC 02 INCH	60.00	LF		$	
0800	14057		W PIPE PVC 03 INCH	495.00	LF		$	
0810	14059		W PIPE PVC 06 INCH (CERTA-LOK)	90.00	LF		$	
0820	14059		W PIPE PVC 06 INCH (FITTINGS INCIDENTAL)	880.00	LF		$	
0830	14061		W PIPE PVC 10 INCH	240.00	LF		$	
0840	14089		W TAPPING SLEEVE AND VALVE SIZE 1 (3IN X 3IN)	1.00	EACH		$	
0850	14089		W TAPPING SLEEVE AND VALVE SIZE 1 (6IN X 6IN)	1.00	EACH		$	
0860	14090		W TAPPING SLEEVE AND VALVE SIZE 2 (10IN X 10IN)	2.00	EACH		$	
0870	14091		W TIE-IN 02 INCH	1.00	EACH		$	
0880	14094		W TIE-IN 06 INCH	1.00	EACH		$	
0890	14102		W VALVE 02 INCH	1.00	EACH		$	
0900	14103		W VALVE 03 INCH	1.00	EACH		$	
0910	14105		W VALVE 06 INCH	4.00	EACH		$	
0920	14156		W METER REMOVE	8.00	EACH		$	
0930	14177		W VALVE BOX REMOVE	4.00	EACH		$	
0940	14178		W PIPE POLYETHYLENE/PLASTIC 3/4 INCH	230.00	LF		$	
0950	14179		W PIPE POLYETHYLENE/PLASTIC 1 INCH	360.00	LF		$	
0960	24207EC		SPECIAL DITCH CROSSING PROTECTION	20.00	LF		$	

Section: 0006 - DEMOBILIZATION &/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0970	02569		DEMOBILIZATION	1.00	LS		$	

COMMONWEALTH OF KENTUCKY

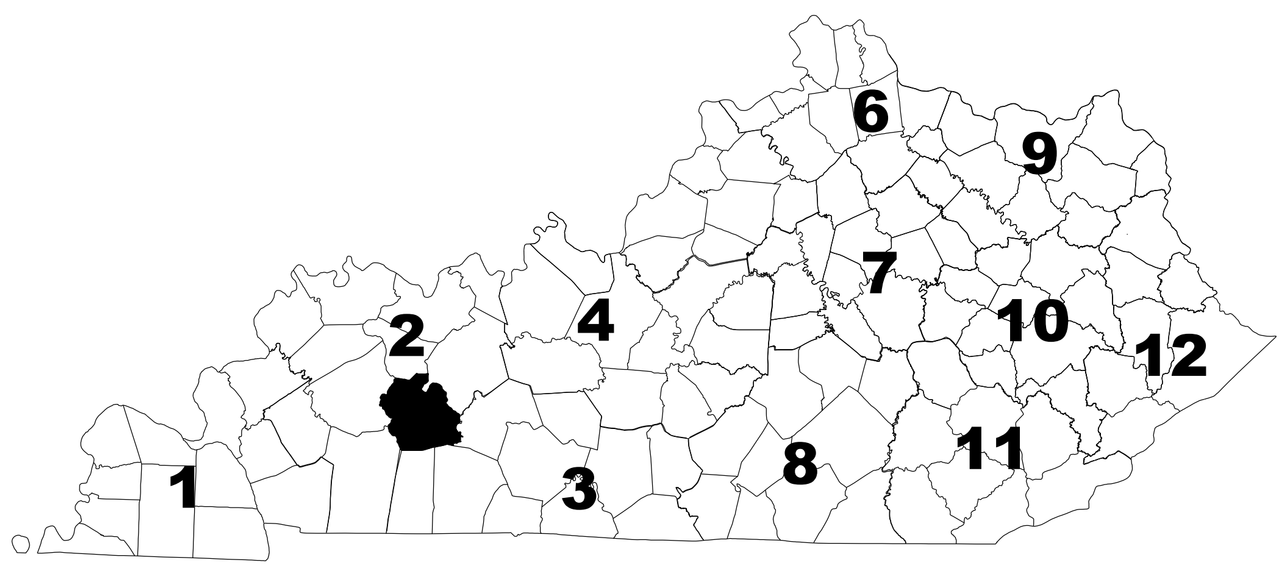
DEPARTMENT OF HIGHWAYS

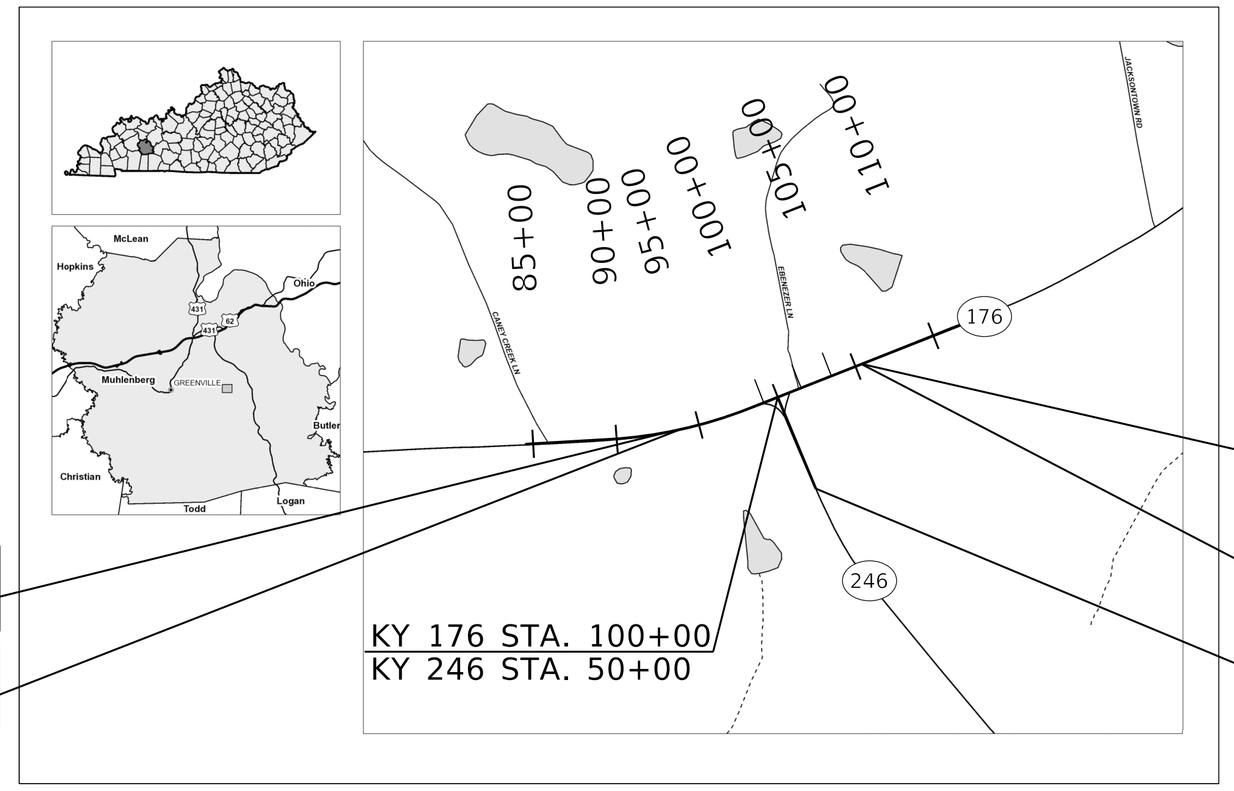
PLANS OF
PROPOSED PROJECT

MUHLENBERG COUNTY

KY 246 INTERSECTION WITH KY 176
STP 9031(032)

KENTUCKY TRANSPORTATION CABINET





BEGIN R/W
STA 92+70

BEGIN CONST.
STA 93+00

END R/W
STA 105+40

END CONST.
STA 105+40

END CONST.
STA 51+80

THE CONTROL OF ACCESS ON THIS PROJECT SHALL BE BY PERMIT

N

LAYOUT MAP

0′ 700′ 1400′ 2800′

DESIGN CRITERIA

CLASS OF HIGHWAY	RURAL COLLECTOR
TYPE OF TERRAIN	ROLLING
DESIGN SPEED	45 MPH
REQUIRED NPSD	360 FT
REQUIRED PSD	700 FT
LEVEL OF SERVICE	B
ADT PRESENT (2020)	2834
ADT FUTURE (2040)	3458
DHV	
D %	59%
T %	7.32%

GEOGRAPHIC COORDINATES

LATITUDE 37 DEGREES 12 MINUTES 15 SECONDS NORTH
LONGITUDE 87 DEGREES 04 MINUTES 51 SECONDS WEST

DESIGNED

% RESTRICTED SD N/A

LEVEL OF SERVICE C

MAX. DISTANCE W/O PASSING N/A

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
R1	LAYOUT SHEET
R2-R2E	TYPICAL SECTIONS - SUMMARY OF QUANTITIES
R3-R8	PLAN AND PROFILE SHEETS
R9	RIGHT OF WAY SUMMARY SHEETS
R10	RIGHT OF WAY STRIP MAP SHEETS
R11	COORDINATE CONTROL SHEETS
R12-R22	DETAIL SHEETS
R23-R33B	TRAFFIC CONTROL SHEETS
R34	EROSION CONTROL SHEETS
R35	PIPE DRAINAGE SHEETS
S1-S7	STRUCTURE PLANS (DRAWING 28974)
X1-X20	CROSS SECTION SHEETS

SHEETS NOT INCLUDED IN TOTAL SHEETS
R2A-R2E, R33A-R33B

STANDARD DRAWINGS

RBI-001-12	RDI-026-01	TTD-120-03
RBI-002-07	RDX-210-03	TTD-125-03
RBI-004-06	RDX-215-01	TTD-130
RBR-001-13	RDX-220-05	TTS-105-02
RBR-005-11	RDX-225-01	
RBR-010-06	RGS-001-07	
RBR-015-06	RGX-001-06	
RBR-055-01	RGX-005-06	
RDD-040-05	RGX-010-04	
RDI-001-10	RGX-200-01	
RDI-020-10	RPM-110-07	
RDI-021-01	TTC-100-05	
RDI-025-06	TTC-110-04	

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.

THIS PROJECT IS OFF THE NH SYSTEM

AEI
an STV Company

STATE OF KENTUCKY
GERALD LESLIE
19354
LICENSED
PROFESSIONAL ENGINEER

CONSTRUCTION	R/W		
LENGTH 1240 LIN. FT. 0.234 MILES	LENGTH 1270 LIN. FT. 0.240 MILES	LENGTH ___ LIN. FT. ___ MILES	LENGTH ___ LIN. FT. ___ MILES
ADDED / DEDUCTED — FOR EQUALITIES X LIN. FT.	ADDED / DEDUCTED — FOR EQUALITIES X LIN. FT.	ADDED / DEDUCTED — FOR EQUALITIES ___ LIN. FT.	ADDED / DEDUCTED — FOR EQUALITIES ___ LIN. FT.
NOT INCLUDED	NOT INCLUDED	NOT INCLUDED	NOT INCLUDED
RAILROAD CROSSINGS NO. X LIN. FT.	RAILROAD CROSSINGS NO. X LIN. FT.	RAILROAD CROSSINGS NO. ___ LIN. FT.	RAILROAD CROSSINGS NO. ___ LIN. FT.
BRIDGES X LIN. FT.	BRIDGES X LIN. FT.	BRIDGES ___ LIN. FT.	BRIDGES ___ LIN. FT.
X	X		
X			

PROJECT NUMBER: STP 9031(032)
FD04 089 0246 000-001

PROJECT DESCRIPTION: KY 246 INTERSECTION WITH KY 176

RECOMMENDED BY: NICK HALL 4/03/2025
PROJECT MANAGER DATE:

PLAN APPROVED BY: ___
STATE HIGHWAY ENGINEER DATE:

LETTING DATE: 5/22/2025

ITEM NO. 02-80100.00 COUNTY OF MUHLENBERG

SHEET NO. R1

REVISED 07-22-2025

COMMONWEALTH OF KENTUCKY

DEPARTMENT OF HIGHWAYS

PLANS OF
PROPOSED PROJECT

MUHLENBERG COUNTY

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STP 9031(032)

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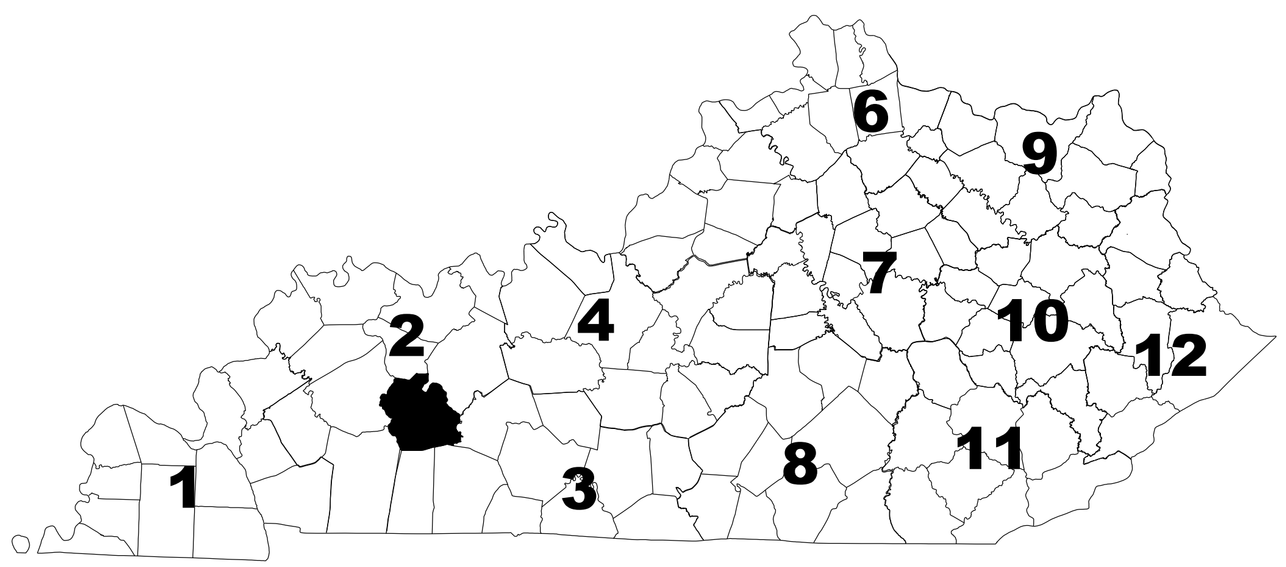

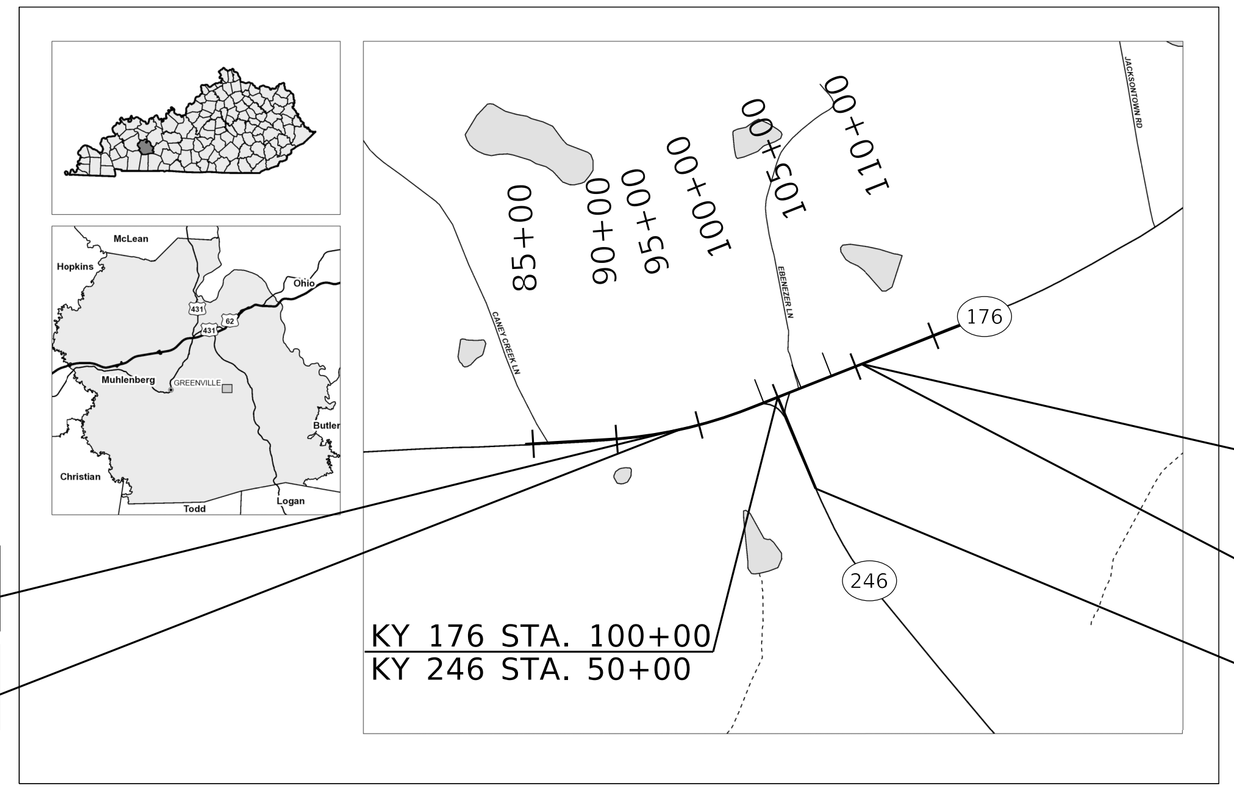

N

THE CONTROL OF ACCESS ON THIS PROJECT SHALL BE BY PERMIT

LAYOUT MAP

0′ 700′ 1400′ 2800′

DESIGN CRITERIA

CLASS OF HIGHWAY: RURAL COLLECTOR
TYPE OF TERRAIN: ROLLING
DESIGN SPEED: 45 MPH
REQUIRED NPSD: 360 FT
REQUIRED PSD: 700 FT
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ADT FUTURE (2040): 3458
DHV:
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T %: 7.32%

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LATITUDE 37 DEGREES 12 MINUTES 15 SECONDS NORTH
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RBR-005-11	RDX-225-01	
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RBR-015-06	RGX-001-06	
RBR-055-01	RGX-005-06	
RDD-040-05	RGX-010-04	
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THIS PROJECT IS OFF THE NH SYSTEM

CONSTRUCTION	R/W		
LENGTH 1240 LIN. FT. 0.234 MILES	LENGTH 1270 LIN. FT. 0.240 MILES	LENGTH ___ LIN. FT. ___ MILES	LENGTH ___ LIN. FT. ___ MILES
ADDED / DEDUCTED — FOR EQUALITIES X LIN. FT.	ADDED / DEDUCTED — FOR EQUALITIES X LIN. FT.	ADDED / DEDUCTED — FOR EQUALITIES ___ LIN. FT.	ADDED / DEDUCTED — FOR EQUALITIES ___ LIN. FT.
NOT INCLUDED	NOT INCLUDED	NOT INCLUDED	NOT INCLUDED
RAILROAD CROSSINGS NO. X LIN. FT.	RAILROAD CROSSINGS NO. X LIN. FT.	RAILROAD CROSSINGS NO. ___ LIN. FT.	RAILROAD CROSSINGS NO. ___ LIN. FT.
BRIDGES X LIN. FT.	BRIDGES X LIN. FT.	BRIDGES ___ LIN. FT.	BRIDGES ___ LIN. FT.
X	X		
X	X		

PROJECT NUMBER: STP 9031(032)
FD04 089 0246 000-001

PROJECT DESCRIPTION: KY 246 INTERSECTION WITH KY 176

RECOMMENDED BY: NICK HALL 4/03/2025
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AEI
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STATE OF KENTUCKY
GERALD LESLIE
19354
LICENSED
PROFESSIONAL ENGINEER

LETTING DATE: 5/22/2025
ITEM NO. 02-80100.00
COUNTY OF MUHLENBERG
SHEET NO. R1

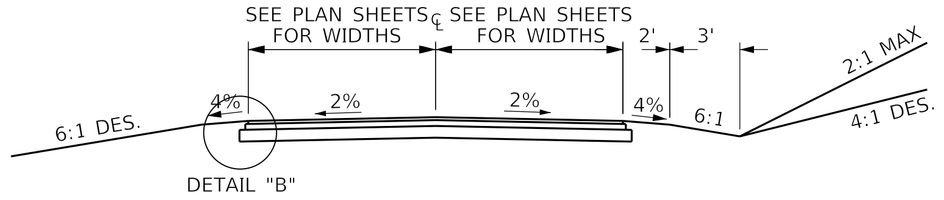
TYPICAL SECTIONS

KY 176
KY 246

NOTES:

1. SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDER.
2. SHOULDERS TO BE WIDENED 1'5" WHERE GUARDRAIL IS TO BE INSTALLED.
3. SEE PLANS FOR SLOPE STABILITY NEEDS.
4. APPLY ASPHALT SEAL FROM EDGE OF PAVED SHOULDER TO THE BASE OF THE RETAINING WALL

ENTRANCES

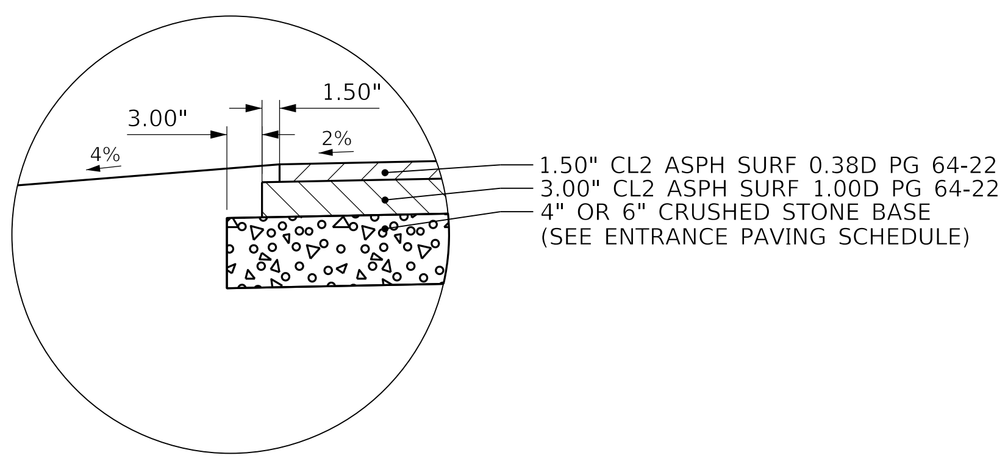


PAVEMENT SCHEDULE

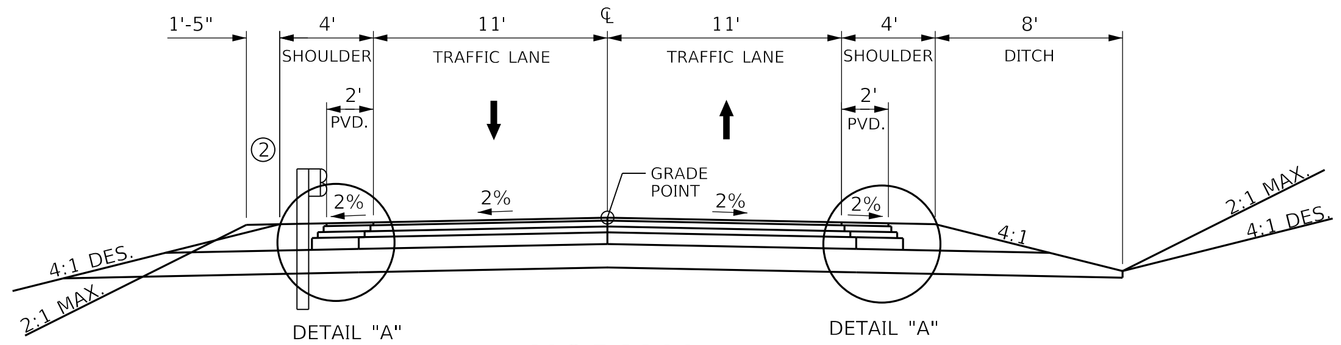
FIELD AND RESIDENTIAL ENTRANCES
- 1.50" CL2 ASPH SURF 0.38D PG 64-22
- 3.00" CL2 ASPH BASE 1.00D PG 64-22
- 6.00" CRUSHED STONE BASE

COMMERICIAL ENTRANCES
- 1.50" CL2 ASPH SURF 0.38D PG 64-22
- 3.00" CL2 ASPH BASE 1.00D PG 64-22
- 6.00" CRUSHED STONE BASE
- 12.00" CRUSHED AGGREGATE SIZE NO. 2 WITH GEOTEXTILE FABRIC CLASS 1 ON TOP
- UNDERLAIN WITH GEOTEXTILE FABRIC CLASS 1A

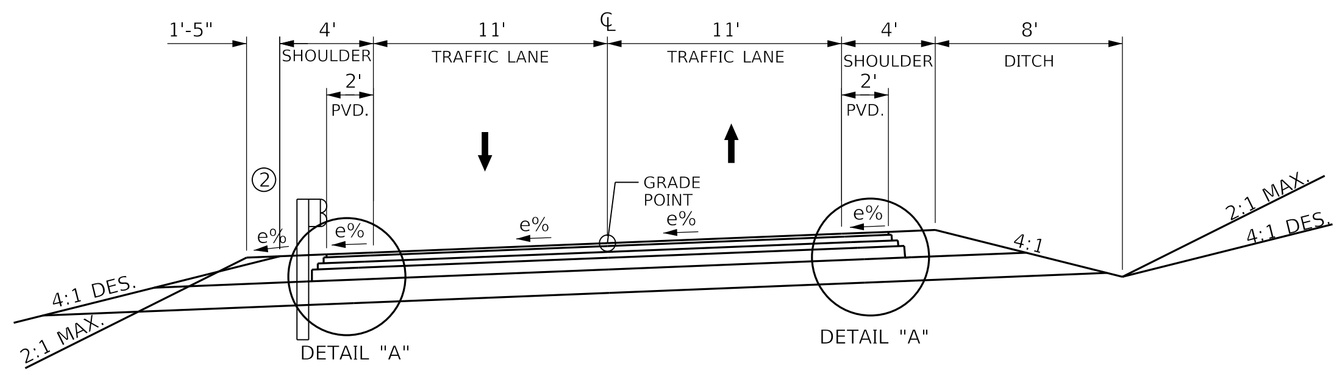
NOTE: ASPHALT MATERIAL FOR TACK NON-TRACKING AT APPLICATION RATE OF 0.70 LBS/SY.



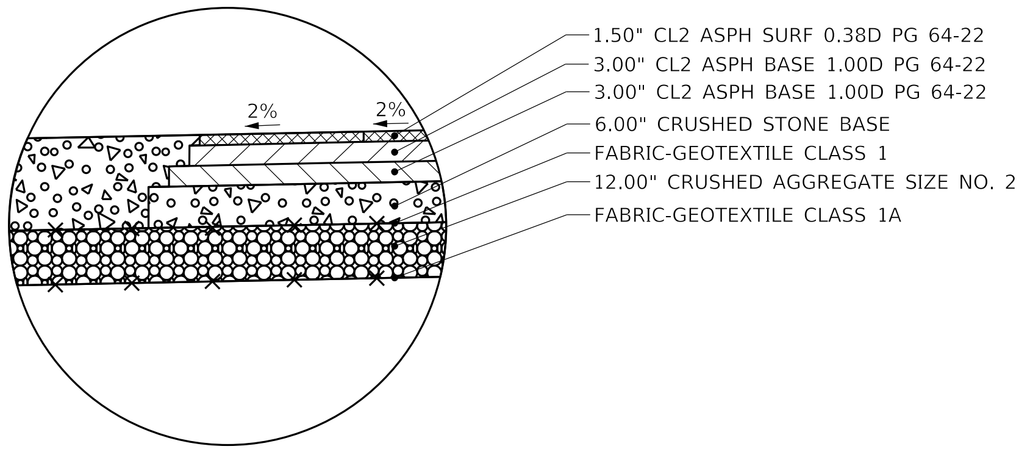
DETAIL "B"



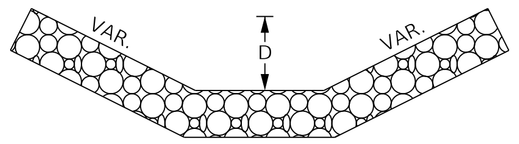
NORMAL
104+90 - 105+40
KY 176
50+00 - 51+80



SUPERELEVATED
93+00 - 101+00 LEFT
104+00 - 104+90 LEFT

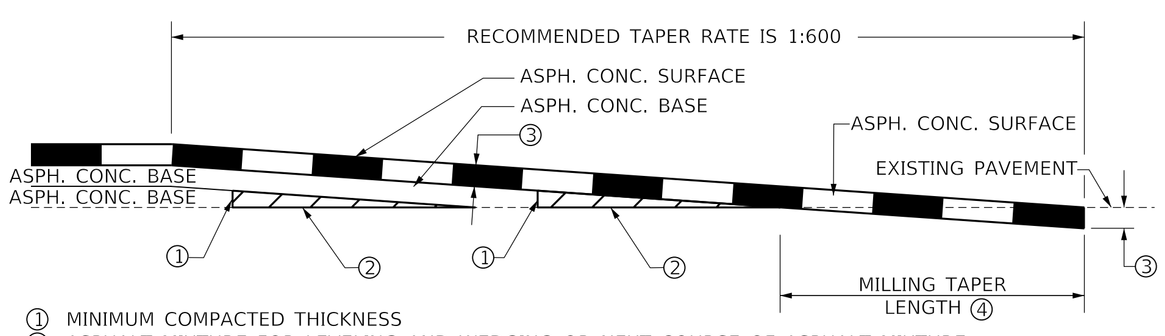


DETAIL "A"



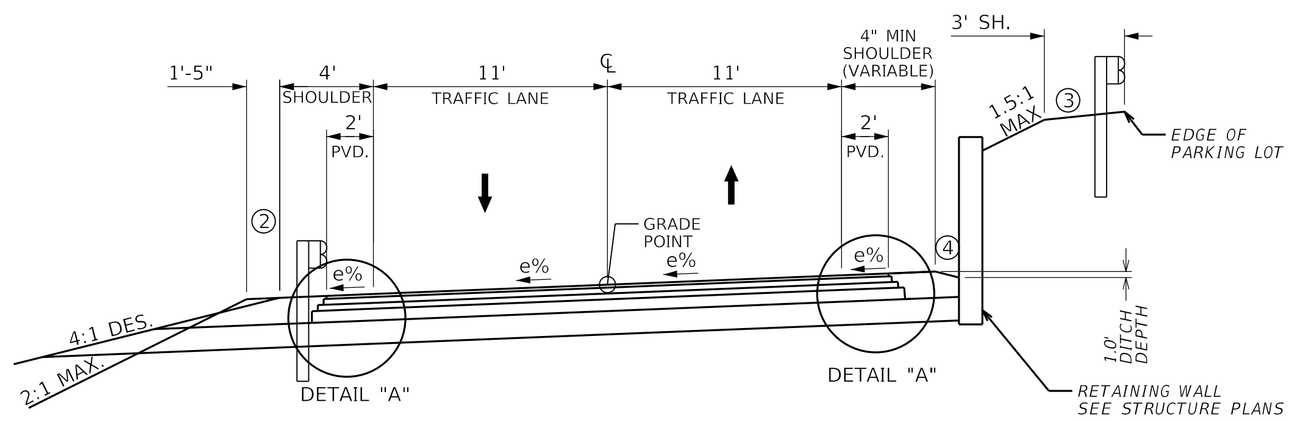
TO BE CONSTRUCTED AT LOCATIONS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER. SEE PLAN NOTES FOR VALUES OF "D".

CHANNEL LINING DETAIL



① MINIMUM COMPACTED THICKNESS
② ASPHALT MIXTURE FOR LEVELING AND WEDGING OR NEXT COURSE OF ASPHALT MIXTURE.
③ ASPHALT SURFACE THICKNESS (FULL DEPTH)
④ MILL EXISTING PAVEMENT TO RECEIVE ASPHALT SURFACE FULL DEPTH (EDGE KEY).
TAPER LENGTH (ft) $= \frac{1.50\ (in) \times 600}{12}$

TAPERING OF OVERLAYS ON MEDIUM SPEED FACILITIES (45mph to 65mph)



SUPERELEVATED
101+00 - 104+00 LEFT

PAVEMENT SCHEDULE

TRAFFIC LANES
- 1.50" CL2 ASPH SURF 0.38D PG 64-22
- 3.00" CL2 ASPH BASE 1.00D PG 64-22
- 3.00" CL2 ASPH BASE 1.00D PG 64-22
- 6.00" CRUSHED STONE BASE

SHOULDERS
- 1.50" CL2 ASPH SURF 0.38D PG 64-22
- 3.00" CL2 ASPH BASE 1.00D PG 64-22
- 3.00" CL2 ASPH BASE 1.00D PG 64-22
- 6.00" CRUSHED STONE BASE
- ASPHALT SEAL REQUIRED FROM EDGE OF PAVED SHOULDER TO A POINT 2.0 FT. DOWN THE DITCH OR FILL SLOPE TO RETARD VEGETATION GROWTH AND PREVENT EROSION. TWO APPLICATIONS OF THE FOLLOWING ARE REQUIRED:
- ASPHALT SEAL COAT 2.4 LB/SQ. YD.
- ASPHALT SEAL AGGREGATE 20 LB/SQ. YD. (SIZE NO. 8 OR 9)

ROADBED
- 12.00" CRUSHED AGGREGATE SIZE NO. 2 WITH GEOTEXTILE FABRIC CLASS 1 ON TOP
- UNDERLAIN WITH GEOTEXTILE FABRIC CLASS 1A

NOTE: ASPHALT MATERIAL FOR TACK NON-TRACKING AT APPLICATION RATE OF 0.70 LBS/SY.

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: TYPICAL SECTIONS

ITEM NO. 02-80100.00 COUNTY OF MUHLENBERG

SHEET NO. R2

REVISED 07-22-2025

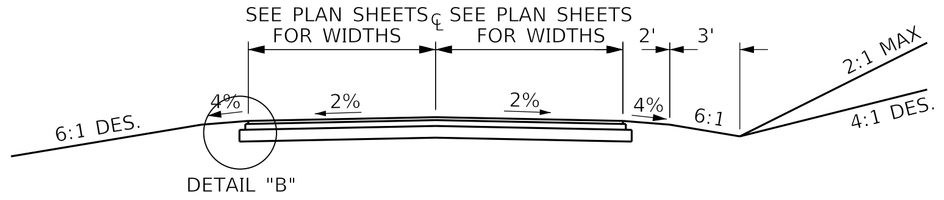
TYPICAL SECTIONS

KY 176
KY 246

NOTES:

1. SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDER.
2. SHOULDERS TO BE WIDENED 1'5" WHERE GUARDRAIL IS TO BE INSTALLED.
3. SEE PLANS FOR SLOPE STABILITY NEEDS.
4. APPLY ASPHALT SEAL FROM EDGE OF PAVED SHOULDER TO THE BASE OF THE RETAINING WALL

ENTRANCES

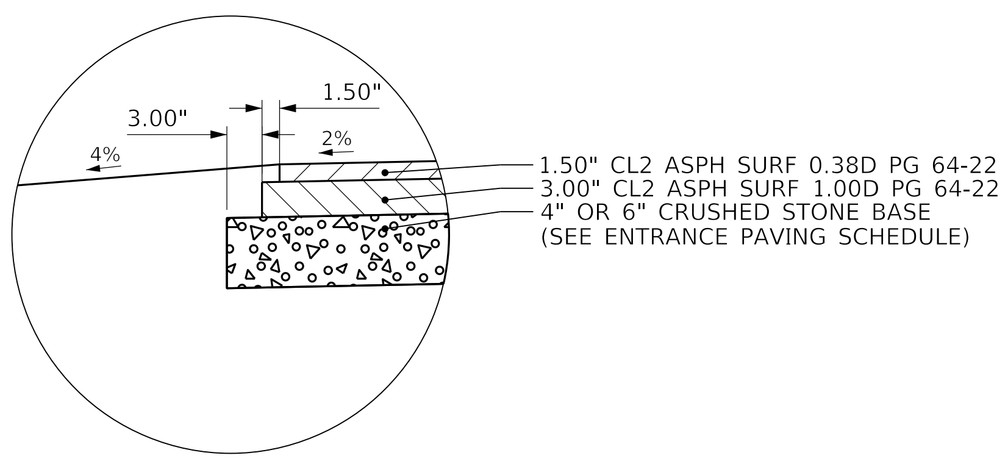


PAVEMENT SCHEDULE

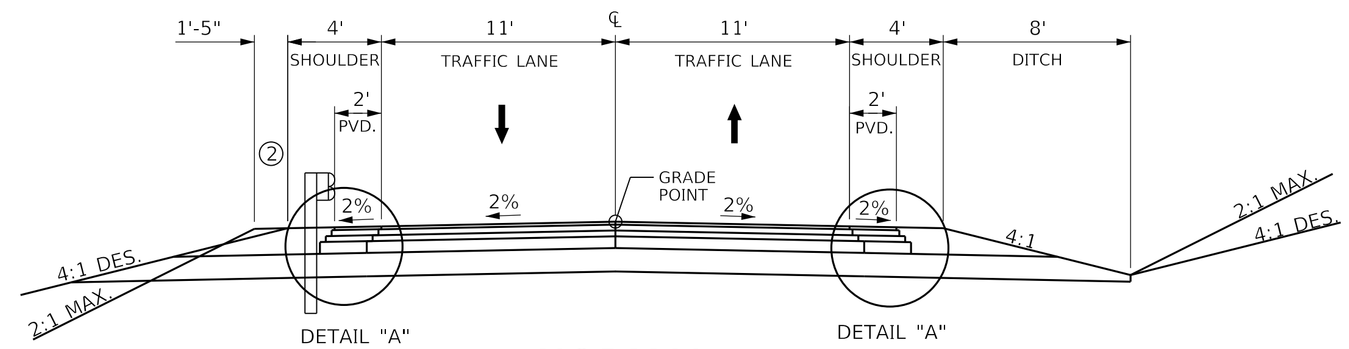
FIELD AND RESIDENTIAL ENTRANCES
- 1.50" CL2 ASPH SURF 0.38D PG 64-22
- 3.00" CL2 ASPH BASE 1.00D PG 64-22
- 6.00" CRUSHED STONE BASE

COMMERICIAL ENTRANCES
- 1.50" CL2 ASPH SURF 0.38D PG 64-22
- 3.00" CL2 ASPH BASE 1.00D PG 64-22
- 6.00" CRUSHED STONE BASE
- 12.00" CRUSHED AGGREGATE SIZE NO. 2 WITH GEOTEXTILE FABRIC CLASS 1 ON TOP
- UNDERLAIN WITH GEOTEXTILE FABRIC CLASS 1A

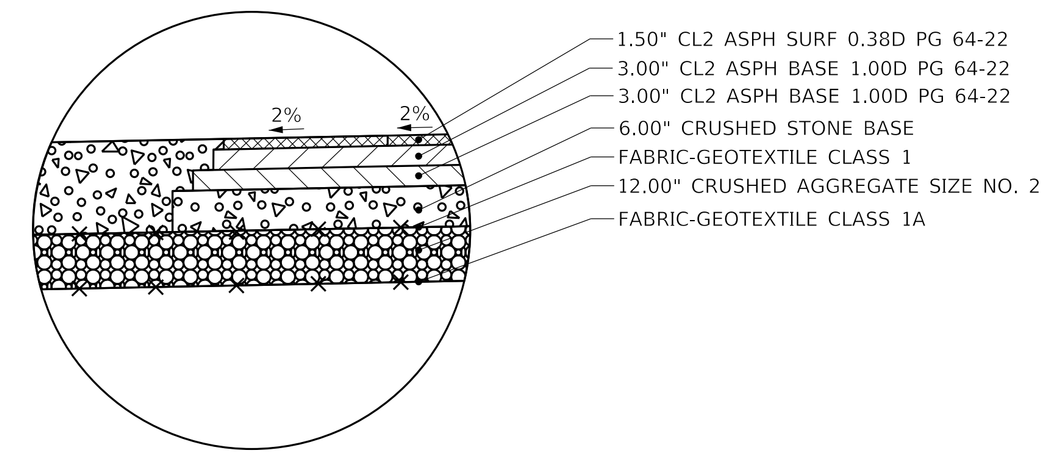
NOTE: ASPHALT MATERIAL FOR TACK NON-TRACKING AT APPLICATION RATE OF 0.70 LBS/SY.



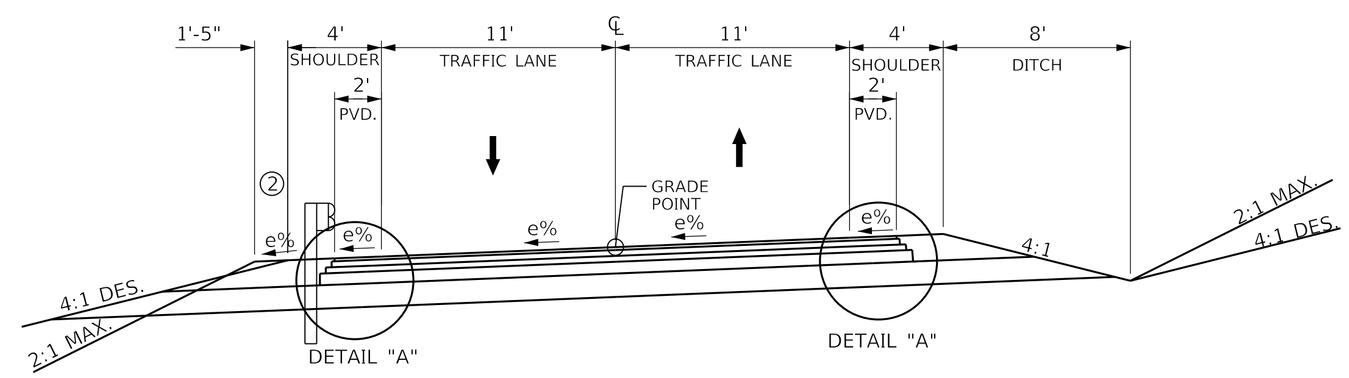
DETAIL "B"



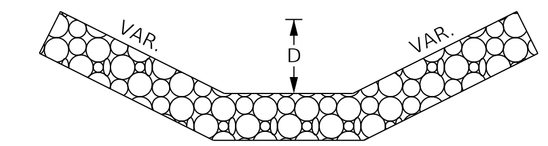
NORMAL
104+90 - 105+40
KY 176
50+00 - 51+80



DETAIL "A"



SUPERELEVATED
93+00 - 101+00 LEFT
104+00 - 104+90 LEFT



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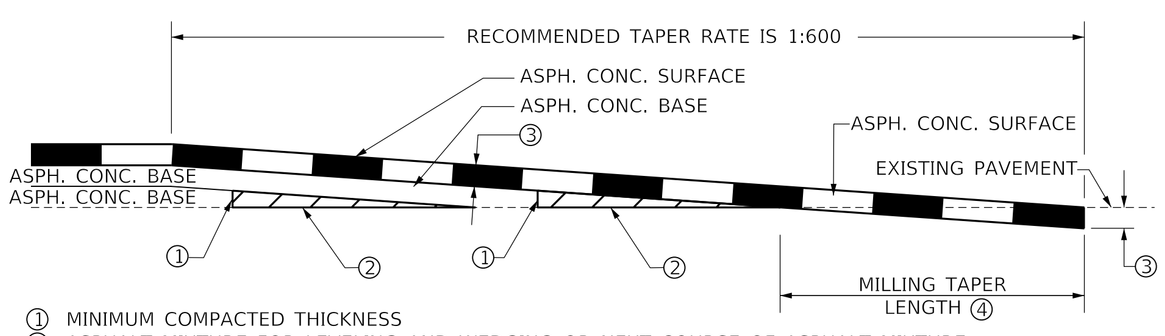
CHANNEL LINING DETAIL



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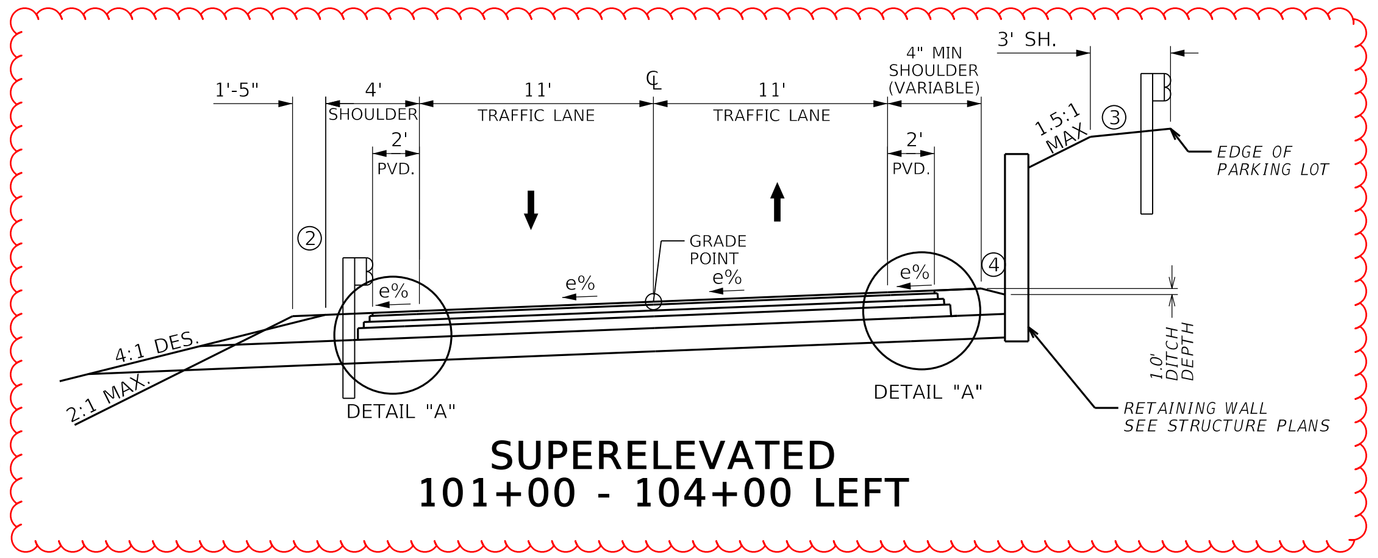
TAPER LENGTH (ft) $= \frac{1.50 \text{ (in)} \times 600}{12}$

TAPERING OF OVERLAYS ON MEDIUM SPEED FACILITIES (45mph to 65mph)



SUPERELEVATED
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PAVEMENT SCHEDULE

TRAFFIC LANES
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ROADBED
- 12.00" CRUSHED AGGREGATE SIZE NO. 2 WITH GEOTEXTILE FABRIC CLASS 1 ON TOP UNDERLAIN WITH GEOTEXTILE FABRIC CLASS 1A

NOTE: ASPHALT MATERIAL FOR TACK NON-TRACKING AT APPLICATION RATE OF 0.70 LBS/SY.

GENERAL SUMMARY

ITEM	DESCRIPTION	NOTE(S)	UNIT	KY 176	KY 246	DIVERSION 1 (EBENEZER RD)												TOTAL PROJECT
01987	DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE		EACH	10														10
02014	BARRICADE-TYPE III		EACH	10														10
02091	REMOVE PAVEMENT		SQYD	135														135
02159	TEMP DITCH		LF	705														705
02160	CLEAN TEMP DITCH		LF	353														353
02200	ROADWAY EXCAVATION		CUYD	18241	2550													20791
02242	WATER	1	MGAL	50														50
02351	GUARDRAIL-STEEL W BEAM-S FACE		LF	775														775
02360	GUARDRAIL TERMINAL SECTION NO 1		EACH	5														5
02367	GUARDRAIL END TREATMENT TYPE 1		EACH	1														1
02381	REMOVE GUARDRAIL	5	LF	440														440
02429	RIGHT-OF-WAY MONUMENT TYPE 1		EACH	20														20
02432	WITNESS POST		EACH	3														3
02483	CHANNEL LINING CLASS II	4	TON	303														363
02545	CLEARING AND GRUBBING	2	LS	1														1
02562	TEMPORARY SIGNS	3	SQFT	1046														1046
02569	DEMOBILIZATION		LS	1														1
02585	EDGE KEY		LF	48	22													70
02607	FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	6	SQYD	650	120													770
02650	MAINTAIN & CONTROL TRAFFIC		LS	1														1
02651	DIVERSIONS (EBENEZER ROAD)		LS			1												1
02671	PORTABLE CHANGEABLE MESSAGE SIGN		EACH	2	1													3
02697	EDGELINE RUMBLE STRIPS		LF	2480	360													2840
02701	TEMP SILT FENCE		LF	705														705
02703	SILT TRAP TYPE A		EACH	4														4
02704	SILT TRAP TYPE B		EACH	4														4
02705	SILT TRAP TYPE C		EACH	4														4
02706	CLEAN SILT TRAP TYPE A		EACH	4														4
02707	CLEAN SILT TRAP TYPE B		EACH	4														4
02708	CLEAN SILT TRAP TYPE C		EACH	4														4
02726	STAKING		LS	1														1
04933	TEMP SIGNAL 2 PHASE		EACH	3														3
05950	EROSION CONTROL BLANKET		SQYD	1104	229													1333
05952	TEMP MULCH		SQYD	10325														10325
05953	TEMP SEEDING AND PROTECTION		SQYD	7744														7744
05963	INITIAL FERTILIZER		TON	1.1														1.1
05964	MAINTENANCE FERTILIZER		TON	0.6														0.6
05985	SEEDING AND PROTECTION		SQYD	10019														10019
05992	AGRICULTURAL LIMESTONE		TON	7														7
06510	PAVE STRIPING-TEMP PAINT-4 IN		LF			884												884
06515	PAVE STRIPING-PERM PAINT-6 IN		LF	5319														5319
06568	PAVE MARKING-THERMO STOP BAR-24IN		LF	36														36
10020NS	FUEL ADJUSTMENT		DOLL	2674														2674
20099ES842	PAVE MARK TEMP PAINT STOP BAR		LF	22	11													33
20191ED	OBJECT MARKER TY 3		EACH	1														1

NOTES:

EROSION CONTROL QUANTITIES ARE BASED ON THE PROBABLE AMOUNT OF EROSION CONTROL FEATURES AS ESTIMATED BY THE DESIGNER

1. FOR CONTROLLING DUST CAUSED BY MAINTAINING TRAFFIC ONLY
2. APPROX. 3.2 ACRES
3. CONSTRUCTION SIGNS
4. INCLUDES THE FOLLOWING: 60 TONS FROM PIPE SUMMARY
5. GUARDRAIL REMOVED SHALL BE TRANSPORTED TO THE BAILEY BRIDGE LOT AT 1224 WILKINSON BLVD. IN FRANKFORT, KENTUCKY. PAYMENT SHALL BE INCIDENTAL TO BID ITEM 2381 (REMOVE GUARDRAIL)
6. FOR WRAPPING PIPE TRENCH BACKFILL

EARTHWORK CALCULATIONS

EMBANKMENT:

1,935 - CUYD EMB. TOTAL

EXCAVATION:

20,791 - CUYD COM. EXC.
1,209 - CUYD BENCHING

22,000 - CUYD EXC. TOTAL

18,856 - CUYD EXC. AVAILABLE

THE EARTHWORK SHOWN ABOVE IS FOR INFORMATION ONLY. ASSUMPTIONS FOR SHRINKAGE AND SWELL FACTORS ARE THE CONTRACTORS RESPONSIBILITY

REVISED 07-22-2025

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20191ED	OBJECT MARKER TY 3		EACH	1														1

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6. FOR WRAPPING PIPE TRENCH BACKFILL

EARTHWORK CALCULATIONS

EMBANKMENT:

1,935 - CUYD EMB. TOTAL

EXCAVATION:

20,791 - CUYD COM. EXC.
1,209 - CUYD BENCHING

22,000 - CUYD EXC. TOTAL

18,856 - CUYD EXC. AVAILABLE

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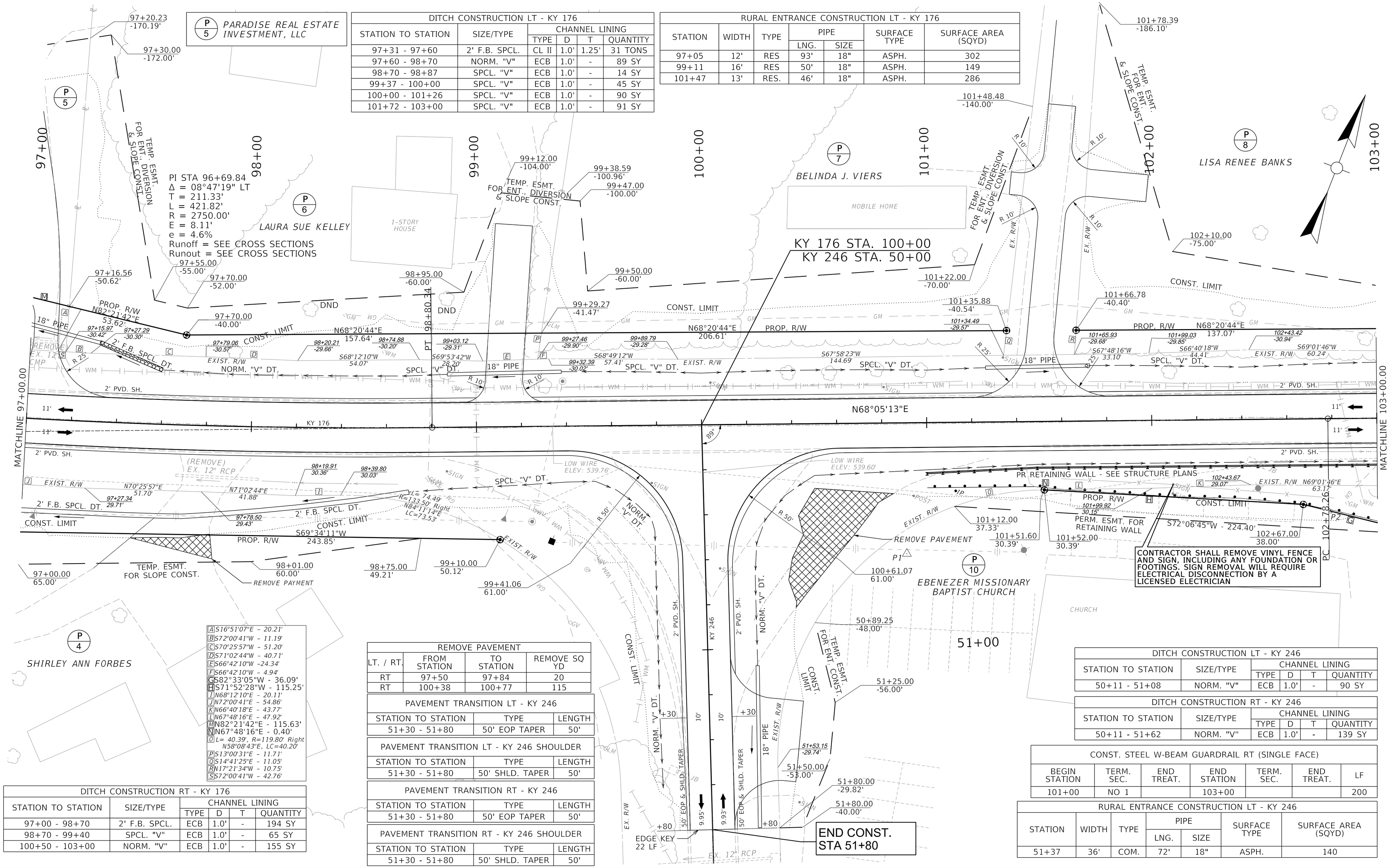
COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: GENERAL SUMMARY

ITEM NO. 02-80100.00 COUNTY OF MUHLENBERG

SHEET NO. R2A



CONTRACTOR SHALL REMOVE VINYL FENCE AND SIGN, INCLUDING ANY FOUNDATION OR FOOTINGS. SIGN REMOVAL WILL REQUIRE ELECTRICAL DISCONNECTION BY A LICENSED ELECTRICIAN

DITCH CONSTRUCTION LT - KY 176					
STATION TO STATION	SIZE/TYPE	CHANNEL LINING			
		TYPE	D	T	QUANTITY
97+31 - 97+60	2' F.B. SPCL.	CL II	1.0'	1.25'	31 TONS
97+60 - 98+70	NORM. "V"	ECB	1.0'	-	89 SY
98+70 - 98+87	SPCL. "V"	ECB	1.0'	-	14 SY
99+37 - 100+00	SPCL. "V"	ECB	1.0'	-	45 SY
100+00 - 101+26	SPCL. "V"	ECB	1.0'	-	90 SY
101+72 - 103+00	SPCL. "V"	ECB	1.0'	-	91 SY

RURAL ENTRANCE CONSTRUCTION LT - KY 176						
STATION	WIDTH	TYPE	PIPE		SURFACE TYPE	SURFACE AREA (SQYD)
			LNG.	SIZE		
97+05	12'	RES	93'	18"	ASPH.	302
99+11	16'	RES	50'	18"	ASPH.	149
101+47	13'	RES.	46'	18"	ASPH.	286

A	S16°51'07"E - 20.21'
B	S72°00'41"W - 11.19'
C	S70°25'57"W - 51.20'
D	S71°02'44"W - 40.71'
E	S66°42'10"W -24.34'
F	S66°42'10"W - 4.94'
G	S82°33'05"W - 36.09'
H	S71°52'28"W - 115.25'
I	N68°12'10"E - 20.11'
J	N72°00'41"E - 54.86'
K	N66°40'18"E - 43.77'
L	N67°48'16"E - 47.92'
M	N82°21'42"E - 115.63'
N	N67°48'16"E - 0.40'
O	L= 40.39', R=119.80' Right N58°08'43"E, LC=40.20'
P	S13°00'31"E - 11.71'
Q	S14°41'25"E - 11.05'
R	N17°21'34"W - 10.75'
S	S72°00'41"W - 42.76'

DITCH CONSTRUCTION RT - KY 176					
STATION TO STATION	SIZE/TYPE	CHANNEL LINING			
		TYPE	D	T	QUANTITY
97+00 - 98+70	2' F.B. SPCL.	ECB	1.0'	-	194 SY
98+70 - 99+40	SPCL. "V"	ECB	1.0'	-	65 SY
100+50 - 103+00	NORM. "V"	ECB	1.0'	-	155 SY

REMOVE PAVEMENT			
LT. / RT.	FROM STATION	TO STATION	REMOVE SQ YD
RT	97+50	97+84	20
RT	100+38	100+77	115

PAVEMENT TRANSITION LT - KY 246		
STATION TO STATION	TYPE	LENGTH
51+30 - 51+80	50' EOP TAPER	50'

PAVEMENT TRANSITION LT - KY 246 SHOULDER		
STATION TO STATION	TYPE	LENGTH
51+30 - 51+80	50' SHLD. TAPER	50'

PAVEMENT TRANSITION RT - KY 246		
STATION TO STATION	TYPE	LENGTH
51+30 - 51+80	50' EOP TAPER	50'

PAVEMENT TRANSITION RT - KY 246 SHOULDER		
STATION TO STATION	TYPE	LENGTH
51+30 - 51+80	50' SHLD. TAPER	50'

DITCH CONSTRUCTION LT - KY 246					
STATION TO STATION	SIZE/TYPE	CHANNEL LINING			
		TYPE	D	T	QUANTITY
50+11 - 51+08	NORM. "V"	ECB	1.0'	-	90 SY

DITCH CONSTRUCTION RT - KY 246					
STATION TO STATION	SIZE/TYPE	CHANNEL LINING			
		TYPE	D	T	QUANTITY
50+11 - 51+62	NORM. "V"	ECB	1.0'	-	139 SY

CONST. STEEL W-BEAM GUARDRAIL RT (SINGLE FACE)						
BEGIN STATION	TERM. SEC.	END TREAT.	END STATION	TERM. SEC.	END TREAT.	LF
101+00	NO 1		103+00			200

RURAL ENTRANCE CONSTRUCTION LT - KY 246						
STATION	WIDTH	TYPE	PIPE		SURFACE TYPE	SURFACE AREA (SQYD)
			LNG.	SIZE		
51+37	36'	COM.	72'	18"	ASPH.	140

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: KY 176 & KY 246 PLAN SHEET

HORIZONTAL SCALE
SCALE: 1" = 20'

0' 20' 40' 80'

STA 97+00 TO 103+00

ITEM NO. 02-80100.00
COUNTY OF MUHLENBERG
SHEET NO. R5

REVISED 07-22-2025

DITCH CONSTRUCTION LT - KY 176					
STATION TO STATION	SIZE/TYPE	CHANNEL LINING			
		TYPE	D	T	QUANTITY
97+31 - 97+60	2' F.B. SPCL.	CL II	1.0'	1.25'	31 TONS
97+60 - 98+70	NORM. "V"	ECB	1.0'	-	89 SY
98+70 - 98+87	SPCL. "V"	ECB	1.0'	-	14 SY
99+37 - 100+00	SPCL. "V"	ECB	1.0'	-	45 SY
100+00 - 101+26	SPCL. "V"	ECB	1.0'	-	90 SY
101+72 - 103+00	SPCL. "V"	ECB	1.0'	-	91 SY

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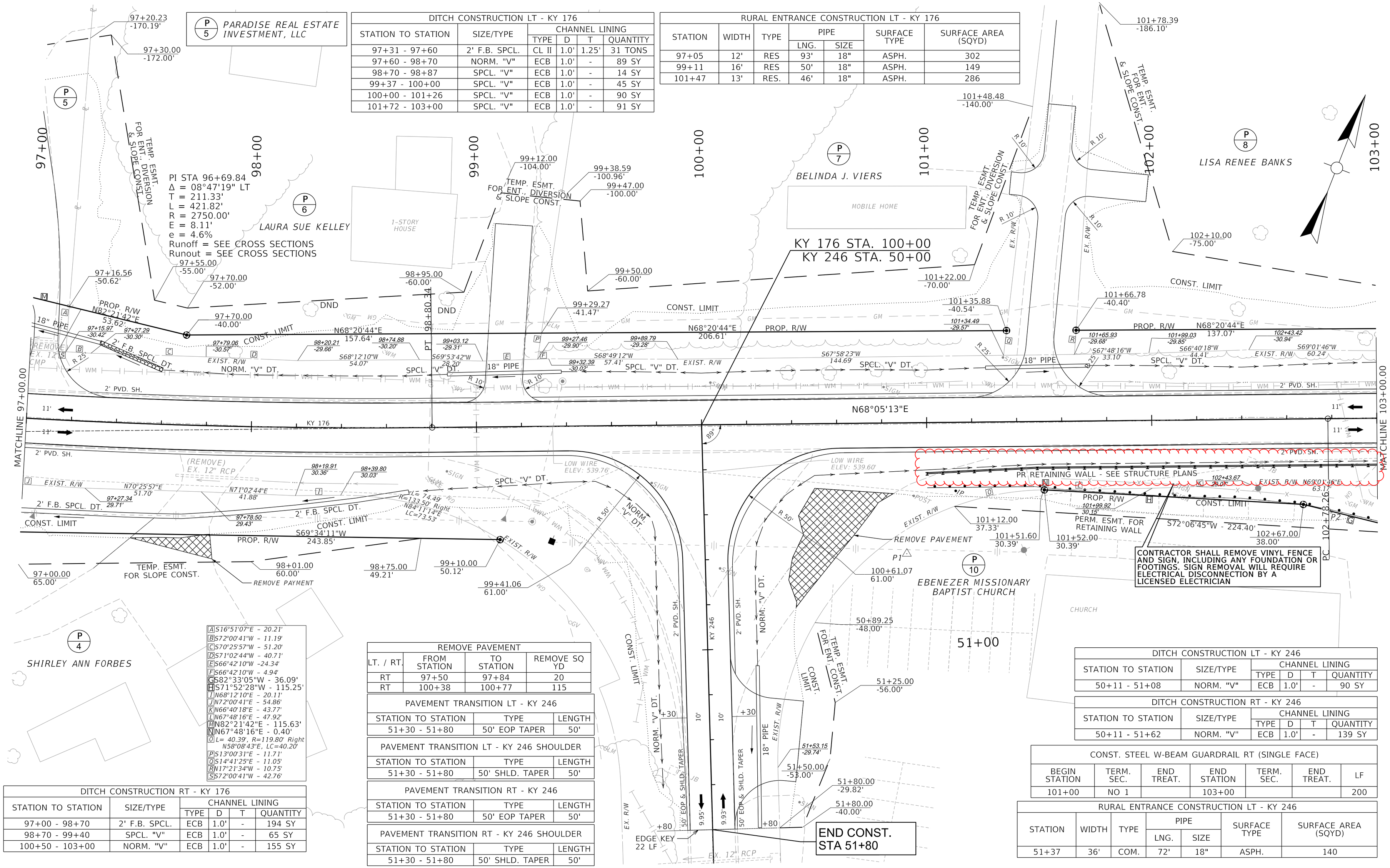
99+11	16'	RES	50'	18"	ASPH.	149
101+47	13'	RES.	46'	18"	ASPH.	286



A	S16°51'07"E - 20.21'
B	S72°00'41"W - 11.19'
C	S70°25'57"W - 51.20'
D	S71°02'44"W - 40.71'
E	S66°42'10"W -24.34'
F	S66°42'10"W - 4.94'
G	S82°33'05"W - 36.09'
H	S71°52'28"W - 115.25'
I	N68°12'10"E - 20.11'
J	N72°00'41"E - 54.86'
K	N66°40'18"E - 43.77'
L	N67°48'16"E - 47.92'
M	N82°21'42"E - 115.63'
N	N67°48'16"E - 0.40'
O	L= 40.39', R=119.80' Right N58°08'43"E, LC=40.20'
P	S13°00'31"E - 11.71'
Q	S14°41'25"E - 11.05'
R	N17°21'34"W - 10.75'
S	S72°00'41"W - 42.76'

DITCH CONSTRUCTION RT - KY 176					
STATION TO STATION	SIZE/TYPE	CHANNEL LINING			
		TYPE	D	T	QUANTITY
97+00 - 98+70	2' F.B. SPCL.	ECB	1.0'	-	194 SY
98+70 - 99+40	SPCL. "V"	ECB	1.0'	-	65 SY
100+50 - 103+00	NORM. "V"	ECB	1.0'	-	155 SY

REMOVE PAVEMENT			
LT. / RT.	FROM STATION	TO STATION	REMOVE SQ YD
RT	97+50	97+84	20
RT	100+38	100+77	115

PAVEMENT TRANSITION LT - KY 246		
STATION TO STATION	TYPE	LENGTH
51+30 - 51+80	50' EOP TAPER	50'

PAVEMENT TRANSITION LT - KY 246 SHOULDER		
STATION TO STATION	TYPE	LENGTH
51+30 - 51+80	50' SHLD. TAPER	50'

PAVEMENT TRANSITION RT - KY 246		
STATION TO STATION	TYPE	LENGTH
51+30 - 51+80	50' EOP TAPER	50'

PAVEMENT TRANSITION RT - KY 246 SHOULDER		
STATION TO STATION	TYPE	LENGTH
51+30 - 51+80	50' SHLD. TAPER	50'

DITCH CONSTRUCTION LT - KY 246					
STATION TO STATION	SIZE/TYPE	CHANNEL LINING			
		TYPE	D	T	QUANTITY
50+11 - 51+08	NORM. "V"	ECB	1.0'	-	90 SY

DITCH CONSTRUCTION RT - KY 246					
STATION TO STATION	SIZE/TYPE	CHANNEL LINING			
		TYPE	D	T	QUANTITY
50+11 - 51+62	NORM. "V"	ECB	1.0'	-	139 SY

CONST. STEEL W-BEAM GUARDRAIL RT (SINGLE FACE)						
BEGIN STATION	TERM. SEC.	END TREAT.	END STATION	TERM. SEC.	END TREAT.	LF
101+00	NO 1		103+00			200

RURAL ENTRANCE CONSTRUCTION LT - KY 246						
STATION	WIDTH	TYPE	PIPE		SURFACE TYPE	SURFACE AREA (SQYD)
			LNG.	SIZE		
51+37	36'	COM.	72'	18"	ASPH.	140

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

KENTUCKY TRANSPORTATION CABINET

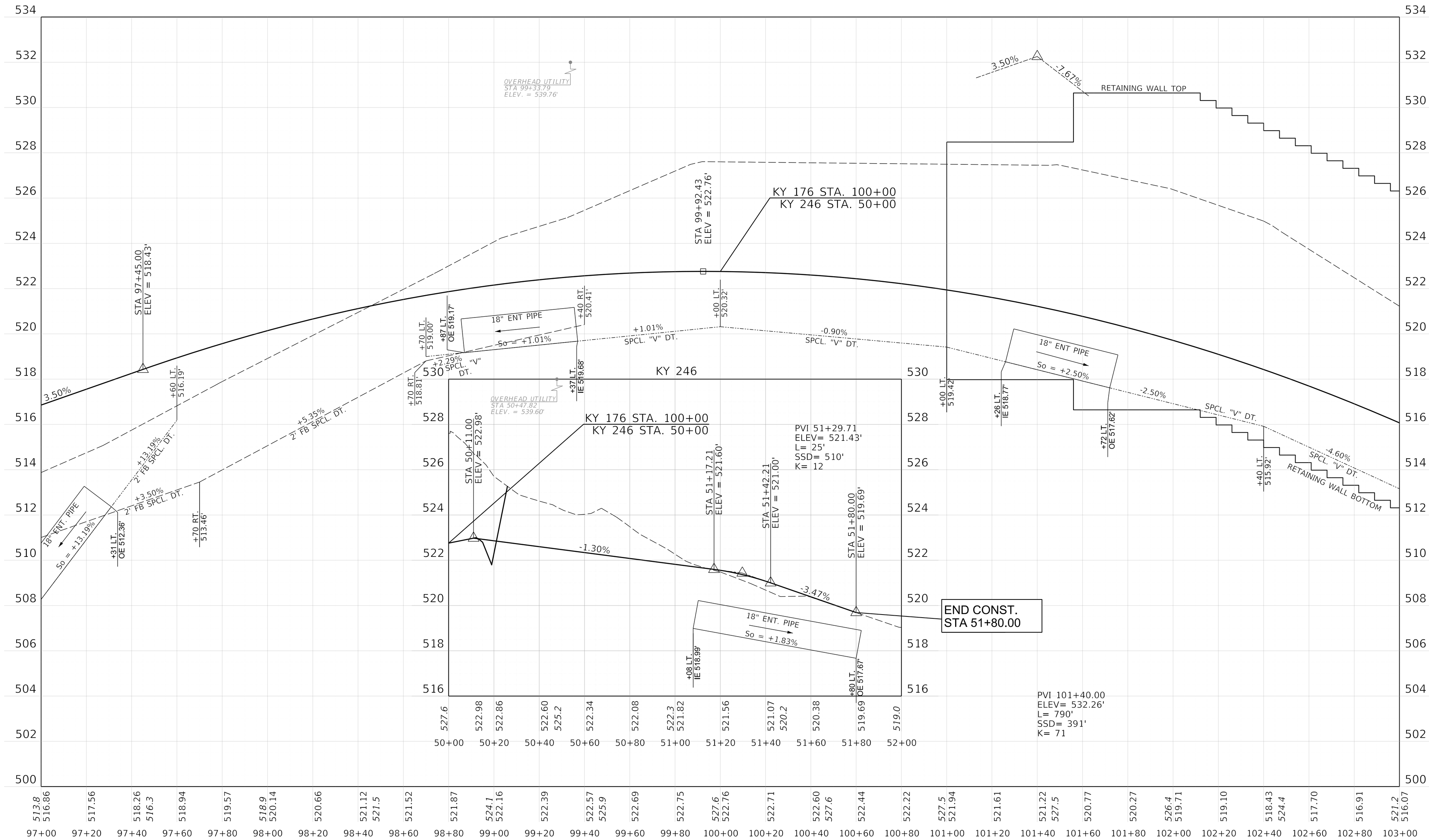
DRAWING TITLE: KY 176 & KY 246 PLAN SHEET

HORIZONTAL SCALE
SCALE: 1" = 20'

0' 20' 40' 80'

STA 97+00 TO 103+00

ITEM NO. 02-80100.00
COUNTY OF MUHLENBERG
SHEET NO. R5



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: KY 176 & KY 246 PROFILE SHEET

0' 20' 40' 80'
HORIZONTAL SCALE: 1"=20'

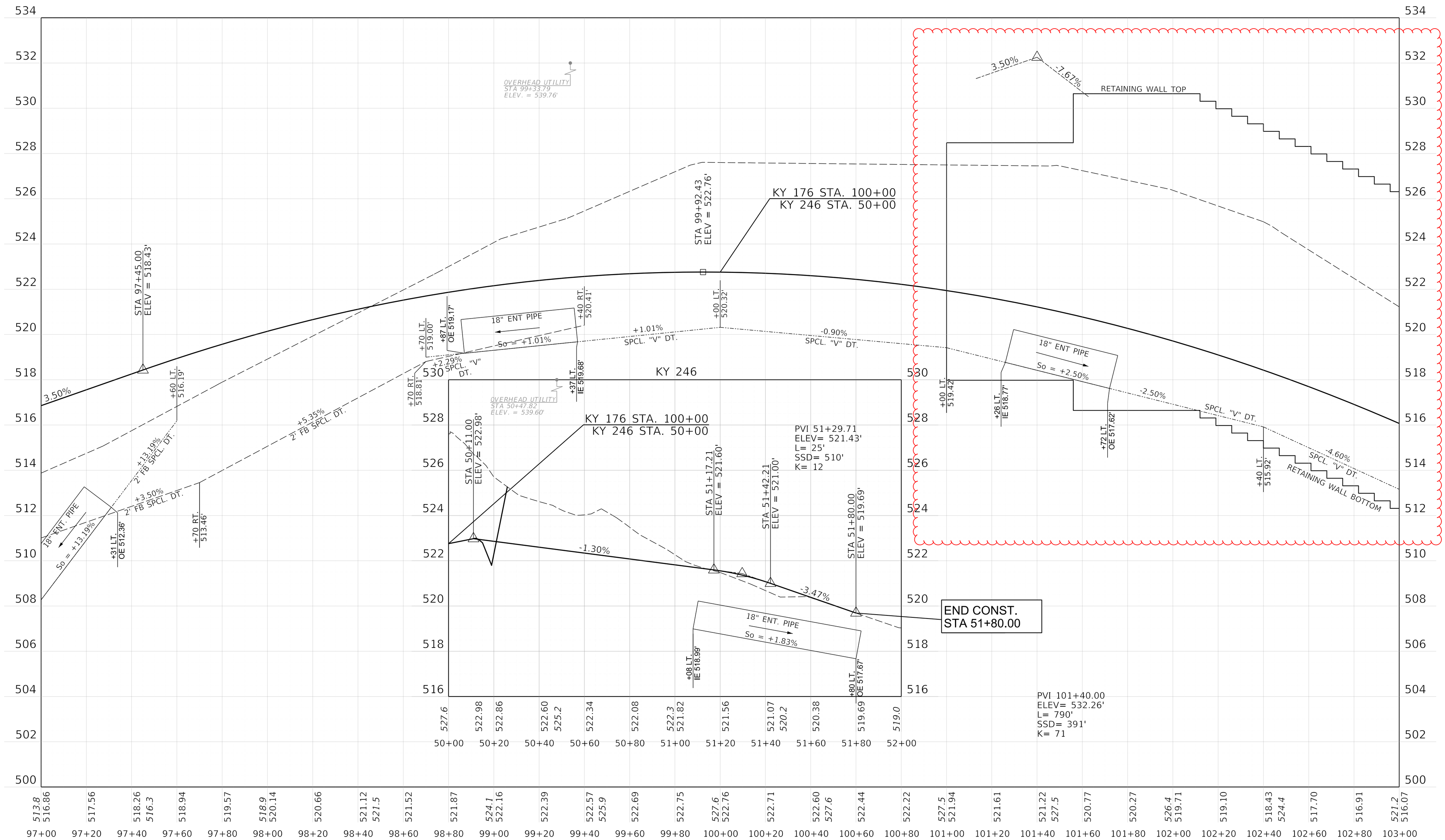
0' 2' 4' 8'
VERTICAL SCALE: 1"=2'

STA 97+00 TO 103+00

ITEM NO. 02-80100.00
COUNTY OF MUHLENBERG
SHEET NO. R6

OpenRoads Designer v10.16.0.80 USER: kgreulach DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORKINGDIR\AEI-PW.BENTLEY.COM_AEI-PW-01\KGREULACH@AEI.CC\DMS17957\02_80100_00_R_PLAN.DGN

REVISED 07-22-2025



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: KY 176 & KY 246 PROFILE SHEET

0' 20' 40' 80'
HORIZONTAL SCALE: 1"=20'

0' 2' 4' 8'
VERTICAL SCALE: 1"=2'

STA 97+00 TO 103+00

ITEM NO. 02-80100.00
COUNTY OF MUHLENBERG
SHEET NO. R6

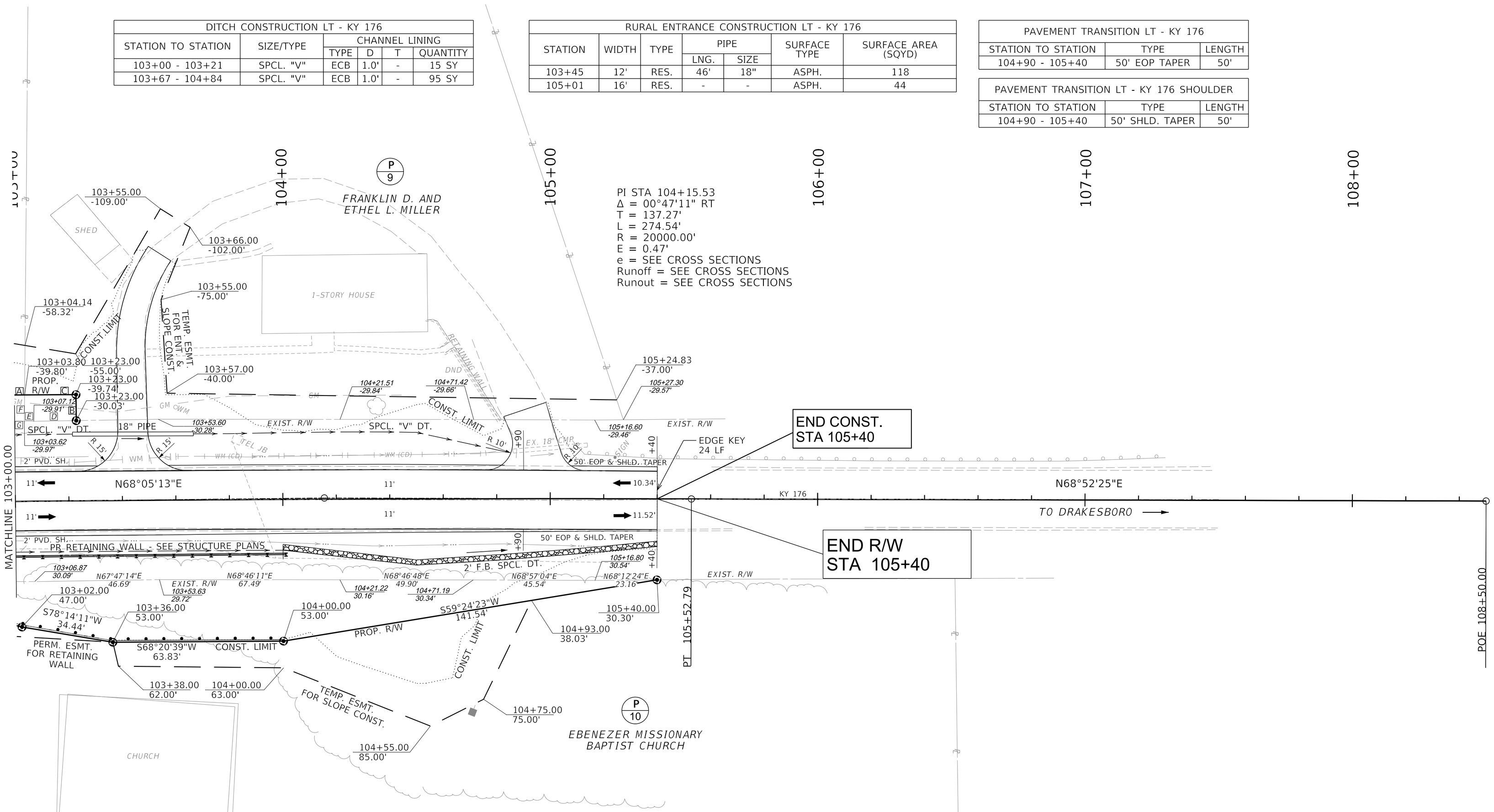
OpenRoads Designer v10.16.0.80 USER: kgreulach DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORKINGDIR\AEI-PW.BENTLEY.COM_AEI-PW-01\KGREULACH@AEI.CC\DMS17957\02_80100_00_R_PLAN.DGN

DITCH CONSTRUCTION LT - KY 176					
STATION TO STATION	SIZE/TYPE	CHANNEL LINING			
		TYPE	D	T	QUANTITY
103+00 - 103+21	SPCL. "V"	ECB	1.0'	-	15 SY
103+67 - 104+84	SPCL. "V"	ECB	1.0'	-	95 SY

RURAL ENTRANCE CONSTRUCTION LT - KY 176						
STATION	WIDTH	TYPE	PIPE		SURFACE TYPE	SURFACE AREA (SQYD)
			LNG.	SIZE		
103+45	12'	RES.	46'	18"	ASPH.	118
105+01	16'	RES.	-	-	ASPH.	44

PAVEMENT TRANSITION LT - KY 176		
STATION TO STATION	TYPE	LENGTH
104+90 - 105+40	50' EOP TAPER	50'

PAVEMENT TRANSITION LT - KY 176 SHOULDER		
STATION TO STATION	TYPE	LENGTH
104+90 - 105+40	50' SHLD. TAPER	50'



PAVEMENT TRANSITION RT - KY 176		
STATION TO STATION	TYPE	LENGTH
104+90 - 105+40	50' EOP TAPER	50'

PAVEMENT TRANSITION RT - KY 176 SHOULDER		
STATION TO STATION	TYPE	LENGTH
104+90 - 105+40	50' SHLD. TAPER	50'

DITCH CONSTRUCTION RT - KY 176						
STATION TO STATION	SIZE/TYPE	CHANNEL LINING				
		TYPE	D	T	QUANTITY	
103+00 - 104+00	NORM. "V"	ECB	1.0'	-	62 SY	
104+00 - 105+40	2' F.B. SPCL.	CL II	1.0'	1.25'	122 TONS	

A N68°20'44"E - 137.07'
B S21°47'05"E - 9.71'
C N68°20'44"E - 19.24'
D S67°47'14"W - 15.90'
E S69°01'46"W - 3.51'
F S20°47'21"E - 9.83'
G S69°01'46"W - 60.24'

CONST. STEEL W-BEAM GUARDRAIL RT (SINGLE FACE)						
BEGIN STATION	TERM. SEC.	END TREAT.	END STATION	TERM. SEC.	END TREAT.	LF
103+00			104+00	NO 1		100

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: KY 176 PLAN SHEET

HORIZONTAL SCALE
SCALE: 1" = 20'
0' 20' 40' 80'

STA 103+00 TO 105+40

ITEM NO. 02-80100.00
COUNTY OF MUHLENBERG
SHEET NO. R7

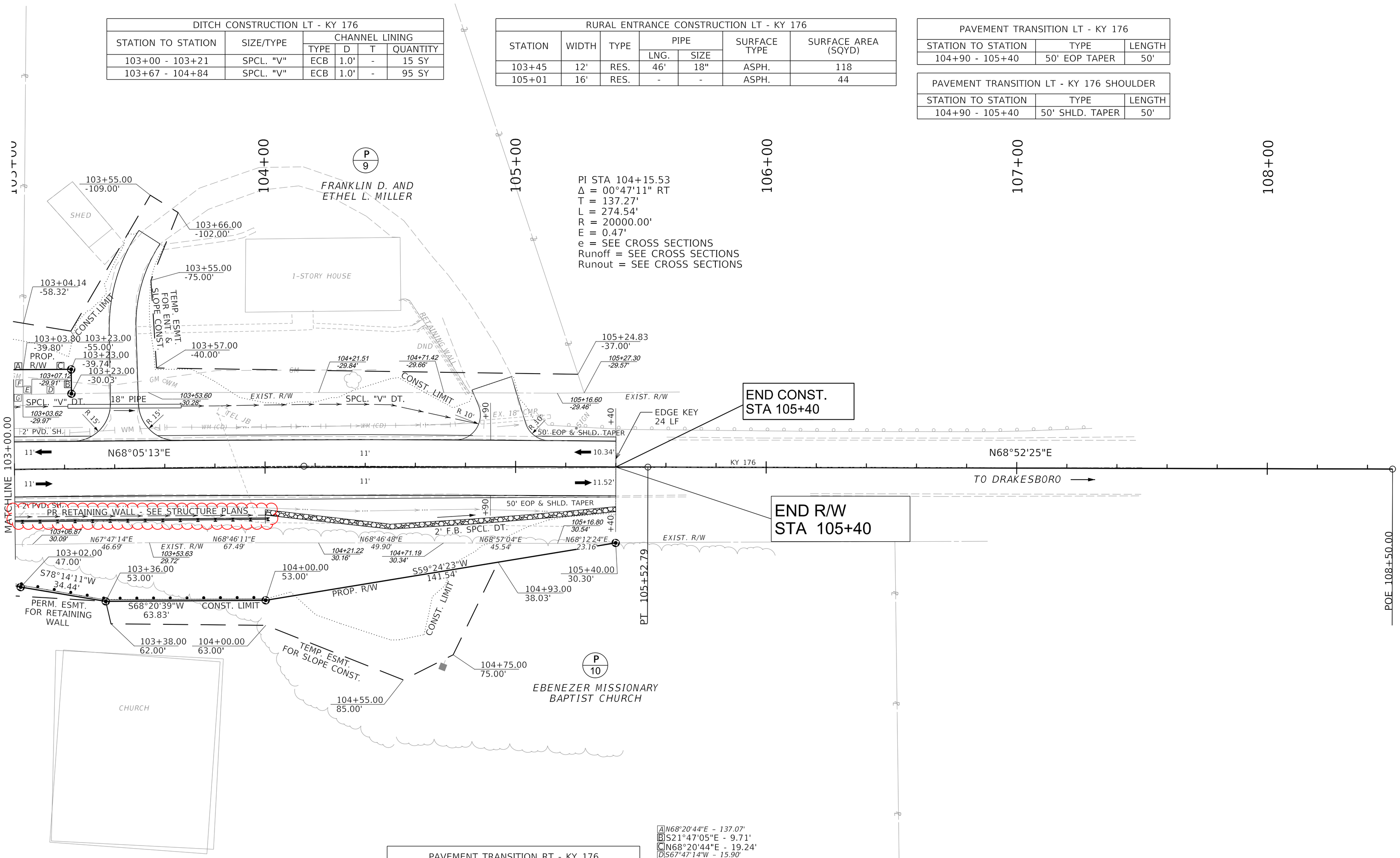
REVISED 07-22-2025

DITCH CONSTRUCTION LT - KY 176					
STATION TO STATION	SIZE/TYPE	CHANNEL LINING			
		TYPE	D	T	QUANTITY
103+00 - 103+21	SPCL. "V"	ECB	1.0'	-	15 SY
103+67 - 104+84	SPCL. "V"	ECB	1.0'	-	95 SY

RURAL ENTRANCE CONSTRUCTION LT - KY 176						
STATION	WIDTH	TYPE	PIPE		SURFACE TYPE	SURFACE AREA (SQYD)
			LNG.	SIZE		
103+45	12'	RES.	46'	18"	ASPH.	118
105+01	16'	RES.	-	-	ASPH.	44

PAVEMENT TRANSITION LT - KY 176		
STATION TO STATION	TYPE	LENGTH
104+90 - 105+40	50' EOP TAPER	50'

PAVEMENT TRANSITION LT - KY 176 SHOULDER		
STATION TO STATION	TYPE	LENGTH
104+90 - 105+40	50' SHLD. TAPER	50'



PAVEMENT TRANSITION RT - KY 176		
STATION TO STATION	TYPE	LENGTH
104+90 - 105+40	50' EOP TAPER	50'

PAVEMENT TRANSITION RT - KY 176 SHOULDER		
STATION TO STATION	TYPE	LENGTH
104+90 - 105+40	50' SHLD. TAPER	50'

DITCH CONSTRUCTION RT - KY 176						
STATION TO STATION	SIZE/TYPE	CHANNEL LINING				
		TYPE	D	T	QUANTITY	
103+00 - 104+00	NORM. "V"	ECB	1.0'	-	62 SY	
104+00 - 105+40	2' F.B. SPCL.	CL II	1.0'	1.25'	122 TONS	

A N68°20'44"E - 137.07'
B S21°47'05"E - 9.71'
C N68°20'44"E - 19.24'
D S67°47'14"W - 15.90'
E S69°01'46"W - 3.51'
F S20°47'21"E - 9.83'
G S69°01'46"W - 60.24'

CONST. STEEL W-BEAM GUARDRAIL RT (SINGLE FACE)						
BEGIN STATION	TERM. SEC.	END TREAT.	END STATION	TERM. SEC.	END TREAT.	LF
103+00			104+00	NO 1		100

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: KY 176 PLAN SHEET

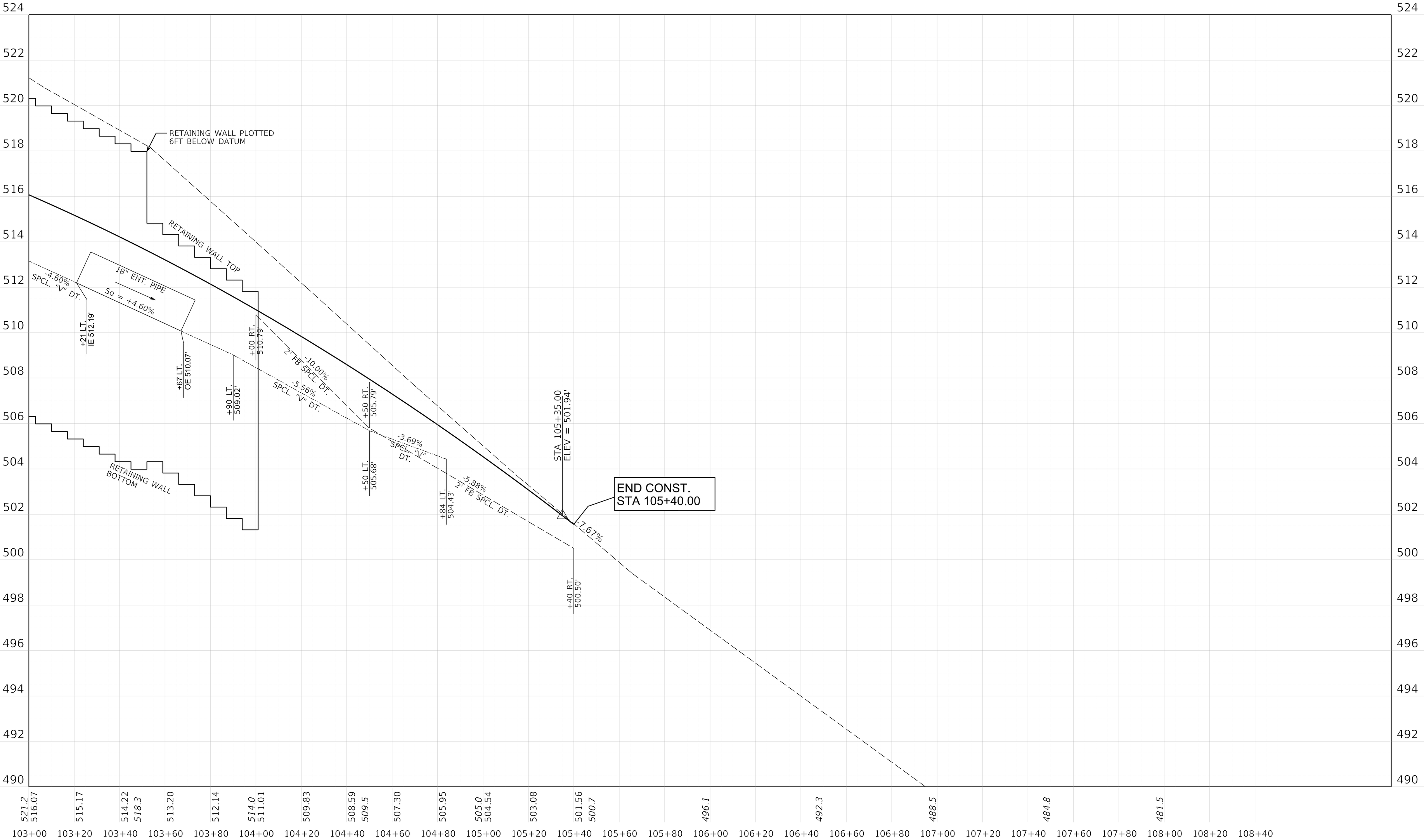
HORIZONTAL SCALE
SCALE: 1" = 20'

0' 20' 40' 80'

STA 103+00 TO 105+40

ITEM NO. 02-80100.00
COUNTY OF MUHLENBERG
SHEET NO. R7

OpenRoads Designer v10.16.0.80 USER: kgreulach DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORKINGDIR\AEI-PW.BENTLEY.COM_AEI-PW-01\KGREULACH@AEI.CC\DMS17957\02_80100_00_R_PLAN.DGN



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: KY 176 PROFILE SHEET

0' 20' 40' 80'
HORIZONTAL SCALE: 1"=20'

0' 2' 4' 8'
VERTICAL SCALE: 1"=2'

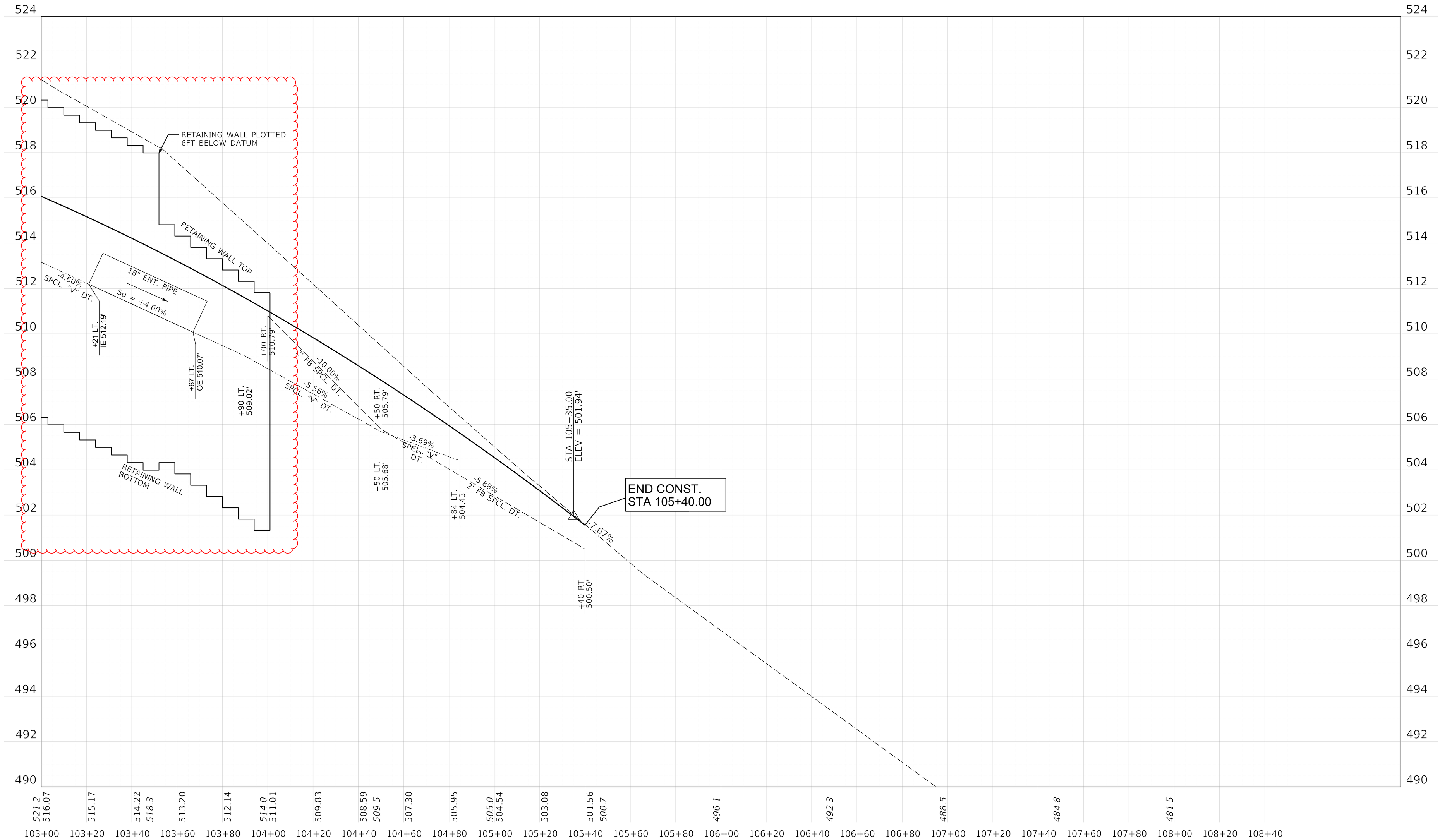
STA 103+00 TO 105+40

ITEM NO. 02-80100.00
COUNTY OF MUHLENBERG

SHEET NO. R8

OpenRoads Designer v10.16.0.80 USER: kgreulach DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORKINGDIR\AEI-PW.BENTLEY.COM_AEI-PW-01\KGREULACH@AEI.CC\DMS17957\02_80100_00_R_PLAN.DGN

REVISED 07-22-2025



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: KY 176 PROFILE SHEET

0' 20' 40' 80'
HORIZONTAL SCALE: 1"=20'

0' 2' 4' 8'
VERTICAL SCALE: 1"=2'

STA 103+00 TO 105+40

ITEM NO. 02-80100.00
COUNTY OF MUHLENBERG
SHEET NO. R8

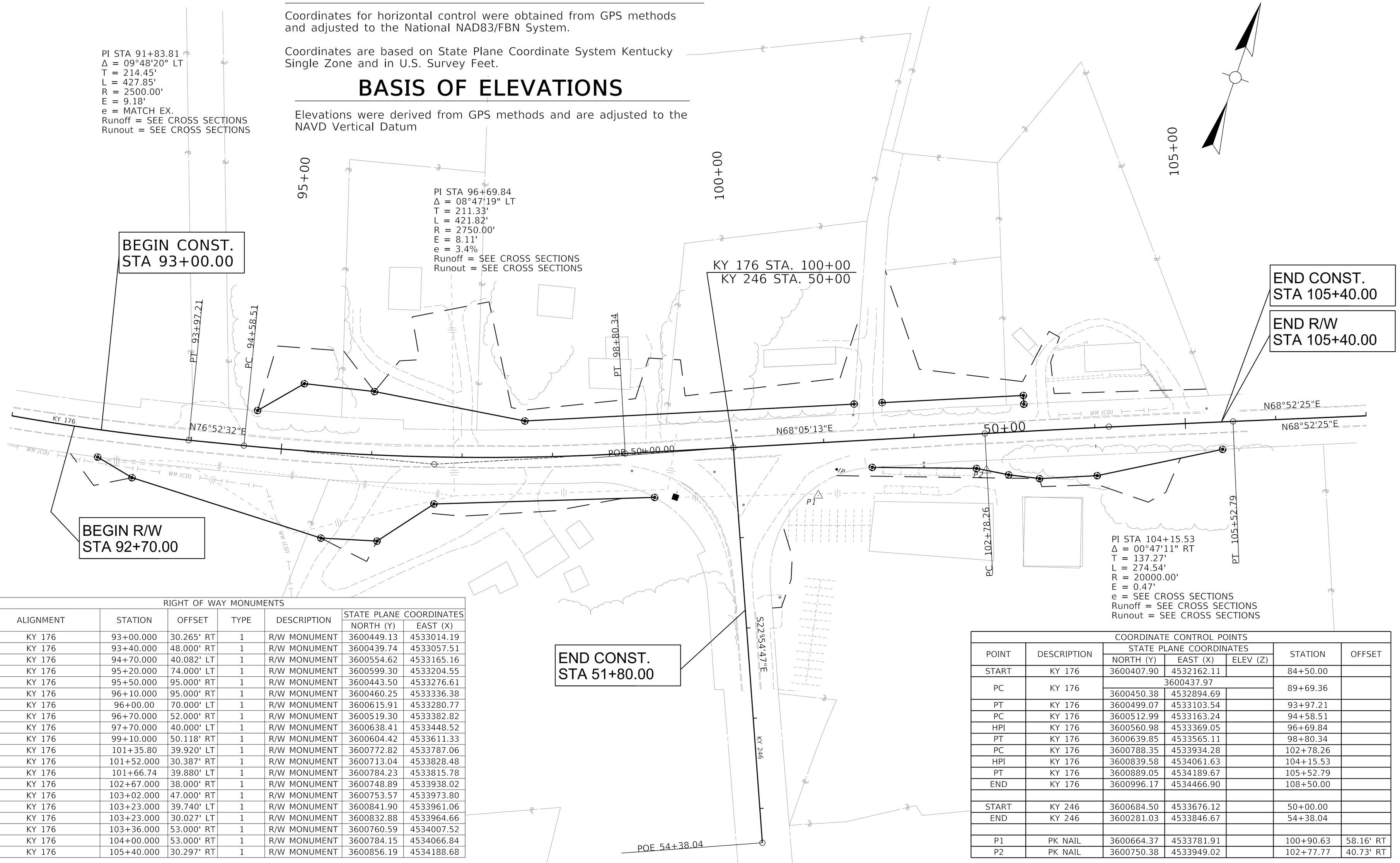
COORDINATE SYSTEM

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 Kentucky Single Zone and in U.S. Survey Feet.

BASIS OF ELEVATIONS

Elevations were derived from GPS methods and are adjusted to the NAVD Vertical Datum



RIGHT OF WAY MONUMENTS						
ALIGNMENT	STATION	OFFSET	TYPE	DESCRIPTION	STATE PLANE COORDINATES	
					NORTH (Y)	EAST (X)
KY 176	93+00.000	30.265' RT	1	R/W MONUMENT	3600449.13	4533014.19
KY 176	93+40.000	48.000' RT	1	R/W MONUMENT	3600439.74	4533057.51
KY 176	94+70.000	40.082' LT	1	R/W MONUMENT	3600554.62	4533165.16
KY 176	95+20.000	74.000' LT	1	R/W MONUMENT	3600599.30	4533204.55
KY 176	95+50.000	95.000' RT	1	R/W MONUMENT	3600443.50	4533276.61
KY 176	96+10.000	95.000' RT	1	R/W MONUMENT	3600460.25	4533336.38
KY 176	96+00.00	70.000' LT	1	R/W MONUMENT	3600615.91	4533280.77
KY 176	96+70.000	52.000' RT	1	R/W MONUMENT	3600519.30	4533382.82
KY 176	97+70.000	40.000' LT	1	R/W MONUMENT	3600638.41	4533448.52
KY 176	99+10.000	50.118' RT	1	R/W MONUMENT	3600604.42	4533611.33
KY 176	101+35.80	39.920' LT	1	R/W MONUMENT	3600772.82	4533787.06
KY 176	101+52.000	30.387' RT	1	R/W MONUMENT	3600713.04	4533828.48
KY 176	101+66.74	39.880' LT	1	R/W MONUMENT	3600784.23	4533815.78
KY 176	102+67.000	38.000' RT	1	R/W MONUMENT	3600748.89	4533938.02
KY 176	103+02.000	47.000' RT	1	R/W MONUMENT	3600753.57	4533973.80
KY 176	103+23.000	39.740' LT	1	R/W MONUMENT	3600841.90	4533961.06
KY 176	103+23.000	30.027' LT	1	R/W MONUMENT	3600832.88	4533964.66
KY 176	103+36.000	53.000' RT	1	R/W MONUMENT	3600760.59	4534007.52
KY 176	104+00.000	53.000' RT	1	R/W MONUMENT	3600784.15	4534066.84
KY 176	105+40.000	30.297' RT	1	R/W MONUMENT	3600856.19	4534188.68

COORDINATE CONTROL POINTS						
POINT	DESCRIPTION	STATE PLANE COORDINATES			STATION	OFFSET
		NORTH (Y)	EAST (X)	ELEV (Z)		
START	KY 176	3600407.90	4532162.11		84+50.00	
PC	KY 176	3600437.97			89+69.36	
		3600450.38	4532894.69			
PT	KY 176	3600499.07	4533103.54		93+97.21	
PC	KY 176	3600512.99	4533163.24		94+58.51	
HPI	KY 176	3600560.98	4533369.05		96+69.84	
PT	KY 176	3600639.85	4533565.11		98+80.34	
PC	KY 176	3600788.35	4533934.28		102+78.26	
HPI	KY 176	3600839.58	4534061.63		104+15.53	
PT	KY 176	3600889.05	4534189.67		105+52.79	
END	KY 176	3600996.17	4534466.90		108+50.00	
START	KY 246	3600684.50	4533676.12		50+00.00	
END	KY 246	3600281.03	4533846.67		54+38.04	
P1	PK NAIL	3600664.37	4533781.91		100+90.63	58.16' RT
P2	PK NAIL	3600750.38	4533949.02		102+77.77	40.73' RT

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: KY 176 & KY 246 COORDINATE CONTROL SHEET

HORIZONTAL SCALE
SCALE: 1" = 50'

0' 50' 100' 200'

STA 93+00 TO 105+40

ITEM NO. 02-80100.00
COUNTY OF MUHLENBERG
SHEET NO. R11

REVISED 07-22-2025

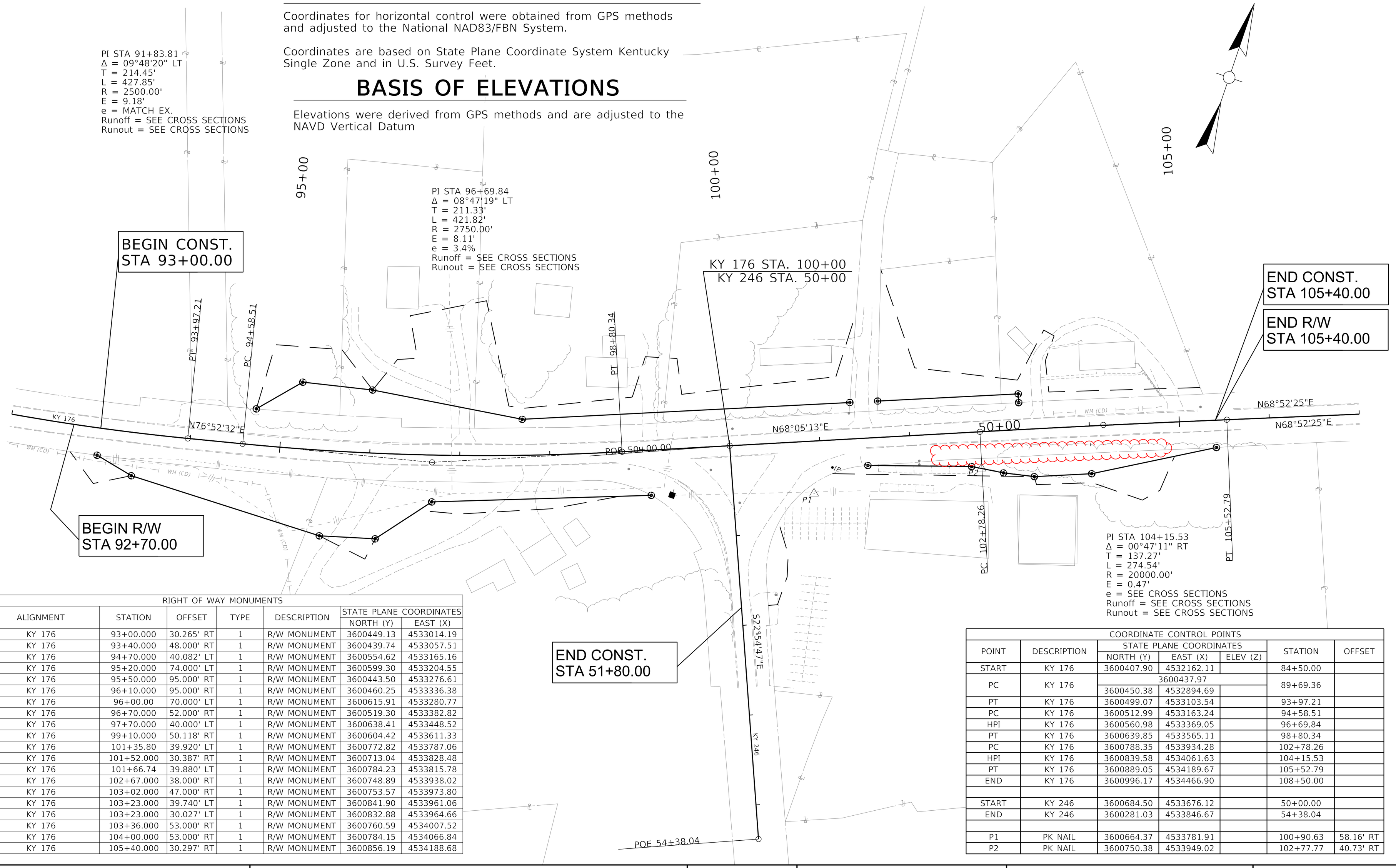
COORDINATE SYSTEM

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 Kentucky Single Zone and in U.S. Survey Feet.

BASIS OF ELEVATIONS

Elevations were derived from GPS methods and are adjusted to the NAVD Vertical Datum



RIGHT OF WAY MONUMENTS						
ALIGNMENT	STATION	OFFSET	TYPE	DESCRIPTION	STATE PLANE COORDINATES	
					NORTH (Y)	EAST (X)
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KY 176	93+40.000	48.000' RT	1	R/W MONUMENT	3600439.74	4533057.51
KY 176	94+70.000	40.082' LT	1	R/W MONUMENT	3600554.62	4533165.16
KY 176	95+20.000	74.000' LT	1	R/W MONUMENT	3600599.30	4533204.55
KY 176	95+50.000	95.000' RT	1	R/W MONUMENT	3600443.50	4533276.61
KY 176	96+10.000	95.000' RT	1	R/W MONUMENT	3600460.25	4533336.38
KY 176	96+00.00	70.000' LT	1	R/W MONUMENT	3600615.91	4533280.77
KY 176	96+70.000	52.000' RT	1	R/W MONUMENT	3600519.30	4533382.82
KY 176	97+70.000	40.000' LT	1	R/W MONUMENT	3600638.41	4533448.52
KY 176	99+10.000	50.118' RT	1	R/W MONUMENT	3600604.42	4533611.33
KY 176	101+35.80	39.920' LT	1	R/W MONUMENT	3600772.82	4533787.06
KY 176	101+52.000	30.387' RT	1	R/W MONUMENT	3600713.04	4533828.48
KY 176	101+66.74	39.880' LT	1	R/W MONUMENT	3600784.23	4533815.78
KY 176	102+67.000	38.000' RT	1	R/W MONUMENT	3600748.89	4533938.02
KY 176	103+02.000	47.000' RT	1	R/W MONUMENT	3600753.57	4533973.80
KY 176	103+23.000	39.740' LT	1	R/W MONUMENT	3600841.90	4533961.06
KY 176	103+23.000	30.027' LT	1	R/W MONUMENT	3600832.88	4533964.66
KY 176	103+36.000	53.000' RT	1	R/W MONUMENT	3600760.59	4534007.52
KY 176	104+00.000	53.000' RT	1	R/W MONUMENT	3600784.15	4534066.84
KY 176	105+40.000	30.297' RT	1	R/W MONUMENT	3600856.19	4534188.68

COORDINATE CONTROL POINTS						
POINT	DESCRIPTION	STATE PLANE COORDINATES			STATION	OFFSET
		NORTH (Y)	EAST (X)	ELEV (Z)		
START	KY 176	3600407.90	4532162.11		84+50.00	
PC	KY 176	3600437.97			89+69.36	
		3600450.38	4532894.69			
PT	KY 176	3600499.07	4533103.54		93+97.21	
PC	KY 176	3600512.99	4533163.24		94+58.51	
HPI	KY 176	3600560.98	4533369.05		96+69.84	
PT	KY 176	3600639.85	4533565.11		98+80.34	
PC	KY 176	3600788.35	4533934.28		102+78.26	
HPI	KY 176	3600839.58	4534061.63		104+15.53	
PT	KY 176	3600889.05	4534189.67		105+52.79	
END	KY 176	3600996.17	4534466.90		108+50.00	
START	KY 246	3600684.50	4533676.12		50+00.00	
END	KY 246	3600281.03	4533846.67		54+38.04	
P1	PK NAIL	3600664.37	4533781.91		100+90.63	58.16' RT
P2	PK NAIL	3600750.38	4533949.02		102+77.77	40.73' RT

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: KY 176 & KY 246 COORDINATE CONTROL SHEET

HORIZONTAL SCALE
SCALE: 1" = 50'

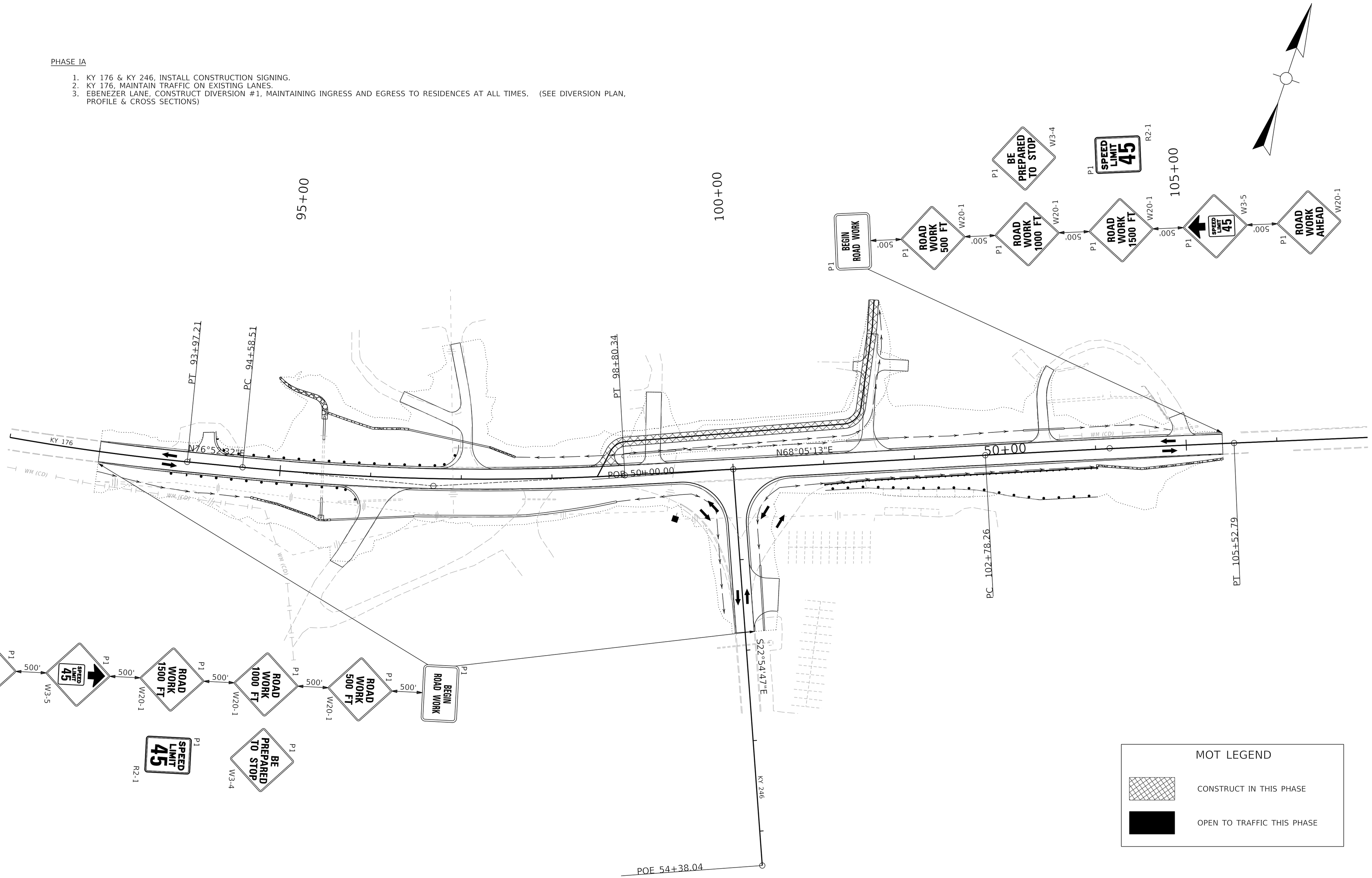
0' 50' 100' 200'

STA 93+00 TO 105+40

ITEM NO. 02-80100.00
COUNTY OF MUHLENBERG
SHEET NO. R11

PHASE IA

1. KY 176 & KY 246, INSTALL CONSTRUCTION SIGNING.
2. KY 176, MAINTAIN TRAFFIC ON EXISTING LANES.
3. EBENEZER LANE, CONSTRUCT DIVERSION #1, MAINTAINING INGRESS AND EGRESS TO RESIDENCES AT ALL TIMES. (SEE DIVERSION PLAN, PROFILE & CROSS SECTIONS)



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: MAINTENANCE OF TRAFFIC
PHASE IA - KY 176

HORIZONTAL SCALE
SCALE: 1" = 50'

0' 50' 100' 200'

STA 93+00 TO 105+40

ITEM NO. 02-80100.00
COUNTY OF MUHLENBERG

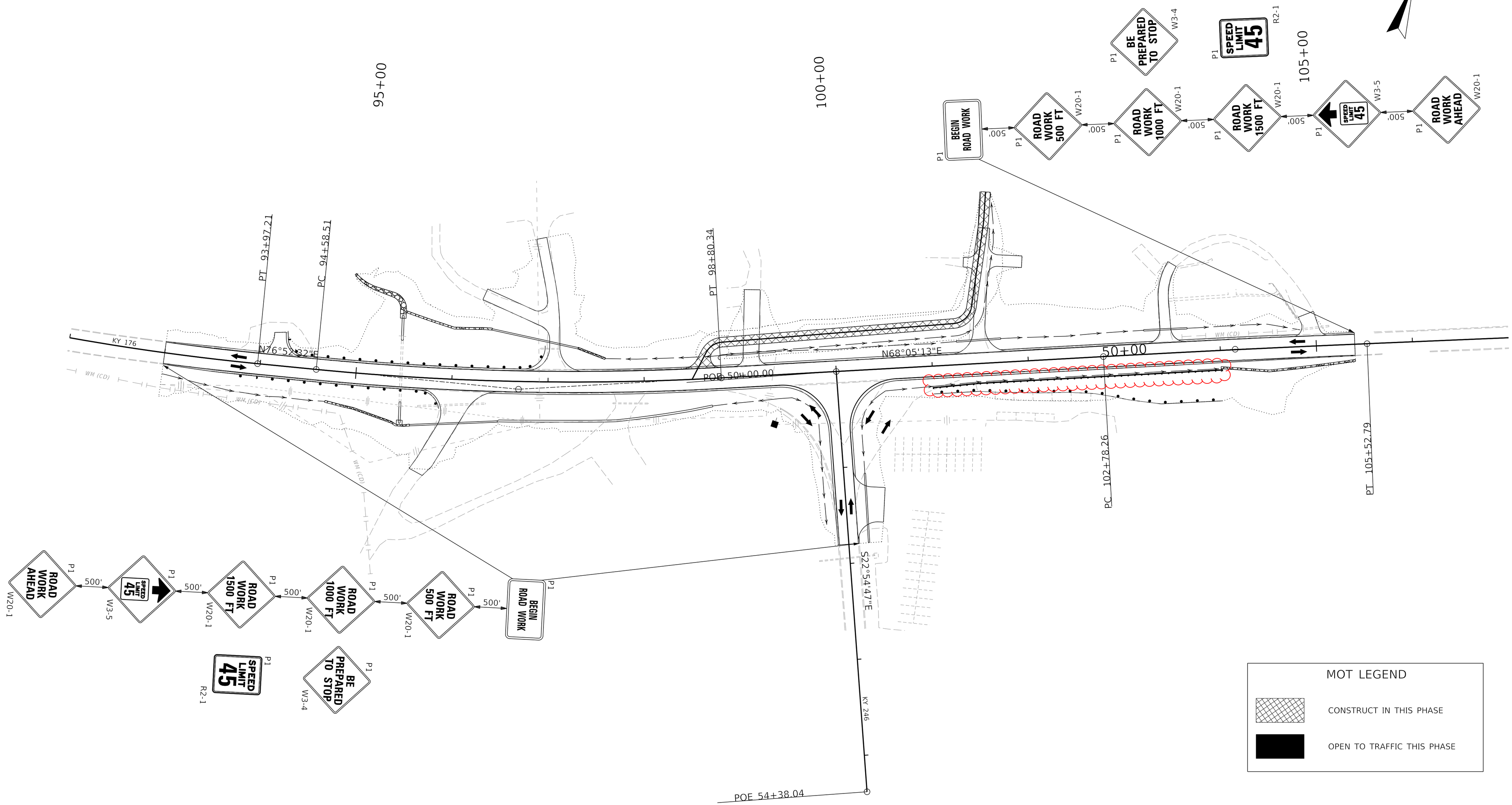
SHEET NO. R28

OpenRoads Designer v10.16.0.80 USER: kgreulach DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORKINGDIR\AEI-PW.BENTLEY.COM_AEI-PW-01\KGREULACH@AEI.CC\DMS17957\02_80100_00_R_MOT.DGN

REVISED 07-22-2025

PHASE IA

1. KY 176 & KY 246, INSTALL CONSTRUCTION SIGNING.
2. KY 176, MAINTAIN TRAFFIC ON EXISTING LANES.
3. EBENEZER LANE, CONSTRUCT DIVERSION #1, MAINTAINING INGRESS AND EGRESS TO RESIDENCES AT ALL TIMES. (SEE DIVERSION PLAN, PROFILE & CROSS SECTIONS)



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: MAINTENANCE OF TRAFFIC PHASE IA - KY 176

HORIZONTAL SCALE SCALE: 1" = 50'

0' 50' 100' 200'

STA 93+00 TO 105+40

ITEM NO. 02-80100.00

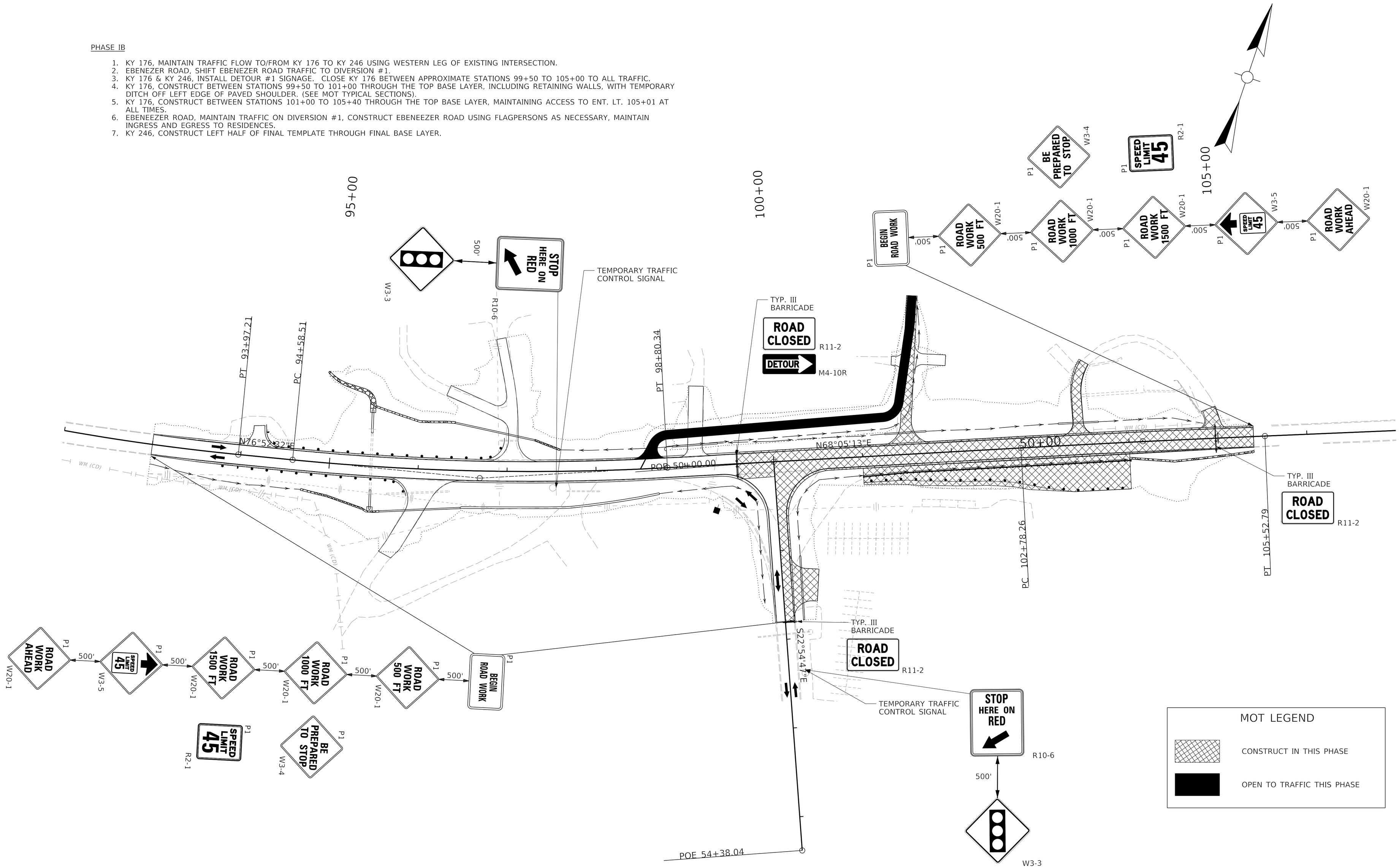
COUNTY OF MUHLENBERG

SHEET NO. R28

OpenRoads Designer v10.16.0.80 USER: kgreulach DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORKINGDIR\AEI-PW.BENTLEY.COM_AEI-PW-01\KGREULACH@AEI.CC\DMS17957\02_80100_00_R_MOT.DGN

PHASE IB

1. KY 176, MAINTAIN TRAFFIC FLOW TO/FROM KY 176 TO KY 246 USING WESTERN LEG OF EXISTING INTERSECTION.
2. EBENEZER ROAD, SHIFT EBENEZER ROAD TRAFFIC TO DIVERSION #1.
3. KY 176 & KY 246, INSTALL DETOUR #1 SIGNAGE. CLOSE KY 176 BETWEEN APPROXIMATE STATIONS 99+50 TO 105+00 TO ALL TRAFFIC.
4. KY 176, CONSTRUCT BETWEEN STATIONS 99+50 TO 101+00 THROUGH THE TOP BASE LAYER, INCLUDING RETAINING WALLS, WITH TEMPORARY DITCH OFF LEFT EDGE OF PAVED SHOULDER. (SEE MOT TYPICAL SECTIONS).
5. KY 176, CONSTRUCT BETWEEN STATIONS 101+00 TO 105+40 THROUGH THE TOP BASE LAYER, MAINTAINING ACCESS TO ENT. LT. 105+01 AT ALL TIMES.
6. EBENEEZER ROAD, MAINTAIN TRAFFIC ON DIVERSION #1, CONSTRUCT EBENEEZER ROAD USING FLAGPERSONS AS NECESSARY, MAINTAIN INGRESS AND EGRESS TO RESIDENCES.
7. KY 246, CONSTRUCT LEFT HALF OF FINAL TEMPLATE THROUGH FINAL BASE LAYER.



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: MAINTENANCE OF TRAFFIC PHASE IB - KY 176

HORIZONTAL SCALE SCALE: 1" = 50'

0' 50' 100' 200'

STA 93+00 TO 105+40

ITEM NO. 02-80100.00

COUNTY OF MUHLENBERG

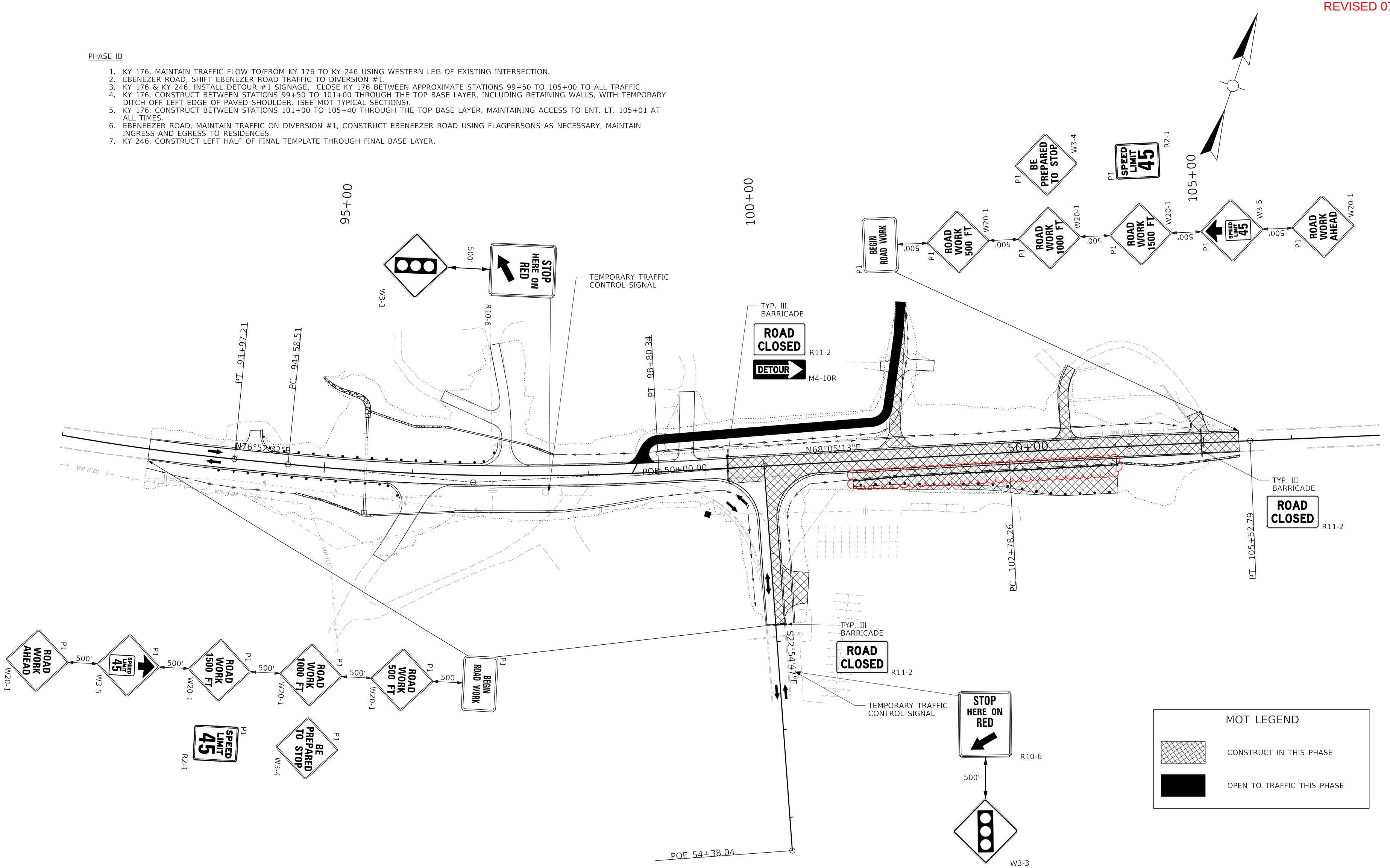
SHEET NO. R29

OpenRoads Designer v10.16.0.80 USER: kgreulach DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORKINGDIR\AEI-PW.BENTLEY.COM_AEI-PW-01\KGREULACH@AEI.CC\DMS17957\02_80100_00_R_MOT.DGN

REVISED 07-22-2025

PHASE IB

1. KY 176, MAINTAIN TRAFFIC FLOW TO/FROM KY 176 TO KY 246 USING WESTERN LEG OF EXISTING INTERSECTION.
2. EBENEZER ROAD, SHIFT EBENEZER ROAD TRAFFIC TO DIVERSION #1.
3. KY 176 & KY 246, INSTALL DETOUR #1 SIGNAGE. CLOSE KY 176 BETWEEN APPROXIMATE STATIONS 99+50 TO 105+00 TO ALL TRAFFIC.
4. KY 176, CONSTRUCT BETWEEN STATIONS 99+50 TO 101+00 THROUGH THE TOP BASE LAYER, INCLUDING RETAINING WALLS, WITH TEMPORARY DITCH OFF LEFT EDGE OF PAVED SHOULDER. (SEE MOT TYPICAL SECTIONS).
5. KY 176, CONSTRUCT BETWEEN STATIONS 101+00 TO 105+40 THROUGH THE TOP BASE LAYER, MAINTAINING ACCESS TO ENT. LT. 105+01 AT ALL TIMES.
6. EBENEEZER ROAD, MAINTAIN TRAFFIC ON DIVERSION #1, CONSTRUCT EBENEEZER ROAD USING FLAGPERSONS AS NECESSARY, MAINTAIN INGRESS AND EGRESS TO RESIDENCES.
7. KY 246, CONSTRUCT LEFT HALF OF FINAL TEMPLATE THROUGH FINAL BASE LAYER.



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: MAINTENANCE OF TRAFFIC PHASE IB - KY 176

HORIZONTAL SCALE SCALE: 1" = 50'

0' 50' 100' 200'

STA 93+00 TO 105+40

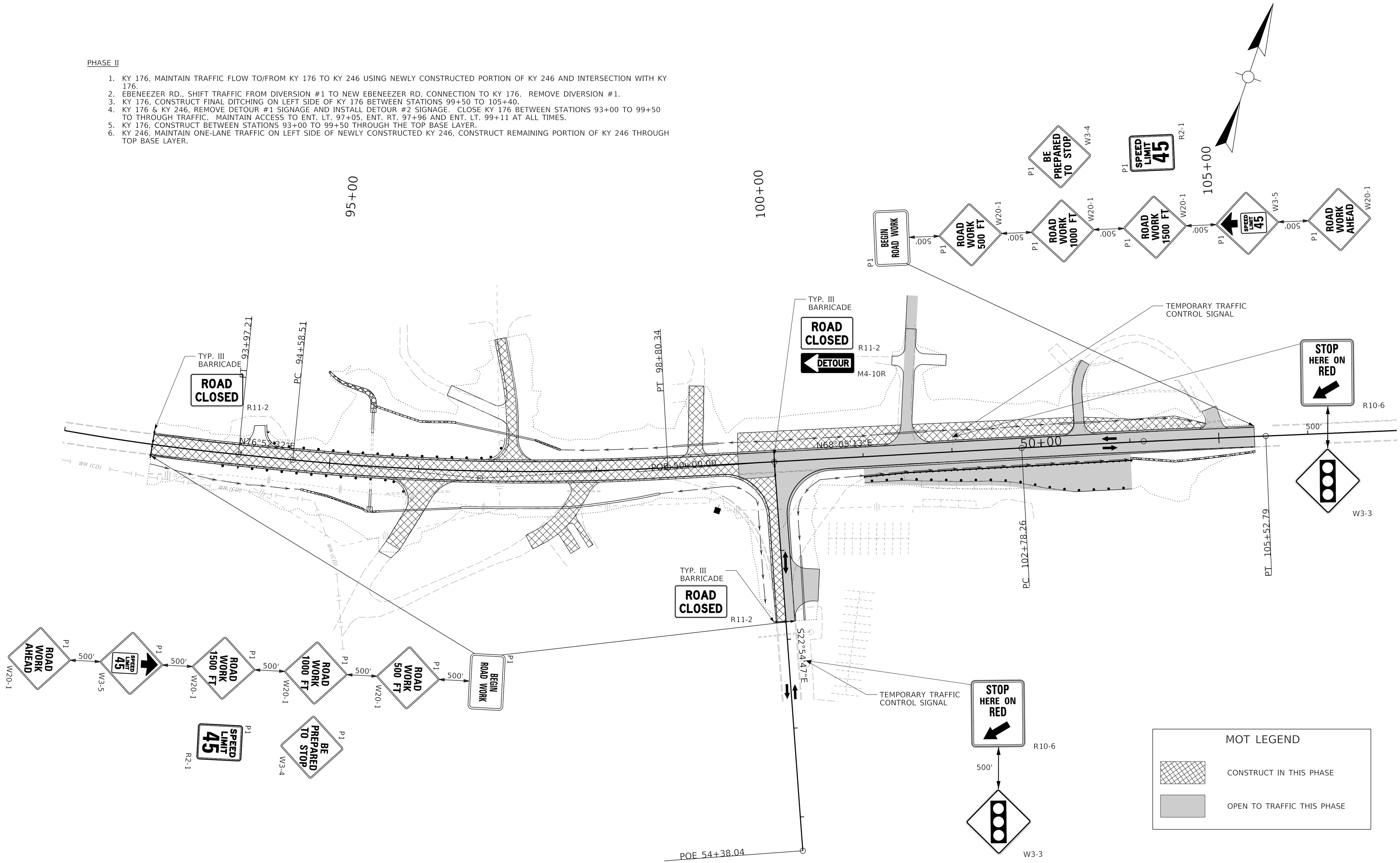
ITEM NO. 02-80100.00 COUNTY OF MUHLENBERG

SHEET NO. R29

OpenRoads Designer v10.16.0.80 USER: kgreulach DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORKINGDIR\AEI-PW.BENTLEY.COM_AEI-PW-01\KGREULACH@AEI.CC\DMS17957\02_80100_00_R_MOT.DGN

PHASE II

1. KY 176, MAINTAIN TRAFFIC FLOW TO/FROM KY 176 TO KY 246 USING NEWLY CONSTRUCTED PORTION OF KY 246 AND INTERSECTION WITH KY 176.
2. EBENEEZER RD., SHIFT TRAFFIC FROM DIVERSION #1 TO NEW EBENEEZER RD. CONNECTION TO KY 176. REMOVE DIVERSION #1.
3. KY 176, CONSTRUCT FINAL DITCHING ON LEFT SIDE OF KY 176 BETWEEN STATIONS 99+50 TO 105+40.
4. KY 176 & KY 246, REMOVE DETOUR #1 SIGNAGE AND INSTALL DETOUR #2 SIGNAGE. CLOSE KY 176 BETWEEN STATIONS 93+00 TO 99+50 TO THROUGH TRAFFIC. MAINTAIN ACCESS TO ENT. LT. 97+05, ENT. RT. 97+96 AND ENT. LT. 99+11 AT ALL TIMES.
5. KY 176, CONSTRUCT BETWEEN STATIONS 93+00 TO 99+50 THROUGH THE TOP BASE LAYER.
6. KY 246, MAINTAIN ONE-LANE TRAFFIC ON LEFT SIDE OF NEWLY CONSTRUCTED KY 246, CONSTRUCT REMAINING PORTION OF KY 246 THROUGH TOP BASE LAYER.



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: MAINTENANCE OF TRAFFIC PHASE II - KY 176

HORIZONTAL SCALE SCALE: 1" = 50'

0' 50' 100' 200'

STA 93+00 TO 105+40

ITEM NO. 02-80100.00 COUNTY OF MUHLENBERG

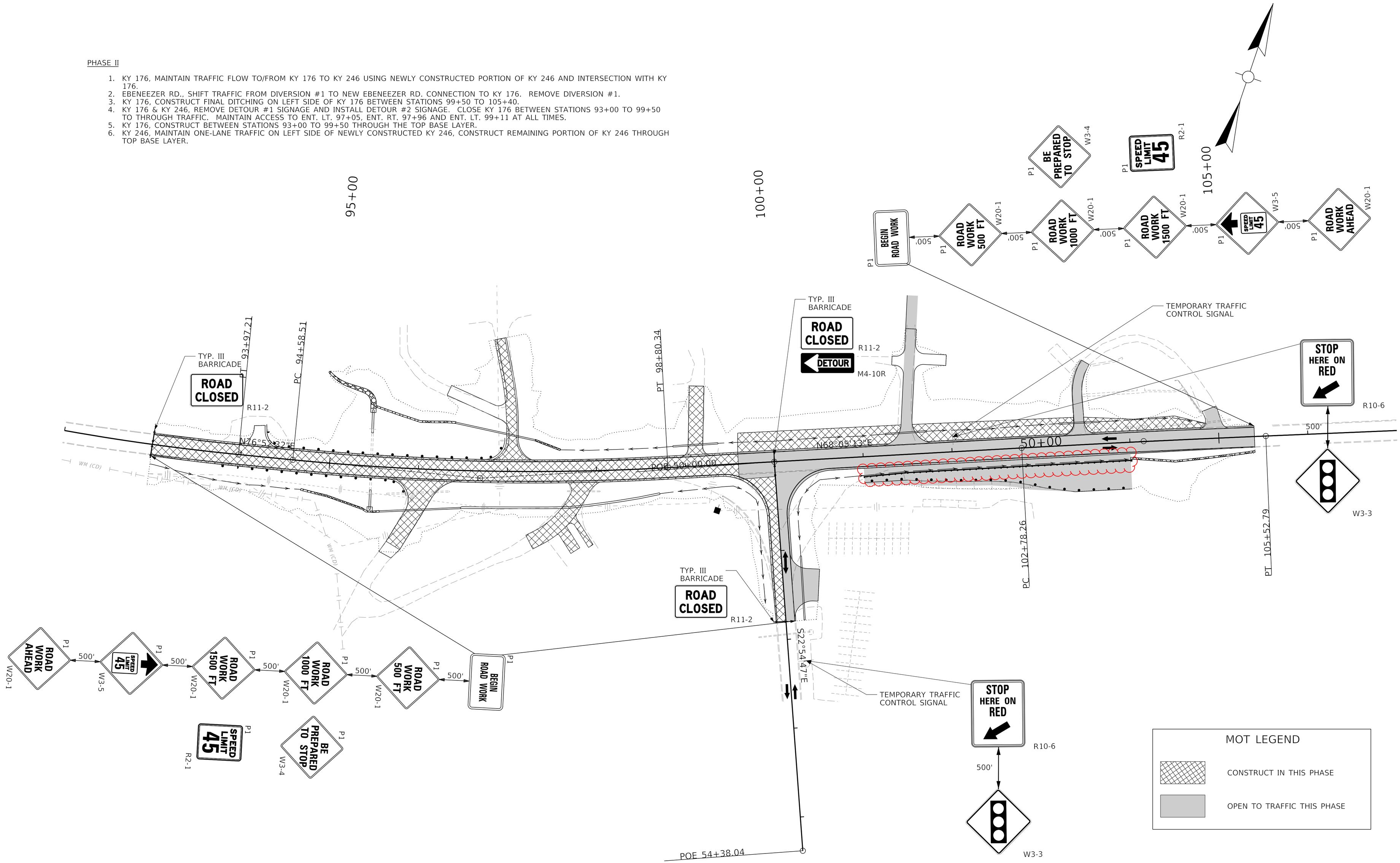
SHEET NO. R30

OpenRoads Designer v10.16.0.80 USER: kgreulach DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORKINGDIR\AEI-PW.BENTLEY.COM_AEI-PW-01\KGREULACH@AEI.CC\DMS17957\02_80100_00_R_MOT.DGN

REVISED 07-22-2025

PHASE II

1. KY 176, MAINTAIN TRAFFIC FLOW TO/FROM KY 176 TO KY 246 USING NEWLY CONSTRUCTED PORTION OF KY 246 AND INTERSECTION WITH KY 176.
2. EBENEEZER RD., SHIFT TRAFFIC FROM DIVERSION #1 TO NEW EBENEEZER RD. CONNECTION TO KY 176. REMOVE DIVERSION #1.
3. KY 176, CONSTRUCT FINAL DITCHING ON LEFT SIDE OF KY 176 BETWEEN STATIONS 99+50 TO 105+40.
4. KY 176 & KY 246, REMOVE DETOUR #1 SIGNAGE AND INSTALL DETOUR #2 SIGNAGE. CLOSE KY 176 BETWEEN STATIONS 93+00 TO 99+50 TO THROUGH TRAFFIC. MAINTAIN ACCESS TO ENT. LT. 97+05, ENT. RT. 97+96 AND ENT. LT. 99+11 AT ALL TIMES.
5. KY 176, CONSTRUCT BETWEEN STATIONS 93+00 TO 99+50 THROUGH THE TOP BASE LAYER.
6. KY 246, MAINTAIN ONE-LANE TRAFFIC ON LEFT SIDE OF NEWLY CONSTRUCTED KY 246, CONSTRUCT REMAINING PORTION OF KY 246 THROUGH TOP BASE LAYER.



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: MAINTENANCE OF TRAFFIC PHASE II - KY 176

HORIZONTAL SCALE SCALE: 1" = 50'

0' 50' 100' 200'

STA 93+00 TO 105+40

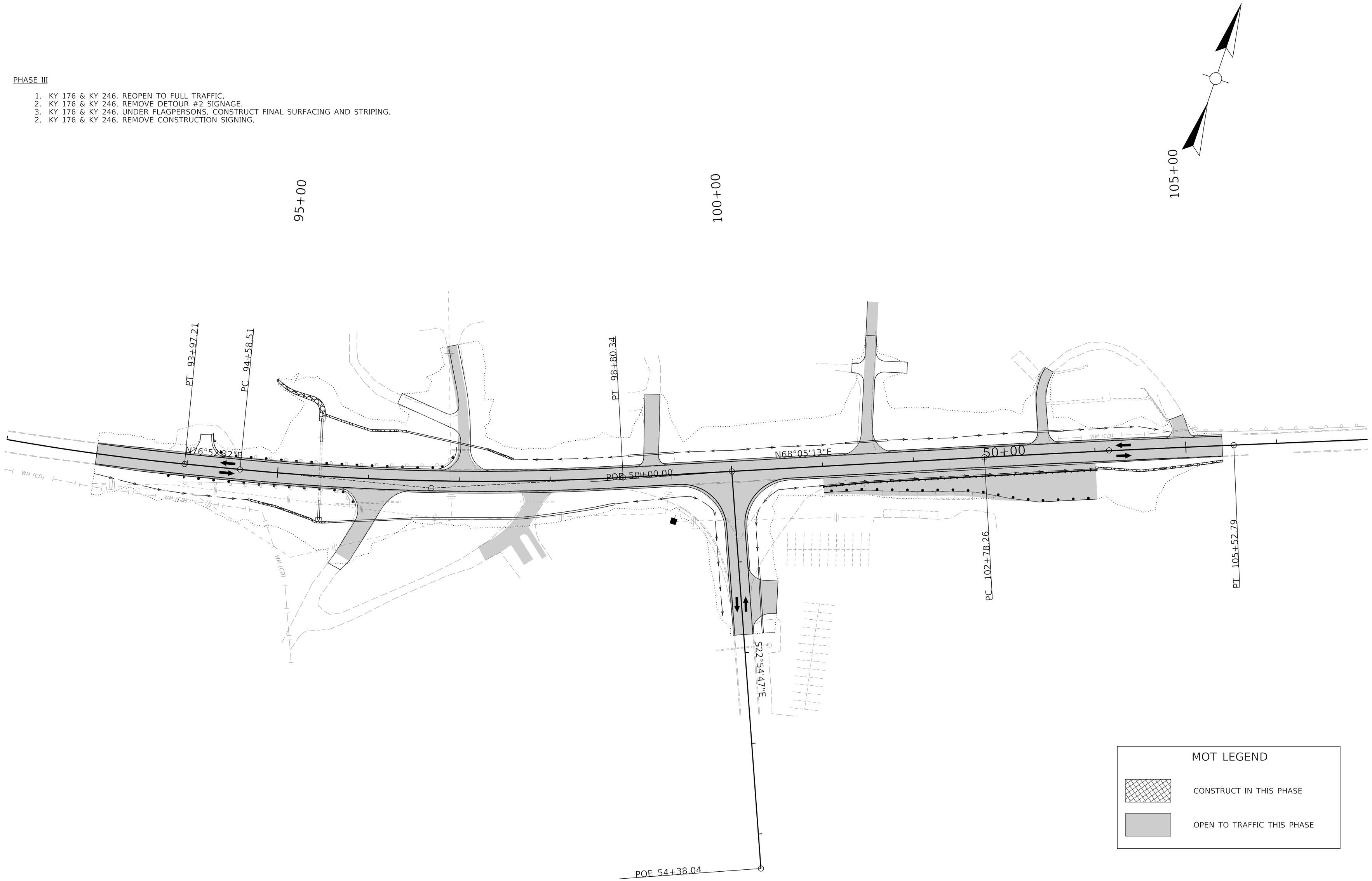
ITEM NO. 02-80100.00 COUNTY OF MUHLENBERG

SHEET NO. R30

OpenRoads Designer v10.16.0.80 USER: kgreulach DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORKINGDIR\AEI-PW.BENTLEY.COM_AEI-PW-01\KGREULACH@AEI.CC\DMS17957\02_80100_00_R_MOT.DGN

PHASE III

1. KY 176 & KY 246, REOPEN TO FULL TRAFFIC.
2. KY 176 & KY 246, REMOVE DETOUR #2 SIGNAGE.
3. KY 176 & KY 246, UNDER FLAGPERSONS, CONSTRUCT FINAL SURFACING AND STRIPING.
2. KY 176 & KY 246, REMOVE CONSTRUCTION SIGNING.



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: MAINTENANCE OF TRAFFIC PHASE III - KY 176

HORIZONTAL SCALE SCALE: 1" = 50'

0' 50' 100' 200'

STA 93+00 TO 105+40

ITEM NO. 02-80100.00

COUNTY OF MUHLENBERG

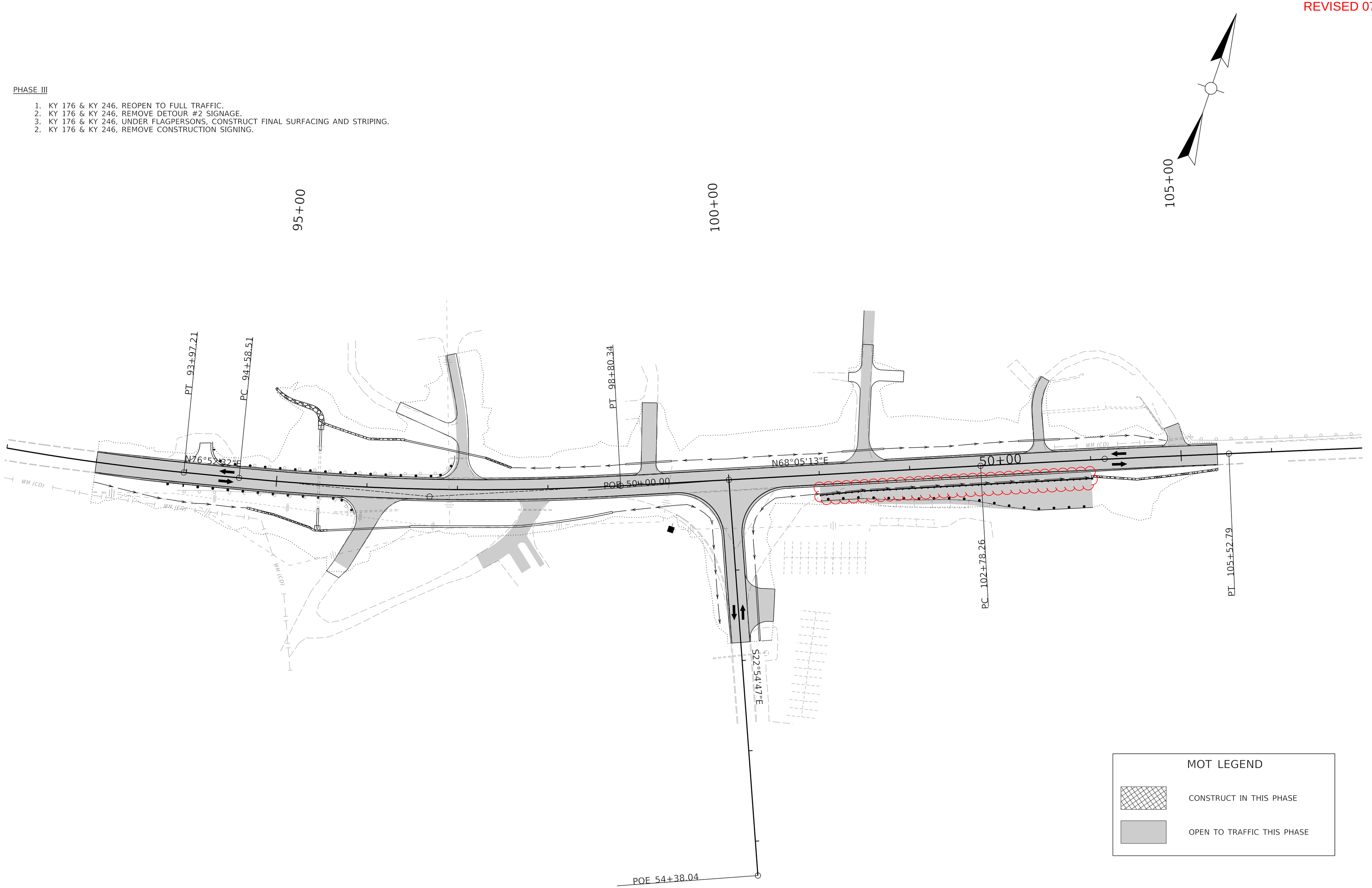
SHEET NO. R31

OpenRoads Designer v10.16.0.80 USER: kgreulach DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORKINGDIR\AEI-PW.BENTLEY.COM_AEI-PW-01\KGREULACH@AEI.CC\DMS17957\02_80100_00_R_MOT.DGN

REVISED 07-22-2025

PHASE III

1. KY 176 & KY 246, REOPEN TO FULL TRAFFIC.
2. KY 176 & KY 246, REMOVE DETOUR #2 SIGNAGE.
3. KY 176 & KY 246, UNDER FLAGPERSONS, CONSTRUCT FINAL SURFACING AND STRIPING.
2. KY 176 & KY 246, REMOVE CONSTRUCTION SIGNING.



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: MAINTENANCE OF TRAFFIC PHASE III - KY 176

HORIZONTAL SCALE SCALE: 1" = 50'

0' 50' 100' 200'

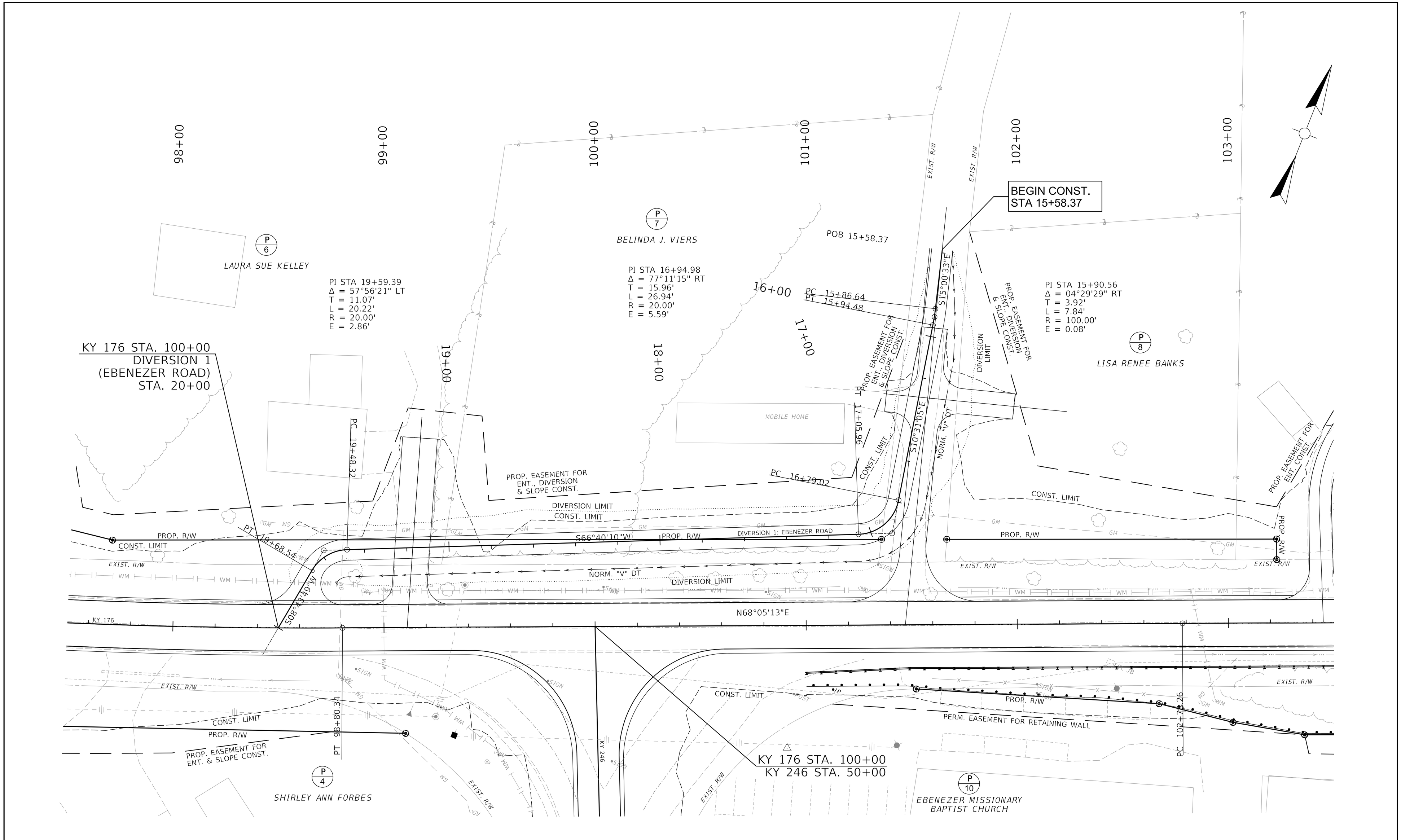
STA 93+00 TO 105+40

ITEM NO. 02-80100.00

COUNTY OF MUHLENBERG

SHEET NO. R31

OpenRoads Designer v10.16.0.80 USER: kgreulach DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORKINGDIR\AEI-PW.BENTLEY.COM_AEI-PW-01\KGREULACH@AEI.CC\DMS17957\02_80100_00_R_MOT.DGN



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: DIVERSION 1: EBENEZER ROAD PLAN SHEET

HORIZONTAL SCALE
SCALE: 1" = 50'

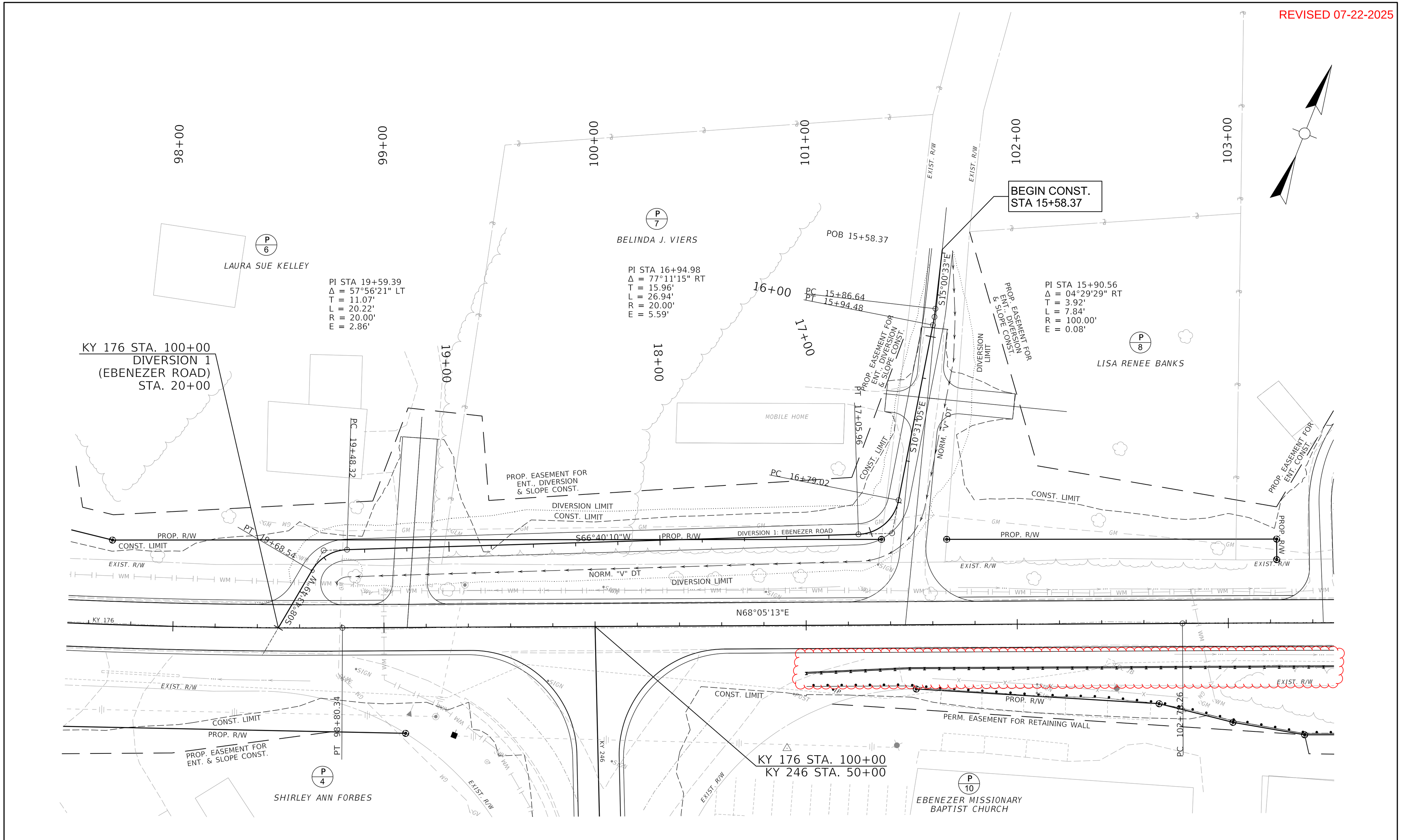
0' 50' 100' 200'

STA 15+58.37 TO 20+00

ITEM NO. 02-80100.00
COUNTY OF MUHLENBERG
SHEET NO. R32

OpenRoads Designer v10.16.0.80 USER: kgreulach DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORKINGDIR\AEI-PW.BENTLEY.COM_AEI-PW-01\KGREULACH@AEI.CC\DMS17949\02_80100_00_PLANPROF_SHEETS_DIVERSION1_EBENEZERRD.DGN

REVISED 07-22-2025



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: DIVERSION 1: EBENEZER ROAD PLAN SHEET

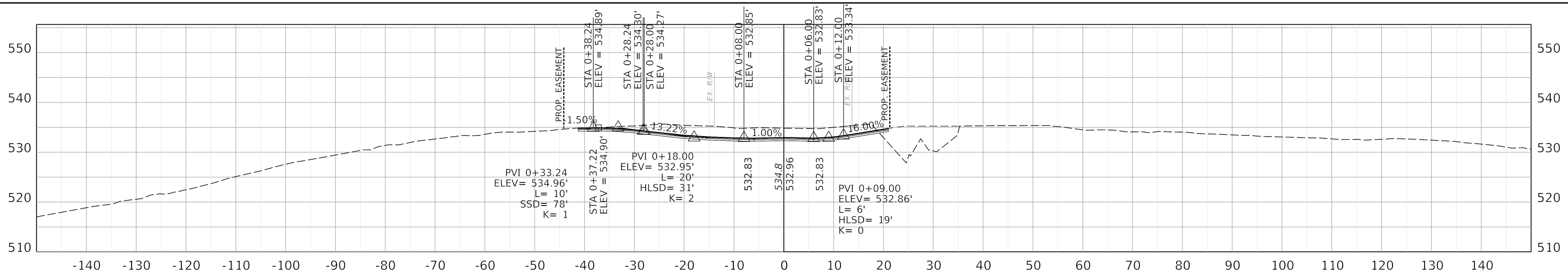
HORIZONTAL SCALE
SCALE: 1" = 50'

0' 50' 100' 200'

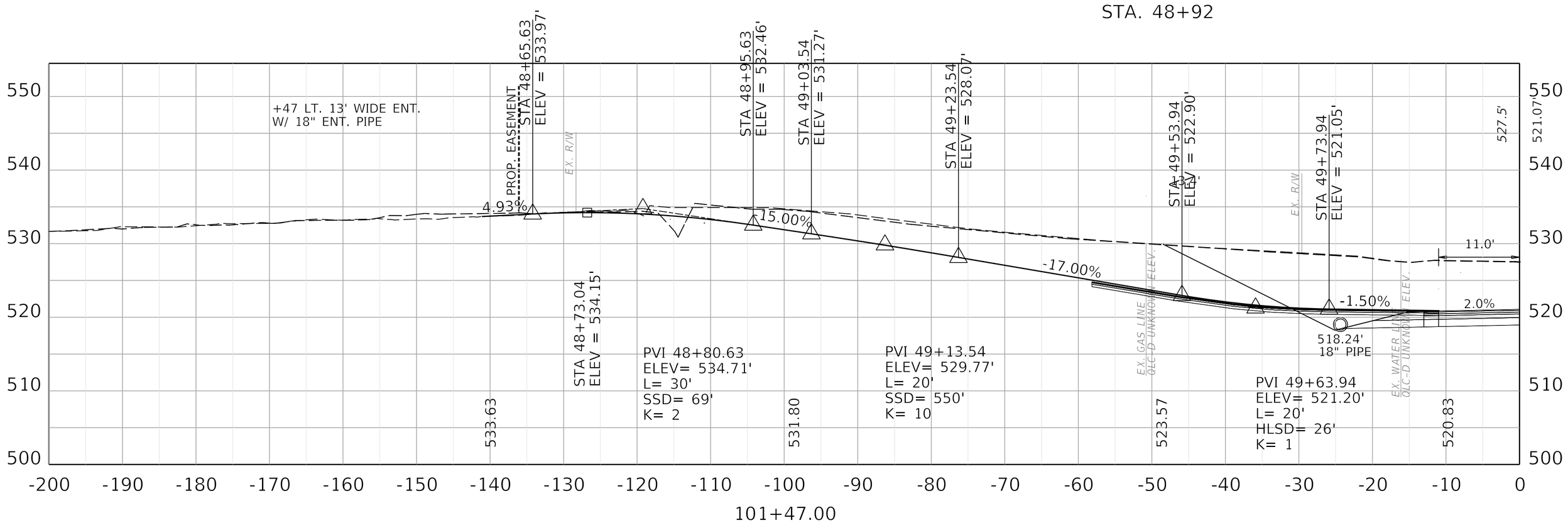
STA 15+58.37 TO 20+00

ITEM NO. 02-80100.00
COUNTY OF MUHLENBERG
SHEET NO. R32

OpenRoads Designer v10.16.0.80 USER: kgreulach DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORKINGDIR\AEI-PW.BENTLEY.COM_AEI-PW-01\KGREULACH@AEI.CC\DMS17949\02_80100_00_PLANPROF_SHEETS_DIVERSION1_EBENEZERRD.DGN

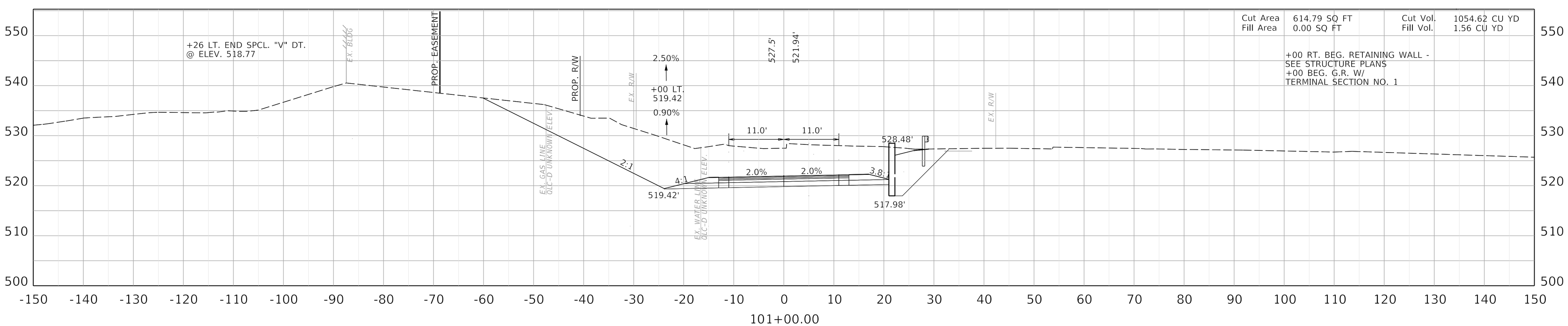


ENT. LT. 101+47.00
STA. 48+92



101+47.00

Cut Area	649.47 SQ FT	Cut Vol.	1100.38 CU YD
Fill Area	8.70 SQ FT	Fill Vol.	7.57 CU YD



Cut Area	614.79 SQ FT	Cut Vol.	1054.62 CU YD
Fill Area	0.00 SQ FT	Fill Vol.	1.56 CU YD

+00 RT. BEG. RETAINING WALL -
SEE STRUCTURE PLANS
+00 BEG. G.R. W/
TERMINAL SECTION NO. 1

101+00.00

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: KY 176 CROSS SECTIONS

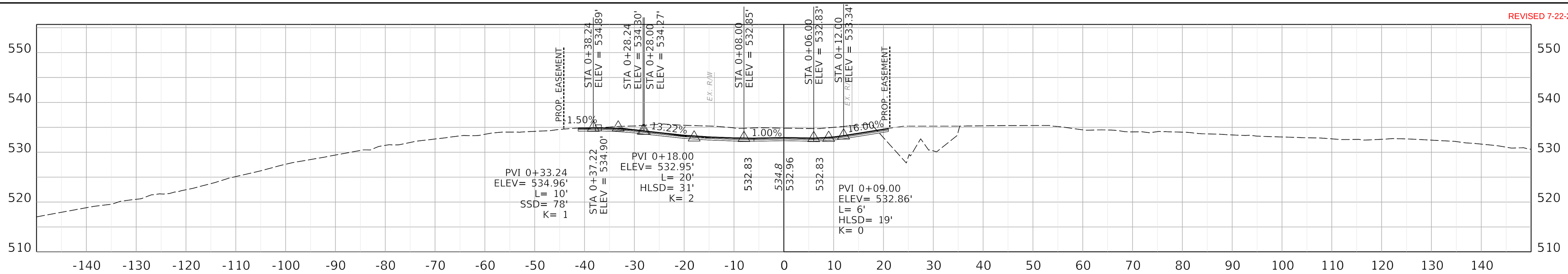
HORIZONTAL SCALE
SCALE: 1" = 10'

0' 10' 20' 40'

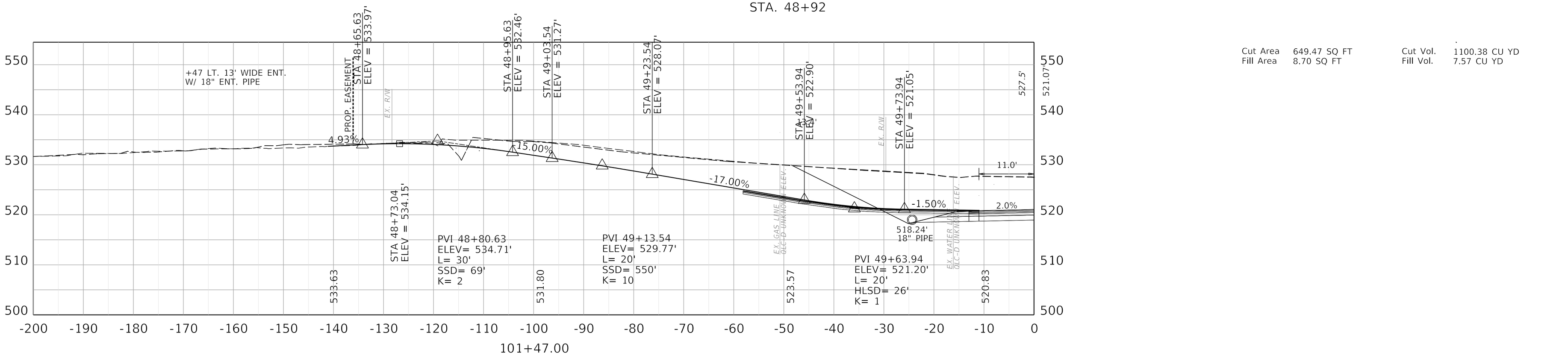
STA 101+00 TO 101+47

ITEM NO. 02-80100.00
COUNTY OF MUHLENBERG
SHEET NO. X10

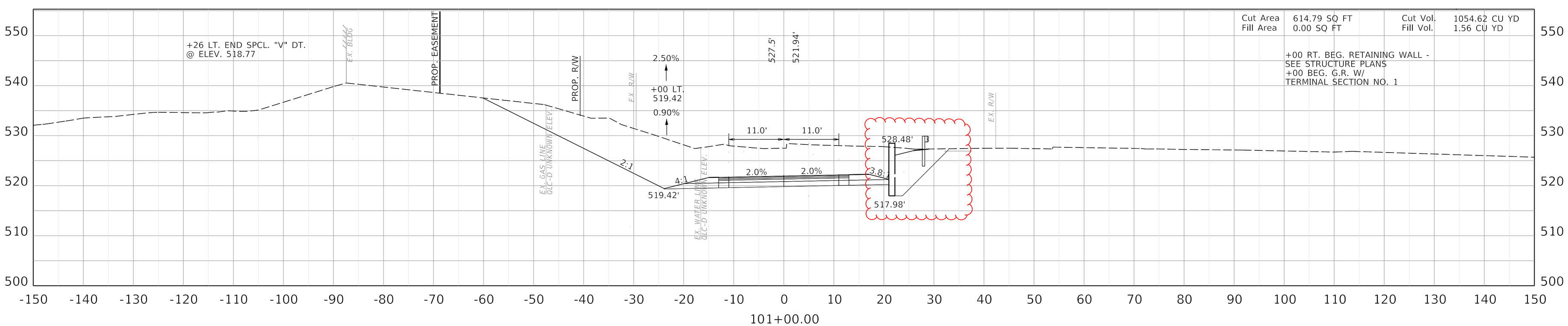
REVISED 7-22-2025



ENT. LT. 101+47.00
STA. 48+92



Cut Area	649.47 SQ FT	Cut Vol.	1100.38 CU YD
Fill Area	8.70 SQ FT	Fill Vol.	7.57 CU YD



Cut Area	614.79 SQ FT	Cut Vol.	1054.62 CU YD
Fill Area	0.00 SQ FT	Fill Vol.	1.56 CU YD

+00 RT. BEG. RETAINING WALL -
SEE STRUCTURE PLANS
+00 BEG. G.R. W/
TERMINAL SECTION NO. 1

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

KENTUCKY TRANSPORTATION CABINET

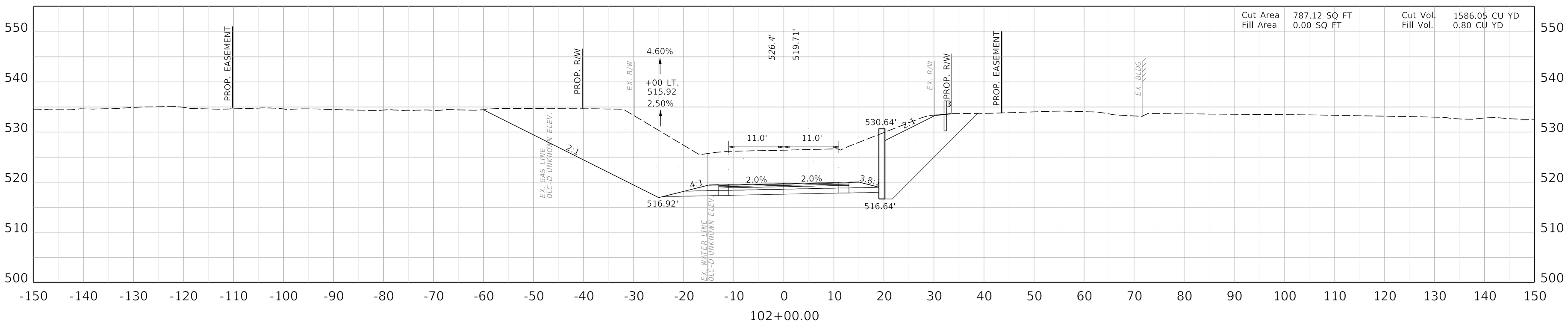
DRAWING TITLE: KY 176 CROSS SECTIONS

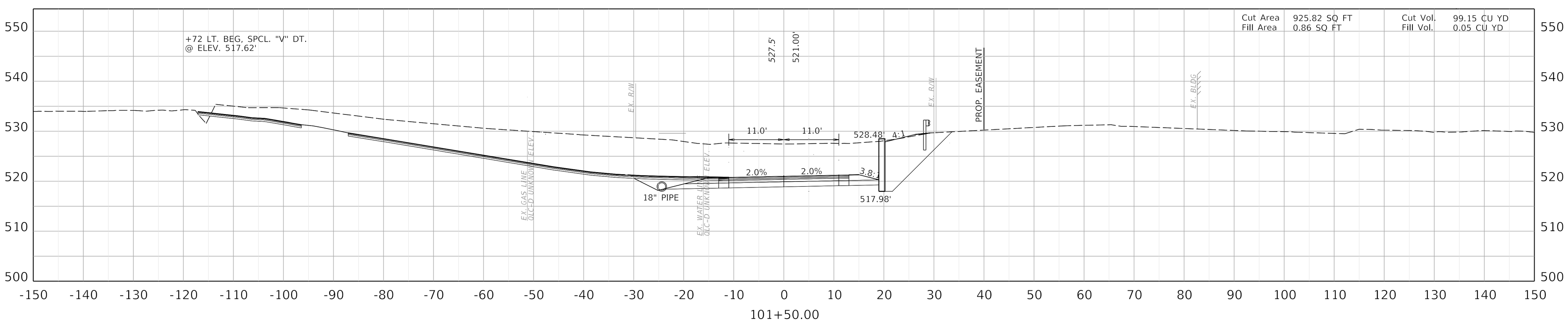
HORIZONTAL SCALE
SCALE: 1" = 10'

0' 10' 20' 40'

STA 101+00 TO 101+47

ITEM NO. 02-80100.00
COUNTY OF MUHLENBERG
SHEET NO. X10





COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: KY 176 CROSS SECTIONS

HORIZONTAL SCALE
SCALE: 1" = 10'

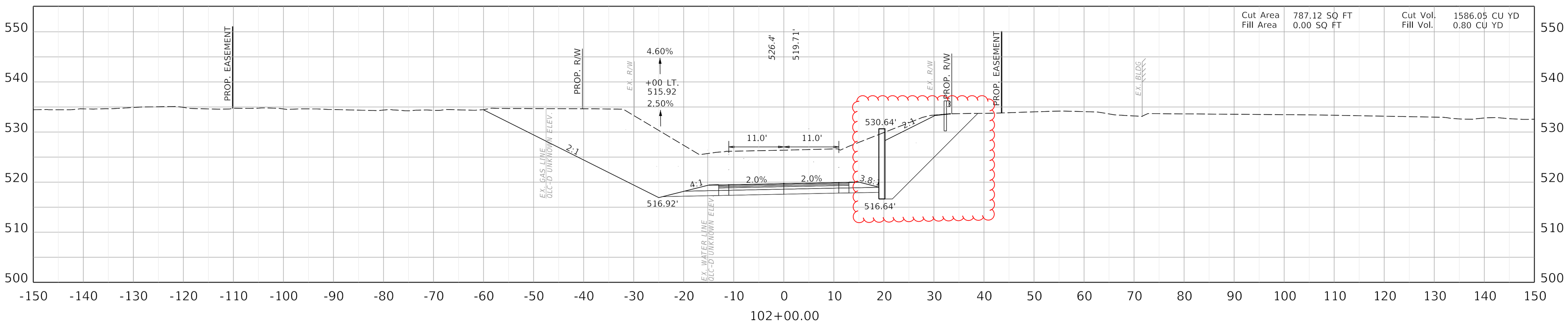
0' 10' 20' 40'

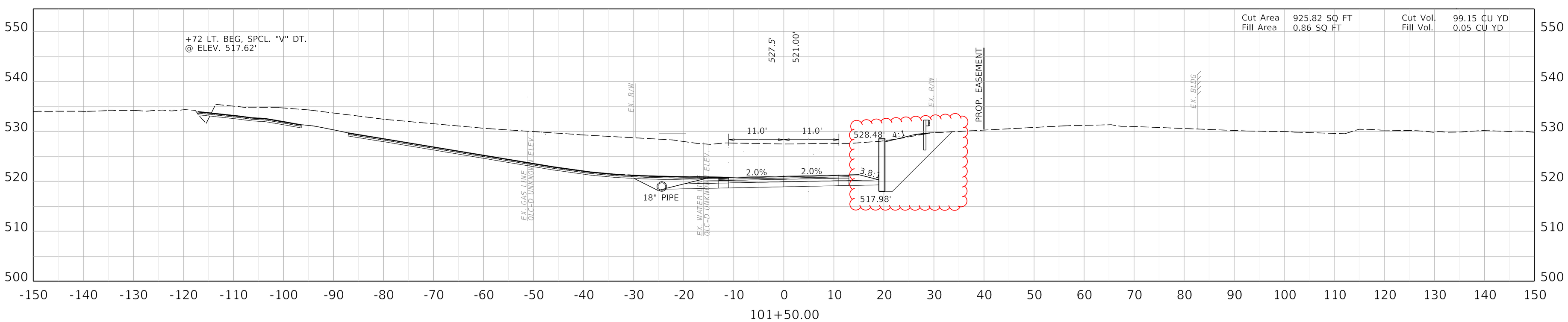
STA 101+50 TO 102+00

ITEM NO. 02-80100.00
COUNTY OF MUHLENBERG
SHEET NO. X11

OpenRoads Designer v10.16.0.80 USER: kwhite DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORKINGDIR\AEI-PW.BENTLEY.COM_AEI-PW-01\KWHITE@AEI.CC\DMS17957\02_80100_00_XSEC.DGN

REVISED 7-22-2025





COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: KY 176 CROSS SECTIONS

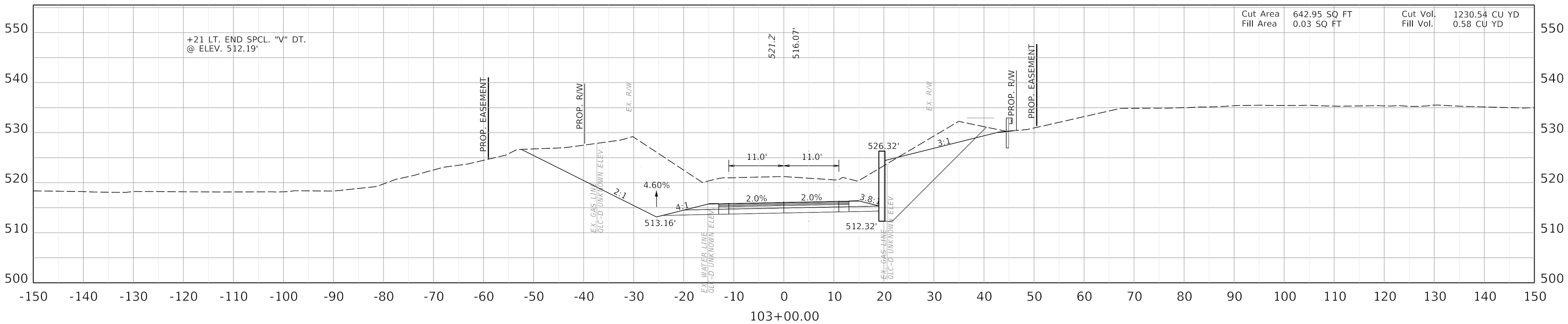
HORIZONTAL SCALE
SCALE: 1" = 10'

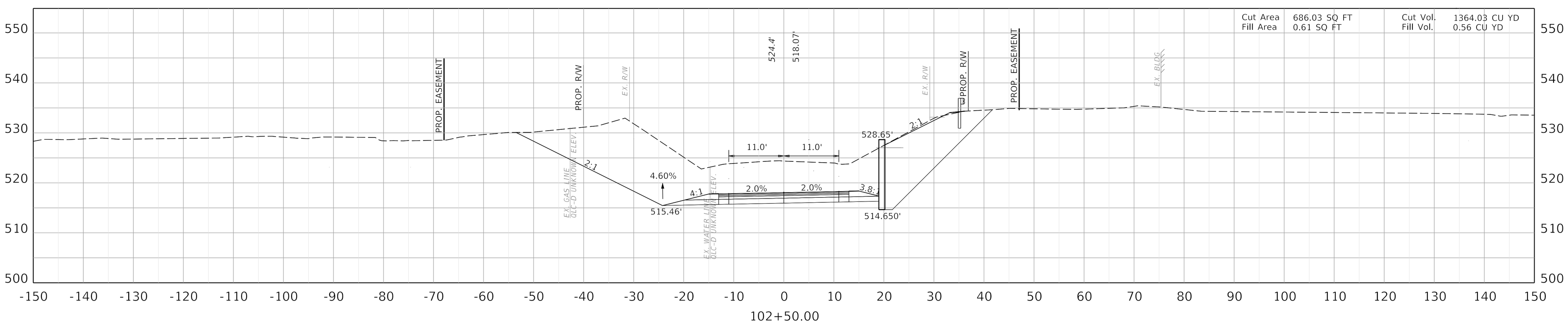
0' 10' 20' 40'

STA 101+50 TO 102+00

ITEM NO. 02-80100.00
COUNTY OF MUHLENBERG
SHEET NO. X11

OpenRoads Designer v10.16.0.80 USER: kwhite DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORKINGDIR\AEI-PW.BENTLEY.COM_AEI-PW-01\KWHITE@AEI.CC\DMS17957\02_80100_00_XSEC.DGN





COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: KY 176 CROSS SECTIONS

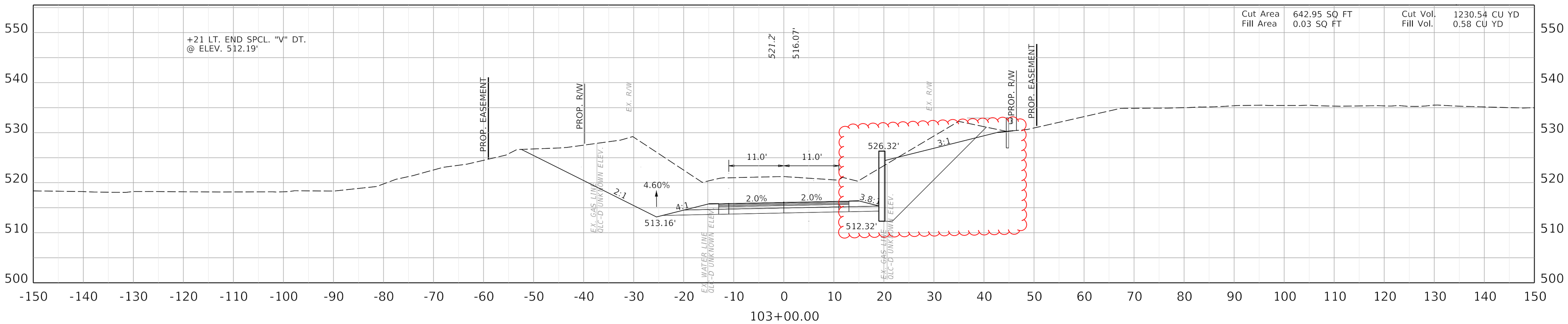
HORIZONTAL SCALE
SCALE: 1" = 10'

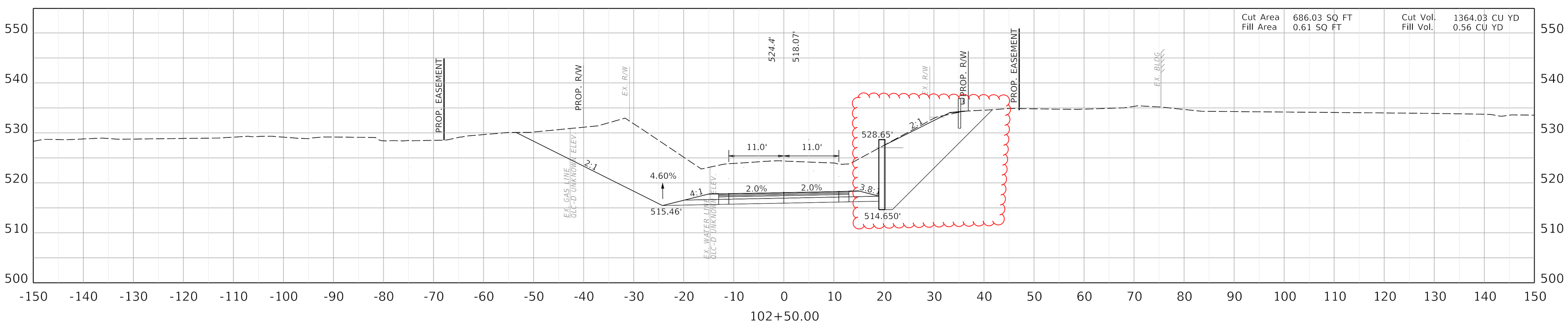
0' 10' 20' 40'

STA 102+50 TO 103+00

ITEM NO. 02-80100.00
COUNTY OF MUHLENBERG
SHEET NO. X12

REVISED 7-22-2025





COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: KY 176 CROSS SECTIONS

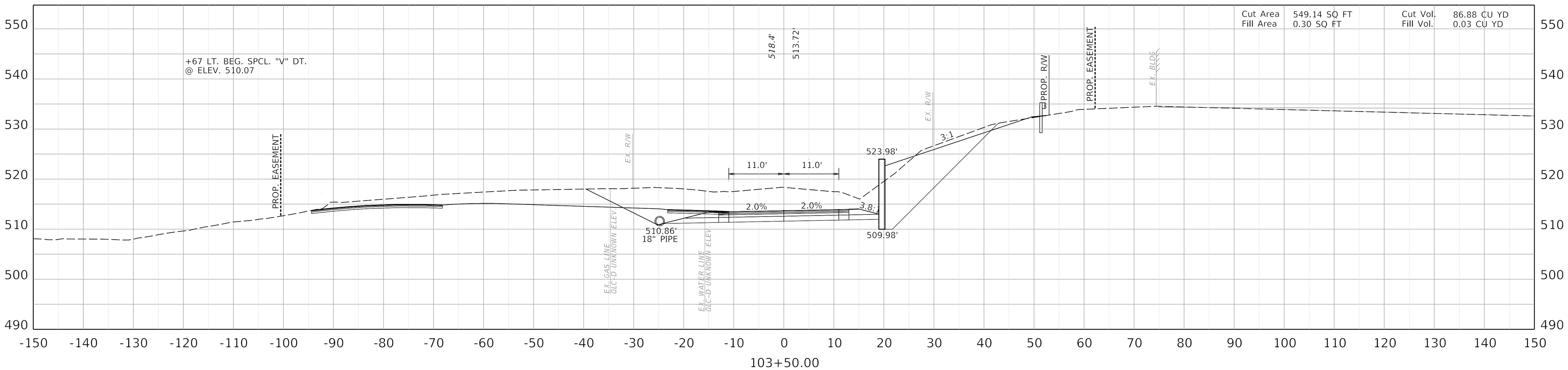
HORIZONTAL SCALE
SCALE: 1" = 10'

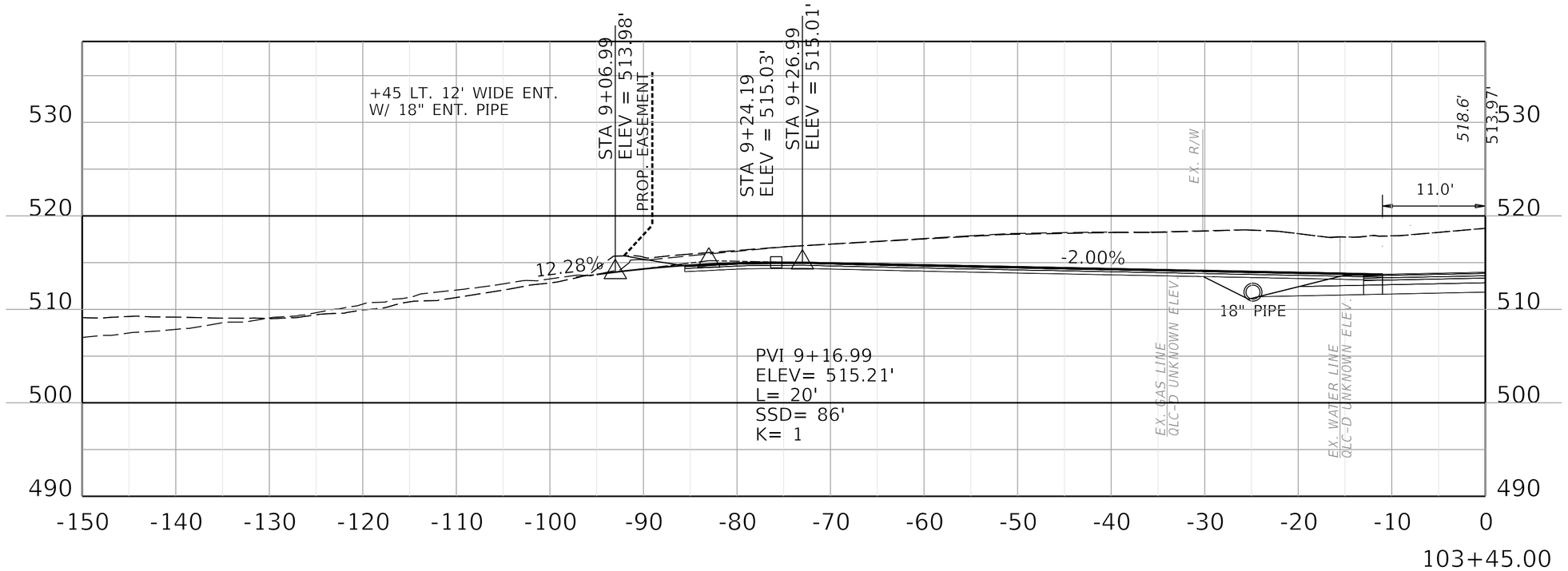
0' 10' 20' 40'

STA 102+50 TO 103+00

ITEM NO. 02-80100.00
COUNTY OF MUHLENBERG
SHEET NO. X12

OpenRoads Designer v10.16.0.80 USER: kwhite DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORKINGDIR\AEI-PW.BENTLEY.COM_AEI-PW-01\KWHITE@AEI.CC\DMS17957\02_80100_00_XSEC.DGN





Cut Area 389.14 SQ FT
Fill Area 0.01 SQ FT
Cut Vol. 860.08 CU YD
Fill Vol. 0.03 CU YD

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: KY 176 CROSS SECTIONS

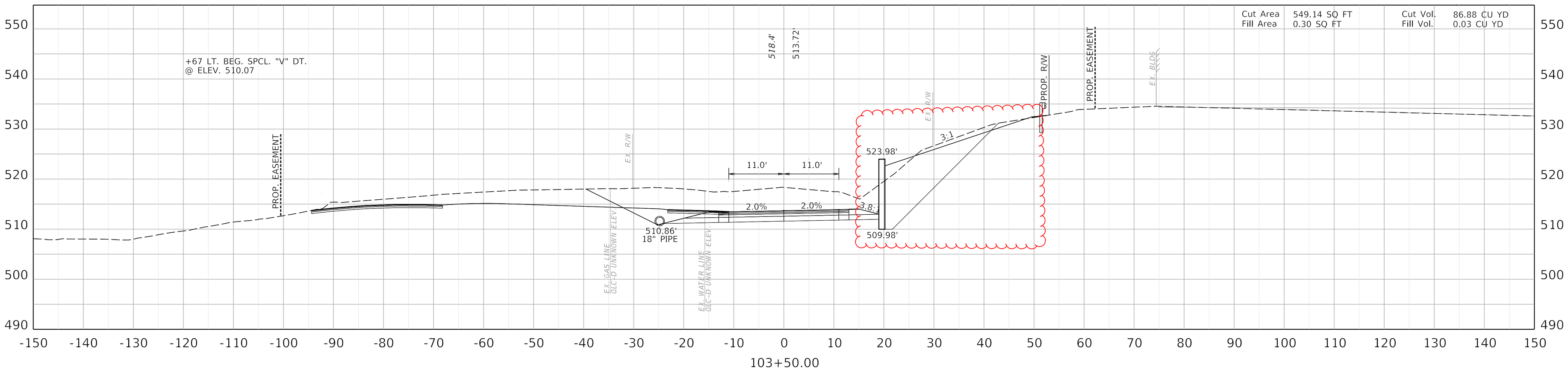
HORIZONTAL SCALE
SCALE: 1" = 10'

0' 10' 20' 40'

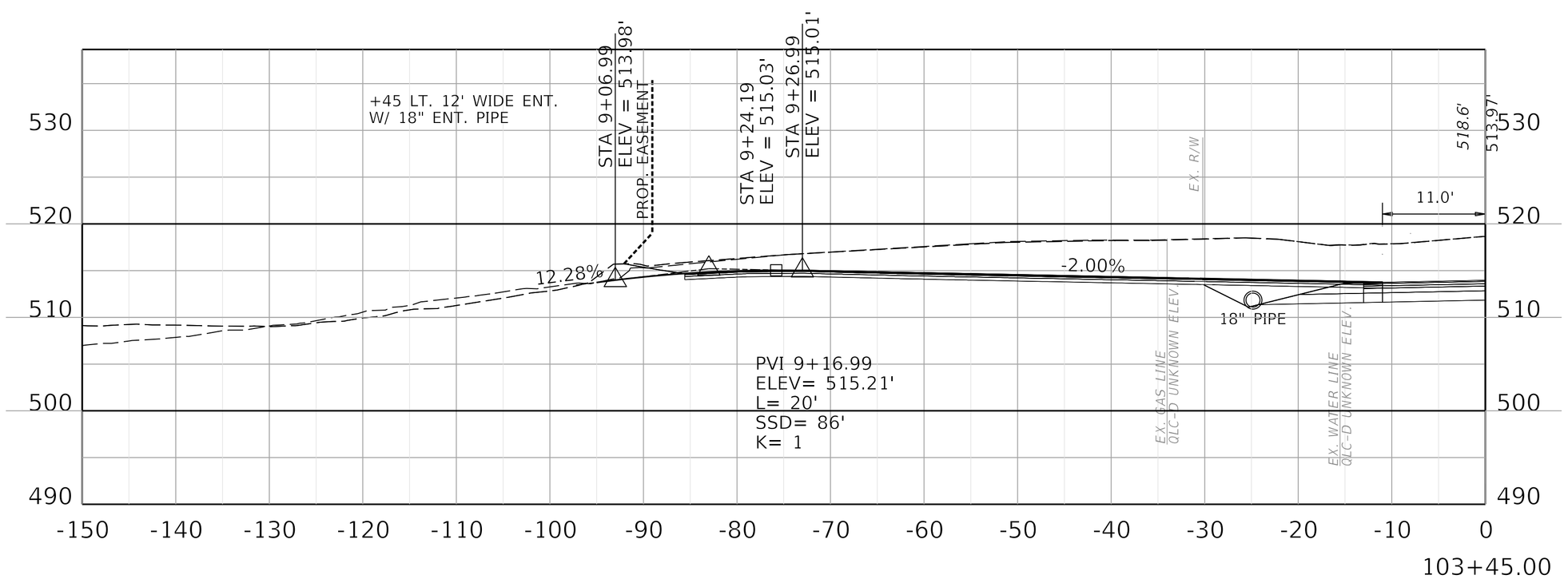
STA 103+45 TO 103+50

ITEM NO. 02-80100.00
COUNTY OF MUHLENBERG
SHEET NO. X13

REVISED 7-22-2025



Cut Area	549.14 SQ FT	Cut Vol.	86.88 CU YD
Fill Area	0.30 SQ FT	Fill Vol.	0.03 CU YD



Cut Area	389.14 SQ FT	Cut Vol.	860.08 CU YD
Fill Area	0.01 SQ FT	Fill Vol.	0.03 CU YD

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

KENTUCKY TRANSPORTATION CABINET

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HORIZONTAL SCALE
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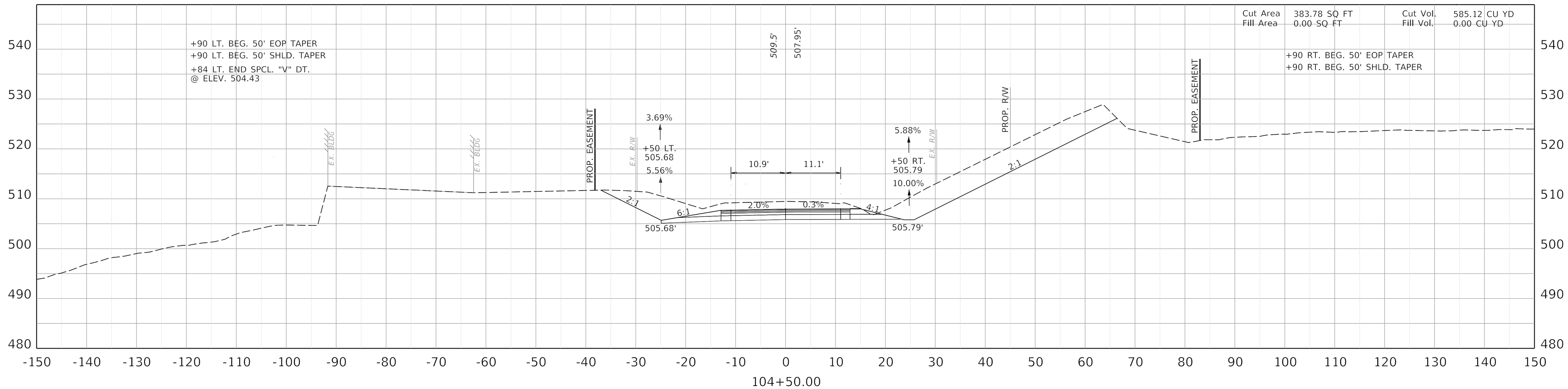
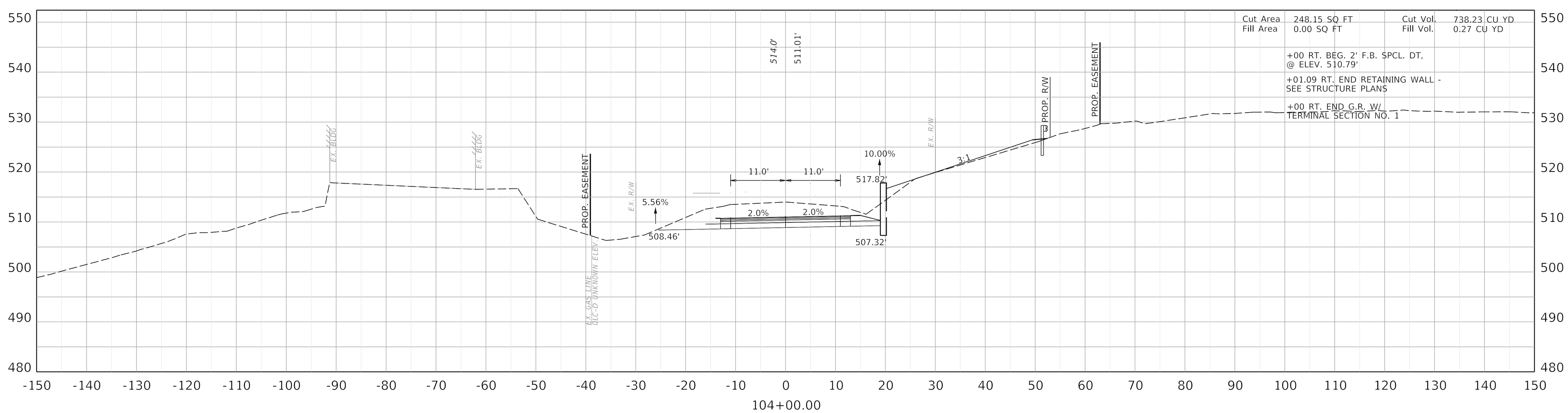
STA 103+45 TO 103+50

ITEM NO. 02-80100.00
COUNTY OF MUHLENBERG
SHEET NO. X13

REVISED 7-22-2025





COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

KENTUCKY TRANSPORTATION CABINET

DRAWING TITLE: KY 176 CROSS SECTIONS

HORIZONTAL SCALE
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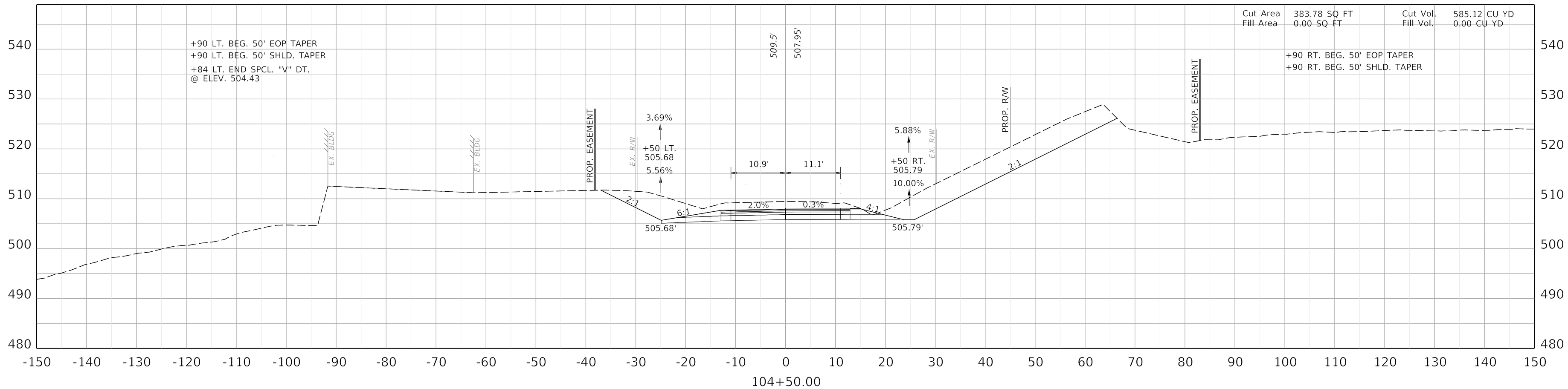
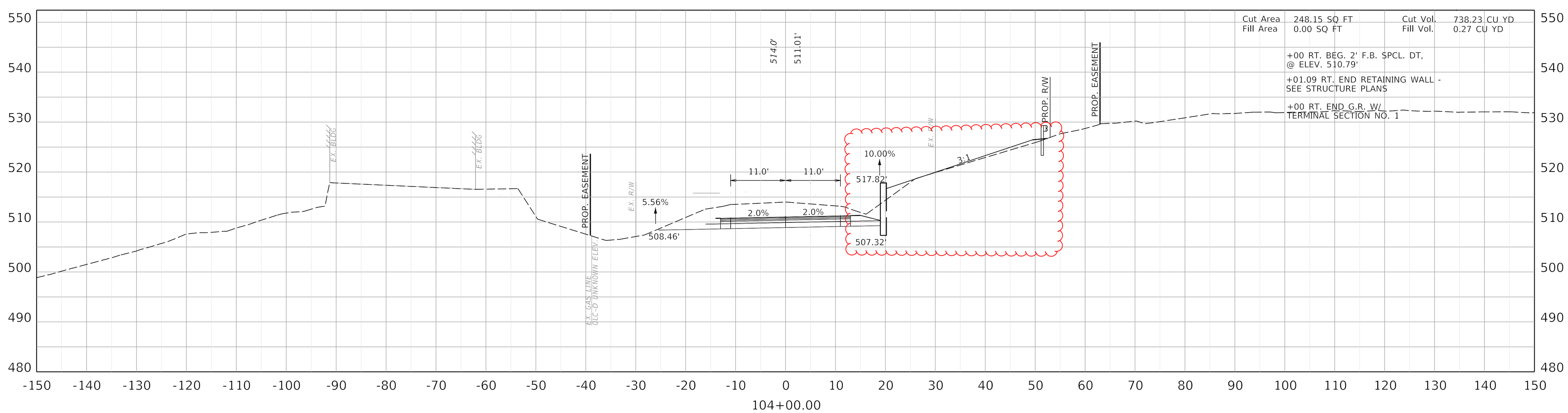
STA 104+00 TO 104+50

ITEM NO. 02-80100.00
COUNTY OF MUHLENBERG
SHEET NO. X14

OpenRoads Designer v10.16.0.80 USER: kwhite DATE PLOTTED: 9/7/2005 7:08:02 PM FILE NAME: C:\PWWORKINGDIR\AEI-PW.BENTLEY.COM_AEI-PW-01\KWHITE@AEI.CC\DMS17957\02_80100_00_XSEC.DGN

REVISED 7-22-2025





COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

KENTUCKY TRANSPORTATION CABINET

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