



COMMONWEALTH OF KENTUCKY
TRANSPORTATION CABINET

transportation.ky.gov

Andy Beshear
GOVERNOR

Jim Gray
SECRETARY

March 20, 2026

CALL NO. 112
CONTRACT ID NO. 261116
ADDENDUM # 1

Subject: Muhlenberg County, STP 6000(178)
Letting March 26, 2026

- (1) Revised - Proposal Bid Items Pages 182-185 of 185
- (2) Revised - Plan Sheets R2E, R55, R56, R66 - R75

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,

A handwritten signature in black ink that reads "Rachel Mills". The signature is written in a cursive, flowing style.

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

RM:ce
Enclosures

261116

Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00003		CRUSHED STONE BASE	14,226.00	TON		\$	
0020	00008		CEMENT STABILIZED ROADBED	5,609.00	SQYD		\$	
0030	00020		TRAFFIC BOUND BASE	100.00	TON		\$	
0040	00100		ASPHALT SEAL AGGREGATE	30.00	TON		\$	
0050	00103		ASPHALT SEAL COAT	4.00	TON		\$	
0060	00190		LEVELING & WEDGING PG64-22	708.00	TON		\$	
0070	00212		CL2 ASPH BASE 1.00D PG64-22	8,259.00	TON		\$	
0080	00301		CL2 ASPH SURF 0.38D PG64-22	3,783.00	TON		\$	
0090	00358		ASPHALT CURING SEAL	8.00	TON		\$	
0100	02101		CEM CONC ENT PAVEMENT-8 IN	1,537.00	SQYD		\$	
0110	02542		CEMENT	161.00	TON		\$	
0120	02702		SAND FOR BLOTTER	20.00	TON		\$	
0130	20071EC		JOINT ADHESIVE	14,744.00	LF		\$	
0140	24970EC		ASPHALT MATERIAL FOR TACK NON-TRACKING	18.00	TON		\$	
0150	26248EC		ELECTRONIC DELIVERY MGMT SYSTEM - AGG	1.00	LS		\$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0160	00078		CRUSHED AGGREGATE SIZE NO 2	1,862.00	TON		\$	
0170	01000		PERFORATED PIPE-4 IN	266.00	LF		\$	
0180	01010		NON-PERFORATED PIPE-4 IN	178.00	LF		\$	
0190	01015		INSPECT & CERTIFY EDGE DRAIN SYSTEM	1.00	LS		\$	
0200	01020		PERF PIPE HEADWALL TY 1-4 IN	3.00	EACH		\$	
0210	01028		PERF PIPE HEADWALL TY 3-4 IN	3.00	EACH		\$	
0220	01310		REMOVE PIPE	2,426.00	LF		\$	
0230	02014		BARRICADE-TYPE III	4.00	EACH		\$	
0240	02159		TEMP DITCH	6,499.00	LF		\$	
0250	02160		CLEAN TEMP DITCH	3,251.00	LF		\$	
0260	02200		ROADWAY EXCAVATION	56,829.00	CUYD		\$	
0270	02242		WATER	1,118.00	MGAL		\$	
0280	02429		RIGHT-OF-WAY MONUMENT TYPE 1	98.00	EACH		\$	
0290	02432		WITNESS POST	49.00	EACH		\$	
0300	02483		CHANNEL LINING CLASS II	150.00	TON		\$	
0310	02484		CHANNEL LINING CLASS III	218.00	TON		\$	
0320	02545		CLEARING AND GRUBBING APPROX 24.97 ACRES	1.00	LS		\$	
0330	02562		TEMPORARY SIGNS	600.00	SQFT		\$	
0340	02585		EDGE KEY	377.00	LF		\$	
0350	02602		FABRIC-GEOTEXTILE CLASS 1	13,693.00	SQYD		\$	
0360	02607		FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	1,229.00	SQYD	\$2.00	\$	\$2,458.00
0370	02608		FABRIC-GEOTEXTILE CLASS 4A	19,560.00	SQYD		\$	

261116

PROPOSAL BID ITEMS

Report Date 3/20/26

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0380	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0390	02671		PORTABLE CHANGEABLE MESSAGE SIGN	4.00	EACH		\$	
0400	02697		EDGE LINE RUMBLE STRIPS	34,864.00	LF		\$	
0410	02701		TEMP SILT FENCE	6,499.00	LF		\$	
0420	02703		SILT TRAP TYPE A	30.00	EACH		\$	
0430	02704		SILT TRAP TYPE B	30.00	EACH		\$	
0440	02705		SILT TRAP TYPE C	30.00	EACH		\$	
0450	02706		CLEAN SILT TRAP TYPE A	30.00	EACH		\$	
0460	02707		CLEAN SILT TRAP TYPE B	30.00	EACH		\$	
0470	02708		CLEAN SILT TRAP TYPE C	30.00	EACH		\$	
0480	02726		STAKING	1.00	LS		\$	
0490	05950		EROSION CONTROL BLANKET	131,806.00	SQYD		\$	
0500	05952		TEMP MULCH	86,685.00	SQYD		\$	
0510	05953		TEMP SEEDING AND PROTECTION	65,015.00	SQYD		\$	
0520	05963		INITIAL FERTILIZER	13.70	TON		\$	
0530	05964		MAINTENANCE FERTILIZER	7.00	TON		\$	
0540	05985		SEEDING AND PROTECTION	68,122.00	SQYD		\$	
0550	05992		AGRICULTURAL LIMESTONE	80.90	TON		\$	
0560	06510		PAVE STRIPING-TEMP PAINT-4 IN	46,822.00	LF		\$	
0570	06514		PAVE STRIPING-PERM PAINT-4 IN	46,822.00	LF		\$	
0580	06568		PAVE MARKING-THERMO STOP BAR-24IN	94.00	LF		\$	
0590	06574		PAVE MARKING-THERMO CURV ARROW	6.00	EACH		\$	
0600	10020NS		FUEL ADJUSTMENT	34,655.00	DOLL	\$1.00	\$	\$34,655.00
0610	10030NS		ASPHALT ADJUSTMENT	46,974.00	DOLL	\$1.00	\$	\$46,974.00
0620	20458ES403		CENTERLINE RUMBLE STRIPS	11,736.00	LF		\$	
0630	21289ED		LONGITUDINAL EDGE KEY	18,205.00	LF		\$	
0640	22400NN		REMOVE AND RELOCATE SIGN ASSEMBLY	41.00	EACH		\$	
0650	23274EN11F		TURF REINFORCEMENT MAT 1	12,297.00	SQYD		\$	
0655	25072EC		RELOCATE TEMPORARY SIGNALS (ADDED 3-20-26)	1.00	LS		\$	

Section: 0003 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0660	00441		ENTRANCE PIPE-18 IN	642.00	LF		\$	
0670	00443		ENTRANCE PIPE-24 IN	176.00	LF		\$	
0680	00445		ENTRANCE PIPE-30 IN	392.00	LF		\$	
0690	00451		ENTRANCE PIPE-18 IN EQUIV	1,096.00	LF		\$	
0700	00462		CULVERT PIPE-18 IN	356.00	LF		\$	
0710	00464		CULVERT PIPE-24 IN	381.00	LF		\$	
0720	00466		CULVERT PIPE-30 IN	74.00	LF		\$	
0730	00468		CULVERT PIPE-36 IN	146.00	LF		\$	
0740	00469		CULVERT PIPE-42 IN	125.00	LF		\$	
0750	00491		CULVERT PIPE-18 IN EQUIV	69.00	LF		\$	
0760	01208		PIPE CULVERT HEADWALL-24 IN	1.00	EACH		\$	
0770	01212		PIPE CULVERT HEADWALL-36 IN	2.00	EACH		\$	
0780	01214		PIPE CULVERT HEADWALL-42 IN	4.00	EACH		\$	
0790	01433		SLOPED BOX OUTLET TYPE 1-18 IN	54.00	EACH		\$	
0800	01490		DROP BOX INLET TYPE 1	1.00	EACH		\$	

Report Date 3/20/26

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0810	01493		DROP BOX INLET TYPE 2	1.00	EACH		\$	
0820	01544		DROP BOX INLET TYPE 11	1.00	EACH		\$	
0830	01547		DROP BOX INLET TYPE 12	10.00	LF		\$	
0840	08100		CONCRETE-CLASS A	44.08	CUYD		\$	
0850	08150		STEEL REINFORCEMENT	379.00	LB		\$	
0860	23484EC		PIPE LINER ACCEPTANCE TESTING	1.00	LS		\$	
0870	24814EC		PIPELINE INSPECTION	698.00	LF		\$	
0880	24862EC		PVC FOLD AND FORM PIPE LINER-18 IN	89.00	LF		\$	
0890	24863EC		PVC FOLD AND FORM PIPE LINER-24 IN	531.00	LF		\$	
0900	24864EC		PVC FOLD AND FORM PIPE LINER-30 IN	129.00	LF		\$	
0910	24865EC		PVC FOLD AND FORM PIPE LINER-36 IN	151.00	LF		\$	
0920	26131ED		SLOPED AND MITERED HEADWALL-18 IN	46.00	EACH		\$	
0930	26132ED		SLOPED AND MITERED HEADWALL-24 IN	21.00	EACH		\$	
0940	26133ED		SLOPED AND MITERED HEADWALL-30 IN	14.00	EACH		\$	
0950	26134ED		SLOPED AND MITERED HEADWALL-36 IN	2.00	EACH		\$	

Section: 0004 - SINGLE 6.0' X 4.0' RCBC, STA. 94+31.00, DRAWING NO. 28999

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0960	08002		STRUCTURE EXCAV-SOLID ROCK	13.00	CUYD		\$	
0970	08003		FOUNDATION PREPARATION	1.00	LS		\$	
0980	08100		CONCRETE-CLASS A	88.80	CUYD		\$	
0990	08150		STEEL REINFORCEMENT	8,124.00	LB		\$	

Section: 0005 - SINGLE 7.0' X 4.0' RCBC, STA. 99+34.00, DRAWING NO. 29000

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1000	08002		STRUCTURE EXCAV-SOLID ROCK	13.00	CUYD		\$	
1010	08003		FOUNDATION PREPARATION	1.00	LS		\$	
1020	08100		CONCRETE-CLASS A	91.20	CUYD		\$	
1030	08150		STEEL REINFORCEMENT	9,514.00	LB		\$	

Section: 0006 - SEWER LINE FORCE MAIN

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1040	03269		TRIM & REMOVE TREES & BRUSH	300.00	LF		\$	
1050	15030		S FORCE MAIN DIRECTIONAL BORE	3,036.00	LF		\$	
1060	15123		S LINE MARKER	30.00	EACH		\$	
1070	15155		S CAP EXISTING MAIN	2.00	EACH		\$	
1080	15507		S FORCE MAIN AIR RLS/VAC VLV 02 IN INST	4.00	EACH		\$	
1090	15553		S FORCE MAIN TIE-IN 06 INCH INST	2.00	EACH		\$	
1100	40095		SEEDING AND MULCHING	1.00	ACRE		\$	

Section: 0007 - WATERLINE

Report Date 3/20/26

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1110	14001		W AIR RELEASE VALVE 3/4 INCH	2.00	EACH		\$	
1120	14003		W CAP EXISTING MAIN	8.00	EACH		\$	
1130	14004		W DIRECTIONAL BORE	303.00	LF		\$	
1140	14008		W ENCASEMENT STEEL BORED RANGE 3	212.00	LF		\$	
1150	14014		W ENCASEMENT STEEL OPEN CUT RANGE 3	40.00	LF		\$	
1160	14022		W FLUSH HYDRANT ASSEMBLY	3.00	EACH		\$	
1170	14030		W METER RELOCATE	69.00	EACH		\$	
1180	14057		W PIPE PVC 03 INCH	24.00	LF		\$	
1190	14058		W PIPE PVC 04 INCH	11,086.00	LF		\$	
1200	14059		W PIPE PVC 06 INCH	189.00	LF		\$	
1210	14080		W SERV PE/PLST LONG SIDE 3/4 IN	32.00	EACH		\$	
1220	14085		W SERV PE/PLST SHORT SIDE 3/4 IN	37.00	EACH		\$	
1230	14089		W TAPPING SLEEVE AND VALVE SIZE 1	8.00	EACH		\$	
1240	14092		W TIE-IN 03 INCH	2.00	EACH		\$	
1250	14093		W TIE-IN 04 INCH	3.00	EACH		\$	
1260	14094		W TIE-IN 06 INCH	3.00	EACH		\$	
1270	14104		W VALVE 04 INCH	3.00	EACH		\$	
1280	14105		W VALVE 06 INCH	1.00	EACH		\$	
1290	14144		W LINE MARKER	10.00	EACH		\$	

Section: 0008 - DEMOBILIZATION &/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1300	02568		MOBILIZATION	1.00	LS		\$	
1310	02569		DEMOBILIZATION	1.00	LS		\$	

GENERAL SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
Muhlenberg	2-8802.00	R2e

ITEM	DESCRIPTION	UNIT	KY 181	MUSTANG WAY	HENDERSO N LANE	JARVIS LN	NEBO CEMETERY RD	NEBO LN	KY 2533	STOBAUGH RD	ENTRANCES						PROJECT TOTALS
00020	TRAFFIC BOUND BASE	⑨	TON	100													100
00078	CRUSHED AGGREGATE SIZE NO 2	⑦	TON	1,810		9	20	15	8								1,862
01000	PERFORATED PIPE-4 IN	⑧	LF	266													266
01010	NON-PERFORATED PIPE-4 IN	⑧	LF	178													178
01015	INSPECT & CERTIFY EDGE DRAIN SYSTEM		LS	1													1
01020	PERF PIPE HEADWALL TY 1-4 IN	⑧	EACH	3													3
01028	PERF PIPE HEADWALL TY 3-4 IN	⑧	EACH	3													3
01310	REMOVE PIPE		LF	530	89	54	48	39			1,666						2,426
02014	BARRICADE-TYPE III		EACH	4													4
02159	TEMP DITCH		LF	5,903		86	233	200	77								6,499
02160	CLEAN TEMP DITCH		LF	2,952		43	117	100	39								3,251
02200	ROADWAY EXCAVATION	⑤	CUYD	38,017	151	1,397	38	5,849	2,829	489	1	6,822					56,829
02242	WATER	①	MGAL	1,118													1,118
02429	RIGHT-OF-WAY MONUMENT TYPE 1		EACH	98													98
02432	WITNESS POST		EACH	49													49
02483	CHANNEL LINING CLASS II	②	TON	150													150
02484	CHANNEL LINING CLASS III		TON	218													218
02545	CLEARING AND GRUBBING	③	LS	1													1
02562	TEMPORARY SIGNS		SQFT	600													600
02568	MOBILIZATION		LS	1													1
02569	DEMOBILIZATION		LS	1													1
02585	EDGE KEY		LF	253	32	19	14	18	15	16	10						377
02602	FABRIC-GEOTEXTILE CLASS 1		SQYD	13,693													13,693
02608	FABRIC-GEOTEXTILE CLASS 4A		SQYD	19,560													19,560
02650	MAINTAIN & CONTROL TRAFFIC		LS	1													1
02671	PORTABLE CHANGEABLE MESSAGE SIGN	⑩	EACH	4													4
02697	EDGE LINE RUMBLE STRIPS		LF	34,864													34,864
02701	TEMP SILT FENCE	②	LF	5,903		86	233	200	77								6,499
02703	SILT TRAP TYPE A	②	EACH	26		1	1	1	1								30
02704	SILT TRAP TYPE B	②	EACH	26		1	1	1	1								30
02705	SILT TRAP TYPE C	②	EACH	26		1	1	1	1								30
02706	CLEAN SILT TRAP TYPE A	②	EACH	26		1	1	1	1								30
02707	CLEAN SILT TRAP TYPE B	②	EACH	26		1	1	1	1								30
02708	CLEAN SILT TRAP TYPE C	②	EACH	26		1	1	1	1								30
02726	STAKING		LS	1													1
05950	EROSION CONTROL BLANKET	② ⑥	SQYD	126,438		990	2,521	1,468	389								131,806
05952	TEMP MULCH	②	SQYD	83,106		660	1,681	979	259								86,685
05953	TEMP SEEDING AND PROTECTION	②	SQYD	62,330		495	1,261	734	195								65,015
05963	INITIAL FERTILIZER	②	TON	12.9		0.2	0.3	0.2	0.1								13.7
05964	MAINTENANCE FERTILIZER	②	TON	6.5		0.1	0.2	0.1	0.1								7.00
05985	SEEDING AND PROTECTION	②	SQYD	59,342		685	1,476	6,452	167								68,122
05992	AGRICULTURAL LIMESTONE	②	TON	77.3		0.7	1.6	1	0.3								80.90
06510	PAVE STRIPING-TEMP PAINT-4 IN		LF	41,785	128	620	242	1,750	1,562	590	145						46,822
06514	PAVE STRIPING-PERM PAINT-4 IN		LF	41,785	128	620	242	1,750	1,562	590	145						46,822
06568	PAVE MARKING-THERMO STOP BAR-24IN		LF	24	16	10	10	8	10	6							94
06574	PAVE MARKING-THERMO CURV ARROW		EACH	6													6
10020NS	FUEL ADJUSTMENT		DOLL	34,655													34,655
10030NS	ASPHALT ADJUSTMENT		DOLL	46,974													46,974
20071EC	JOINT ADHESIVE		LF	13,311	70	170	103	467	399	154	70						14,744
21289ED	LONGITUDINAL EDGE KEY		LF	18,205													18,205
22400NN	REMOVE AND RELOCATE SIGN ASSEMBLY		EACH	41													41
23484EC	PIPE LINER ACCEPTANCE TESTING		LS	1													1
24986EC	HMA ELECTRONIC DELIVERY MGMT SYSTEM		LS	1													1
20458ES403	CENTERLINE RUMBLE STRIPS		LF	11,736													11,736
23131ER701	PIPELINE VIDEO INSPECTION		LF	698													698
23274EN11F	TURF REINFORCEMENT MAT 1		SQYD	12,297													12,297
04935	TEMP SIGNAL		LS	1													1
25072EC	RELOCATE TEMPORARY SIGNAL	⑪	LS	1													1

- NOTES :
- ① FOR DUST CONTROL WHILE MAINTAINING TRAFFIC.
 - ② EROSION CONTROL QUANTITIES ARE BASED ON THE PROBABLE AMOUNT OF EROSION CONTROL FEATURES AS ESTIMATED BY THE DESIGNER
 - ③ APPROX. 24.97 ACRES
 - ④ CARRIED OVER FROM DRAINAGE SUMMARY
 - ⑤ 1,019 C.Y. FROM PIPE CROSS SECTION
51,038 C.Y. FROM CROSS SECTIONS
 - ⑥ 1,779 S.Y. FOR DITCH LININGS
130,027 S.Y. FOR SLOPE PROTECTION
 - ⑦ ESTIMATED AT 100 LBS. PER CU. FT.
 - ⑧ TO BE USED STA. 82+38.00 TO STA. 84+37 AND STA. 63+00, 96+50 AND 113+50
 - ⑨ TO BE USED AS DIRECTED BY THE ENGINEER FOR MAINTAINING ACCESS TO ENTRANCES DURING MAINTENANCE OF TRAFFIC OPERATIONS
 - ⑩ ESTIMATED AT MAX AMOUNT NEEDED AT ANY ONE TIME DURING CONSTRUCTION
 - ⑪ FOR ALL INSTANCES IN WHICH THE TEMPORARY SIGNAL NEEDS TO BE RELOCATED

EARTHWORK QUANTITIES	
EXCAVATION	CY
COMMON	50,267
UNSUITABLE MATERIAL	5,326
EXC. (FROM PIPE SUMMARY)	1,236
TOTAL EXC.	56,829
EMBANKMENT	CY
EMBANKMENT	28,579
TOTAL EMB.	28,579
EXCESS MATERIAL	28,250

GENERAL SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
Muhlenberg	2-8802.00	R2e

REVISED: 3-19-26

ITEM	DESCRIPTION	UNIT	KY 181	MUSTANG WAY	HENDERSO N LANE	JARVIS LN	NEBO CEMETERY RD	NEBO LN	KY 2533	STOBAUGH RD	ENTRANCES						PROJECT TOTALS
00020	TRAFFIC BOUND BASE (9)	TON	100														100
00078	CRUSHED AGGREGATE SIZE NO 2 (7)	TON	1,810		9		20	15	8								1,862
01000	PERFORATED PIPE-4 IN (8)	LF	266														266
01010	NON-PERFORATED PIPE-4 IN (8)	LF	178														178
01015	INSPECT & CERTIFY EDGE DRAIN SYSTEM	LS	1														1
01020	PERF PIPE HEADWALL TY 1-4 IN (8)	EACH	3														3
01028	PERF PIPE HEADWALL TY 3-4 IN (8)	EACH	3														3
01310	REMOVE PIPE	LF	530	89	54	48		39			1,666						2,426
02014	BARRICADE-TYPE III	EACH	4														4
02159	TEMP DITCH	LF	5,903		86		233	200	77								6,499
02160	CLEAN TEMP DITCH	LF	2,952		43		117	100	39								3,251
02200	ROADWAY EXCAVATION (5)	CUYD	38,017	151	1,397	38	5,849	2,829	489	1	6,822						56,829
02242	WATER (1)	MGAL	1,118														1,118
02429	RIGHT-OF-WAY MONUMENT TYPE 1	EACH	98														98
02432	WITNESS POST	EACH	49														49
02483	CHANNEL LINING CLASS II (2)	TON	150														150
02484	CHANNEL LINING CLASS III	TON	218														218
02545	CLEARING AND GRUBBING (3)	LS	1														1
02562	TEMPORARY SIGNS	SQFT	600														600
02568	MOBILIZATION	LS	1														1
02569	DEMOBILIZATION	LS	1														1
02585	EDGE KEY	LF	253	32	19	14	18	15	16	10							377
02602	FABRIC-GEOTEXTILE CLASS 1	SQYD	13,693														13,693
02608	FABRIC-GEOTEXTILE CLASS 4A	SQYD	19,560														19,560
02650	MAINTAIN & CONTROL TRAFFIC	LS	1														1
02671	PORTABLE CHANGEABLE MESSAGE SIGN (10)	EACH	4														4
02697	EDGE LINE RUMBLE STRIPS	LF	34,864														34,864
02701	TEMP SILT FENCE (2)	LF	5,903		86		233	200	77								6,499
02703	SILT TRAP TYPE A (2)	EACH	26		1		1	1	1								30
02704	SILT TRAP TYPE B (2)	EACH	26		1		1	1	1								30
02705	SILT TRAP TYPE C (2)	EACH	26		1		1	1	1								30
02706	CLEAN SILT TRAP TYPE A (2)	EACH	26		1	2	1	1	1								30
02707	CLEAN SILT TRAP TYPE B (2)	EACH	26		1		1	1	1								30
02708	CLEAN SILT TRAP TYPE C (2)	EACH	26		1		1	1	1								30
02726	STAKING	LS	1														1
05950	EROSION CONTROL BLANKET (2) (6)	SQYD	126,438		990		2,521	1,468	389								131,806
05952	TEMP MULCH (2)	SQYD	83,106		660		1,681	979	259								86,685
05953	TEMP SEEDING AND PROTECTION (2)	SQYD	62,330		495		1,261	734	195								65,015
05963	INITIAL FERTILIZER (2)	TON	12.9		0.2		0.3	0.2	0.1								13.7
05964	MAINTENANCE FERTILIZER (2)	TON	6.5		0.1		0.2	0.1	0.1								7.00
05985	SEEDING AND PROTECTION (2)	SQYD	59,342		685		1,476	6,452	167								68,122
05992	AGRICULTURAL LIMESTONE (2)	TON	77.3		0.7		1.6	1	0.3								80.90
06510	PAVE STRIPING-TEMP PAINT-4 IN	LF	41,785	128	620	242	1,750	1,562	590	145							46,822
06514	PAVE STRIPING-PERM PAINT-4 IN	LF	41,785	128	620	242	1,750	1,562	590	145							46,822
06568	PAVE MARKING-THERMO STOP BAR-24IN	LF	24	16	10	10	10	8	10	6							94
06574	PAVE MARKING-THERMO CURV ARROW	EACH	6														6
10020NS	FUEL ADJUSTMENT	DOLL	34,655														34,655
10030NS	ASPHALT ADJUSTMENT	DOLL	46,974														46,974
20071EC	JOINT ADHESIVE	LF	13,311	70	170	103	467	399	154	70							14,744
21289ED	LONGITUDINAL EDGE KEY	LF	18,205														18,205
22400NN	REMOVE AND RELOCATE SIGN ASSEMBLY	EACH	41														41
23484EC	PIPE LINER ACCEPTANCE TESTING	LS	1														1
24986EC	HMA ELECTRONIC DELIVERY MGMT SYSTEM	LS	1														1
20458ES403	CENTERLINE RUMBLE STRIPS	LF	11,736														11,736
23131ER701	PIPELINE VIDEO INSPECTION	LF	698														698
23274EN11F	TURF REINFORCEMENT MAT L	SQYD	12,297														12,297
04935	TEMP SIGNAL	LS	1														1
25072EC	RELOCATE TEMPORARY SIGNAL (11)	LS	1														1

- NOTES :
- (1) FOR DUST CONTROL WHILE MAINTAINING TRAFFIC.
 - (2) EROSION CONTROL QUANTITIES ARE BASED ON THE PROBABLE AMOUNT OF EROSION CONTROL FEATURES AS ESTIMATED BY THE DESIGNER
 - (3) APPROX. 24.97 ACRES
 - (4) CARRIED OVER FROM DRAINAGE SUMMARY
 - (5) 1,019 C.Y. FROM PIPE CROSS SECTION
51,038 C.Y. FROM CROSS SECTIONS
 - (6) 1,779 S.Y. FOR DITCH LININGS
130,027 S.Y. FOR SLOPE PROTECTION
 - (7) ESTIMATED AT 100 LBS. PER CU. FT.
 - (8) TO BE USED STA. 82+38.00 TO STA. 84+37 AND STA. 63+00, 96+50 AND 113+50
 - (9) TO BE USED AS DIRECTED BY THE ENGINEER FOR MAINTAINING ACCESS TO ENTRANCES DURING MAINTENANCE OF TRAFFIC OPERATIONS
 - (10) ESTIMATED AT MAX AMOUNT NEEDED AT ANY ONE TIME DURING CONSTRUCTION
 - (11) FOR ALL INSTANCES IN WHICH THE TEMPORARY SIGNAL NEEDS TO BE RELOCATED

EARTHWORK QUANTITIES	
EXCAVATION	CY
COMMON	50,267
UNSUITABLE MATERIAL	5,326
EXC. (FROM PIPE SUMMARY)	1,236
TOTAL EXC.	56,829
EMBANKMENT	CY
EMBANKMENT	28,579
TOTAL EMB.	28,579
EXCESS MATERIAL	28,250

TRAFFIC CONTROL NOTES		COUNTY OF	ITEM NO.	SHEET NO.
		Muhlenberg	2-8802.00	R55
1)	EXCEPT AS PROVIDED HEREIN, "MAINTAIN AND CONTROL TRAFFIC" SHALL BE IN ACCORDANCE WITH THE KYTC STANDARD SPECIFICATIONS, STANDARD DRAWINGS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITIONS. EXCEPT FOR THE ROADWAY AND TRAFFIC CONTROL BID ITEMS LISTED, ALL ITEMS OF WORK NECESSARY TO MAINTAIN AND CONTROL TRAFFIC WILL PAID AT THE LUMP SUM BID PRICE TO "MAINTAIN AND CONTROL TRAFFIC." ALL SHIFTS IN TRAFFIC PATTERNS THROUGHOUT THE DURATION OF THE PROJECT SHALL BE IN COMPLIANCE WITH THE APPROPRIATE STANDARD DRAWINGS. CONES WILL NOT BE PERMITTED FOR LANE AND OR SHOULDER CLOSURES.	18)	SIGNS	CONTRARY TO SECTION 112.04.02 AND 112.04.03, LOW SHOULDER SIGNS WILL NOT BE MEASURED FOR PAYMENT,BUT WILL BE INCIDENTAL TO "MAINTAIN AND CONTROL TRAFFIC." CONTRARY TO SECTION 112.04.02 ONLY LONG TERM SIGNS (SIGNS INTENDED TO BE CONTINUOUSLY IN PLACE FOR MORE THAN 3 DAYS) WILL BE MEASURED FOR PAYMENT; SHORT TERM SIGNS (SIGNS INTENDED TO BE LEFT IN PLACE FOR 3 DAYS OR LESS) WILL NOT BE MEASURED FOR PAYMENT AND WILL BE CONSIDERED INCIDENTAL TO "MAINTAIN AND CONTROL TRAFFIC." INDIVIDUAL SIGNS WILL BE MEASURED ONLY ONCE FOR PAYMENT, REGARDLESS OF HOW MANY TIMES THEY ARE SET, RESET, REMOVED AND RELOCATED DURING THE DURATION OF THE PROJECT. REPLACEMENTS FOR DAMAGED SIGNS DIRECTED BY THE ENGINEER TO BE REPLACED DUE TO POOR CONDITION OR REFLECTIVITY WILL NOT BE MEASURED FOR PAYMENT. EXISTING SIGNS WILL NOT BE MEASURED FOR PAYMENT, BUT WILL BE INCIDENTAL TO "MAINTAIN AND CONTROL TRAFFIC."
2)	A TRAFFIC CONTROL COORDINATOR SHALL BE REQUIRED ON THIS PROJECT. THE DESIGNATED TRAFFIC CONTROL COORDINATOR MUST MEET THE REQUIREMENTS OF SECTION 112.03.12 OF THE STANDARD SPECIFICATIONS. DUE TO THE OVERALL LENGTH OF THE PROJECT, THE TRAFFIC CONTROL COORDINATOR WILL CONDUCT DAILY INSPECTIONS OF THE PROJECT MAINTENANCE OF TRAFFIC SCHEME AND REPORT AND CORRECT ANY DEFICIENCIES. THE TRAFFIC CONTROL COORDINATOR WILL REPORT ALL INCIDENTS THROUGHOUT THE WORK ZONE TO THE ENGINEER. THE CONTRACTOR WILL PROVIDE CONTACT INFORMATION WHERE THE TRAFFIC CONTROL COORDINATOR MAY BE CONTACTED AT ALL TIMES. THIS PROJECT IS CLASSIFIED AS A "NOT SIGNIFICANT PROJECT".			THE ENGINEER WILL REVIEW AND APPROVE THE LOCATION AND TYPES OF SIGNS INSTALLED. LOCATION AND TYPES OF SIGNS ARE TO BE UPDATED AND MODIFIED AS NEEDED BASED ON THE FIELD CONDITIONS, WORK PHASING, PROJECT ACTIVITIES, PAVEMENT AND ROADSIDE CONDITIONS, ETC. WARNING SIGNS FOR BLASTING, ONE LANE TRAFFIC AND FLAGGING, SHOULDER CLOSURE, LOW SHOULDER, ETC. ARE TO BE ADDED/REMOVED AS WARRANTED. COVER OR REMOVE ALL SIGNS NOT APPLICABLE OR NOT NEEDED AT ANY GIVEN TIME.
3)	THE ENGINEER AND THE CONTRACTOR, OR THEIR AUTHORIZED REPRESENTATIVES, SHALL REVIEW THE SIGNING AND PAVEMENT MARKING SCHEMES BEFORE TRAFFIC PATTERNS ARE SHIFTED TO USE ANY LANE CLOSURES, TEMPORARY PAVEMENT, OR DIVERSIONS. ALL SIGNING AND PAVEMENT MARKING SHALL BE APPROVED BY THE ENGINEER BEFORE WORK CAN BE STARTED BY THE CONTRACTOR.			MAINTAIN STOP SIGNS ON ALL APPROACHES AT ALL TIMES.
4)	IF THE CONTRACTOR DESIRES TO DEVIATE FROM THE TRAFFIC CONTROL SCHEME AND CONSTRUCTION PHASES OUTLINED IN THESE PLANS AND THIS PROPOSAL, HE SHALL PREPARE AN ALTERNATIVE PLAN AND PRESENT IT IN WRITING TO THE ENGINEER. THIS ALTERNATIVE PLAN MAY BE USED ONLY AFTER REVIEW AND APPROVAL OF THE DIVISIONS OF TRAFFIC, DESIGN AND CONSTRUCTION.			INSTALL PERMANENT SIGNS AS THE WORK PROGRESSES AND PRIOR TO RECONFIGURING TRAFFIC ALONG NEWLY CONSTRUCTED SEGEMENTS OF THE PROJECT AS THE PROPOSED TRAFFIC PHASING WARRANT THEIR USE.
5)	UNLESS OTHERWISE SPECIFIED ON THE PLANS, THE CONTRACTOR SHALL MAINTAIN A TWO-WAY, TWO-LANE TRAVELED WAY WITH A MINIMUM LANE WIDTH OF 9 FEET. HOWEVER, DURING WORKING HOURS, ONE-LANE TRAFFIC MAY BE ALLOWED AT THE DISCRETION OF THE ENGINEER, PROVIDED ADEQUATE SIGNING AND TEMPORARY TRAFFIC SIGNALS ARE AT THE LOCATION.	19)	FLASHING ARROWS - LONG TERM ARROW PANELS WILL BE PAID FOR PER SECTION 112.04.05 OF THE STANDARD SPECIFICATIONS, CURRENT EDITION.	
6)	THE CONTRACTOR VEHICLES SHALL ALWAYS MOVE WITH AND NOT AGAINST THE FLOW OF TRAFFIC. VEHICLES SHALL ENTER AND LEAVE WORK AREAS AT LOCATIONS DESIGNATED BY THE ENGINEER. TEMPORARY TRAFFIC SIGNALS WILL BE REQUIRED AT ALL LOCATIONS WHERE CONSTRUCTION VEHICLES CROSS THE EXISTING FLOW OF TRAFFIC.	20)	PORTABLE CHANGEABLE MESSAGE SIGNS - CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER. PAYMENT WILL BE MADE PER SECTION 112.04.06 OF THE STANDARD SPECIFICATIONS, CURRENT EDITION. RELOCATE MESSAGE BOARDS AND REVISE MESSAGES AS NEEDED. USE MESSAGE BOARDS TO ASSIST IN TRAFFIC PHASE SHIFT ADVANCE WARNINGS.	
7)	UNLESS NOTED OTHERWISE, ANY TEMPORARY TRAFFIC CONTROL ITEMS, DEVICES, MATERIALS AND INCIDENTALS SHALL REMAIN THE PROPERTY OF THE CONTRACTOR WHEN NO LONGER NEEDED.	21)	PAVEMENT MARKING REMOVAL - REMOVAL OF EXISTING PAVEMENT MARKINGS OR TEMPORARY MARKINGS DUE TO TRAFFIC PHASE CHANGES IS CONSIDERED INCIDENTAL TO "MAINTAIN AND CONTROL TRAFFIC."	
8)	THE CONTRACTOR SHALL COMPLETELY COVER ANY SIGNS, EITHER EXISTING, PERMANENT, OR TEMPORARY, WHICH DO NOT PROPERLY APPLY TO THE CURRENT TRAFFIC PHASING, AND SHALL MAINTAIN THE COVERING UNTIL THE SIGNS ARE APPLICABLE OR ARE REMOVED.	22)	PAVEMENT EDGE DROP-OFFS	
9)	TRAFFIC PHASE CHANGES			PAVEMENT EDGES THAT TRAFFIC IS NOT EXPECTED TO CROSS, EXCEPT ACCIDENTALLY, SHOULD BE TREATED AS FOLLOWS :
	THE EXISTING PAVEMENT MARKERS AND MARKINGS SHALL BE REMOVED PRIOR TO SHOWING A CONFLICTING MARKING SCHEME. NO DIRECT PAYMENT WILL BE ALLOWED FOR THIS AND WILL BE CONSIDERED INCIDENTAL TO THE ITEM "MAINTAIN AND CONTROL TRAFFIC".			LESS THAN 2 INCHES - NO PROTECTION REQUIRED. UNEVEN LANES SIGNS W8-II SHOULD BE PLACED IN ADVANCE OF AND THROUGHOUT THE DROP-OFF AREA.
	TRAFFIC SHALL NOT BE SHIFTED FROM ONE PHASE TO ANOTHER BEFORE APPROPRIATE TEMPORARY LANE MARKINGS AND SIGNING HAVE BEEN INSTALLED AND APPROVED BY THE ENGINEER.			2 INCHES TO 4 INCHES - PLACE PLASTIC DRUMS, VERTICAL PANELS, OR BARRICADES EVERY 100 FEET. CONES MAY BE USED IN PLACE OF PLASTIC DRUMS, PANELS AND BARRICADES DURING DAYLIGHT HOURS ONLY.
	CHANNELIZATION DEVICES (DRUMS OR VERTICAL PANELS) WILL BE PLACED IN TRAFFIC PATTERN SHIFT AREAS ON A 20' MAXIMUM SPACING.			GREATER THAN 4 INCHES - CONCRETE BARRIER WALLS OR WEDGE WITH 3:1 OR FLATTER SLOPE NEEDED. IF THERE IS 8 FEET OR MORE DISTANCE BETWEEN THE EDGE OF PAVEMENT AND DROP-OFF DRUMS, PANELS OR BARRICADES MAY BE USED. IF CONCRETE BARRIERS ARE USED, SPECIAL REFLECTIVE DEVICES OR STEADY BURN LIGHTS SHOULD BE USED FOR OVERNIGHT INSTALLATIONS. FOR TEMPORARY CONDITIONS, DROP-OFFS GREATER THAN 4 INCHES MAY BE PROTECTED WITH PLASTIC DRUMS, VERTICAL PANELS,OR BARRICADES FOR SHORT DISTANCES DURING DAYLIGHT HOURS WHILE WORK IS BEING DONE IN THE DROP-OFF AREA. PAYMENT WILL BE ALLOWED FOR THE DGA MATERIAL USED FOR WEDGING.
10)	LANE CLOSURES - LANE CLOSURES MUST BE APPROVED BY THE ENGINEER 24 HOURS IN ADVANCE UNLESS UNFORESEEABLE SITUATIONS OCCUR BEYOND THE CONTRACTOR'S CONTROL. CONTRARY TO SECTION 112, LANE CLOSURES WILL NOT BE CONSIDERED FOR PAYMENT REGARDLESS OF THE DURATION OF CLOSURE, BUT ARE CONSIDERED INCIDENTAL TO "MAINTAIN AND CONTROL TRAFFIC." SIGNS AND ARROW PANELS SHALL BE PAID PER SQ FT AND EACH RESPECTIVELY, EXCEPT FOR LANE CLOSURES INSTALLED FOR THE CONTRACTORS CONVENIENCE.	23)	SPEED LIMIT - THE SPEED LIMIT WILL BE REDUCED TO 45 MPH IN THE WORK ZONE.	
11)	ROAD CLOSURES - LIMIT THE DURATION OF ROAD CLOSURES TO THE MINIMUM REQUIRED TO ACCOMPLISH THE COMPLETION OF THE PHASE REQUIRING CLOSURE. CONTINUOUSLY PURSUE WORK UNTIL COMPLETE TO MINIMIZE DURATIONS OF CLOSURES.	24)	MAILBOXES - THE CONTRACTOR WILL MAKE PROVISIONS FOR INSTALLATION AND MAINTENANCE OF TEMPORARY FACILITIES FOR MAILBOXES WHEN MAILBOX REMOVAL BECOMES NECESSARY. RELOCATION AND MAINTENANCE OF MAILBOXES WILL BE CONSIDERED INCIDENTAL TO OTHER ITEMS OF WORK.	
12)	LOCAL ACCESS - ACCESS TO LOCAL PROPERTIES AND APPROACH ROADS SHALL BE MAINTAINED AT ALL TIMES. APPROACH ROAD CONSTRUCTION SHALL BE COMPLETED UTILIZING PART-WIDTH CONSTRUCTION TO MAINTAIN ACCESS. SHOULD THE CONTRACTOR HAVE TO CLOSE ACCESS TO ANY PROPERTY HE WILL BE REQUIRED TO COORDINATE SUCH OCCASION WITH THE OWNER AND PROVIDE THE OWNER WITH A MINIMUM 48 HOUR NOTICE PRIOR TO CLOSURE. PLACE AND MAINTAIN A MINIMUM OF 2 INCHES OF MAINTENANCE STONE ON TEMPORARY DRIVING SURFACES. ACCESS TO PARCELS NOT INHABITED MAY BE CLOSED FOR SHORT PERIODS OF TIME IF COORDINATED WITH, AND AGREED UPON BY THE OWNER.	25)	TRAFFIC LANE SHIFT TAPERS - ALL TEMPORARY TRAFFIC TAPERS ON THIS PROJECT FOR PURPOSES OF LANE WIDTH REDUCTION OR FOR SHIFTING OF TRAFFIC ONTO PRIOR CONSTRUCTED PAVEMENT OR SHOULDERS AND FOR SHIFTING OF TRAFFIC AWAY FROM THE PROPOSED NEW WORK ZONES, WILL BE BASED ON A 45:1 TAPER RATE. THE INCLUDED PROJECT PHASING DEPICTS A SCHEMATIC OF TRAFFIC PATTERNS THAT SHOULD BE EMPLOYED. THE EXACT LOCATION OF THE BEGINNING AND ENDING OF LANE TAPERS, BUFFER DISTANCES, ETC. ARE TO BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION OF THE PROPOSED TRAFFIC SHIFT.	
13)	SCHOOL BUSES AND EMERGENCY VEHICLES - IF TRAFFIC IS STOPPED DUE TO CONSTRUCTION AND AN EMERGENCY VEHICLE ON AN EMERGENCY RUN OR A SCHOOL BUS ARRIVES AT THE PROJECT SITE, THE CONTRACTOR SHALL MAKE PROVISIONS FOR THE PASSAGE OF THAT VEHICLE AS QUICKLY AS POSSIBLE.	26)	TEMPORARY SLOPES AND TEMPORARY DRAINAGE FOR M.O.T. - ALL TEMPORARY DRAINAGE MEASURES REQUIRED FOR PHASED CONSTRUCTION INCLUDING TEMPORARY PIPES, SAFELOADING TEMPORARY PIPES, CONSTRUCTION OF TEMPORARY SLOPES, CONSTRUCTION OF DITCHING AT A TEMPORARY ELEVATION OR CONSTRUCTION OF TEMPORARY DITCHES WILL BE CONSIDERED INCIDENTAL TO THE MAINTENANCE OF TRAFFIC. TEMPORARY DITCHES FOR EROSION CONTROL WILL BE MEASURED AND PAID IN ACCORDANCE WITH THE SPECIFICATIONS.	
14)	WEIGHT LIMIT DESIGNATIONS - THE CONTRACTOR SHALL OBSERVE ALL WEIGHT LIMIT DESIGNATIONS WHILE HAULING MATERIAL AND EQUIPMENT ON EXISTING PAVEMENTS. ANY DAMAGE TO EXISTING PAVEMENT CAUSED BY THE CONTRACTOR'S EQUIPMENT SHALL BE REPAIRED IMMEDIATELY, AT NO COST TO THE DEPARTMENT.			SUGGESTED PHASED CONSTRUCTION FOR PROPOSED DRAINAGE STRUCTURES AND PROPOSED DRAINAGE FACILITIES ARE INCLUDED FOR SOME PROPOSED DRAINAGE INSTALLATIONS INCLUDING BORE AND JACK INSTALLATIONS, PART WIDTH INSTALLATIONS, TEMPORARY DITCHES, ETC. SUGGESTIONS FOR PHASED CONSTRUCTION ARE NOT TO BE CONSIDERED THOROUGH OR COMPLETE. THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR CONSTRUCTION OF PIPES AND DRAINAGE FACILITIES NOT SPECIFICALLY ADDRESSED IN PHASING, BY PART WIDTH CONSTRUCTION BY USE OF ONE LANE TRAFFIC AND TEMPORARY TRAFFIC SIGNALS, CONTINUOUS OPERATIONS AND BACKFILL, STEEL PLATING, INSTALLATION OF TRAFFIC BOUND BASE FOR TEMPORARY PAVEMENT, AND TRENCH SHORING. TRAFFIC MAY BE ALLOWED TO RUN ON TRAFFIC BOUND BASE TRENCH CAPS WHILE TEMPORARY TRAFFIC SIGNALS ARE PRESENT. ALL PIPE TRENCHES ARE TO BE PAVED WITH ASPHALT BASE MATCHING THE DEPTH OF THE ORIGINAL PAVEMENT BEFORE RESTORING TO TRAFFIC IN THE ABSENCE OF TEMPORARY TRAFFIC SIGNALS. PAVING MATERIALS FOR TRENCH CAP WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE MATERIAL USED. IF THE CONTRACTOR ELECTS TO BORE/JACK ANY PIPE NOT SET UP FOR BORE/JACK IN THE ORIGINAL PLANS, THE CONTRACTOR WILL BARE ANY ADDITIONAL COSTS FOR BORING AND JACKING. TRAFFIC BOUND BASE OR DGA USED FOR TEMPORARY PAVEMENT FOR PART WIDTH CONSTRUCTION WILL BE PAID FOR AT THE CONTRACT UNIT PRICE. ALL OTHER COSTS ASSOCIATED WITH THE PART WIDTH OR PHASED CONSTRUCTION OF DRAINAGE STRUCTURES WILL BE CONSIDERED INCIDENTAL TO OTHER ITEMS IN THE CONTRACT.
15)	DURING CONSTRUCTION, IF THE CONTRACTOR MOVES EQUIPMENT, MATERIAL, ETC. BACK AND FORTH ACROSS PUBLIC ROADWAYS THAT REMAIN OPEN, SPECIAL PROVISIONS MAY BE REQUIRED BY THE ENGINEER. THIS MAY INCLUDE BUT NOT BE LIMITED TO, PROTECTION BY PLATING OR BY PROVIDING PLATFORMS, RE-PAVING OF EXISTING ROADWAYS, TEMPORARY TRAFFIC SIGNALS, SPECIAL SIGNING, OR LIGHTING TO EMPHASIZE THE CONSTRUCTION EQUIPMENT CROSSING THE ROADWAY, ALL OF WHICH SHALL BE INCIDENTAL TO LUMP SUM BID TO "MAINTAIN AND CONTROL TRAFFIC".			
16)	PLACE LEVELING AND WEDGING AS NEEDED AND AS DIRECTED BY THE ENGINEER TO RAMP TRAFFIC DOWN FROM ASPHALT BASE OVERLAYS TO EXISTING PAVEMENT AT THE LIMITS OF CONSTRUCTION PHASES. PROVIDE A TEMPORARY VERTICAL TAPER RATE OF 1':25' TO TRANSITION TRAFFIC BETWEEN PHASES THAT REQUIRE AN ELEVATION DIFFERENCE.			
	NOT USED			
17)	TRAFFIC CONTROL PLAN REVISIONS - PROPOSED CHANGES TO THE TRAFFIC CONTROL PLAN MAY BE CONSIDERED IN ACCORDANCE WITH SECTION 112.03.01 OF THE STANDARD SPECIFICATIONS.			
TRAFFIC CONTROL NOTES				

FILE NAME: F:\ENGR\HD1955.05 KY 181 WIDENING - MUHLENBERG\PHASE II\CAD\PLAN PRODUCTION\PLAN02_8802_R_PLANDGN

USER: rmaxfield
DATE PLOTTED: September 7, 2005

OpenRoads Designer v10.14.4.4

TRAFFIC CONTROL NOTES		COUNTY OF	ITEM NO.	SHEET NO.
		Muhlenberg	2-8802.00	R55
		REVISED: 3-19-26		
1) 2) 3) 4) 5)	EXCEPT AS PROVIDED HEREIN, "MAINTAIN AND CONTROL TRAFFIC" SHALL BE IN ACCORDANCE WITH THE KYTC STANDARD SPECIFICATIONS, STANDARD DRAWINGS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITIONS. EXCEPT FOR THE ROADWAY AND TRAFFIC CONTROL BID ITEMS LISTED, ALL ITEMS OF WORK NECESSARY TO MAINTAIN AND CONTROL TRAFFIC WILL PAID AT THE LUMP SUM BID PRICE TO "MAINTAIN AND CONTROL TRAFFIC." ALL SHIFTS IN TRAFFIC PATTERNS THROUGHOUT THE DURATION OF THE PROJECT SHALL BE IN COMPLIANCE WITH THE APPROPRIATE STANDARD DRAWINGS. CONES WILL NOT BE PERMITTED FOR LANE AND OR SHOULDER CLOSURES.	18)	SIGNS	CONTRARY TO SECTION 112.04.02 AND 112.04.03, LOW SHOULDER SIGNS WILL NOT BE MEASURED FOR PAYMENT,BUT WILL BE INCIDENTAL TO "MAINTAIN AND CONTROL TRAFFIC." CONTRARY TO SECTION 112.04.02 ONLY LONG TERM SIGNS (SIGNS INTENDED TO BE CONTINUOUSLY IN PLACE FOR MORE THAN 3 DAYS) WILL BE MEASURED FOR PAYMENT; SHORT TERM SIGNS (SIGNS INTENDED TO BE LEFT IN PLACE FOR 3 DAYS OR LESS) WILL NOT BE MEASURED FOR PAYMENT AND WILL BE CONSIDERED INCIDENTAL TO "MAINTAIN AND CONTROL TRAFFIC." INDIVIDUAL SIGNS WILL BE MEASURED ONLY ONCE FOR PAYMENT, REGARDLESS OF HOW MANY TIMES THEY ARE SET, RESET, REMOVED AND RELOCATED DURING THE DURATION OF THE PROJECT. REPLACEMENTS FOR DAMAGED SIGNS DIRECTED BY THE ENGINEER TO BE REPLACED DUE TO POOR CONDITION OR REFLECTIVITY WILL NOT BE MEASURED FOR PAYMENT. EXISTING SIGNS WILL NOT BE MEASURED FOR PAYMENT, BUT WILL BE INCIDENTAL TO "MAINTAIN AND CONTROL TRAFFIC."
	A TRAFFIC CONTROL COORDINATOR SHALL BE REQUIRED ON THIS PROJECT. THE DESIGNATED TRAFFIC CONTROL COORDINATOR MUST MEET THE REQUIREMENTS OF SECTION 112.03.12 OF THE STANDARD SPECIFICATIONS. DUE TO THE OVERALL LENGTH OF THE PROJECT, THE TRAFFIC CONTROL COORDINATOR WILL CONDUCT DAILY INSPECTIONS OF THE PROJECT MAINTENANCE OF TRAFFIC SCHEME AND REPORT AND CORRECT ANY DEFICIENCIES. THE TRAFFIC CONTROL COORDINATOR WILL REPORT ALL INCIDENTS THROUGHOUT THE WORK ZONE TO THE ENGINEER. THE CONTRACTOR WILL PROVIDE CONTACT INFORMATION WHERE THE TRAFFIC CONTROL COORDINATOR MAY BE CONTACTED AT ALL TIMES. THIS PROJECT IS CLASSIFIED AS A "NOT SIGNIFICANT PROJECT".			THE ENGINEER WILL REVIEW AND APPROVE THE LOCATION AND TYPES OF SIGNS INSTALLED. LOCATION AND TYPES OF SIGNS ARE TO BE UPDATED AND MODIFIED AS NEEDED BASED ON THE FIELD CONDITIONS, WORK PHASING, PROJECT ACTIVITIES, PAVEMENT AND ROADSIDE CONDITIONS, ETC. WARNING SIGNS FOR BLASTING, ONE LANE TRAFFIC AND FLAGGING, SHOULDER CLOSURE, LOW SHOULDER, ETC. ARE TO BE ADDED/REMOVED AS WARRANTED. COVER OR REMOVE ALL SIGNS NOT APPLICABLE OR NOT NEEDED AT ANY GIVEN TIME.
	THE ENGINEER AND THE CONTRACTOR, OR THEIR AUTHORIZED REPRESENTATIVES, SHALL REVIEW THE SIGNING AND PAVEMENT MARKING SCHEMES BEFORE TRAFFIC PATTERNS ARE SHIFTED TO USE ANY LANE CLOSURES, TEMPORARY PAVEMENT, OR DIVERSIONS. ALL SIGNING AND PAVEMENT MARKING SHALL BE APPROVED BY THE ENGINEER BEFORE WORK CAN BE STARTED BY THE CONTRACTOR.			MAINTAIN STOP SIGNS ON ALL APPROACHES AT ALL TIMES.
	IF THE CONTRACTOR DESIRES TO DEVIATE FROM THE TRAFFIC CONTROL SCHEME AND CONSTRUCTION PHASES OUTLINED IN THESE PLANS AND THIS PROPOSAL, HE SHALL PREPARE AN ALTERNATIVE PLAN AND PRESENT IT IN WRITING TO THE ENGINEER. THIS ALTERNATIVE PLAN MAY BE USED ONLY AFTER REVIEW AND APPROVAL OF THE DIVISIONS OF TRAFFIC, DESIGN AND CONSTRUCTION.			INSTALL PERMANENT SIGNS AS THE WORK PROGRESSES AND PRIOR TO RECONFIGURING TRAFFIC ALONG NEWLY CONSTRUCTED SEGEMENTS OF THE PROJECT AS THE PROPOSED TRAFFIC PHASING WARRANT THEIR USE.
	UNLESS OTHERWISE SPECIFIED ON THE PLANS, THE CONTRACTOR SHALL MAINTAIN A TWO-WAY, TWO-LANE TRAVELED WAY WITH A MINIMUM LANE WIDTH OF 9 FEET. HOWEVER, DURING WORKING HOURS, ONE-LANE TRAFFIC MAY BE ALLOWED AT THE DISCRETION OF THE ENGINEER, PROVIDED ADEQUATE SIGNING AND TEMPORARY TRAFFIC SIGNALS ARE AT THE LOCATION.	19)	FLASHING ARROWS - LONG TERM ARROW PANELS WILL BE PAID FOR PER SECTION 112.04.05 OF THE STANDARD SPECIFICATIONS, CURRENT EDITION.	
	THE CONTRACTOR VEHICLES SHALL ALWAYS MOVE WITH AND NOT AGAINST THE FLOW OF TRAFFIC. VEHICLES SHALL ENTER AND LEAVE WORK AREAS AT LOCATIONS DESIGNATED BY THE ENGINEER. TEMPORARY TRAFFIC SIGNALS WILL BE REQUIRED AT ALL LOCATIONS WHERE CONSTRUCTION VEHICLES CROSS THE EXISTING FLOW OF TRAFFIC.	20)	PORTABLE CHANGEABLE MESSAGE SIGNS - CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER. PAYMENT WILL BE MADE PER SECTION 112.04.06 OF THE STANDARD SPECIFICATIONS, CURRENT EDITION. RELOCATE MESSAGE BOARDS AND REVISE MESSAGES AS NEEDED. USE MESSAGE BOARDS TO ASSIST IN TRAFFIC PHASE SHIFT ADVANCE WARNINGS.	
	UNLESS NOTED OTHERWISE, ANY TEMPORARY TRAFFIC CONTROL ITEMS, DEVICES, MATERIALS AND INCIDENTALS SHALL REMAIN THE PROPERTY OF THE CONTRACTOR WHEN NO LONGER NEEDED.	21)	PAVEMENT MARKING REMOVAL - REMOVAL OF EXISTING PAVEMENT MARKINGS OR TEMPORARY MARKINGS DUE TO TRAFFIC PHASE CHANGES IS CONSIDERED INCIDENTAL TO "MAINTAIN AND CONTROL TRAFFIC."	
	THE CONTRACTOR SHALL COMPLETELY COVER ANY SIGNS, EITHER EXISTING, PERMANENT, OR TEMPORARY, WHICH DO NOT PROPERLY APPLY TO THE CURRENT TRAFFIC PHASING, AND SHALL MAINTAIN THE COVERING UNTIL THE SIGNS ARE APPLICABLE OR ARE REMOVED.	22)	PAVEMENT EDGE DROP-OFFS	PAVEMENT EDGES THAT TRAFFIC IS NOT EXPECTED TO CROSS, EXCEPT ACCIDENTALLY, SHOULD BE TREATED AS FOLLOWS :
	TRAFFIC PHASE CHANGES			LESS THAN 2 INCHES - NO PROTECTION REQUIRED. UNEVEN LANES SIGNS W8-II SHOULD BE PLACED IN ADVANCE OF AND THROUGHOUT THE DROP-OFF AREA.
	THE EXISTING PAVEMENT MARKERS AND MARKINGS SHALL BE REMOVED PRIOR TO SHOWING A CONFLICTING MARKING SCHEME. NO DIRECT PAYMENT WILL BE ALLOWED FOR THIS AND WILL BE CONSIDERED INCIDENTAL TO THE ITEM "MAINTAIN AND CONTROL TRAFFIC".			2 INCHES TO 4 INCHES - PLACE PLASTIC DRUMS, VERTICAL PANELS, OR BARRICADES EVERY 100 FEET. CONES MAY BE USED IN PLACE OF PLASTIC DRUMS, PANELS AND BARRICADES DURING DAYLIGHT HOURS ONLY.
10)	TRAFFIC SHALL NOT BE SHIFTED FROM ONE PHASE TO ANOTHER BEFORE APPROPRIATE TEMPORARY LANE MARKINGS AND SIGNING HAVE BEEN INSTALLED AND APPROVED BY THE ENGINEER.			GREATER THAN 4 INCHES - CONCRETE BARRIER WALLS OR WEDGE WITH 3:1 OR FLATTER SLOPE NEEDED. IF THERE IS 8 FEET OR MORE DISTANCE BETWEEN THE EDGE OF PAVEMENT AND DROP-OFF DRUMS, PANELS OR BARRICADES MAY BE USED. IF CONCRETE BARRIERS ARE USED, SPECIAL REFLECTIVE DEVICES OR STEADY BURN LIGHTS SHOULD BE USED FOR OVERNIGHT INSTALLATIONS. FOR TEMPORARY CONDITIONS, DROP-OFFS GREATER THAN 4 INCHES MAY BE PROTECTED WITH PLASTIC DRUMS, VERTICAL PANELS,OR BARRICADES FOR SHORT DISTANCES DURING DAYLIGHT HOURS WHILE WORK IS BEING DONE IN THE DROP-OFF AREA. PAYMENT WILL BE ALLOWED FOR THE DGA MATERIAL USED FOR WEDGING.
	CHANNELIZATION DEVICES (DRUMS OR VERTICAL PANELS) WILL BE PLACED IN TRAFFIC PATTERN SHIFT AREAS ON A 20' MAXIMUM SPACING.	23)	SPEED LIMIT - THE SPEED LIMIT WILL BE REDUCED TO 45 MPH IN THE WORK ZONE.	
	LANE CLOSURES - LANE CLOSURES MUST BE APPROVED BY THE ENGINEER 24 HOURS IN ADVANCE UNLESS UNFORESEEABLE SITUATIONS OCCUR BEYOND THE CONTRACTOR'S CONTROL. CONTRARY TO SECTION 112, LANE CLOSURES WILL NOT BE CONSIDERED FOR PAYMENT REGARDLESS OF THE DURATION OF CLOSURE, BUT ARE CONSIDERED INCIDENTAL TO "MAINTAIN AND CONTROL TRAFFIC." SIGNS AND ARROW PANELS SHALL BE PAID PER SQ FT AND EACH RESPECTIVELY, EXCEPT FOR LANE CLOSURES INSTALLED FOR THE CONTRACTORS CONVENIENCE.	24)	MAILBOXES - THE CONTRACTOR WILL MAKE PROVISIONS FOR INSTALLATION AND MAINTENANCE OF TEMPORARY FACILITIES FOR MAILBOXES WHEN MAILBOX REMOVAL BECOMES NECESSARY. RELOCATION AND MAINTENANCE OF MAILBOXES WILL BE CONSIDERED INCIDENTAL TO OTHER ITEMS OF WORK.	
	ROAD CLOSURES - LIMIT THE DURATION OF ROAD CLOSURES TO THE MINIMUM REQUIRED TO ACCOMPLISH THE COMPLETION OF THE PHASE REQUIRING CLOSURE. CONTINUOUSLY PURSUE WORK UNTIL COMPLETE TO MINIMIZE DURATIONS OF CLOSURES.	25)	TRAFFIC LANE SHIFT TAPERS - ALL TEMPORARY TRAFFIC TAPERS ON THIS PROJECT FOR PURPOSES OF LANE WIDTH REDUCTION OR FOR SHIFTING OF TRAFFIC ONTO PRIOR CONSTRUCTED PAVEMENT OR SHOULDERS AND FOR SHIFTING OF TRAFFIC AWAY FROM THE PROPOSED NEW WORK ZONES, WILL BE BASED ON A 45:1 TAPER RATE. THE INCLUDED PROJECT PHASING DEPICTS A SCHEMATIC OF TRAFFIC PATTERNS THAT SHOULD BE EMPLOYED. THE EXACT LOCATION OF THE BEGINNING AND ENDING OF LANE TAPERS, BUFFER DISTANCES, ETC. ARE TO BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION OF THE PROPOSED TRAFFIC SHIFT.	
	LOCAL ACCESS - ACCESS TO LOCAL PROPERTIES AND APPROACH ROADS SHALL BE MAINTAINED AT ALL TIMES. APPROACH ROAD CONSTRUCTION SHALL BE COMPLETED UTILIZING PART-WIDTH CONSTRUCTION TO MAINTAIN ACCESS. SHOULD THE CONTRACTOR HAVE TO CLOSE ACCESS TO ANY PROPERTY HE WILL BE REQUIRED TO COORDINATE SUCH OCCASION WITH THE OWNER AND PROVIDE THE OWNER WITH A MINIMUM 48 HOUR NOTICE PRIOR TO CLOSURE. PLACE AND MAINTAIN A MINIMUM OF 2 INCHES OF MAINTENANCE STONE ON TEMPORARY DRIVING SURFACES. ACCESS TO PARCELS NOT INHABITED MAY BE CLOSED FOR SHORT PERIODS OF TIME IF COORDINATED WITH, AND AGREED UPON BY THE OWNER.	26)	TEMPORARY SLOPES AND TEMPORARY DRAINAGE FOR M.O.T. - ALL TEMPORARY DRAINAGE MEASURES REQUIRED FOR PHASED CONSTRUCTION INCLUDING TEMPORARY PIPES, SAFELOADING TEMPORARY PIPES, CONSTRUCTION OF TEMPORARY SLOPES, CONSTRUCTION OF DITCHING AT A TEMPORARY ELEVATION OR CONSTRUCTION OF TEMPORARY DITCHES WILL BE CONSIDERED INCIDENTAL TO THE MAINTENANCE OF TRAFFIC. TEMPORARY DITCHES FOR EROSION CONTROL WILL BE MEASURED AND PAID IN ACCORDANCE WITH THE SPECIFICATIONS.	SUGGESTED PHASED CONSTRUCTION FOR PROPOSED DRAINAGE STRUCTURES AND PROPOSED DRAINAGE FACILITIES ARE INCLUDED FOR SOME PROPOSED DRAINAGE INSTALLATIONS INCLUDING BORE AND JACK INSTALLATIONS, PART WIDTH INSTALLATIONS, TEMPORARY DITCHES, ETC. SUGGESTIONS FOR PHASED CONSTRUCTION ARE NOT TO BE CONSIDERED THOROUGH OR COMPLETE. THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR CONSTRUCTION OF PIPES AND DRAINAGE FACILITIES NOT SPECIFICALLY ADDRESSED IN PHASING, BY PART WIDTH CONSTRUCTION BY USE OF ONE LANE TRAFFIC AND TEMPORARY TRAFFIC SIGNALS, CONTINUOUS OPERATIONS AND BACKFILL, STEEL PLATING, INSTALLATION OF TRAFFIC BOUND BASE FOR TEMPORARY PAVEMENT, AND TRENCH SHORING. TRAFFIC MAY BE ALLOWED TO RUN ON TRAFFIC BOUND BASE TRENCH CAPS WHILE TEMPORARY TRAFFIC SIGNALS ARE PRESENT. ALL PIPE TRENCHES ARE TO BE PAVED WITH ASPHALT BASE MATCHING THE DEPTH OF THE ORIGINAL PAVEMENT BEFORE RESTORING TO TRAFFIC IN THE ABSENCE OF TEMPORARY TRAFFIC SIGNALS. PAVING MATERIALS FOR TRENCH CAP WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE MATERIAL USED. IF THE CONTRACTOR ELECTS TO BORE/JACK ANY PIPE NOT SET UP FOR BORE/JACK IN THE ORIGINAL PLANS, THE CONTRACTOR WILL BARE ANY ADDITIONAL COSTS FOR BORING AND JACKING. TRAFFIC BOUND BASE OR DGA USED FOR TEMPORARY PAVEMENT FOR PART WIDTH CONSTRUCTION WILL BE PAID FOR AT THE CONTRACT UNIT PRICE. ALL OTHER COSTS ASSOCIATED WITH THE PART WIDTH OR PHASED CONSTRUCTION OF DRAINAGE STRUCTURES WILL BE CONSIDERED INCIDENTAL TO OTHER ITEMS IN THE CONTRACT.
	SCHOOL BUSES AND EMERGENCY VEHICLES - IF TRAFFIC IS STOPPED DUE TO CONSTRUCTION AND AN EMERGENCY VEHICLE ON AN EMERGENCY RUN OR A SCHOOL BUS ARRIVES AT THE PROJECT SITE, THE CONTRACTOR SHALL MAKE PROVISIONS FOR THE PASSAGE OF THAT VEHICLE AS QUICKLY AS POSSIBLE.			
	WEIGHT LIMIT DESIGNATIONS - THE CONTRACTOR SHALL OBSERVE ALL WEIGHT LIMIT DESIGNATIONS WHILE HAULING MATERIAL AND EQUIPMENT ON EXISTING PAVEMENTS. ANY DAMAGE TO EXISTING PAVEMENT CAUSED BY THE CONTRACTOR'S EQUIPMENT SHALL BE REPAIRED IMMEDIATELY, AT NO COST TO THE DEPARTMENT.			
	DURING CONSTRUCTION, IF THE CONTRACTOR MOVES EQUIPMENT, MATERIAL, ETC. BACK AND FORTH ACROSS PUBLIC ROADWAYS THAT REMAIN OPEN, SPECIAL PROVISIONS MAY BE REQUIRED BY THE ENGINEER. THIS MAY INCLUDE BUT NOT BE LIMITED TO, PROTECTION BY PLATING OR BY PROVIDING PLATFORMS, RE-PAVING OF EXISTING ROADWAYS, TEMPORARY TRAFFIC SIGNALS, SPECIAL SIGNING, OR LIGHTING TO EMPHASIZE THE CONSTRUCTION EQUIPMENT CROSSING THE ROADWAY, ALL OF WHICH SHALL BE INCIDENTAL TO LUMP SUM BID TO "MAINTAIN AND CONTROL TRAFFIC".			
	PLACE LEVELING AND WEDGING AS NEEDED AND AS DIRECTED BY THE ENGINEER TO RAMP TRAFFIC DOWN FROM ASPHALT BASE OVERLAYS TO EXISTING PAVEMENT AT THE LIMITS OF CONSTRUCTION PHASES. PROVIDE A TEMPORARY VERTICAL TAPER RATE OF 1":25' TO TRANSITION TRAFFIC BETWEEN PHASES THAT REQUIRE AN ELEVATION DIFFERENCE.			
	NOT USED			
17)	TRAFFIC CONTROL PLAN REVISIONS - PROPOSED CHANGES TO THE TRAFFIC CONTROL PLAN MAY BE CONSIDERED IN ACCORDANCE WITH SECTION 112.03.01 OF THE STANDARD SPECIFICATIONS.			
		TRAFFIC CONTROL NOTES		

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

TRAFFIC CONTROL NOTES – GENERAL PROJECT PHASING

COUNTY OF	ITEM NO.	SHEET NO.
Muhlenberg	2-8802.00	R56

PHASE I NOTES:

THE CONTRACTOR MAY CLOSE KY 181 TO TRAFFIC FOR:

FULL DEPTH RECONSTRUCTION, VERTICAL CURVE CORRECTION, AND SUBGRADE REPAIR ON KY 181 FROM STA 82+38 TO STA 84+37 FOR A PERIOD NOT TO EXCEED 60 CALENDAR DAYS.

PHASES I-V SHALL BE CONSTRUCTED IN A SINGLE 60 CALENDAR DAY PERIOD. THIS CLOSURE WILL BE LIMITED TO THE SUMMER MONTHS SO AS TO LIMIT THE IMPACTS TO NEARBY MUHLENBERG COUNTY HIGH SCHOOL.

LOCAL ACCESS - ACCESS TO LOCAL PROPERTIES AND APPROACH ROADS SHALL BE MAINTAINED AT ALL TIMES. SHOULD THE CONTRACTOR HAVE TO CLOSE ACCESS TO ANY PROPERTIES HE WILL BE REQUIRED TO COORDINATE SUCH OCCASION WITH THE OWNER AND GIVE THE OWNER A 48 HOUR NOTICE.

SCHOOL BUSES AND EMERGENCY VEHICLES - IF TRAFFIC IS STOPPED DUE TO CONSTRUCTION AND EMERGENCY VEHICLES ON AN EMERGENCY RUN OR A SCHOOL BUS ARRIVES AT THE PROJECT SITE, THE CONTRACTOR SHALL MAKE PROVISIONS FOR THE PASSAGE OF THAT VEHICLE AS QUICKLY AS POSSIBLE.

A DETOUR WILL BE SIGNED FOR THE DURATION OF THE ROAD CLOSURES.

THE CONTRACTOR MUST MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES.

SEE SHEET R57 FOR PROPOSED DETOUR FOR THIS PHASE.

PHASE II NOTES:

THE CONTRACTOR MAY CLOSE KY 181 TO TRAFFIC FOR:

FULL DEPTH RECONSTRUCTION AND VERTICAL CURVE CORRECTION ON KY 181 FROM STA 76+50 TO STA 92+00 FOR A PERIOD NOT TO EXCEED 60 CALENDAR DAYS.

PHASES I-V SHALL BE CONSTRUCTED IN A SINGLE 60 CALENDAR DAY PERIOD. THIS CLOSURE WILL BE LIMITED TO THE SUMMER MONTHS SO AS TO LIMIT THE IMPACTS TO NEARBY MUHLENBERG COUNTY HIGH SCHOOL.

LOCAL ACCESS - ACCESS TO LOCAL PROPERTIES AND APPROACH ROADS SHALL BE MAINTAINED AT ALL TIMES. SHOULD THE CONTRACTOR HAVE TO CLOSE ACCESS TO ANY PROPERTIES HE WILL BE REQUIRED TO COORDINATE SUCH OCCASION WITH THE OWNER AND GIVE THE OWNER A 48 HOUR NOTICE.

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A DETOUR WILL BE SIGNED FOR THE DURATION OF THE ROAD CLOSURES.

- SHIFT TRAFFIC TO THE EAST SIDE OF THE ROADWAY ALLOWING FOR ONE 9' DRIVING LANE.
- CLOSE AND CONSTRUCT SOUTHBOUND LANES FROM STA 76+11 TO STA. 91+61 WHILE LEAVING NORTHBOUND LANE OPEN TO LOCAL TRAFFIC.
- RECONSTRUCTION OF HENDERSON LANE WILL BE CONSTRUCTED ONE LANE AT A TIME USING TEMPORARY PAVEMENT, TO MAINTAIN ACCESS AT ALL TIMES.
- THE CONTRACTOR MUST MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES BY EXCAVATING IN LIFTS AND UTILIZING TRAFFIC BOUND BASE.

SEE SHEET R57 FOR PROPOSED DETOUR FOR THIS PHASE.

PHASE III NOTES:

THE CONTRACTOR MAY CLOSE KY 181 TO TRAFFIC FOR:

FULL DEPTH RECONSTRUCTION AND VERTICAL CURVE CORRECTION ON KY 181 FROM STA 76+50 TO STA 92+00 FOR A PERIOD NOT TO EXCEED 60 CALENDAR DAYS.

PHASES I-V SHALL BE CONSTRUCTED IN A SINGLE 60 CALENDAR DAY PERIOD. THIS CLOSURE WILL BE LIMITED TO THE SUMMER MONTHS SO AS TO LIMIT THE IMPACTS TO NEARBY MUHLENBERG COUNTY HIGH SCHOOL.

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A DETOUR WILL BE SIGNED FOR THE DURATION OF THE ROAD CLOSURES.

- SHIFT TRAFFIC TO THE WEST SIDE OF THE ROADWAY ALLOWING FOR ONE 9' DRIVING LANE.
- CLOSE AND CONSTRUCT NORTHBOUND LANES FROM STA 76+11 TO STA. 91+61 WHILE LEAVING SOUTHBOUND LANE OPEN TO LOCAL TRAFFIC.
- THE CONTRACTOR MUST MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES BY EXCAVATING IN LIFTS AND UTILIZING TRAFFIC BOUND BASE.

SEE SHEET R57 FOR PROPOSED DETOUR FOR THIS PHASE.

PHASE IV NOTES:

THE CONTRACTOR MAY CLOSE KY 181 TO TRAFFIC FOR:

FULL DEPTH RECONSTRUCTION AND SUBGRADE REPAIR ON KY 181 FROM STA 93+26 TO STA 95+08. ALSO, THE CONSTRUCTION OF THE BOX CULVERT AT STA. 94+31 FOR A PERIOD NOT TO EXCEED 60 CALENDAR DAYS.

PHASES I-V SHALL BE CONSTRUCTED IN A SINGLE 60 CALENDAR DAY PERIOD. THIS CLOSURE WILL BE LIMITED TO THE SUMMER MONTHS SO AS TO LIMIT THE IMPACTS TO NEARBY MUHLENBERG COUNTY HIGH SCHOOL.

LOCAL ACCESS - ACCESS TO LOCAL PROPERTIES AND APPROACH ROADS SHALL BE MAINTAINED AT ALL TIMES. SHOULD THE CONTRACTOR HAVE TO CLOSE ACCESS TO ANY PROPERTIES HE WILL BE REQUIRED TO COORDINATE SUCH OCCASION WITH THE OWNER AND GIVE THE OWNER A 48 HOUR NOTICE.

SCHOOL BUSES AND EMERGENCY VEHICLES - IF TRAFFIC IS STOPPED DUE TO CONSTRUCTION AND EMERGENCY VEHICLES ON AN EMERGENCY RUN OR A SCHOOL BUS ARRIVES AT THE PROJECT SITE, THE CONTRACTOR SHALL MAKE PROVISIONS FOR THE PASSAGE OF THAT VEHICLE AS QUICKLY AS POSSIBLE.

A DETOUR WILL BE SIGNED FOR THE DURATION OF THE ROAD CLOSURES.

THE CONTRACTOR MUST MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES.

SEE SHEET R57 FOR PROPOSED DETOUR FOR THIS PHASE.

PHASE V NOTES:

THE CONTRACTOR MAY CLOSE KY 181 TO TRAFFIC FOR:

FULL DEPTH RECONSTRUCTION AND SUBGRADE REPAIR ON KY 181 FROM STA 99+50 TO STA 100+13. ALSO, THE CONSTRUCTION OF THE BOX CULVERT AT STA. 99+34 FOR A PERIOD NOT TO EXCEED 60 CALENDAR DAYS.

PHASES I-V SHALL BE CONSTRUCTED IN A SINGLE 60 CALENDAR DAY PERIOD. THIS CLOSURE WILL BE LIMITED TO THE SUMMER MONTHS SO AS TO LIMIT THE IMPACTS TO NEARBY MUHLENBERG COUNTY HIGH SCHOOL.

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SCHOOL BUSES AND EMERGENCY VEHICLES - IF TRAFFIC IS STOPPED DUE TO CONSTRUCTION AND EMERGENCY VEHICLES ON AN EMERGENCY RUN OR A SCHOOL BUS ARRIVES AT THE PROJECT SITE, THE CONTRACTOR SHALL MAKE PROVISIONS FOR THE PASSAGE OF THAT VEHICLE AS QUICKLY AS POSSIBLE.

A DETOUR WILL BE SIGNED FOR THE DURATION OF THE ROAD CLOSURES.

THE CONTRACTOR MUST MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES.

SEE SHEET R57 FOR PROPOSED DETOUR FOR THIS PHASE.

PHASE VI NOTES:

THE CONTRACTOR MAY CLOSE KY 181 TO TRAFFIC FOR:

FULL DEPTH RECONSTRUCTION ON KY 181 AT KY 2533/NEBO CEMETERY ROAD INTERSECTION FROM STA. 130+00 TO STA. 142+00 FOR A PERIOD NOT TO EXCEED 60 CALENDAR DAYS.

PHASES VI-VII SHALL BE CONSTRUCTED IN A SINGLE 60 CALENDAR DAY PERIOD. THIS CLOSURE WILL BE LIMITED TO THE SUMMER MONTHS SO AS TO LIMIT THE IMPACTS TO NEARBY MUHLENBERG COUNTY HIGH SCHOOL.

LOCAL ACCESS - ACCESS TO LOCAL PROPERTIES AND APPROACH ROADS SHALL BE MAINTAINED AT ALL TIMES. SHOULD THE CONTRACTOR HAVE TO CLOSE ACCESS TO ANY PROPERTIES HE WILL BE REQUIRED TO COORDINATE SUCH OCCASION WITH THE OWNER AND GIVE THE OWNER A 48 HOUR NOTICE.

SCHOOL BUSES AND EMERGENCY VEHICLES - IF TRAFFIC IS STOPPED DUE TO CONSTRUCTION AND EMERGENCY VEHICLES ON AN EMERGENCY RUN OR A SCHOOL BUS ARRIVES AT THE PROJECT SITE, THE CONTRACTOR SHALL MAKE PROVISIONS FOR THE PASSAGE OF THAT VEHICLE AS QUICKLY AS POSSIBLE.

A DETOUR WILL BE SIGNED FOR THE DURATION OF THE ROAD CLOSURES.

- SHIFT TRAFFIC TO THE EAST SIDE OF THE ROADWAY ALLOWING FOR ONE 9' DRIVING LANE.
- CLOSE AND CONSTRUCT SOUTHBOUND LANES FROM STA 130+00 TO STA. 142+00 WHILE LEAVING NORTHBOUND LANE OPEN TO LOCAL TRAFFIC.
- THE CONTRACTOR MUST MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES BY EXCAVATING IN LIFTS AND UTILIZING TRAFFIC BOUND BASE.

SEE SHEET R58 FOR PROPOSED DETOUR FOR THIS PHASE.

PHASE VII NOTES:

THE CONTRACTOR MAY CLOSE KY 181 TO TRAFFIC FOR:

FULL DEPTH RECONSTRUCTION ON KY 181 AT KY 2533/NEBO CEMETERY ROAD INTERSECTION FROM STA. 130+00 TO STA. 142+00 FOR A PERIOD NOT TO EXCEED 60 CALENDAR DAYS.

PHASES VI-VII SHALL BE CONSTRUCTED IN A SINGLE 60 CALENDAR DAY PERIOD. THIS CLOSURE WILL BE LIMITED TO THE SUMMER MONTHS SO AS TO LIMIT THE IMPACTS TO NEARBY MUHLENBERG COUNTY HIGH SCHOOL.

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SCHOOL BUSES AND EMERGENCY VEHICLES - IF TRAFFIC IS STOPPED DUE TO CONSTRUCTION AND EMERGENCY VEHICLES ON AN EMERGENCY RUN OR A SCHOOL BUS ARRIVES AT THE PROJECT SITE, THE CONTRACTOR SHALL MAKE PROVISIONS FOR THE PASSAGE OF THAT VEHICLE AS QUICKLY AS POSSIBLE.

A DETOUR WILL BE SIGNED FOR THE DURATION OF THE ROAD CLOSURES.

- SHIFT TRAFFIC TO THE WEST SIDE OF THE ROADWAY ALLOWING FOR ONE 9' DRIVING LANE.
- CLOSE AND CONSTRUCT NORTHBOUND LANES FROM STA 130+00 TO STA. 142+00 WHILE LEAVING SOUTHBOUND LANE OPEN TO LOCAL TRAFFIC.
- THE CONTRACTOR MUST MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES BY EXCAVATING IN LIFTS AND UTILIZING TRAFFIC BOUND BASE.

SEE SHEET R58 FOR PROPOSED DETOUR FOR THIS PHASE.

PHASE VIII NOTES:

- CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES.
- SHIFT TRAFFIC TO THE EAST SIDE OF THE ROADWAY ALLOWING FOR TWO 9' DRIVING LANES.
- CONSTRUCT 4' SHOULDER FROM STA 50+44.60 TO STA 76+50, FROM STA 92+00 TO STA 130+00, AND FROM STA 142+00 TO STA 165+50 THROUGH FINAL BASE COURSE.
- UTILIZE TEMPORARY LANE CLOSURES AND TEMPORARY TRAFFIC SIGNALS TO DEVELOP DRIVING LANES WITH LEVEL AND WEDGING.

PHASE IX NOTES:

- CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES.
- SHIFT TRAFFIC TO THE WEST SIDE OF THE ROADWAY ALLOWING FOR TWO 9' DRIVING LANES.
- CONSTRUCT 4' SHOULDER FROM STA 50+44.60 TO STA 76+50, FROM STA 92+00 TO STA 130+00, AND FROM STA 142+00 TO STA 165+50 THROUGH FINAL BASE COURSE.
- UTILIZE TEMPORARY LANE CLOSURES AND TEMPORARY TRAFFIC SIGNALS TO DEVELOP DRIVING LANES WITH LEVEL AND WEDGING.

PHASE X NOTES:

- CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES.
- UTILIZE TEMPORARY LANE CLOSURES AND TEMPORARY TRAFFIC SIGNALS TO DEVELOP FINAL SURFACE COURSE FOR DRIVING LANES AND SHOULDERS.

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

TRAFFIC CONTROL NOTES – GENERAL PROJECT PHASING

COUNTY OF	ITEM NO.	SHEET NO.
Muhlenberg	2-8802.00	R56

REVISED: 3-19-26

PHASE I NOTES:

THE CONTRACTOR MAY CLOSE KY 181 TO TRAFFIC FOR:

FULL DEPTH RECONSTRUCTION, VERTICAL CURVE CORRECTION, AND SUBGRADE REPAIR ON KY 181 FROM STA 82+38 TO STA 84+37 FOR A PERIOD NOT TO EXCEED 60 CALENDAR DAYS.

PHASES I-V SHALL BE CONSTRUCTED IN A SINGLE 60 CALENDAR DAY PERIOD. THIS CLOSURE WILL BE LIMITED TO THE SUMMER MONTHS SO AS TO LIMIT THE IMPACTS TO NEARBY MUHLENBERG COUNTY HIGH SCHOOL.

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SCHOOL BUSES AND EMERGENCY VEHICLES - IF TRAFFIC IS STOPPED DUE TO CONSTRUCTION AND EMERGENCY VEHICLES ON AN EMERGENCY RUN OR A SCHOOL BUS ARRIVES AT THE PROJECT SITE, THE CONTRACTOR SHALL MAKE PROVISIONS FOR THE PASSAGE OF THAT VEHICLE AS QUICKLY AS POSSIBLE.

A DETOUR WILL BE SIGNED FOR THE DURATION OF THE ROAD CLOSURES.

THE CONTRACTOR MUST MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES.

SEE SHEET R57 FOR PROPOSED DETOUR FOR THIS PHASE.

PHASE II NOTES:

THE CONTRACTOR MAY CLOSE KY 181 TO TRAFFIC FOR:

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- SHIFT TRAFFIC TO THE EAST SIDE OF THE ROADWAY ALLOWING FOR ONE 9' DRIVING LANE.
- CLOSE AND CONSTRUCT SOUTHBOUND LANES FROM STA 76+11 TO STA. 91+61 WHILE LEAVING NORTHBOUND LANE OPEN TO LOCAL TRAFFIC.
- RECONSTRUCTION OF HENDERSON LANE WILL BE CONSTRUCTED ONE LANE AT A TIME USING TEMPORARY PAVEMENT, TO MAINTAIN ACCESS AT ALL TIMES.
- THE CONTRACTOR MUST MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES BY EXCAVATING IN LIFTS AND UTILIZING TRAFFIC BOUND BASE.

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PHASE III NOTES:

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PHASE IV NOTES:

THE CONTRACTOR MAY CLOSE KY 181 TO TRAFFIC FOR:

FULL DEPTH RECONSTRUCTION AND SUBGRADE REPAIR ON KY 181 FROM STA 93+26 TO STA 95+08. ALSO, THE CONSTRUCTION OF THE BOX CULVERT AT STA. 94+31 FOR A PERIOD NOT TO EXCEED 60 CALENDAR DAYS.

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THE CONTRACTOR MAY CLOSE KY 181 TO TRAFFIC FOR:

FULL DEPTH RECONSTRUCTION AND SUBGRADE REPAIR ON KY 181 FROM STA 99+50 TO STA 100+13. ALSO, THE CONSTRUCTION OF THE BOX CULVERT AT STA. 99+34 FOR A PERIOD NOT TO EXCEED 60 CALENDAR DAYS.

PHASES I-V SHALL BE CONSTRUCTED IN A SINGLE 60 CALENDAR DAY PERIOD. THIS CLOSURE WILL BE LIMITED TO THE SUMMER MONTHS SO AS TO LIMIT THE IMPACTS TO NEARBY MUHLENBERG COUNTY HIGH SCHOOL.

LOCAL ACCESS - ACCESS TO LOCAL PROPERTIES AND APPROACH ROADS SHALL BE MAINTAINED AT ALL TIMES. SHOULD THE CONTRACTOR HAVE TO CLOSE ACCESS TO ANY PROPERTIES HE WILL BE REQUIRED TO COORDINATE SUCH OCCASION WITH THE OWNER AND GIVE THE OWNER A 48 HOUR NOTICE.

SCHOOL BUSES AND EMERGENCY VEHICLES - IF TRAFFIC IS STOPPED DUE TO CONSTRUCTION AND EMERGENCY VEHICLES ON AN EMERGENCY RUN OR A SCHOOL BUS ARRIVES AT THE PROJECT SITE, THE CONTRACTOR SHALL MAKE PROVISIONS FOR THE PASSAGE OF THAT VEHICLE AS QUICKLY AS POSSIBLE.

A DETOUR WILL BE SIGNED FOR THE DURATION OF THE ROAD CLOSURES.

THE CONTRACTOR MUST MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES.

SEE SHEET R57 FOR PROPOSED DETOUR FOR THIS PHASE.

PHASE VI NOTES:

THE CONTRACTOR MAY CLOSE KY 181 TO TRAFFIC FOR:

FULL DEPTH RECONSTRUCTION ON KY 181 AT KY 2533/NEBO CEMETERY ROAD INTERSECTION FROM STA. 130+00 TO STA. 142+00 FOR A PERIOD NOT TO EXCEED 60 CALENDAR DAYS.

PHASES VI-VII SHALL BE CONSTRUCTED IN A SINGLE 60 CALENDAR DAY PERIOD. THIS CLOSURE WILL BE LIMITED TO THE SUMMER MONTHS SO AS TO LIMIT THE IMPACTS TO NEARBY MUHLENBERG COUNTY HIGH SCHOOL.

LOCAL ACCESS - ACCESS TO LOCAL PROPERTIES AND APPROACH ROADS SHALL BE MAINTAINED AT ALL TIMES. SHOULD THE CONTRACTOR HAVE TO CLOSE ACCESS TO ANY PROPERTIES HE WILL BE REQUIRED TO COORDINATE SUCH OCCASION WITH THE OWNER AND GIVE THE OWNER A 48 HOUR NOTICE.

SCHOOL BUSES AND EMERGENCY VEHICLES - IF TRAFFIC IS STOPPED DUE TO CONSTRUCTION AND EMERGENCY VEHICLES ON AN EMERGENCY RUN OR A SCHOOL BUS ARRIVES AT THE PROJECT SITE, THE CONTRACTOR SHALL MAKE PROVISIONS FOR THE PASSAGE OF THAT VEHICLE AS QUICKLY AS POSSIBLE.

A DETOUR WILL BE SIGNED FOR THE DURATION OF THE ROAD CLOSURES.

- SHIFT TRAFFIC TO THE EAST SIDE OF THE ROADWAY ALLOWING FOR ONE 9' DRIVING LANE.
- CLOSE AND CONSTRUCT SOUTHBOUND LANES FROM STA 130+00 TO STA. 142+00 WHILE LEAVING NORTHBOUND LANE OPEN TO LOCAL TRAFFIC.
- THE CONTRACTOR MUST MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES BY EXCAVATING IN LIFTS AND UTILIZING TRAFFIC BOUND BASE.

SEE SHEET R58 FOR PROPOSED DETOUR FOR THIS PHASE.

PHASE VII NOTES:

THE CONTRACTOR MAY CLOSE KY 181 TO TRAFFIC FOR:

FULL DEPTH RECONSTRUCTION ON KY 181 AT KY 2533/NEBO CEMETERY ROAD INTERSECTION FROM STA. 130+00 TO STA. 142+00 FOR A PERIOD NOT TO EXCEED 60 CALENDAR DAYS.

PHASES VI-VII SHALL BE CONSTRUCTED IN A SINGLE 60 CALENDAR DAY PERIOD. THIS CLOSURE WILL BE LIMITED TO THE SUMMER MONTHS SO AS TO LIMIT THE IMPACTS TO NEARBY MUHLENBERG COUNTY HIGH SCHOOL.

LOCAL ACCESS - ACCESS TO LOCAL PROPERTIES AND APPROACH ROADS SHALL BE MAINTAINED AT ALL TIMES. SHOULD THE CONTRACTOR HAVE TO CLOSE ACCESS TO ANY PROPERTIES HE WILL BE REQUIRED TO COORDINATE SUCH OCCASION WITH THE OWNER AND GIVE THE OWNER A 48 HOUR NOTICE.

SCHOOL BUSES AND EMERGENCY VEHICLES - IF TRAFFIC IS STOPPED DUE TO CONSTRUCTION AND EMERGENCY VEHICLES ON AN EMERGENCY RUN OR A SCHOOL BUS ARRIVES AT THE PROJECT SITE, THE CONTRACTOR SHALL MAKE PROVISIONS FOR THE PASSAGE OF THAT VEHICLE AS QUICKLY AS POSSIBLE.

A DETOUR WILL BE SIGNED FOR THE DURATION OF THE ROAD CLOSURES.

- SHIFT TRAFFIC TO THE WEST SIDE OF THE ROADWAY ALLOWING FOR ONE 9' DRIVING LANE.
- CLOSE AND CONSTRUCT NORTHBOUND LANES FROM STA 130+00 TO STA. 142+00 WHILE LEAVING SOUTHBOUND LANE OPEN TO LOCAL TRAFFIC.
- THE CONTRACTOR MUST MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES BY EXCAVATING IN LIFTS AND UTILIZING TRAFFIC BOUND BASE.

SEE SHEET R58 FOR PROPOSED DETOUR FOR THIS PHASE.

PHASE VIII NOTES:

- CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES.
- SHIFT TRAFFIC TO THE EAST SIDE OF THE ROADWAY ALLOWING FOR TWO 9' DRIVING LANES.
- CONSTRUCT 4' SHOULDER FROM STA 50+44.60 TO STA 76+50, FROM STA 92+00 TO STA 130+00, AND FROM STA 142+00 TO STA 165+50 THROUGH FINAL BASE COURSE.
- UTILIZE TEMPORARY LANE CLOSURES AND TEMPORARY TRAFFIC SIGNALS TO DEVELOP DRIVING LANES WITH LEVEL AND WEDGING.

PHASE IX NOTES:

- CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES.
- SHIFT TRAFFIC TO THE WEST SIDE OF THE ROADWAY ALLOWING FOR TWO 9' DRIVING LANES.
- CONSTRUCT 4' SHOULDER FROM STA 50+44.60 TO STA 76+50, FROM STA 92+00 TO STA 130+00, AND FROM STA 142+00 TO STA 165+50 THROUGH FINAL BASE COURSE.
- UTILIZE TEMPORARY LANE CLOSURES AND TEMPORARY TRAFFIC SIGNALS TO DEVELOP DRIVING LANES WITH LEVEL AND WEDGING.

PHASE X NOTES:

- CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES.
- UTILIZE TEMPORARY LANE CLOSURES AND TEMPORARY TRAFFIC SIGNALS TO DEVELOP FINAL SURFACE COURSE FOR DRIVING LANES AND SHOULDERS.

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

USER: nmaxfield
DATE PLOTTED: September 7, 2005

OpenRoads Designer v10.14.4.4

LEGEND

DIRECTION OF TRAFFIC

PHASE ITEM NUMBER

PHASE VIII CONSTRUCT TO SUBGRADE

PHASE VIII CONSTRUCT TO FINAL BASE

CONSTRUCTED IN PREVIOUS PHASE (SUBGRADE)

CONSTRUCTED IN PREVIOUS PHASE

TEMP CONC MED BARRIER

CRASH CUSHION

T.C.D. (DRUMS)

COUNTY OF	ITEM NO.	SHEET NO.
Muhlenberg	2-8802.00	R66

BEGIN ROW
STA. 52+45.00

BEGIN CONST.
STA. 50+44.60

PHASE VI NOTES:

1. CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES.
2. SHIFT TRAFFIC TO THE EAST SIDE OF THE ROADWAY ALLOWING FOR TWO 9' DRIVING LANES.
3. CONSTRUCT 4' SHOULDER FROM STA 50+44.60 TO STA 76+50 THROUGH FINAL BASE COURSE.
4. UTILIZE TEMPORARY LANE CLOSURES AND TEMPORARY TRAFFIC SIGNALS TO DEVELOP DRIVING LANES WITH LEVEL AND WEDGING

SCALE: 1" = 100'

MAINTENANCE OF TRAFFIC - PHASE VIII
KY 181
STA 50+00.00 TO STA 73+00.00

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

USER: nmaxfield

DATE PLOTTED: September 7, 2005

OpenRoads Designer v10.14.4.4

LEGEND

DIRECTION OF TRAFFIC

PHASE ITEM NUMBER

PHASE VIII CONSTRUCT TO SUBGRADE

PHASE VIII CONSTRUCT TO FINAL BASE

CONSTRUCTED IN PREVIOUS PHASE (SUBGRADE)

CONSTRUCTED IN PREVIOUS PHASE

TEMP CONC MED BARRIER

CRASH CUSHION

T.C.D. (DRUMS)

COUNTY OF	ITEM NO.	SHEET NO.
Muhlenberg	2-8802.00	R66

REVISED: 3-19-26

BEGIN ROW
STA. 52+45.00

BEGIN CONST.
STA. 50+44.60

PHASE VI NOTES:
1. CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES.
2. SHIFT TRAFFIC TO THE EAST SIDE OF THE ROADWAY ALLOWING FOR TWO 9' DRIVING LANES.
3. CONSTRUCT 4' SHOULDER FROM STA 50+44.60 TO STA 76+50 THROUGH FINAL BASE COURSE.
4. UTILIZE TEMPORARY LANE CLOSURES AND TEMPORARY TRAFFIC SIGNALS TO DEVELOP DRIVING LANES WITH LEVEL AND WEDGING

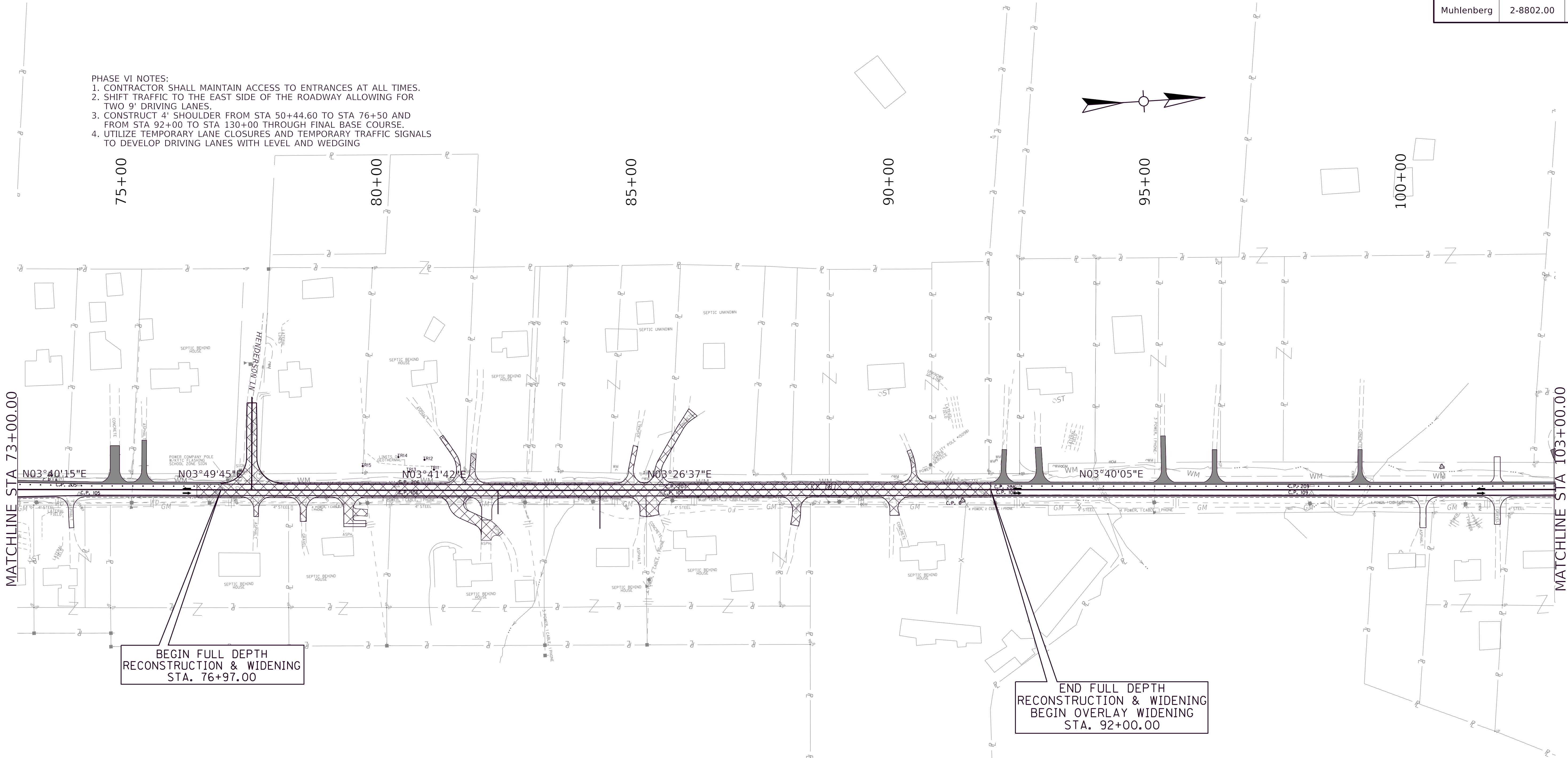
The main plan view shows a horizontal road alignment with stationing markers at 50+00, 55+00, 60+00, 65+00, and 70+00. The road is flanked by property lines and easements, with various utility lines (power, cable, phone) and structures (buildings, trees) shown. Construction details include temporary concrete medians, crash cushions, and traffic control drums. A north arrow is located in the upper right corner.

The cross-section diagram illustrates the road's width and lane configuration. It shows a 2' paved shoulder on the left, followed by a 4' shoulder, a 9' driving lane, and another 9' driving lane. A grade point is indicated with a vertical line and a downward arrow. The diagram also shows a 4:1 slope on the left side.

A graphic scale bar is provided at the bottom right, showing distances in feet from 0' to 400'. The bar is divided into segments of 100 feet each.

MAINTENANCE OF TRAFFIC - PHASE VIII
KY 181
STA 50+00.00 TO STA 73+00.00

SCALE: 1" = 100'



MATCHLINE STA 73+00.00

MATCHLINE STA 103+00.00

BEGIN FULL DEPTH
RECONSTRUCTION & WIDENING
STA. 76+97.00

END FULL DEPTH
RECONSTRUCTION & WIDENING
BEGIN OVERLAY WIDENING
STA. 92+00.00

LEGEND

DIRECTION OF TRAFFIC

PHASE ITEM NUMBER

PHASE VIII CONSTRUCT TO SUBGRADE

PHASE VIII CONSTRUCT TO FINAL BASE

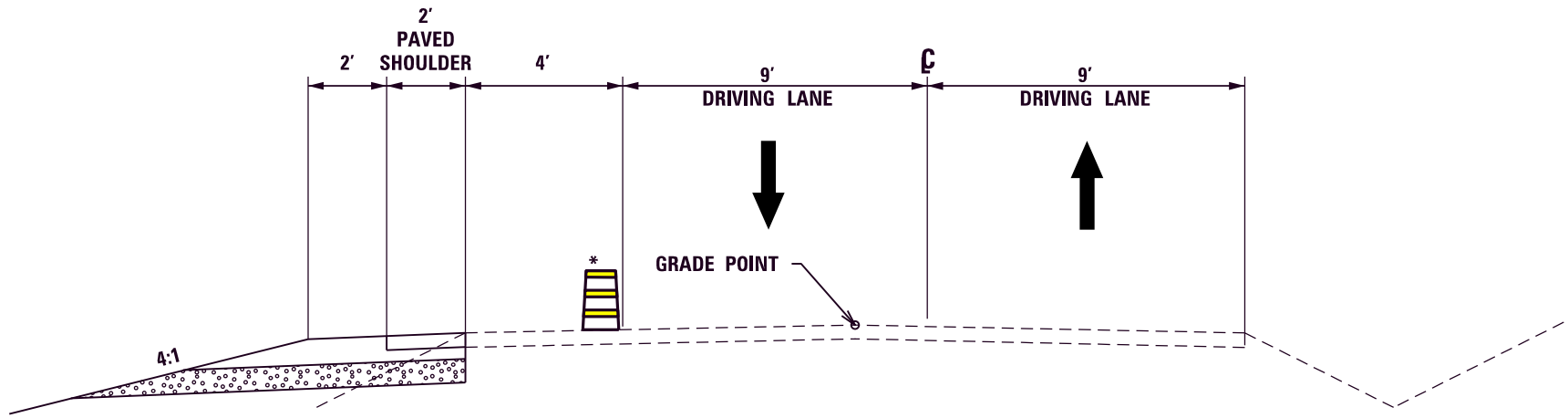
CONSTRUCTED IN PREVIOUS PHASE (SUBGRADE)

CONSTRUCTED IN PREVIOUS PHASE

TEMP CONC MED BARRIER

CRASH CUSHION

T.C.D. (DRUMS)



SCALE: 1" = 100'

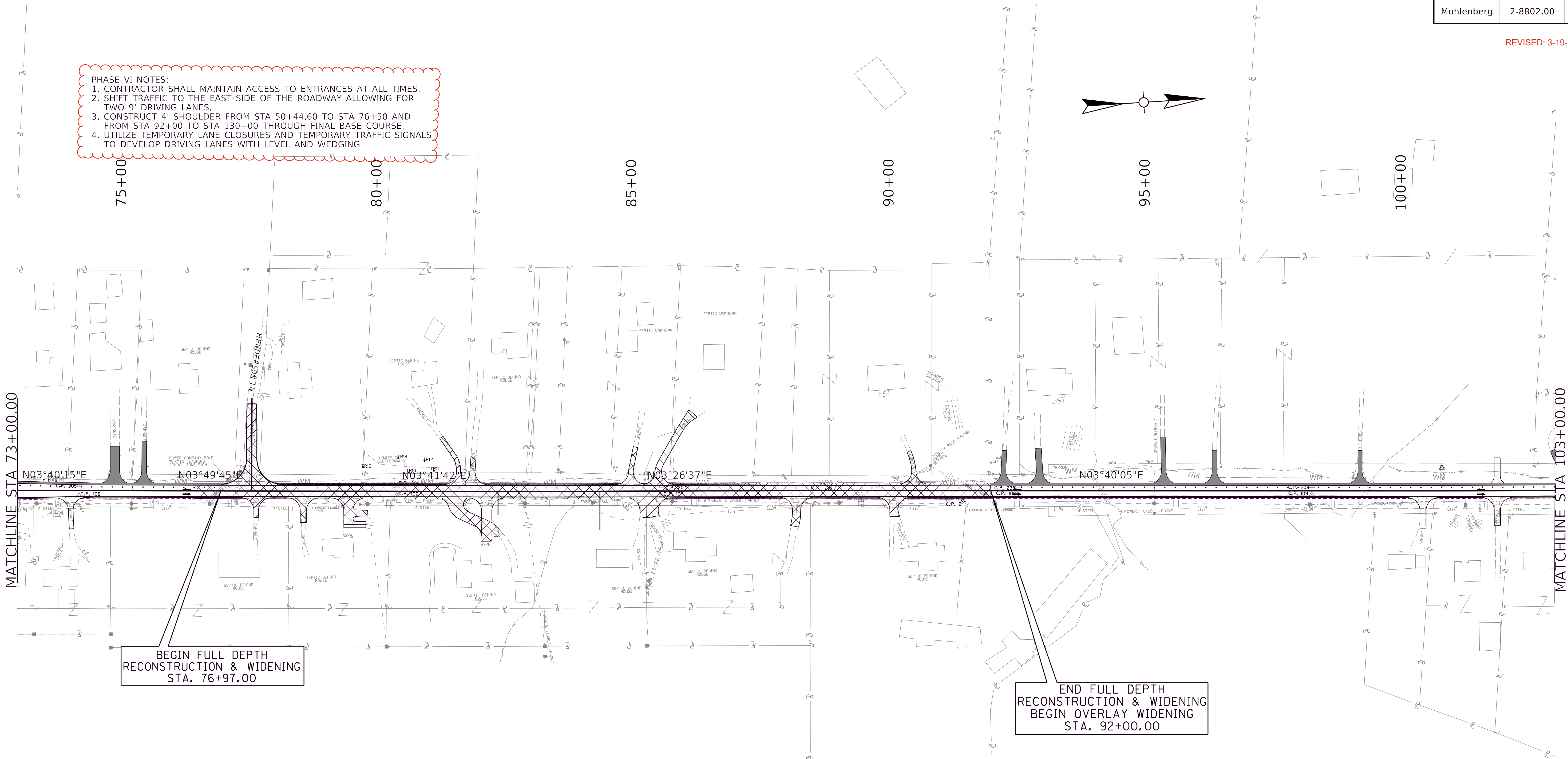
MAINTENANCE OF TRAFFIC - PHASE VIII
KY 181
STA 73+00.00 TO STA 103+00.00

REVISED: 3-19-26

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

USER: rmaxfield
DATE PLOTTED: September 7, 2005

OpenRoads Designer v10.14.4.4



LEGEND

DIRECTION OF TRAFFIC

PHASE ITEM NUMBER

PHASE VIII CONSTRUCT TO SUBGRADE

PHASE VIII CONSTRUCT TO FINAL BASE

CONSTRUCTED IN PREVIOUS PHASE (SUBGRADE)

CONSTRUCTED IN PREVIOUS PHASE

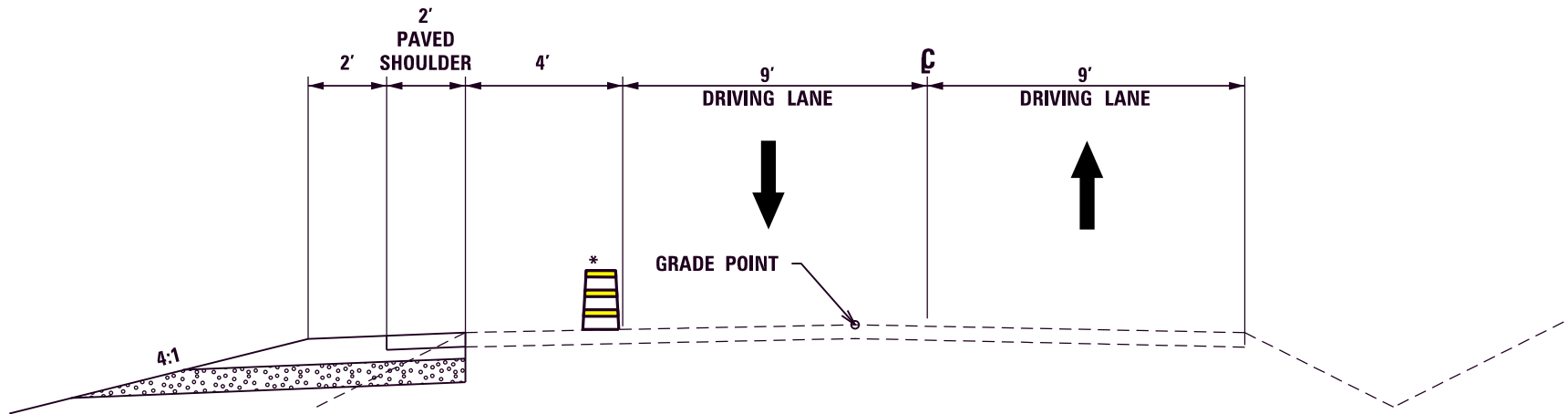
TEMP CONC MED BARRIER

CRASH CUSHION

T.C.D. (DRUMS)

END FULL DEPTH
RECONSTRUCTION & WIDENING
BEGIN OVERLAY WIDENING
STA. 92+00.00

BEGIN FULL DEPTH
RECONSTRUCTION & WIDENING
STA. 76+97.00



SCALE: 1" = 100'

MAINTENANCE OF TRAFFIC - PHASE VIII
KY 181
STA 73+00.00 TO STA 103+00.00

COUNTY OF	ITEM NO.	SHEET NO.
Muhlenberg	2-8802.00	R68

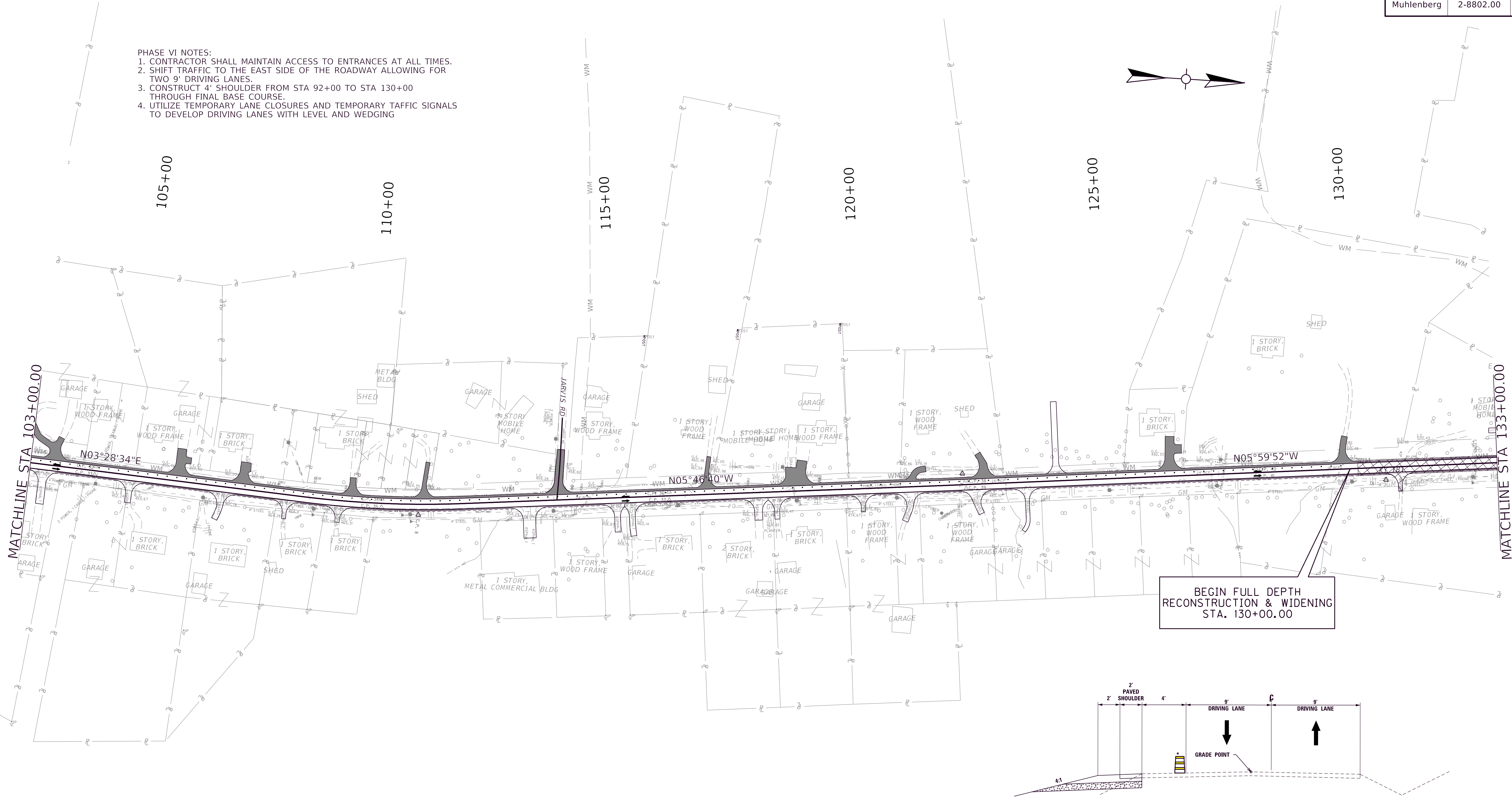
FILE NAME: F:\ENGR\HD\355.05 KY 181 WIDENING - MUHLENBERG\PHASE II\CAD\PLAN PRODUCTION\PLAN02_8802_R_PLANDGN

USER: mmaxfield
DATE PLOTTED: September 7, 2005

OpenRoads Designer v10.14.4.4

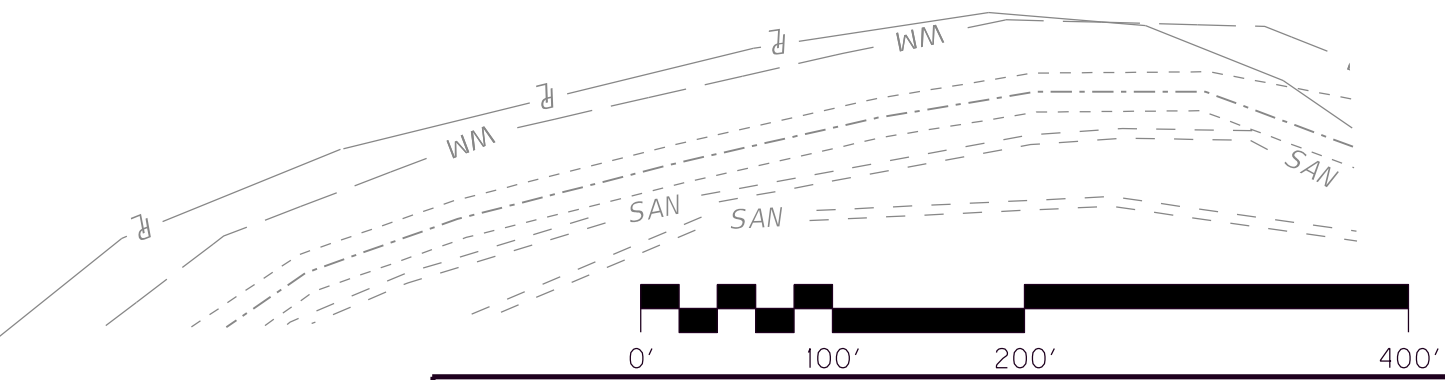
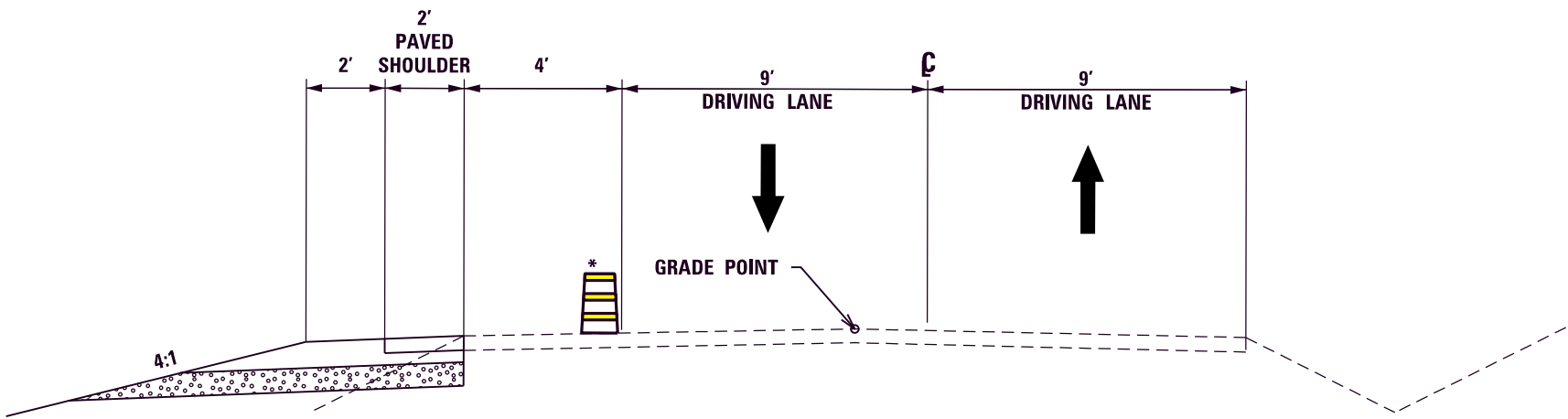
PHASE VI NOTES:

1. CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES.
2. SHIFT TRAFFIC TO THE EAST SIDE OF THE ROADWAY ALLOWING FOR TWO 9' DRIVING LANES.
3. CONSTRUCT 4' SHOULDER FROM STA 92+00 TO STA 130+00 THROUGH FINAL BASE COURSE.
4. UTILIZE TEMPORARY LANE CLOSURES AND TEMPORARY TRAFFIC SIGNALS TO DEVELOP DRIVING LANES WITH LEVEL AND WEDGING



LEGEND

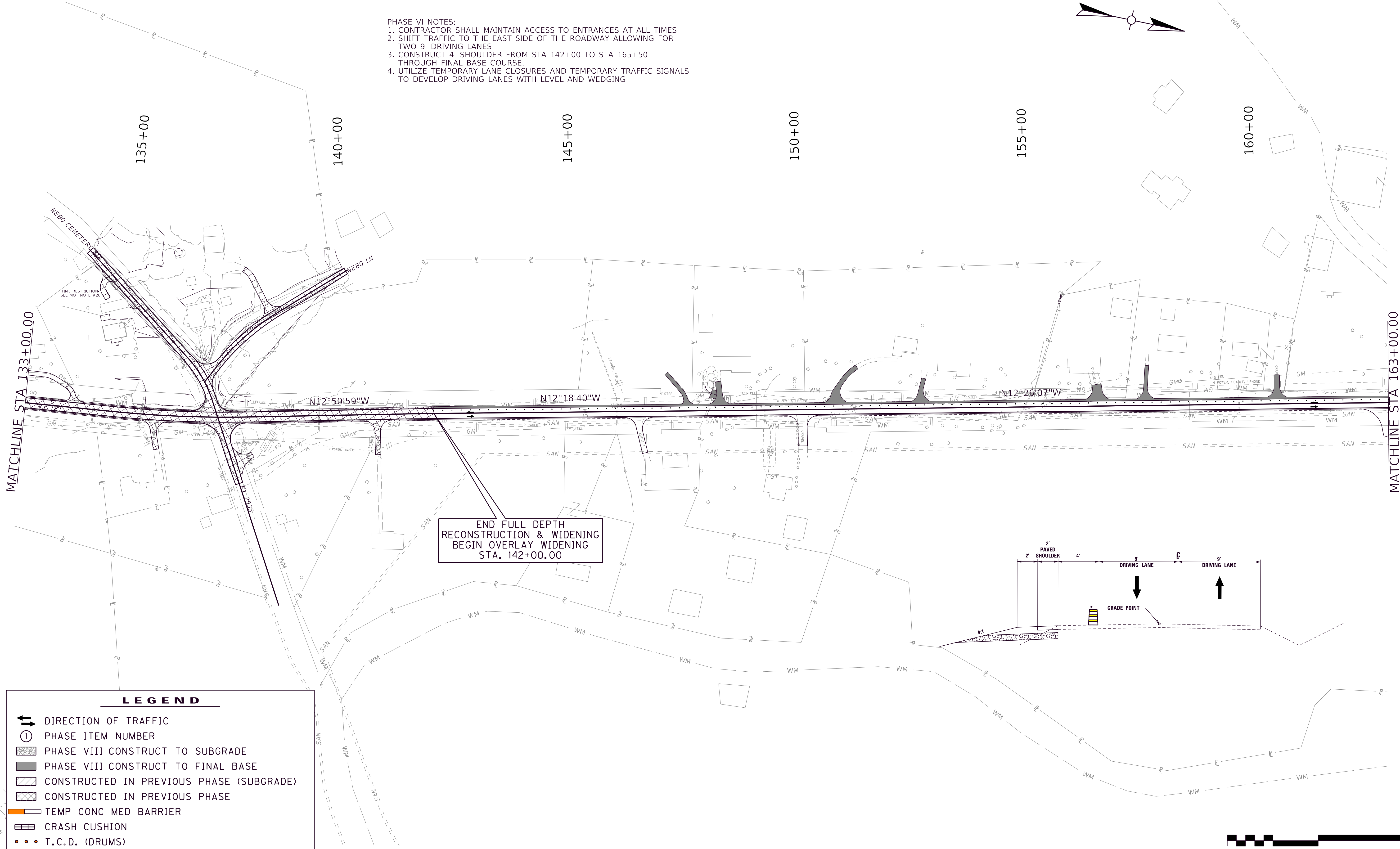
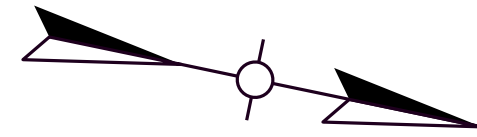
- DIRECTION OF TRAFFIC
- PHASE ITEM NUMBER
- PHASE VIII CONSTRUCT TO SUBGRADE
- PHASE VIII CONSTRUCT TO FINAL BASE
- CONSTRUCTED IN PREVIOUS PHASE (SUBGRADE)
- CONSTRUCTED IN PREVIOUS PHASE
- TEMP CONC MED BARRIER
- CRASH CUSHION
- T.C.D. (DRUMS)



SCALE: 1" = 100'

MAINTENANCE OF TRAFFIC - PHASE VIII
KY 181
STA 103+00.00 TO STA 133+00.00

- PHASE VI NOTES:
1. CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES.
 2. SHIFT TRAFFIC TO THE EAST SIDE OF THE ROADWAY ALLOWING FOR TWO 9' DRIVING LANES.
 3. CONSTRUCT 4' SHOULDER FROM STA 142+00 TO STA 165+50 THROUGH FINAL BASE COURSE.
 4. UTILIZE TEMPORARY LANE CLOSURES AND TEMPORARY TRAFFIC SIGNALS TO DEVELOP DRIVING LANES WITH LEVEL AND WEDGING



LEGEND

- DIRECTION OF TRAFFIC
- ① PHASE ITEM NUMBER
- PHASE VIII CONSTRUCT TO SUBGRADE
- PHASE VIII CONSTRUCT TO FINAL BASE
- CONSTRUCTED IN PREVIOUS PHASE (SUBGRADE)
- CONSTRUCTED IN PREVIOUS PHASE
- TEMP CONC MED BARRIER
- CRASH CUSHION
- T.C.D. (DRUMS)



SCALE: 1" = 100'

MAINTENANCE OF TRAFFIC - PHASE VIII
KY 181
STA 133+00.00 TO STA 163+00.00

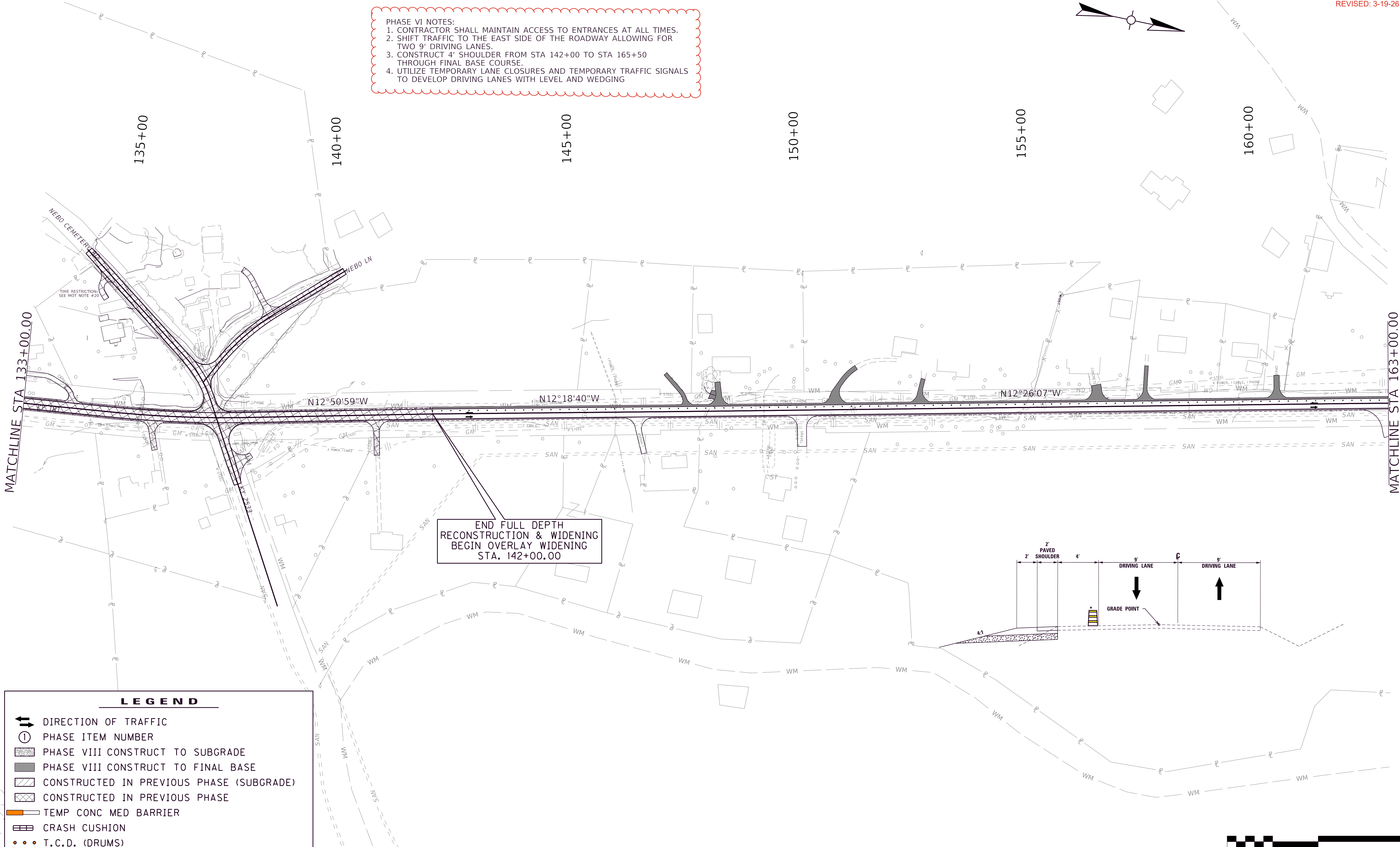
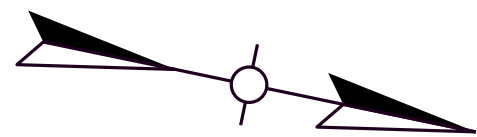
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USER: rmaxfield
DATE PLOTTED: September 7, 2005

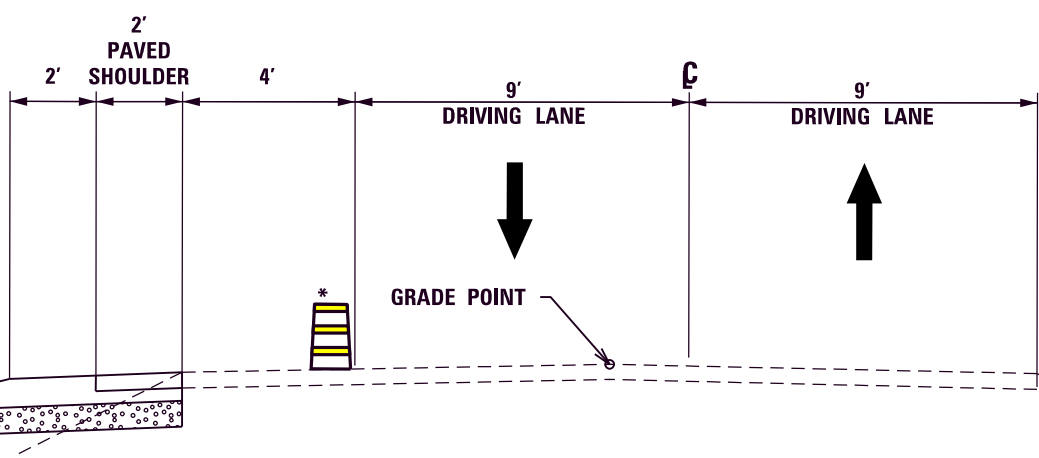
OpenRoads Designer v10.14.4.4

REVISED: 3-19-26

PHASE VI NOTES:
1. CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES.
2. SHIFT TRAFFIC TO THE EAST SIDE OF THE ROADWAY ALLOWING FOR TWO 9' DRIVING LANES.
3. CONSTRUCT 4' SHOULDER FROM STA 142+00 TO STA 165+50 THROUGH FINAL BASE COURSE.
4. UTILIZE TEMPORARY LANE CLOSURES AND TEMPORARY TRAFFIC SIGNALS TO DEVELOP DRIVING LANES WITH LEVEL AND WEDGING



END FULL DEPTH
RECONSTRUCTION & WIDENING
BEGIN OVERLAY WIDENING
STA. 142+00.00



MAINTENANCE OF TRAFFIC - PHASE VIII
KY 181
STA 133+00.00 TO STA 163+00.00

SCALE: 1" = 100'

LEGEND

DIRECTION OF TRAFFIC

PHASE ITEM NUMBER

PHASE VIII CONSTRUCT TO SUBGRADE

PHASE VIII CONSTRUCT TO FINAL BASE

CONSTRUCTED IN PREVIOUS PHASE (SUBGRADE)

CONSTRUCTED IN PREVIOUS PHASE

TEMP CONC MED BARRIER

CRASH CUSHION

T.C.D. (DRUMS)

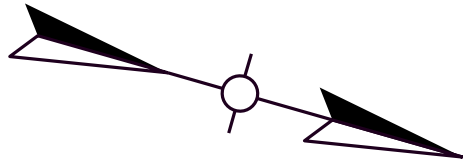
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USER: rmaxfield
DATE PLOTTED: September 7, 2005

OpenRoads Designer v10.14.4.4

COUNTY OF	ITEM NO.	SHEET NO.
Muhlenberg	2-8802.00	R70

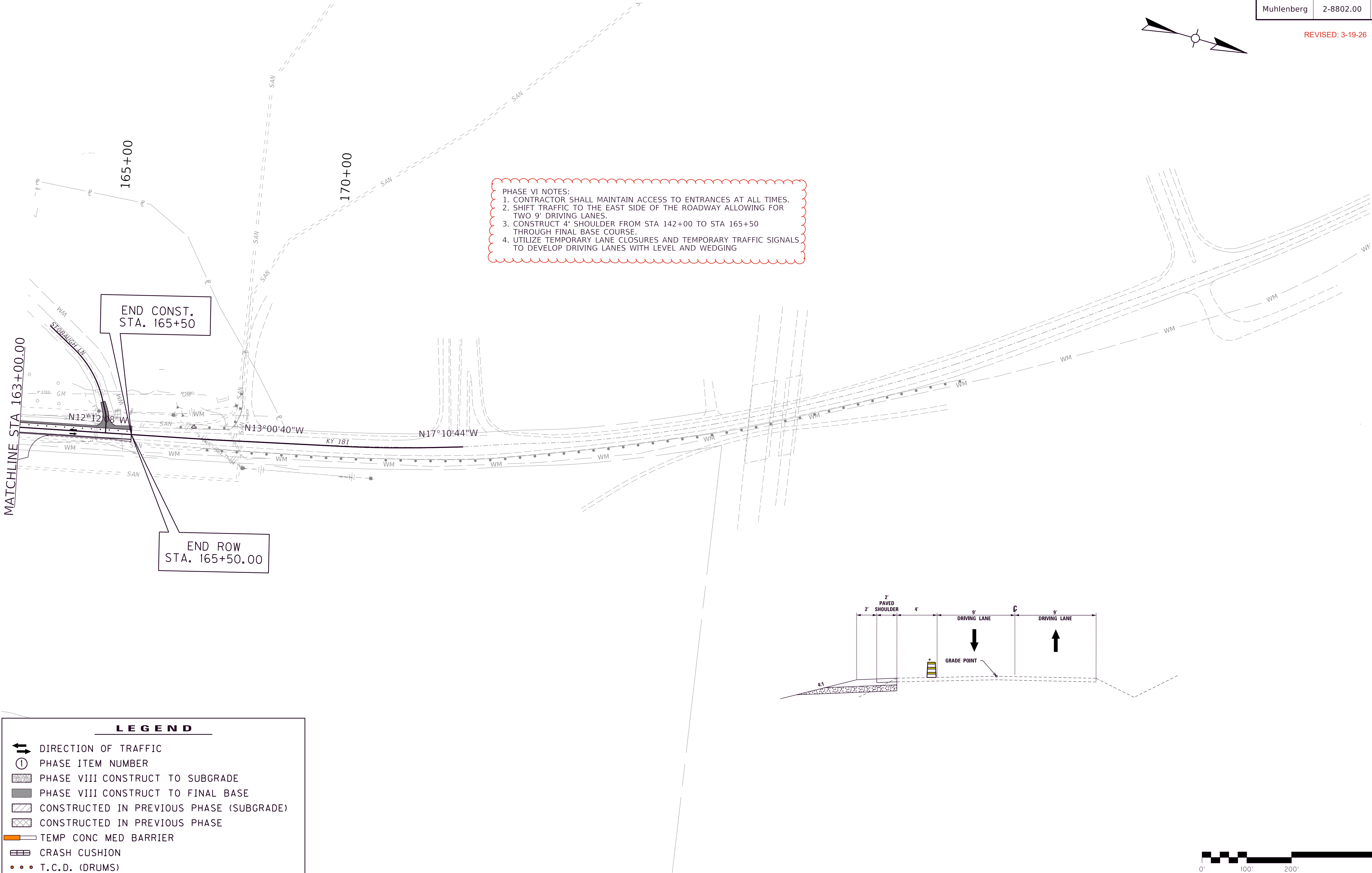
REVISED: 3-19-26



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

USER: nmaxfield
DATE PLOTTED: September 7, 2005

OpenRoads Designer v10.14.4.4



PHASE VI NOTES:
1. CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES.
2. SHIFT TRAFFIC TO THE EAST SIDE OF THE ROADWAY ALLOWING FOR TWO 9' DRIVING LANES.
3. CONSTRUCT 4' SHOULDER FROM STA 142+00 TO STA 165+50 THROUGH FINAL BASE COURSE.
4. UTILIZE TEMPORARY LANE CLOSURES AND TEMPORARY TRAFFIC SIGNALS TO DEVELOP DRIVING LANES WITH LEVEL AND WEDGING

LEGEND

DIRECTION OF TRAFFIC

PHASE ITEM NUMBER

PHASE VIII CONSTRUCT TO SUBGRADE

PHASE VIII CONSTRUCT TO FINAL BASE

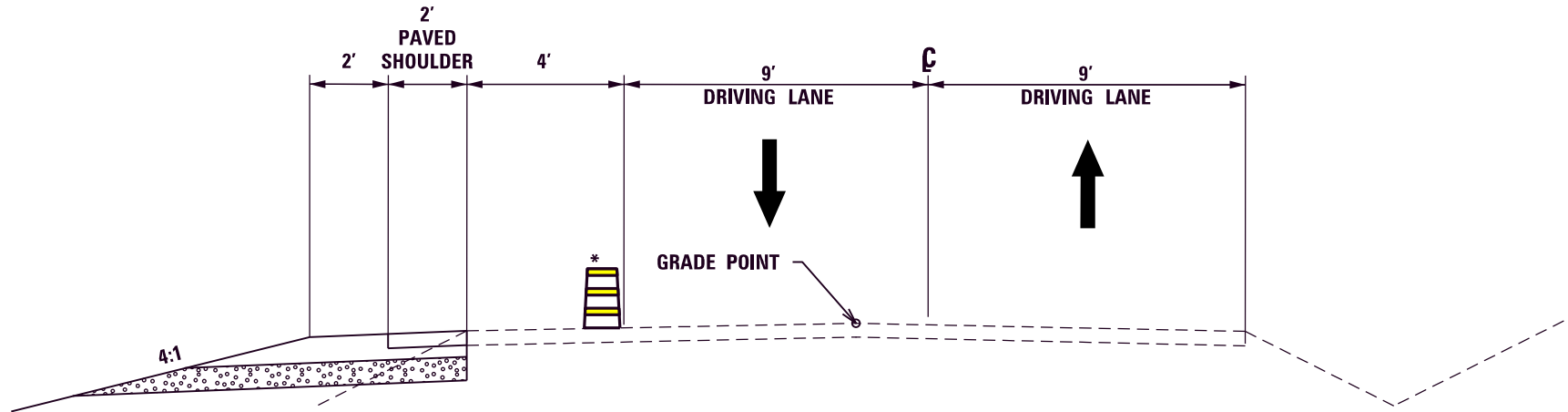
CONSTRUCTED IN PREVIOUS PHASE (SUBGRADE)

CONSTRUCTED IN PREVIOUS PHASE

TEMP CONC MED BARRIER

CRASH CUSHION

T.C.D. (DRUMS)



SCALE: 1" = 100'

MAINTENANCE OF TRAFFIC - PHASE VIII
KY 181
STA 163+00.00 TO STA 172+92.68

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

USER: nmaxfield
DATE PLOTTED: September 7, 2005

OpenRoads Designer v10.14.4.4

LEGEND

DIRECTION OF TRAFFIC

PHASE ITEM NUMBER

PHASE IX CONSTRUCT TO SUBGRADE

PHASE IX CONSTRUCT TO FINAL BASE

CONSTRUCTED IN PREVIOUS PHASE (SUBGRADE)

CONSTRUCTED IN PREVIOUS PHASE

TEMP CONC MED BARRIER

CRASH CUSHION

T.C.D. (DRUMS)

COUNTY OF	ITEM NO.	SHEET NO.
Muhlenberg	2-8802.00	R71

BEGIN ROW
STA. 52+45.00

BEGIN CONST.
STA. 50+44.60

PHASE VII NOTES:

1. CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES.
2. SHIFT TRAFFIC TO THE WEST SIDE OF THE ROADWAY ALLOWING FOR TWO 9' DRIVING LANES.
3. CONSTRUCT 4' SHOULDER FROM STA 50+44.60 TO STA 76+50 THROUGH FINAL BASE COURSE.
4. UTILIZE TEMPORARY LANE CLOSURES AND TEMPORARY TRAFFIC SIGNALS TO DEVELOP DRIVING LANES WITH LEVEL AND WEDGING.

PHASE VIII NOTES:

1. UTILIZE TEMPORARY LANE CLOSURES AND TEMPORARY TRAFFIC SIGNALS TO CONSTRUCT SURFACE COURSE FOR DRIVING LANES AND SHOULDER.

SCALE: 1" = 100'

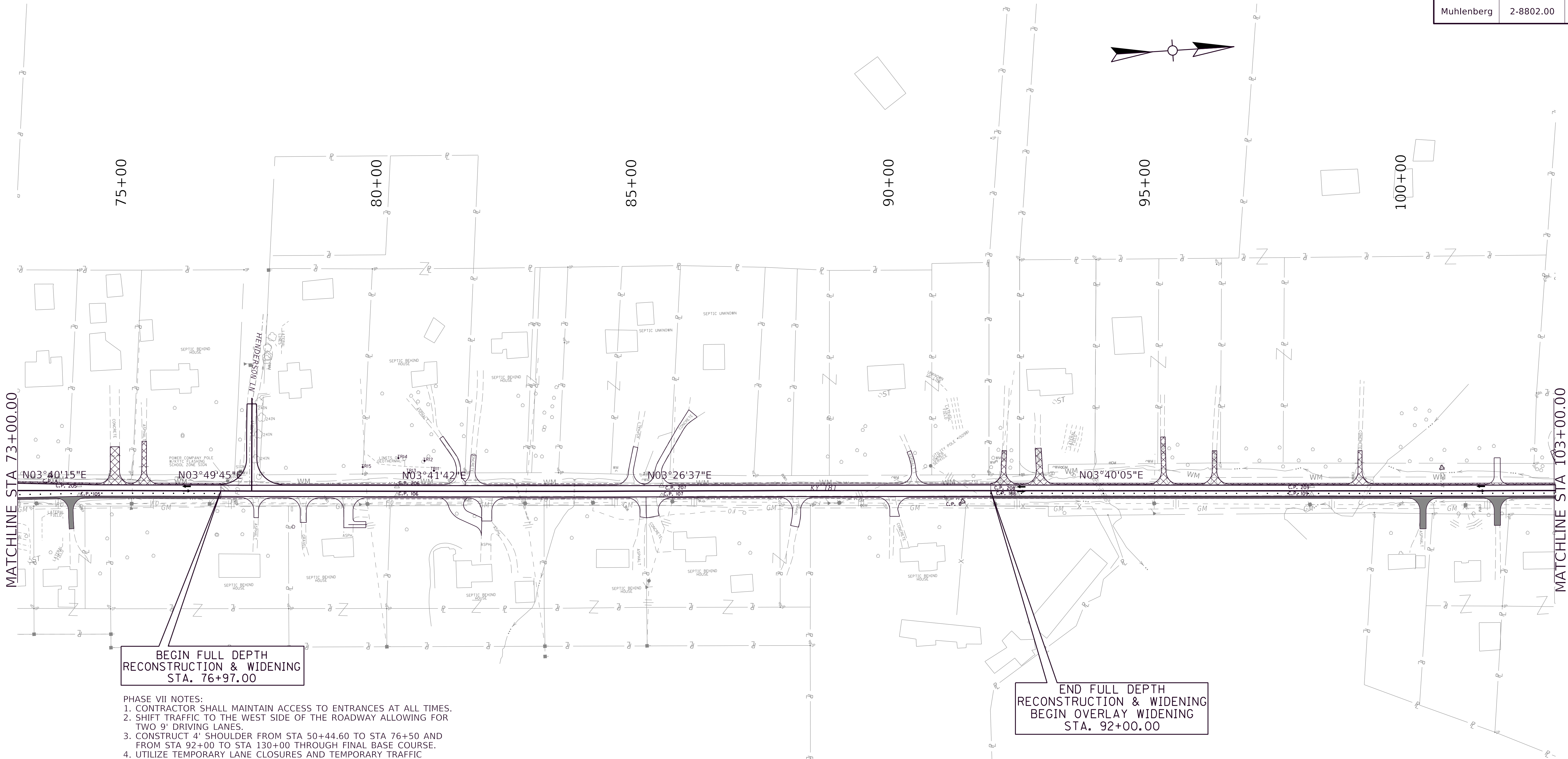
MAINTENANCE OF TRAFFIC - PHASE IX & X
KY 181
STA 50+00.00 TO STA 73+00.00

COUNTY OF	ITEM NO.	SHEET NO.
Muhlenberg	2-8802.00	R72

FILE NAME: F:\ENGR\RD\1355.05 KY 181 WIDENING - MUHLENBERG\PHASE II\CAD\PLAN PRODUCTION\PLAN02_8802_R_PLANDGN

USER: rmaxfield
DATE PLOTTED: September 7, 2005

OpenRoads Designer v10.14.4.4



BEGIN FULL DEPTH
RECONSTRUCTION & WIDENING
STA. 76+97.00

- PHASE VII NOTES:
1. CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES.
 2. SHIFT TRAFFIC TO THE WEST SIDE OF THE ROADWAY ALLOWING FOR TWO 9' DRIVING LANES.
 3. CONSTRUCT 4' SHOULDER FROM STA 50+44.60 TO STA 76+50 AND FROM STA 92+00 TO STA 130+00 THROUGH FINAL BASE COURSE.
 4. UTILIZE TEMPORARY LANE CLOSURES AND TEMPORARY TRAFFIC SIGNALS TO DEVELOP DRIVING LANES WITH LEVEL AND WEDGING.

- PHASE VIII NOTES:
1. UTILIZE TEMPORARY LANE CLOSURES AND TEMPORARY TRAFFIC SIGNALS TO CONSTRUCT SURFACE COURSE FOR DRIVING LANES AND SHOULDER.

LEGEND

DIRECTION OF TRAFFIC

PHASE ITEM NUMBER

PHASE IX CONSTRUCT TO SUBGRADE

PHASE IX CONSTRUCT TO FINAL BASE

CONSTRUCTED IN PREVIOUS PHASE (SUBGRADE)

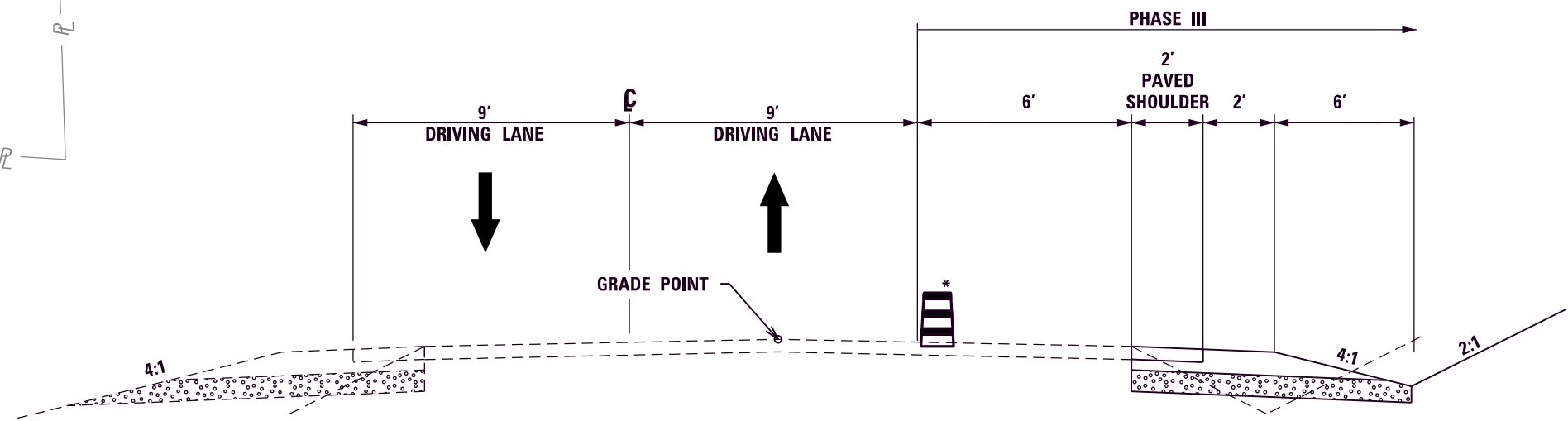
CONSTRUCTED IN PREVIOUS PHASE

TEMP CONC MED BARRIER

CRASH CUSHION

T.C.D. (DRUMS)

END FULL DEPTH
RECONSTRUCTION & WIDENING
BEGIN OVERLAY WIDENING
STA. 92+00.00



SCALE: 1" = 100'

MAINTENANCE OF TRAFFIC - PHASE IX & X
KY 181
STA 73+00.00 TO STA 103+00.00

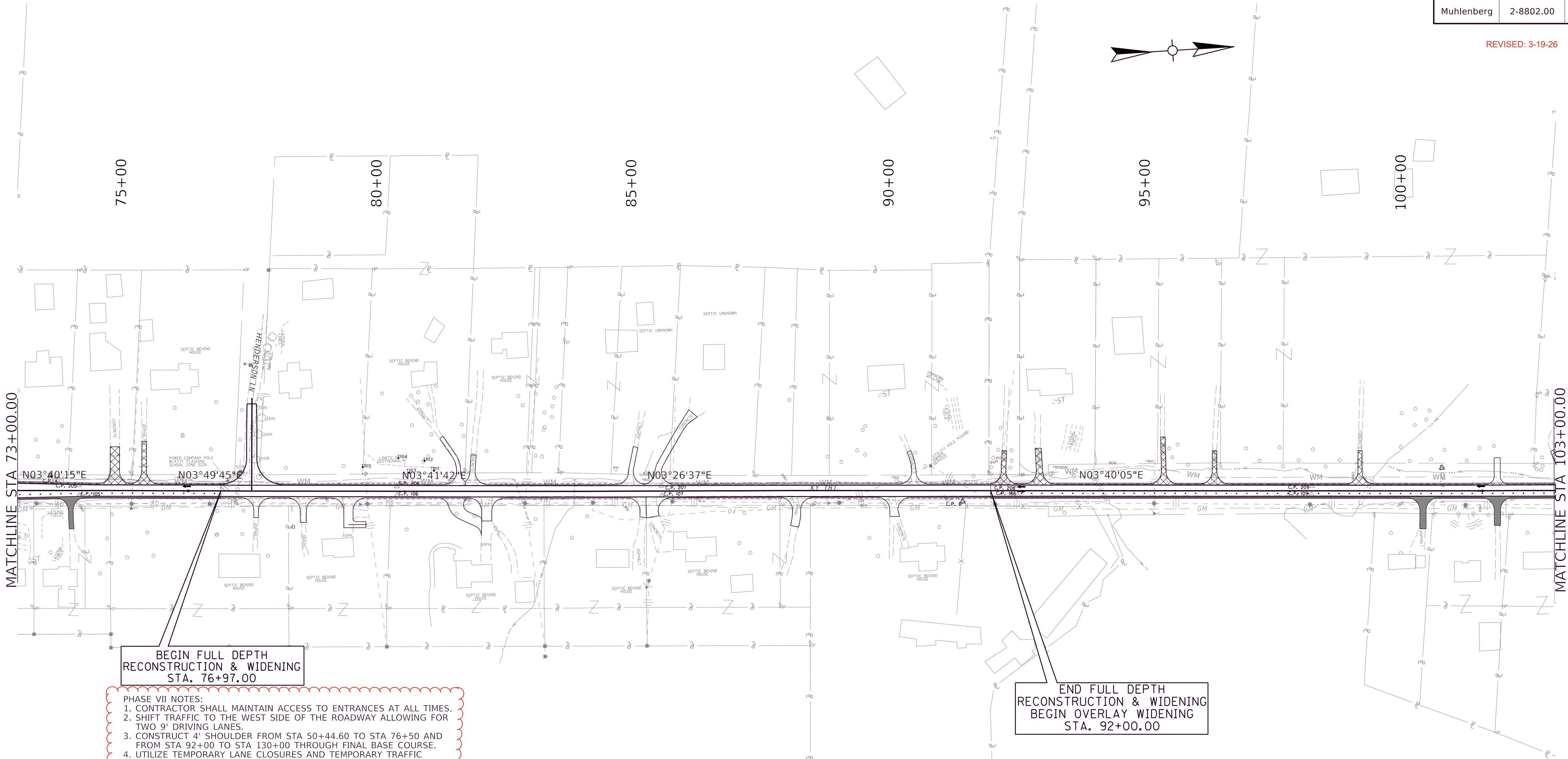
COUNTY OF	ITEM NO.	SHEET NO.
Muhlenberg	2-8802.00	R72

REVISED: 3-19-26

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

USER: rmaxfield
DATE PLOTTED: September 7, 2005

OpenRoads Designer v10.14.4.4



BEGIN FULL DEPTH
RECONSTRUCTION & WIDENING
STA. 76+97.00

- PHASE VII NOTES:
1. CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES.
 2. SHIFT TRAFFIC TO THE WEST SIDE OF THE ROADWAY ALLOWING FOR TWO 9' DRIVING LANES.
 3. CONSTRUCT 4' SHOULDER FROM STA 50+44.60 TO STA 76+50 AND FROM STA 92+00 TO STA 130+00 THROUGH FINAL BASE COURSE.
 4. UTILIZE TEMPORARY LANE CLOSURES AND TEMPORARY TRAFFIC SIGNALS TO DEVELOP DRIVING LANES WITH LEVEL AND WEDGING.

- PHASE VIII NOTES:
1. UTILIZE TEMPORARY LANE CLOSURES AND TEMPORARY TRAFFIC SIGNALS TO CONSTRUCT SURFACE COURSE FOR DRIVING LANES AND SHOULDER.

END FULL DEPTH
RECONSTRUCTION & WIDENING
BEGIN OVERLAY WIDENING
STA. 92+00.00

LEGEND

DIRECTION OF TRAFFIC

PHASE ITEM NUMBER

PHASE IX CONSTRUCT TO SUBGRADE

PHASE IX CONSTRUCT TO FINAL BASE

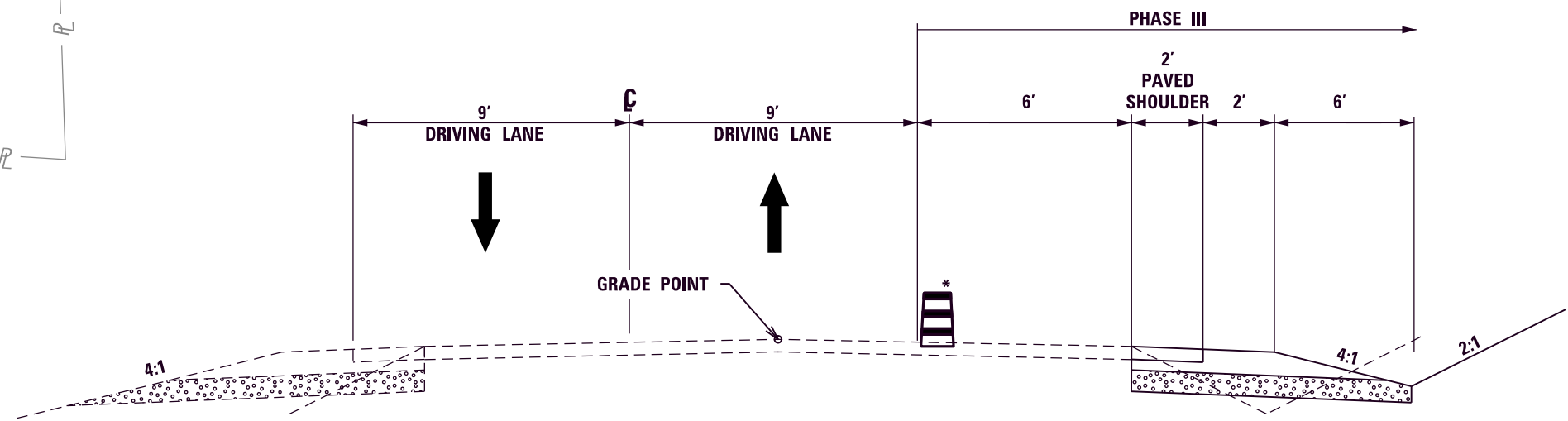
CONSTRUCTED IN PREVIOUS PHASE (SUBGRADE)

CONSTRUCTED IN PREVIOUS PHASE

TEMP CONC MED BARRIER

CRASH CUSHION

T.C.D. (DRUMS)



SCALE: 1" = 100'

MAINTENANCE OF TRAFFIC - PHASE IX & X
KY 181
STA 73+00.00 TO STA 103+00.00

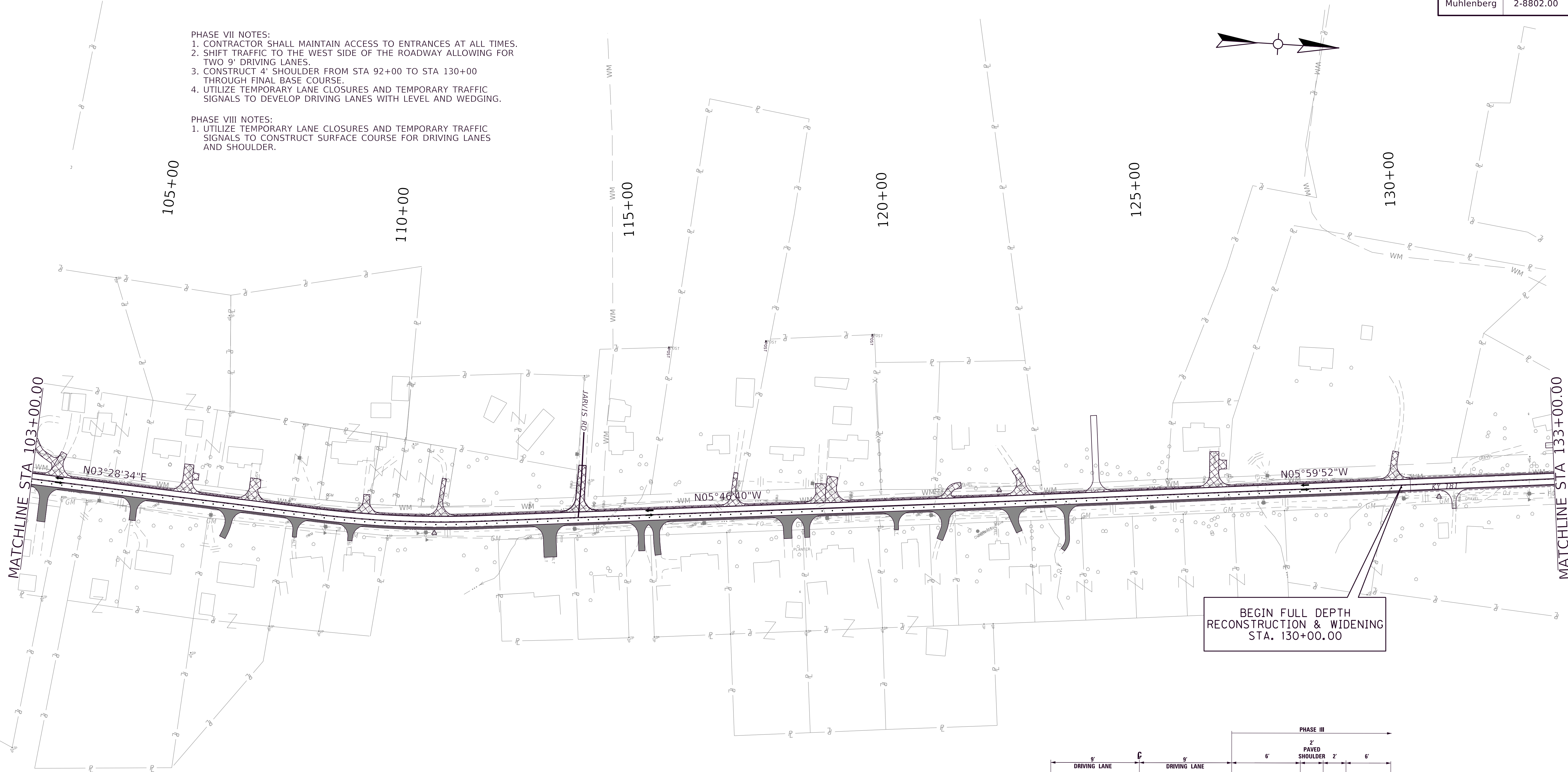
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USER: rmaxfield
DATE PLOTTED: September 7, 2005

OpenRoads Designer v10.14.4.4

- PHASE VII NOTES:
1. CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES.
 2. SHIFT TRAFFIC TO THE WEST SIDE OF THE ROADWAY ALLOWING FOR TWO 9' DRIVING LANES.
 3. CONSTRUCT 4' SHOULDER FROM STA 92+00 TO STA 130+00 THROUGH FINAL BASE COURSE.
 4. UTILIZE TEMPORARY LANE CLOSURES AND TEMPORARY TRAFFIC SIGNALS TO DEVELOP DRIVING LANES WITH LEVEL AND WEDGING.

- PHASE VIII NOTES:
1. UTILIZE TEMPORARY LANE CLOSURES AND TEMPORARY TRAFFIC SIGNALS TO CONSTRUCT SURFACE COURSE FOR DRIVING LANES AND SHOULDER.



LEGEND

DIRECTION OF TRAFFIC

PHASE ITEM NUMBER

PHASE IX CONSTRUCT TO SUBGRADE

PHASE IX CONSTRUCT TO FINAL BASE

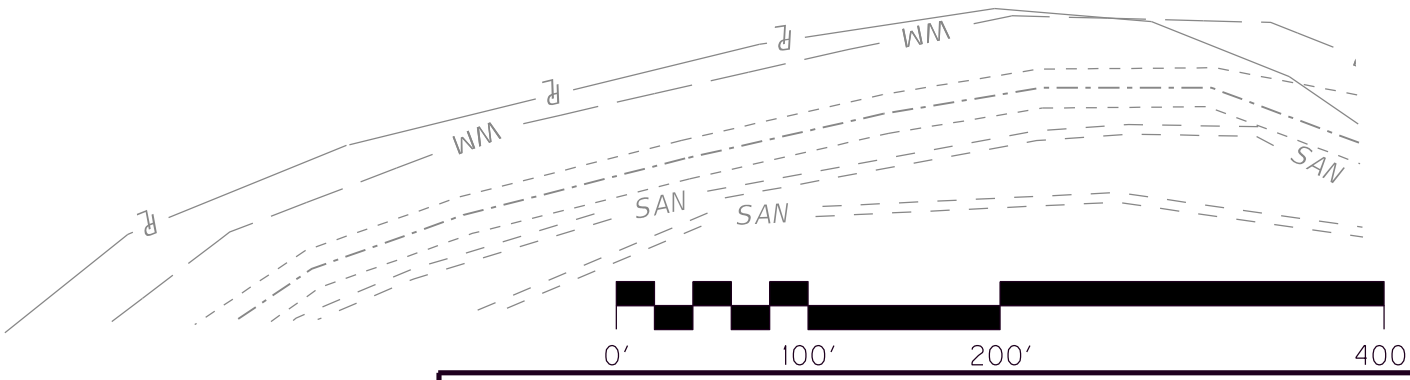
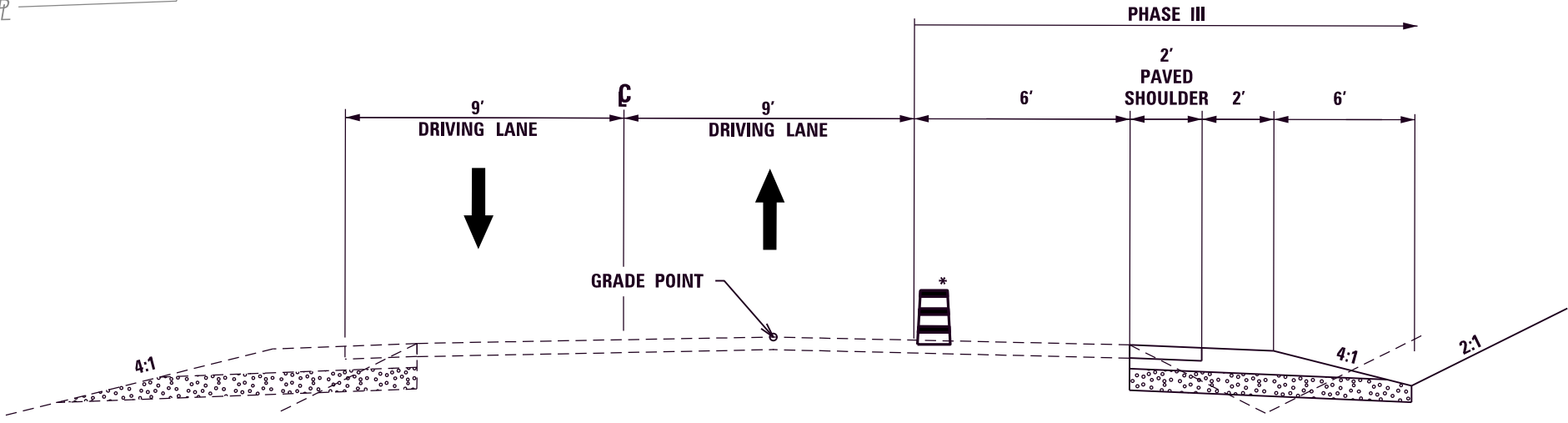
CONSTRUCTED IN PREVIOUS PHASE (SUBGRADE)

CONSTRUCTED IN PREVIOUS PHASE

TEMP CONC MED BARRIER

CRASH CUSHION

T.C.D. (DRUMS)



MAINTENANCE OF TRAFFIC - PHASE IX & X
KY 181
STA 103+00.00 TO STA 133+00.00

REVISED: 3-19-26

- PHASE VII NOTES:
1. CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES.
 2. SHIFT TRAFFIC TO THE WEST SIDE OF THE ROADWAY ALLOWING FOR TWO 9' DRIVING LANES.
 3. CONSTRUCT 4' SHOULDER FROM STA 92+00 TO STA 130+00 THROUGH FINAL BASE COURSE.
 4. UTILIZE TEMPORARY LANE CLOSURES AND TEMPORARY TRAFFIC SIGNALS TO DEVELOP DRIVING LANES WITH LEVEL AND WEDGING.

- PHASE VIII NOTES:
1. UTILIZE TEMPORARY LANE CLOSURES AND TEMPORARY TRAFFIC SIGNALS TO CONSTRUCT SURFACE COURSE FOR DRIVING LANES AND SHOULDER.



LEGEND

DIRECTION OF TRAFFIC

PHASE ITEM NUMBER

PHASE IX CONSTRUCT TO SUBGRADE

PHASE IX CONSTRUCT TO FINAL BASE

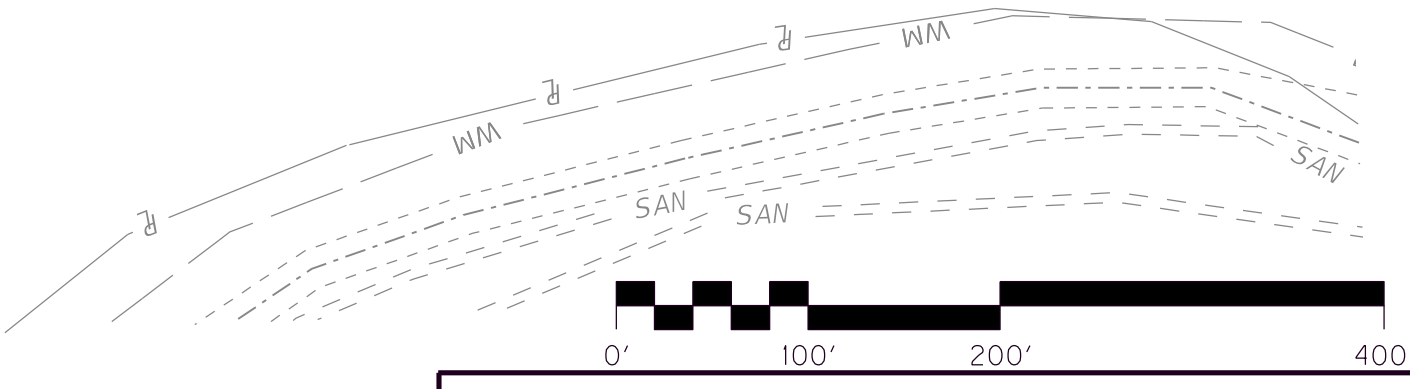
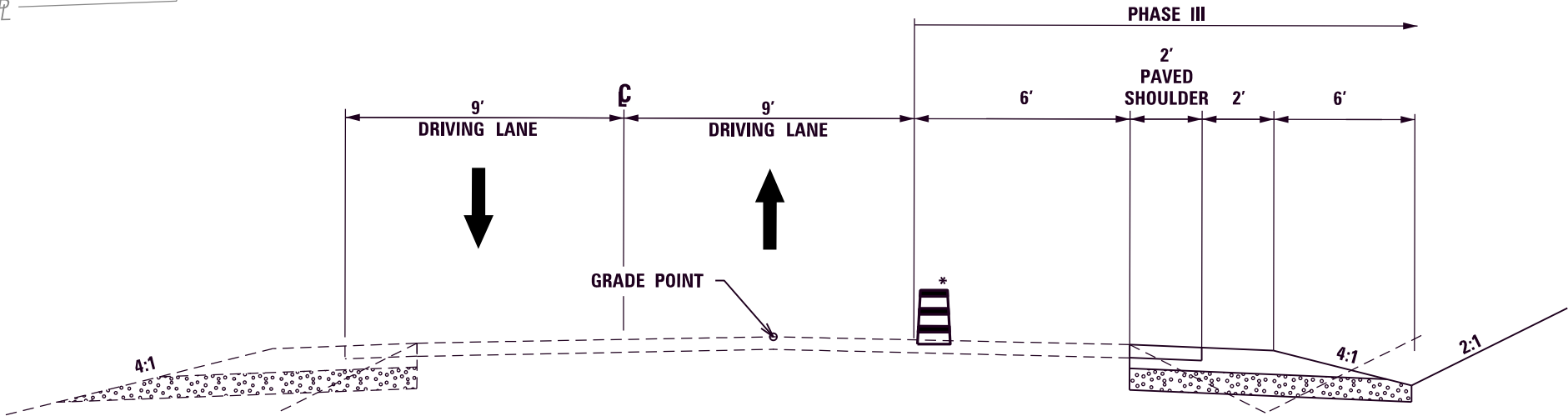
CONSTRUCTED IN PREVIOUS PHASE (SUBGRADE)

CONSTRUCTED IN PREVIOUS PHASE

TEMP CONC MED BARRIER

CRASH CUSHION

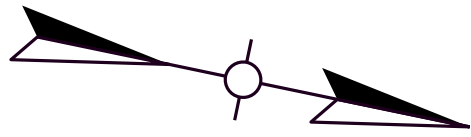
T.C.D. (DRUMS)



COUNTY OF	ITEM NO.	SHEET NO.
Muhlenberg	2-8802.00	R74

- PHASE VII NOTES:
1. CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES.
 2. SHIFT TRAFFIC TO THE WEST SIDE OF THE ROADWAY ALLOWING FOR TWO 9' DRIVING LANES.
 3. CONSTRUCT 4' SHOULDER FROM STA 142+00 TO STA 165+50 THROUGH FINAL BASE COURSE.
 4. UTILIZE TEMPORARY LANE CLOSURES AND TEMPORARY TRAFFIC SIGNALS TO DEVELOP DRIVING LANES WITH LEVEL AND WEDGING.

- PHASE VIII NOTES:
1. UTILIZE TEMPORARY LANE CLOSURES AND TEMPORARY TRAFFIC SIGNALS TO CONSTRUCT SURFACE COURSE FOR DRIVING LANES AND SHOULDER.



LEGEND

DIRECTION OF TRAFFIC

PHASE ITEM NUMBER

PHASE IX CONSTRUCT TO SUBGRADE

PHASE IX CONSTRUCT TO FINAL BASE

CONSTRUCTED IN PREVIOUS PHASE (SUBGRADE)

CONSTRUCTED IN PREVIOUS PHASE

TEMP CONC MED BARRIER

CRASH CUSHION

T.C.D. (DRUMS)

SCALE: 1" = 100'



MAINTENANCE OF TRAFFIC - PHASE IX & X
KY 181
STA 133+00.00 TO STA 163+00.00

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

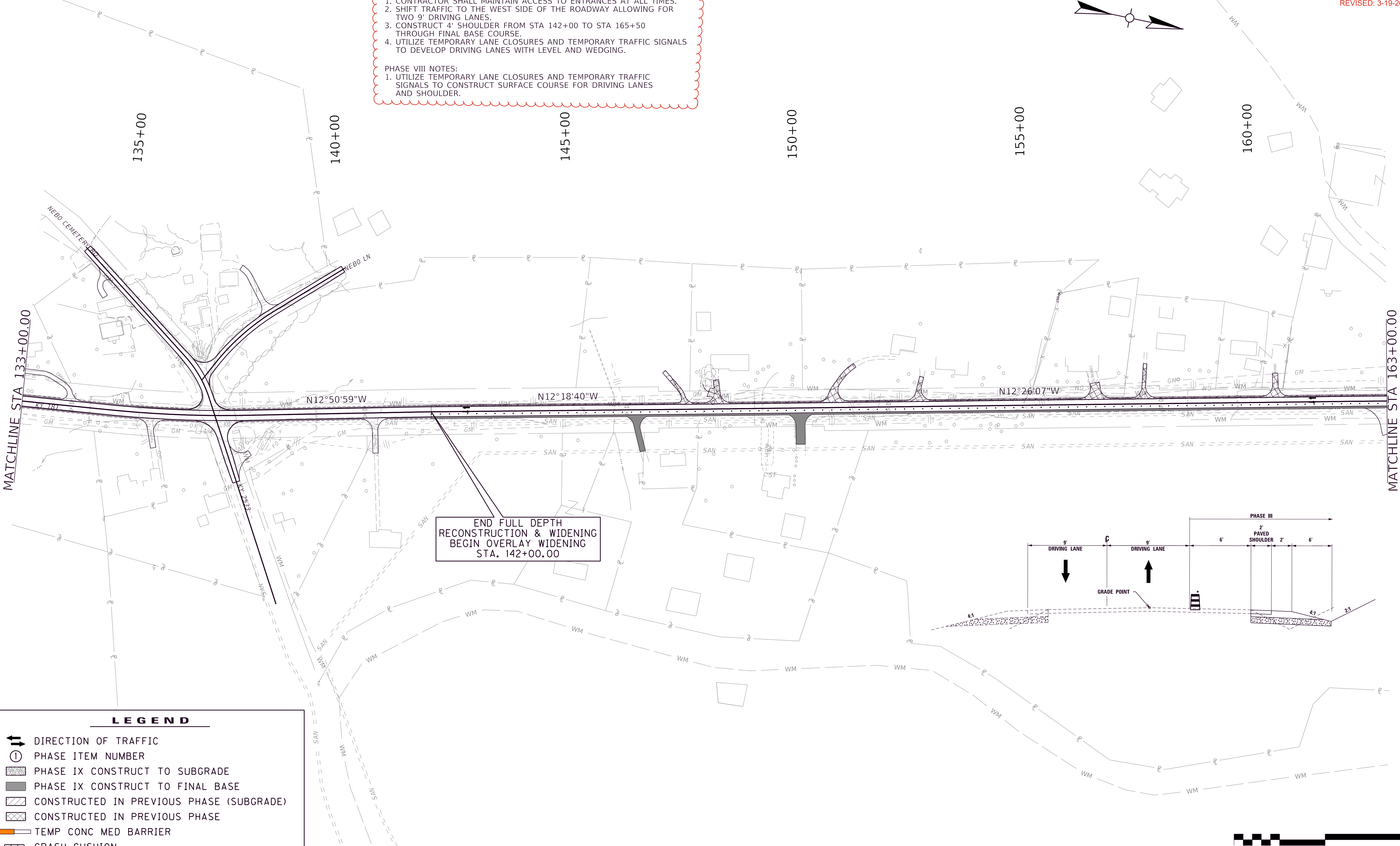
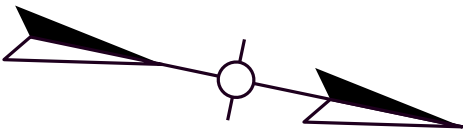
USER: rmaxfield
DATE PLOTTED: September 7, 2005

OpenRoads Designer v10.14.4.4

REVISED: 3-19-26

PHASE VII NOTES:
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PHASE VIII NOTES:
1. UTILIZE TEMPORARY LANE CLOSURES AND TEMPORARY TRAFFIC SIGNALS TO CONSTRUCT SURFACE COURSE FOR DRIVING LANES AND SHOULDER.



LEGEND

DIRECTION OF TRAFFIC

PHASE ITEM NUMBER

PHASE IX CONSTRUCT TO SUBGRADE

PHASE IX CONSTRUCT TO FINAL BASE

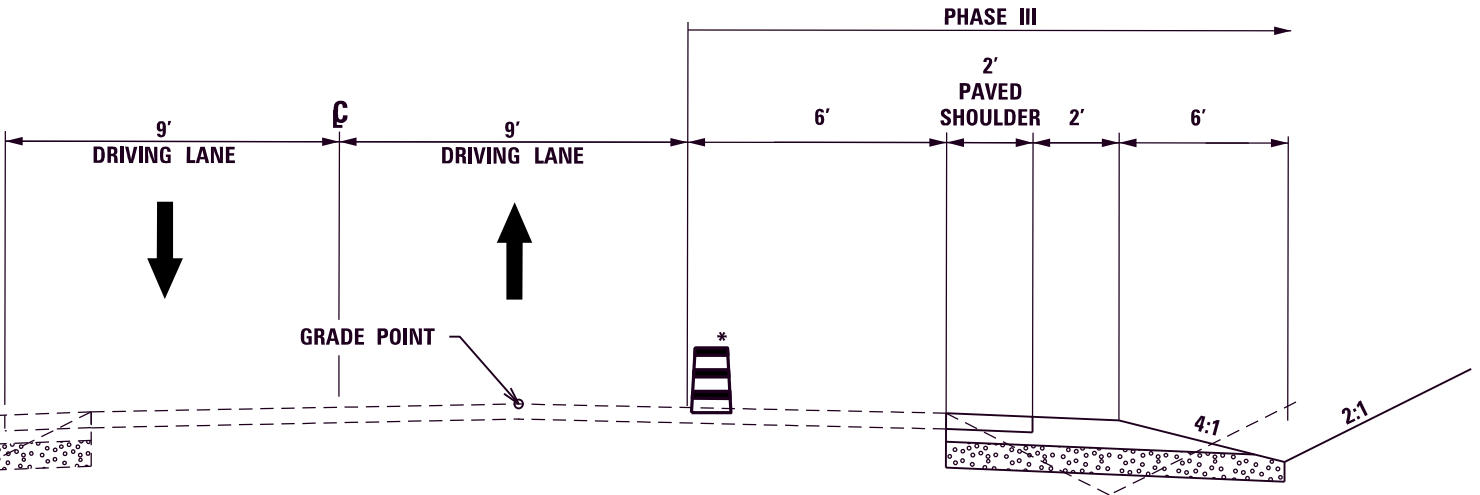
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CONSTRUCTED IN PREVIOUS PHASE

TEMP CONC MED BARRIER

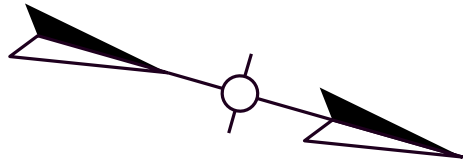
CRASH CUSHION

T.C.D. (DRUMS)



MAINTENANCE OF TRAFFIC - PHASE IX & X
KY 181
STA 133+00.00 TO STA 163+00.00

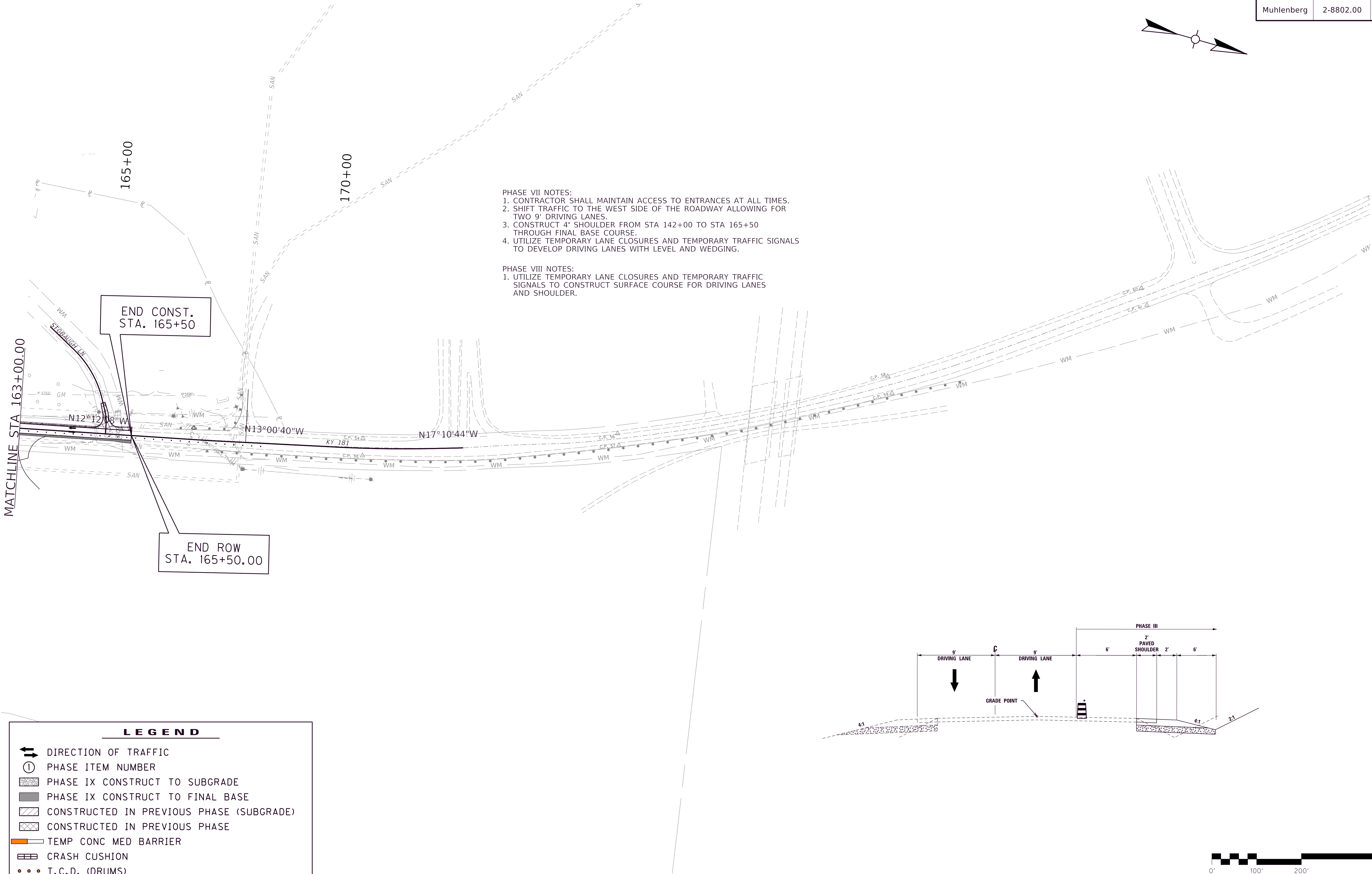
SCALE: 1" = 100'



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

USER: nmaxfield
DATE PLOTTED: September 7, 2005

OpenRoads Designer v10.14.4.4



LEGEND

DIRECTION OF TRAFFIC

PHASE ITEM NUMBER

PHASE IX CONSTRUCT TO SUBGRADE

PHASE IX CONSTRUCT TO FINAL BASE

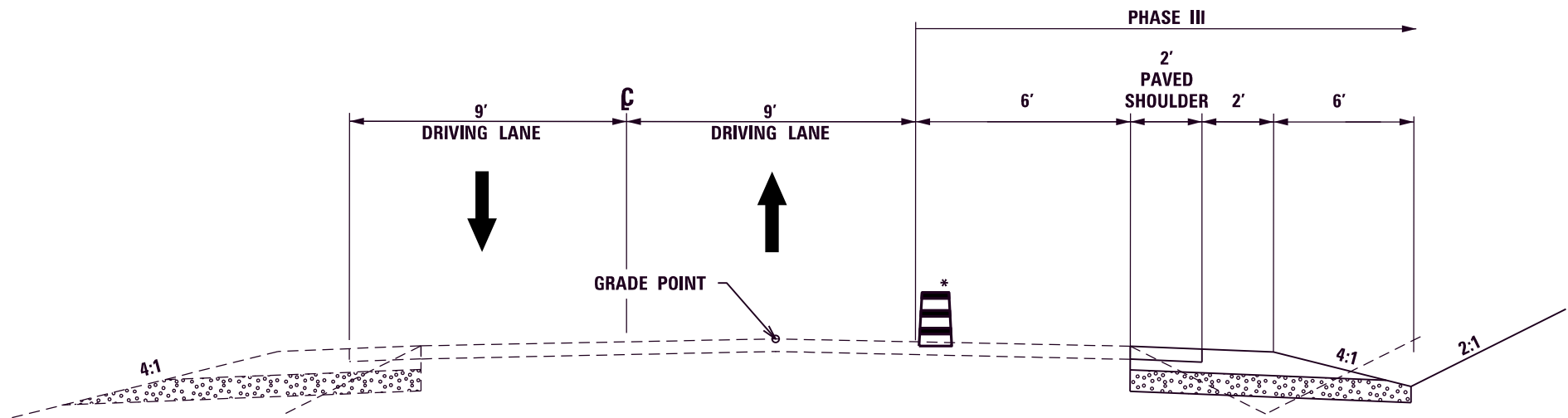
CONSTRUCTED IN PREVIOUS PHASE (SUBGRADE)

CONSTRUCTED IN PREVIOUS PHASE

TEMP CONC MED BARRIER

CRASH CUSHION

T.C.D. (DRUMS)

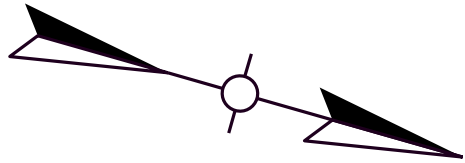


SCALE: 1" = 100'

MAINTENANCE OF TRAFFIC - PHASE IX & X
KY 181
STA 133+00.00 TO STA 172+92.68

COUNTY OF	ITEM NO.	SHEET NO.
Muhlenberg	2-8802.00	R75

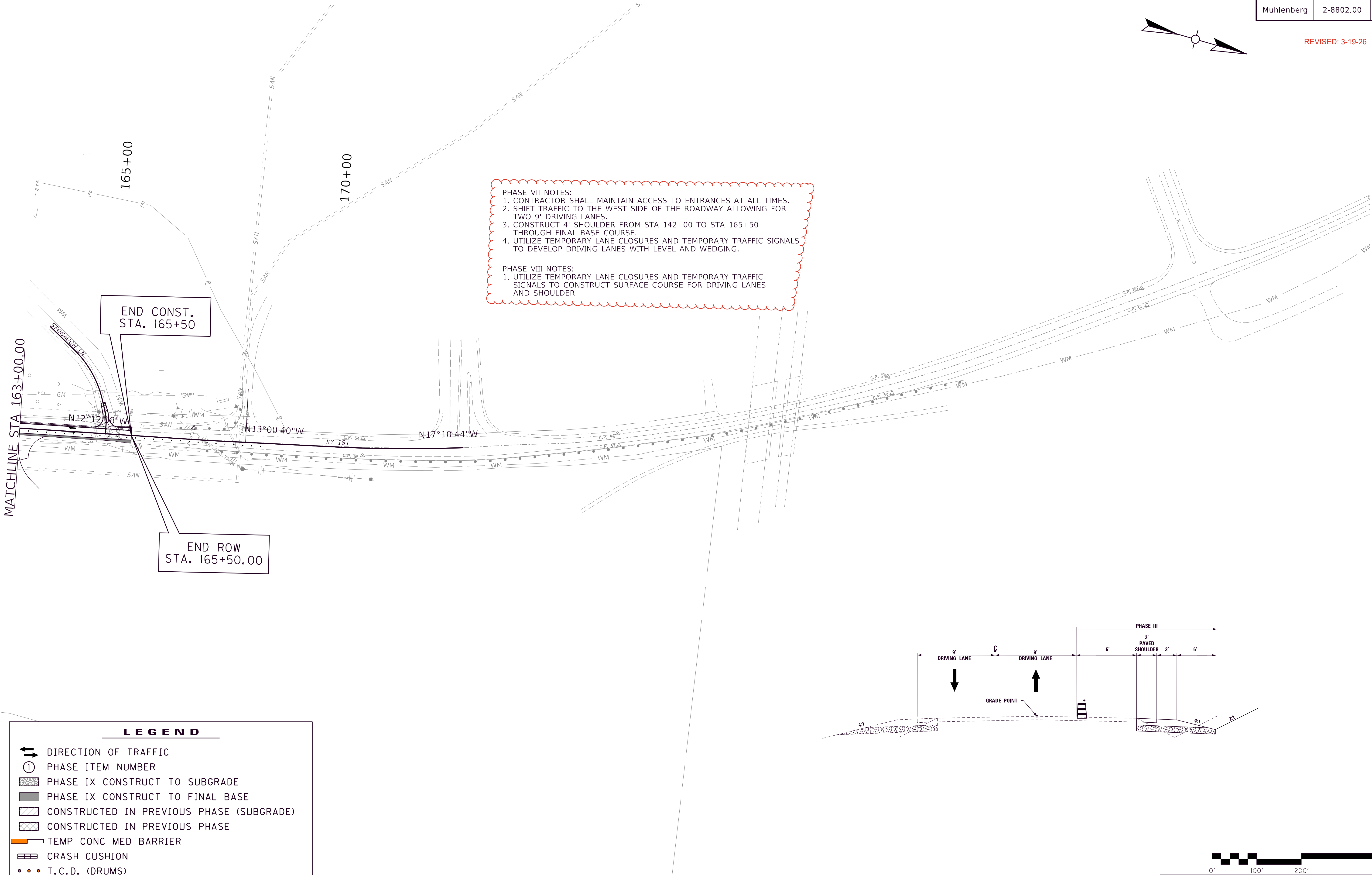
REVISED: 3-19-26



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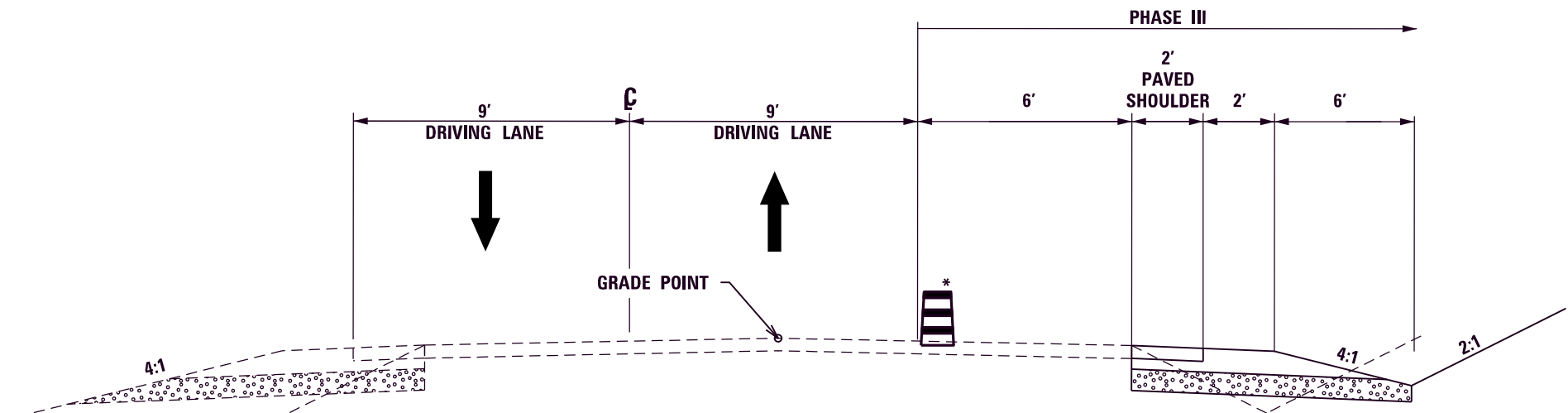
USER: nmaxfield
DATE PLOTTED: September 7, 2005

OpenRoads Designer v10.14.4.4



LEGEND

- DIRECTION OF TRAFFIC
- PHASE ITEM NUMBER
- PHASE IX CONSTRUCT TO SUBGRADE
- PHASE IX CONSTRUCT TO FINAL BASE
- CONSTRUCTED IN PREVIOUS PHASE (SUBGRADE)
- CONSTRUCTED IN PREVIOUS PHASE
- TEMP CONC MED BARRIER
- CRASH CUSHION
- T.C.D. (DRUMS)



SCALE: 1" = 100'

MAINTENANCE OF TRAFFIC - PHASE IX & X
KY 181
STA 133+00.00 TO STA 172+92.68