



Andy Beshear
GOVERNOR

TRANSPORTATION CABINET

200 Mero Street
Frankfort, Kentucky 40601

Jim Gray
SECRETARY

June 19, 2024

CALL NO. 107
CONTRACT ID NO. 241312
ADDENDUM # 5

Subject: Washington County, STP 1501(126)
Letting June 20, 2024

- (1) Revised - Proposal Bid Items - Pages 322-326 of 326
- (2) Revised - Plan Sheets R2G, R2H, R52-R70D, R92A

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

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

Sincerely,

A handwritten signature in black ink that reads "Rachel Mills".

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

RM:mr
Enclosures

PROPOSAL BID ITEMS

Report Date 6/19/24

Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00003		CRUSHED STONE BASE	38,720.00	TON		\$	
0020	00078		CRUSHED AGGREGATE SIZE NO 2	58,466.00	TON		\$	
0030	00100		ASPHALT SEAL AGGREGATE	268.90	TON		\$	
0040	00103		ASPHALT SEAL COAT	32.26	TON		\$	
0050	00190		LEVELING & WEDGING PG64-22	4,481.00	TON		\$	
0060	00212		CL2 ASPH BASE 1.00D PG64-22	11,589.00	TON		\$	
0070	00214		CL3 ASPH BASE 1.00D PG64-22	17,988.00	TON		\$	
0080	00296		ASPHALT PRIME COAT	53.07	TON		\$	
0090	00301		CL2 ASPH SURF 0.38D PG64-22	2,589.00	TON		\$	
0100	00388		CL3 ASPH SURF 0.38B PG64-22	4,526.00	TON		\$	
0110	02602		FABRIC-GEOTEXTILE CLASS 1	164,509.00	SQYD		\$	
0120	24785EC		FIBER REINFORCEMENT FOR HMA	15,283.00	TON		\$	
0130	24970EC		ASPHALT MATERIAL FOR TACK NON-TRACKING	57.41	TON		\$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0140	01000		PERFORATED PIPE-4 IN	1,705.00	LF		\$	
0150	01001		PERFORATED PIPE-6 IN	840.00	LF		\$	
0160	01010		NON-PERFORATED PIPE-4 IN	88.00	LF		\$	
0170	01011		NON-PERFORATED PIPE-6 IN	16.00	LF		\$	
0180	01028		PERF PIPE HEADWALL TY 3-4 IN	6.00	EACH		\$	
0190	01029		PERF PIPE HEADWALL TY 3-6 IN	4.00	EACH		\$	
0200	01032		PERF PIPE HEADWALL TY 4-4 IN	2.00	EACH		\$	
0210	01314		PLUG PIPE	8.00	EACH		\$	
0220	01740		CORED HOLE DRAINAGE BOX CON-4 IN	1.00	EACH		\$	
0230	01987		DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	75.00	EACH		\$	
0240	02003		RELOCATE TEMP CONC BARRIER (REVISED 6-19-24)	1,375.00	LF		\$	
0250	02159		TEMP DITCH	6,700.00	LF		\$	
0260	02160		CLEAN TEMP DITCH	3,350.00	LF		\$	
0270	02200		ROADWAY EXCAVATION	461,422.00	CUYD		\$	
0280	02231		STRUCTURE GRANULAR BACKFILL	333.00	CUYD		\$	
0290	02242		WATER	600.00	MGAL		\$	
0300	02360		GUARDRAIL TERMINAL SECTION NO 1	6.00	EACH		\$	
0310	02367		GUARDRAIL END TREATMENT TYPE 1	7.00	EACH		\$	
0320	02371		GUARDRAIL END TREATMENT TYPE 7	3.00	EACH		\$	
0330	02381		REMOVE GUARDRAIL	594.00	LF		\$	
0340	02391		GUARDRAIL END TREATMENT TYPE 4A	5.00	EACH		\$	
0350	02397		TEMP GUARDRAIL	5,280.00	LF		\$	
0360	02429		RIGHT-OF-WAY MONUMENT TYPE 1	78.00	EACH		\$	
0370	02432		WITNESS POST	3.00	EACH		\$	
0380	02483		CHANNEL LINING CLASS II	1,884.00	TON		\$	
0390	02484		CHANNEL LINING CLASS III	883.00	TON		\$	

PROPOSAL BID ITEMS

Report Date 6/19/24

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0400	02545		CLEARING AND GRUBBING APPROXIMATELY 46.85 ACRES	1.00	LS		\$	
0410	02562		TEMPORARY SIGNS	2,500.00	SQFT		\$	
0420	02585		EDGE KEY	121.00	LF		\$	
0430	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0440	02671		PORTABLE CHANGEABLE MESSAGE SIGN	4.00	EACH		\$	
0450	02690		SAFELOADING	22.26	CUYD		\$	
0460	02701		TEMP SILT FENCE	6,700.00	LF		\$	
0470	02703		SILT TRAP TYPE A	63.00	EACH		\$	
0480	02704		SILT TRAP TYPE B	63.00	EACH		\$	
0490	02705		SILT TRAP TYPE C	63.00	EACH		\$	
0500	02706		CLEAN SILT TRAP TYPE A	63.00	EACH		\$	
0510	02707		CLEAN SILT TRAP TYPE B	63.00	EACH		\$	
0520	02708		CLEAN SILT TRAP TYPE C	63.00	EACH		\$	
0530	02726		STAKING	1.00	LS		\$	
0540	02731		REMOVE STRUCTURE STA. 119+72 - 8'X5' RCBC	1.00	LS		\$	
0550	02731		REMOVE STRUCTURE STA. 66+05 - 5'X5' RCBC	1.00	LS		\$	
0560	02731		REMOVE STRUCTURE STA. 78+97 - 4'X3' RCBC	1.00	LS		\$	
0570	02775		ARROW PANEL	2.00	EACH		\$	
0580	02898		RELOCATE CRASH CUSHION (REVISED 6-19-24)	2.00	EACH		\$	
0590	03171		CONCRETE BARRIER WALL TYPE 9T (REVISED 6-19-24)	1,850.00	LF		\$	
0600	03262		CLEAN PIPE STRUCTURE	2.00	EACH		\$	
0610	05950		EROSION CONTROL BLANKET	7,760.00	SQYD		\$	
0620	05952		TEMP MULCH	203,326.00	SQYD		\$	
0630	05953		TEMP SEEDING AND PROTECTION	151,736.00	SQYD		\$	
0640	05963		INITIAL FERTILIZER	11.20	TON		\$	
0650	05964		MAINTENANCE FERTILIZER	6.70	TON		\$	
0660	05985		SEEDING AND PROTECTION	132,449.00	SQYD		\$	
0670	05989		SPECIAL SEEDING CROWN VETCH	76,445.00	SQYD		\$	
0680	05992		AGRICULTURAL LIMESTONE	134.60	TON		\$	
0690	06410		STEEL POST TYPE 1	260.00	LF		\$	
0700	06510		PAVE STRIPING-TEMP PAINT-4 IN	108,000.00	LF		\$	
0710	06542		PAVE STRIPING-THERMO-6 IN W	29,451.00	LF		\$	
0720	06543		PAVE STRIPING-THERMO-6 IN Y	25,705.00	LF		\$	
0730	06568		PAVE MARKING-THERMO STOP BAR-24IN	29.00	LF		\$	
0740	06569		PAVE MARKING-THERMO CROSS-HATCH	2,482.00	SQFT		\$	
0750	06574		PAVE MARKING-THERMO CURV ARROW	8.00	EACH		\$	
0760	06610		INLAID PAVEMENT MARKER-MW	110.00	EACH		\$	
0770	06612		INLAID PAVEMENT MARKER-BY	262.00	EACH		\$	
0780	07535		J-HOOK VANE	1.00	EACH		\$	
0790	08001		STRUCTURE EXCAVATION-COMMON	275.00	CUYD		\$	
0795	08002		STRUCTURE EXCAV-SOLID ROCK (ADDED 6-19-24)	44.00	CUYD		\$	
0800	08018		RETAINING WALL (REVISED 6-19-24)	1,735.00	SQFT		\$	
0810	08903		CRASH CUSHION TY VI CLASS BT TL3 (REVISED 6-17-24)	4.00	EACH		\$	

PROPOSAL BID ITEMS

Report Date 6/19/24

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0820	10020NS		FUEL ADJUSTMENT	179,493.00	DOLL	\$1.00	\$	\$179,493.00
0830	10030NS		ASPHALT ADJUSTMENT	162,581.00	DOLL	\$1.00	\$	\$162,581.00
0840	20071EC		JOINT ADHESIVE	77,200.00	LF		\$	
0850	20191ED		OBJECT MARKER TY 3	12.00	EACH		\$	
0860	20550ND		SAWCUT PAVEMENT	15,262.00	LF		\$	
0870	21289ED		LONGITUDINAL EDGE KEY	14,534.00	LF		\$	
0880	21802EN		G/R STEEL W BEAM-S FACE (7 FT POST)	5,650.00	LF		\$	
0890	23274EN11F		TURF REINFORCEMENT MAT 1	573.00	SQYD		\$	
0895	24728EX		ROCK ROADBED (ADDED 6-19-24)	2,667.00	CUYD		\$	
0900	24814EC		PIPELINE INSPECTION	1,204.00	LF		\$	
0910	24891EC		PAVE MOUNT INFRARED TEMP EQUIPMENT	2,111,571.00	SF		\$	
0920	25090EC		SINUSOIDAL RUMBLE STRIPS	52,917.00	LF		\$	

Section: 0003 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0930	00440		ENTRANCE PIPE-15 IN	425.00	LF		\$	
0940	00441		ENTRANCE PIPE-18 IN	111.00	LF		\$	
0950	00443		ENTRANCE PIPE-24 IN	76.00	LF		\$	
0960	00462		CULVERT PIPE-18 IN	117.00	LF		\$	
0970	00464		CULVERT PIPE-24 IN	535.00	LF		\$	
0980	00466		CULVERT PIPE-30 IN	253.00	LF		\$	
0990	00468		CULVERT PIPE-36 IN	16.00	LF		\$	
1000	00474		CULVERT PIPE-72 IN	114.00	LF		\$	
1010	00499		CULVERT PIPE-48 IN EQUIV	90.00	LF		\$	
1020	00524		STORM SEWER PIPE-24 IN	249.00	LF		\$	
1030	01208		PIPE CULVERT HEADWALL-24 IN	3.00	EACH		\$	
1040	01210		PIPE CULVERT HEADWALL-30 IN	7.00	EACH		\$	
1050	01217		PIPE CULVERT HEADWALL-48 IN EQUIV	2.00	EACH		\$	
1060	01376		METAL END SECTION TY 1-42 IN	2.00	EACH		\$	
1070	01434		SLOPED BOX OUTLET TYPE 1-24 IN	2.00	EACH		\$	
1080	01450		S & F BOX INLET-OUTLET-18 IN	4.00	EACH		\$	
1090	01451		S & F BOX INLET-OUTLET-24 IN	8.00	EACH		\$	
1100	01452		S & F BOX INLET-OUTLET-30 IN	1.00	EACH		\$	
1110	01453		S & F BOX INLET-OUTLET-36 IN	1.00	EACH		\$	
1120	01490		DROP BOX INLET TYPE 1	1.00	EACH		\$	
1130	01756		MANHOLE TYPE A	1.00	EACH		\$	
1140	02607		FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	5,410.00	SQYD	\$2.00	\$	\$10,820.00
1150	08100		CONCRETE-CLASS A	.57	CUYD		\$	
1160	24025EC		PIPE CULVERT HEADWALL-72 IN	2.00	EACH		\$	
1170	24561EN		ENTRANCE PIPE-42 IN	36.00	FT		\$	

Section: 0004 - BRIDGE-28874 8'X5' RCBC EXTENSION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1180	02403		REMOVE CONCRETE MASONRY	9.00	CUYD		\$	

PROPOSAL BID ITEMS

Report Date 6/19/24

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1190	08003		FOUNDATION PREPARATION	1.00	LS		\$	
1200	08100		CONCRETE-CLASS A	49.00	CUYD		\$	
1210	08150		STEEL REINFORCEMENT	4,917.00	LB		\$	

Section: 0005 - BRIDGE-28875-TRIPLE 12X11' RCBC EXTENSION AT PARKER RUN

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1220	00003		CRUSHED STONE BASE	42.00	TON		\$	
1230	00078		CRUSHED AGGREGATE SIZE NO 2	46.00	TON		\$	
1240	02403		REMOVE CONCRETE MASONRY	27.00	CUYD		\$	
1250	02998		MASONRY COATING	102.00	SQYD		\$	
1260	08002		STRUCTURE EXCAV-SOLID ROCK	30.00	CUYD		\$	
1270	08003		FOUNDATION PREPARATION	1.00	LS		\$	
1280	08019		CYCLOPEAN STONE RIP RAP	77.00	TON		\$	
1290	08100		CONCRETE-CLASS A	185.00	CUYD		\$	
1300	08150		STEEL REINFORCEMENT	17,982.00	LB		\$	
1310	08410		LOW FLOW DIVERSION CURB	1.00	LS		\$	
1320	20263ED		GEOGRID REINFORCEMENT	115.00	SQYD		\$	
1330	22146EN		CONCRETE PATCHING REPAIR	4.00	SQFT		\$	
1340	24896ED		RAIL SYSTEM TYPE T631	85.00	LF		\$	

Section: 0006 - BRIDGE-28876-4'X3' RCBC UNDER US150

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1350	08002		STRUCTURE EXCAV-SOLID ROCK	5.00	CUYD		\$	
1360	08003		FOUNDATION PREPARATION	1.00	LS		\$	
1370	08100		CONCRETE-CLASS A	34.50	CUYD		\$	
1380	08150		STEEL REINFORCEMENT	3,368.00	LB		\$	

Section: 0007 - BRIDGE-28877-8'X5' RCBC UNDER US 150

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1390	08002		STRUCTURE EXCAV-SOLID ROCK	36.00	CUYD		\$	
1400	08003		FOUNDATION PREPARATION	1.00	LS		\$	
1410	08100		CONCRETE-CLASS A	101.70	CUYD		\$	
1420	08150		STEEL REINFORCEMENT	7,683.00	LB		\$	

Section: 0008 - WATERLINE - CITY OF BARDSTOWN

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1430	14006		W ENCASMENT STEEL BORED RANGE 1	114.00	LF		\$	
1440	14022		W FLUSH HYDRANT ASSEMBLY	1.00	EACH		\$	
1450	14057		W PIPE PVC 03 INCH	2,046.00	LF		\$	
1460	14074		W PLUG EXISTING MAIN	1.00	EACH		\$	
1470	14092		W TIE-IN 03 INCH	1.00	EACH		\$	

PROPOSAL BID ITEMS

Report Date 6/19/24

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1480	14103		W VALVE 03 INCH	1.00	EACH		\$	
1490	14148		W SERV COPPER LONG SIDE 3/4 IN	1.00	EACH		\$	
1500	14152		W SERV COPPER SHORT SIDE 3/4 IN	5.00	EACH		\$	

Section: 0009 - WATERLINE - SPRINGFIELD WATER & SEWER

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1510	14000		W AIR RELEASE VALVE 1 INCH	1.00	EACH		\$	
1520	14004		W DIRECTIONAL BORE	200.00	LF		\$	
1530	14007		W ENCASEMENT STEEL BORED RANGE 2	100.00	LF		\$	
1540	14021		W FIRE HYDRANT REMOVE	1.00	EACH		\$	
1550	14022		W FLUSH HYDRANT ASSEMBLY	2.00	EACH		\$	
1560	14028		W METER 3/4 INCH	16.00	EACH		\$	
1570	14058		W PIPE PVC 04 INCH	800.00	LF		\$	
1580	14059		W PIPE PVC 06 INCH	7,100.00	LF		\$	
1590	14077		W SERV PE/PLST LONG SIDE 1 IN	3.00	EACH		\$	
1600	14085		W SERV PE/PLST SHORT SIDE 3/4 IN	13.00	EACH		\$	
1610	14093		W TIE-IN 04 INCH	2.00	EACH		\$	
1620	14094		W TIE-IN 06 INCH	1.00	EACH		\$	
1630	14104		W VALVE 04 INCH	3.00	EACH		\$	
1640	14105		W VALVE 06 INCH	8.00	EACH		\$	
1650	14133		W PRESSURE REDUCING VALVE 03 INCH	1.00	EACH		\$	
1660	14181		W PRESSURE RELIEF VALVE SPECIAL	1.00	EACH		\$	
1670	14635		W LEAK DETECTION METER INST	1.00	EACH		\$	
1680	24793NN		TEST METER ASSEMBLY	1.00	EACH		\$	

Section: 0010 - DEMOBILIZATION&/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1690	02568		MOBILIZATION	1.00	LS		\$	
1700	02569		DEMOBILIZATION	1.00	LS		\$	

ROADWAY GENERAL SUMMARY

ITEM	DESCRIPTION	NOTES	UNIT	US 150	FREDERICKTOWN ROAD	GRUNDY HOME ROAD	MAYFIELD LANE	MOT	TOTAL PROJECT
1314	PLUG PIPE		EACH	8	0	0	0	0	8
1987	DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE		EACH	75	0	0	0	0	75
2003	RELOCATE TEMP CONC BARRIER		LF	0	0	0	0	1375	1375
2159	TEMP DITCH		LF	0	0	0	0	0	6700
2160	CLEAN TEMP DITCH		LF	0	0	0	0	0	3350
2200	ROADWAY EXCAVATION	NOTE 1	CU YD	0	0	0	0	0	461422
2231	STRUCTURE GRANULAR BACKFILL		CU YD	333	0	0	0	0	333
2242	WATER	NOTE 2	M GAL	0	0	0	0	600	600
2360	GUARDRAIL TERMINAL SECTION NO 1		EACH	6	0	0	0	0	6
2367	GUARDRAIL END TREATMENT TYPE 1		EACH	4	0	0	0	3	7
2371	GUARDRAIL END TREATMENT TYPE 7		EACH	3	0	0	0	0	3
2381	REMOVE GUARDRAIL		LF	594	0	0	0	0	594
2391	GUARDRAIL END TREATMENT TYPE 4A		EACH	5	0	0	0	0	5
2397	TEMP GUARDRAIL		LF	0	0	0	0	5280	5280
2429	RIGHT-OF-WAY MONUMENT TYPE 1		EACH	78	0	0	0	0	78
2432	WITNESS POST		EACH	0	0	0	0	0	3
2483	CHANNEL LINING CLASS II		TON	1756	0	0	0	0	1884
2484	CHANNEL LINING CLASS III		TON	770	0	0	0	0	883
2545	CLEARING AND GRUBBING	NOTE 3	LS	0	0	0	0	0	1
2562	TEMPORARY SIGNS		SQ FT	0	0	0	0	2500	2500
2568	MOBILIZATION		LS	0	0	0	0	0	1
2569	DEMOLITION		LS	0	0	0	0	0	1
2585	EDGE KEY		LF	69	28	14	10	0	121
2650	MAINTAIN AND CONTROL TRAFFIC	NOTE 7	LS	0	0	0	0	0	1
2671	PORTABLE CHANGEABLE MESSAGE SIGN		EACH	0	0	0	0	4	4
2690	SAFELOADING		CU YD	22.26	0	0	0	0	22.26
2701	TEMP SILT FENCE		LF	0	0	0	0	0	6700
2703	SILT TRAP TYPE A		EACH	0	0	0	0	0	63
2704	SILT TRAP TYPE B		EACH	0	0	0	0	0	63
2705	SILT TRAP TYPE C		EACH	0	0	0	0	0	63
2706	CLEAN SILT TRAP TYPE A		EACH	0	0	0	0	0	63
2707	CLEAN SILT TRAP TYPE B		EACH	0	0	0	0	0	63
2708	CLEAN SILT TRAP TYPE C		EACH	0	0	0	0	0	63
2726	STAKING		LS	0	0	0	0	0	1
2731	REMOVE STRUCTURE	NOTE 10	EACH	1	0	0	0	0	1
2731	REMOVE STRUCTURE	NOTE 11	EACH	1	0	0	0	0	1
2775	REMOVE STRUCTURE	NOTE 12	EACH	1	0	0	0	0	1
2898	RELOCATE CRASH CUSHION		EACH	0	0	0	0	2	2
3171	CONCRETE BARRIER WALL TYPE 9T	NOTE 9	LF	0	0	0	0	1850	1850
3262	CLEAN PIPE STRUCTURE		EACH	2	0	0	0	0	2
5950	EROSION CONTROL BLANKET		SQ YD	7716	0	44	0	0	7760
5952	TEMP MULCH		SQ YD	0	0	0	0	0	203326
5953	TEMP SEEDING AND PROTECTION		SQ YD	0	0	0	0	0	151736
5963	INITIAL FERTILIZER	NOTE 4	TON	0	0	0	0	0	11.2
5964	MAINTENANCE FERTILIZER	NOTE 5	TON	0	0	0	0	0	6.7
5985	SEEDING AND PROTECTION		SQ YD	0	0	0	0	0	132449
5989	SPECIAL SEEDING CROWN VETCH		SQ YD	0	0	0	0	0	76445
5992	AGRICULTURAL LIMESTONE	NOTE 6	TON	0	0	0	0	0	134.6
6510	PAVE STRIPING-THERMO-6IN W	NOTE 13	LF	0	0	0	0	0	260
6542	PAVE STRIPING-THERMO-6IN W		LF	28324	27	700	400	108000	108000
6543	PAVE STRIPING-THERMO-6IN Y		LF	25705	0	0	0	0	29451
6568	PAVE MARKING-THERMO STOP BAR-24IN		LF	13	0	10	6	0	29
6569	PAVE MARKING-THERMO CROSS-HATCH		SQ FT	2482	0	0	0	0	2482
6574	PAVE MARKING-THERMO CURV ARROW		EACH	8	0	0	0	0	8
6610	INLAID PAVEMENT MARKER-MW		EACH	110	0	0	0	0	110
6612	INLAID PAVEMENT MARKER-BY		EACH	262	0	0	0	0	262
7535	J-HOOK VANE		EACH	1	0	0	0	0	1
8001	STRUCTURE EXCAVATION-COMMON		CU YD	275	0	0	0	0	275
8018	STRUCTURE EXCAVATION-ROCK		CU YD	44	0	0	0	0	44
8903	CRASH CUSHION TY VI CLASS BT L3		SQ FT	1735	0	0	0	0	1735
10020NS	FUEL ADJUSTMENT		DOLL	0	0	0	0	0	179493
10030NS	ASPHALT ADJUSTMENT		DOLL	0	0	0	0	0	162581
20071EC	JOINT ADHESIVE		LF	56400	0	720	252	0	77200
20191ED	OBJECT MARKER TY 3		EACH	9	0	0	0	3	12
20550ND	SAWCUT PAVEMENT		LF	15082	180	0	0	0	15262
21289ED	LONGITUDINAL EDGE KEY		LF	14354	180	0	0	0	14534
21802EN	G/R STEEL W BEAM-S FACE (7 FT POST)	NOTE 8	LF	5650	0	0	0	0	5650
23274EN1LF	TURF REINFORCEMENT MAT 1		SQ YD	573	0	0	0	0	573
24834EC	PIPELINE INSPECTION		LF	1204	0	0	0	0	1204
24891EC	PAVE MOUNT INFRARED TEMP EQUIPMENT		SF	2111571	0	0	0	0	2111571
25090EC	SINUSOIDAL RUMBLE STRIPS		LF	51945	0	720	252	0	52917

1.EARTHWORK TOTALS

EMBANKMENT.....24172 CU YD

COMMON EXCAVATION----210859 CU YD

ROCK EXCAVATION----244950 CU YD

EMBANKMENT BENCHING.....5609 CU YD

TOTAL EXCAVATION.....461422 CU YD

ESTIMATE FOR EARTHWORK CALCULATIONS FOR DESIGN ONLY. THE CONTRACTOR IS ADVISED THAT THE EARTHWORK CALCULATIONS SHOWN ARE FOR INFORMATION ONLY. ASSUMPTIONS FOR SHRINKAGE AND SWELL FACTORS ARE THE CONTRACTOR'S RESPONSIBILITY.

2.FOR CONTROLLING DUST CAUSED BY MAINTAINING TRAFFIC ONLY.

3.APPROXIMATELY 46.85 ACRES: REMOVAL OF EXISTING PIPES, HEADWALLS, FENCES, SIGNS, ETC. ARE INCIDENTAL TO CLEARING AND GRUBBING AND NO DIRECT PAYMENT WILL BE MADE FOR THOSE ITEMS.

4.APPLIED AT A RATE OF 500 LBS PER ACRE

5.APPLIED AT A RATE OF 300 LBS PER ACRE

6.APPLIED AT A RATE OF 3 TONS PER ACRE

7.INCLUDES ALL NECESSARY ITEMS TO MAINTAIN AND CONTROL TRAFFIC

8.USE 7' GUARDRAIL POST

9.WHEN NO LONGER NEEDED REMOVE THE WALL FROM PROJECT. THE CONTRACTOR WILL MAINTAIN OWNERSHIP OF THE WALL.

10.STA. 66+05 - 5'X5' RCBC

11.STA. 78+97 - 4'X3' RCBC

12.STA. 119+72 - 8'X5' RCBC

13.QUANTITY IS ESTIMATED.

SEE PERMANENT SIGNING NOTE ON SHEET NO. R2K

"GENERAL NOTES, SPECIAL NOTES, & SPECIAL PROVISIONS"



DRAWING TITLE: GENERAL SUMMARY

ITEM NO. 04-396.20 COUNTY OF Washington
SHEET NO. R2G

ROADWAY GENERAL SUMMARY

ITEM	DESCRIPTION	NOTES	UNIT	US 150	FREDERICKTOWN ROAD	GRUNDY HOME ROAD	MAYFIELD LANE	MOT	TOTAL PROJECT
1314	PLUG PIPE		EACH	8	0	0	0	0	8
2003	RELOCATE TEMP CONC BARRIER		LF	0	0	0	0	1375	1375
2160	CLEAN TEMP DITCH		LF	0	0	0	0	0	3350
2200	ROADWAY EXCAVATION	NOTE 1	CU YD	0	0	0	0	0	461422
2231	STRUCTURE GRANULAR BACKFILL		CU YD	333	0	0	0	0	333
2242	WATER	NOTE 2	MGAL	0	0	0	0	600	600
2360	GUARDRAIL TERMINAL SECTION NO 1		EACH	6	0	0	0	0	6
2367	GUARDRAIL END TREATMENT TYPE 1		EACH	4	0	0	0	3	7
2371	GUARDRAIL END TREATMENT TYPE 7		EACH	3	0	0	0	0	3
2381	REMOVE GUARDRAIL		LF	594	0	0	0	0	594
2391	GUARDRAIL END TREATMENT TYPE 4A		EACH	5	0	0	0	0	5
2397	TEMP GUARDRAIL		LF	0	0	0	0	5280	5280
2429	RIGHT-OF-WAY MONUMENT TYPE 1		EACH	78	0	0	0	0	78
2432	WITNESS POST		EACH	0	0	0	0	0	3
2483	CHANNEL LINING CLASS II		TON	1756	0	0	0	0	1884
2484	CHANNEL LINING CLASS III		TON	770	0	0	0	0	883
2545	CLEARING AND GRUBBING	NOTE 3	LS	0	0	0	0	0	1
2562	TEMPORARY SIGNS		SQ FT	0	0	0	0	2500	2500
2568	MOBILIZATION		LS	0	0	0	0	0	1
2569	DEMOLITION		LS	0	0	0	0	0	1
2585	EDGE KEY		LF	69	28	14	10	0	121
2650	MAINTAIN AND CONTROL TRAFFIC	NOTE 7	LS	0	0	0	0	0	1
2671	PORTABLE CHANGEABLE MESSAGE SIGN		EACH	0	0	0	0	4	4
2690	SAFELOADING		CU YD	22.26	0	0	0	0	22.26
2701	TEMP SILT FENCE		LF	0	0	0	0	0	6700
2703	SILT TRAP TYPE A		EACH	0	0	0	0	0	63
2704	SILT TRAP TYPE B		EACH	0	0	0	0	0	63
2705	SILT TRAP TYPE C		EACH	0	0	0	0	0	63
2706	CLEAN SILT TRAP TYPE A		EACH	0	0	0	0	0	63
2707	CLEAN SILT TRAP TYPE B		EACH	0	0	0	0	0	63
2708	CLEAN SILT TRAP TYPE C		EACH	0	0	0	0	0	63
2726	STAKING		LS	0	0	0	0	0	1
2731	REMOVE STRUCTURE	NOTE 10	EACH	1	0	0	0	0	1
2731	REMOVE STRUCTURE	NOTE 11	EACH	1	0	0	0	0	1
2731	REMOVE STRUCTURE	NOTE 12	EACH	1	0	0	0	0	1
2898	RELOCATE CRASH CUSHION		EACH	0	0	0	0	2	2
3171	CONCRETE BARRIER WALL TYPE 9T	NOTE 9	LF	0	0	0	0	1850	1850
5950	EROSION CONTROL BLANKET		SQ YD	7716	0	44	0	0	7760
5952	TEMP MULCH		SQ YD	0	0	0	0	0	203326
5953	TEMP SEEDING AND PROTECTION		SQ YD	0	0	0	0	0	151736
5963	INITIAL FERTILIZER	NOTE 4	TON	0	0	0	0	0	11.2
5964	MAINTENANCE FERTILIZER	NOTE 5	TON	0	0	0	0	0	6.7
5985	SEEDING AND PROTECTION		SQ YD	0	0	0	0	0	132449
5989	SPECIAL SEEDING CROWN VETCH		SQ YD	0	0	0	0	0	76445
5992	AGRICULTURAL LIMESTONE	NOTE 6	TON	0	0	0	0	0	134.6
6410	STEEL POST TYPE 1	NOTE 13	LF	0	0	0	0	0	260
6510	PAVE STRIPING-THERMO-6IN W		LF	0	0	0	0	108000	108000
6542	PAVE STRIPING-THERMO-6IN W		LF	28324	27	700	400	0	29451
6543	PAVE STRIPING-THERMO-6IN Y		LF	25705	0	0	0	0	25705
6568	PAVE MARKING-THERMO STOP BAR-24IN		SQ FT	13	0	10	6	0	29
6569	PAVE MARKING-THERMO CROSS-HATCH		SQ FT	2482	0	0	0	0	2482
6574	PAVE MARKING-THERMO CURV ARROW		EACH	8	0	0	0	0	8
6610	INLAID PAVEMENT MARKER-MW		EACH	110	0	0	0	0	110
6612	INLAID PAVEMENT MARKER-BY		EACH	262	0	0	0	0	262
7535	J-HOOK VANE		EACH	1	0	0	0	0	1
8002	STRUCTURE EXCAVATION-ROCK		CU YD	44	0	0	0	0	44
8018	RETAINING WALL		SQ FT	1735	0	0	0	0	1735
8903	CRASH CUSHION TY VI CLASS BT L3		EACH	0	0	0	0	4	4
10030S	ASPHALT ADJUSTMENT		DOLL	0	0	0	0	0	162581
20071EC	JOINT ADHESIVE		LF	56400	0	720	252	0	77200
20191ED	OBJECT MARKER TY 3		EACH	9	0	0	0	3	12
20550ND	SAWCUT PAVEMENT		LF	15082	180	0	0	0	15262
21289ED	LONGITUDINAL EDGE KEY		LF	14354	180	0	0	0	14534
21802EN	G/R STEEL W BEAM-S FACE (7 FT POST)	NOTE 8	LF	5650	0	0	0	0	5650
23274ENL1F	TURF REINFORCEMENT MAT 1		SQ YD	573	0	0	0	0	573
24814EC	PIPELINE INSPECTION		LF	1204	0	0	0	0	1204
24891EC	PAVE MOUNT INFRARED TEMP EQUIPMENT		LF	2111571	0	0	0	0	2111571
25090EC	SINUSOIDAL RUMBLE STRIPS		LF	51945	0	720	252	0	52917

1.EARTHWORK TOTALS

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COMMON EXCAVATION----210859 CU YD
ROCK EXCAVATION----244950 CU YD
EMBANKMENT BENCHING.....5609 CU YD
TOTAL EXCAVATION.....461422 CU YD

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5.APPLIED AT A RATE OF 300 LBS PER ACRE
6.APPLIED AT A RATE OF 3 TONS PER ACRE
7.INCLUDES ALL NECESSARY ITEMS TO MAINTAIN AND CONTROL TRAFFIC

8.USE 7' GUARDRAIL POST
9.WHEN NO LONGER NEEDED REMOVE THE WALL FROM PROJECT. THE CONTRACTOR WILL MAINTAIN OWNERSHIP OF THE WALL.

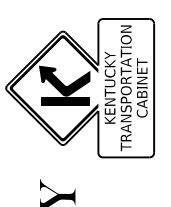
10.STA. 66+05 - 5'X5' RCBC
11.STA. 78+97 - 4'X3' RCBC
12.STA. 119+72 - 8'X5' RCBC
13.QUANTITY IS ESTIMATED.

SEE PERMANENT SIGNING NOTE ON SHEET NO. R2K
"GENERAL NOTES, SPECIAL NOTES, & SPECIAL PROVISIONS"



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: GENERAL SUMMARY



PAVING AREAS		SQUARE YARDS											
ITEM		TOTALS	MAINTENANCE OF TRAFFIC	ENTRANCES	MAYFIELD LANE	GRUNDY HOME ROAD	FREDERICKTOWN ROAD SHOULDERS	FREDERICKTOWN ROAD	SHOULDERS	MAINLINE			
301	1.50" CL2 ASPH SURF 0.38D PG64-22	23393				547	28	416	23933				
388	1.50" CL3 ASPH SURF 0.38B PG64-22	53667				547							
212	3.00" CL2 ASPH BASE 1.00D PG64-22	23393	31384										
212	4.50" CL2 ASPH BASE 1.00D PG64-22 (NOTE J)	21506	25896										
214	3.00" CL3 ASPH BASE 1.00D PG64-22	54028											
214	4.50" CL3 ASPH BASE 1.00D PG64-22 (NOTE J)	35850											
3	CRUSHED STONE BASE												
3	6.00" CRUSHED STONE BASE	34815	61620										
3	4.00" CRUSHED STONE BASE		8009										
190	LEVELING & WEDGING PG64-22												
78	12.00" CRUSHED AGGREGATE SIZE NO 2 (NOTE G)												
100	ASPHALT SEAL AGGREGATE	13443	13443										
103	ASPHALT SEAL COAT	13443	13443										
296	ASPHALT PRIME COAT												
24728EX	12.00" ROCK ROADBED	21506	70757										
24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING	107695	8000										

PAVING SUMMARY											
ITEM	UNIT	MAINLINE	SHOULDERS	FREDERICKTOWN ROAD	FREDERICKTOWN ROAD SHOULDERS	GRUNDY HOME ROAD	MAYFIELD LANE	ENTRANCES	MAINTENANCE OF TRAFFIC	TOTALS	
3	CRUSHED STONE BASE (NOTE B) (NOTE H)	12011	19253	38	10	358	125	1842	5083	38720	
78	CRUSHED AGGREGATE SIZE NO 2 (NOTE B) (NOTE E) (NOTE K)	TON	58466							58466	
100	ASPHALT SEAL AGGREGATE (NOTE F)	TON	268.9							268.9	
103	ASPHALT SEAL COAT (NOTE F)	TON	32.26							32.26	
190	LEVELING & WEDGING PG64-22 (NOTE E) (NOTE I)	TON	4481							4481	
212	CL2 ASPH BASE 1.00D PG64-22 (NOTE A)	TON	9183							11589	
214	CL3 ASPH BASE 1.00D PG64-22 (NOTE A)	TON	17787							17988	
296	ASPHALT PRIME COAT (NOTE D)	TON	26.89							53.07	
301	CL2 ASPH SURF 0.38D PG64-22 (NOTE A)	TON	1930							2589	
388	CL3 ASPH SURF 0.38B PG64-22 (NOTE A)	TON	4428							4526	
2602	FABRIC-GEOTEXTILE CLASS 1 (NOTE L)	SQ YD	164509							164509	
24728EX	ROCK ROADBED	CU YD								2667	
24785EC	FIBER REINFORCEMENT FOR HMA (NOTE J)	TON	8873							15283	
24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING (NOTE C)	TON	37.69							57.41	

- NOTES:
- A. ESTIMATED AT 110 LBS. PER SQ. YD. PER INCH OF DEPTH
 - B. ESTIMATED AT 115 LBS. PER SQ. YD. PER INCH OF DEPTH; INCLUDES QUANTITY CARRIED OVER FROM PERFORATED PIPE SUMMARY
 - C. APPLIED AT A RATE OF 0.70 LBS PER SQ. YD.
 - D. APPLIED AT A RATE OF 1.50 LBS PER SQ. YD.
 - E. VOLUME CALCULATED BY END AREA METHOD AND CONVERTED TO TONS
 - F. TWO (2) APPLICATIONS FROM OUTSIDE EDGE OF PAVED SHOULDER TO 2 FEET DOWN THE DITCH OR FILL SLOPE
 - G. MINIMUM 12.00" CRUSHED AGGREGATE SIZE NO 2 LAYER
 - H. A PORTION OF THE SHOULDER QUANTITY WAS CALCULATED BY END AREA METHOD AND CONVERTED TO TONS
 - I. THE MAINLINE QUANTITY FOR CRUSHED AGGREGATE SIZE NO 2 INCLUDES THE MAINLINE SHOULDERS
 - J. SEE SPECIAL NOTE FOR FIBER REINFORCEMENT OF ASPHALT ON SHEET NO. R2K - "GENERAL NOTES, SPECIAL NOTES, & SPECIAL PROVISIONS"
 - K. INCLUDES 12 TONS FROM THE PERFORATED PIPE SUMMARY - SHEET R2J
 - L. THE MAINLINE QUANTITY FOR FABRIC-GEOTEXTILE CLASS 1 INCLUDES THE MAINLINE SHOULDERS

MAINTENANCE OF TRAFFIC CONSTRUCTION PHASING NOTES

PHASE 1A1

CONSTRUCT TEMPORARY PAVEMENT WIDENING (SEE SHEET R2E) ON THE SOUTH SIDE OF US 150 FROM STA. 63+00 TO STA. 70+00. LANE CLOSURES AND FLAGGERS WILL BE REQUIRED. WIDEN AT THE EXISTING ELEVATION AND CROSS SLOPE. THIS WIDENING IS TO ALLOW FOR PHASE CONSTRUCTION OF THE 72 INCH PIPE CULVERT.

PHASE 1A

CONSTRUCT PART DEPTH ULTIMATE PAVEMENT (BOTTOM ASPHALT BASE LAYER) FROM STA. 14+00 TO STA. 42+91 AND STA. 47+07 TO STA. 77+50. UTILIZE LEVELING WEDGING TO MAINTAIN POSITIVE DRAINAGE OVER WIDENED SECTION ON THE NORTH SIDE OF US 150 FOR THE PORTIONS SHOWN. LANE CLOSURES AND FLAGGERS WILL BE REQUIRED. THE WIDENING GENERALLY MATCHES THE ULTIMATE PAVED SHOULDER OFFSET, 19' LEFT. TRANSITIONS ARE REQUIRED AT EACH END (EXISTING PAVEMENT EDGE AT STA. 14+00 TO 19' LEFT AT STA. 24+00, FROM 19' LEFT AT 35+46.60 TO EXISTING EDGE AT STA. 42+91, FROM EXISTING EDGE AT STATION 47+07 TO 19' LEFT AT STA. 54+00, THEN FROM 19' LEFT AT STA. 67+50 TO THE EXISTING PAVEMENT EDGE AT STA. 77+50.

CONSTRUCT TEMPORARY PAVEMENT WIDENING (SEE SHEET R2E) ON THE NORTH SIDE OF US 150 FROM STA. 114+89.50 TO STA. 123+64.43, TO ALLOW FOR PHASE CONSTRUCTION OF THE 8' X 5' RCBC. WIDEN AT THE EXISTING ELEVATION AND CROSS SLOPE. A TEMPORARY EXTENSION OF THE EXISTING RCBC ON THE NORTH SIDE IS REQUIRED.

USING LANE CLOSURES AS NEEDED. INSTALL PROPOSED DRAINAGE AT STATIONS 13+55, 18+95, 22+28, 25+14, 31+46, 57+25, 60+47, & 73+57. PARTIALLY CONSTRUCT PROPOSED DRAINAGE AT STATIONS 66+05 AND 78+97.

PHASE 1B

SHIFT 2 LANES OF TRAFFIC TO THE EXISTING AND NEWLY WIDENED NORTHERN PORTION OF US 150. CONSTRUCT THE ULTIMATE AND TEMPORARY PAVEMENT ON THE SOUTH SIDE AS SHOWN, ULTIMATE PAVEMENT FROM STA. 10+00 TO STA. 37+00 AND STA. 50+00 TO STA. 67+50. FROM STA. 37+00 TO 50+00 CONSTRUCT PART DEPTH ULTIMATE PAVEMENT (BOTTOM ASPHALT BASE LAYER). UTILIZE LEVELING WEDGING TO MAINTAIN POSITIVE DRAINAGE OVER WIDENED SECTION. LANE CLOSURES WILL BE REQUIRED TO CONSTRUCT THE WIDENING FROM STA. 10+00 TO STA. 20+00. ALSO OVERLAY THE EXISTING PAVEMENT FROM STA. 10+00 TO STA. 15+00 TO ACCOMMODATE 2 LANES. FLAGGERS WILL BE REQUIRED.

CONSTRUCT TEMPORARY WIDENING (SEE SHEET R2E) SHOWN ON THE SOUTH SIDE FROM STA. 67+50 TO STA. 95+67.50 AND STA. 106+00 TO STA. 131+98.68. WIDEN AT THE EXISTING ELEVATION AND CROSS SLOPE. STATION AND OFFSET FOR THESE LIMITS AND TRANSITIONS ARE NOTED ON THE PLANS. CONSTRUCT REMAINING PORTIONS OF PROPOSED DRAINAGE AT STATIONS 66+05 AND 78+97. CONSTRUCT RETAINING WALL AND SOUTH END OF RCBC AT 119+72

PHASE 2

SHIFT TRAFFIC TO THE PREVIOUSLY CONSTRUCTED AND WIDENED SOUTH SIDE OF US 150 AND CONSTRUCT THE ENTIRE NORTH SIDE (ULTIMATE PAVEMENT WIDENING AND REPLACEMENT) FROM STA. 10+00 TO STA. 137+50. PLACE TEMPORARY CONCRETE BARRIER WALL FROM STA. 105+00 TO STA. 116+00, AND STA. 120+50 TO STA. 125+00, WITH TEMPORARY CRASH CUSHIONS AT EACH END, TO ALLOW THE FULL DEPTH PAVEMENT REPLACEMENT ADJACENT TO THE TRAVEL LANES. CONSTRUCT NORTH SIDE OF RCBC AT 119+72. CONSTRUCT ANY OTHER REMAINING PROPOSED DRAINAGE STRUCTURES.

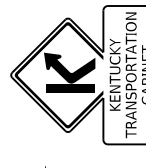
IT WILL BE NECESSARY TO CLOSE GRUNDY HOME ROAD NEAR US 150 INTERSECTION TO COMPLETE TIE IN CONSTRUCTION. INSTALL VARIABLE MESSAGE BOARD TWO WEEKS PRIOR TO COMMUNICATE CLOSURE. ROAD CLOSURE SHALL BE LIMITED TO ONE WEEK DURATION.

PHASE 3

SHIFT TRAFFIC TO THE PREVIOUSLY COMPLETED NORTH SIDE OF US 150 AND COMPLETE THE SOUTH SIDE (ULTIMATE PAVEMENT WIDENING AND REPLACEMENT), STA. 37+00 TO STA. 50+00, AND STA. 67+50 TO STA. 129+73.68 (EAST PROJECT TERMINUS). PLACE TEMPORARY CONCRETE BARRIER WALL FROM STA. 105+00 TO STA. 117+50, AND STA. 119+00 TO STA. 125+00 WITH TEMPORARY CRASH CUSHIONS AT EACH END, TO ALLOW THE FULL DEPTH PAVEMENT REPLACEMENT ADJACENT TO THE TRAVEL LANES. CONSTRUCT REMAINING PORTION OF RCBC AT 119+72. ALLOW MAYFIELD LN TRAFFIC TO USE PREVIOUS TEMPORARY WIDENING TO ACCESS MAYFIELD LN WHILE BUILDING ULTIMATE CONSTRUCTION OF MAYFIELD LN AND EAST TOWARDS PROJECT TERMINUS.

PHASE 3B

CLOSE GAP BETWEEN STA. 117+50 - 119+00 WITH TEMPORARY BARRIER WALL. REMOVE TEMPORARY BARRIER WALL FROM STA. 121+75 TO 135+75.50 COMPLETE CONSTRUCTION AS SHOWN IN PLANS



MAINTENANCE OF TRAFFIC CONSTRUCTION PHASING NOTES

PHASE 1A1

CONSTRUCT TEMPORARY PAVEMENT WIDENING (SEE SHEET R2E) ON THE SOUTH SIDE OF US 150 FROM STA. 63+00 TO STA. 70+00. LANE CLOSURES AND FLAGGERS WILL BE REQUIRED. WIDEN AT THE EXISTING ELEVATION AND CROSS SLOPE. THIS WIDENING IS TO ALLOW FOR PHASE CONSTRUCTION OF THE 72 INCH PIPE CULVERT.

PHASE 1A

CONSTRUCT PART DEPTH ULTIMATE PAVEMENT (BOTTOM ASPHALT BASE LAYER) FROM STA. 14+00 TO STA. 42+91 AND STA. 47+07 TO STA. 77+50. UTILIZE LEVELING WEDGING TO MAINTAIN POSITIVE DRAINAGE OVER WIDENED SECTION ON THE NORTH SIDE OF US 150 FOR THE PORTIONS SHOWN. LANE CLOSURES AND FLAGGERS WILL BE REQUIRED. THE WIDENING GENERALLY MATCHES THE ULTIMATE PAVED SHOULDER OFFSET, 19' LEFT. TRANSITIONS ARE REQUIRED AT EACH END (EXISTING PAVEMENT EDGE AT STA. 14+00 TO 19' LEFT AT STA. 24+00, FROM 19' LEFT AT 35+46.60 TO EXISTING EDGE AT STA. 42+91, FROM EXISTING EDGE AT STATION 47+07 TO 19' LEFT AT STA. 54+00, THEN FROM 19' LEFT AT STA. 67+50 TO THE EXISTING PAVEMENT EDGE AT STA. 77+50.

CONSTRUCT TEMPORARY PAVEMENT WIDENING (SEE SHEET R2E) ON THE NORTH SIDE OF US 150 FROM STA. 114+89.50 TO STA. 123+64.43, TO ALLOW FOR PHASE CONSTRUCTION OF THE 8' X 5' RCBC. WIDEN AT THE EXISTING ELEVATION AND CROSS SLOPE. A TEMPORARY EXTENSION OF THE EXISTING RCBC ON THE NORTH SIDE IS REQUIRED.

USING LANE CLOSURES AS NEEDED INSTALL PROPOSED DRAINAGE

AT STATIONS 13+55, 18+95, 22+28, 25+14, 31+46, 57+25, 60+47, & 73+57. PARTIALLY CONSTRUCT PROPOSED DRAINAGE AT STATIONS 66+05 AND 78+97.

PHASE 1B

SHIFT 2 LANES OF TRAFFIC TO THE EXISTING AND NEWLY WIDENED NORTHERN PORTION OF US 150.

CONSTRUCT THE ULTIMATE AND TEMPORARY PAVEMENT ON THE SOUTH SIDE AS SHOWN, ULTIMATE PAVEMENT FROM STA. 10+00 TO STA. 37+00 AND STA. 50+00 TO STA. 67+50. FROM STA. 37+00 TO 50+00 CONSTRUCT PART DEPTH ULTIMATE PAVEMENT (BOTTOM ASPHALT BASE LAYER). UTILIZE LEVELING WEDGING TO MAINTAIN POSITIVE DRAINAGE OVER WIDENED SECTION. LANE CLOSURES WILL BE REQUIRED TO CONSTRUCT THE WIDENING FROM STA. 10+00 TO STA. 20+00. ALSO OVERLAY THE EXISTING PAVEMENT FROM STA. 10+00 TO STA. 15+00 TO ACCOMMODATE 2 LANES. FLAGGERS WILL BE REQUIRED.

CONSTRUCT TEMPORARY WIDENING (SEE SHEET R2E) SHOWN ON THE SOUTH SIDE FROM STA. 67+50 TO STA. 95+67.50 AND STA. 106+00 TO STA. 131+98.68. WIDEN AT THE EXISTING ELEVATION AND CROSS SLOPE. STATION AND OFFSET FOR THESE LIMITS AND TRANSITIONS ARE NOTED ON THE PLANS.
CONSTRUCT REMAINING PORTIONS OF PROPOSED DRAINAGE AT STATIONS 66+05 AND 78+97.
CONSTRUCT RETAINING WALL AND SOUTH END OF RCBC AT 119+72

PHASE 2

SHIFT TRAFFIC TO THE PREVIOUSLY CONSTRUCTED AND WIDENED SOUTH SIDE OF US 150 AND CONSTRUCT THE ENTIRE NORTH SIDE (ULTIMATE PAVEMENT WIDENING AND REPLACEMENT) FROM STA. 10+00 TO STA. 137+50.

PLACE TEMPORARY CONCRETE BARRIER WALL FROM STA. 105+00 TO STA. 116+00, AND STA. 120+50 TO STA. 125+00, WITH TEMPORARY CRASH CUSHIONS AT EACH END, TO ALLOW THE FULL DEPTH PAVEMENT REPLACEMENT ADJACENT TO THE TRAVEL LANES.
CONSTRUCT NORTH SIDE OF RCBC AT 119+72. CONSTRUCT ANY OTHER REMAINING PROPOSED DRAINAGE STRUCTURES.

IT WILL BE NECESSARY TO CLOSE GRUNDY HOME ROAD NEAR US 150 INTERSECTION TO COMPLETE TIE IN CONSTRUCTION. INSTALL VARIABLE MESSAGE BOARD TWO WEEKS PRIOR TO COMMUNICATE CLOSURE. ROAD CLOSURE SHALL BE LIMITED TO ONE WEEK DURATION.

PHASE 3

SHIFT TRAFFIC TO THE PREVIOUSLY COMPLETED NORTH SIDE OF US 150 AND COMPLETE THE SOUTH SIDE (ULTIMATE PAVEMENT WIDENING AND REPLACEMENT), STA. 37+00 TO STA. 50+00, AND STA. 67+50 TO STA. 129+73.68 (EAST PROJECT TERMINUS).
PLACE TEMPORARY CONCRETE BARRIER WALL FROM STA. 105+00 TO STA. 117+50, AND STA. 119+00 TO STA. 125+00 WITH TEMPORARY CRASH CUSHIONS AT EACH END, TO ALLOW THE FULL DEPTH PAVEMENT REPLACEMENT ADJACENT TO THE TRAVEL LANES.

CONSTRUCT REMAINING PORTION OF RCBC AT 119+72.

ALLOW MAYFIELD LN TRAFFIC TO USE PREVIOUS TEMPORARY WIDENING TO ACCESS MAYFIELD LN WHILE BUILDING ULTIMATE CONSTRUCTION OF MAYFIELD LN AND EAST TOWARDS PROJECT TERMINUS.

PHASE 3B

CLOSE GAP BETWEEN STA. 117+50 - 119+00 WITH TEMPORARY BARRIER WALL. REMOVE TEMPORARY BARRIER WALL FROM STA. 121+75 TO 135+75.50
COMPLETE CONSTRUCTION AS SHOWN IN PLANS



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

DRAWING TITLE: MAINTENANCE OF TRAFFIC NOTES

5+00

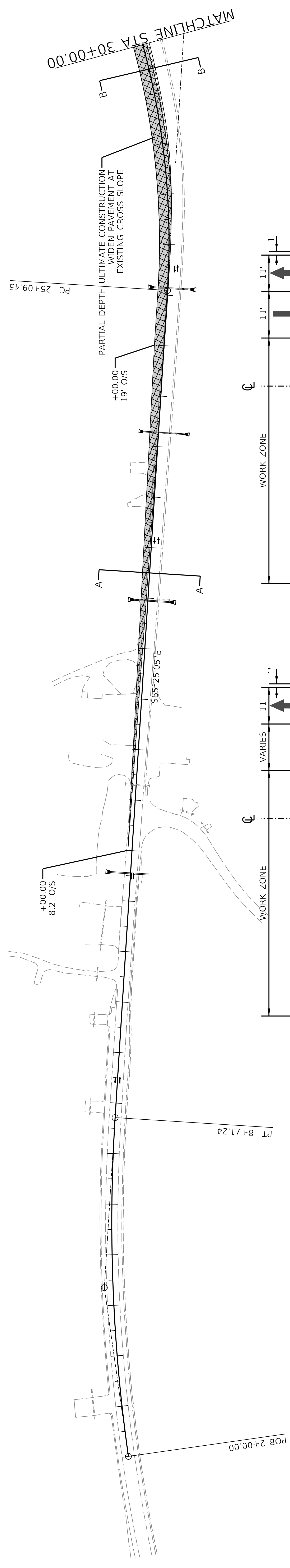
10+00

15+00

20+00



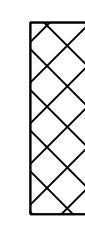

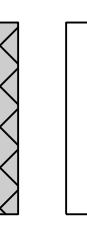
25+00

30+00



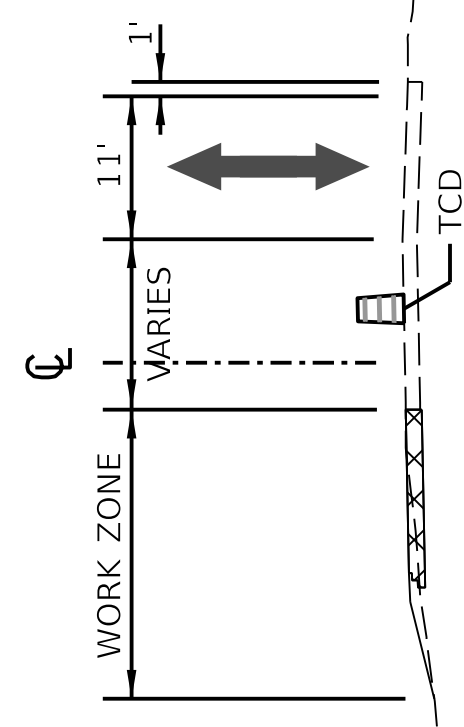
SECTION B-B

FOR PAVEMENT WIDENING DURING HOURS WHEN LANE CLOSURE PERMITTED (SEE SHEET R51)

-  CONSTRUCTION THIS PHASE
-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  PARTIAL DEPTH ULTIMATE CONSTRUCTION THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE

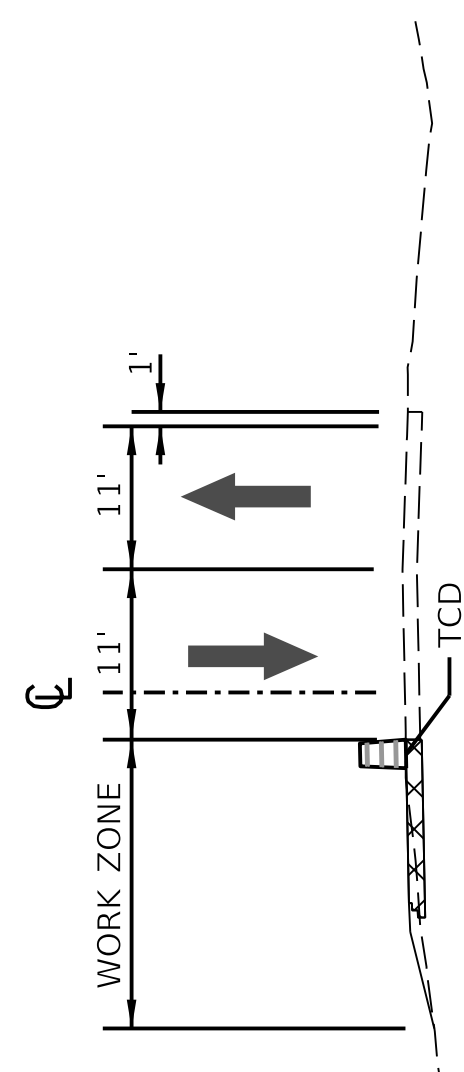
SECTION B-B

MAINTAIN TWO LANES DURING HOURS NOTED ON SHEET R51



SECTION A-A

FOR PAVEMENT WIDENING DURING HOURS WHEN LANE CLOSURE PERMITTED (SEE SHEET R51)



SECTION A-A

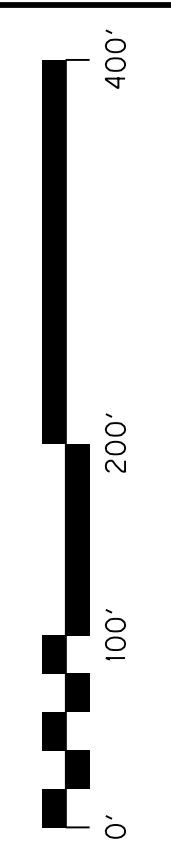
MAINTAIN TWO LANES DURING HOURS NOTED ON SHEET R51



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

US 150
DRAWING TITLE: MAINTENANCE OF TRAFFIC SHEET
PHASE 1A

HORIZONTAL SCALE
SCALE: 1" = 100'



STA. 2+00 TO STA. 30+00

ITEM NO. 04-396.20 COUNTY OF Washington
SHEET NO. R53

5+00

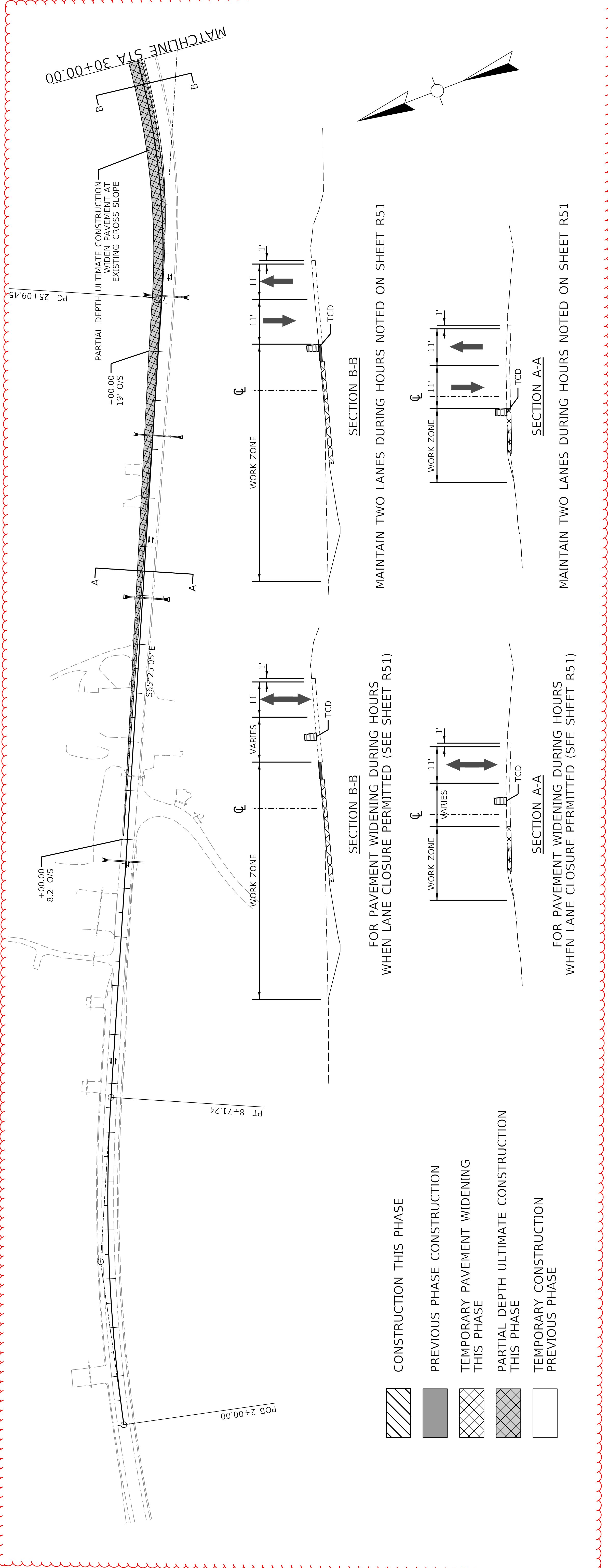
10+00



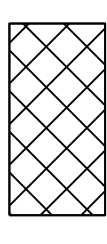
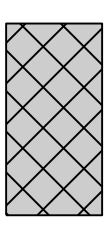
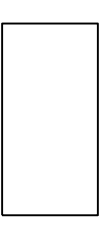
15+00

20+00

25+00

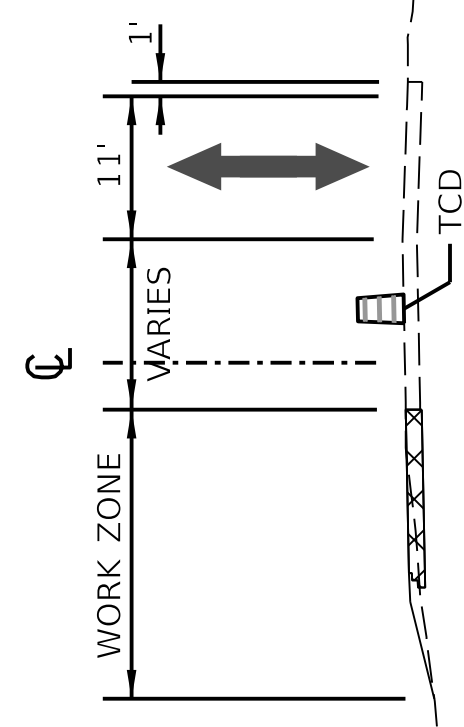
30+00



-  CONSTRUCTION THIS PHASE
-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  PARTIAL DEPTH ULTIMATE CONSTRUCTION THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE

SECTION B-B

FOR PAVEMENT WIDENING DURING HOURS WHEN LANE CLOSURE PERMITTED (SEE SHEET R51)

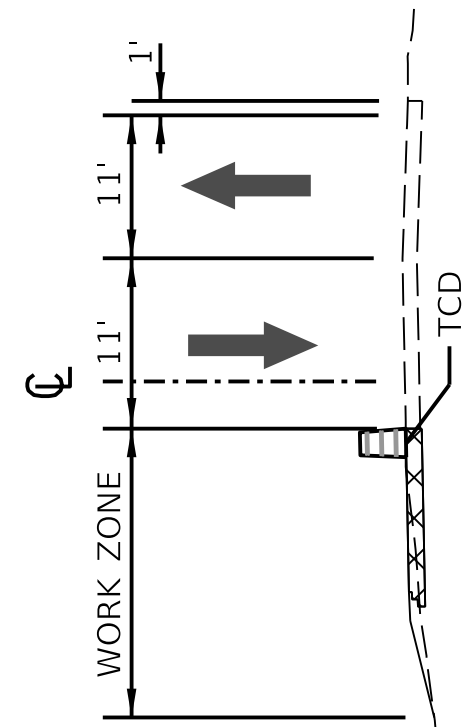


SECTION A-A

FOR PAVEMENT WIDENING DURING HOURS WHEN LANE CLOSURE PERMITTED (SEE SHEET R51)

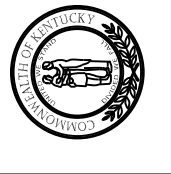
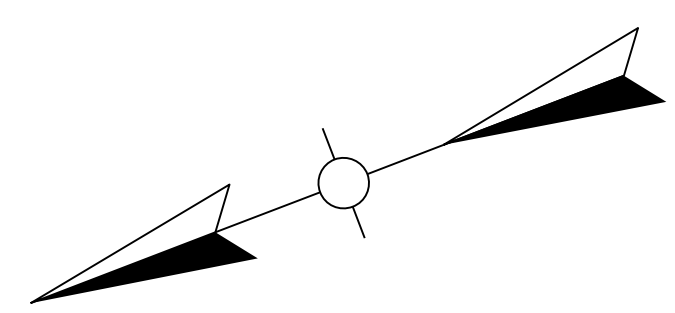
SECTION B-B

MAINTAIN TWO LANES DURING HOURS NOTED ON SHEET R51



SECTION A-A

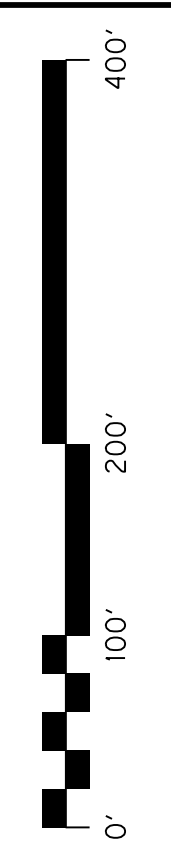
MAINTAIN TWO LANES DURING HOURS NOTED ON SHEET R51



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

US 150
DRAWING TITLE: MAINTENANCE OF TRAFFIC SHEET
PHASE 1A

HORIZONTAL SCALE
SCALE: 1" = 100'



STA. 2+00 TO STA. 30+00

ITEM NO. 04-396.20 COUNTY OF Washington
SHEET NO. R53

50+00

45+00

40+00

35+00

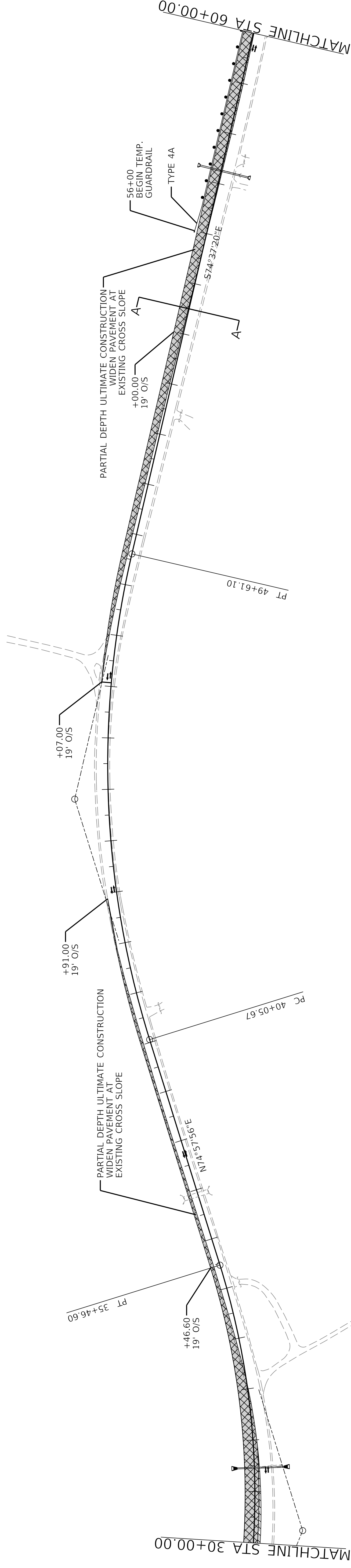
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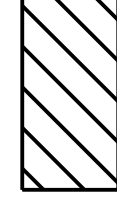
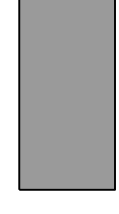
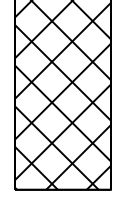
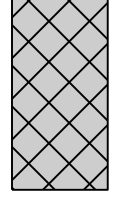

55+00

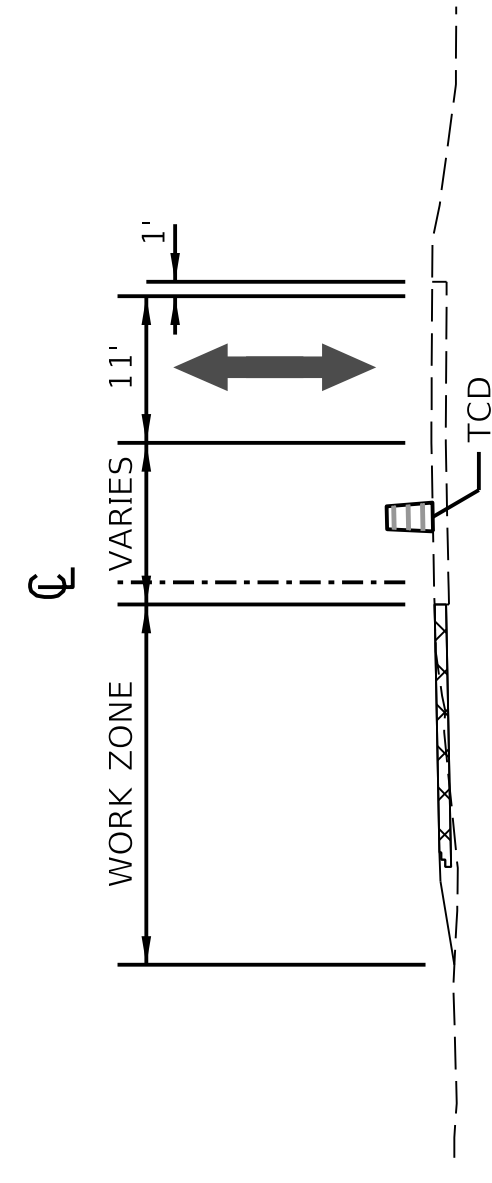
60+00

MATCHLINE STA 30+00.00

MATCHLINE STA 60+00.00

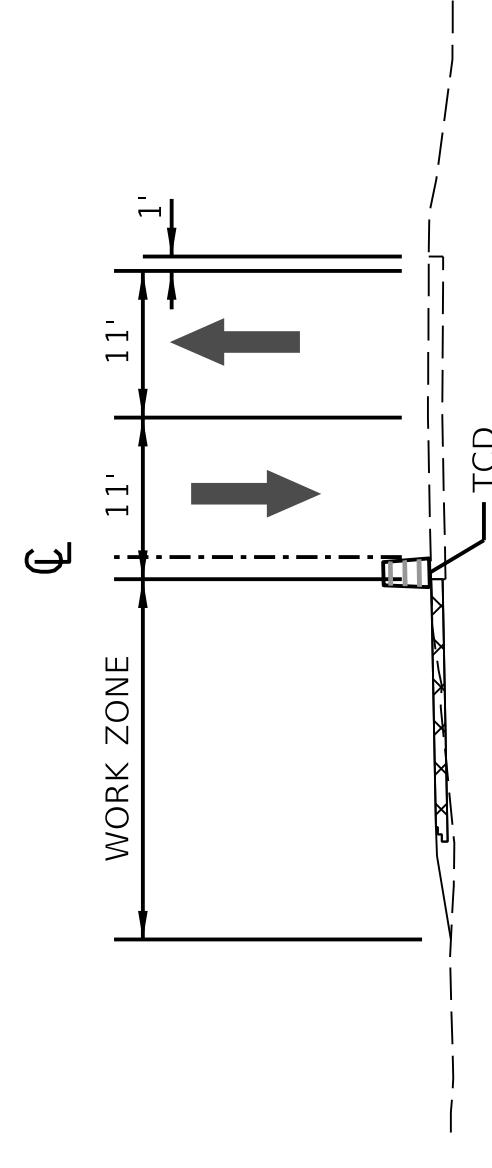


-  CONSTRUCTION THIS PHASE
-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  PARTIAL DEPTH ULTIMATE CONSTRUCTION THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE



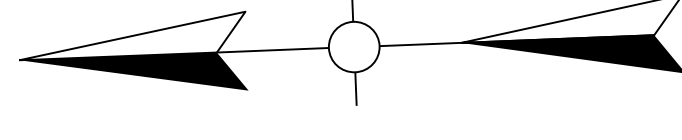
SECTION A-A

FOR PAVEMENT WIDENING DURING HOURS WHEN LANE CLOSURE PERMITTED (SEE SHEET R51)



SECTION A-A

MAINTAIN TWO LANES DURING HOURS NOTED ON SHEET R51



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS



OpenRoads Designer v10.14.4.4

USER: ewdrake

DATE PLOTTED: 9/7/2005 7:08:02 PM

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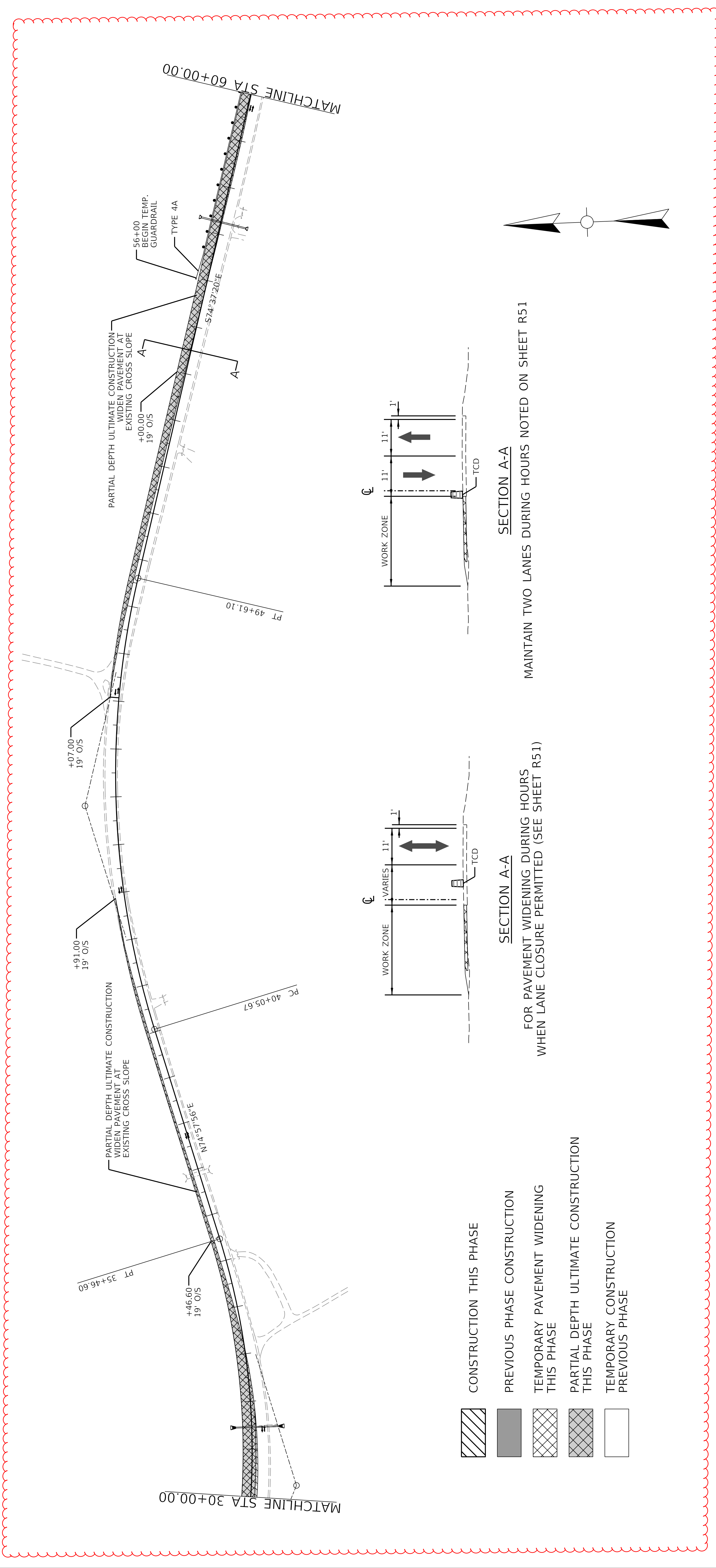
DRAWING TITLE: MAINTENANCE OF TRAFFIC SHEET
PHASE 1A

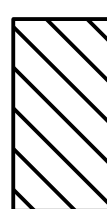

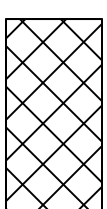
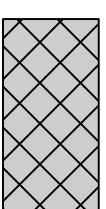
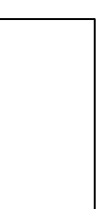
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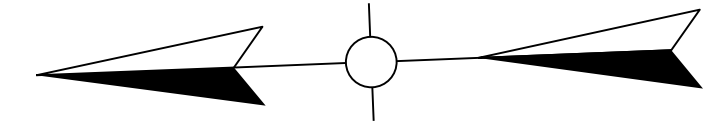


STA. 30+00 TO STA. 60+00

ITEM NO. 04-396.20 COUNTY OF Washington
SHEET NO. R54

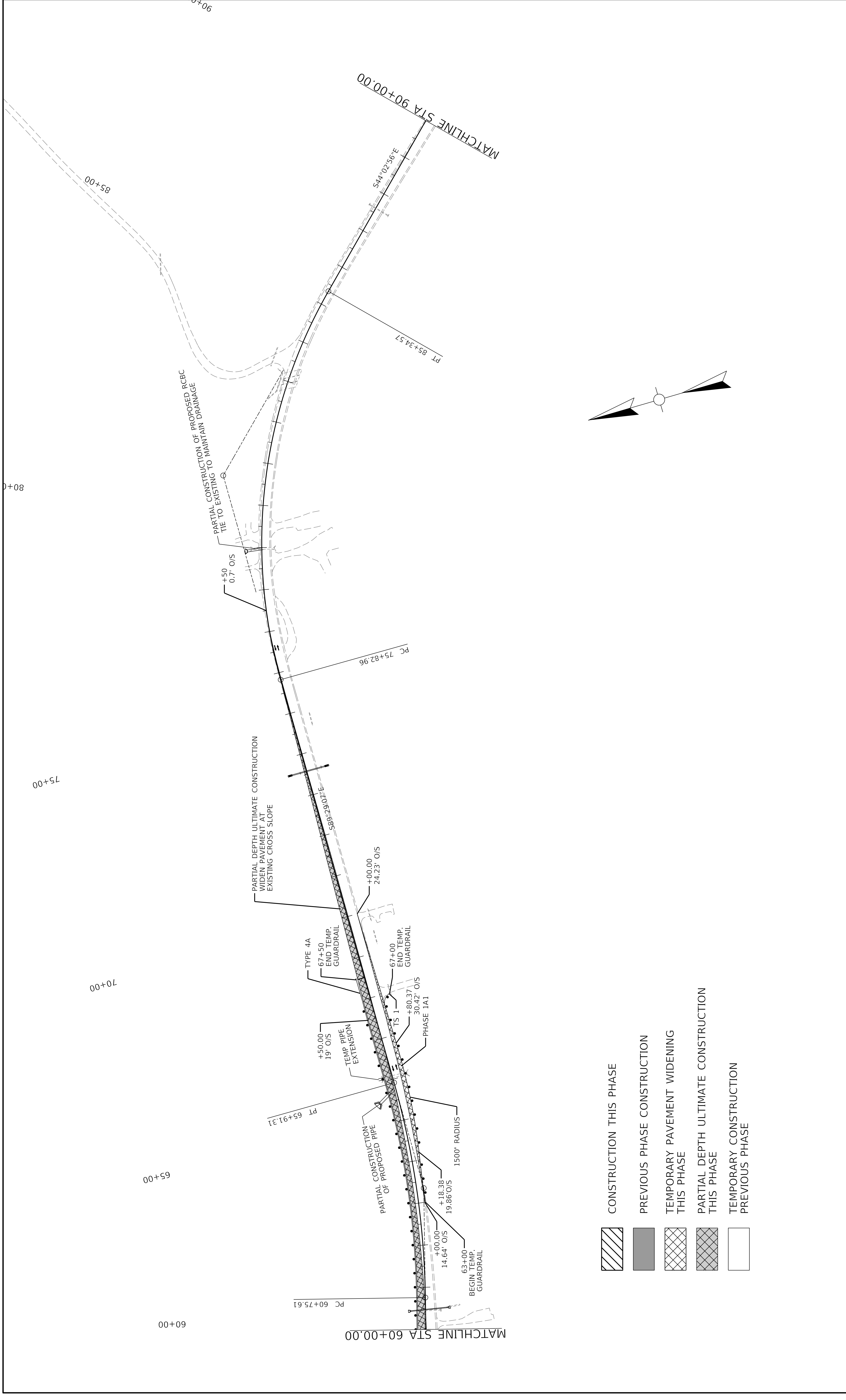


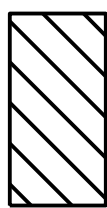
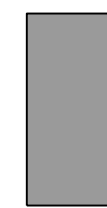
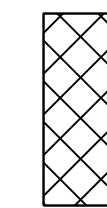
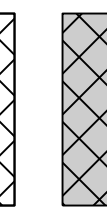
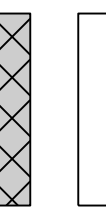
-  CONSTRUCTION THIS PHASE
-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  PARTIAL DEPTH ULTIMATE CONSTRUCTION THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE

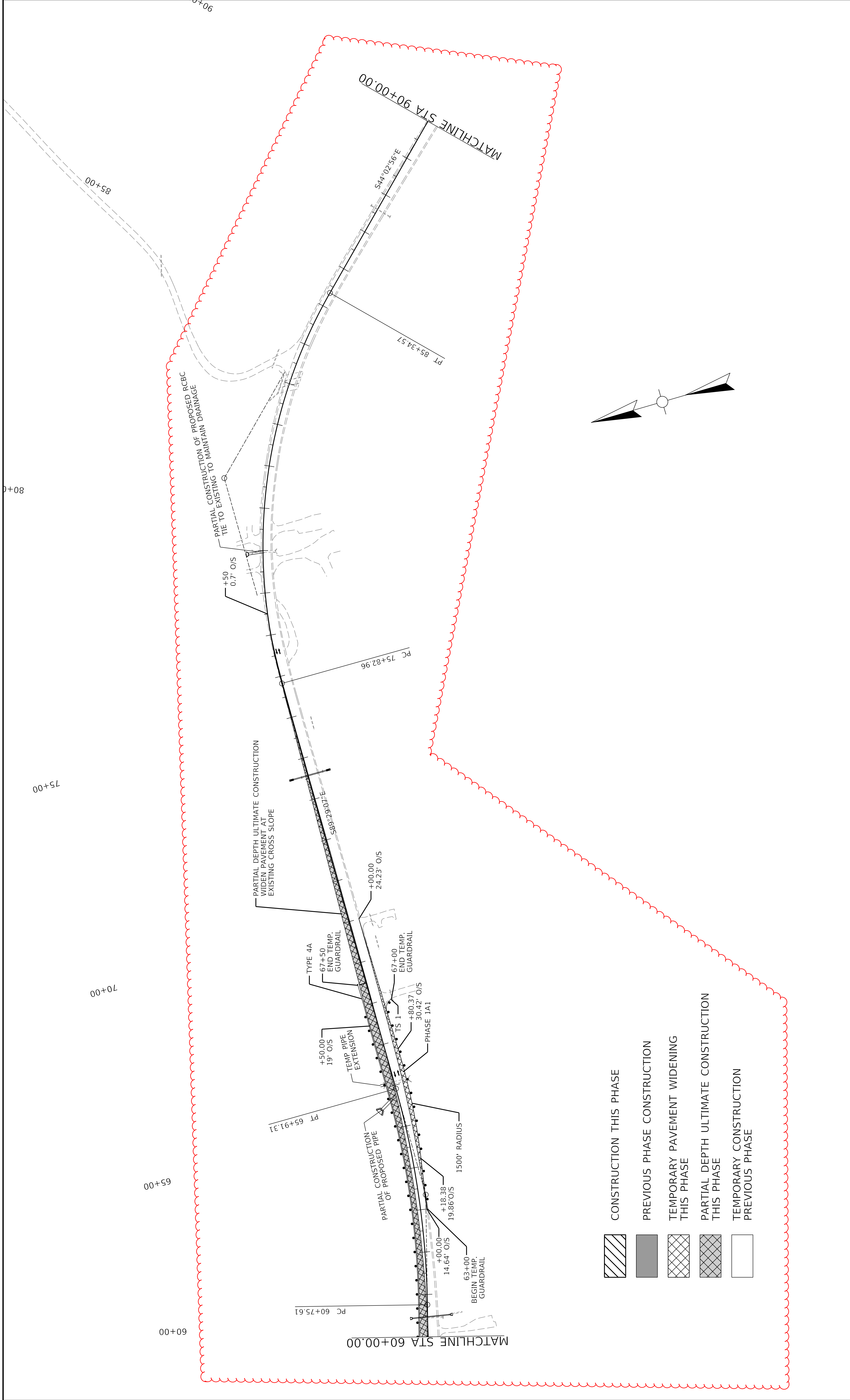



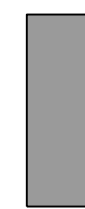
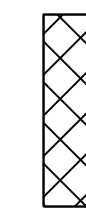
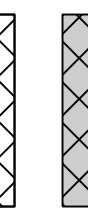
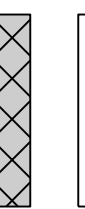
SECTION A-A
 MAINTAIN TWO LANES DURING HOURS NOTED ON SHEET R51

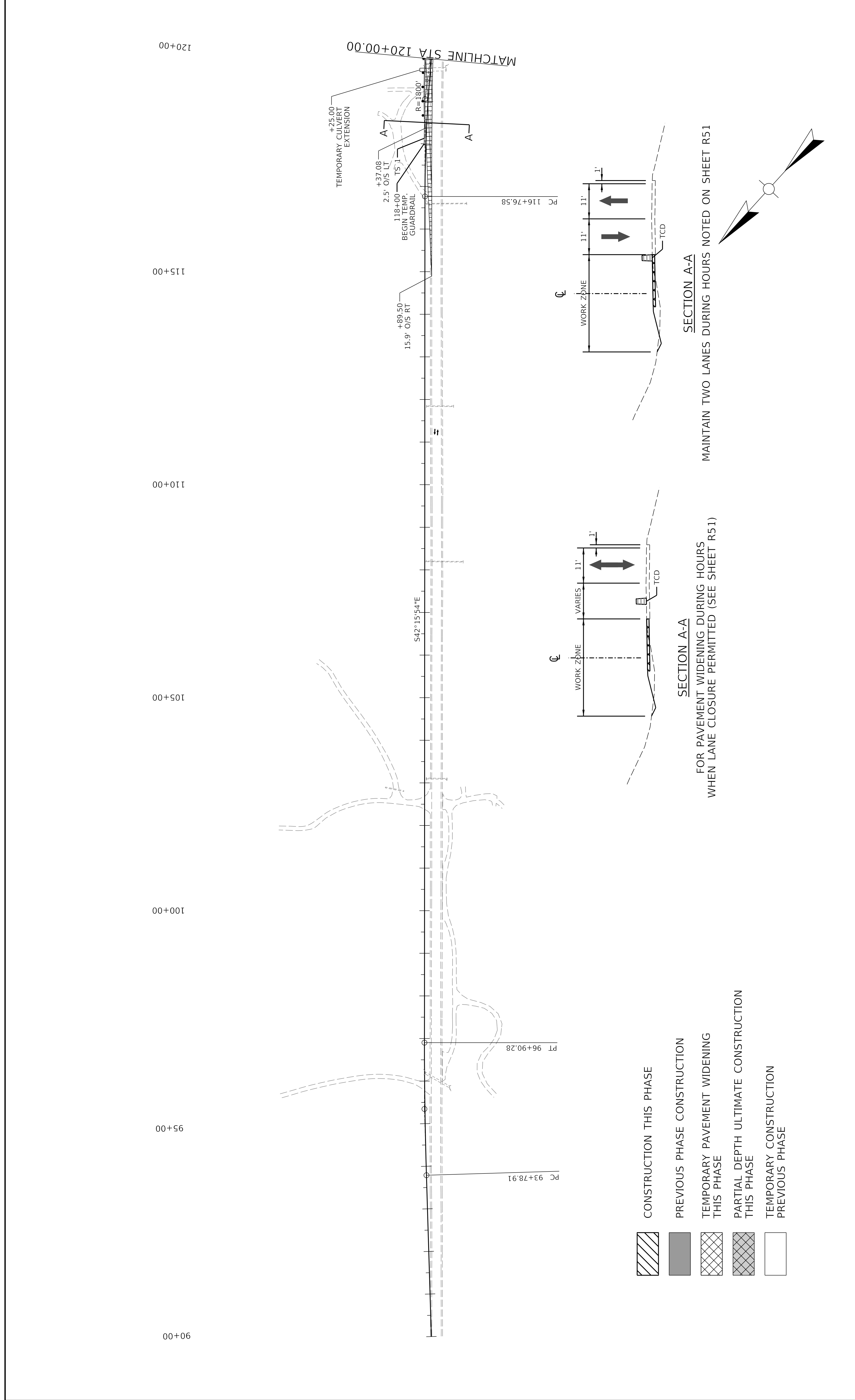
SECTION A-A
 FOR PAVEMENT WIDENING DURING HOURS
 WHEN LANE CLOSURE PERMITTED (SEE SHEET R51)

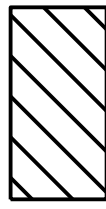
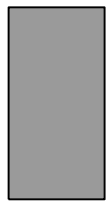
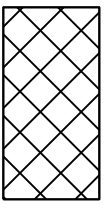
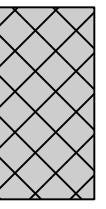
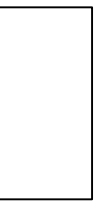


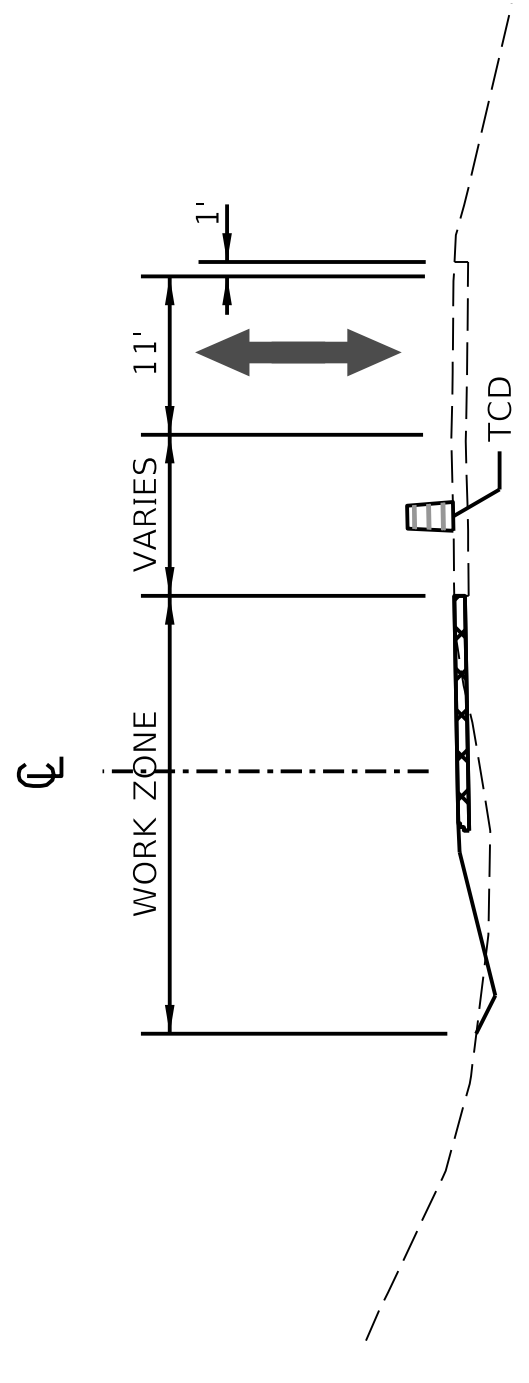
-  CONSTRUCTION THIS PHASE
-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  PARTIAL DEPTH ULTIMATE CONSTRUCTION THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE



-  CONSTRUCTION THIS PHASE
-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  PARTIAL DEPTH ULTIMATE CONSTRUCTION THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE

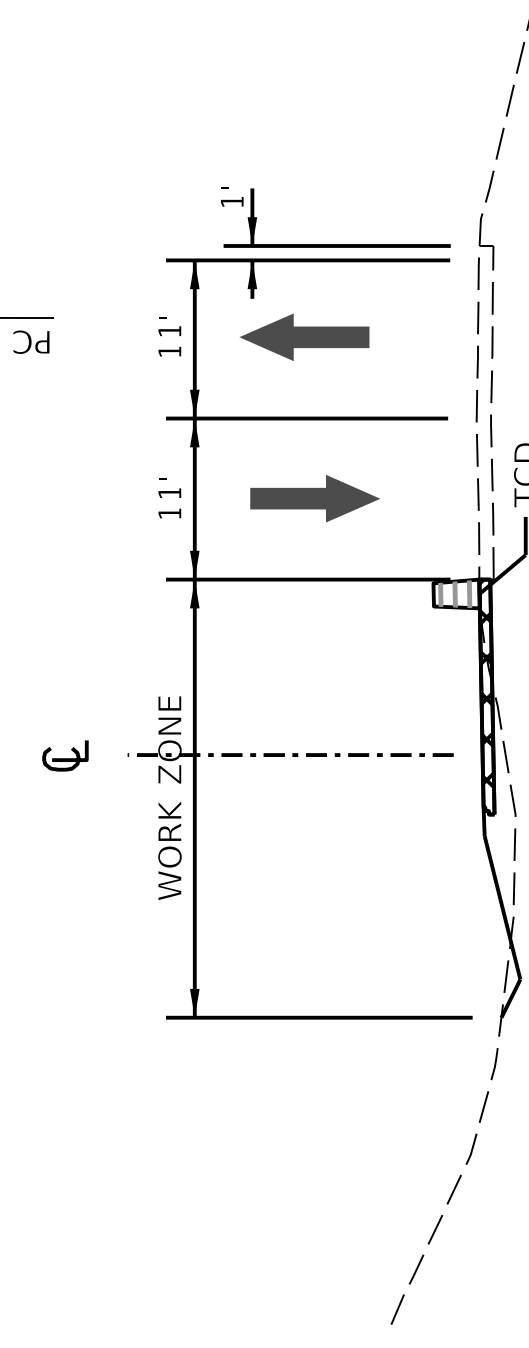


-  CONSTRUCTION THIS PHASE
-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  PARTIAL DEPTH ULTIMATE CONSTRUCTION THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE



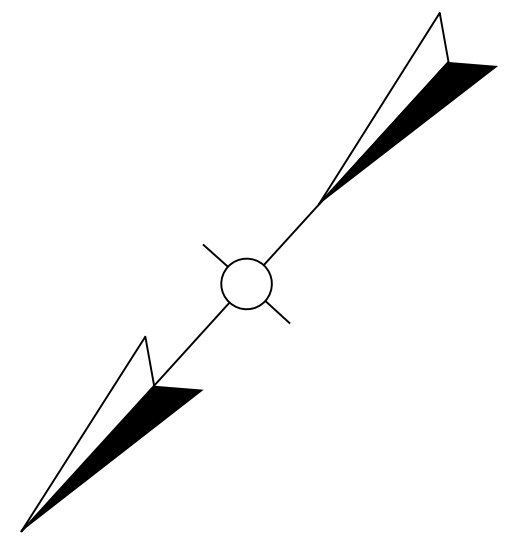
SECTION A-A

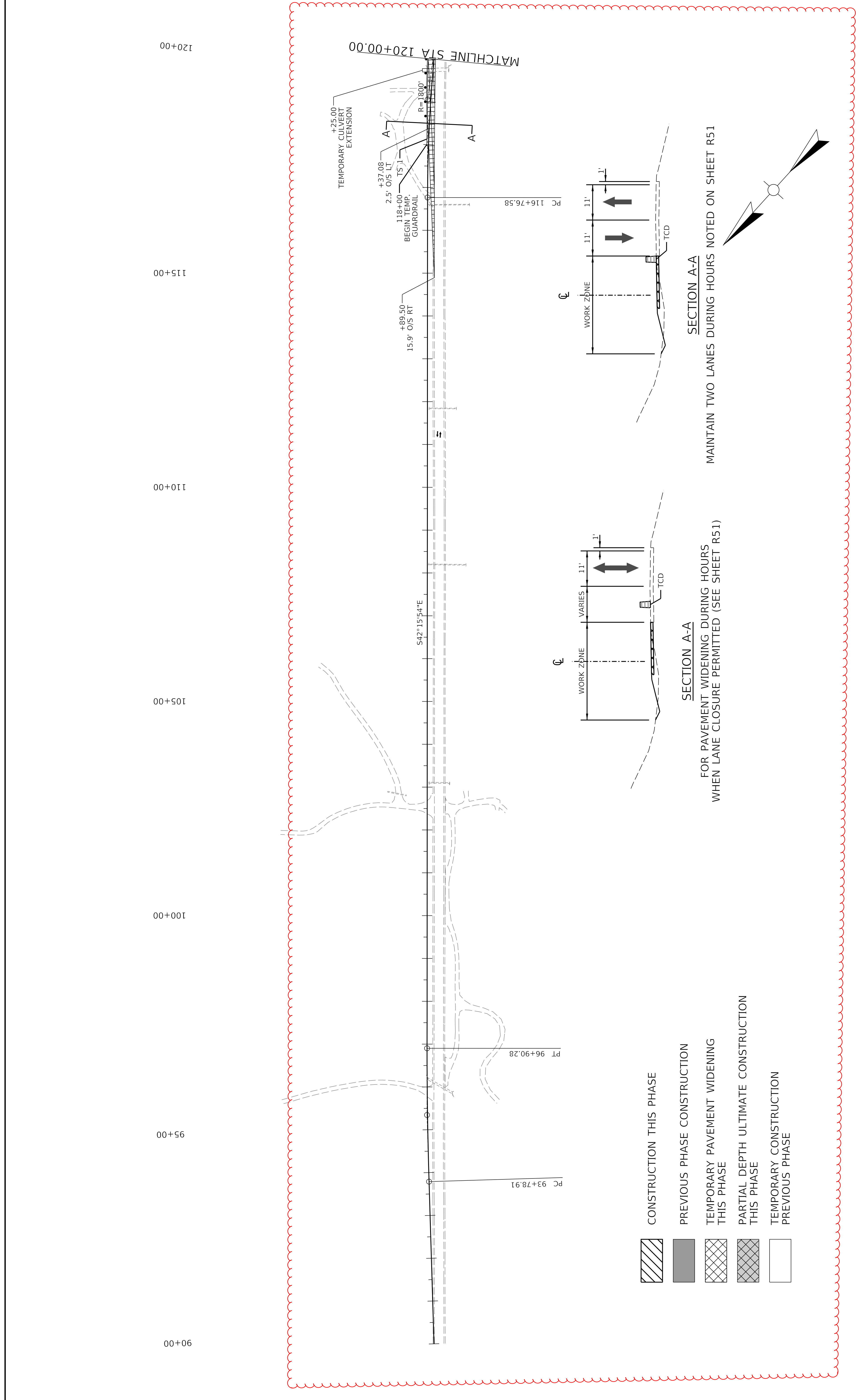
FOR PAVEMENT WIDENING DURING HOURS WHEN LANE CLOSURE PERMITTED (SEE SHEET R51)

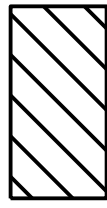

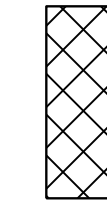
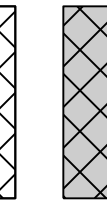
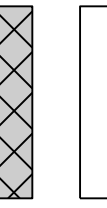


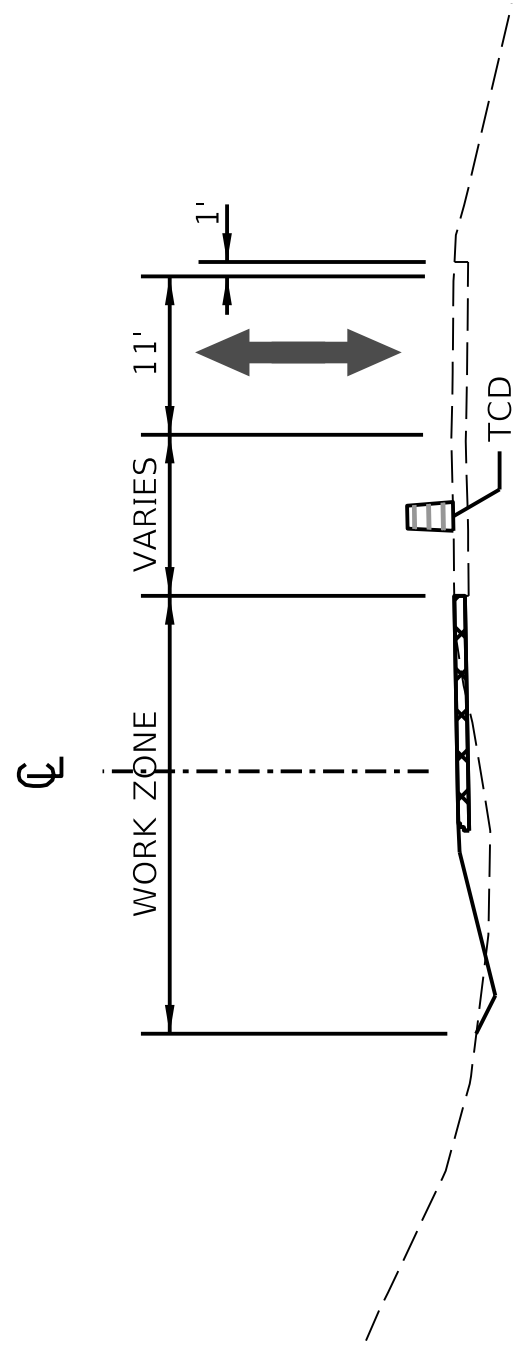
SECTION A-A

MAINTAIN TWO LANES DURING HOURS NOTED ON SHEET R51

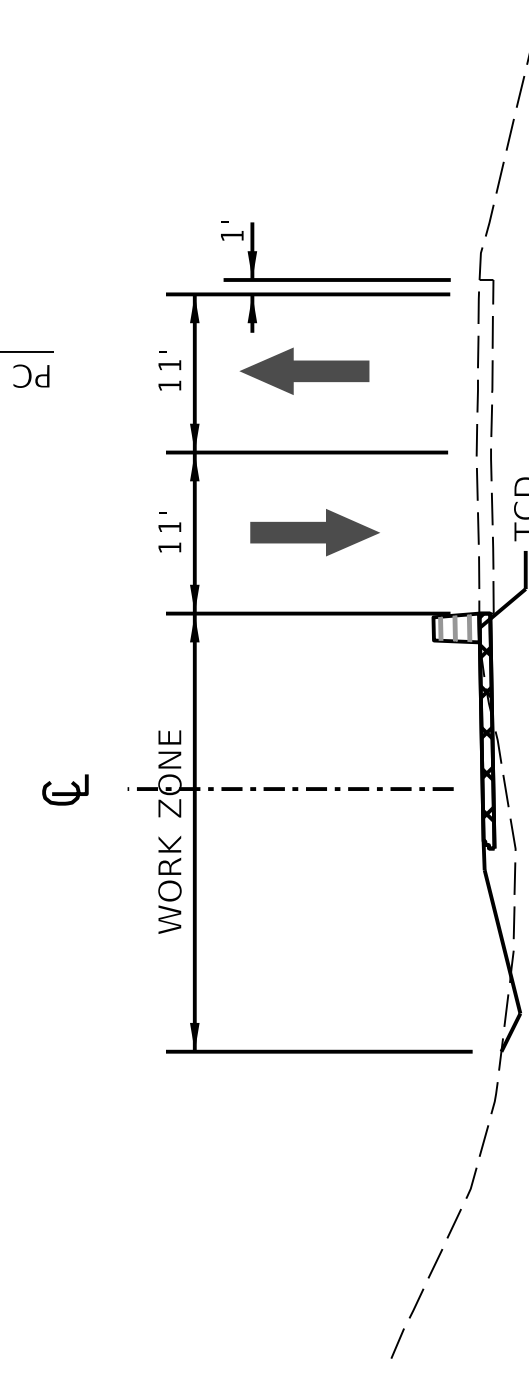




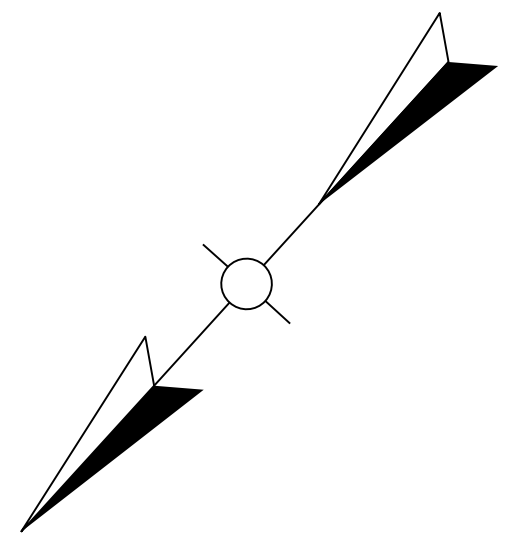
-  CONSTRUCTION THIS PHASE
-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  PARTIAL DEPTH ULTIMATE CONSTRUCTION THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE


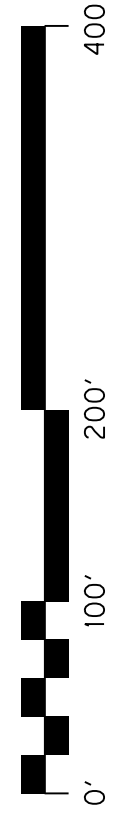


SECTION A-A
FOR PAVEMENT WIDENING DURING HOURS
WHEN LANE CLOSURE PERMITTED (SEE SHEET R51)

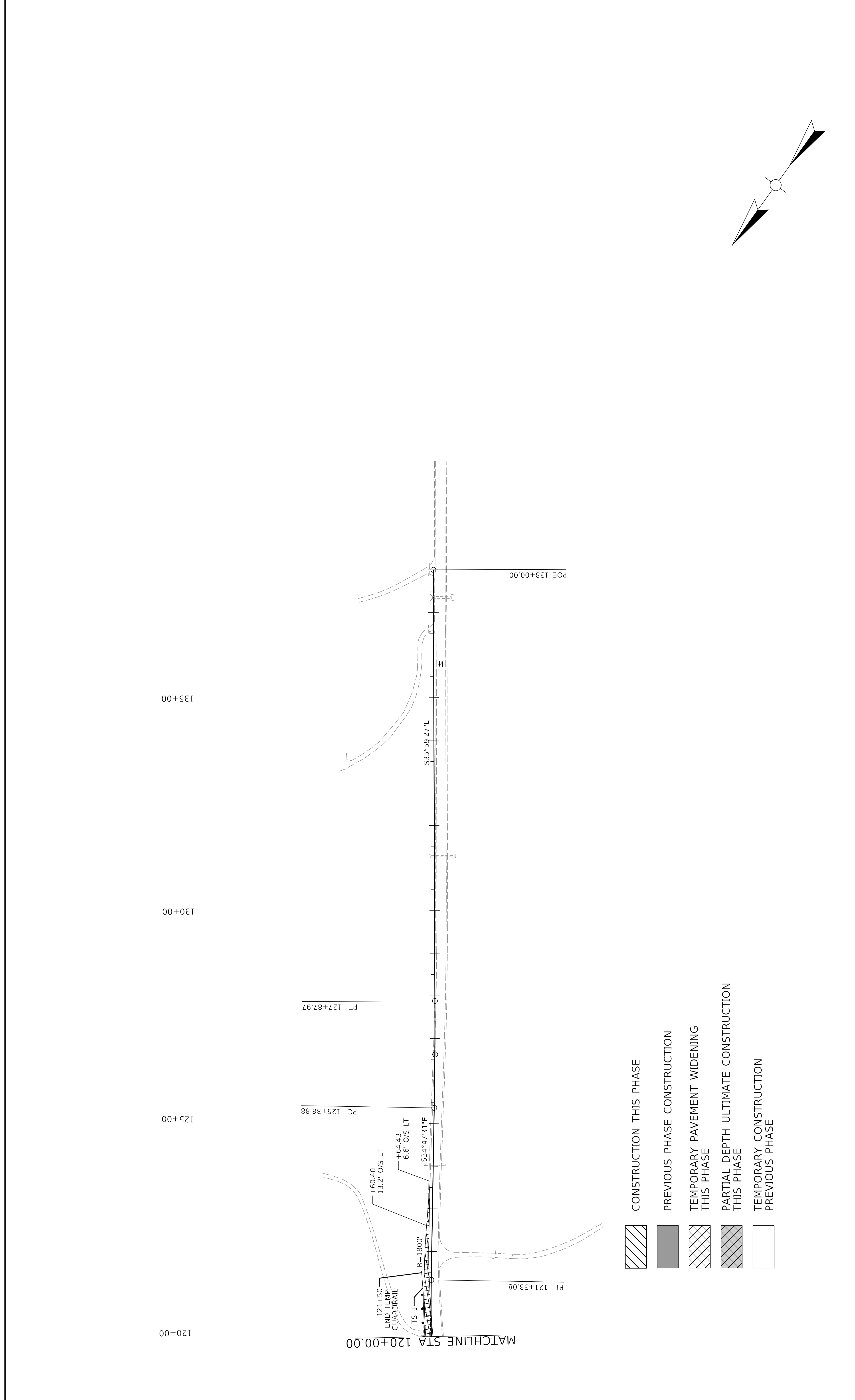


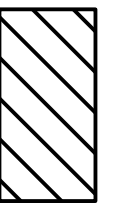
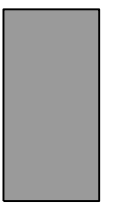
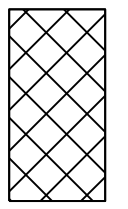
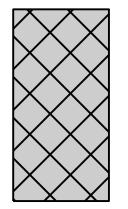
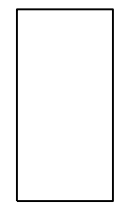
SECTION A-A
MAINTAIN TWO LANES DURING HOURS NOTED ON SHEET R51

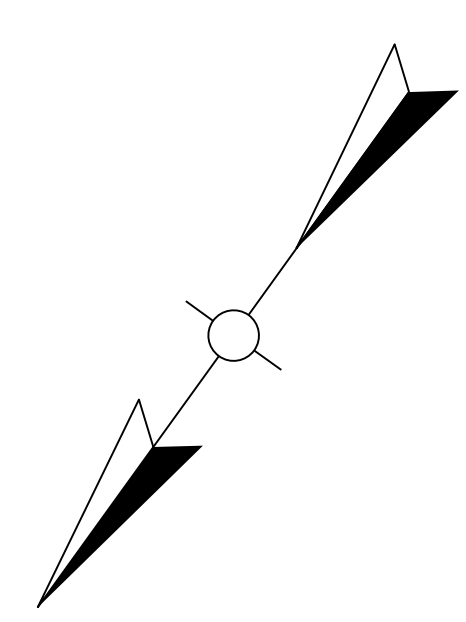




 COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS	US 150 DRAWING TITLE: MAINTENANCE OF TRAFFIC SHEETS PHASE 1A	HORIZONTAL SCALE SCALE: 1" = 100' 	STA. 90+00 TO STA. 120+00 ITEM NO. 04-396.20 COUNTY OF Washington SHEET NO. R56
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 DATE PLOTTED: 9/7/2005 7:08:02 PM
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-  CONSTRUCTION THIS PHASE
-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  PARTIAL DEPTH ULTIMATE CONSTRUCTION THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE



 COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS	US 150 DRAWING TITLE: MAINTENANCE OF TRAFFIC SHEETS PHASE 1A	HORIZONTAL SCALE SCALE: 1" = 100' 	STA. 120+00 TO STA. 138+00
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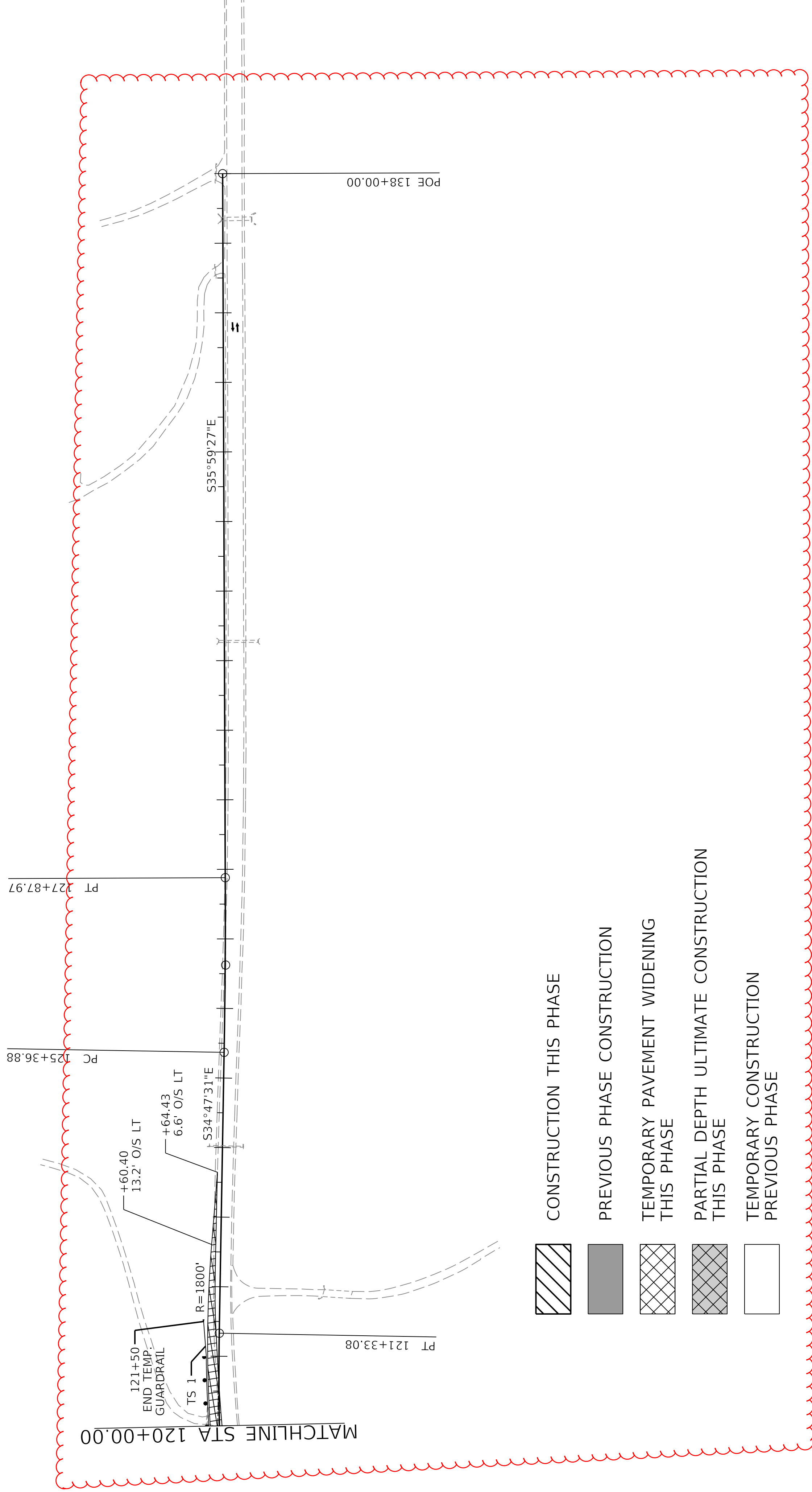
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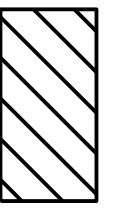
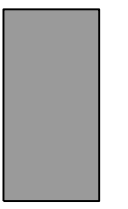
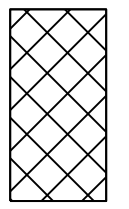
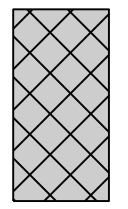
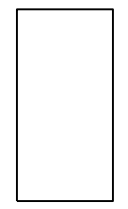
125+00

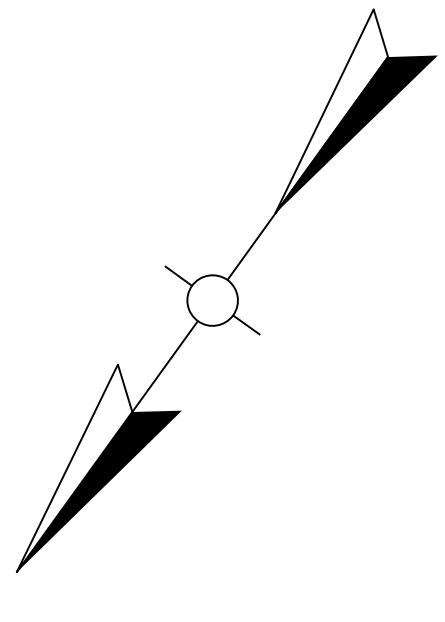
130+00

135+00

MATCHLINE STA 120+00.00



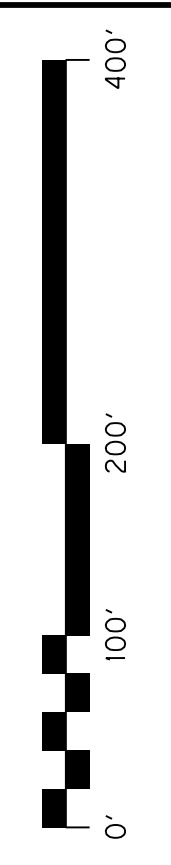
-  CONSTRUCTION THIS PHASE
-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  PARTIAL DEPTH ULTIMATE CONSTRUCTION THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE



COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS

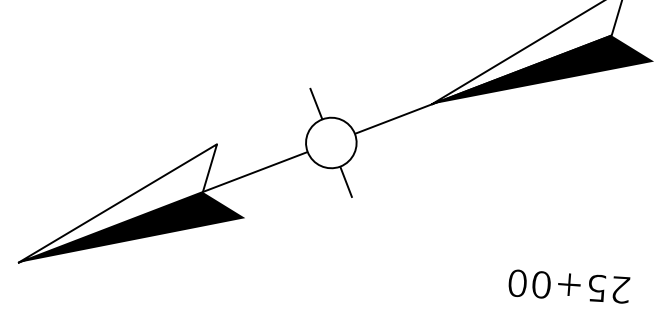
US 150
DRAWING TITLE: MAINTENANCE OF TRAFFIC SHEETS
PHASE 1A

HORIZONTAL SCALE
 SCALE: 1" = 100'



STA. 120+00 TO STA. 138+00

ITEM NO. 04-396.20 COUNTY OF Washington
 SHEET NO. R57



2+00

5+00

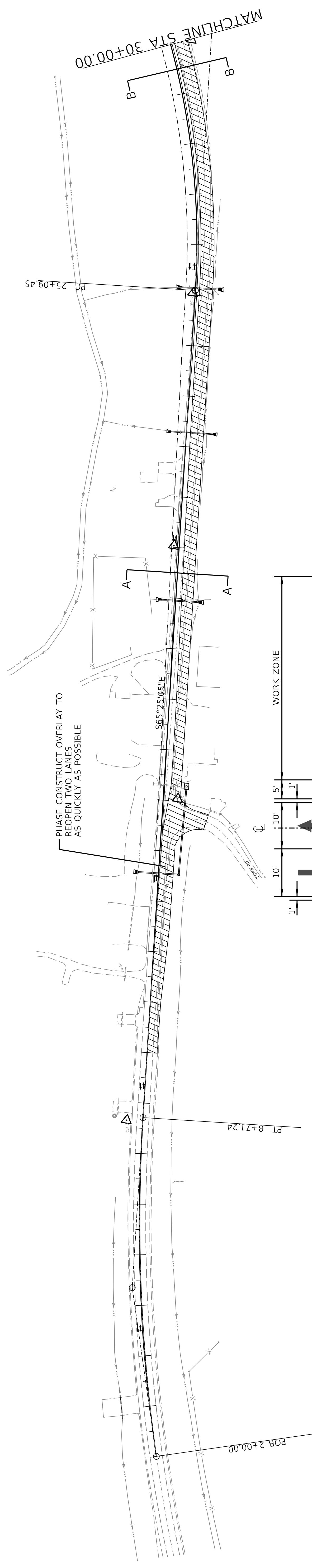
10+00

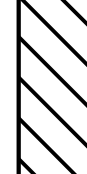




15+00

20+00

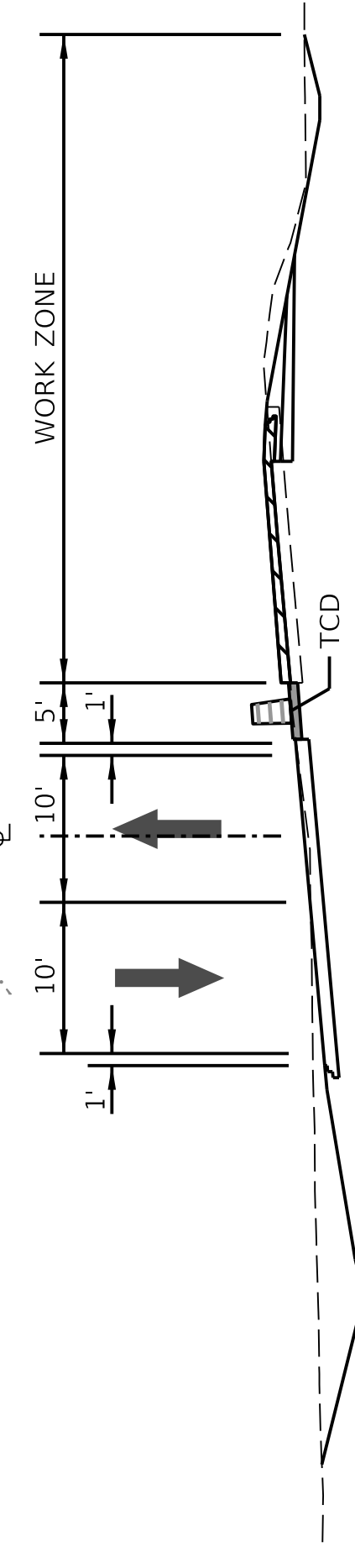
25+00

30+00

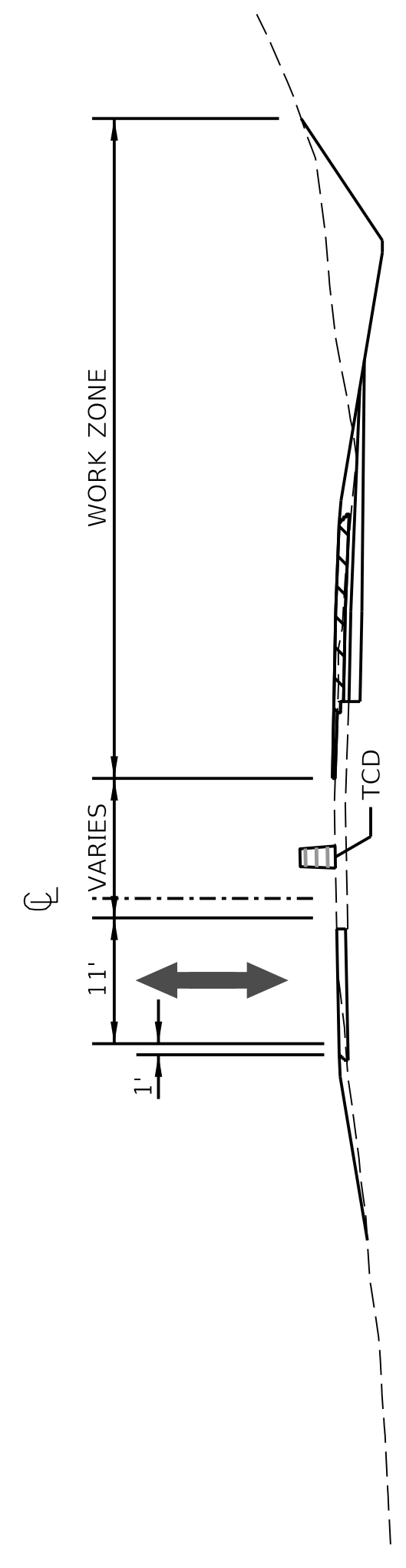


-  CONSTRUCTION THIS PHASE
-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  PARTIAL DEPTH ULTIMATE CONSTRUCTION THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE

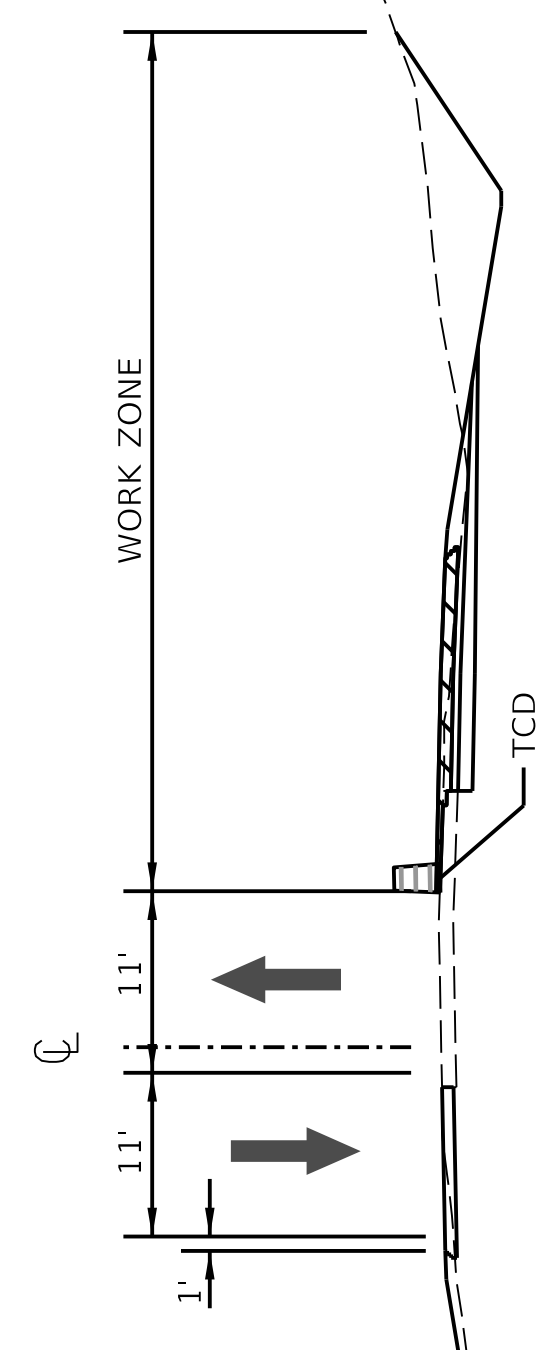
SECTION B-B



SECTION A-A



SECTION A-A



FOR PAVEMENT WIDENING DURING HOURS
WHEN LANE CLOSURE PERMITTED (SEE SHEET R51)

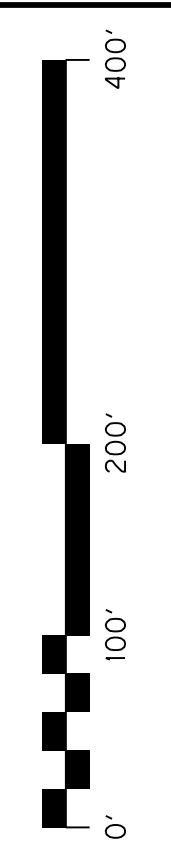
MAINTAIN TWO LANES DURING HOURS NOTED ON SHEET R51



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

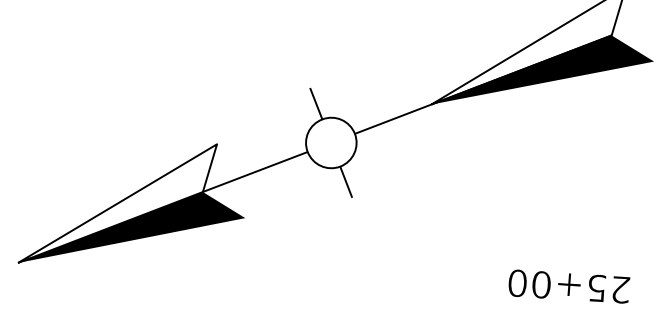
US 150
DRAWING TITLE: MAINTENANCE OF TRAFFIC SHEET
PHASE 1B

HORIZONTAL SCALE
SCALE: 1" = 100'



STA. 2+00 TO STA. 30+00

ITEM NO. 04-396.20 COUNTY OF Washington
SHEET NO. R58



2+00

5+00

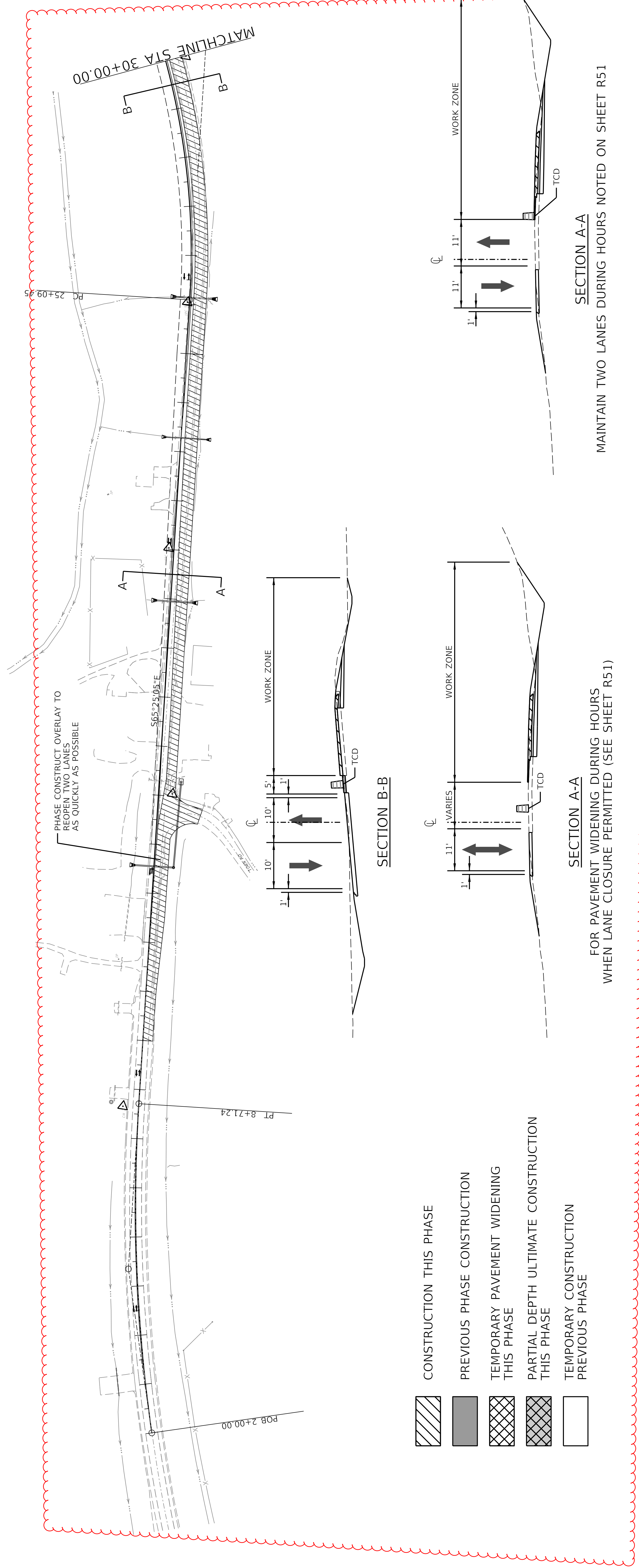
10+00






15+00

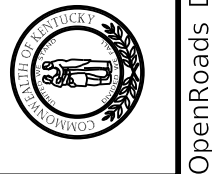
20+00

25+00

30+00



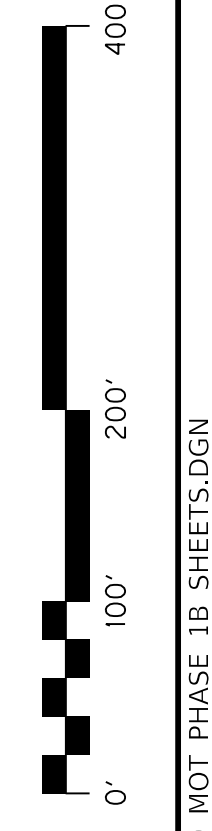
-  CONSTRUCTION THIS PHASE
-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  PARTIAL DEPTH ULTIMATE CONSTRUCTION THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

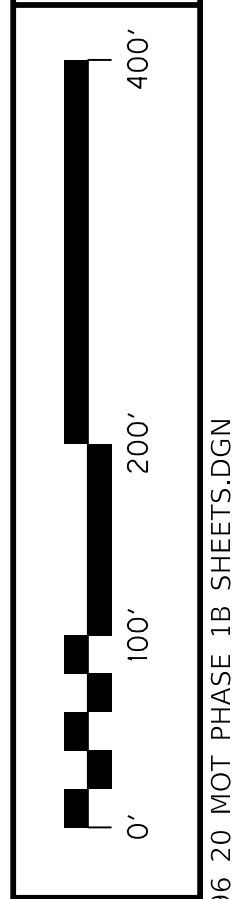
US 150
DRAWING TITLE: MAINTENANCE OF TRAFFIC SHEET
PHASE 1B

HORIZONTAL SCALE
SCALE: 1" = 100'

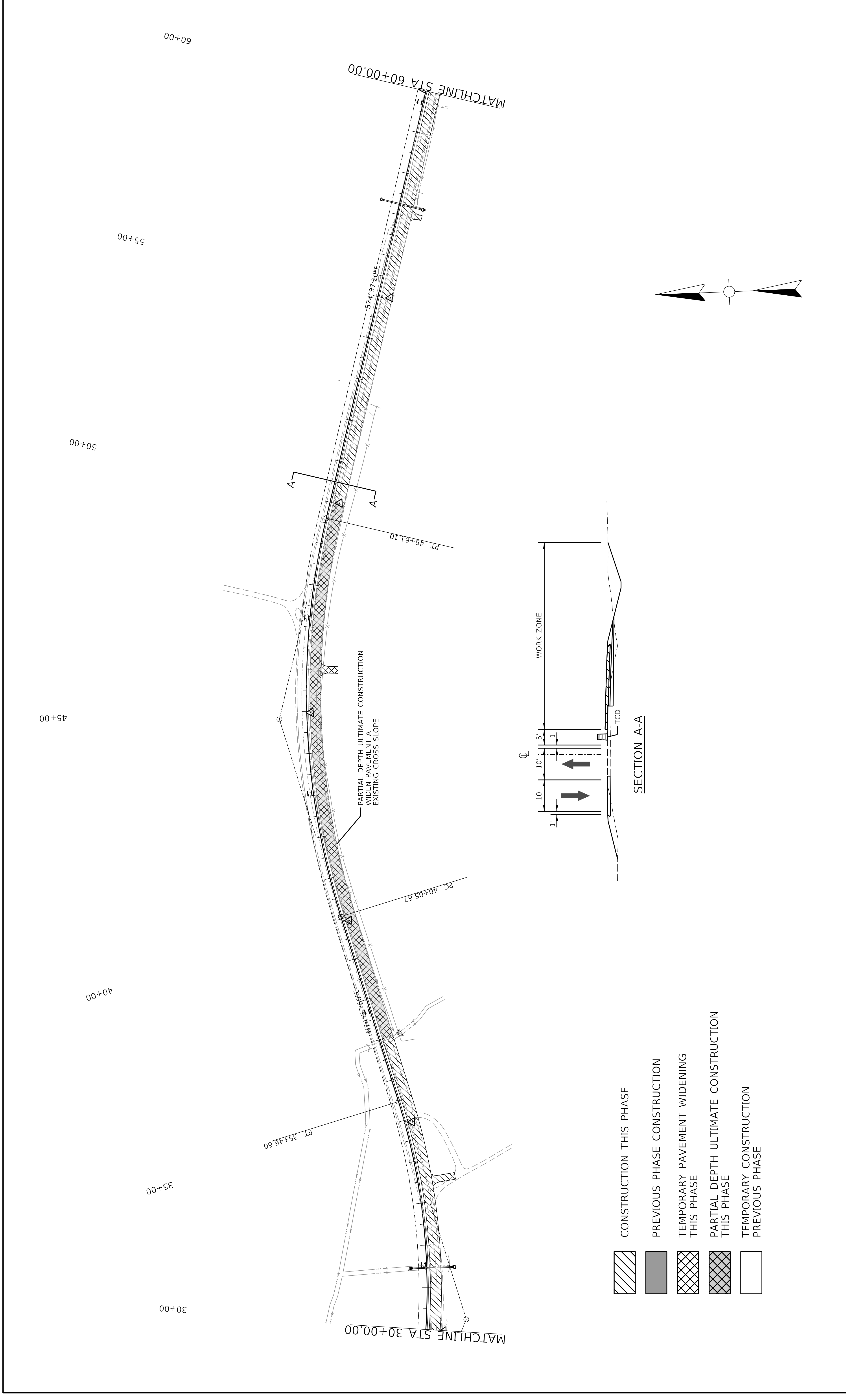


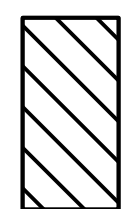
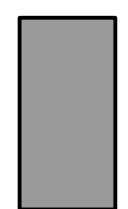
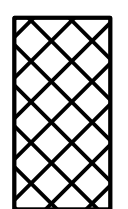
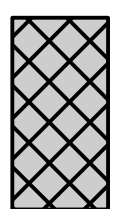
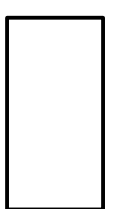
STA. 2+00 TO STA. 30+00

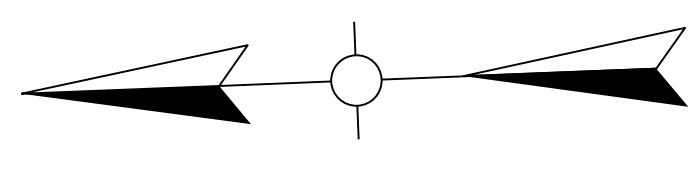
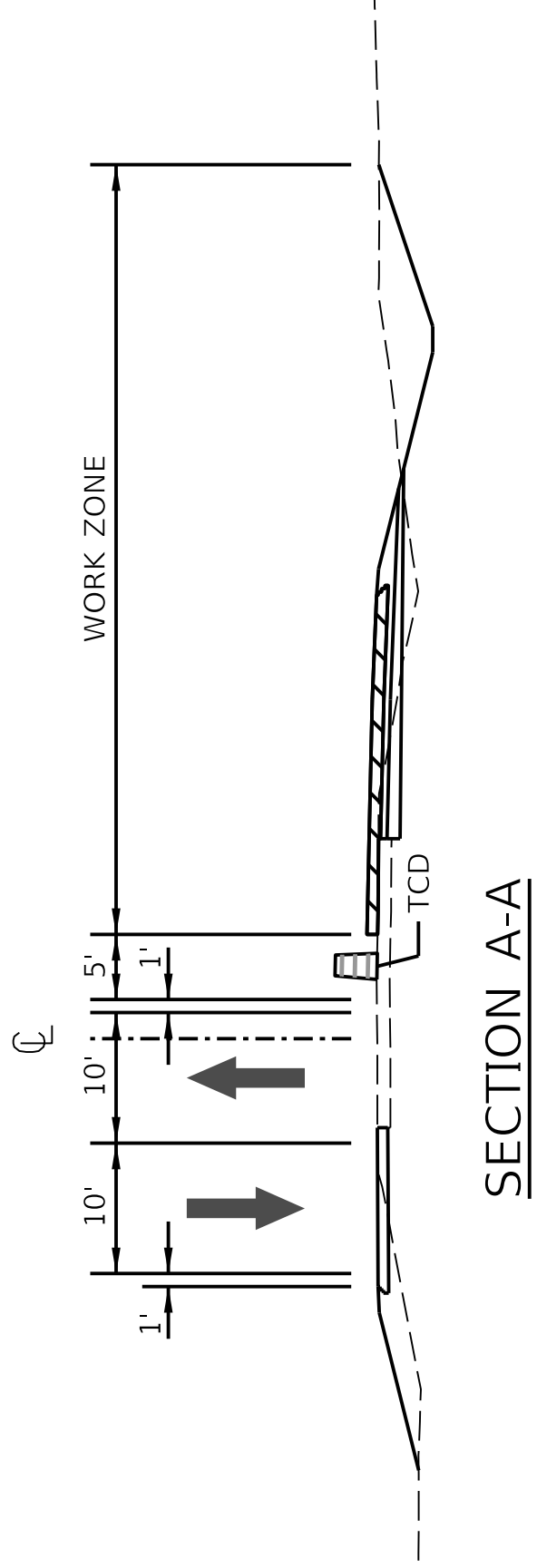
ITEM NO. 04-396.20 COUNTY OF Washington
SHEET NO. R58

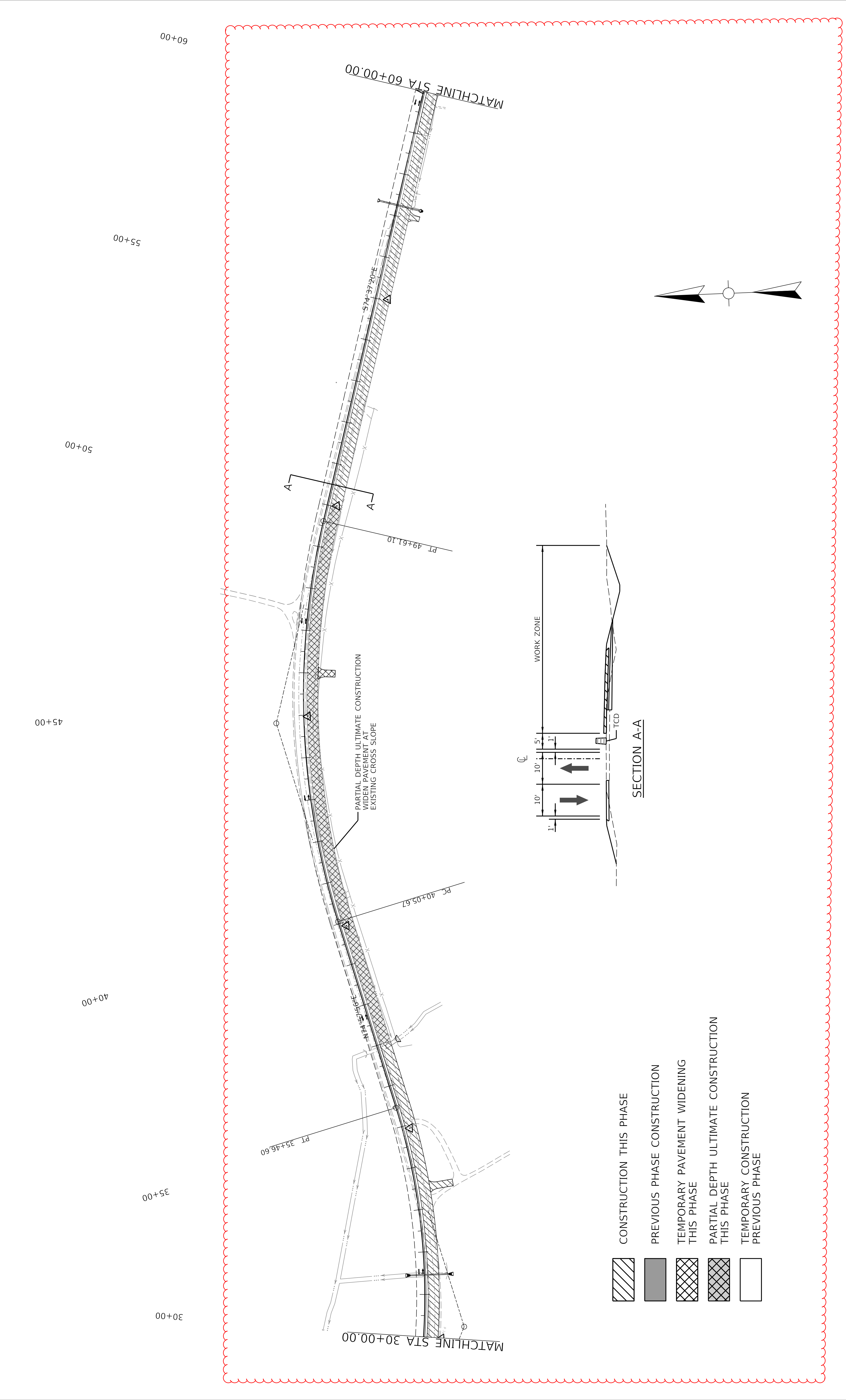


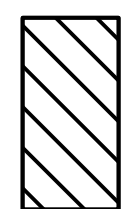
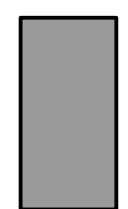
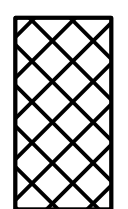
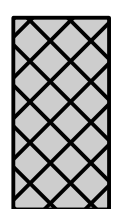
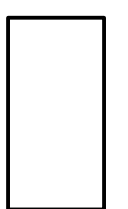
HORIZONTAL SCALE: 1" = 100'

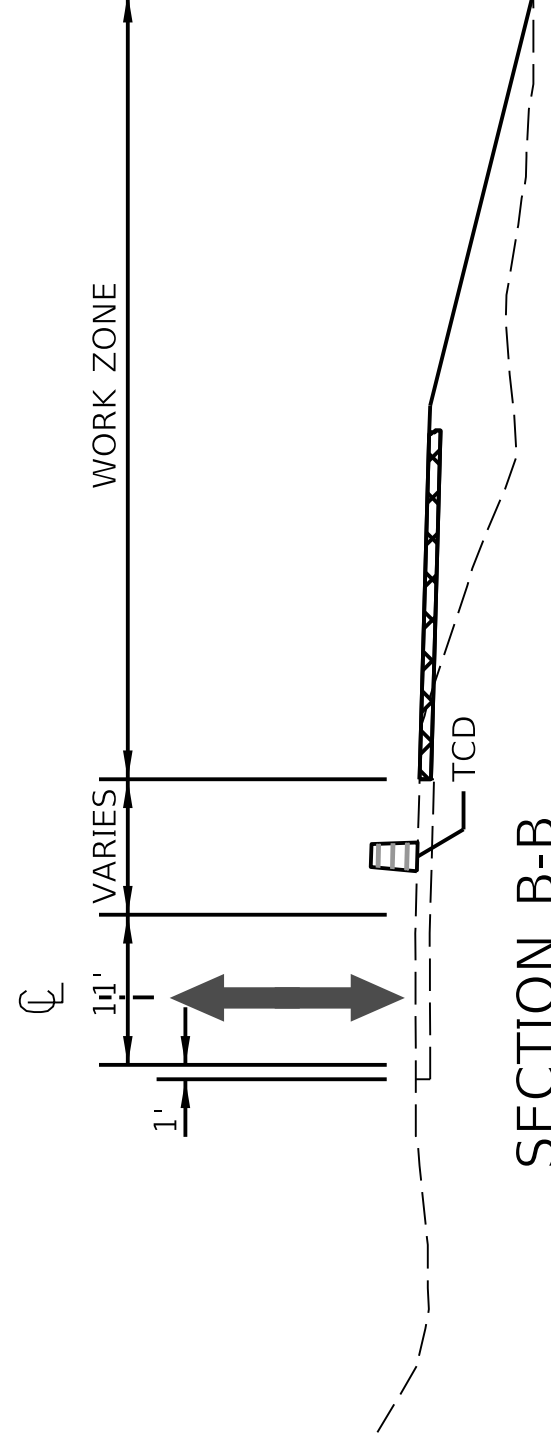


-  CONSTRUCTION THIS PHASE
-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  PARTIAL DEPTH ULTIMATE CONSTRUCTION THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE



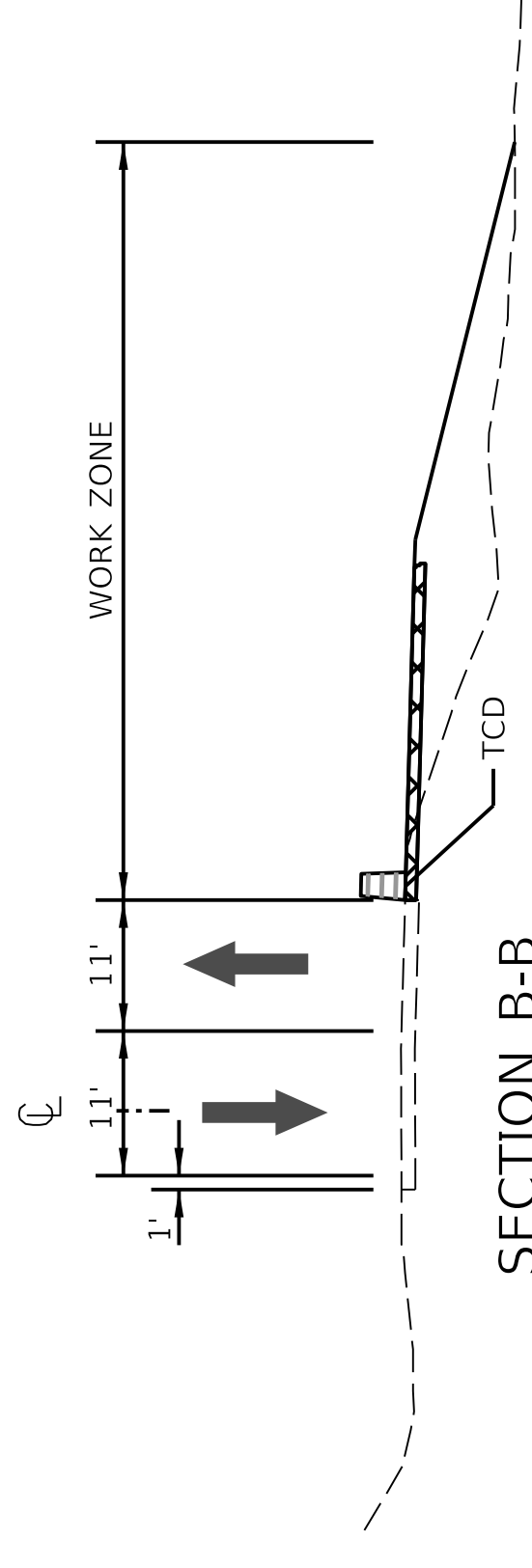


-  CONSTRUCTION THIS PHASE
-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  PARTIAL DEPTH ULTIMATE CONSTRUCTION THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE



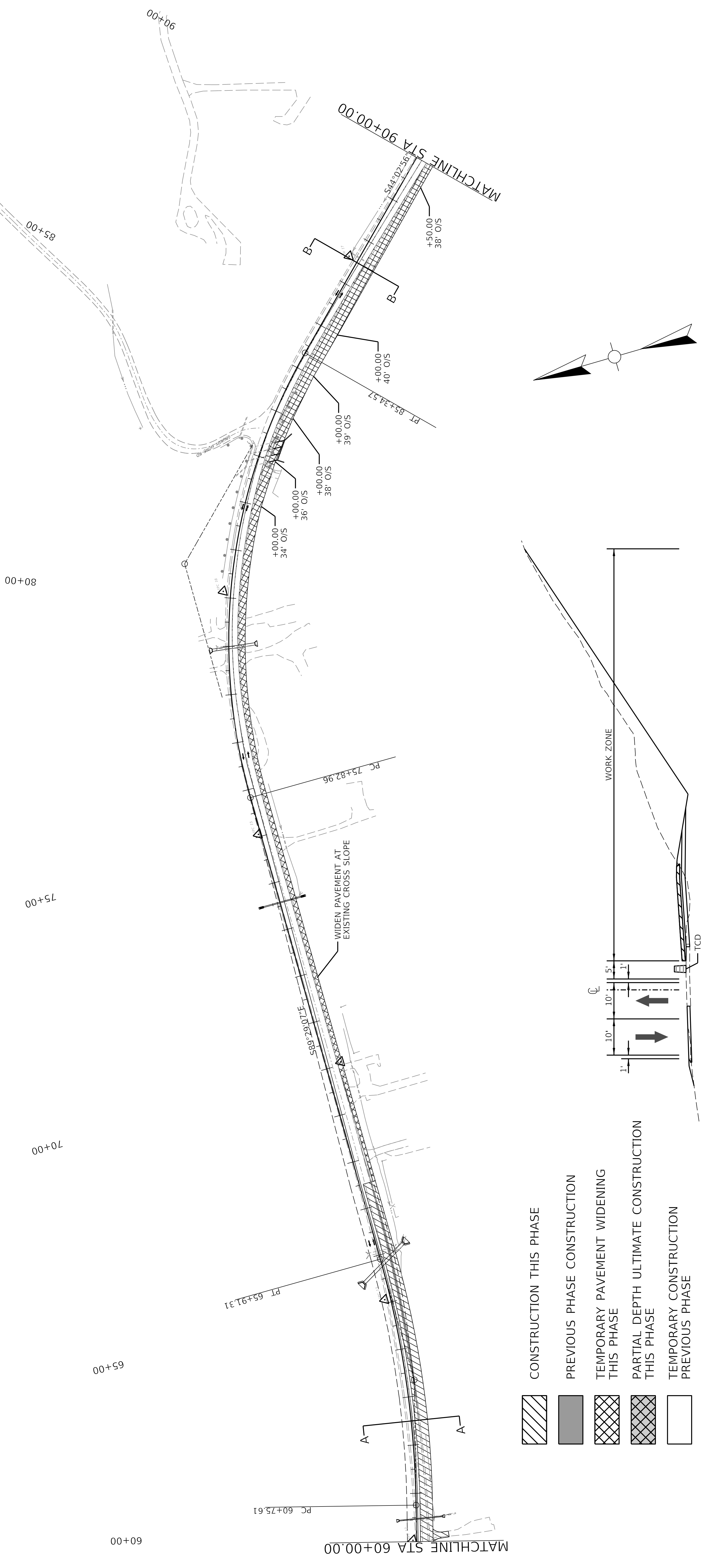
SECTION B-B




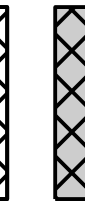

FOR PAVEMENT WIDENING DURING HOURS
WHEN LANE CLOSURE PERMITTED (SEE SHEET R5.1)



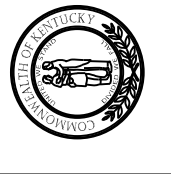
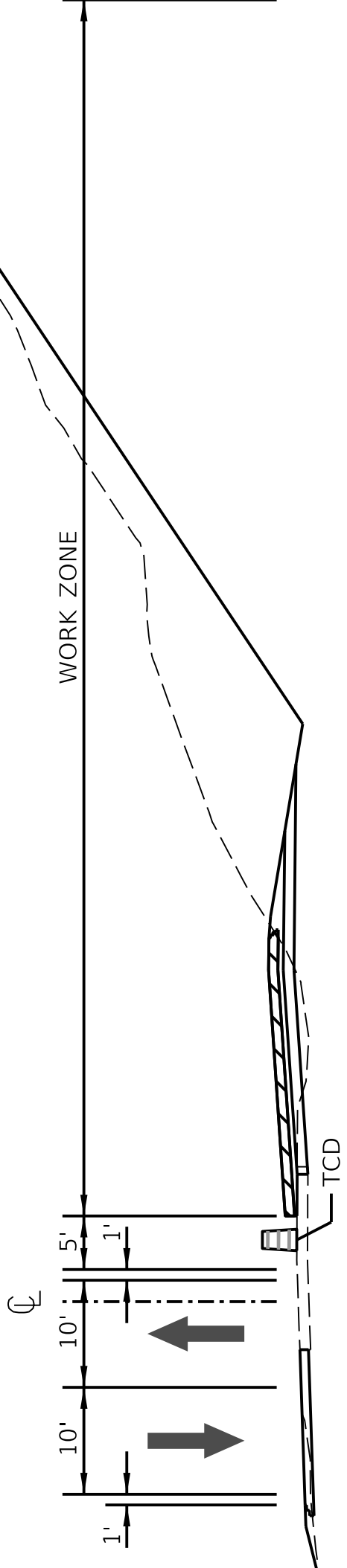
SECTION B-B

MAINTAIN TWO LANES DURING HOURS NOTED ON SHEET R5.1



-  CONSTRUCTION THIS PHASE
-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  PARTIAL DEPTH ULTIMATE CONSTRUCTION THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE

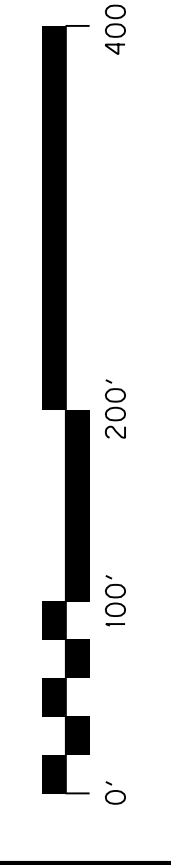
SECTION A-A



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

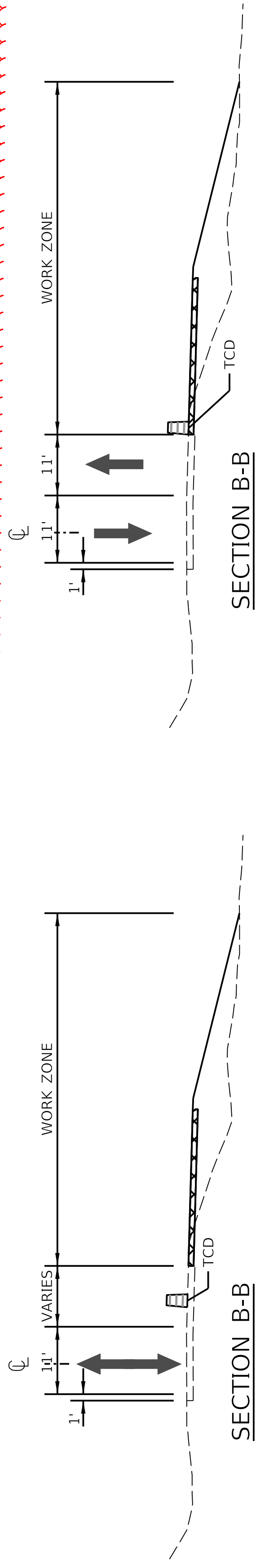
US 150
DRAWING TITLE: MAINTENANCE OF TRAFFIC SHEET
PHASE 1B

HORIZONTAL SCALE
SCALE: 1" = 100'



STA. 60+00 TO STA. 90+00

ITEM NO. 04-396.20 COUNTY OF Washington
SHEET NO. R60

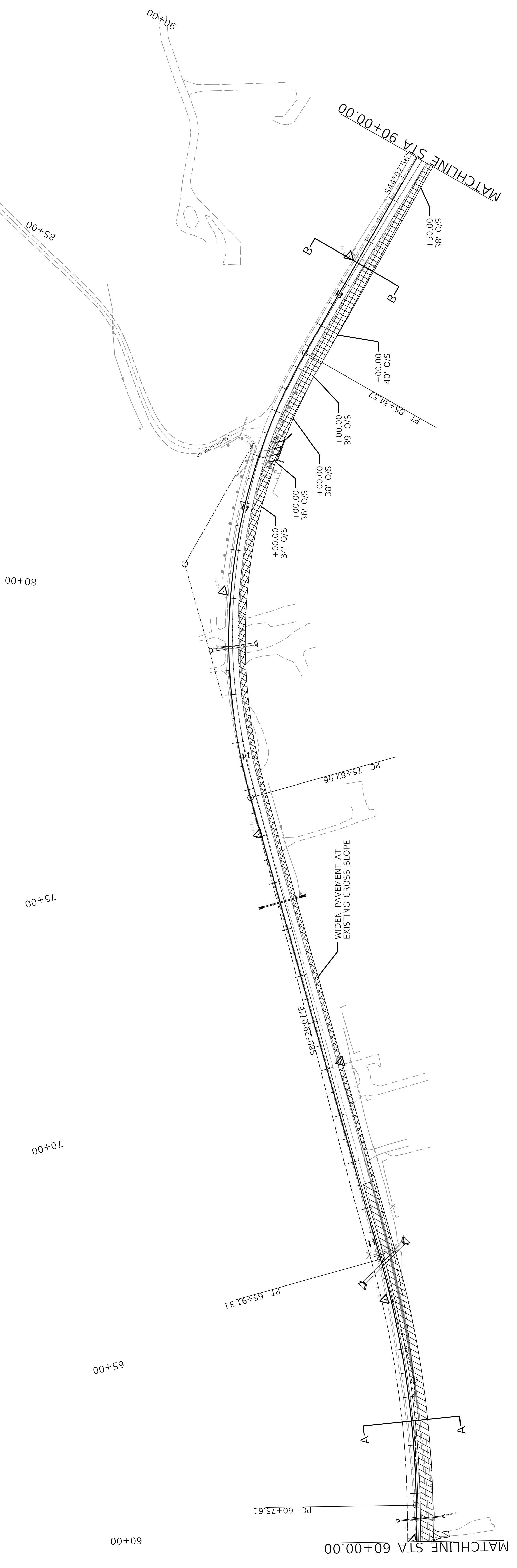





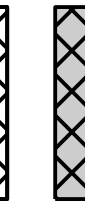

SECTION B-B

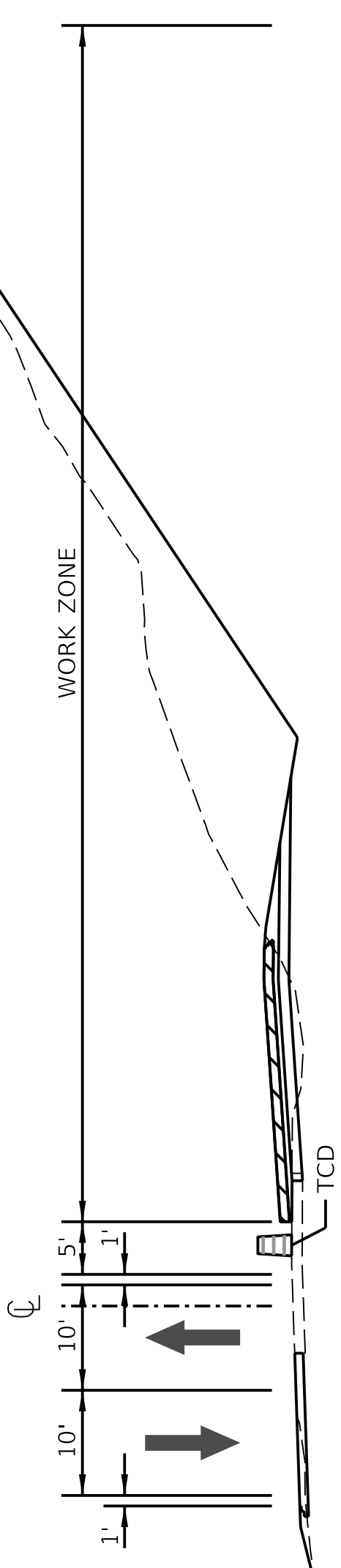
FOR PAVEMENT WIDENING DURING HOURS WHEN LANE CLOSURE PERMITTED (SEE SHEET R5.1)

SECTION B-B

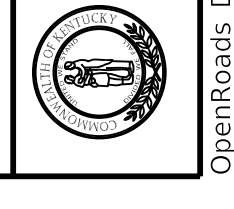
MAINTAIN TWO LANES DURING HOURS NOTED ON SHEET R5.1



-  CONSTRUCTION THIS PHASE
-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  PARTIAL DEPTH ULTIMATE CONSTRUCTION THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE



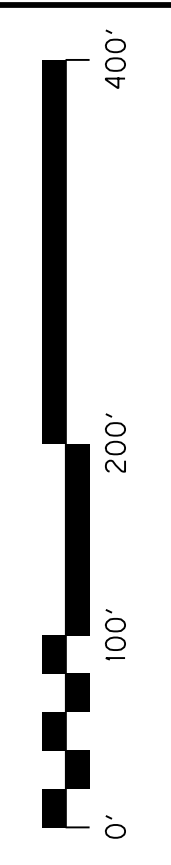
SECTION A-A



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

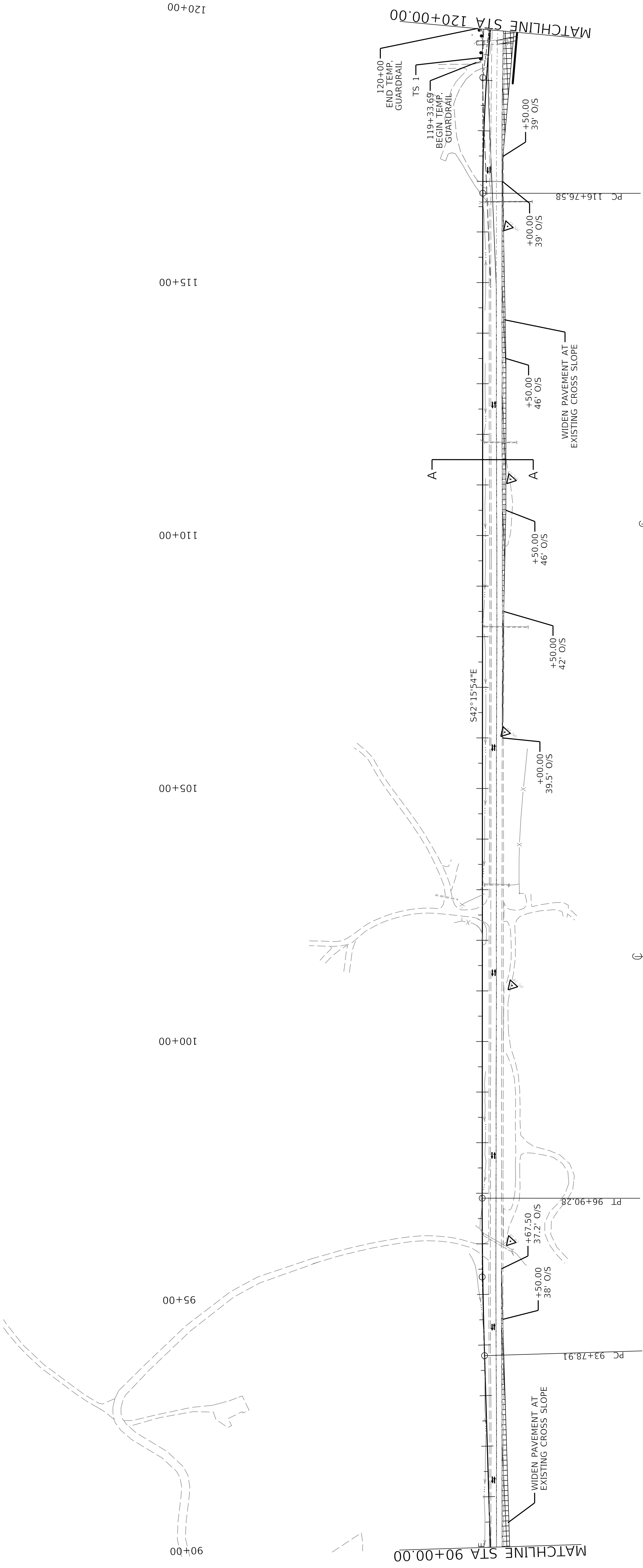
US 150
DRAWING TITLE: MAINTENANCE OF TRAFFIC SHEET
PHASE 1B

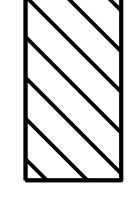
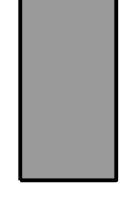
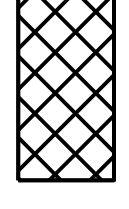
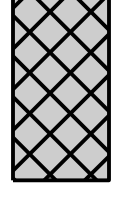
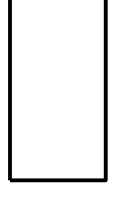
HORIZONTAL SCALE
SCALE: 1" = 100'



STA. 60+00 TO STA. 90+00

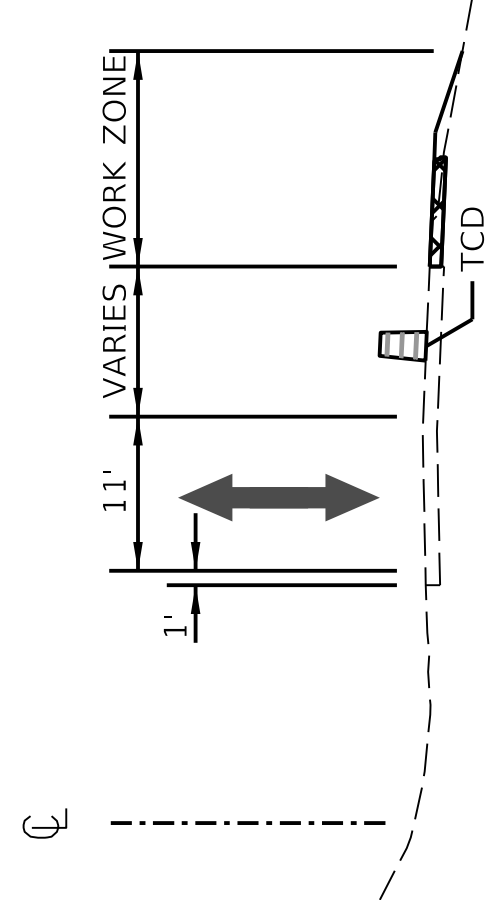
ITEM NO. 04-396.20 COUNTY OF Washington
SHEET NO. R60



-  CONSTRUCTION THIS PHASE
-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  PARTIAL DEPTH ULTIMATE CONSTRUCTION THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE

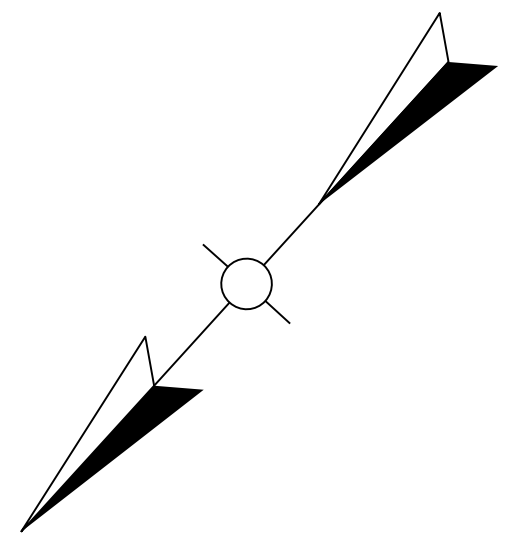
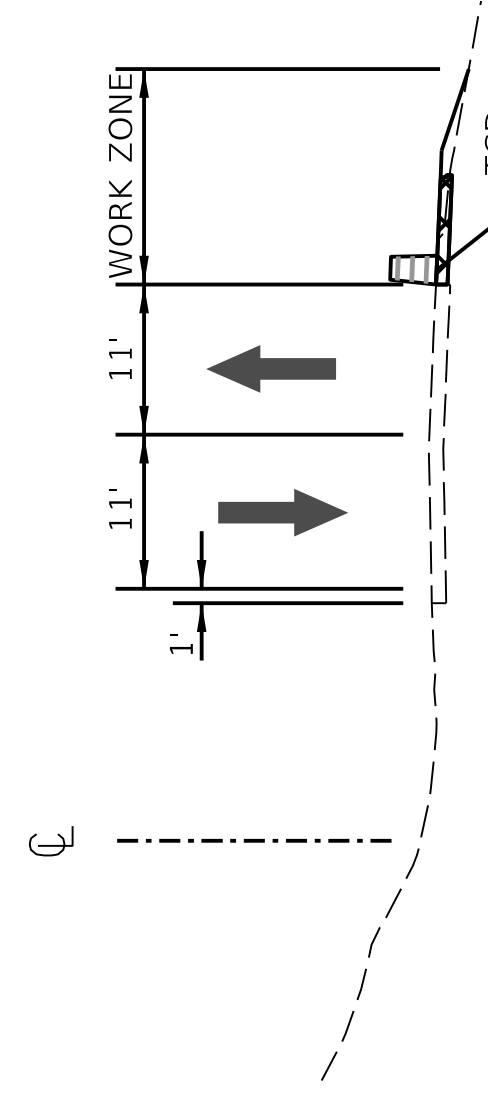
SECTION A-A

FOR PAVEMENT WIDENING DURING HOURS
WHEN LANE CLOSURE PERMITTED (SEE SHEET R51)

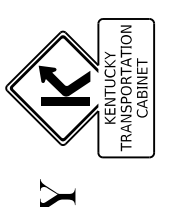


SECTION A-A

MAINTAIN TWO LANES DURING HOURS NOTED ON SHEET R51

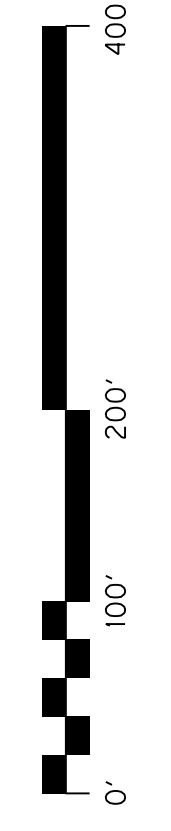


COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS



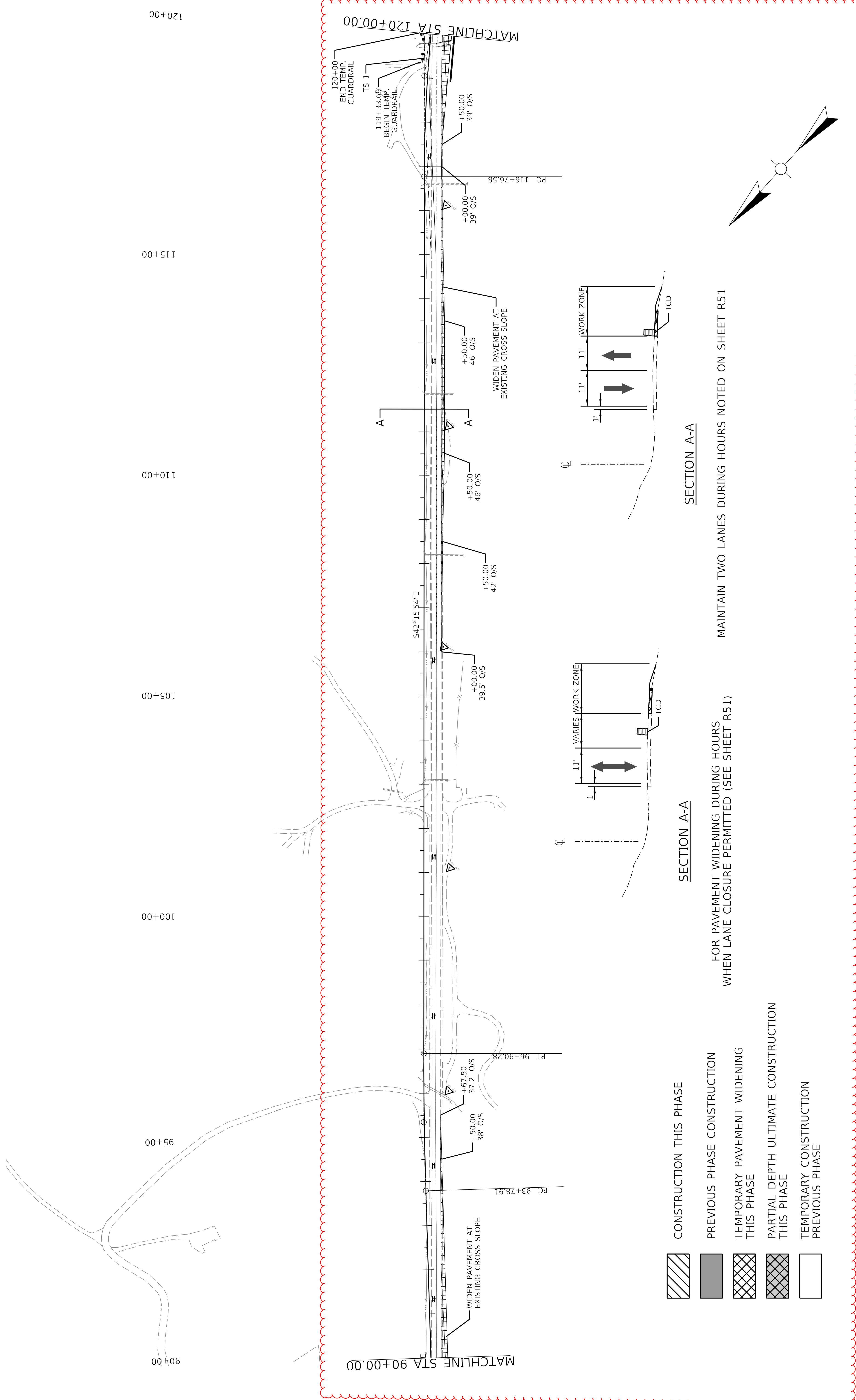
US 150
DRAWING TITLE: MAINTENANCE OF TRAFFIC SHEET
PHASE 1B

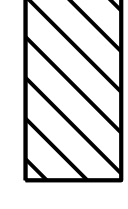
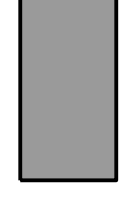
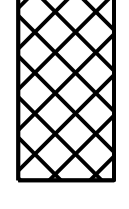
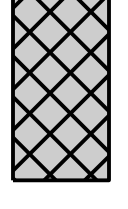
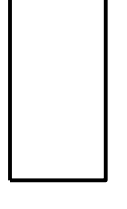
HORIZONTAL SCALE
SCALE: 1" = 100'



STA: 90+00 TO STA: 120+00

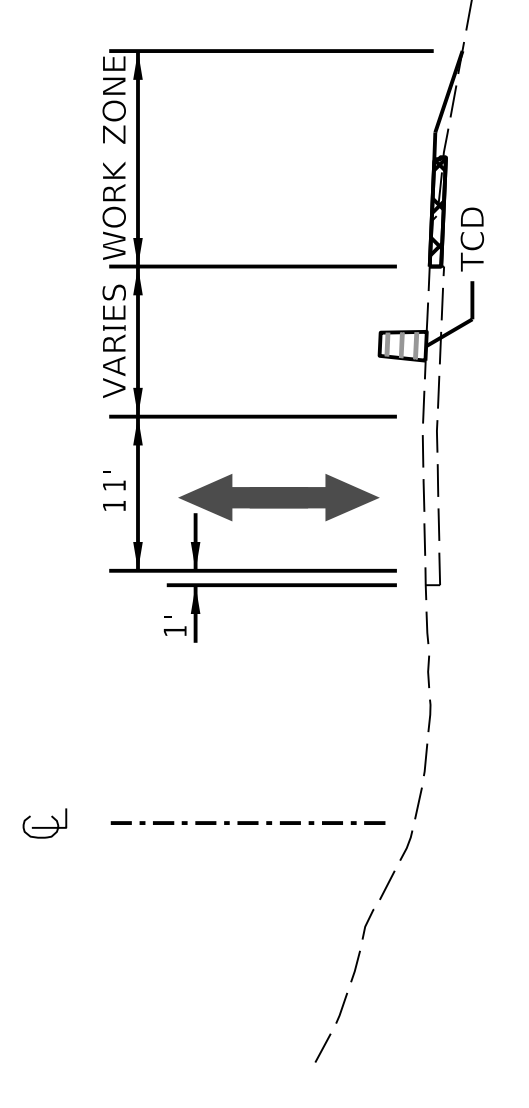
ITEM NO. 04-396.20 COUNTY OF Washington
SHEET NO. R61



-  CONSTRUCTION THIS PHASE
-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  PARTIAL DEPTH ULTIMATE CONSTRUCTION THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE

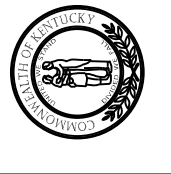
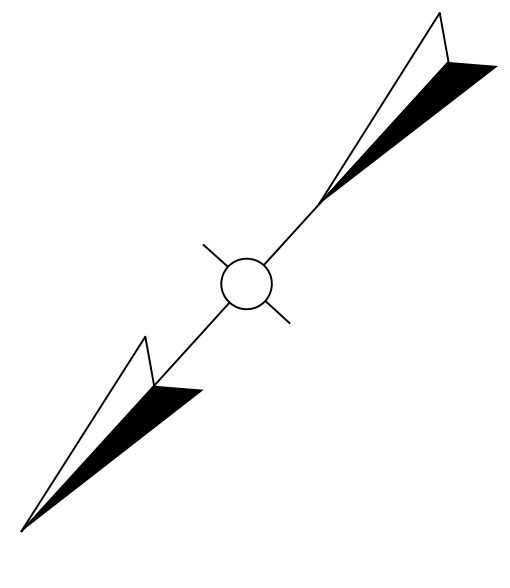
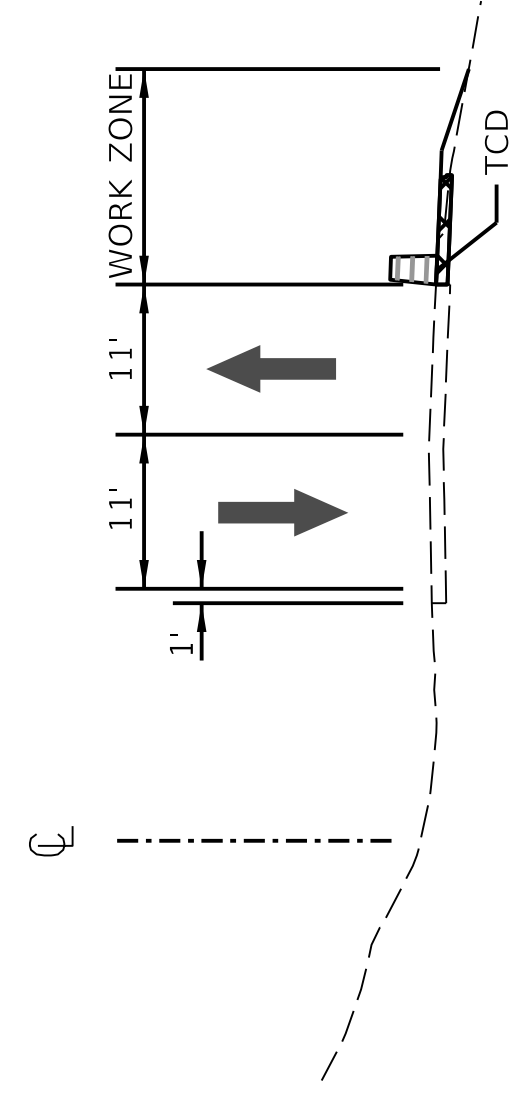
SECTION A-A

FOR PAVEMENT WIDENING DURING HOURS
WHEN LANE CLOSURE PERMITTED (SEE SHEET R51)



SECTION A-A

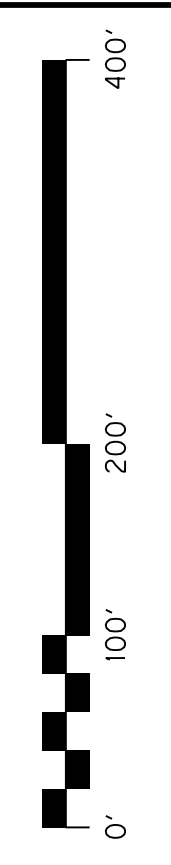
MAINTAIN TWO LANES DURING HOURS NOTED ON SHEET R51



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

US 150
DRAWING TITLE: MAINTENANCE OF TRAFFIC SHEET
PHASE 1B

HORIZONTAL SCALE: 1" = 100'
SCALE: 1" = 100'



STA: 90+00 TO STA: 120+00

ITEM NO. 04-396.20 COUNTY OF Washington
SHEET NO. R61

120+00

125+00

130+00

135+00

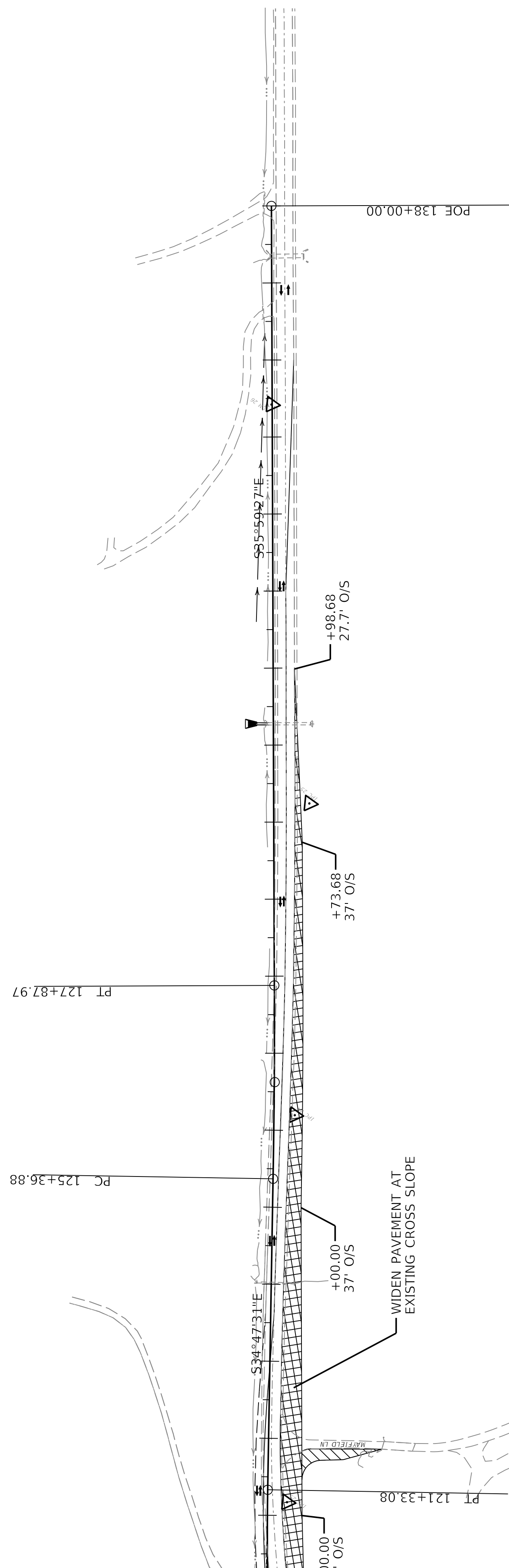
MATCHLINE STA 120+00.00

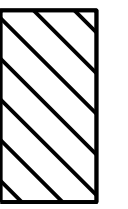
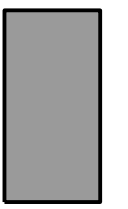
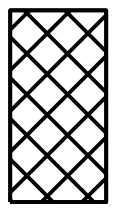
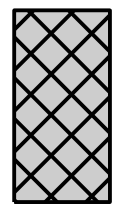
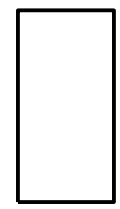
PT 121+33.08

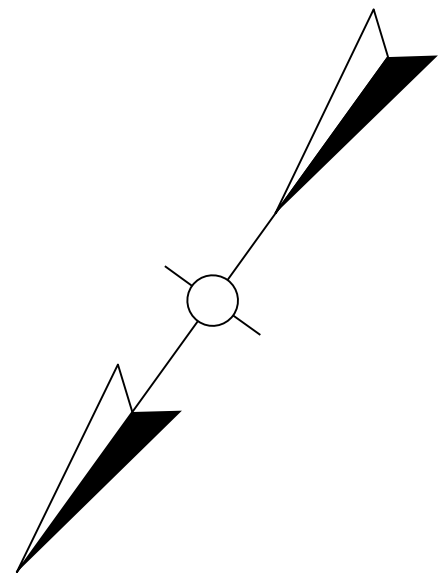
PC 125+36.88

PT 127+87.97

POE 138+00.00



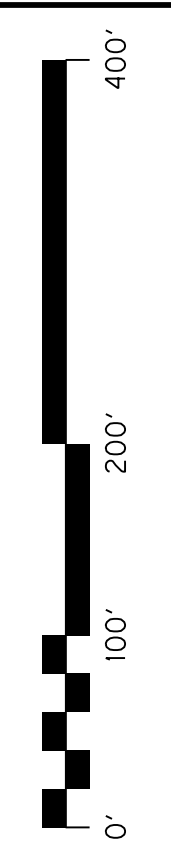
-  CONSTRUCTION THIS PHASE
-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  PARTIAL DEPTH ULTIMATE CONSTRUCTION THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

US 150
DRAWING TITLE: MAINTENANCE OF TRAFFIC SHEET
PHASE 1B

HORIZONTAL SCALE
SCALE: 1" = 100'



STA. 120+00 TO STA. 138+00

ITEM NO. 04-396.20 COUNTY OF Washington
SHEET NO. R62

120+00

125+00

130+00

135+00

MATCHLINE STA 120+00.00

+00.00 45° O/S

PT 121+33.08

WIDEN PAVEMENT AT EXISTING CROSS SLOPE

+00.00 37° O/S

S34°47'31"E

P 125+36.88

WIDEN PAVEMENT AT EXISTING CROSS SLOPE

+00.00 37° O/S

PT 127+87.97

+73.68 37° O/S

+98.68 27.7° O/S

S85°59'27"E

POE 138+00.00

PT 138+00.00

PT 138+00.00

PT 138+00.00

PT 138+00.00

PT 138+00.00

PT 138+00.00

PT 138+00.00

PT 138+00.00

PT 138+00.00

PT 138+00.00

PT 138+00.00

PT 138+00.00

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PT 138+00.00

PT 138+00.00

PT 138+00.00

PT 138+00.00

PT 138+00.00

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PT 138+00.00

PT 138+00.00

PT 138+00.00

PT 138+00.00

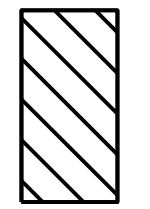
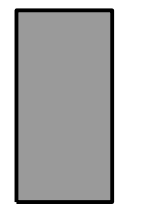
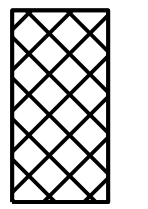
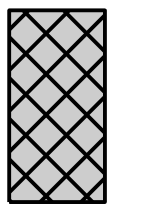
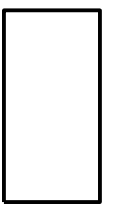
PT 138+00.00

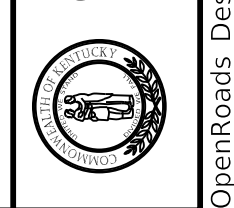
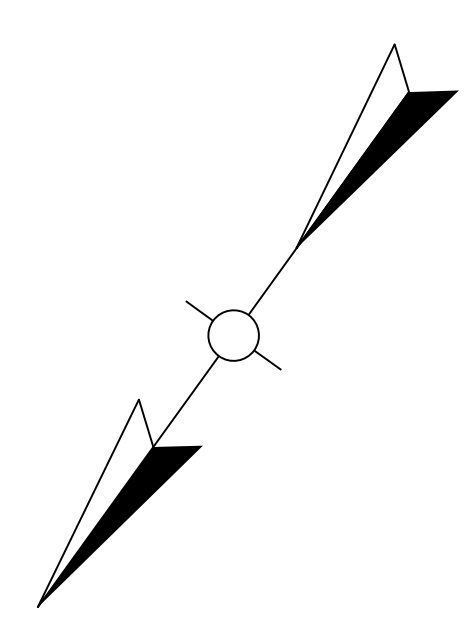
PT 138+00.00

PT 138+00.00

PT 138+00.00

PT 138+00.00

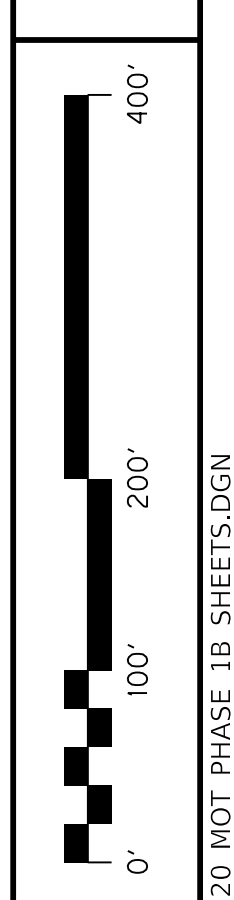
-  CONSTRUCTION THIS PHASE
-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  PARTIAL DEPTH ULTIMATE CONSTRUCTION THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

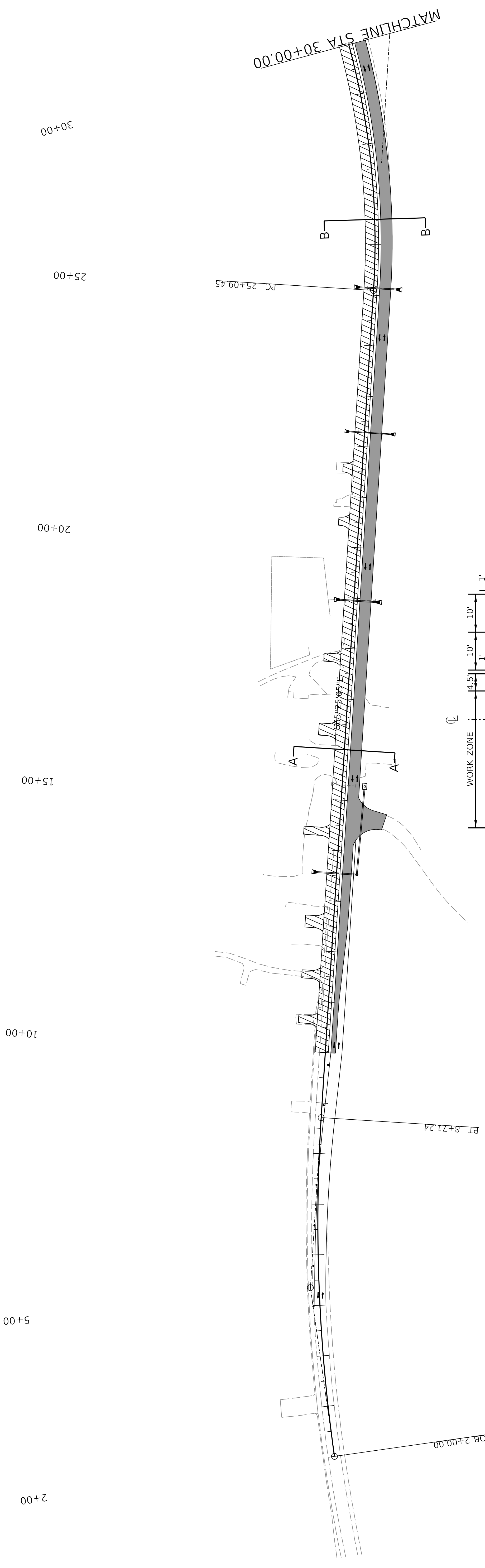
US 150
DRAWING TITLE: MAINTENANCE OF TRAFFIC SHEET
PHASE 1B


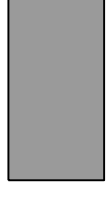
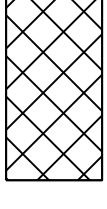
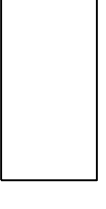
HORIZONTAL SCALE
SCALE: 1" = 100'



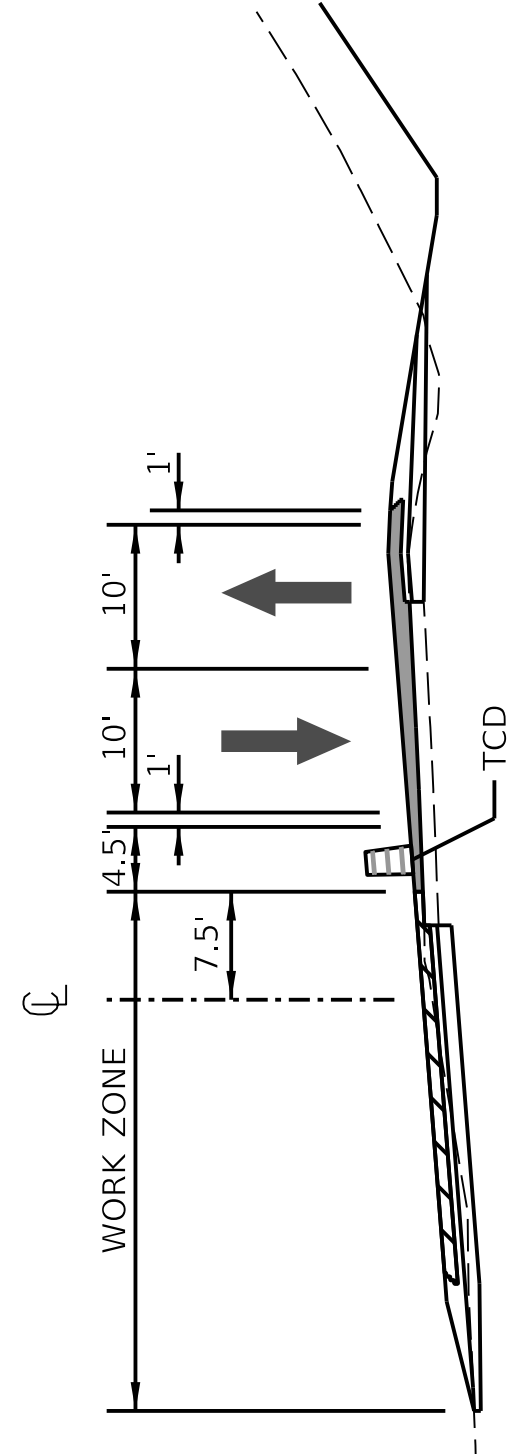
STA. 120+00 TO STA. 138+00

ITEM NO. 04-396.20 COUNTY OF Washington
SHEET NO. R62

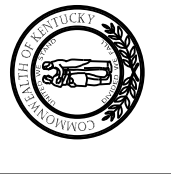
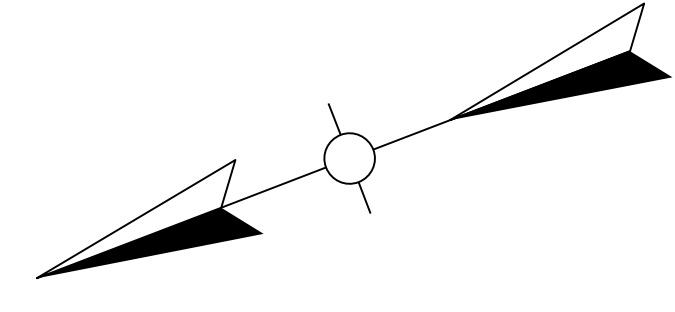
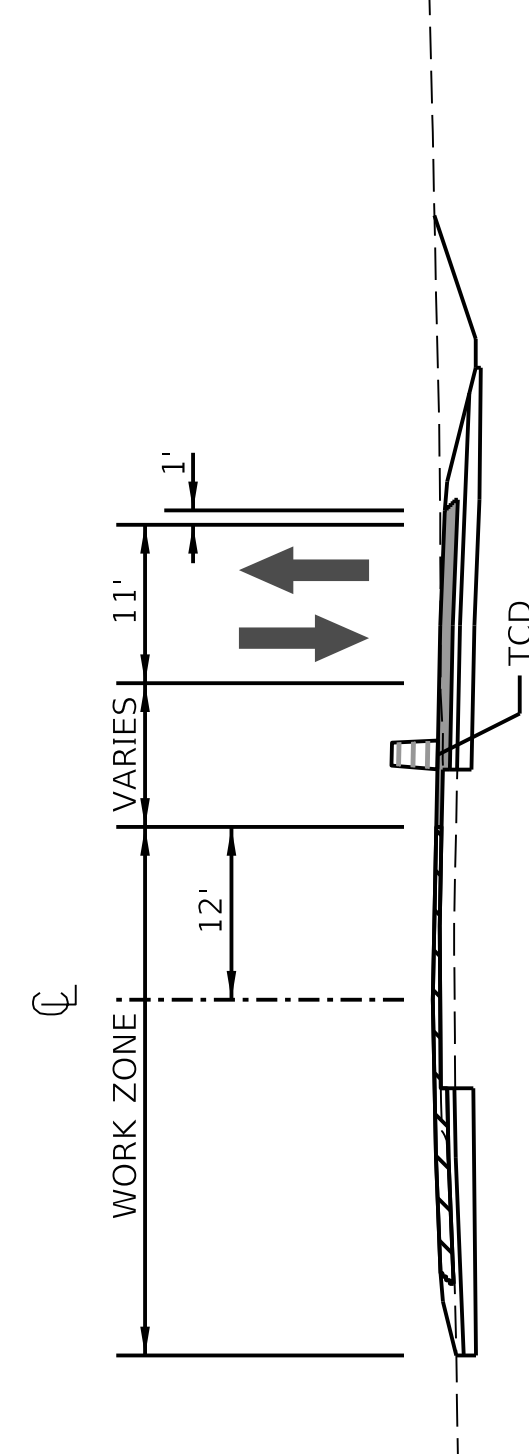


-  CONSTRUCTION THIS PHASE
-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE

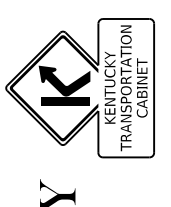
SECTION B-B



SECTION A-A

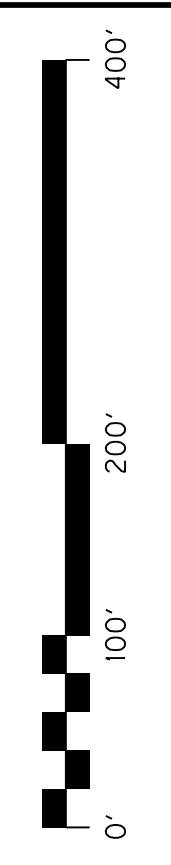


COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS



US 150
DRAWING TITLE: MAINTENANCE OF TRAFFIC SHEET
PHASE 2

HORIZONTAL SCALE
SCALE: 1" = 100'



STA. 2+00 TO STA. 30+00

ITEM NO. 04-396.20 COUNTY OF Washington
SHEET NO. R63

2+00

5+00

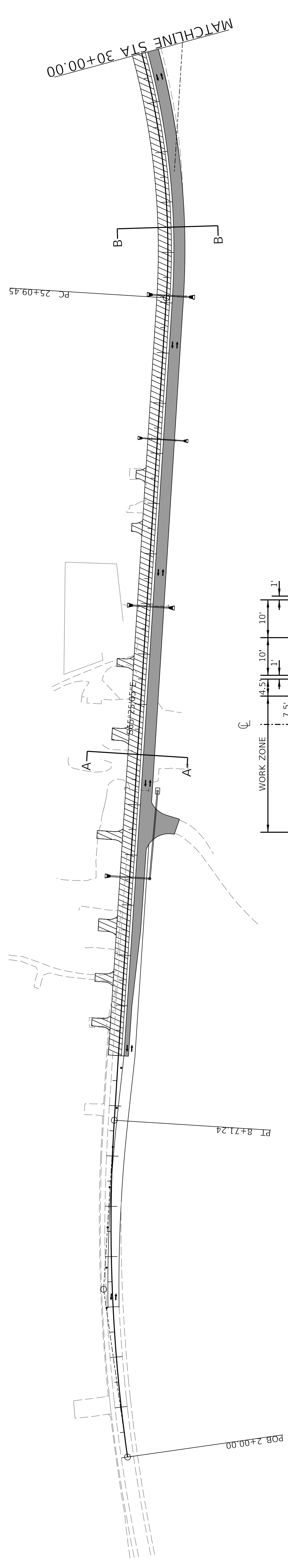
10+00

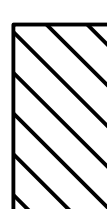
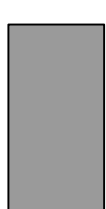
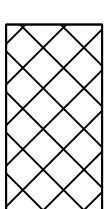
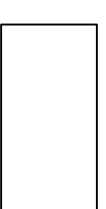
15+00

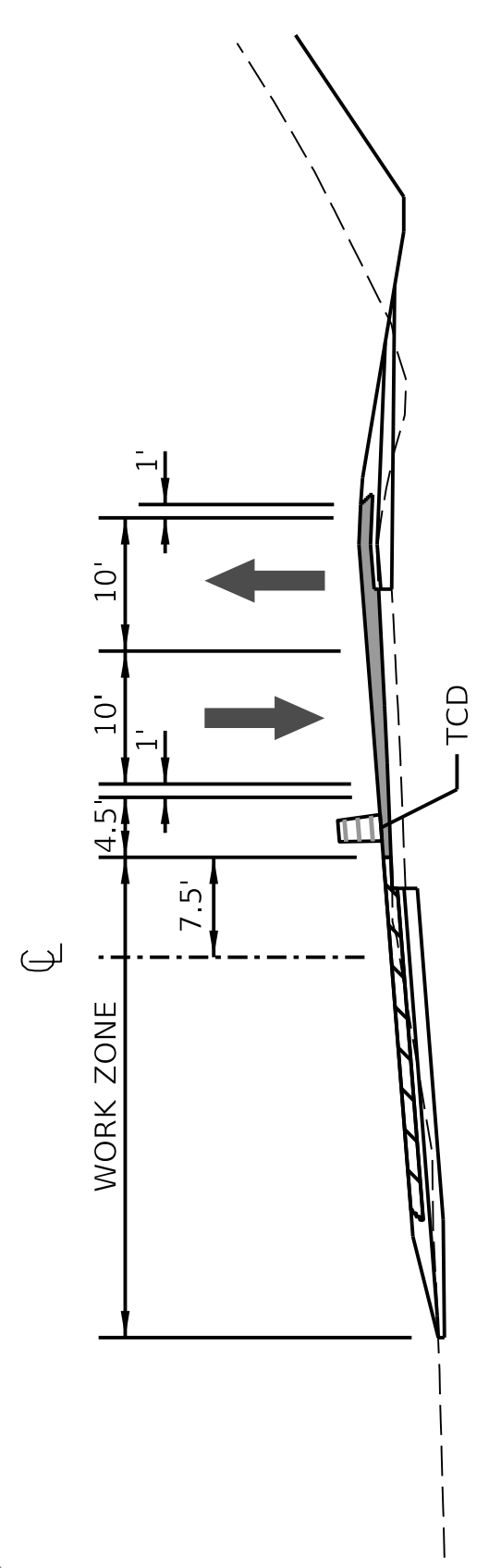
20+00

25+00

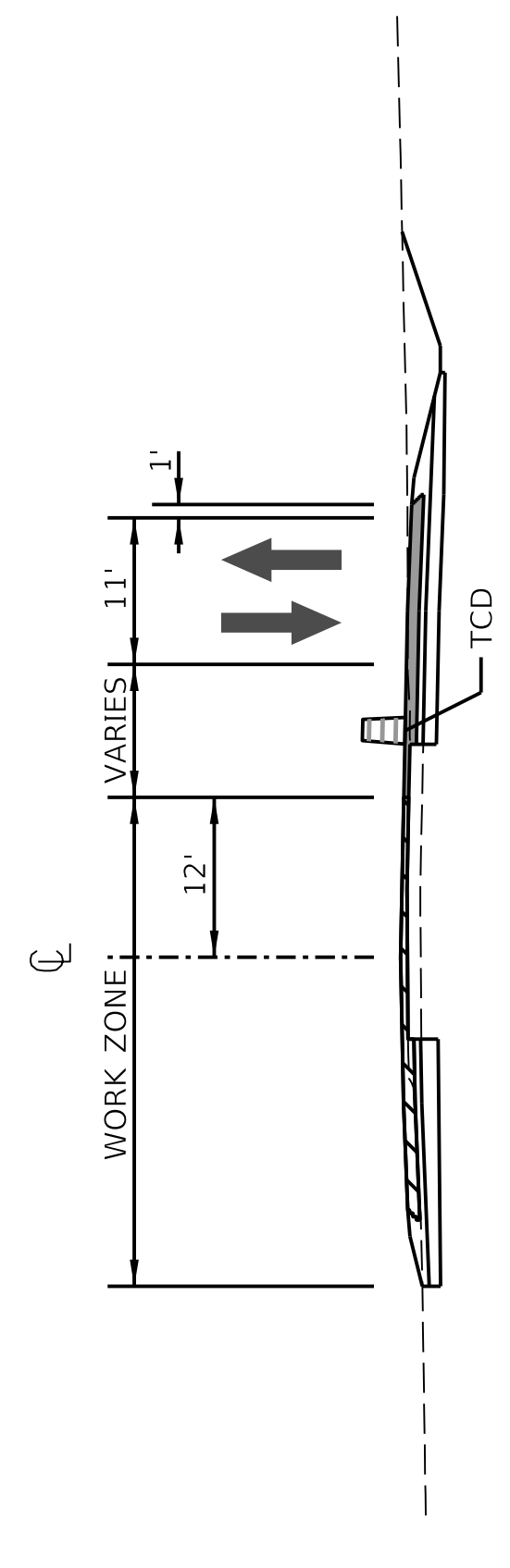
30+00



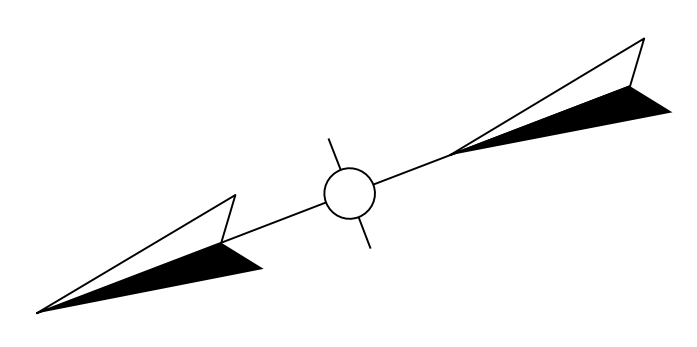
-  CONSTRUCTION THIS PHASE
-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE



SECTION B-B



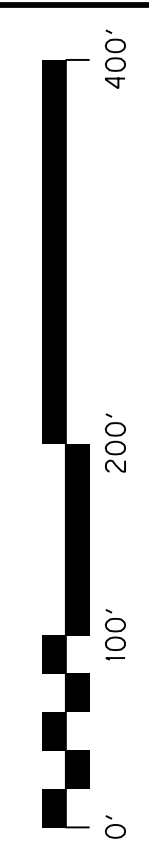
SECTION A-A



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

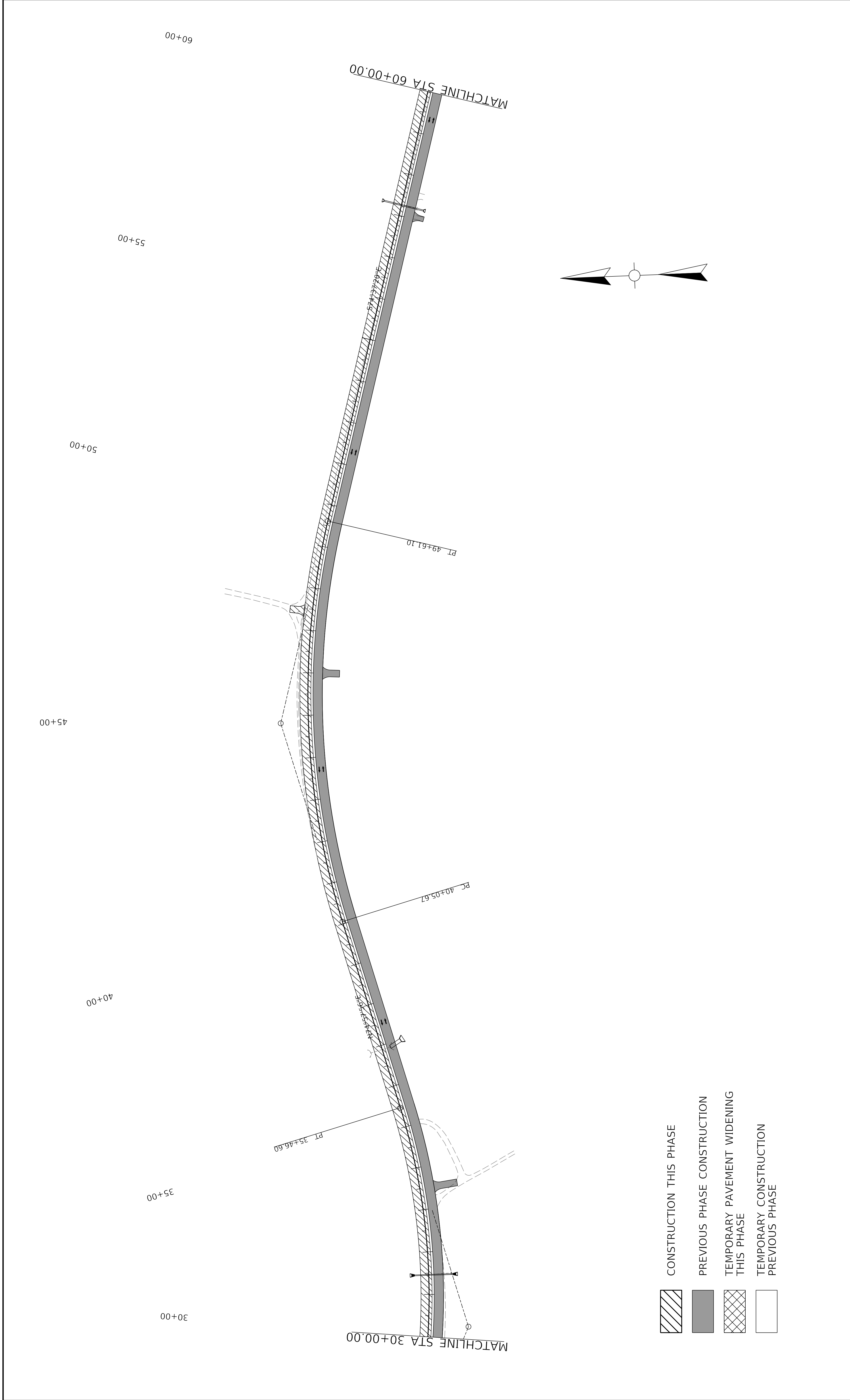
US 150
DRAWING TITLE: MAINTENANCE OF TRAFFIC SHEET
PHASE 2


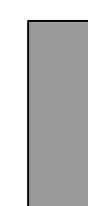
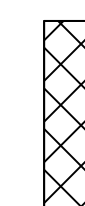
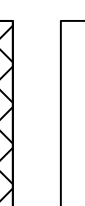
HORIZONTAL SCALE
SCALE: 1" = 100'



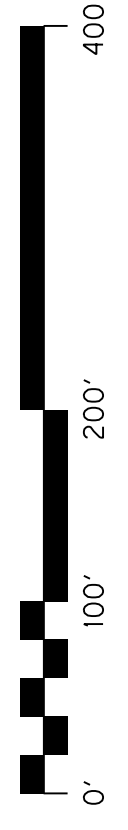


STA. 2+00 TO STA. 30+00

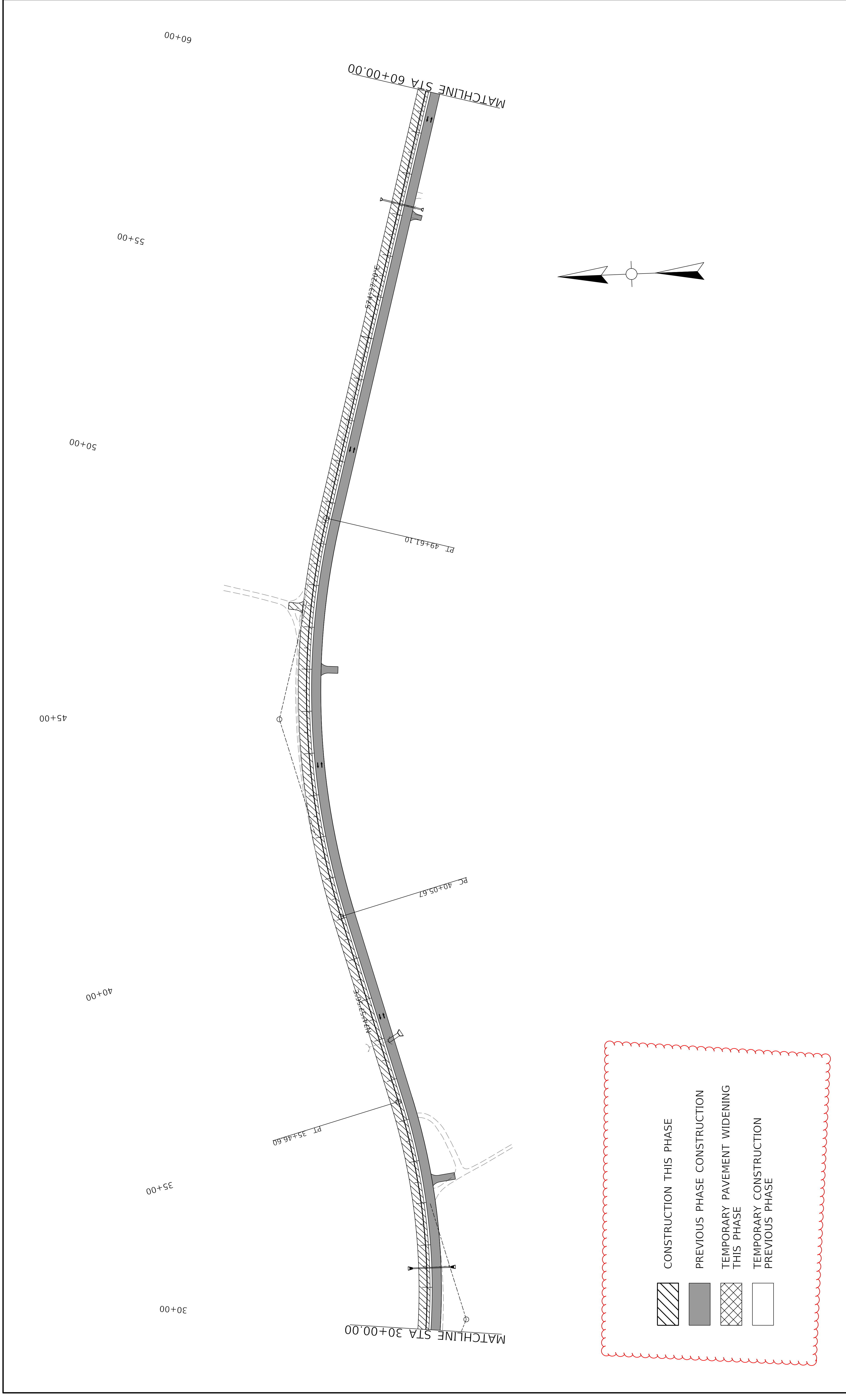
ITEM NO. 04-396.20 COUNTY OF Washington
SHEET NO. R63



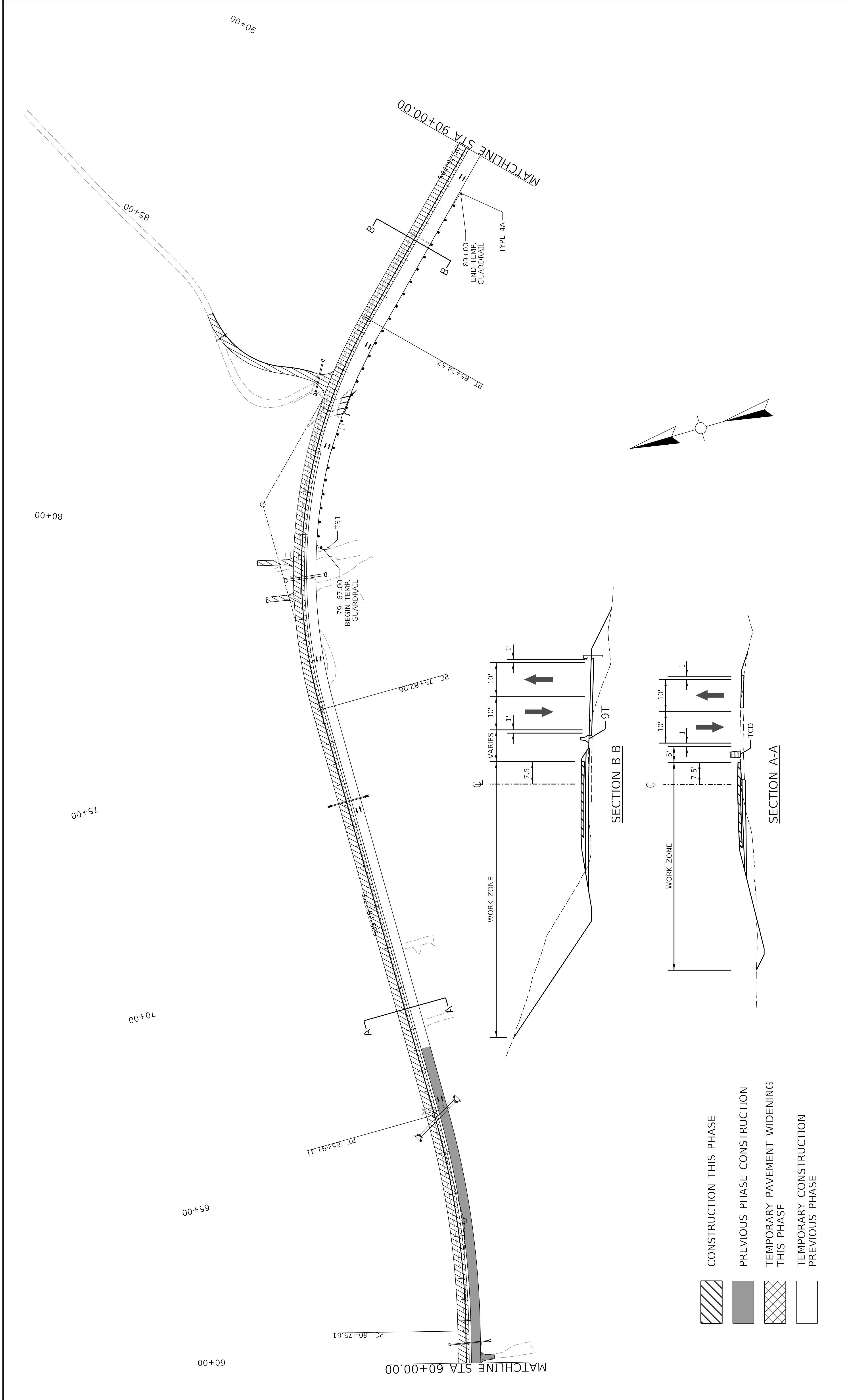
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-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE

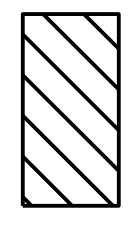
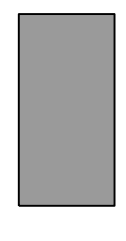
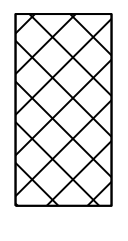
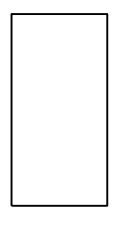
 COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS	 US 150 DRAWING TITLE: MAINTENANCE OF TRAFFIC SHEET PHASE 2	HORIZONTAL SCALE SCALE: 1" = 100' 	STA. 30+00 TO STA. 60+00 ITEM NO. 04-396.20 COUNTY OF Washington SHEET NO. R64
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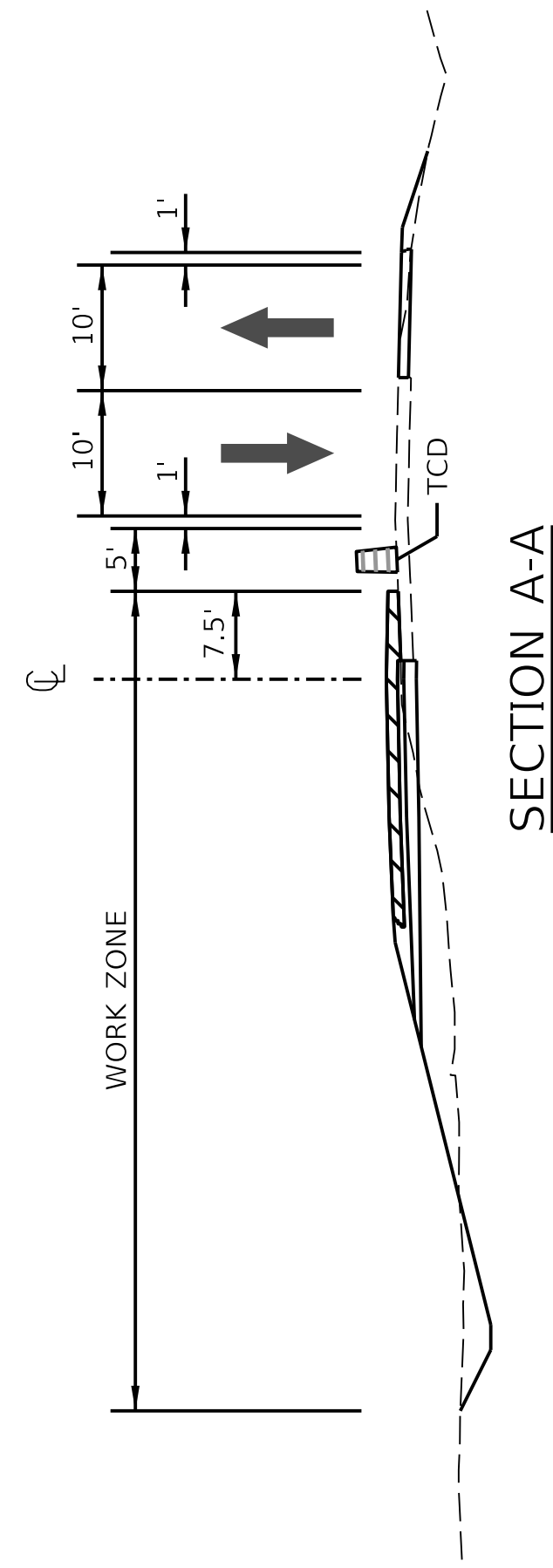
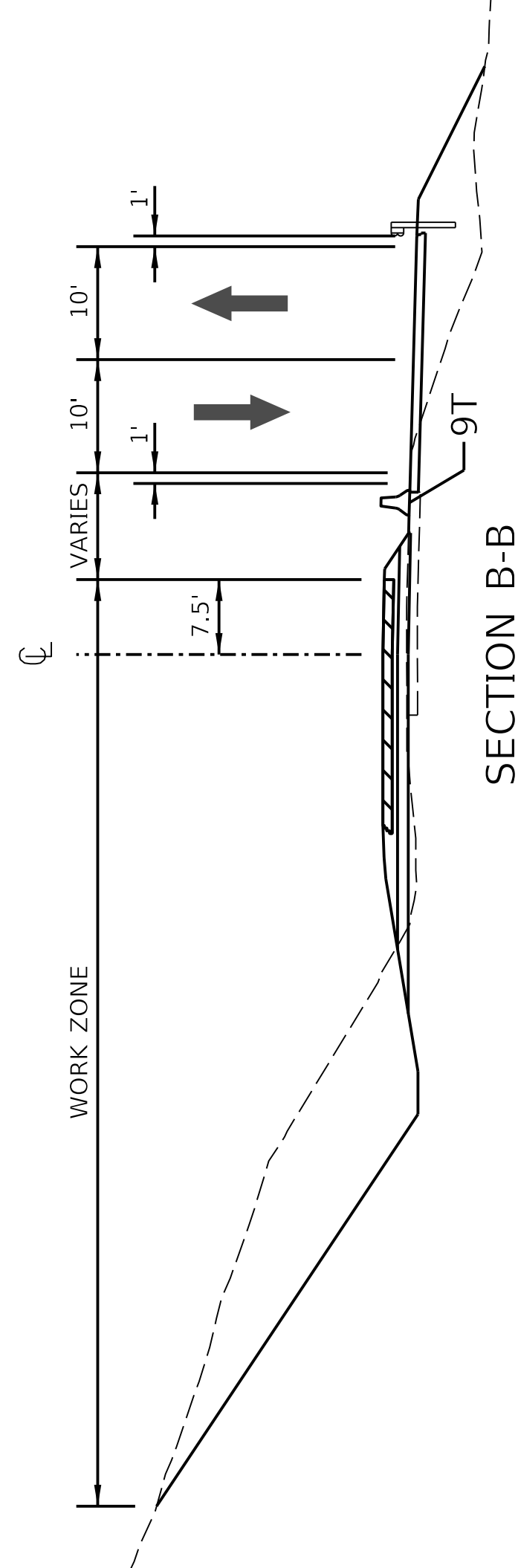
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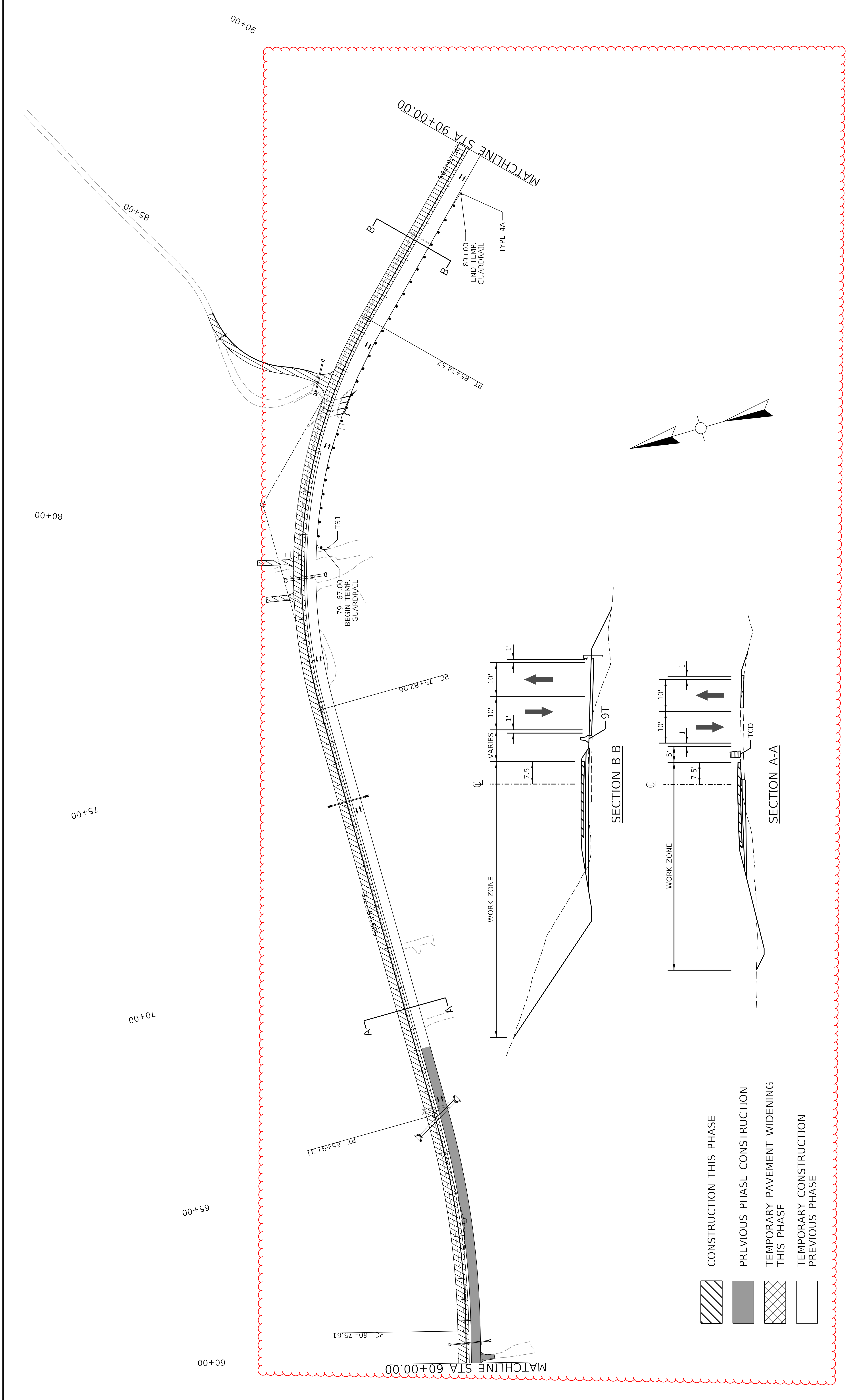


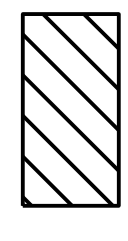
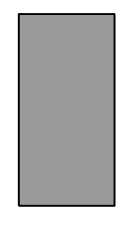
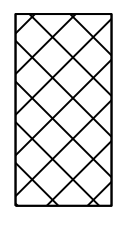
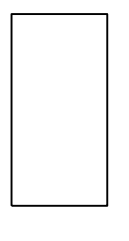
	CONSTRUCTION THIS PHASE
	PREVIOUS PHASE CONSTRUCTION
	TEMPORARY PAVEMENT WIDENING THIS PHASE
	TEMPORARY CONSTRUCTION PREVIOUS PHASE

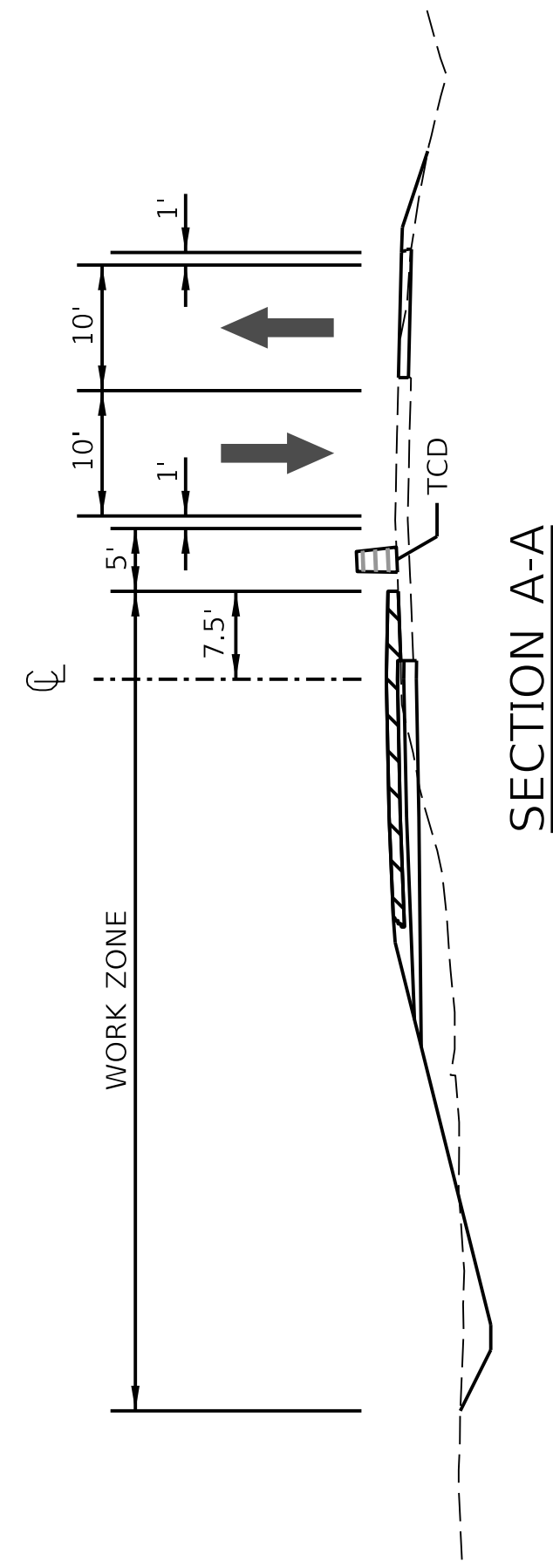
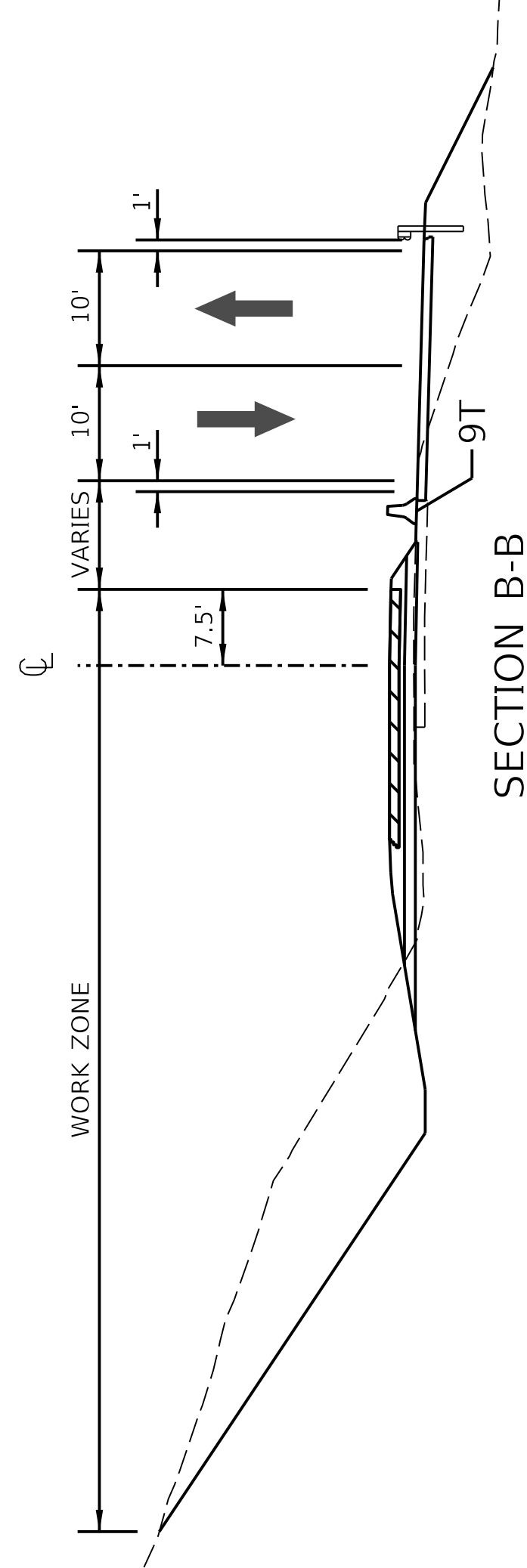


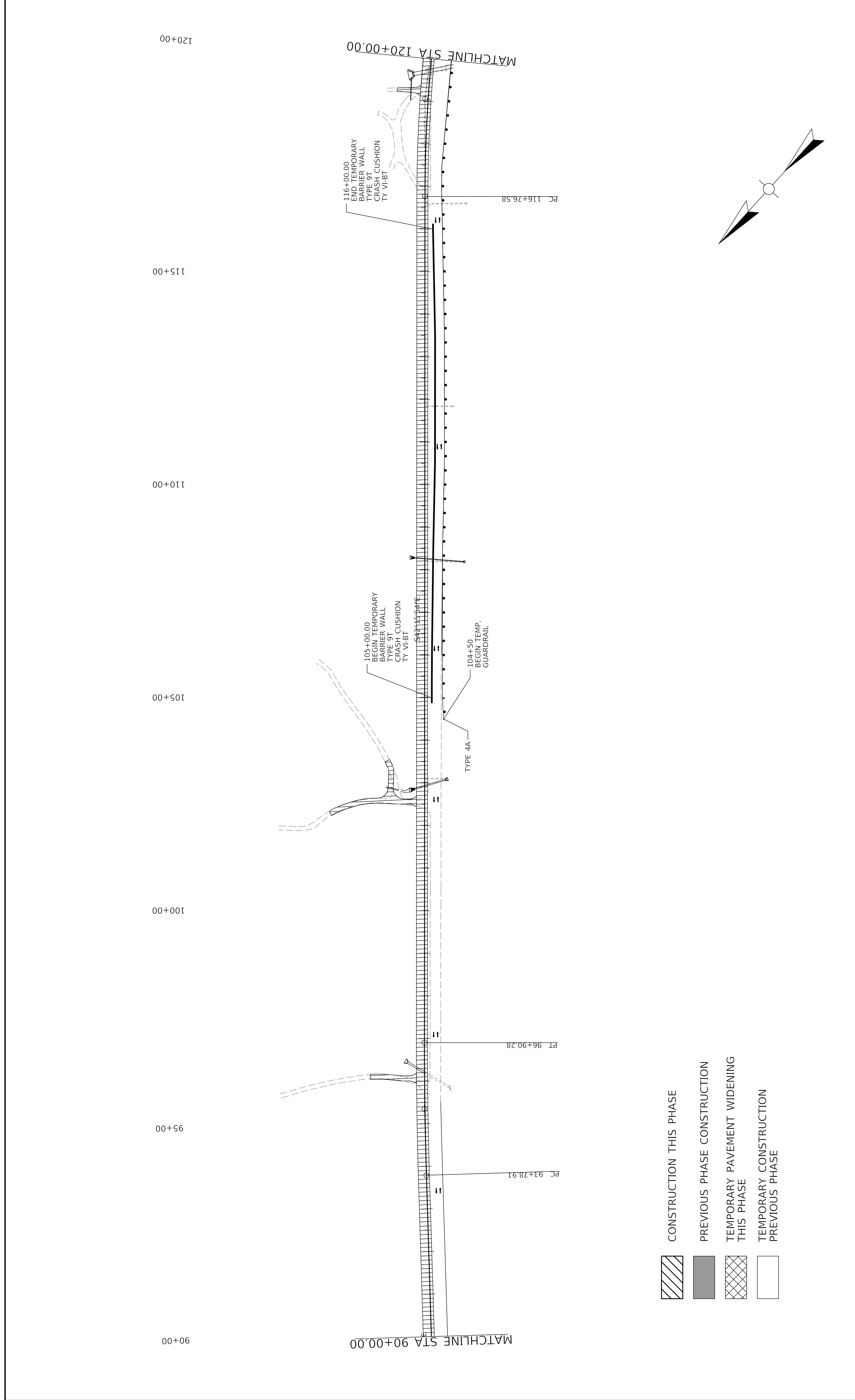
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-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE

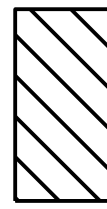

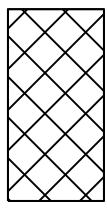
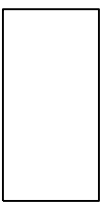



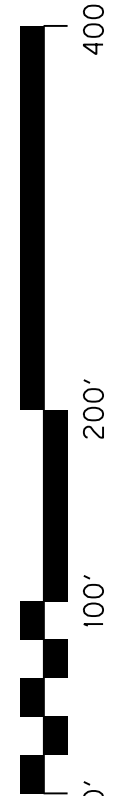


-  CONSTRUCTION THIS PHASE
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-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE

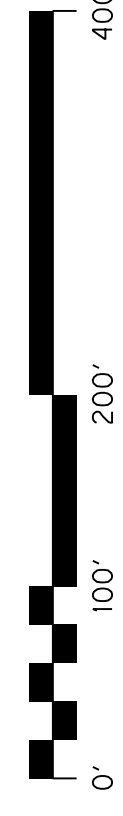


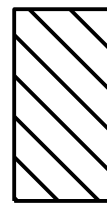

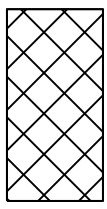
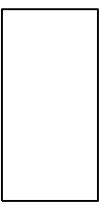


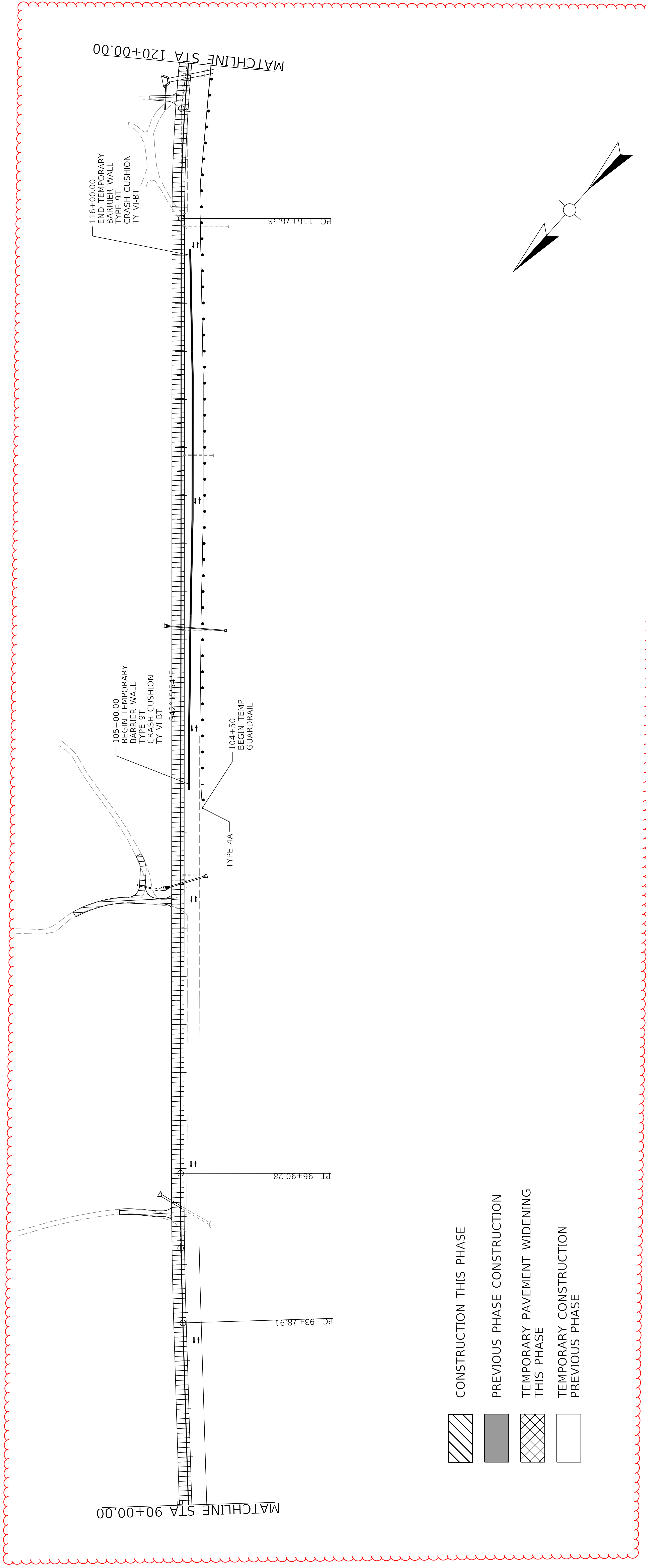
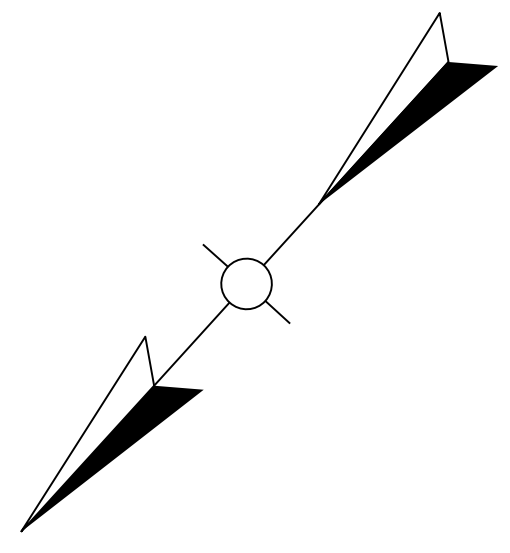
-  CONSTRUCTION THIS PHASE
-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE

 COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS	US 150 DRAWING TITLE: MAINTENANCE OF TRAFFIC SHEET PHASE 2	HORIZONTAL SCALE SCALE: 1" = 100' 	STA. 90+00 TO STA. 120+00 ITEM NO. 04-396.20 COUNTY OF Washington SHEET NO. R66
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DATE PLOTTED: 9/7/2005 7:08:02 PM
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-  CONSTRUCTION THIS PHASE
-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE



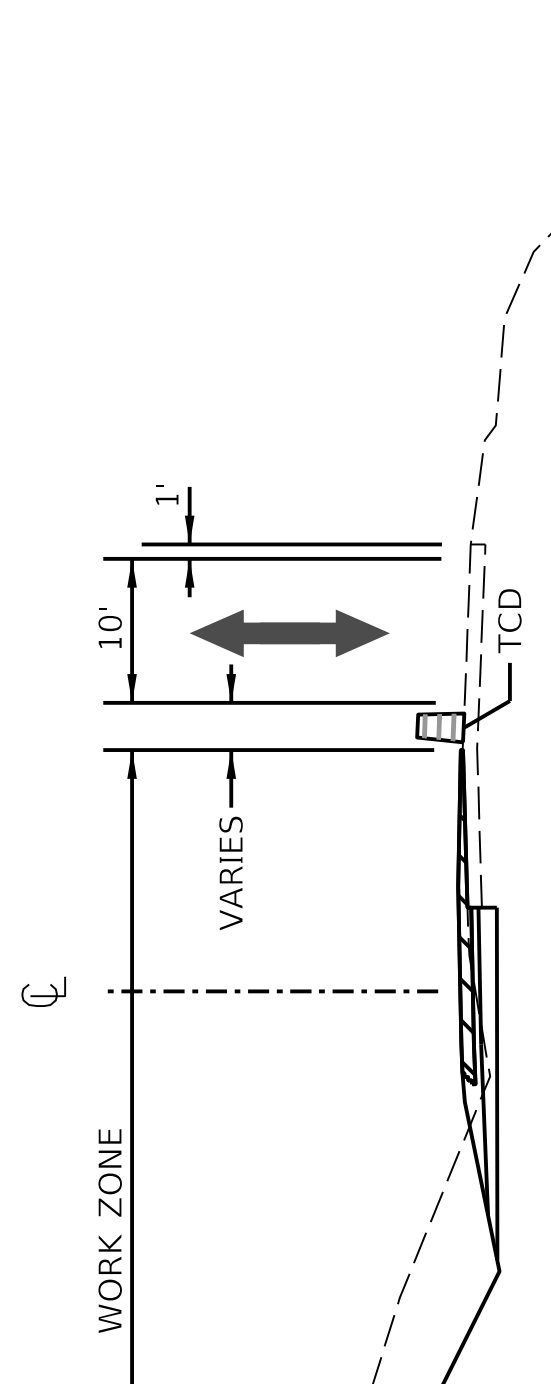
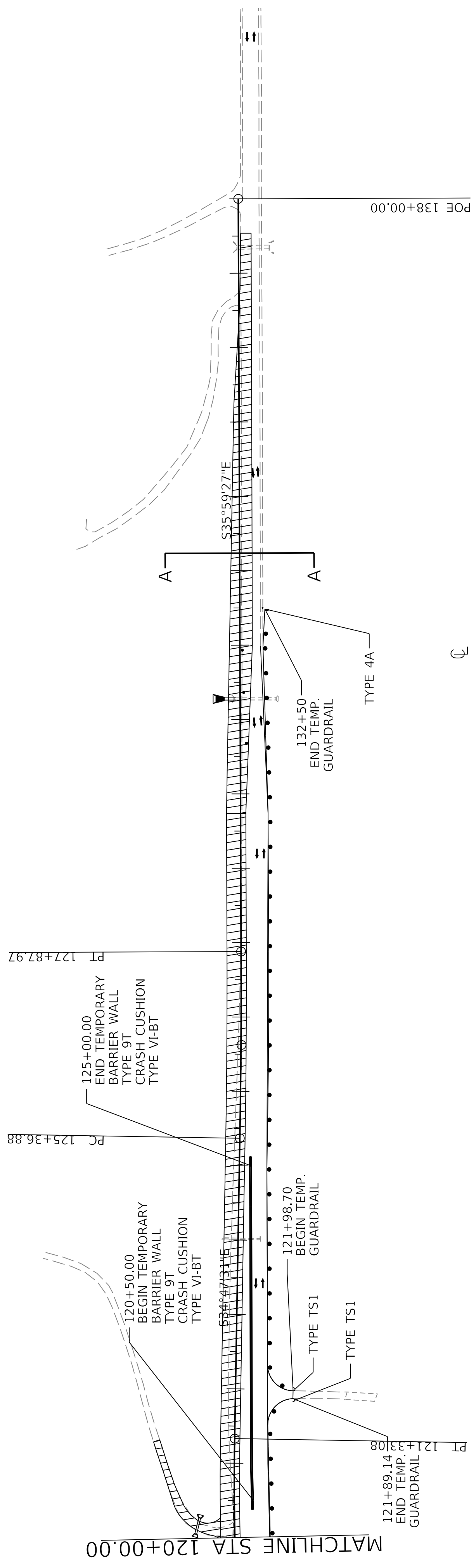
90+00 95+00 100+00 105+00 110+00 115+00 120+00


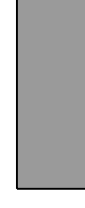
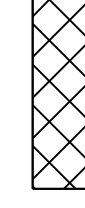
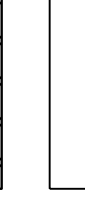
120+00

125+00

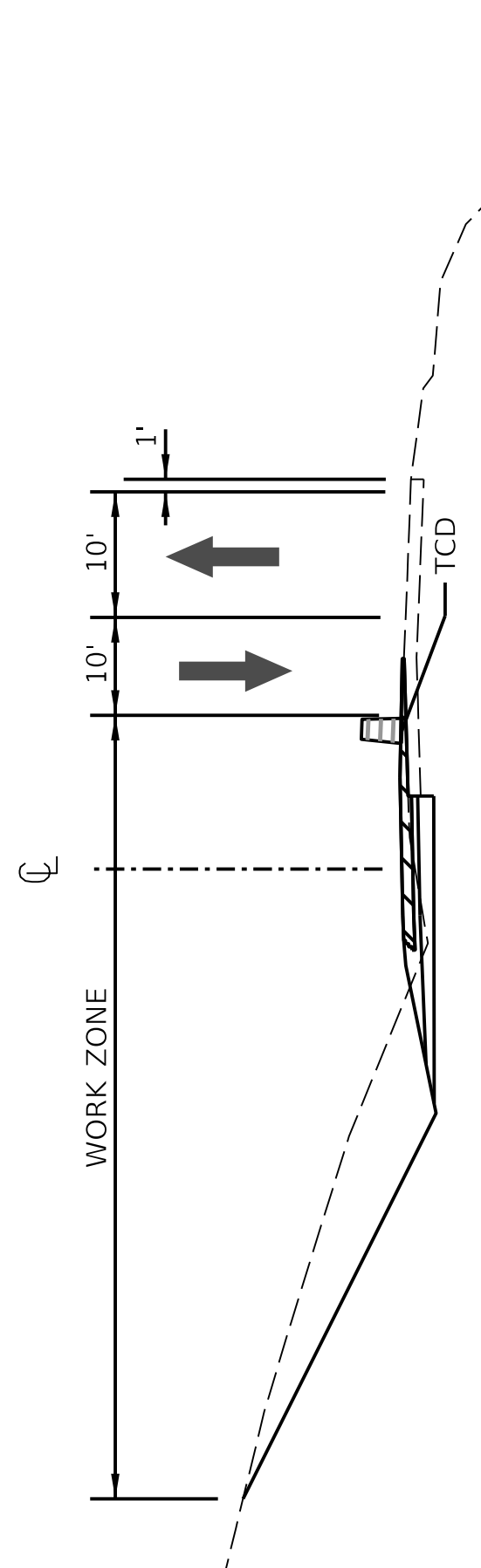
130+00

135+00

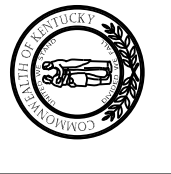


-  CONSTRUCTION THIS PHASE
-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE

SECTION A-A
 FOR PAVEMENT WIDENING DURING HOURS
 WHEN LANE CLOSURE PERMITTED (SEE SHEET R51)



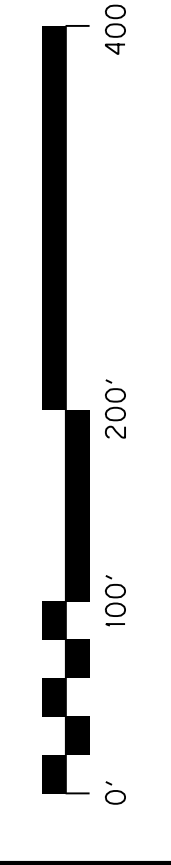
SECTION A-A
 MAINTAIN TWO LANES DURING HOURS NOTED ON SHEET R51



COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS

US 150
 DRAWING TITLE: MAINTENANCE OF TRAFFIC SHEET
 PHASE 2

HORIZONTAL SCALE
 SCALE: 1" = 100'



STA. 120+00 TO STA. 138+00

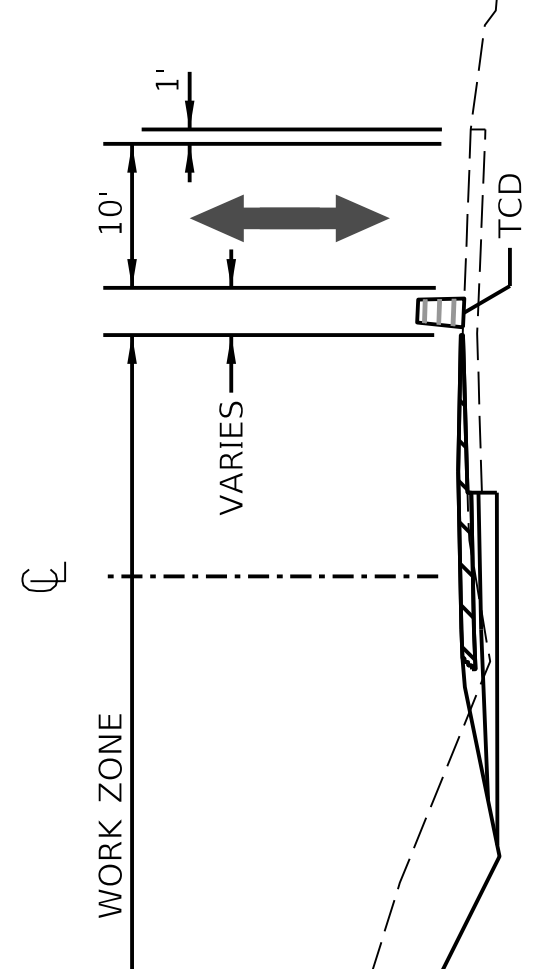
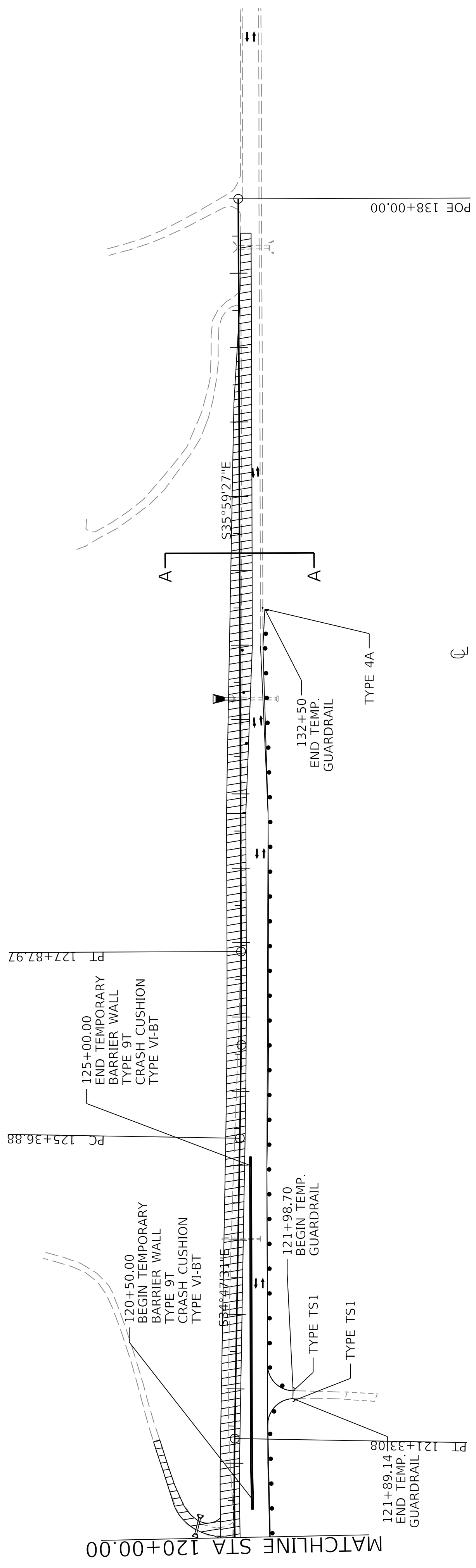
ITEM NO. 04-396.20 COUNTY OF Washington
 SHEET NO. R67

120+00

125+00

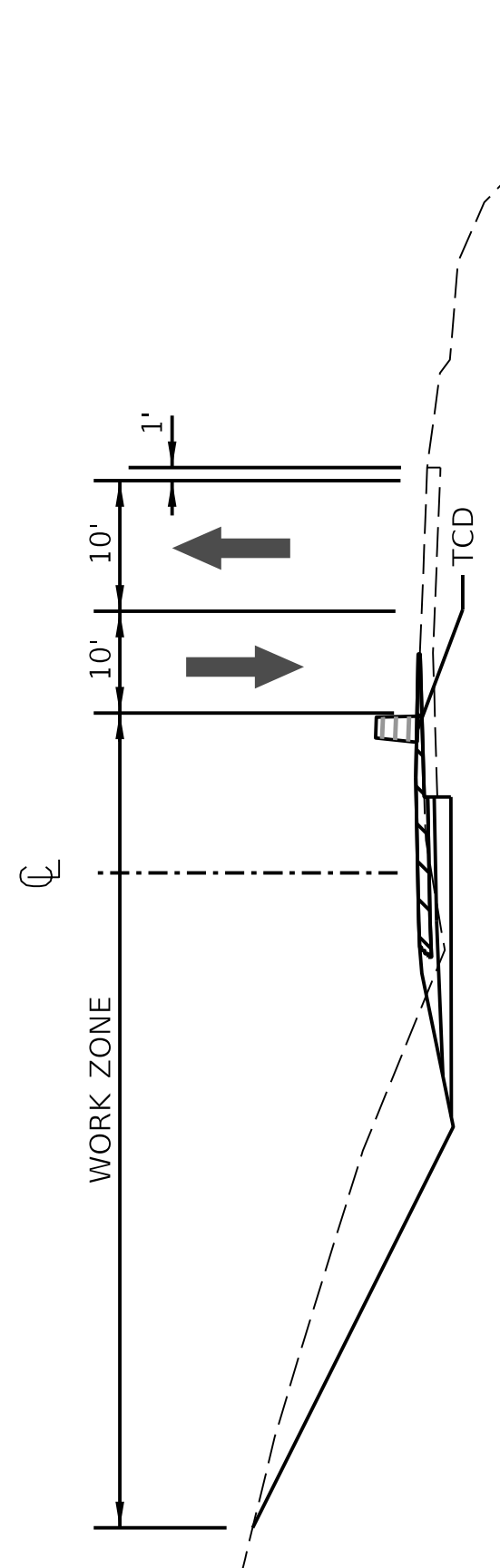
130+00

135+00







SECTION A-A

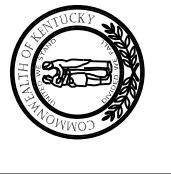
FOR PAVEMENT WIDENING DURING HOURS WHEN LANE CLOSURE PERMITTED (SEE SHEET R51)



SECTION A-A

MAINTAIN TWO LANES DURING HOURS NOTED ON SHEET R51

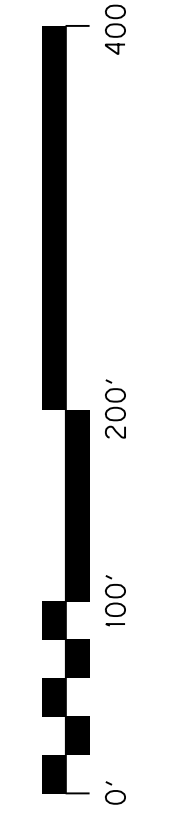
-  CONSTRUCTION THIS PHASE
-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

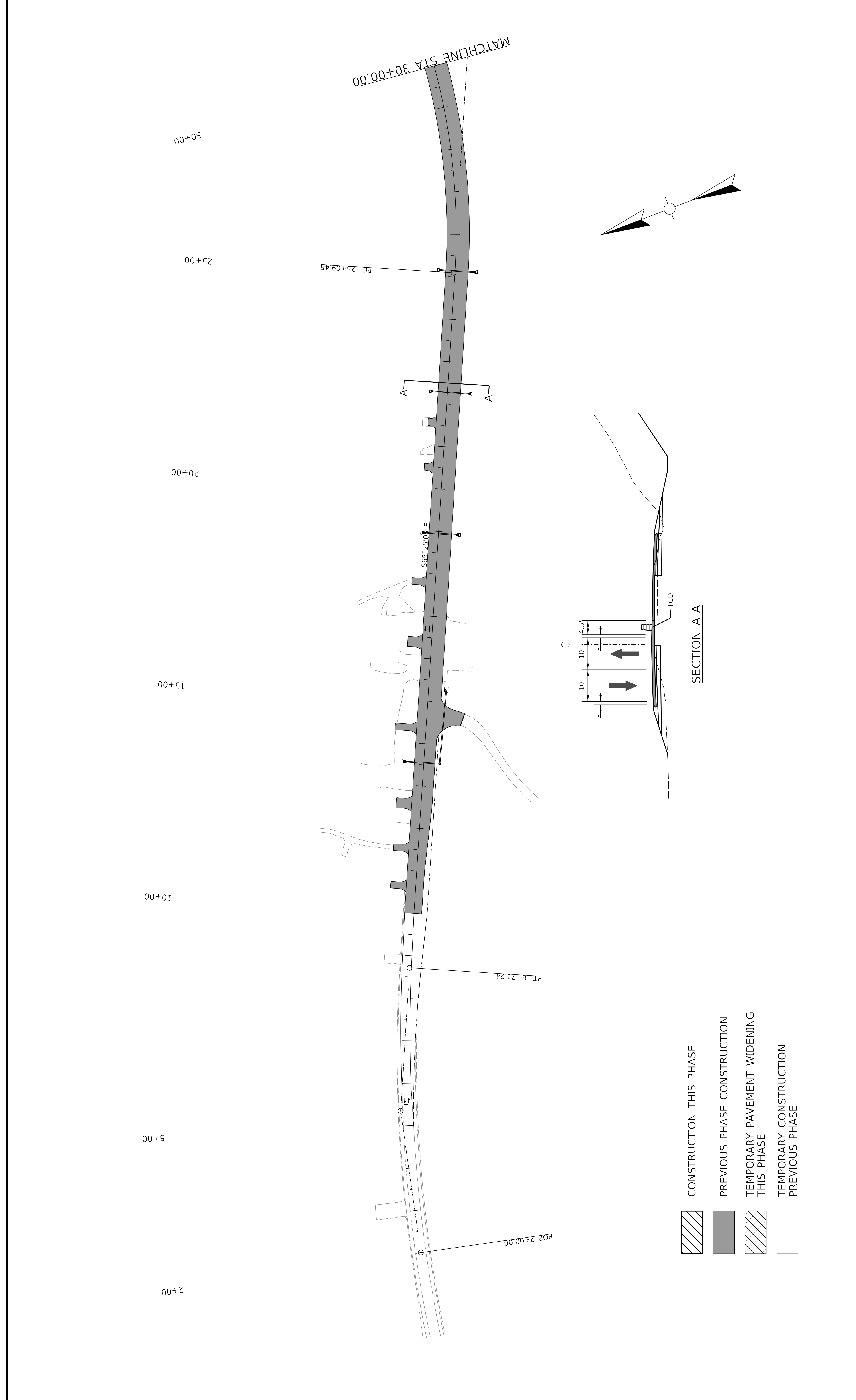
US 150
DRAWING TITLE: MAINTENANCE OF TRAFFIC SHEET
PHASE 2

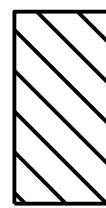

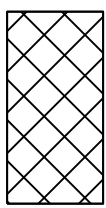
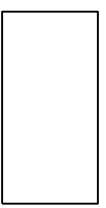
HORIZONTAL SCALE
SCALE: 1" = 100'





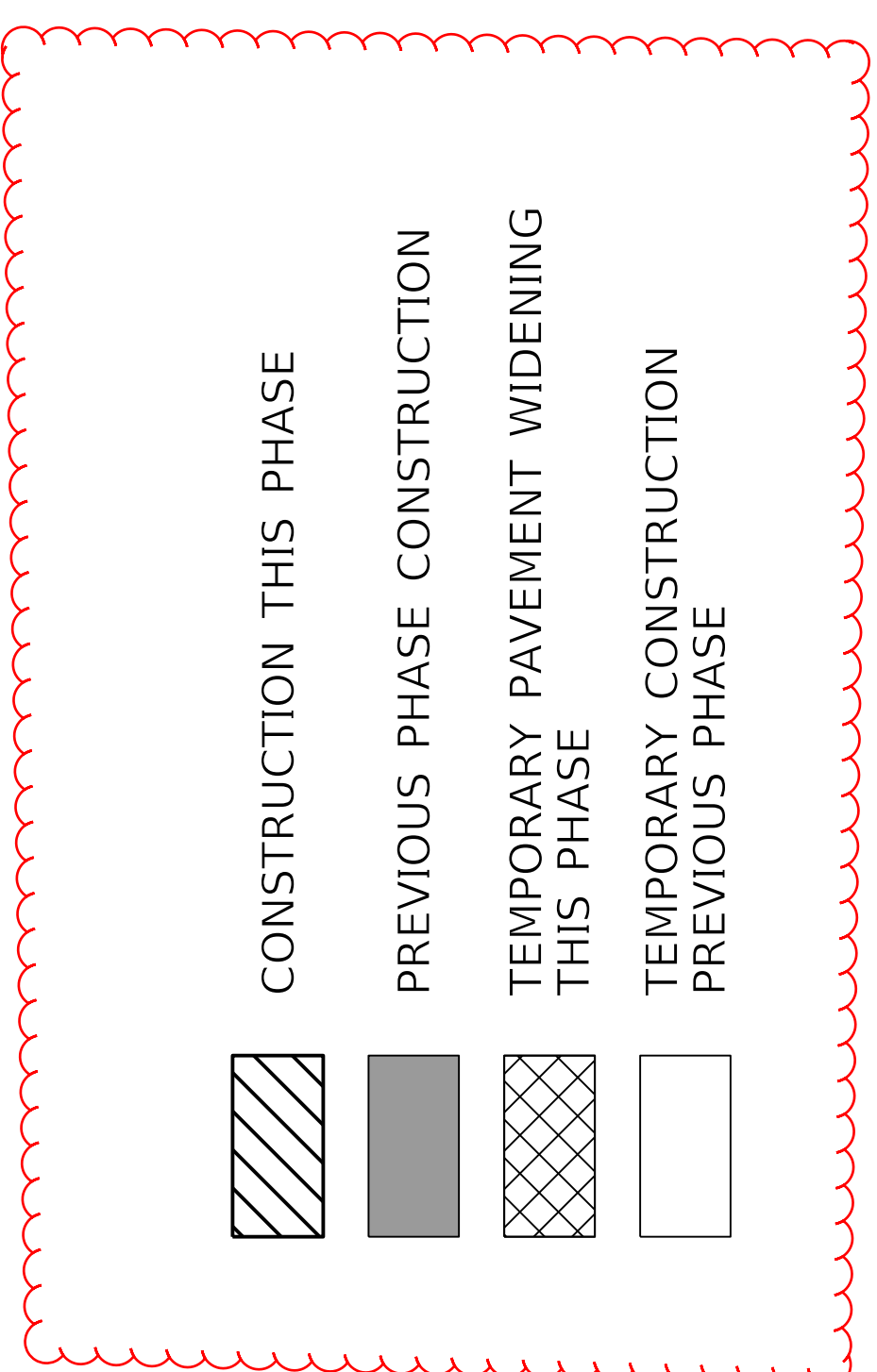
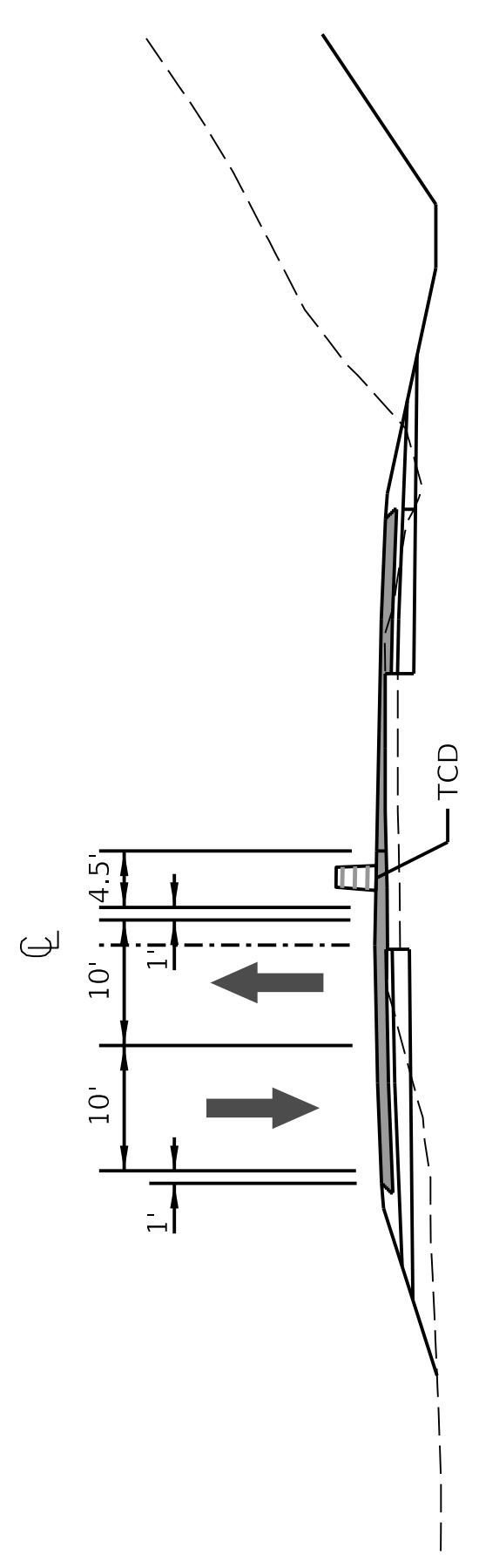
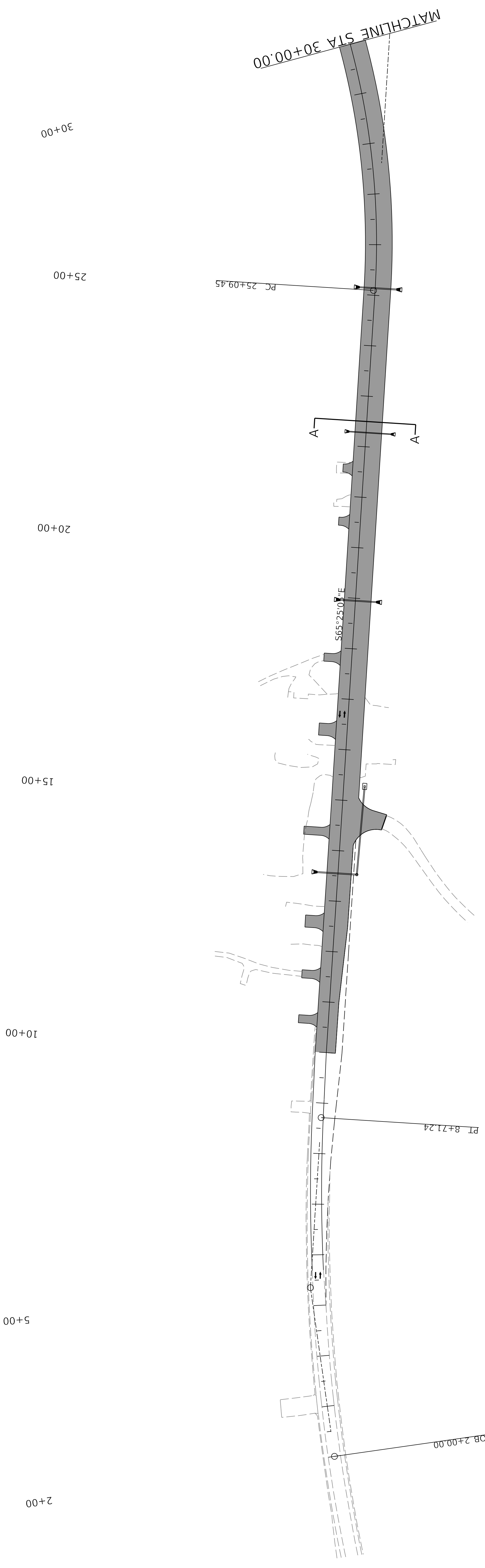
STA. 120+00 TO STA. 138+00

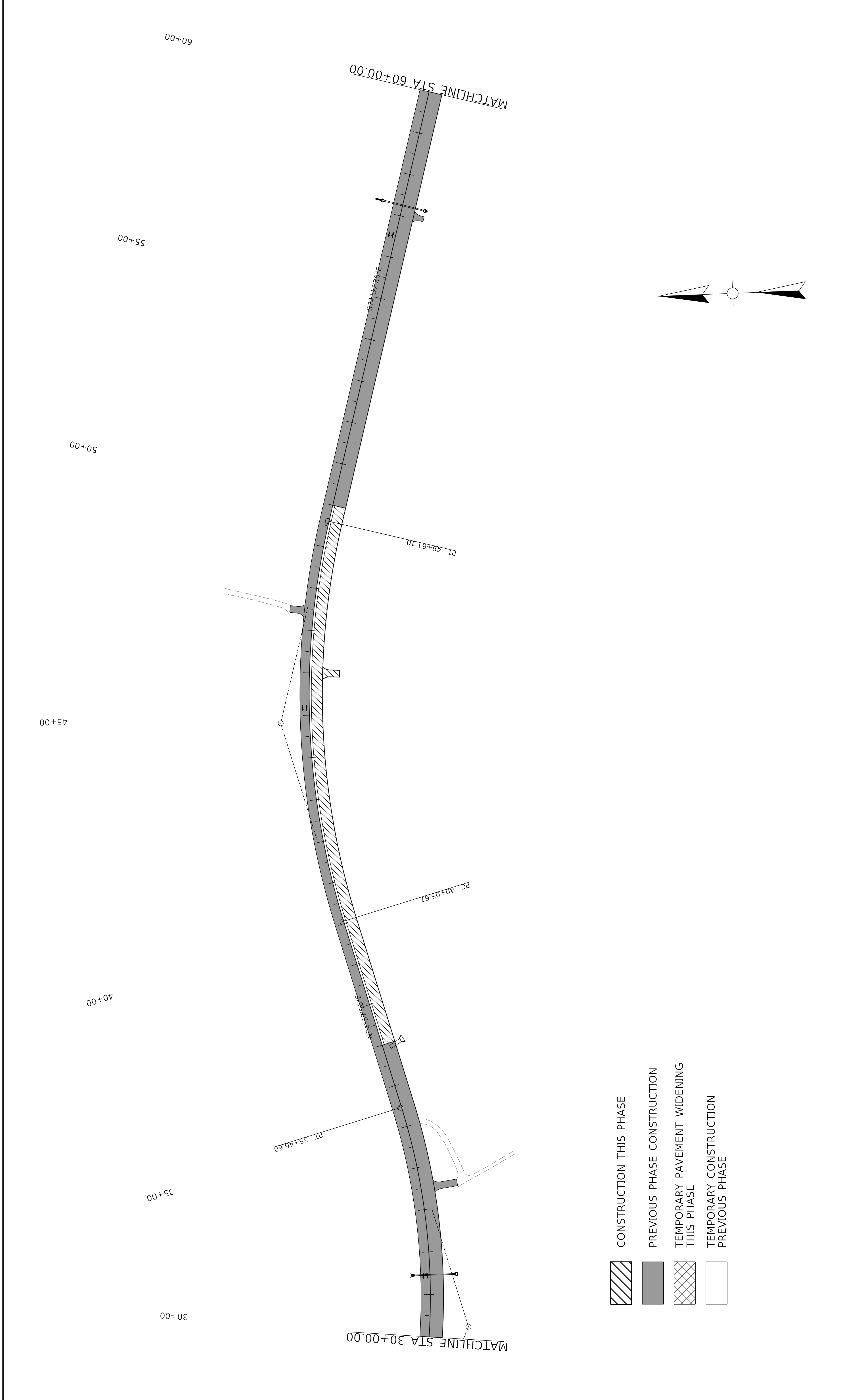
ITEM NO. 04-396.20 COUNTY OF Washington
SHEET NO. R67

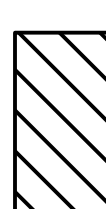

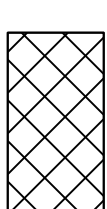
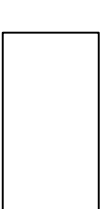



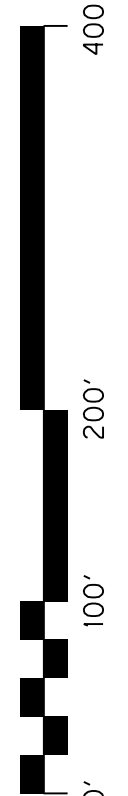
-  CONSTRUCTION THIS PHASE
-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE

 COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS	US 150 DRAWING TITLE: MAINTENANCE OF TRAFFIC SHEET PHASE 3	HORIZONTAL SCALE SCALE: 1" = 100' 	STA. 2+00 TO STA. 30+00 ITEM NO. 04-396.20 COUNTY OF Washington SHEET NO. R68
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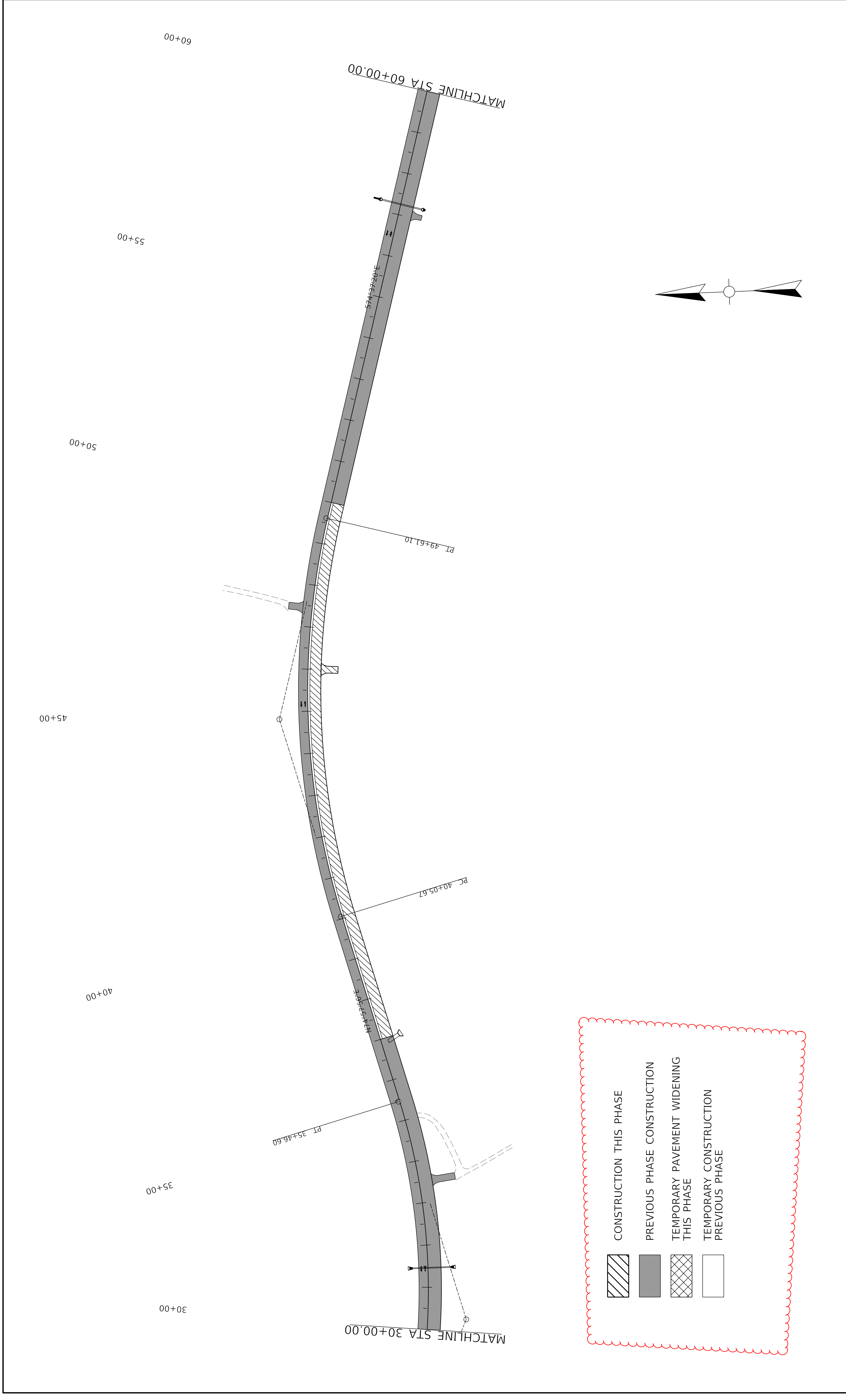




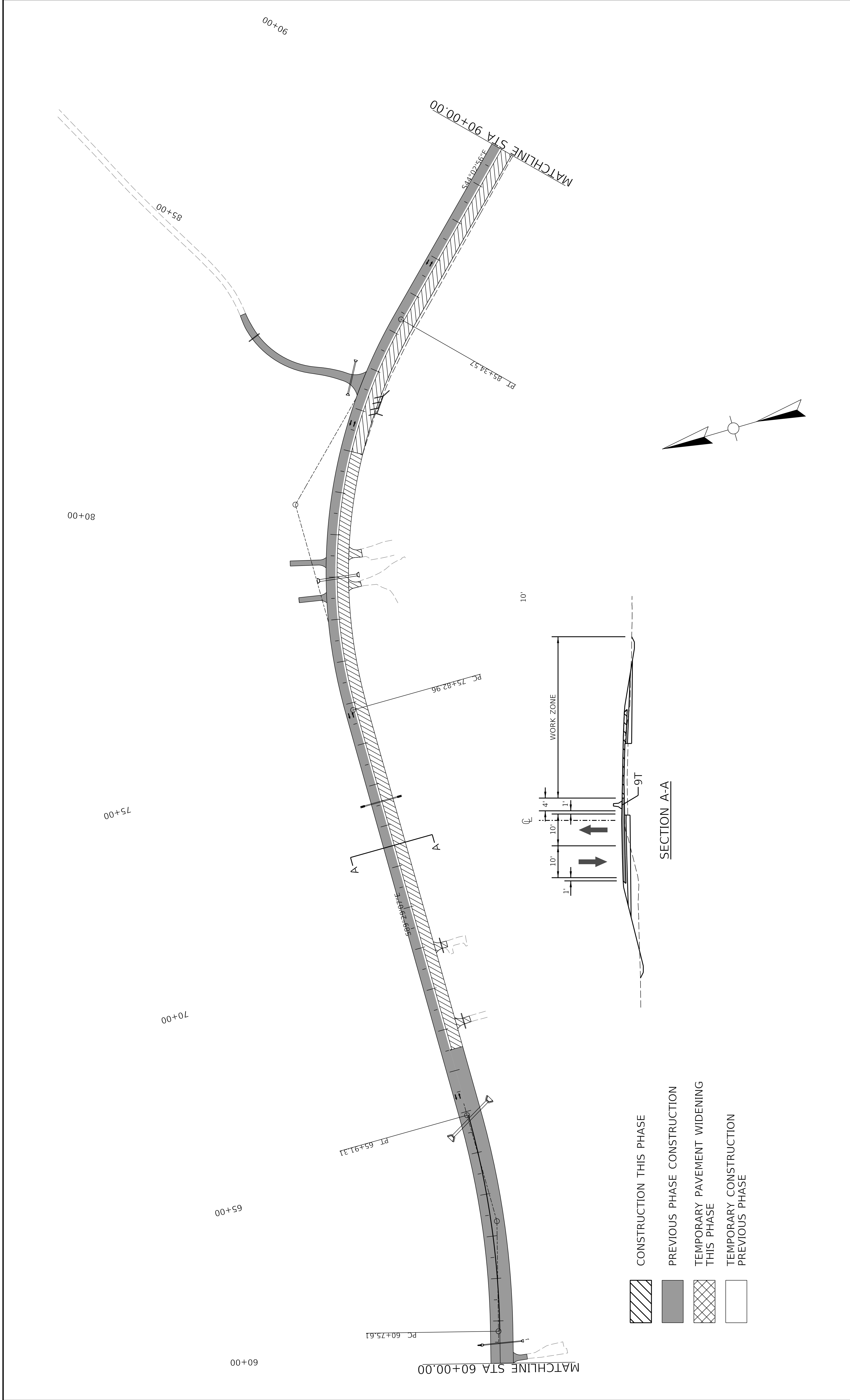
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-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE



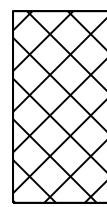
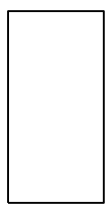
 COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS	US 150 DRAWING TITLE: MAINTENANCE OF TRAFFIC SHEET PHASE 3	HORIZONTAL SCALE SCALE: 1" = 100' 	STA. 30+00 TO STA. 60+00 ITEM NO. 04-396.20 COUNTY OF Washington SHEET NO. R69
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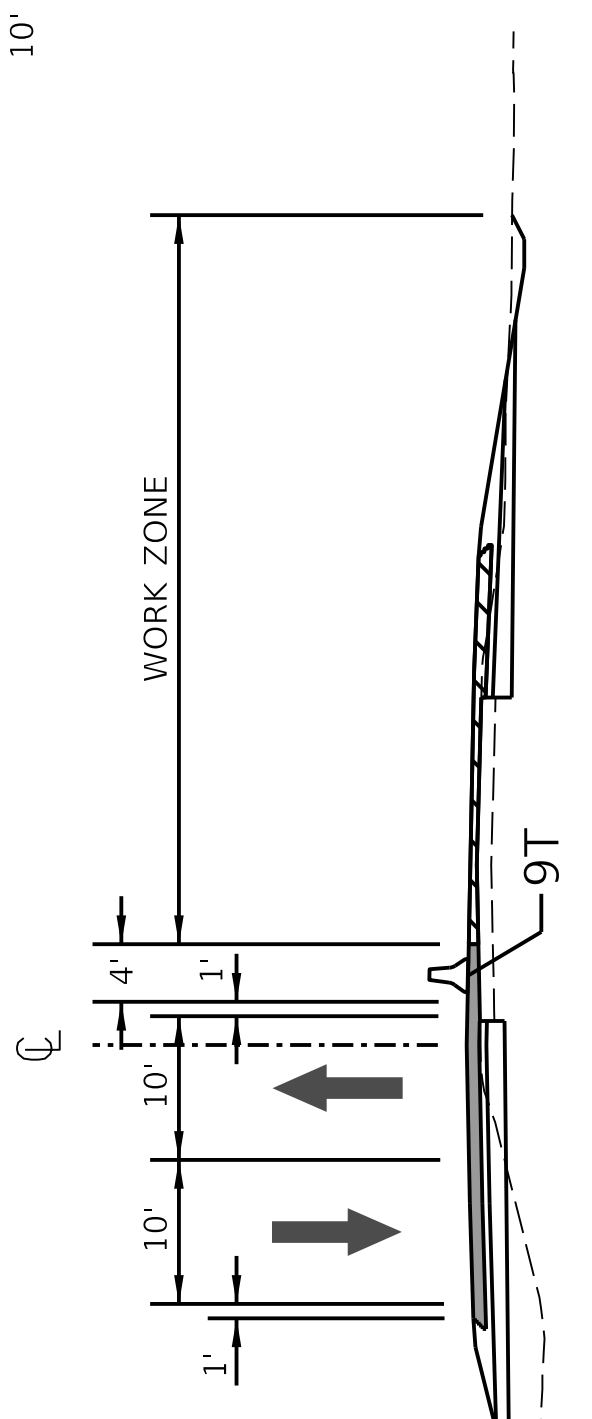
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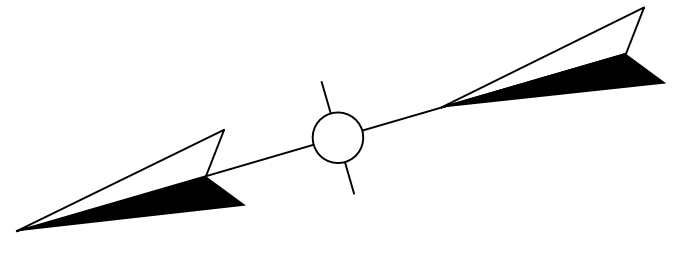
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	PREVIOUS PHASE CONSTRUCTION
	TEMPORARY PAVEMENT WIDENING THIS PHASE
	TEMPORARY CONSTRUCTION PREVIOUS PHASE

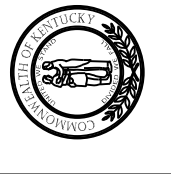
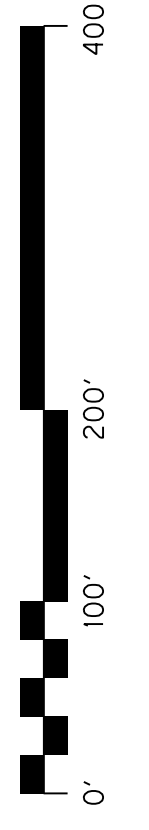


-  CONSTRUCTION THIS PHASE
-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE

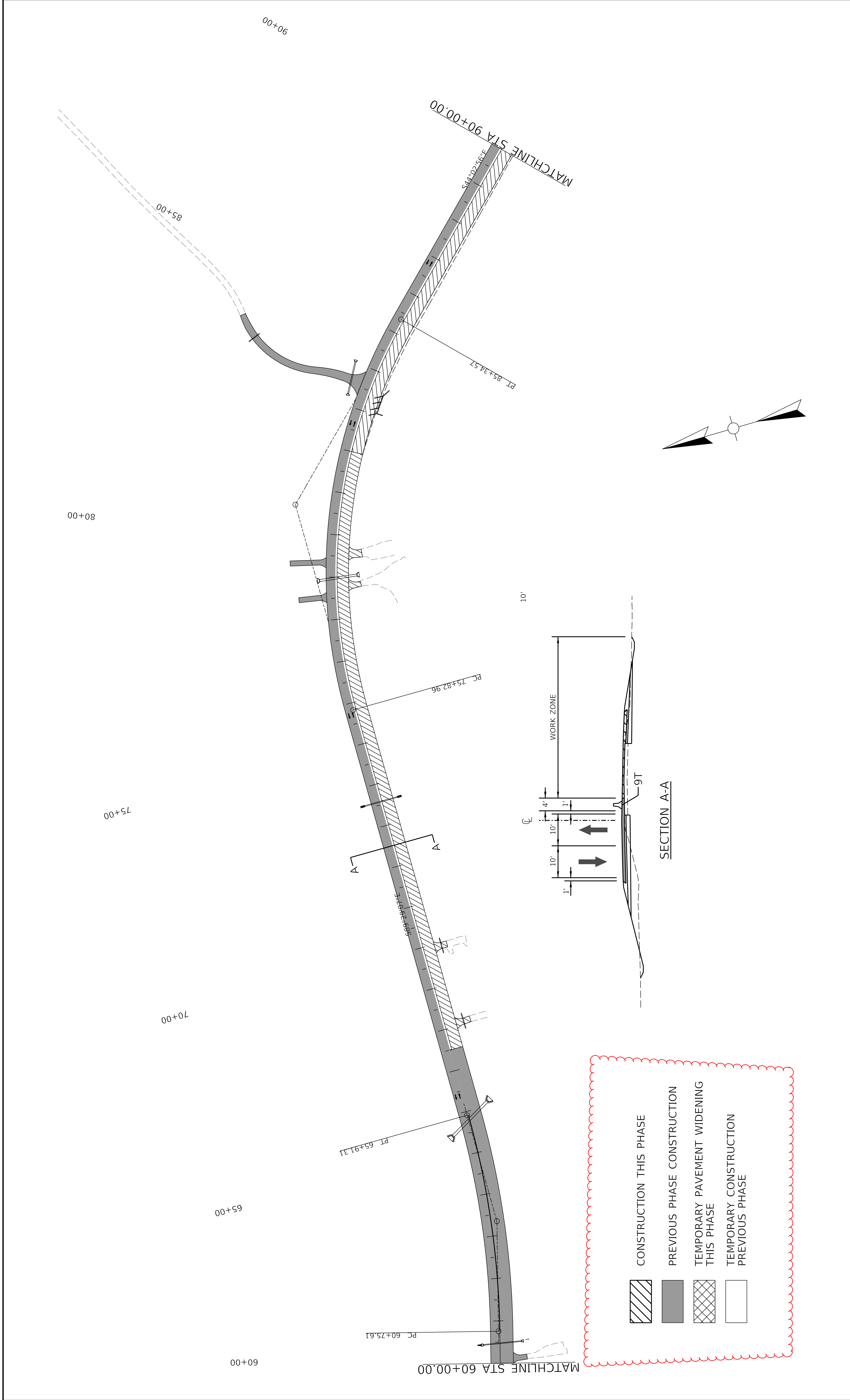


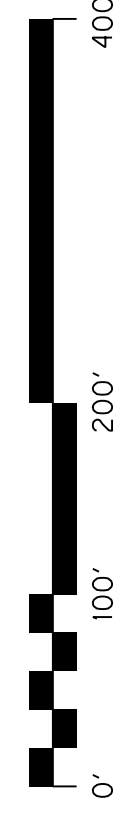
SECTION A-A

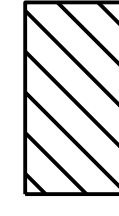
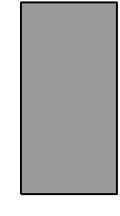
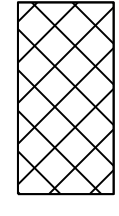
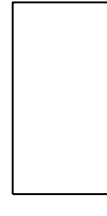


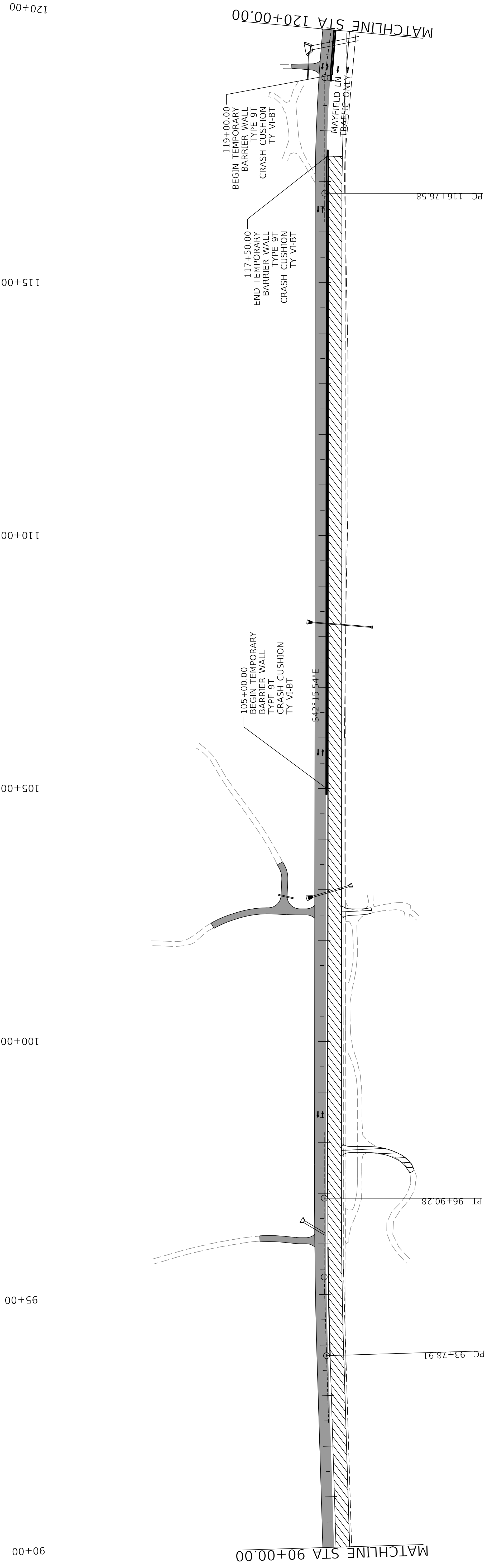
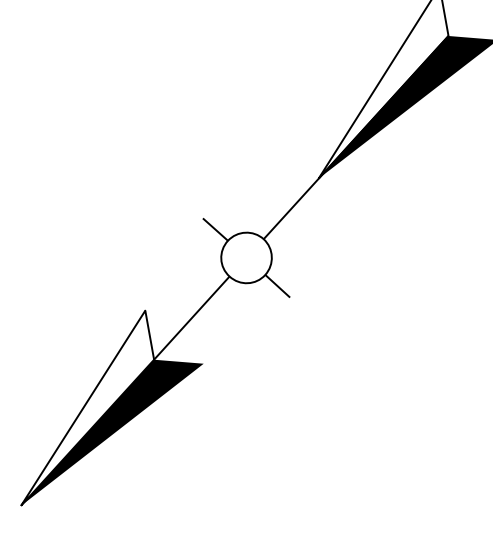
 COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS	US 150 DRAWING TITLE: MAINTENANCE OF TRAFFIC SHEET PHASE 3	HORIZONTAL SCALE SCALE: 1" = 100' 	STA. 60+00 TO STA. 90+00 ITEM NO. 04-396.20 COUNTY OF Washington SHEET NO. R70
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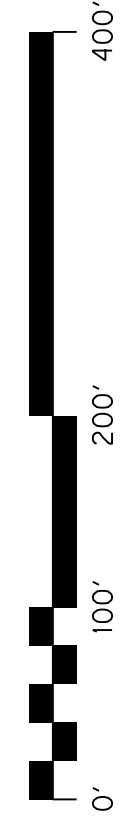
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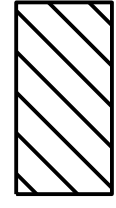
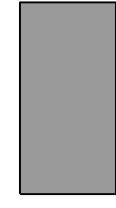
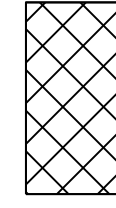
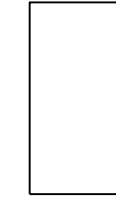


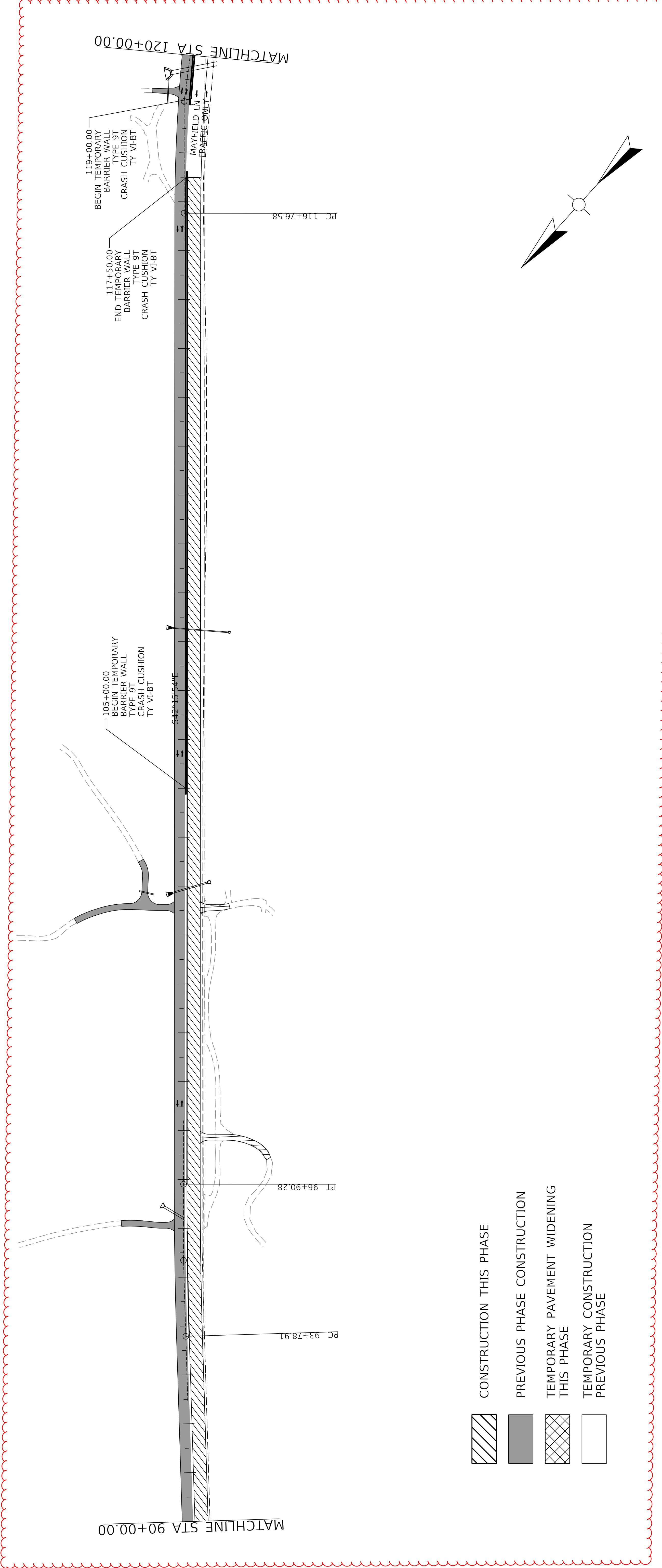
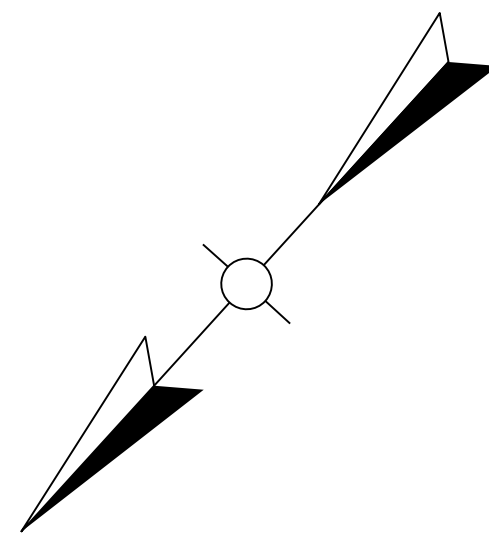


-  CONSTRUCTION THIS PHASE
-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE

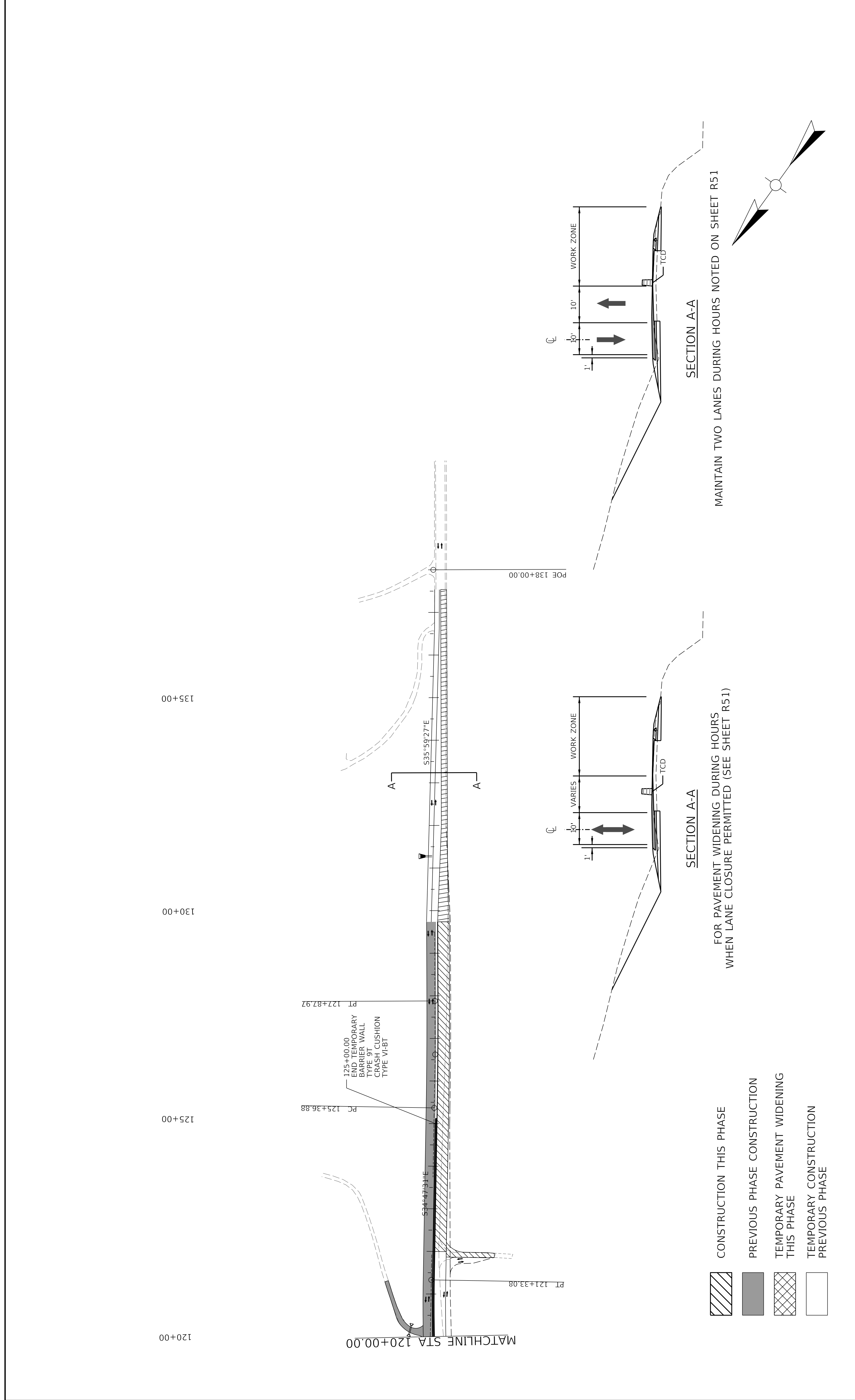




-  CONSTRUCTION THIS PHASE
-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE



90+00 95+00 100+00 105+00 110+00 115+00 120+00



MATCHLINE STA 120+00.00

PT 121+33.08

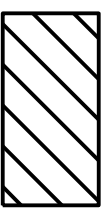


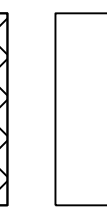
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PT 127+87.97

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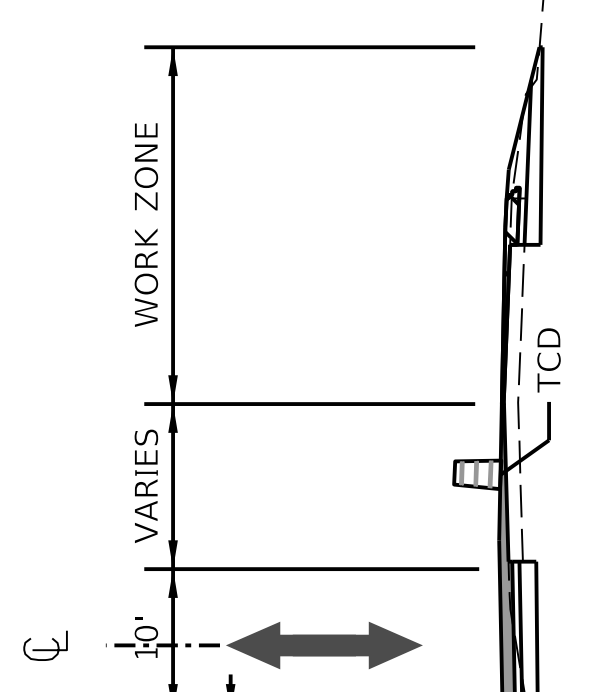
535°59'27"E

POE 138+00.00

-  CONSTRUCTION THIS PHASE
-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE

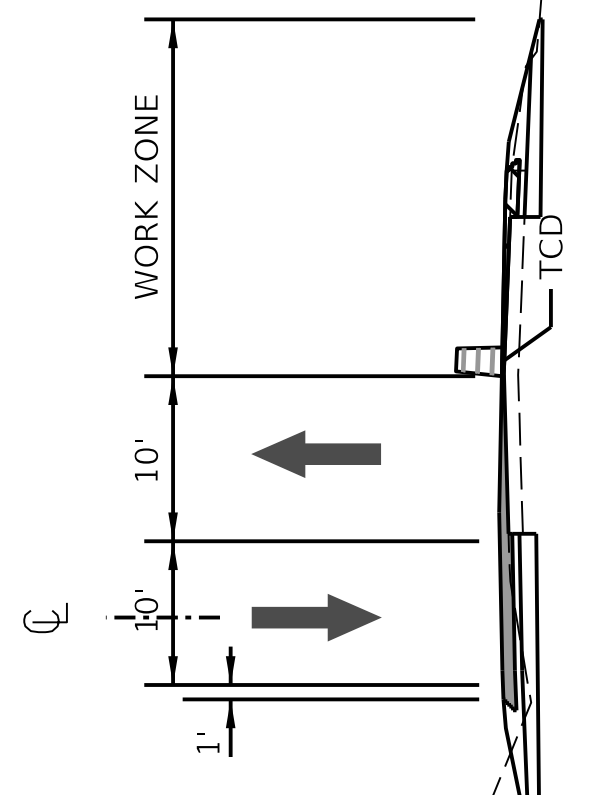
SECTION A-A


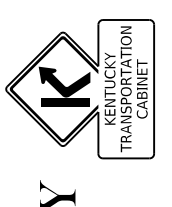
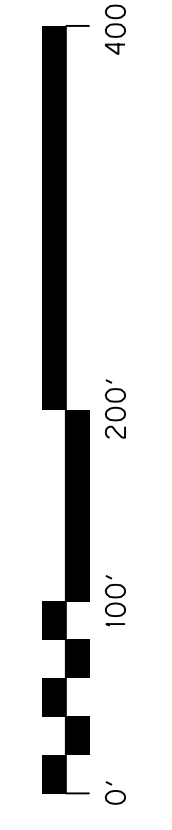
FOR PAVEMENT WIDENING DURING HOURS WHEN LANE CLOSURE PERMITTED (SEE SHEET R51)



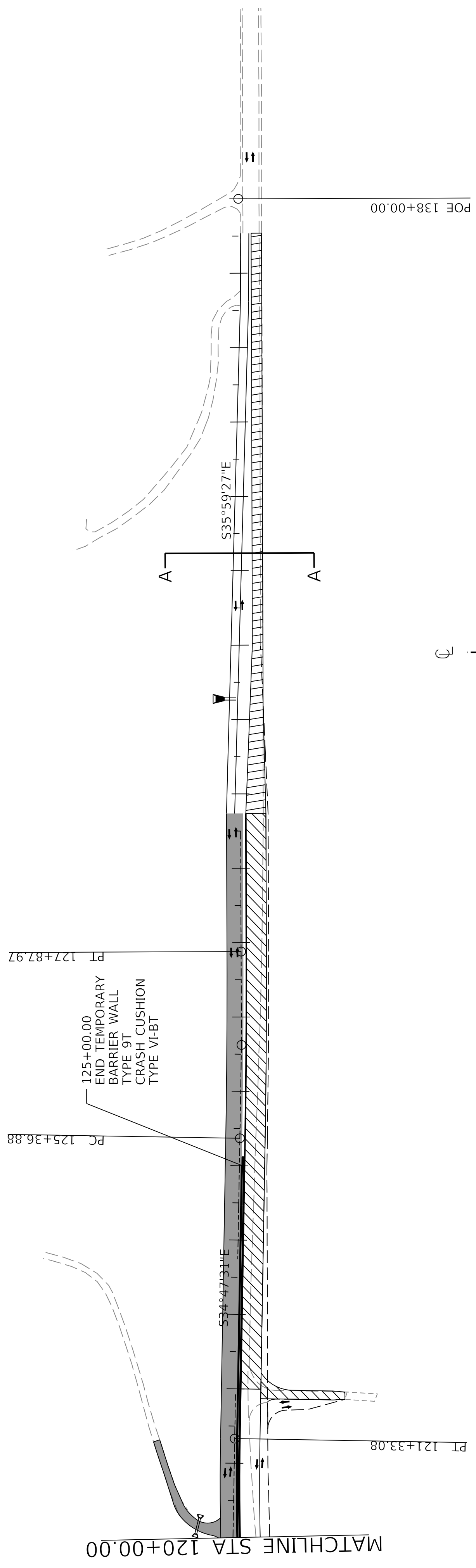
SECTION A-A

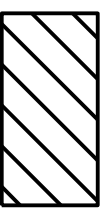

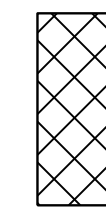

MAINTAIN TWO LANES DURING HOURS NOTED ON SHEET R51

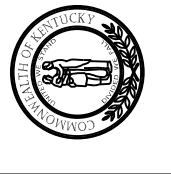
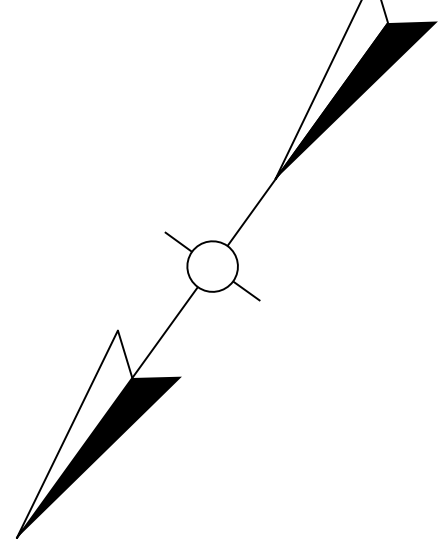
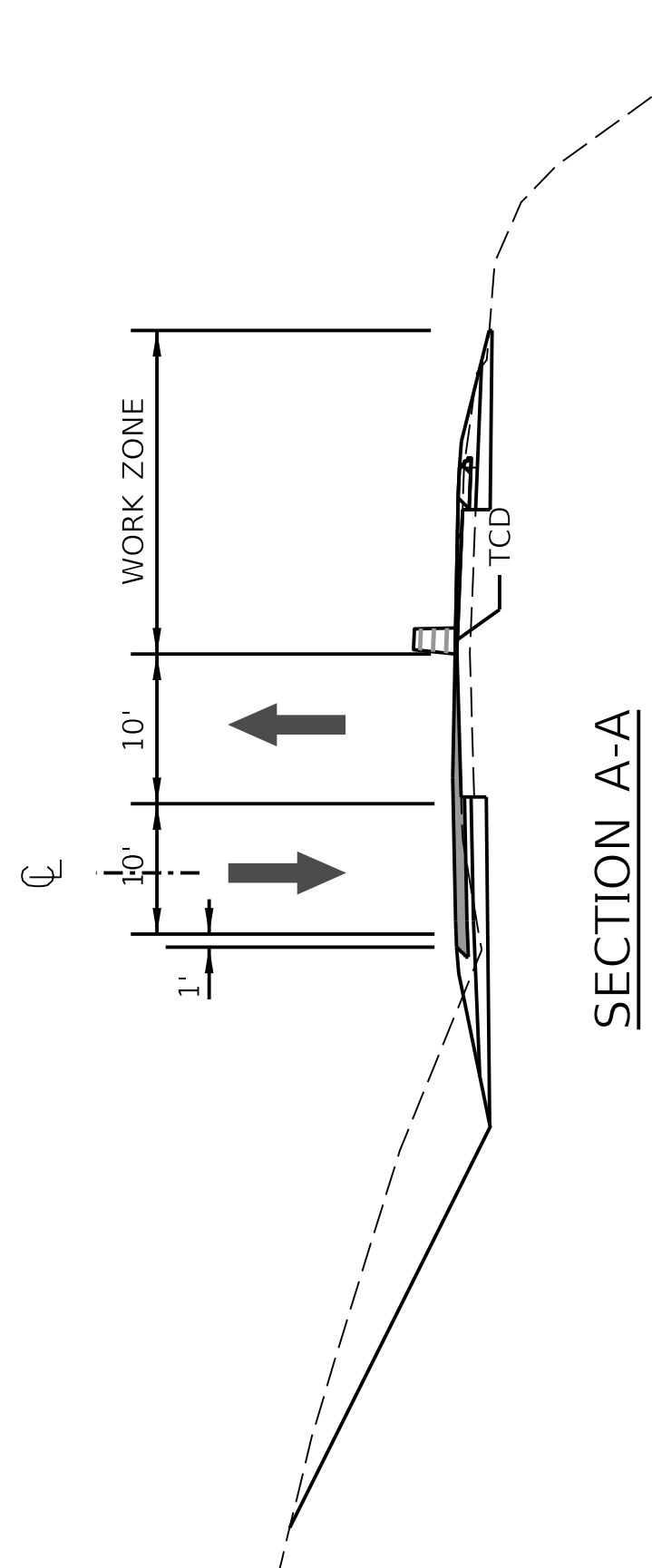
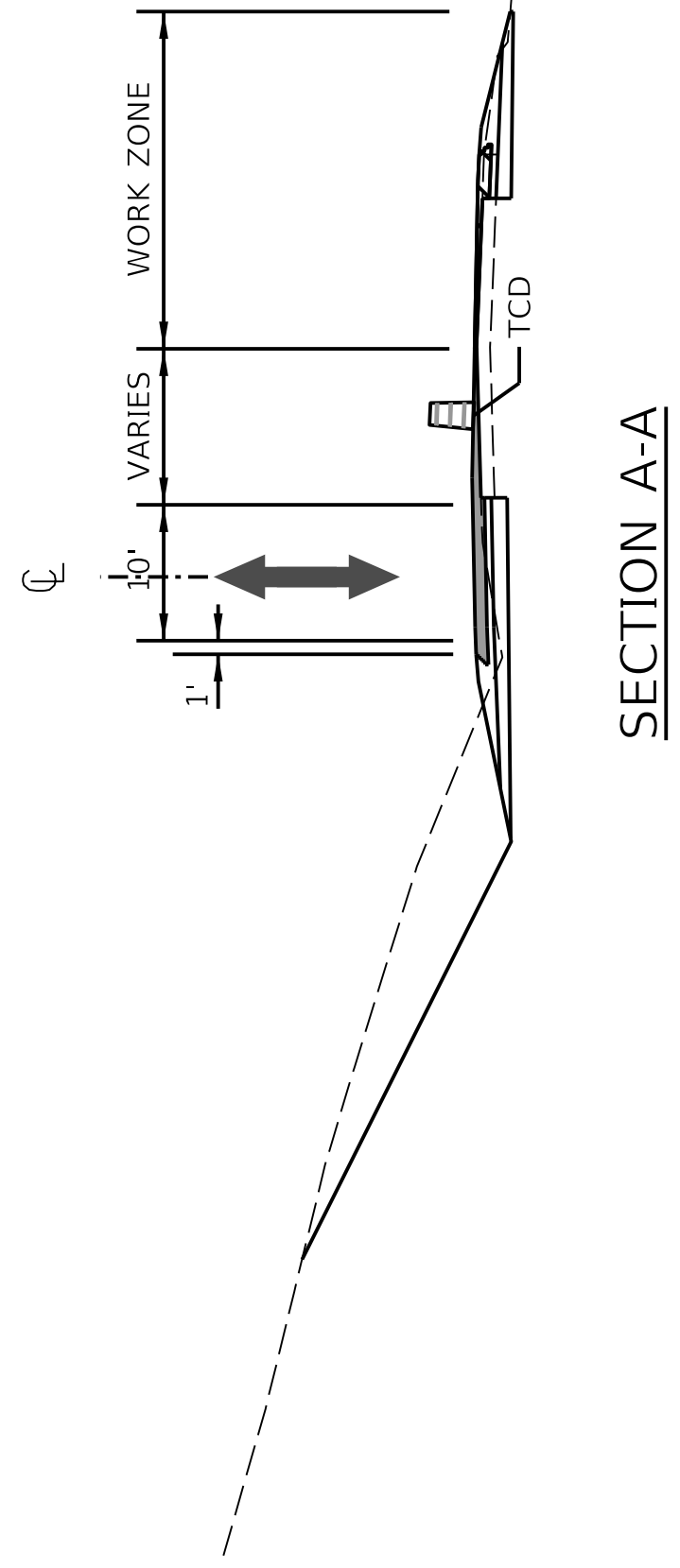


 <p>COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS</p>	 <p>US 150 DRAWING TITLE: MAINTENANCE OF TRAFFIC SHEET PHASE 3A</p>	<p>HORIZONTAL SCALE SCALE: 1" = 100'</p> 	<p>STA. 120+00 TO STA. 138+00</p>
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<p>USER: ewrake</p>		<p>ITEM NO. 04-396.20 COUNTY OF Washington SHEET NO. R70B</p>	

120+00 125+00 130+00 135+00



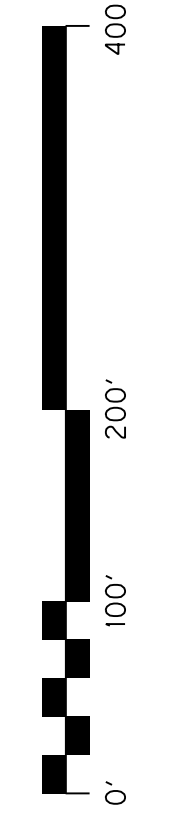
-  CONSTRUCTION THIS PHASE
-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

US 150
DRAWING TITLE: MAINTENANCE OF TRAFFIC SHEET
PHASE 3A

HORIZONTAL SCALE
SCALE: 1" = 100'



STA. 120+00 TO STA. 138+00

ITEM NO. 04-396.20 COUNTY OF Washington
SHEET NO. R70B

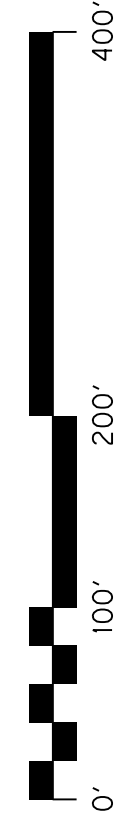


COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS



US 150
DRAWING TITLE: MAINTENANCE OF TRAFFIC SHEET
PHASE 3B

HORIZONTAL SCALE
SCALE: 1" = 100'



STA. 90+00 TO STA. 120+00

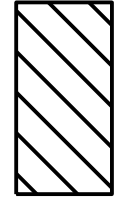
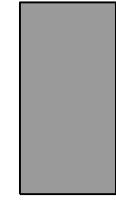
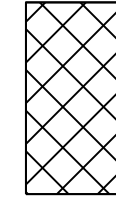
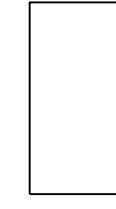
ITEM NO. 04-396.20 COUNTY OF Washington
SHEET NO. R70C

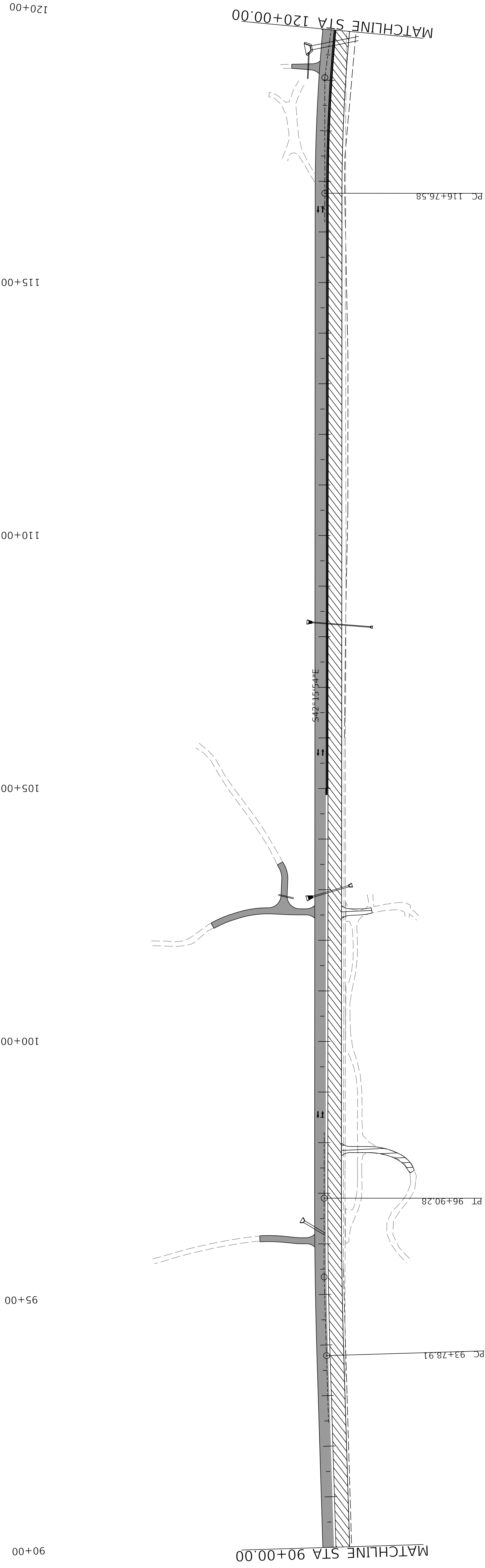
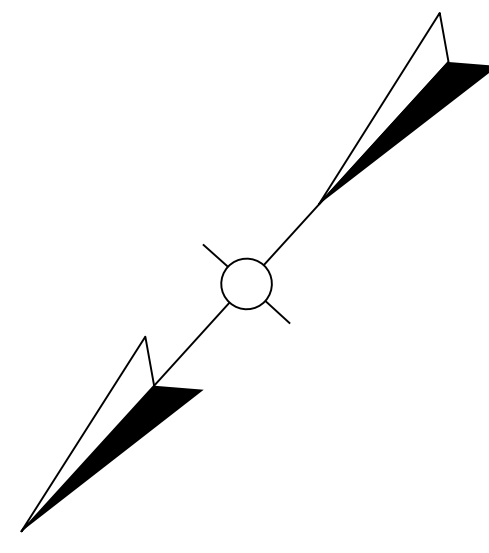
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USER: ewdrake

DATE PLOTTED: 9/7/2005 7:08:02 PM

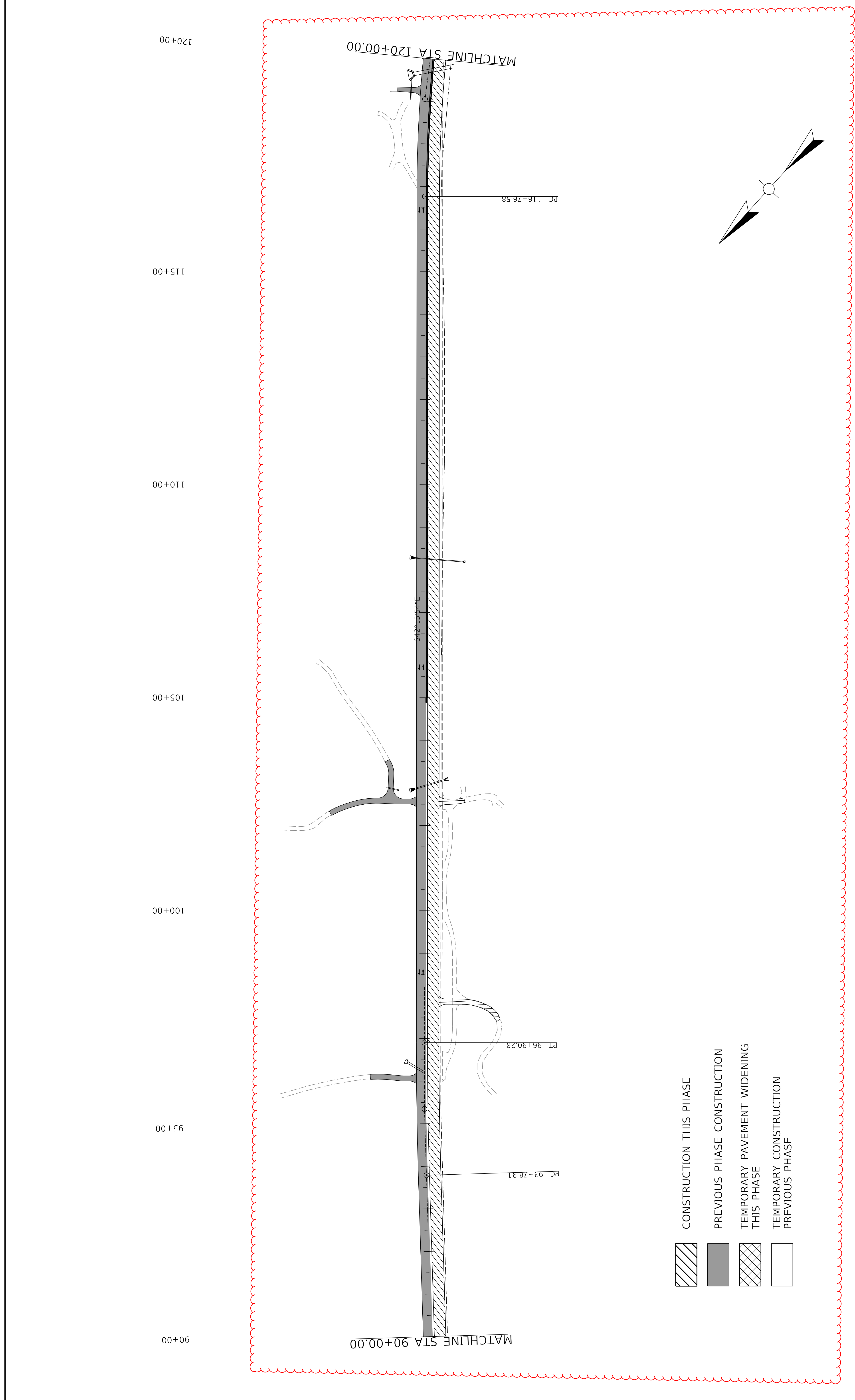
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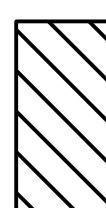
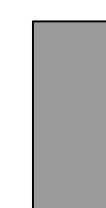
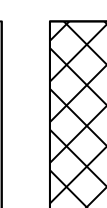
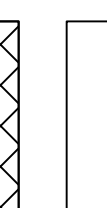
-  CONSTRUCTION THIS PHASE
-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE


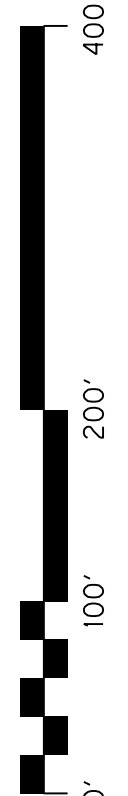


90+00 95+00 100+00 105+00 110+00 115+00 120+00

MATCHLINE STA 90+00.00 MATCHLINE STA 120+00.00
PC 93+78.91 PT 96+90.28 S42°15'54"E PC 116+76.58



-  CONSTRUCTION THIS PHASE
-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE

 COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS	US 150 DRAWING TITLE: MAINTENANCE OF TRAFFIC SHEET PHASE 3B	HORIZONTAL SCALE SCALE: 1" = 100' 	STA: 90+00 TO STA: 120+00 COUNTY OF Washington ITEM NO. 04-396.20 SHEET NO. R70C
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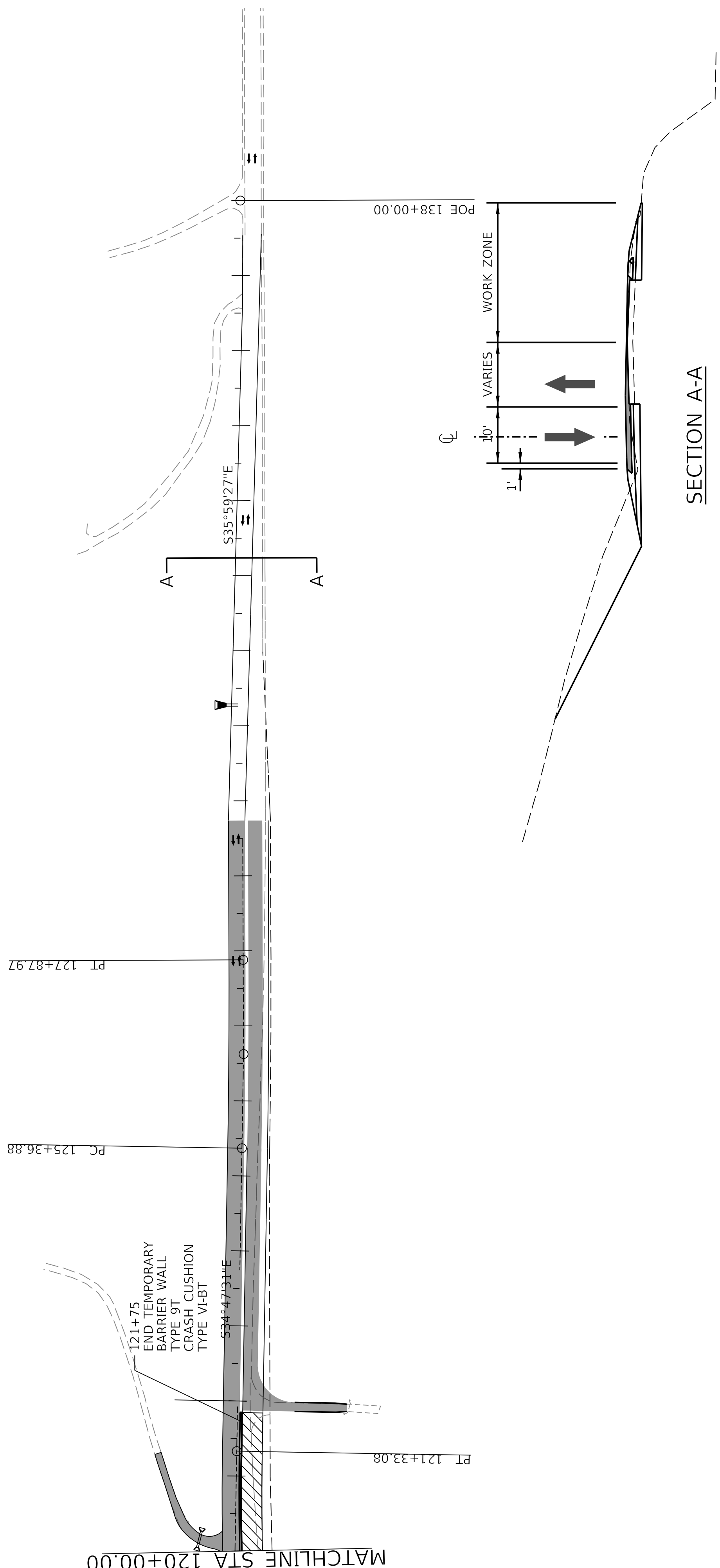
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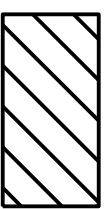

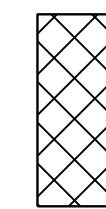

125+00

130+00

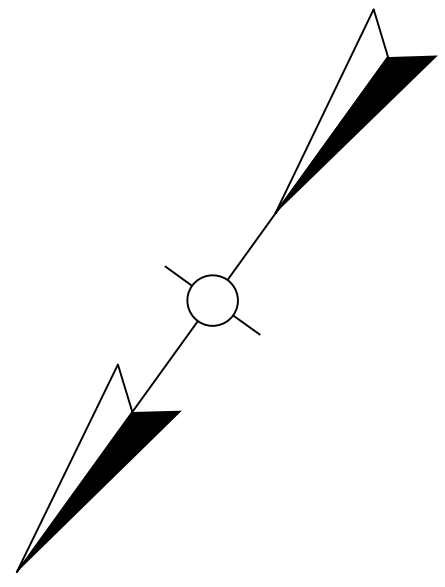
135+00

MATCHLINE STA 120+00.00



-  CONSTRUCTION THIS PHASE
-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
-  TEMPORARY CONSTRUCTION PREVIOUS PHASE

SECTION A-A

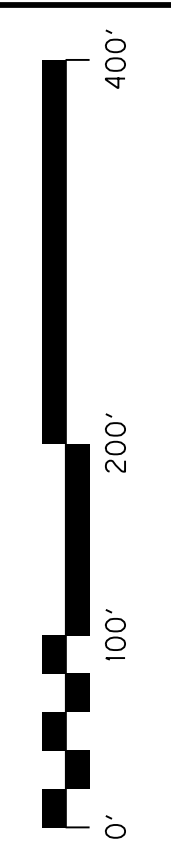


COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS



US 150
DRAWING TITLE: MAINTENANCE OF TRAFFIC SHEET
PHASE 3B

HORIZONTAL SCALE
SCALE: 1" = 100'



STA. 120+00 TO STA. 138+00

ITEM NO. 04-396.20 COUNTY OF Washington
SHEET NO. R70D

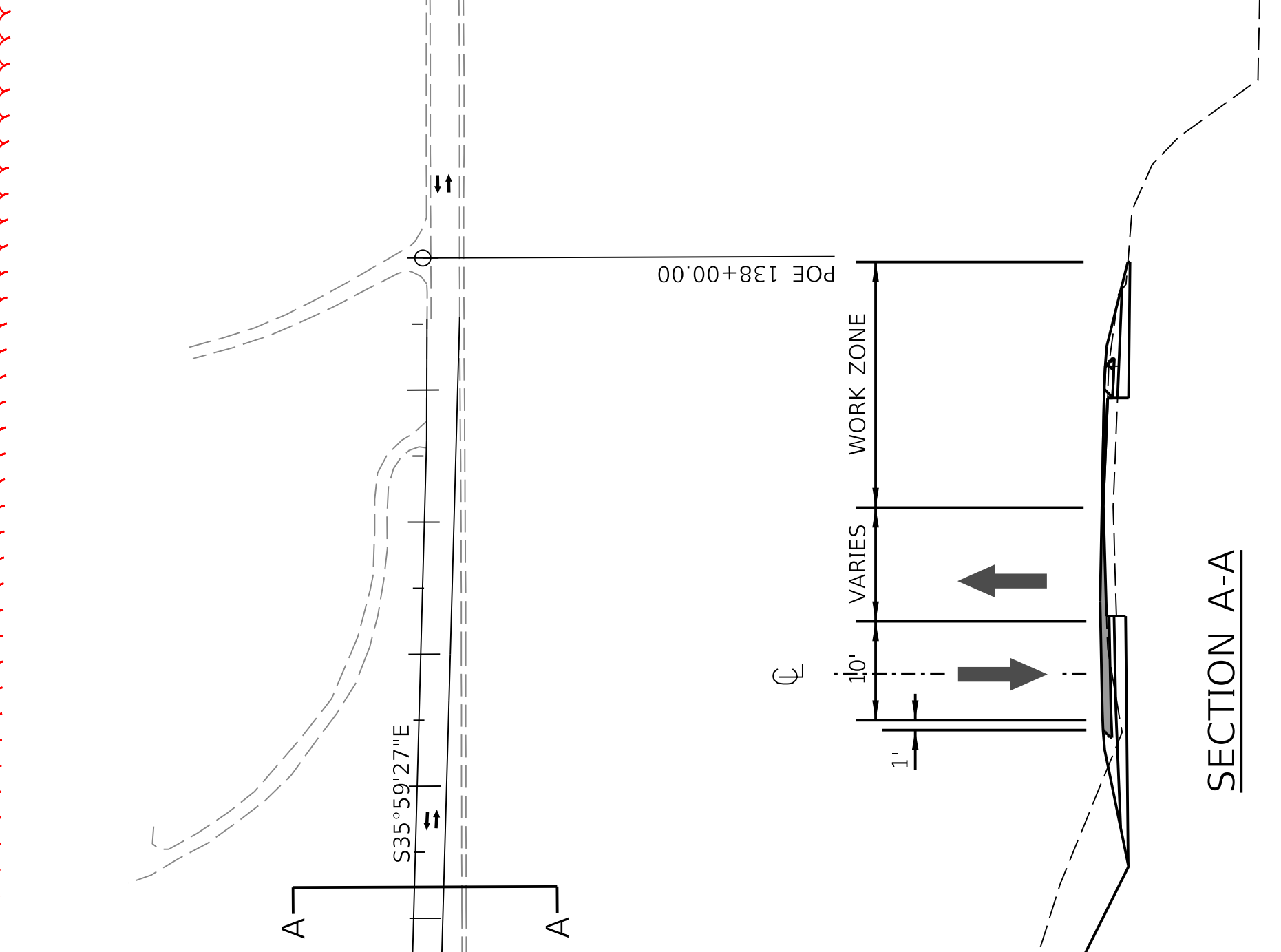
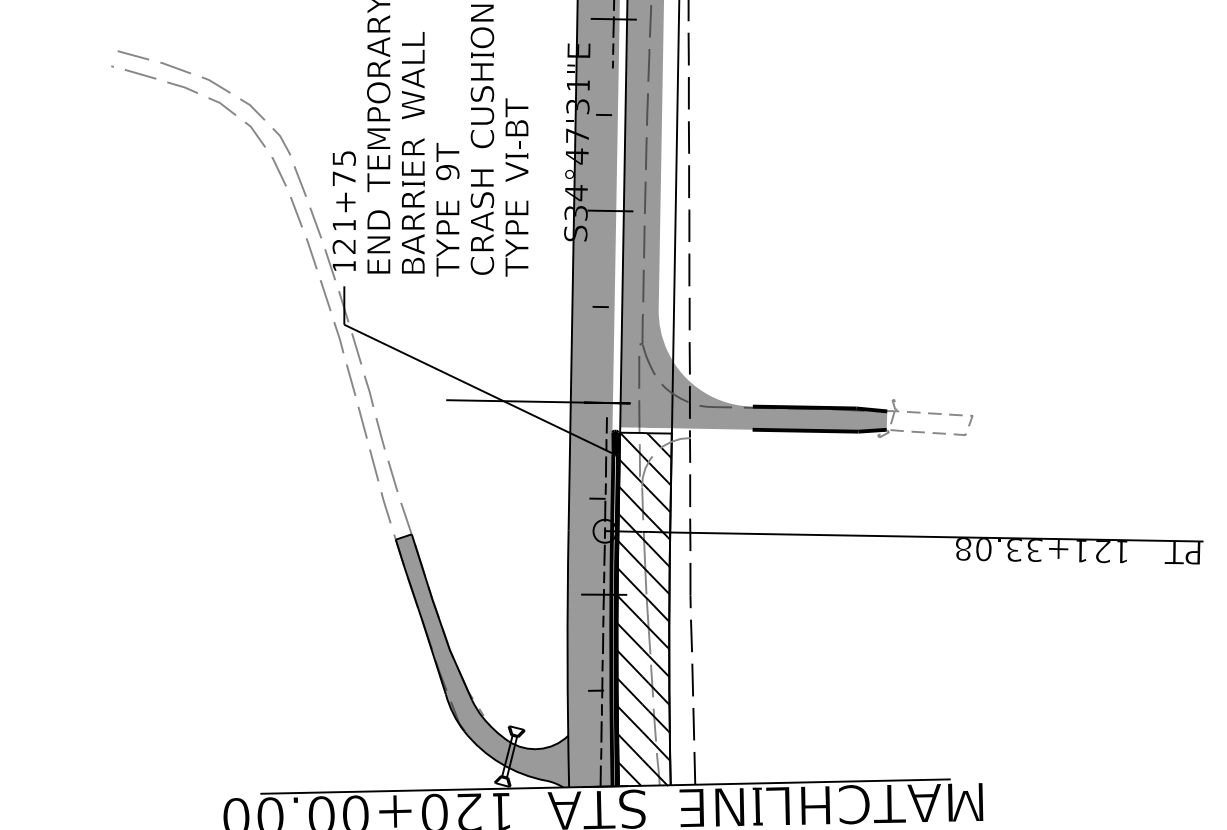
120+00

125+00

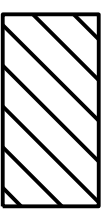

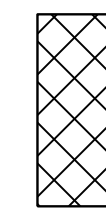

130+00

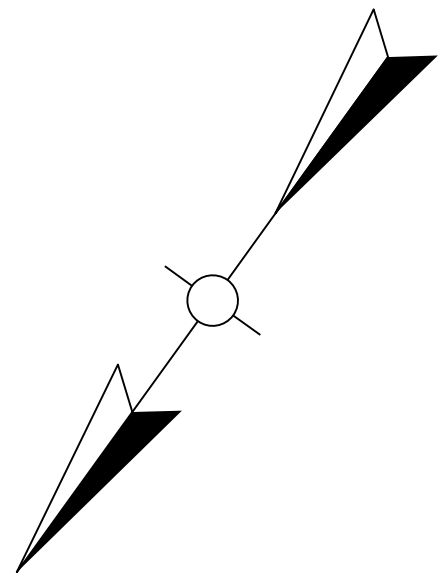
135+00

MATCHLINE STA 120+00.00



SECTION A-A

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-  PREVIOUS PHASE CONSTRUCTION
-  TEMPORARY PAVEMENT WIDENING THIS PHASE
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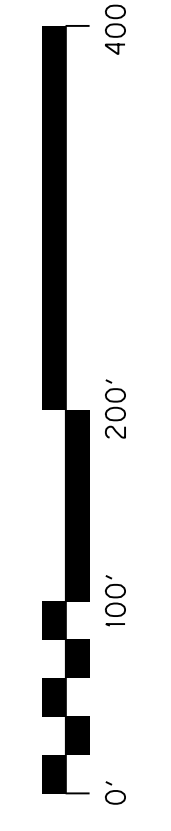


COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS



US 150
DRAWING TITLE: MAINTENANCE OF TRAFFIC SHEET
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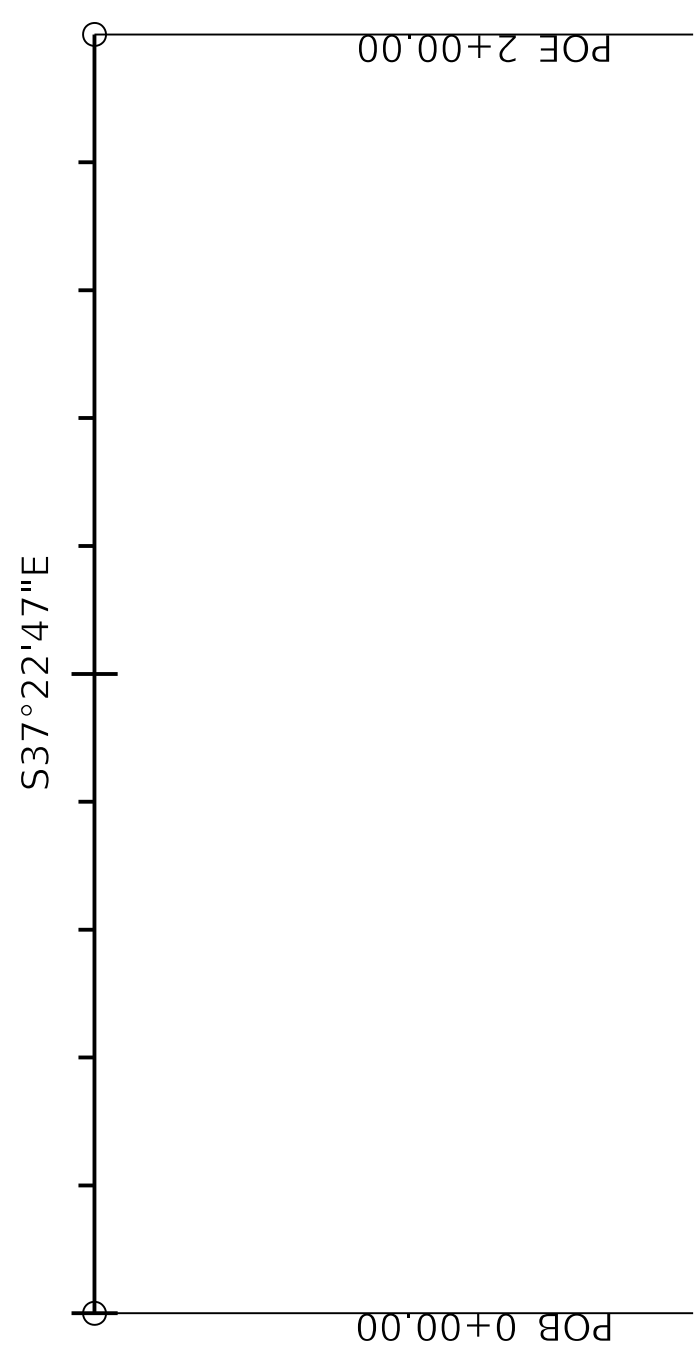


STA. 120+00 TO STA. 138+00

ITEM NO. 04-396.20 COUNTY OF Washington
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00+00

1+00



NOTES

DIMENSIONS AND ELEVATIONS SHOWN ARE APPROXIMATE AND INTENDED TO CONVEY ENOUGH INFORMATION TO DEVELOP DETAIL STRUCTURAL DRAWINGS AND BID DOCUMENTS. NO PAYMENT ADJUSTMENT WILL BE ALLOWED IF CONTRACTOR DESIRES TO MODIFY THIS LAYOUT.

ALL WORK TO CONSTRUCT LOCKING-BLOCK RETAINING WALL IS PAID UNDER THE BID ITEMS "RETAINING WALL," "STRUCTURE EXCAVATION - COMMON" AND "STRUCTURE GRANULAR BACKFILL." "RETAINING WALL" IS PAID PER SQFT AND COVERS ALL WORK TO CONSTRUCT THE STRUCTURE THAT IS NOT COVERED UNDER "STRUCTURE GRANULAR BACKFILL" OR "STRUCTURE EXCAVATION - COMMON." WORK INCLUDES LABOR AND MATERIALS TO CONSTRUCT FOUNDATION, STRUCTURE SECTIONS, JOINT SEALING, GROUTING, GEOTEXTILE FABRIC, AND ALL OTHER ITEMS REQUIRED BY MANUFACTURER. "STRUCTURE EXCAVATION ROCK" WILL BE MEASURED AND PAID FOR AS NEEDED.

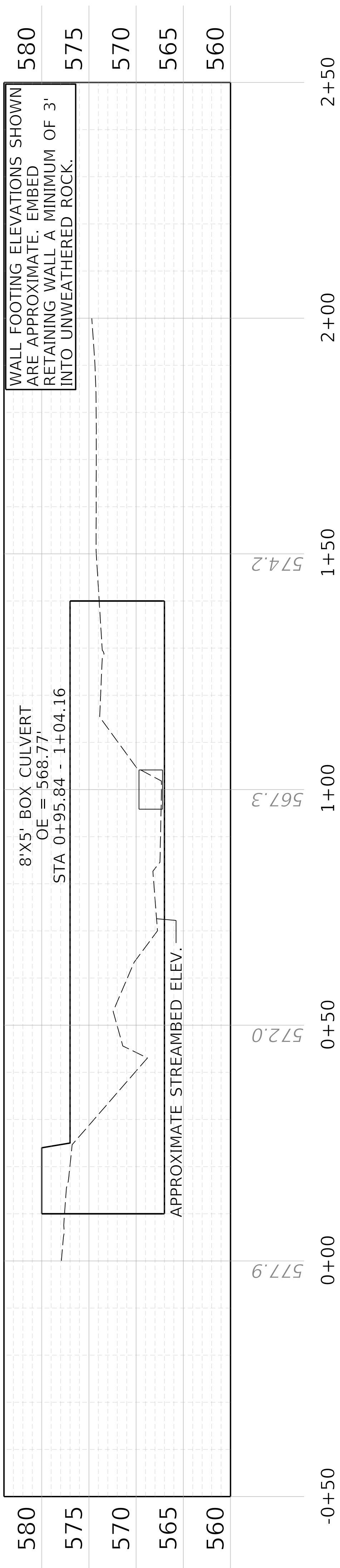
THE MANUFACTURER OR SUPPLIER SHALL SUBMIT SIX COPIES OF DETAILED SHOP DRAWINGS TO THE DIVISION OF CONSTRUCTION FOR REVIEW. UPON REVIEW, THE DRAWINGS SHALL BE REVISED AND RESUBMITTED AS STRUCTURE PLANS. BACKFILL REQUIREMENTS AND ALL SPECIFICATIONS THAT ARE CONTRARY TO THE KYTC STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SHALL BE SUBMITTED WITH STRUCTURAL DESIGN CALCULATIONS. ALLOW FOUR TO SIX WEEKS FOR REVIEW FOR THIS MATERIAL. THE CONTRACTOR SHALL CONFIRM SCHEDULING AND DELIVERY DATES WITH THE SUPPLIER TO ENSURE THAT PROJECT COMPLETION DATES WILL BE MET.

IF THE BEDROCK BECOMES SOFTENED AT BEARING ELEVATION, THE SOFTENED MATERIAL SHALL BE UNDERCUT TO UNWEATHERED MATERIAL PRIOR TO PLACING THE WALL. SEASONAL GROUNDWATER FLUCTUATIONS MAY CAUSE GROUNDWATER INFILTRATION INTO THE FOOTING EXCAVATIONS AND A DEWATERING METHOD MAY BE NECESSARY.

SOLID ROCK EXCAVATION WILL BE REQUIRED TO REACH REQUIRED FOOTING ELEVATIONS.

COFFERDAMS AND/OR DEWATERING METHODS MAY BE REQUIRED TO FACILITATE WALL CONSTRUCTION. THESE SHALL BE INCIDENTAL TO "RETAINING WALL" BID ITEM.

CODE	ITEM	UNITS	QUANTITY
2231	STRUCTURE GRANULAR BACKFILL	CUYD	333
8001	STRUCTURE EXCAVATION-COMMON	CUYD	275
8002	STRUCTURE EXCAVATION ROCK	CUYD	44
8018	RETAINING WALL	SQFT	1735



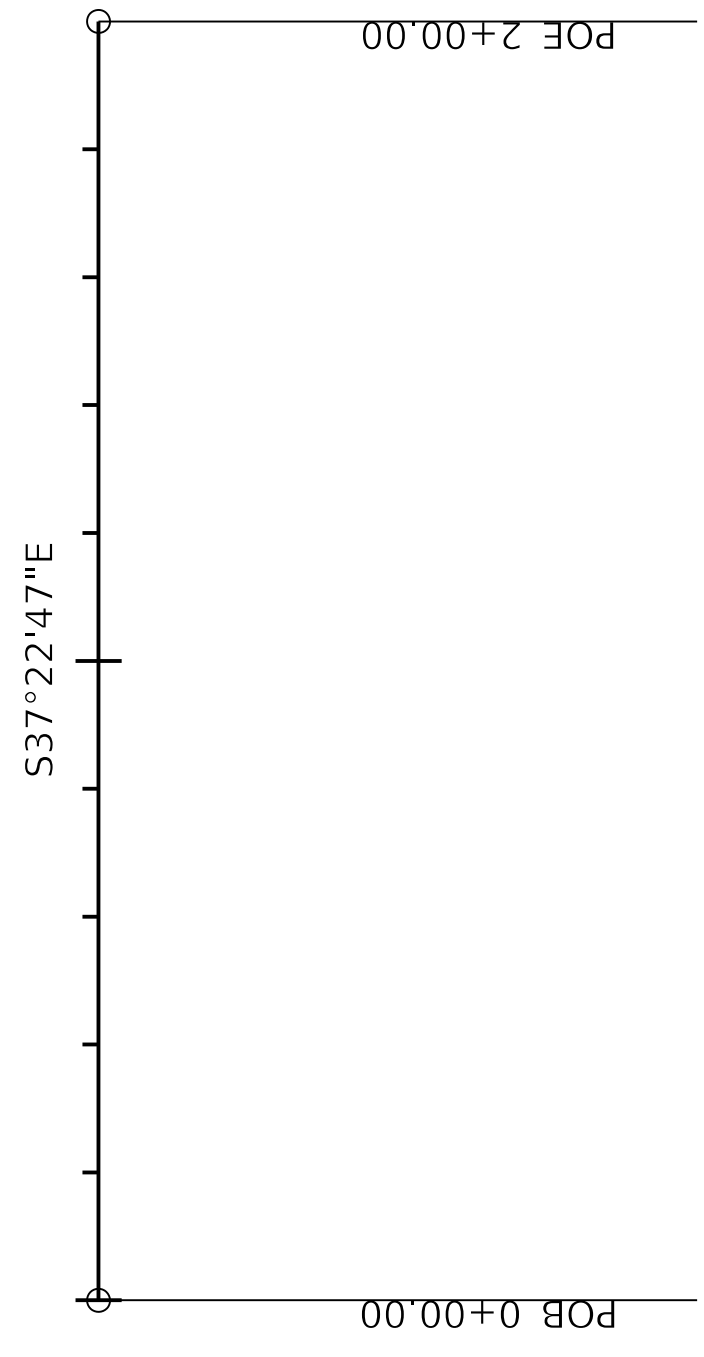
COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS



DRAWING TITLE: RETAINING WALL DETAIL SHEET

0+00

1+00



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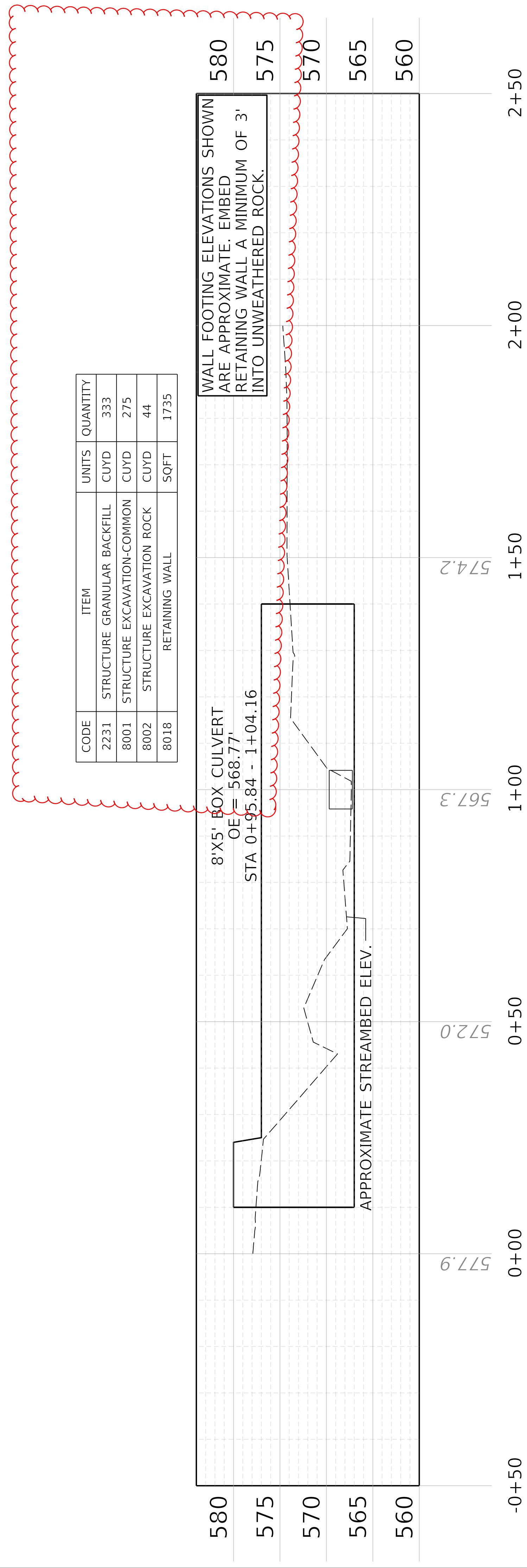
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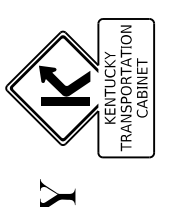
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COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS



DRAWING TITLE: RETAINING WALL DETAIL SHEET

DATE PLOTTED: 9/7/2005 7:08:02 PM

FILE NAME: C:\PW\WORKDIR\KYLE\RICED0117674\04_00396_20_R_RETAINING WALL DETAIL.DGN

ITEM NO. 04-396.20 COUNTY OF Washington
SHEET NO. R92A