



Andy Beshear
GOVERNOR

TRANSPORTATION CABINET

200 Mero Street
Frankfort, Kentucky 40601

Jim Gray
SECRETARY

May 14, 2024

CALL NO. 101
CONTRACT ID NO. 241105
ADDENDUM # 1

Subject: Franklin County, STP 6000207
Letting May 23, 2024

- (1) Revised - Proposal Bid Items - Pages 134-137 of 137
- (2) Revised - Plan Sheets - R002, R002A, R002B, R002C, R002F, R002G, R002H, R002I, T2

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

241105

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Report Date 5/14/24

Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00003		CRUSHED STONE BASE	5,385.00	TON		\$	
0020	00100		ASPHALT SEAL AGGREGATE	16.00	TON		\$	
0030	00103		ASPHALT SEAL COAT	2.00	TON		\$	
0040	00194		LEVELING & WEDGING PG76-22	376.00	TON		\$	
0050	00212		CL2 ASPH BASE 1.00D PG64-22	325.00	TON		\$	
0060	00214		CL3 ASPH BASE 1.00D PG64-22	909.00	TON		\$	
0070	00217		CL4 ASPH BASE 1.00D PG64-22	1,007.00	TON		\$	
0080	00219		CL4 ASPH BASE 1.00D PG76-22	1,867.00	TON		\$	
0110	00342		CL4 ASPH SURF 0.38A PG76-22 (REVISED 5-14-2024)	3,495.00	TON		\$	
0120	02677		ASPHALT PAVE MILLING & TEXTURING	2,839.00	TON		\$	
0130	24970EC		ASPHALT MATERIAL FOR TACK NON- TRACKING	23.00	TON		\$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0140	00078		CRUSHED AGGREGATE SIZE NO 2	201.00	TON		\$	
0150	01000		PERFORATED PIPE-4 IN	765.00	LF		\$	
0160	01010		NON-PERFORATED PIPE-4 IN	10.00	LF		\$	
0170	01020		PERF PIPE HEADWALL TY 1-4 IN	1.00	EACH		\$	
0180	01310		REMOVE PIPE	250.00	LF		\$	
0190	01585		REMOVE DROP BOX INLET	1.00	EACH		\$	
0200	01810		STANDARD CURB AND GUTTER	1,470.00	LF		\$	
0210	01904		REMOVE CURB	95.00	LF		\$	
0220	01917		STANDARD BARRIER MEDIAN TYPE 2	213.00	SQYD		\$	
0230	01921		STANDARD BARRIER MEDIAN TYPE 4	312.00	SQYD		\$	
0240	01923		STANDARD BARRIER MEDIAN TYPE 5	818.00	SQYD		\$	
0250	01982		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	13.00	EACH		\$	
0260	01983		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL YELLOW	15.00	EACH		\$	
0270	02014		BARRICADE-TYPE III	12.00	EACH		\$	
0280	02091		REMOVE PAVEMENT	5,152.00	SQYD		\$	
0290	02159		TEMP DITCH	2,810.00	LF		\$	
0300	02160		CLEAN TEMP DITCH	1,405.00	LF		\$	
0310	02165		REMOVE PAVED DITCH	177.00	SQYD		\$	
0320	02230		EMBANKMENT IN PLACE	63,240.00	CUYD		\$	
0330	02351		GUARDRAIL-STEEL W BEAM-S FACE	1,937.50	LF		\$	
0340	02367		GUARDRAIL END TREATMENT TYPE 1	3.00	EACH		\$	
0350	02369		GUARDRAIL END TREATMENT TYPE 2A	3.00	EACH		\$	
0360	02381		REMOVE GUARDRAIL	1,000.00	LF		\$	
0370	02429		RIGHT-OF-WAY MONUMENT TYPE 1	1.00	EACH		\$	
0380	02432		WITNESS POST	1.00	EACH		\$	
0390	02483		CHANNEL LINING CLASS II	693.00	TON		\$	
0400	02484		CHANNEL LINING CLASS III	1,218.00	TON		\$	

PROPOSAL BID ITEMS

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0410	02545		CLEARING AND GRUBBING 7 ACRES	1.00	LS		\$	
0420	02562		TEMPORARY SIGNS	500.00	SQFT		\$	
0430	02602		FABRIC-GEOTEXTILE CLASS 1	3,478.00	SQYD		\$	
0440	02625		REMOVE HEADWALL	10.00	EACH		\$	
0445	02650		MAINTAIN & CONTROL TRAFFIC (ADDED 5-14-2024)	1.00	LS		\$	
0450	02671		PORTABLE CHANGEABLE MESSAGE SIGN	6.00	EACH		\$	
0460	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		\$	
0470	02697		EDGE LINE RUMBLE STRIPS	3,335.00	LF		\$	
0480	02701		TEMP SILT FENCE	2,701.00	LF		\$	
0490	02703		SILT TRAP TYPE A	39.00	EACH		\$	
0500	02704		SILT TRAP TYPE B	39.00	EACH		\$	
0510	02705		SILT TRAP TYPE C	39.00	EACH		\$	
0520	02706		CLEAN SILT TRAP TYPE A	39.00	EACH		\$	
0530	02707		CLEAN SILT TRAP TYPE B	39.00	EACH		\$	
0540	02708		CLEAN SILT TRAP TYPE C	39.00	EACH		\$	
0550	02720		SIDEWALK-4 IN CONCRETE	40.00	SQYD		\$	
0560	02726		STAKING	1.00	LS		\$	
0570	05950		EROSION CONTROL BLANKET	139.00	SQYD		\$	
0580	05952		TEMP MULCH	124,321.00	SQYD		\$	
0590	05953		TEMP SEEDING AND PROTECTION	93,194.00	SQYD		\$	
0600	05963		INITIAL FERTILIZER	6.30	TON		\$	
0610	05964		MAINTENANCE FERTILIZER	3.80	TON		\$	
0620	05985		SEEDING AND PROTECTION	121,339.00	SQYD		\$	
0630	05990		SODDING	60.00	SQYD		\$	
0640	05992		AGRICULTURAL LIMESTONE	75.20	TON		\$	
0650	06401		FLEXIBLE DELINEATOR POST-M/W	72.00	EACH		\$	
0655	06511		PAVE STRIPING-TEMP PAINT-6 IN (ADDED 5-14-2024)	18,260.00	LF		\$	
0660	06542		PAVE STRIPING-THERMO-6 IN W	22,650.00	LF		\$	
0670	06543		PAVE STRIPING-THERMO-6 IN Y	8,770.00	LF		\$	
0680	06546		PAVE STRIPING-THERMO-12 IN W	3,195.00	LF		\$	
0690	06547		PAVE STRIPING-THERMO-12 IN Y	80.00	LF		\$	
0700	06556		PAVE STRIPING-DUR TY 1-6 IN W	1,820.00	LF		\$	
0710	06557		PAVE STRIPING-DUR TY 1-6 IN Y	605.00	LF		\$	
0720	06568		PAVE MARKING-THERMO STOP BAR-24IN	340.00	LF		\$	
0730	06569		PAVE MARKING-THERMO CROSS-HATCH	9,970.00	SQFT		\$	
0740	06574		PAVE MARKING-THERMO CURV ARROW	65.00	EACH		\$	
0750	06575		PAVE MARKING-THERMO COMB ARROW	2.00	EACH		\$	
0760	06600		REMOVE PAVEMENT MARKER TYPE V	204.00	EACH		\$	
0770	06601NC		PAVE MARKING-PAINT WORDS	4.00	EACH		\$	
0780	06613		INLAID PAVEMENT MARKER-B W/R	172.00	EACH		\$	
0790	06614		INLAID PAVEMENT MARKER-B Y/R	117.00	EACH		\$	
0800	10020NS		FUEL ADJUSTMENT	24,708.00	DOLL	\$1.00	\$	\$24,708.00
0810	10030NS		ASPHALT ADJUSTMENT	29,725.00	DOLL	\$1.00	\$	\$29,725.00
0820	20191ED		OBJECT MARKER TY 3	3.00	EACH		\$	
0830	20411ED		LAW ENFORCEMENT OFFICER	250.00	HOUR		\$	
0840	21289ED		LONGITUDINAL EDGE KEY	4,841.00	LF		\$	
0850	22664EN		WATER BLASTING EXISTING STRIPE (REVISED 5-14-2024)	9,480.00	LF		\$	

PROPOSAL BID ITEMS

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LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0860	22665EN		REMOVE NON-MOUNTABLE MEDIAN	3,402.00	SQYD		\$	
0870	23158ES505		DETECTABLE WARNINGS	23.00	SQFT		\$	
0880	23261EC		PAVE MARK-THERMO-X-WALK-24 IN	365.00	LF		\$	
0890	23607EC		PAVE MARK THERMO-LANE REDUCTION ARROW	2.00	EACH		\$	
0910	24689EC		PAVE MARK THERMO-WRONG WAY ARROW	3.00	EACH		\$	
0920	26146ES717		PAVE MARK TY 1 TAPE LANE REDUCTION ARROW	4.00	EACH		\$	

Section: 0003 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0930	00462		CULVERT PIPE-18 IN	105.00	LF		\$	
0940	00466		CULVERT PIPE-30 IN	143.00	LF		\$	
0950	00521		STORM SEWER PIPE-15 IN	241.00	LF		\$	
0960	00522		STORM SEWER PIPE-18 IN	853.00	LF		\$	
0970	01015		INSPECT & CERTIFY EDGE DRAIN SYSTEM	1.00	LS		\$	
0980	01204		PIPE CULVERT HEADWALL-18 IN	2.00	EACH		\$	
0990	01210		PIPE CULVERT HEADWALL-30 IN	2.00	EACH		\$	
1000	01444		SLOPED AND PARALLEL HEADWALL-18 IN	2.00	EACH		\$	
1010	01450		S & F BOX INLET-OUTLET-18 IN	2.00	EACH		\$	
1020	01456		CURB BOX INLET TYPE A	1.00	EACH		\$	
1030	01480		CURB BOX INLET TYPE B	3.00	EACH		\$	
1040	01490		DROP BOX INLET TYPE 1	1.00	EACH		\$	
1050	01496		DROP BOX INLET TYPE 3	1.00	EACH		\$	
1060	01650		JUNCTION BOX	2.00	EACH		\$	
1070	01690		FLUME INLET TYPE 1	1.00	EACH		\$	
1080	01691		FLUME INLET TYPE 2	3.00	EACH		\$	
1090	01756		MANHOLE TYPE A	3.00	EACH		\$	
1100	01761		MANHOLE TYPE B	1.00	EACH		\$	
1110	01791		ADJUST MANHOLE FRAME TO GRADE	1.00	EACH		\$	
1120	02607		FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	1,997.00	SQYD	\$2.00	\$	\$3,994.00
1130	02690		SAFELoading	9.00	CUYD	\$502.41	\$	\$4,521.71
1140	08100		CONCRETE-CLASS A	1.00	CUYD		\$	
1150	15093		S MANHOLE ABANDON/REMOVE	1.00	EACH		\$	
1160	24814EC		PIPELINE INSPECTION	1,342.00	LF		\$	

Section: 0004 - SIGNING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1170	06406		SBM ALUM SHEET SIGNS .080 IN	112.00	SQFT		\$	
1180	06407		SBM ALUM SHEET SIGNS .125 IN	280.00	SQFT		\$	
1190	06410		STEEL POST TYPE 1	517.00	LF		\$	
1200	21596ND		GMSS TYPE D	7.00	EACH		\$	
1210	24631EC		BARCODE SIGN INVENTORY	37.00	EACH		\$	

0 4 0005 SIGNALIZATION

PROPOSAL BID ITEMS

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Section: 0005 - SIGNALIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1220	04792		CONDUIT-1 IN	208.00	LF		\$	
1225	04793		CONDUIT-1 1/4 IN (ADDED 5-14-2024)	10.00	LF		\$	
1230	04811		ELECTRICAL JUNCTION BOX TYPE B	2.00	EACH		\$	
1240	04820		TRENCHING AND BACKFILLING	238.00	LF		\$	
1250	04844		CABLE-NO. 14/5C	2,203.00	LF		\$	
1260	04884		ANCHOR	8.00	EACH		\$	
1270	04886		MESSENGER-15400 LB	640.00	LF		\$	
1280	04932		INSTALL STEEL STRAIN POLE	4.00	EACH		\$	
1290	20093NS835		INSTALL PEDESTRIAN HEAD-LED	3.00	EACH		\$	
1300	20188NS835		INSTALL LED SIGNAL-3 SECTION	10.00	EACH		\$	
1310	20266ES835		INSTALL LED SIGNAL- 4 SECTION	2.00	EACH		\$	
1320	20390NS835		INSTALL COORDINATING UNIT	1.00	EACH		\$	
1330	20457NS835		INSTALL PED DETECTOR-AUDIBLE	3.00	EACH		\$	
1340	21659NN		RELOCATE SIGNAL HEAD	4.00	EACH		\$	
1350	23157EN		TRAFFIC SIGNAL POLE BASE	19.00	CUYD		\$	
1355	23222EC		INSTALL SIGNAL PEDESTAL (ADDED 5-14-2024)	2.00	EACH		\$	
1360	24900EC		PVC CONDUIT-1 1/4 IN-SCHEDULE 80	28.00	LF		\$	
1370	24901EC		PVC CONDUIT-2 IN-SCHEDULE 80	100.00	LF		\$	
1380	24908EC		INSTALL SIGNAL CONTROLLER-TY ATC	1.00	EACH		\$	
1390	26119EC		INSTALL RADAR PRESENCE DETECTOR TYPE A	3.00	EACH		\$	
1400	26120EC		INSTALL RADAR ADVANCE DETECTOR TYPE B	1.00	EACH		\$	

Section: 0006 - LIGHTING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1410	04714		POLE 120 FT MTG HT HIGH MAST	2.00	EACH		\$	
1420	04761		LIGHTING CONTROL EQUIPMENT	1.00	EACH		\$	
1430	04800		MARKER	2.00	EACH		\$	
1440	04811		ELECTRICAL JUNCTION BOX TYPE B	4.00	EACH		\$	
1450	04820		TRENCHING AND BACKFILLING	1,240.00	LF		\$	
1460	04834		WIRE-NO. 6	530.00	LF		\$	
1470	04862		CABLE-NO. 4/3C DUCTED	1,550.00	LF		\$	
1480	04940		REMOVE LIGHTING	1.00	LS		\$	
1490	23161EN		POLE BASE-HIGH MAST	18.00	CUYD		\$	
1500	24751ED		REMOVE STORE & REINSTALL (HIGH MAST LED LUMINAIRE)	14.00	EACH		\$	
1510	24902EC		PVC CONDUIT-3 IN-SCHEDULE 80	116.00	LF		\$	

Section: 0007 - DEMOBILIZATION &/OR MOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1520	02568		MOBILIZATION	1.00	LS		\$	
1530	02569		DEMOBILIZATION	1.00	LS		\$	

TABLE 1: OUTSIDE EDGE OF PAVEMENT OFFSETS

LT	STATION	RT
35	111+65	45
	117+00	45
	121+53	55
35	126+55	
	128+13	47
42	129+70	
42	132+73	47
49	134+17	38
49	136+30	
39	137+30	
	138+65	33
	139+65	50
24	140+60	
24	141+63	50

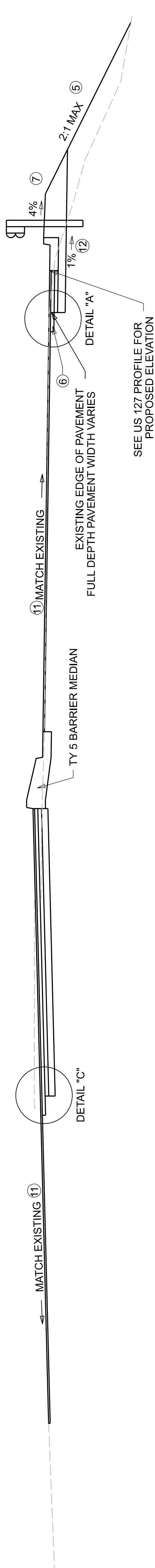
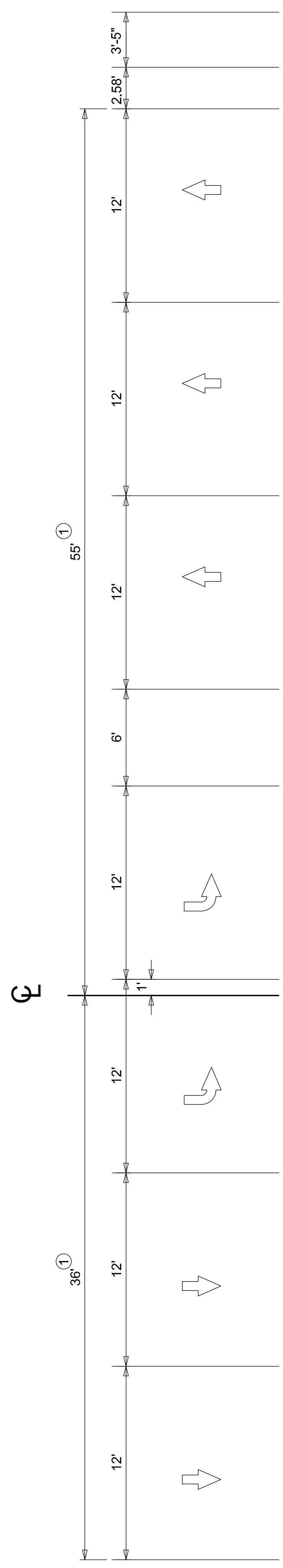
TABLE 2: INSIDE EDGE OF PAVEMENT OFFSETS

SB	STATION	NB
-11	118+34	-3
-11	119+76	-3
PADDOCKS ENTRANCE		
+12	121+53	+19
+12	124+53	+19
+1	125+53	
+1	127+73	+11.89
+1	128+13	
-18	129+70	-12
-18	132+73	-12
LEONARWOOD VESTRIDGE		
+8	134+19	+14
+8	139+60	+14
0	140+60	+6
0	141+60	+6

NOTES:

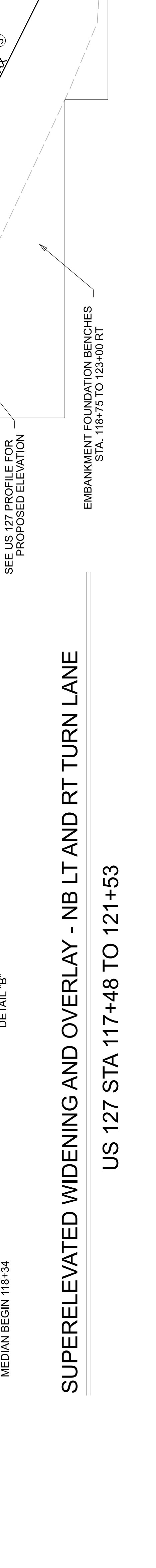
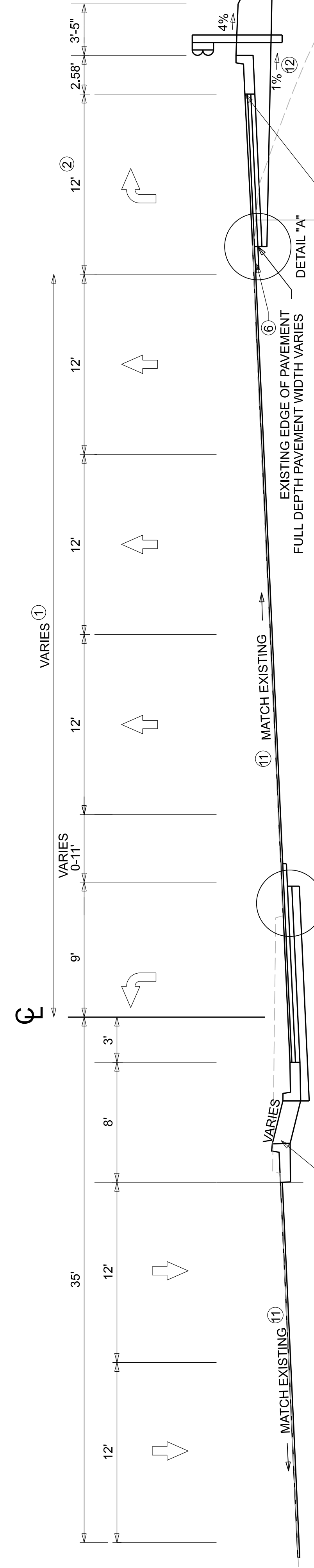
- WIDTH VARIES. SEE TABLE 1; OUTSIDE EDGE OF PAVEMENT OFFSETS OR TABLE 2; INSIDE EDGE OF PAVEMENT
- RIGHT TURN LANE TAPER FROM 0 FT. 12 FT. FROM STATION 118+52.88 TO 119+00. RIGHT TURN LANE 119+00 TO 119+88.
- STA 136+20 TO STA 140+60 TYPE 2 BARRIER MEDIAN
- WIDEN 1 FOOT AND 5 INCHES FOR GUARDRAIL
- SEE CROSS-SECTIONS FOR SLOPES OUTSIDE LIMITS OF BERM/SHOULDER.
- CONSTRUCT LONGITUDINAL EDGE KEY (MIN. 1" WIDE) AT INTERFACE BETWEEN EXISTING AND NEW PAVEMENT. SAWCUT OF EX PAVEMENT IS INCIDENTAL TO THIS ITEM.
- ASPHALT SEAL REQUIRED FROM EDGE OF PAVED SHOULDER TO A POINT 2' DOWN THE DITCH OR FILL SLOPE. TWO APPLICATIONS OF THE FOLLOWING ARE REQUIRED:
ASPHALT SEAL COAT 2.4 LB/SQ. YD.
ASPHALT SEAL AGGREGATE 20 LB/SQ. YD. (SIZE NO. 8 OR 9)
- UNDERCUT EXISTING DITCHES WHEN WIDENED PAVEMENT WILL BE OVER TOP UNDERCUT SHOULD BE APPROXIMATELY 18" IN DEPTH.
- STANDARD 4 INCH PERFORATED PIPE UNDERDRAIN FROM STATION 125+00 TO STATION 132+73. SEE DRAWING RDP-005-05 FOR TRENCH DETAILS.
- GRADE FILL BERM FROM STATION 125+00 TO 128+65.
- RESURFACE WITH MILL & OVERLAY OF 1.5 INCHES FROM STATION 111+65.51 TO STATION 141+66.36
- ON HIGH SIDE OF SUPERELEVATION, SLOPE SUBGRADE A MINIMUM OF 1% TO OUTSIDE. CSB LATER TO BE VARIABLE DEPTH

- PROPOSED WIDENING (FULL DEPTH)
- 6.0" CSB
 - 3.5" CL3 ASPH BASE 1.0D PG64-22
 - 3.0" CL4 ASPH BASE 1.0D PG76-22
 - 1.5" CL4 ASPH SURF 0.38A PG76-22
- EXISTING TRAFFIC LANES RESURFACE
- PAVEMENT MILLING & TEXTURING
 - 1.5" CL4 ASPH SURF 0.38A PG76-22
- USE ASPH LEVELLING & WEDGING PG76-22 IF NEEDED FOR MEDIAN REMOVAL & PAVEMENT RECONSTRUCTION AREAS



SUPERELEVATED WIDENING AND OVERLAY - SB DUAL LT TURN LANES

US 127 STA 121+53 TO 125+53



SUPERELEVATED WIDENING AND OVERLAY - NB LT AND RT TURN LANE

US 127 STA 117+48 TO 121+53

TABLE 1: OUTSIDE EDGE OF PAVEMENT OFFSETS

LT	STATION	RT
35	111+65	45
	117+00	45
	121+53	55
35	126+55	
	128+13	47
42	129+70	
42	132+73	47
49	134+17	38
49	136+30	
39	137+30	
	138+65	33
	139+65	50
24	140+60	
24	141+63	50

TABLE 2: INSIDE EDGE OF PAVEMENT OFFSETS

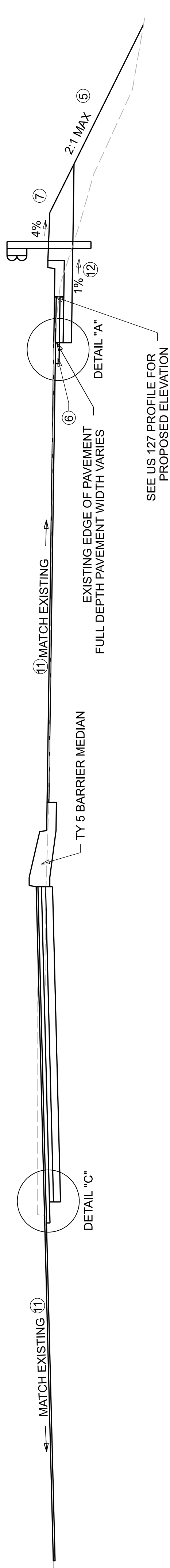
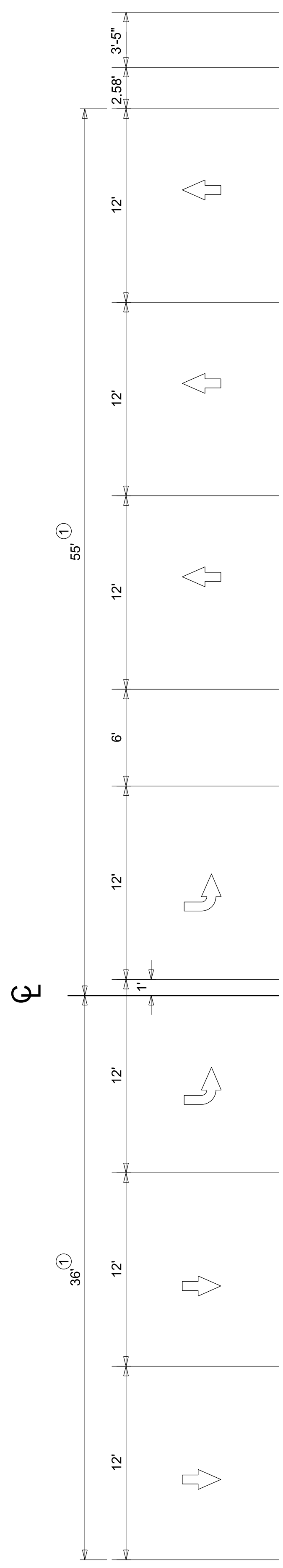
SB	STATION	NB
-11	118+34	-3
-11	119+76	-3
PADDOCKS ENTRANCE		
+12	121+53	+19
+12	124+53	+19
+1	125+53	
+1	127+73	+11.89
+1	128+13	
-18	129+70	-12
-18	132+73	-12
LEONARWOOD VESTRIDGE		
+8	134+19	+14
+8	139+60	+14
0	140+60	+6
0	141+60	+6

REVISED 5-13-2024

NOTES:

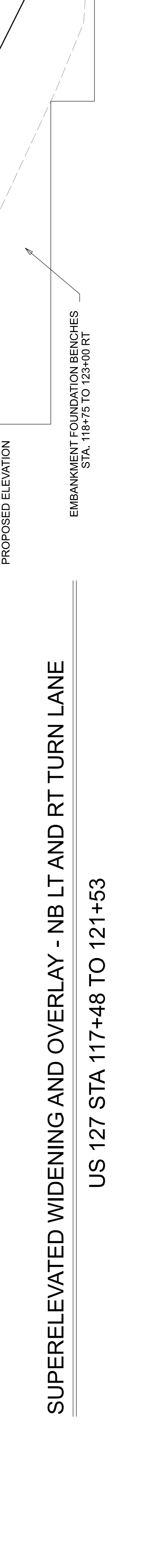
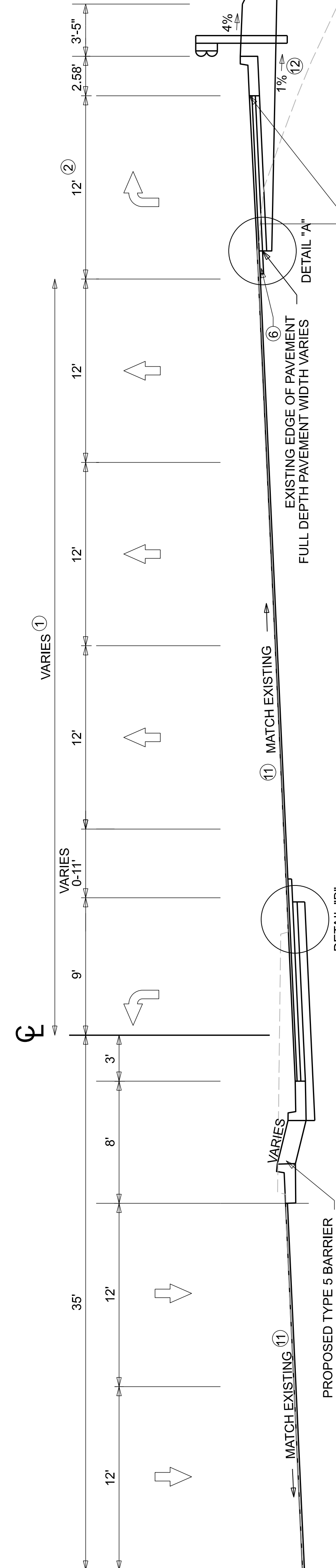
- WIDTH VARIES. SEE TABLE 1; OUTSIDE EDGE OF PAVEMENT OFFSETS OR TABLE 2; INSIDE EDGE OF PAVEMENT
- RIGHT TURN LANE TAPER FROM 0 FT. 12 FT. FROM STATION 118+52.88 TO 119+00. RIGHT TURN LANE 119+00 TO 119+88.
- STA 136+20 TO STA 140+60 TYPE 2 BARRIER MEDIAN
- WIDEN 1 FOOT AND 5 INCHES FOR GUARDRAIL
- SEE CROSS-SECTIONS FOR SLOPES OUTSIDE LIMITS OF BERM/SHOULDER.
- CONSTRUCT LONGITUDINAL EDGE KEY (MIN. 4" WIDE) AT INTERFACE BETWEEN EXISTING AND NEW PAVEMENT. REQUIRED SAWCUT OF EX PAVEMENT IS INCIDENTAL TO THIS ITEM.
- ASPHALT SEAL REQUIRED FROM EDGE OF PAVED SHOULDER TO A POINT 2' DOWN THE DITCH OR FILL SLOPE. TWO APPLICATIONS OF THE FOLLOWING ARE REQUIRED:
ASPHALT SEAL COAT 2.4 LB/SQ. YD.
ASPHALT SEAL AGGREGATE 20 LB/SQ. YD. (SIZE NO. 8 OR 9)
- UNDERCUT EXISTING DITCHES WHEN WIDENED PAVEMENT WILL BE OVER TOP UNDERCUT SHOULD BE APPROXIMATELY 18" IN DEPTH.
- STANDARD 4 INCH PERFORATED PIPE UNDERDRAIN FROM STATION 125+00 TO STATION 132+73. SEE DRAWING RDP-005-05 FOR TRENCH DETAILS.
- GRADE FILL BERM FROM STATION 125+00 TO 128+65.
- RESURFACE WITH MILL & OVERLAY OF 1.5 INCHES FROM STATION 111+65.51 TO STATION 141+66.96
- ON HIGH SIDE OF SUPERELEVATION, SLOPE SUBGRADE A MINIMUM OF 1% TO OUTSIDE. CSB LATER TO BE VARIABLE DEPTH

- PROPOSED WIDENING (FULL DEPTH)
- 6.0" CSB
 - 3.5" CL3 ASPH BASE 1.0D PG64-22
 - 3.0" CL4 ASPH BASE 1.0D PG76-22
 - 1.5" CL4 ASPH SURF 0.38A PG76-22
- EXISTING TRAFFIC LANES RESURFACE
- PAVEMENT MILLING & TEXTURING
 - 1.5" CL4 ASPH SURF 0.38A PG76-22
- USE ASPH LEVELLING & WEDGING PG76-22 IF NEEDED FOR MEDIAN REMOVAL & PAVEMENT RECONSTRUCTION AREAS



SUPERELEVATED WIDENING AND OVERLAY - SB DUAL LT TURN LANES

US 127 STA 121+53 TO 125+53

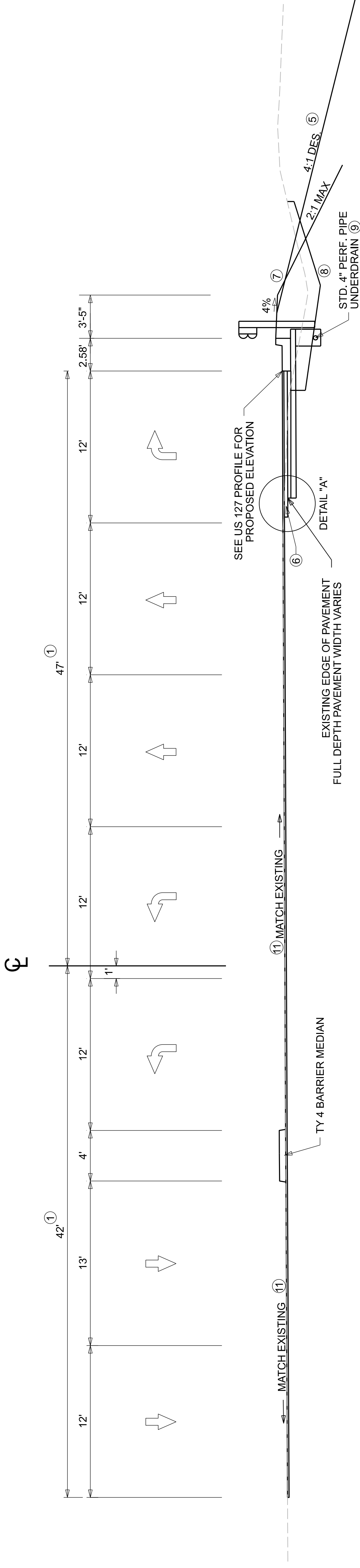


SUPERELEVATED WIDENING AND OVERLAY - NB LT AND RT TURN LANE

US 127 STA 117+48 TO 121+53

NOTES:

- ① WIDTH VARIES. SEE TABLE 1; OUTSIDE EDGE OF PAVEMENT OFFSETS OR TABLE 2; INSIDE EDGE OF PAVEMENT
- ② RIGHT TURN LANE TAPER FROM 0 FT TO 12 FT FROM STATION 118+52.68 TO 119+00. RIGHT TURN LANE 119+00 TO 119+98.
- ③ STA 136+20 TO STA 140+60 TYPE 2 BARRIER MEDIAN
- ④ WIDEN 1 FOOT AND 5 INCHES FOR GUARDRAIL
- ⑤ SEE CROSS-SECTIONS FOR SLOPES OUTSIDE LIMITS OF BERM/SHOULDER.
- ⑥ CONSTRUCT LONGITUDINAL EDGE KEY (MIN. 1.5" WIDE) AT INTERFACE OF WIDENING & OVERLAY TO KEY-IN TOP BASE COURSE. REQUIRED SAWCUT OF EX PAVEMENT IS INCIDENTAL TO THIS ITEM.
- ⑦ ASPHALT SEAL REQUIRED FROM EDGE OF PAVED SHOULDER TO A POINT 2' DOWN THE DITCH OR FILL SLOPE. TWO APPLICATIONS OF THE FOLLOWING ARE REQUIRED:
 ASPHALT SEAL COAT 2.4 LB/SQ. YD.
 ASPHALT SEAL AGGREGATE 20 LB/SQ. YD. (SIZE NO. 8 OR 9)
- ⑧ UNDERCUT EXISTING DITCHES WHEN WIDENED. PAVEMENT WILL BE OVERTOP. UNDERCUT SHOULD BE APPROXIMATELY 18" IN DEPTH.
- ⑨ STANDARD 4 INCH PERFORATED PIPE UNDERDRAIN FROM STATION 125+00 TO STATION 132+73. SEE DRAWING RDP-005-05 FOR TRENCH DETAILS.
- ⑩ GRADE FILL BERM FROM STATION 125+00 TO 128+65.
- ⑪ RESURFACE WITH MILL & OVERLAY OF 1.5 INCHES FROM STATION 111+65.51 TO STATION 141+66.36
- ⑫ ON HIGH SIDE OF SUPERELEVATION, SLOPE SUBGRADE A MINIMUM OF 1% TO OUTSIDE. CSB LAYER TO BE VARIABLE DEPTH



NORMAL CROWN WIDENING AND OVERLAY - NB DUAL LT TURN LANES SB RT TURN ONLY

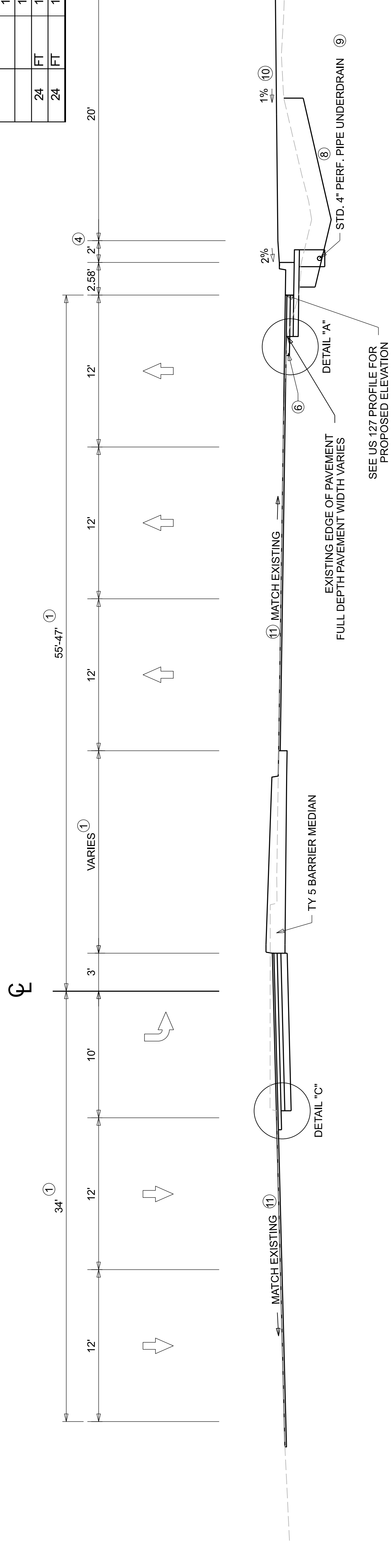
US 127 STA 127+20 TO 132+73

TABLE 1: OUTSIDE EDGE OF PAVEMENT OFFSETS

OUTSIDE EDGE OF PAVEMENT OFFSETS	
LT	RT
35 FT	45 FT
117+00	45 FT
121+53	55 FT
35 FT	126+55
	128+13
42 FT	129+70
42 FT	132+73
49 FT	134+17
49 FT	136+30
39 FT	137+30
	138+65
	139+65
24 FT	140+60
24 FT	141+63

TABLE 2: INSIDE EDGE OF PAVEMENT OFFSETS

INSIDE EDGE OF PAVEMENT OFFSETS	
SB	NB
-11 FT	118+34 -3 FT
-11 FT	119+76 -3 FT
PADDOCKS ENTRANCE	
+12 FT	121+53 +19 FT
+12 FT	124+53 +19 FT
+1 FT	125+53
+1 FT	127+73 +11.89 FT
+1 FT	128+13
-18 FT	129+70 -12 FT
-18 FT	132+73 -12 FT
LEONARD WOOD VESTRIDGE	
+6 FT	134+19 +14 FT
+6 FT	139+60 +14 FT
0 FT	140+60 +6 FT
0 FT	141+60 +6 FT



SUPERELEVATED WIDENING AND OVERLAY - SB LT TURN LANE

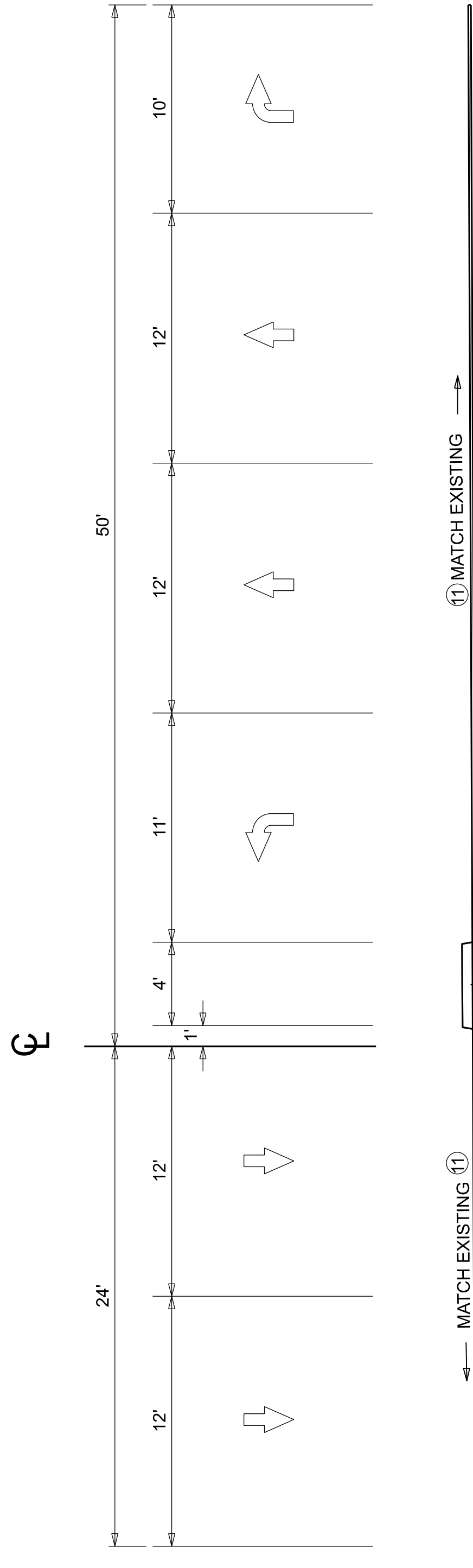
US 127 STA 125+53 TO 127+20

- PROPOSED WIDENING (FULL DEPTH)
- 6.0" CSB
 - 3.5" CL3 ASPH BASE 1.0D PG64-22
 - 3.0" CL4 ASPH BASE 1.0D PG76-22
 - 1.5" CL4 ASPH SURF 0.38A PG76-22
- EXISTING TRAFIC LANES RESURFACE
- PAVEMENT MILLING & TEXTURING
 - 1.5" CL4 ASPH SURF 0.38A PG76-22
- USE ASPH LEVELLING & WEDGING PG76-22 IF NEEDED FOR MEDIAN REMOVAL & PAVEMENT RECONSTRUCTION AREAS



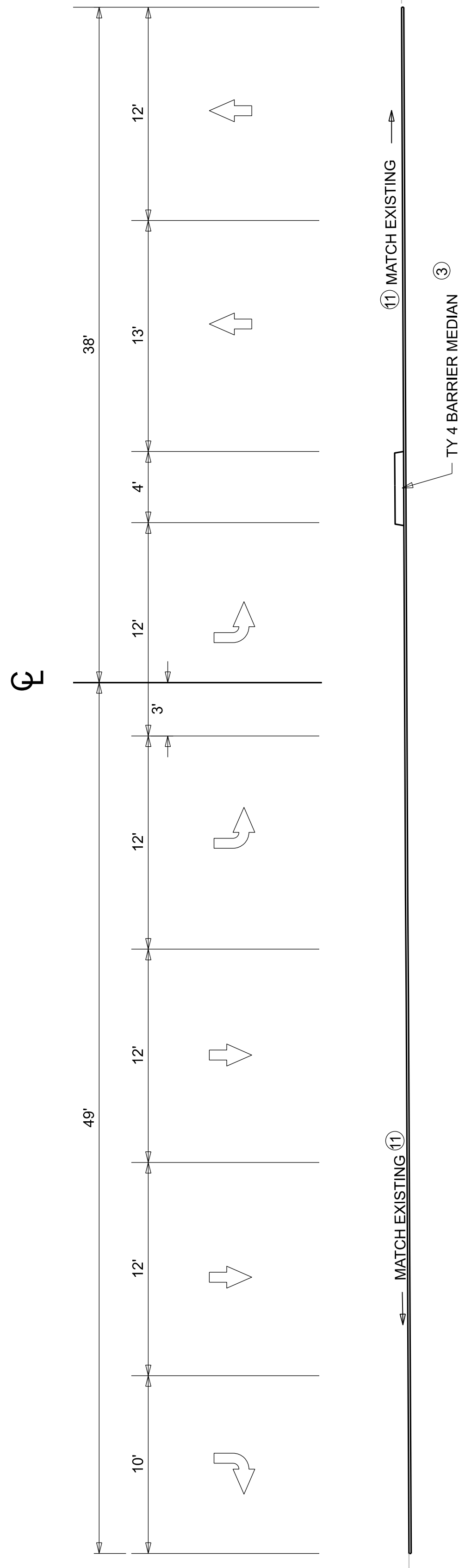
NOTES:

- ① WIDTH VARIES. SEE TABLE 1: OUTSIDE EDGE OF PAVEMENT OFFSETS OR TABLE 2: INSIDE EDGE OF PAVEMENT
- ② RIGHT TURN LANE TAPER FROM 0 FT-12 FT FROM STATION 118+52.88 TO 119+00. RIGHT TURN LANE 119+00 TO 119+68.
- ③ STA 136+20 TO STA 140+60 TYPE 2 BARRIER MEDIAN
- ④ WIDEN 1 FOOT AND 5 INCHES FOR GUARDRAIL
- ⑤ SEE CROSS-SECTIONS FOR SLOPES OUTSIDE LIMITS OF BERM/SHOULDER.
- ⑥ CONSTRUCT LONGITUDINAL EDGE KEY (MIN. 1.5" WIDE) AT INTERFACE WIDENING OF PAVEMENT TO INCIDENTALS. REQUIRED SAWCUT OF EX PAVEMENT IS INCIDENTAL TO THIS ITEM.
- ⑦ ASPHALT SEAL REQUIRED FROM EDGE OF PAVED SHOULDER TO A POINT 2' DOWN THE DITCH OR FILL SLOPE. TWO APPLICATIONS OF THE FOLLOWING ARE REQUIRED:
 ASPHALT SEAL COAT 2.4 LB/SQ. YD.
 ASPHALT SEAL AGGREGATE 20 LB/SQ. YD. (SIZE NO. 8 OR 9)
- ⑧ UNDERCUT EXISTING DITCHES WHEN WIDENED. PAVEMENT WILL BE OVERTOP UNDERCUT. SHOULD BE APPROXIMATELY 18" IN DEPTH.
- ⑨ STANDARD 4 INCH PERFORATED PIPE UNDERDRAIN FROM STATION 125+00 TO STATION 132+73. SEE DRAWING RDP-305-05 FOR TRENCH DETAILS.
- ⑩ GRADE FILL BERM FROM STATION 125+00 TO 128+65.
- ⑪ RESURFACE WITH MILL & OVERLAY OF 1.5 INCHES FROM STATION 111+65.51 TO STATION 141+66.96
- ⑫ ON HIGH SIDE OF SUPERELEVATION, SLOPE SUBGRADE A MINIMUM OF 1% TO OUTSIDE. CSB LATER TO BE VARIABLE DEPTH



NORMAL CROWN OVERLAY - NB LT TURN LANE NB RT TURN LANE

US 127 STA 139+65 TO 141+61.43



NORMAL CROWN OVERLAY - SB DUAL LT TURN LANES SB RT TURN LANE

US 127 STA 134+19 TO 139+65

TABLE 1: OUTSIDE EDGE OF PAVEMENT OFFSETS

OUTSIDE EDGE OF PAVEMENT OFFSETS	
LT	RT
35 FT	111+65 45 FT
	117+00 45 FT
	121+63 55 FT
35 FT	128+55 47 FT
42 FT	129+70 47 FT
42 FT	132+73 47 FT
49 FT	134+17 38 FT
49 FT	136+30 38 FT
39 FT	137+30 38 FT
	138+65 38 FT
24 FT	139+65 50 FT
24 FT	140+60 50 FT
	141+63 50 FT

TABLE 2: INSIDE EDGE OF PAVEMENT OFFSETS

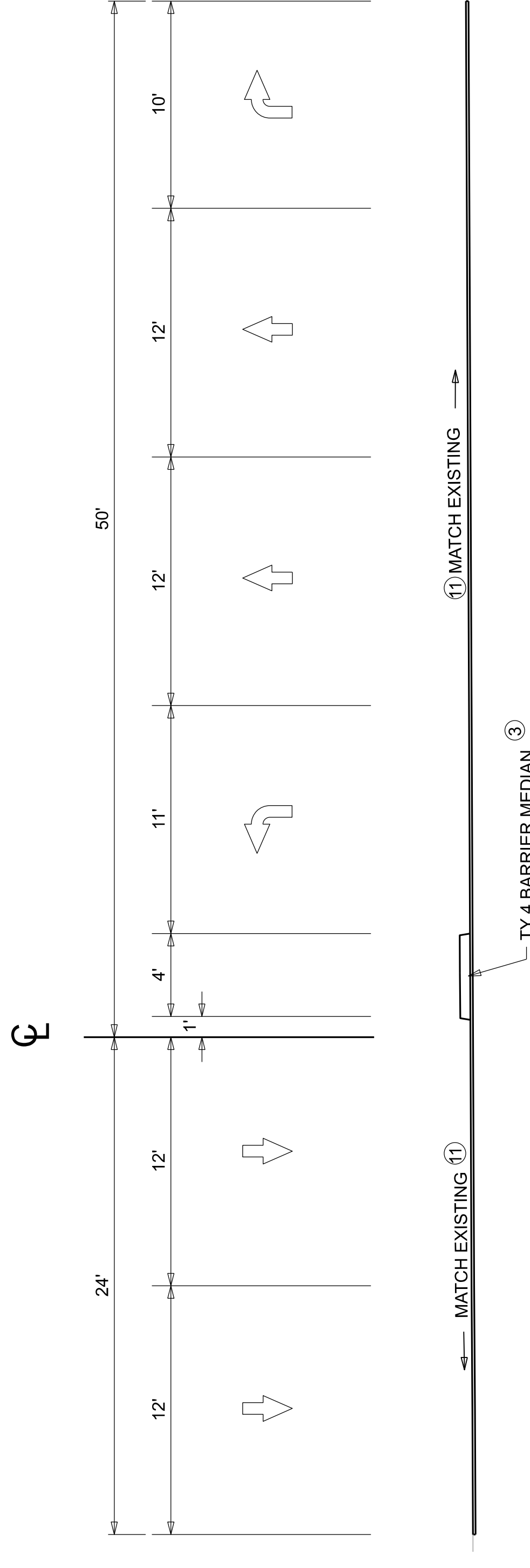
INSIDE EDGE OF PAVEMENT OFFSETS	
SB	NB
-11 FT	118+34 -3 FT
-11 FT	119+76 -3 FT
PADDOCKS/ENTRANCE	
+12 FT	121+63 +19 FT
+12 FT	124+53 +19 FT
+1 FT	125+63 +11.89 FT
+1 FT	127+73 +11.89 FT
+1 FT	128+13 -12 FT
-18 FT	129+70 -12 FT
-18 FT	132+73 -12 FT
LEONARD WOOD WESTRIDGE	
+8 FT	134+19 +14 FT
+8 FT	139+60 +14 FT
0 FT	140+60 +6 FT
0 FT	141+60 +6 FT

EXISTING TRAFFIC LANES RESURFACE
 PAVEMENT MILLING & TEXTURING
 1.5" CL4 ASPH SURF 0.38A PG76-22
 USE ASPH LEVELLING & WEDGING PG76-22 IF NEEDED FOR MEDIAN REMOVAL & PAVEMENT RECONSTRUCTION AREAS



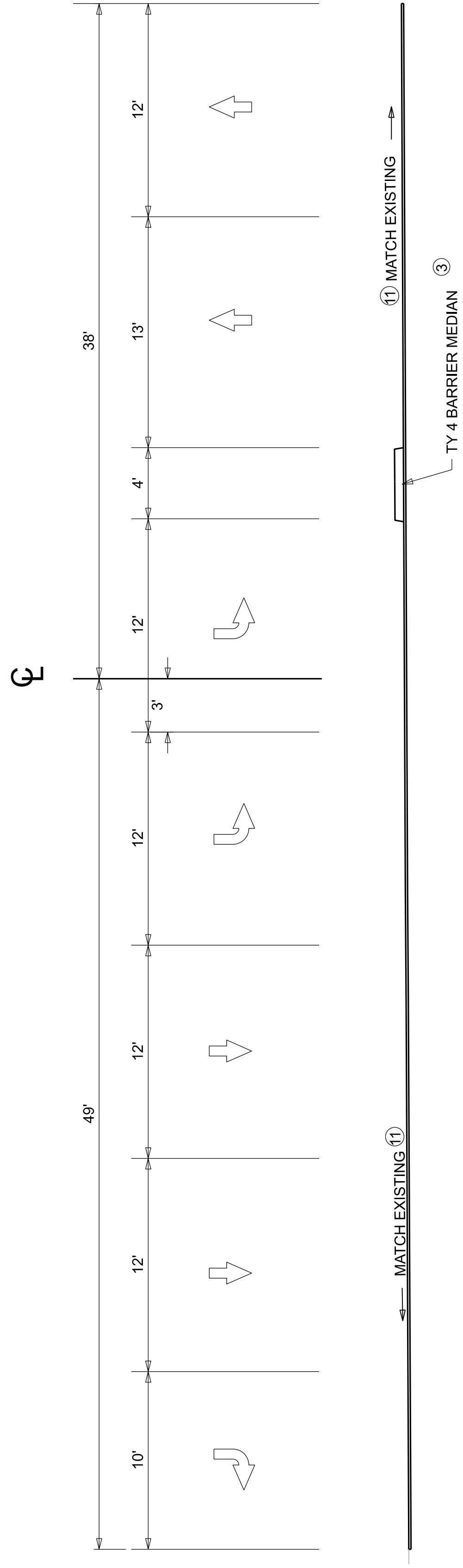
NOTES:

- ① WIDTH VARIES. SEE TABLE 1: OUTSIDE EDGE OF PAVEMENT OFFSETS OR TABLE 2: INSIDE EDGE OF PAVEMENT
- ② RIGHT TURN LANE TAPER FROM 0 FT-12 FT FROM STATION 118+52.88 TO 119+00. RIGHT TURN LANE 119+00 TO 119+68.
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- ⑤ SEE CROSS-SECTIONS FOR SLOPES OUTSIDE LIMITS OF BERM/SHOULDER.
- ⑥ CONSTRUCT LONGITUDINAL EDGE KEY (MIN. 1.5" WIDE) AT INTERFACE WIDENING. PAVEMENT TO BE INCISED TO THIS ITEM. REQUIRED SAWCUT OF EX PAVEMENT IS INCIDENTAL TO THIS ITEM.
- ⑦ ASPHALT SEAL REQUIRED FROM EDGE OF PAVED SHOULDER TO A POINT 2' DOWN THE DITCH OR FILL SLOPE. TWO APPLICATIONS OF THE FOLLOWING ARE REQUIRED:
 ASPHALT SEAL COAT 2.4 LB/SQ. YD.
 ASPHALT SEAL AGGREGATE 20 LB/SQ. YD. (SIZE NO. 8 OR 9)
- ⑧ UNDERCUT EXISTING DITCHES WHEN WIDENED. PAVEMENT WILL BE OVER TOP. UNDERCUT SHOULD BE APPROXIMATELY 18" IN DEPTH.
- ⑨ STANDARD 4 INCH PERFORATED PIPE UNDERDRAIN FROM STATION 125+00 TO STATION 132+73. SEE DRAWING RDP-305-05 FOR TRENCH DETAILS.
- ⑩ GRADE FILL BERM FROM STATION 125+00 TO 128+65.
- ⑪ RESURFACE WITH MILL & OVERLAY OF 1.5 INCHES FROM STATION 111+65.51 TO STATION 141+66.96
- ⑫ ON HIGH SIDE OF SUPERELEVATION, SLOPE SUBGRADE A MINIMUM OF 1% TO OUTSIDE. CSB LATER TO BE VARIABLE DEPTH



NORMAL CROWN OVERLAY - NB LT TURN LANE NB RT TURN LANE

US 127 STA 139+65 TO 141+61.43



NORMAL CROWN OVERLAY - SB DUAL LT TURN LANES SB RT TURN LANE

US 127 STA 134+19 TO 139+65

EXISTING TRAFFIC LANES RESURFACE
 PAVEMENT MILLING & TEXTURING
 1.5" CL4 ASPH SURE 0.38A PG76-22
 USE ASPH LEVELLING & WEDGING PG76-22 IF NEEDED FOR MEDIAN REMOVAL & PAVEMENT RECONSTRUCTION AREAS

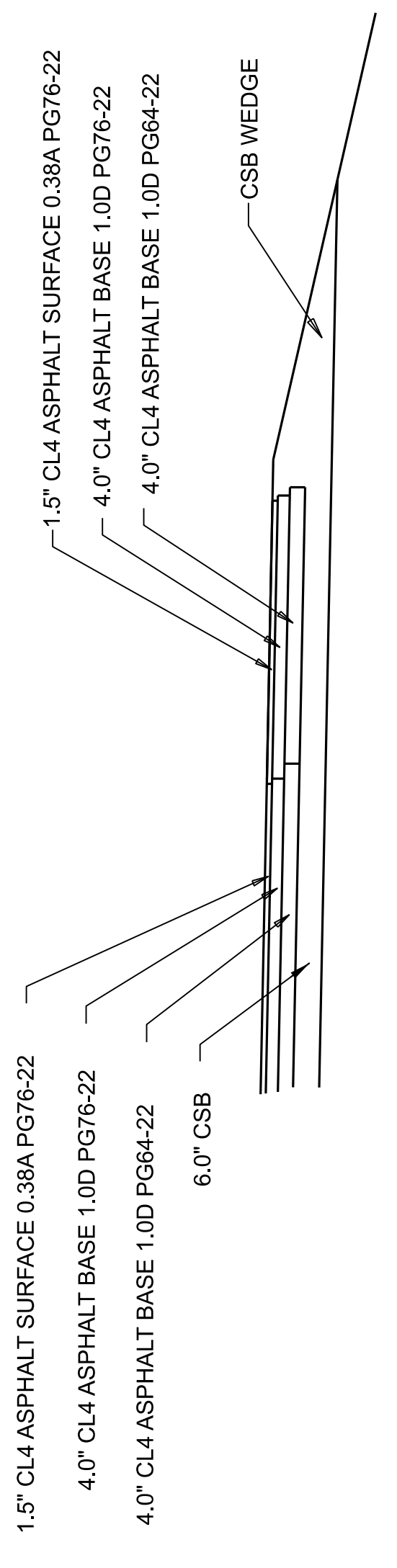
TABLE 1: OUTSIDE EDGE OF PAVEMENT OFFSETS

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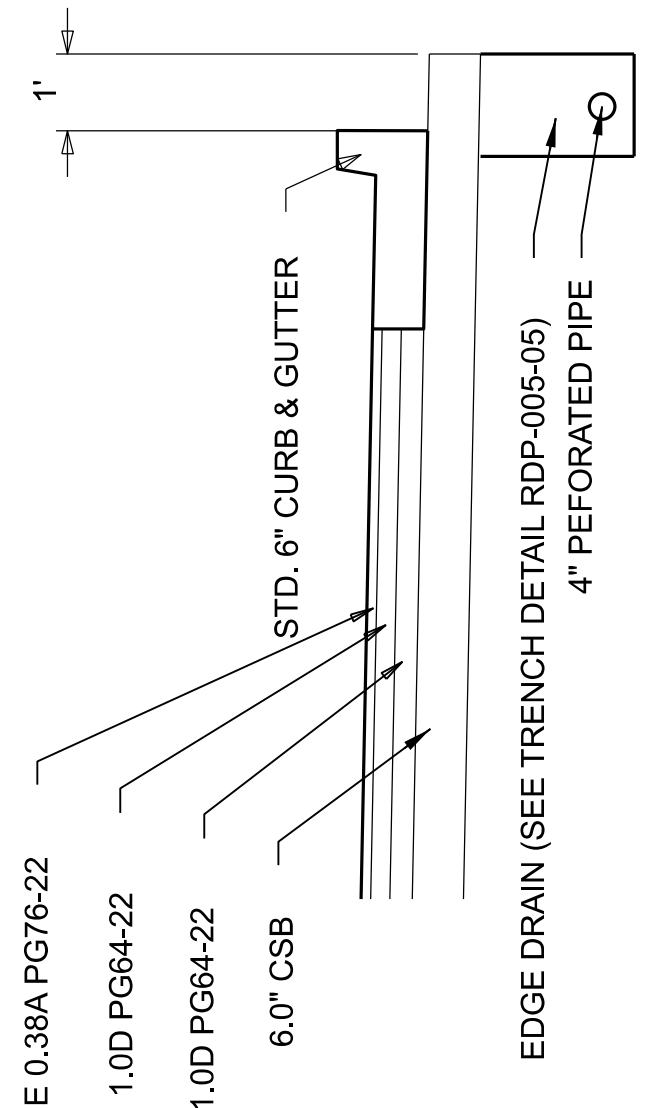
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INSIDE EDGE OF PAVEMENT OFFSETS	
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-11 FT	119+76 -3 FT
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+12 FT	124+53 +19 FT
+1 FT	125+63 +11.89 FT
+1 FT	127+73 +11.89 FT
+1 FT	128+13 -12 FT
-18 FT	129+70 -12 FT
-18 FT	132+73 -12 FT
LEONARD WOOD WESTRIDGE	
+8 FT	134+19 +14 FT
+8 FT	139+60 +14 FT
0 FT	140+60 +6 FT
0 FT	141+60 +6 FT

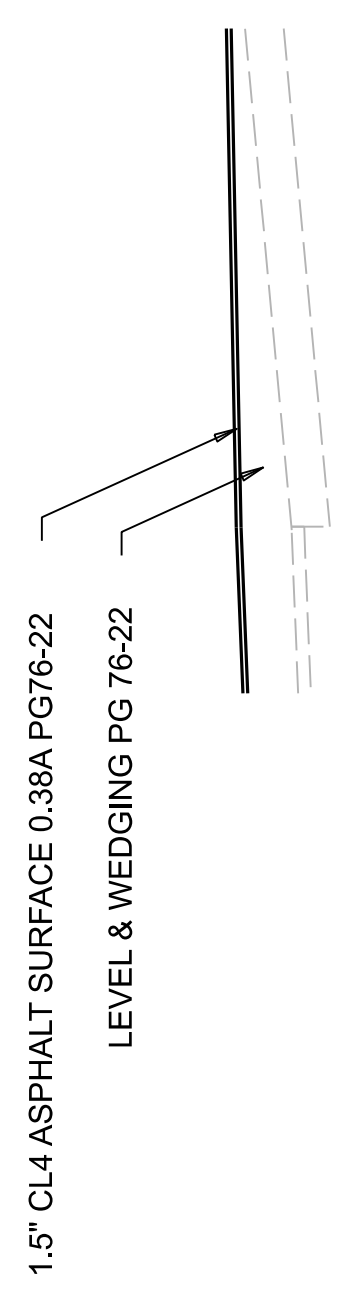




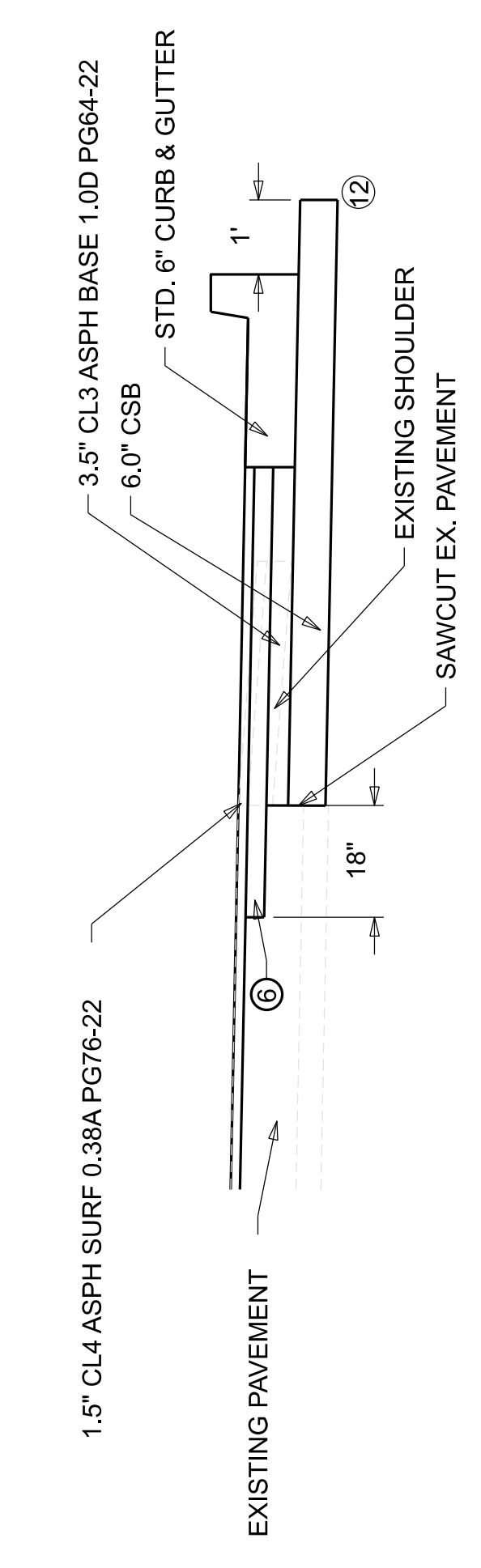
DETAIL "E"



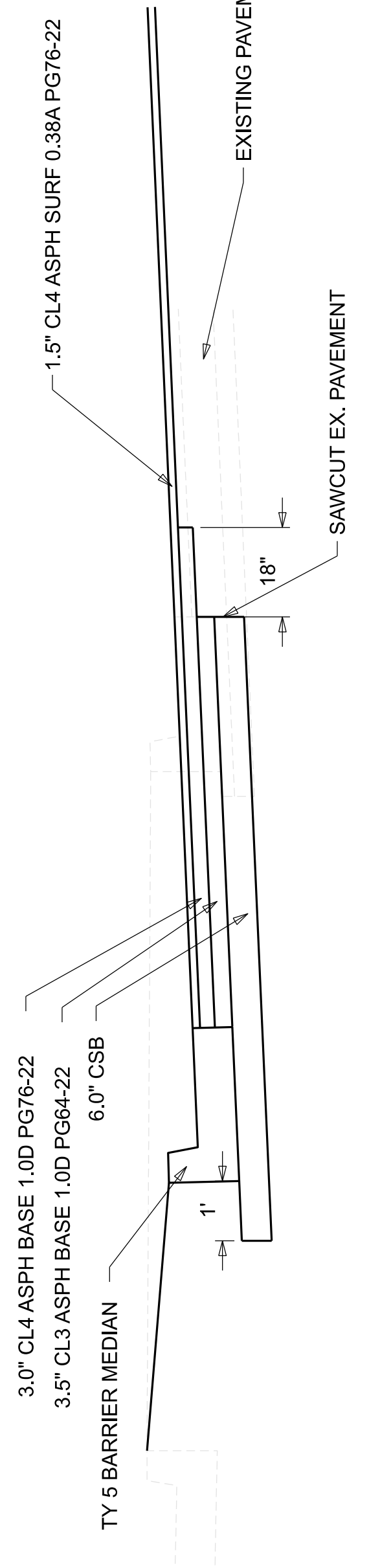
DETAIL "G"



DETAIL "F"

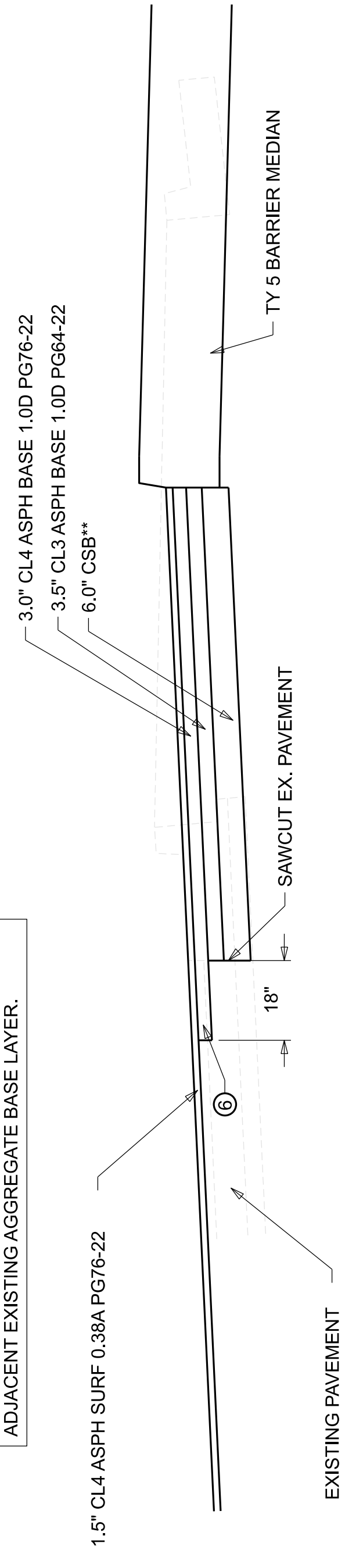


DETAIL "A"

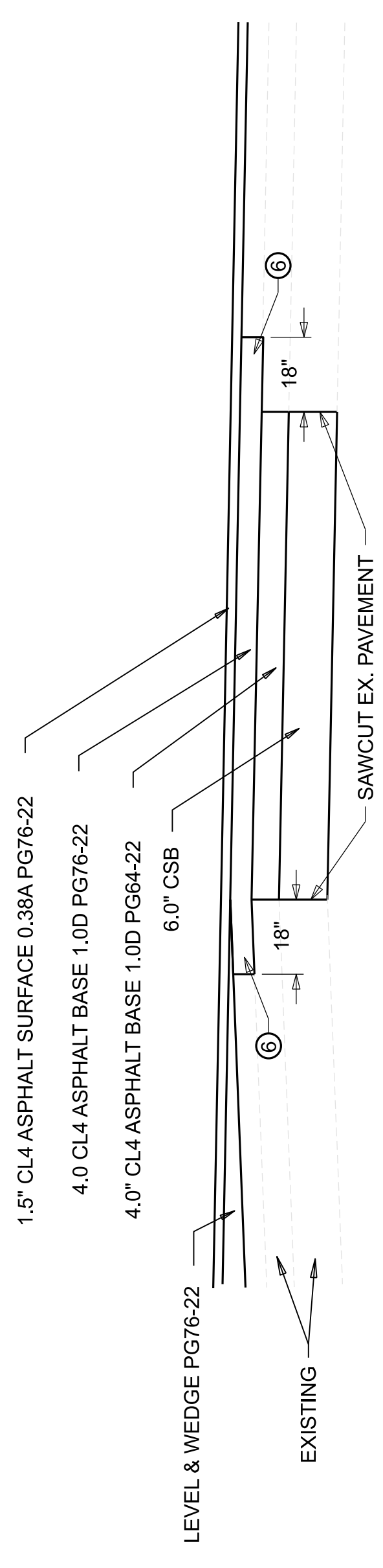


DETAIL "B"

**INCREASE EXCAVATION DEPTH AND THICKNESS OF CSB LAYER IF NEEDED TO MATCH BOTTOM OF ADJACENT EXISTING AGGREGATE BASE LAYER.



DETAIL "C"



DETAIL "D"

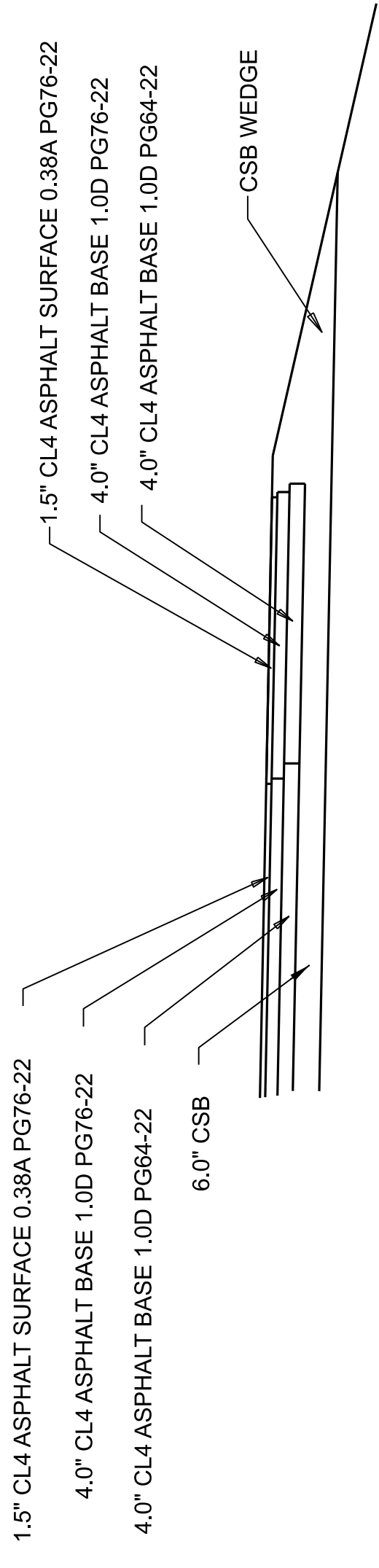
- NOTES:
- ① WIDTH VARIES, SEE TABLE 1, OUTSIDE EDGE OF PAVEMENT OFFSETS OR TABLE 2, INSIDE EDGE OF PAVEMENT
 - ② RIGHT TURN LANE TAPER FROM 0FT-12FT FROM STATION 118+52.68 TO 119+00. RIGHT TURN LANE 119+00 TO 119+98.
 - ③ STA 136+20 TO STA 140+60 TYPE 2 BARRIER MEDIAN
 - ④ WIDEN 1 FOOT AND 5 INCHES FOR GUARDRAIL
 - ⑤ SEE CROSS-SECTIONS FOR SLOPES OUTSIDE LIMITS OF BERM SHOULDER.
 - ⑥ CONSTRUCT LONGITUDINAL EDGE KEY (MIN. 1.5" WIDE) AT INTERFACE OF WIDENING & OVERLAY TO KEY-IN TOP BASE COURSE. REQUIRED SAWCUT OF EX PAVEMENT IS INCIDENTAL TO THIS ITEM.
 - ⑦ ASPHALT SEAL REQUIRED FROM EDGE OF PAVED SHOULDER TO A POINT 2' DOWN THE DITCH OR FILL SLOPE. TWO APPLICATIONS OF THE FOLLOWING ARE REQUIRED:
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 ASPHALT SEAL AGGREGATE 20 LB/SQ. YD. (SIZE NO. 8 OR 9)
 - ⑧ UNDERCUT EXISTING DITCHES WHEN WIDENED PAVEMENT WILL BE OVERTOP. UNDERCUT SHOULD BE APPROXIMATELY 18" IN DEPTH.
 - ⑨ STANDARD 4 INCH PERFORATED PIPE UNDERDRAIN FROM STATION 125+00 TO STATION 132+73. SEE DRAWING RDP-005-05 FOR TRENCH DETAILS.
 - ⑩ GRADE FILL BERM FROM STATION 125+00 TO 128+65.
 - ⑪ RESURFACE WITH MILL & OVERLAY OF 1.5 INCHES FROM STATION 111+65.51 TO STATION 141+66.96
 - ⑫ ON HIGH SIDE OF SUPERELEVATION, SLOPE SUBGRADE A MINIMUM OF 1% TO OUTSIDE. CSB LAYER TO BE VARIABLE DEPTH



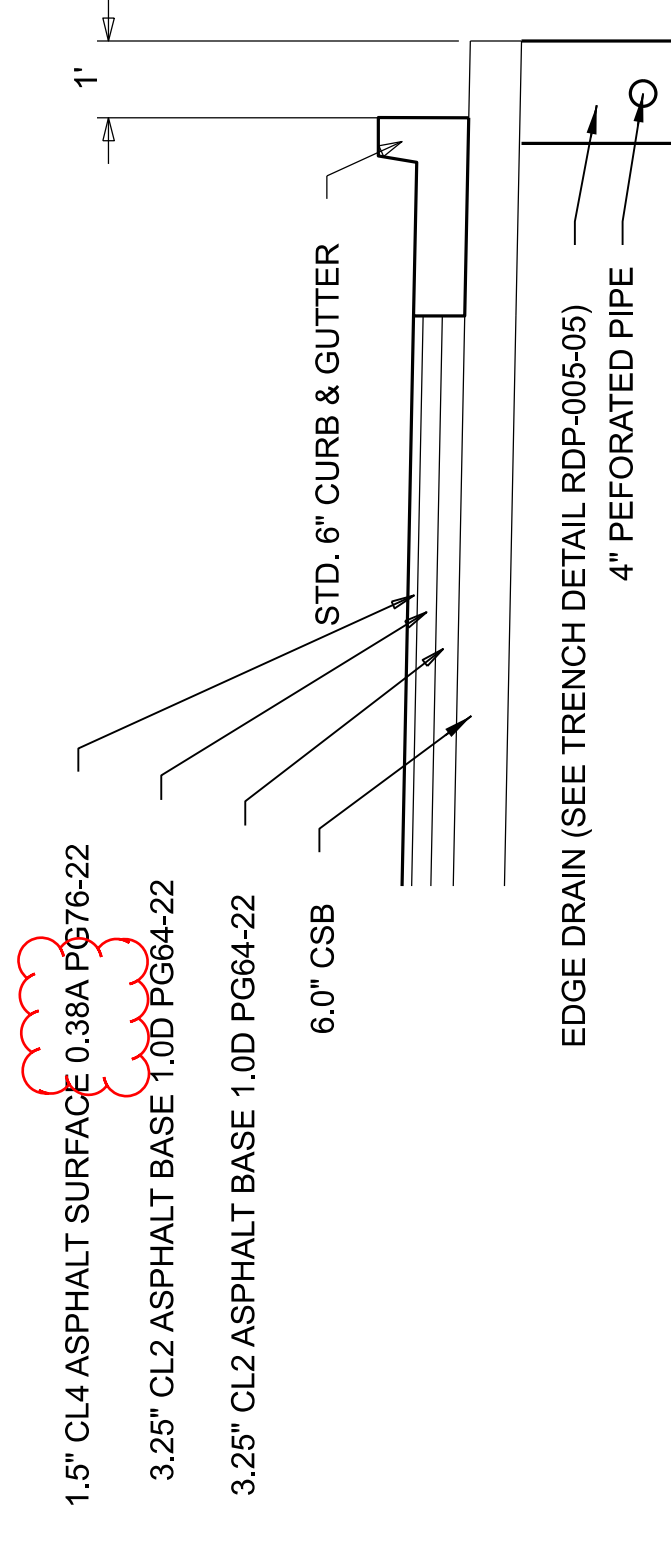
COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS

TYPICAL SECTION: US 127 PAVEMENT DETAILS

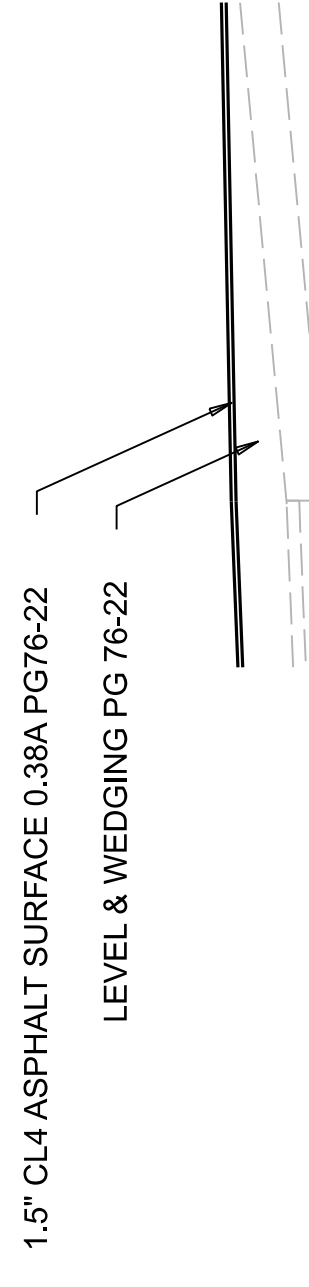
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 SHEET NO. R002C



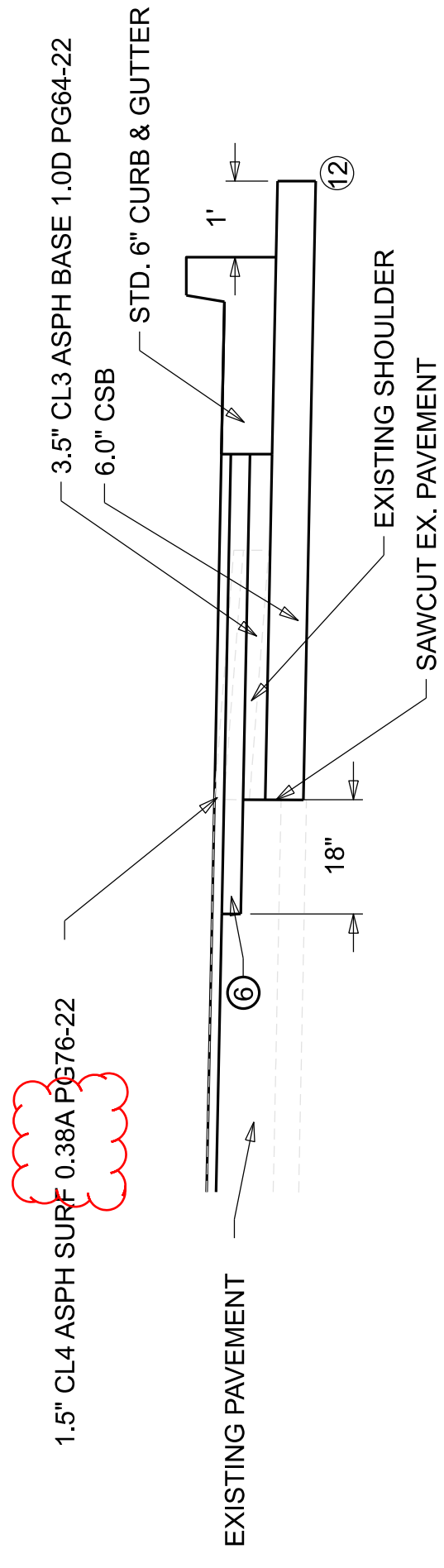
DETAIL "E"



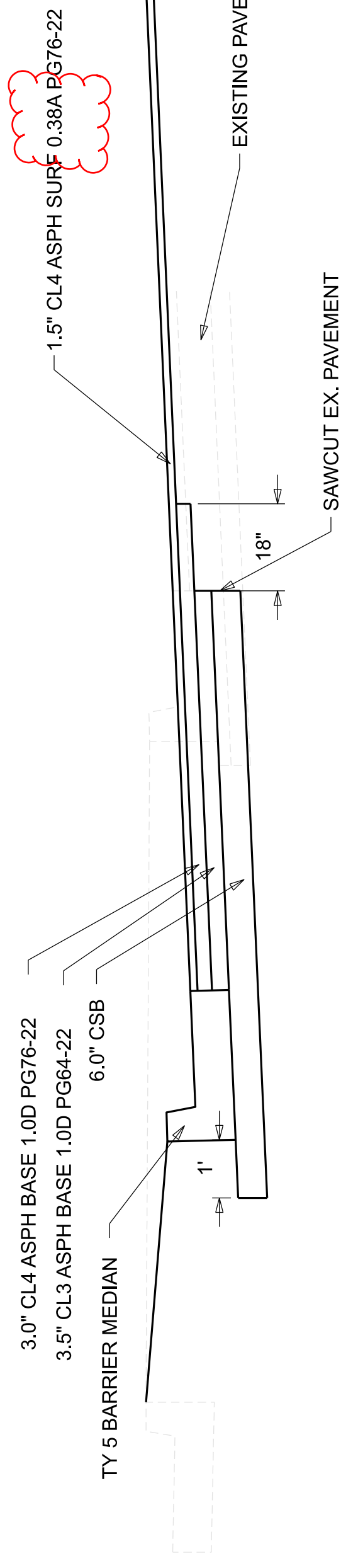
DETAIL "G"



DETAIL "F"

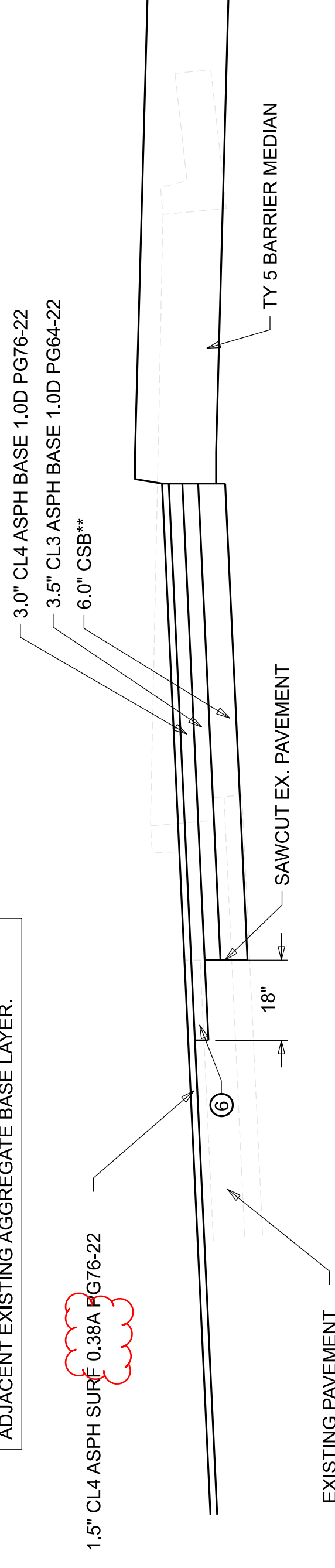


DETAIL "A"



DETAIL "B"

**INCREASE EXCAVATION DEPTH AND THICKNESS OF CSB LAYER IF NEEDED TO MATCH BOTTOM OF ADJACENT EXISTING AGGREGATE BASE LAYER.



DETAIL "C"



DETAIL "D"

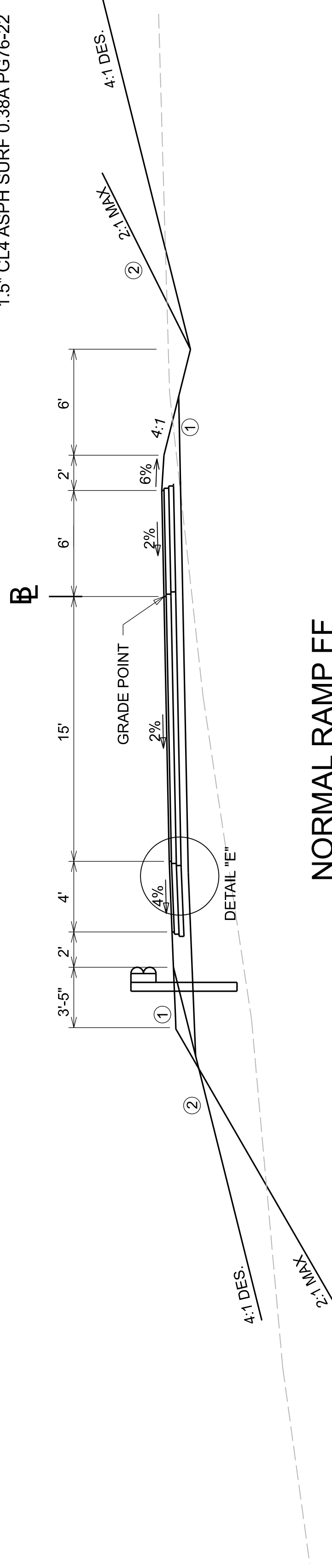
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- ③ STA 136+20 TO STA 140+60 TYPE 2 BARRIER MEDIAN
- ④ WIDEN 1 FOOT AND 5 INCHES FOR GUARDRAIL
- ⑤ SEE CROSS-SECTIONS FOR SLOPES OUTSIDE LIMITS OF BERM SHOULDER.
- ⑥ CONSTRUCT LONGITUDINAL EDGE KEY (MIN. 1.5" WIDE) AT INTERFACE OF WIDENING & OVERLAY TO KEY-IN TOP BASE COURSE. REQUIRED SAWCUT OF EX PAVEMENT IS INCIDENTAL TO THIS ITEM.
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- ⑧ UNDERCUT EXISTING DITCHES WHEN WIDENED PAVEMENT WILL BE OVERTOP. UNDERCUT SHOULD BE APPROXIMATELY 18" IN DEPTH.
- ⑨ STANDARD 4 INCH PERFORATED PIPE UNDERDRAIN FROM STATION 125+00 TO STATION 132+73. SEE DRAWING RDP-005-05 FOR TRENCH DETAILS.
- ⑩ GRADE FILL BERM FROM STATION 125+00 TO 128+65.
- ⑪ RESURFACE WITH MILL & OVERLAY OF 1.5 INCHES FROM STATION 111+65.51 TO STATION 141+66.96
- ⑫ ON HIGH SIDE OF SUPERELEVATION, SLOPE SUBGRADE A MINIMUM OF 1% TO OUTSIDE. CSB LAYER TO BE VARIABLE DEPTH

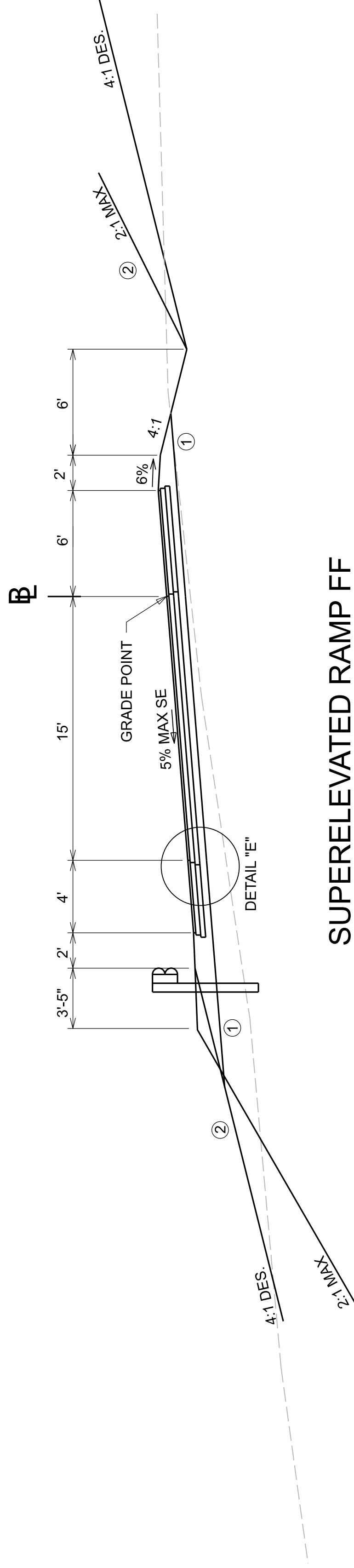


PROPOSED RAMPS G. F. & FF (FULL DEPTH)

6.0" CSB
 4.0" CL4 ASPH BASE 1.0D PG64-22
 4.0" CL4 ASPH BASE 1.0D PG76-22
 1.5" CL4 ASPH SURF 0.38A PG76-22



NORMAL RAMP FF



SUPERELEVATED RAMP FF

PROPOSED RAMPS G. F. & FF (SHOULDER)

6.0" CSB
 4.0" CL4 ASPH BASE 1.0D PG64-22
 4.0" CL4 ASPH BASE 1.0D PG76-22
 1.5" CL4 ASPH SURF 0.38A PG76-22

SPECIAL NOTE FOR PAVEMENT
 SUBSURFACE DRAINAGE OUTLET

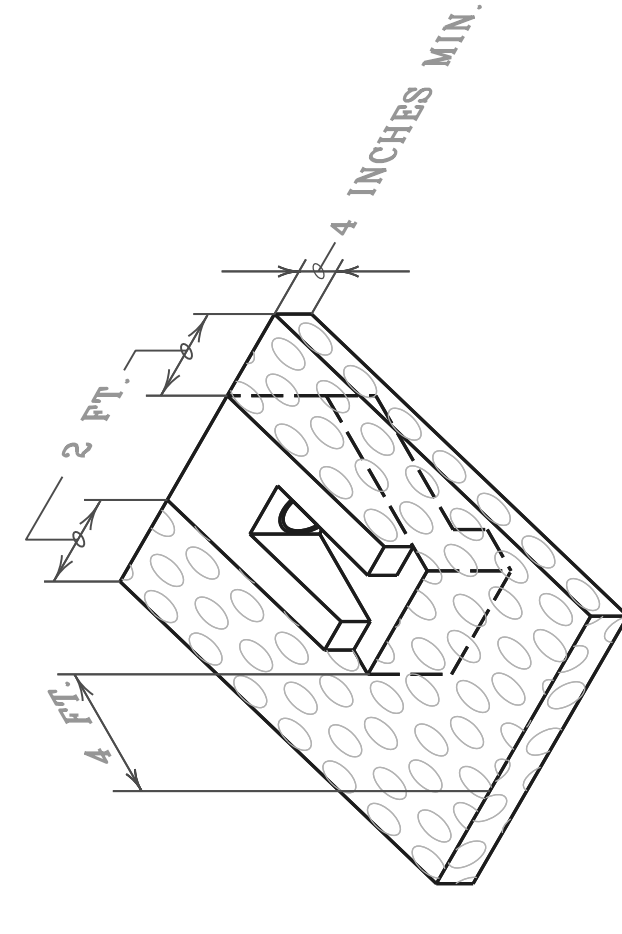
A QUANTITY OF CRUSHED AGGREGATE SIZE NO. 2 AS DEFINED IN THE CURRENT KENTUCKY STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SHALL BE USED AT ALL PERFORATED PIPE HEADWALL OUTLETS AS ILLUSTRATED IN THE DETAIL AT RIGHT. CRUSHED AGGREGATE SIZE NO. 2 SHALL BE PLACED A MINIMUM DEPTH OF 4 INCHES AS DETAILED AT RIGHT.

DENSE GRADED AGGREGATE (CSB) REMOVED DURING PLACEMENT OF THE CRUSHED AGGREGATE SIZE NO. 2 SHALL BE USED TO DRESS THE EXISTING SHOULDERS WHERE CSB IS EXPOSED. OTHER MATERIALS REMOVED DURING PLACEMENT OF THE CRUSHED AGGREGATE SIZE NO. 2 SHALL BE WASTED AS DIRECTED BY THE ENGINEER. NO DIRECT PAYMENT WILL BE ALLOWED FOR DISPOSAL OF WASTED MATERIAL.

THE CONTRACT UNIT PRICE FOR "CRUSHED AGGREGATE SIZE NO. 2" SHALL BE FULL COMPENSATION FOR ALL MATERIALS, LABOR, AND OTHER INCIDENTALS NECESSARY TO PLACE CRUSHED AGGREGATE SIZE NO. 2 FOR CONTROL OF VEGETATION AND/OR EROSION CONTROL AT PAVEMENT EDGE DRAIN OUTLETS.

SEE CURRENT STANDARD DRAWING RDP-010 FOR DIMENSIONS AND OTHER DETAILS.

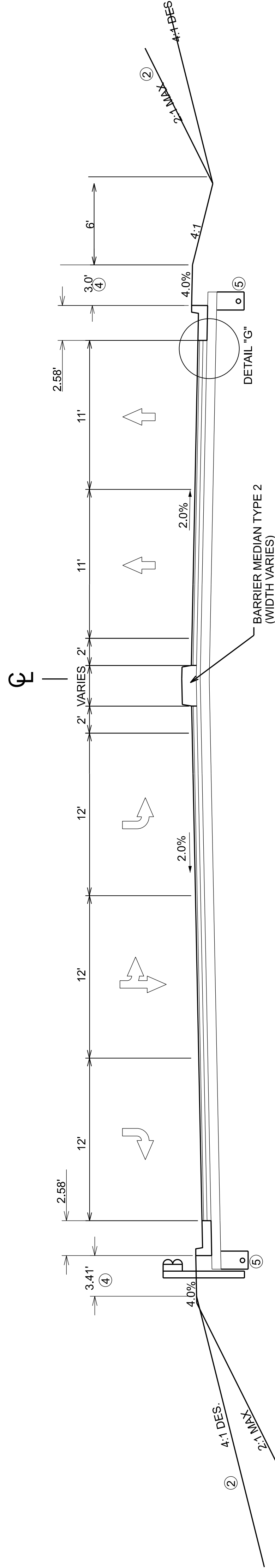
ESTIMATE ONE TON OF CRUSHED AGGREGATE SIZE NO. 2 FOR EACH PERFORATED PIPE HEADWALL OUTLET.



PAVEMENT SUBSURFACE DRAINAGE OUTLET

NOTES:

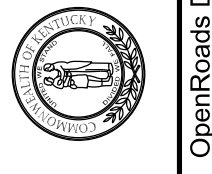
- ① ASPHALT SEAL REQUIRED FROM EDGE OF PAVED SHOULDER TO A POINT 2' DOWN THE DITCH OR FILL SLOPE. TWO APPLICATIONS OF THE FOLLOWING ARE REQUIRED:
 ASPHALT SEAL COAT 2.4 LB/SQ. YD.
 ASPHALT SEAL AGGREGATE 20 LB/SQ. YD. (SIZE NO. 8 OR 9)
- ② SEE CROSS-SECTIONS FOR SLOPES OUTSIDE LIMITS OF BERM SHOULDER.
- ③ PAVEMENT MILLING & TEXTURING 1.5" CL4 ASPH SURF 0.5A PG76-22
- ④ WIDEN THE BERM AREA TO 14-FEET WIDE ALONG THE CURB RADI BETWEEN US 127 AND PADDOCKS ACCESS; BOTH SIDES. PLACE SOD.
- ⑤ INSTALL 4" NON-PERF. PIPE (~5' LONG) TO OUTLET PERFORATED PIPE UNDERDRAIN TO CURB BOXES INSTALLED AS PART OF ADJACENT PROJECT (ITEM NO. 5-588).
- ⑥ CONSTRUCT LONGITUDINAL EDGE KEY (MIN. 1.5" WIDE) AT INTERFACE OF WIDENING & OVERLAY TO KEY-IN TOP-BASE COURSE. REQUIRED SAWCUT OF EX PAVEMENT IS INCIDENTAL TO THIS ITEM.
- ⑦ INTENTIONALLY OMITTED
- ⑧ UNDERCUT EXISTING DITCHES WHEN WIDENED PAVEMENT WILL BE OVERTOP. UNDERCUT SHOULD BE APPROXIMATELY 18" IN DEPTH.



PADDOCKS ACCESS

6.0" CSB
 3.25" CL2 ASPH BASE 1.0D PG64-22
 3.25" CL2 ASPH BASE 1.0D PG64-22
 1.50" CL4 ASPH SURF 0.38A PG76-22

PADDOCKS ACCESS RD
 NORMAL 5-LANE SECTION

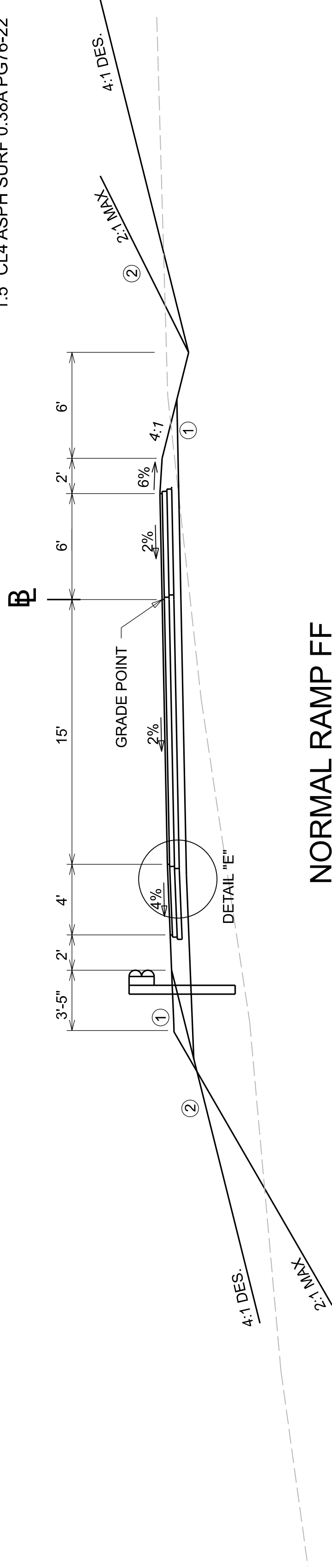


COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 TEAM KENTUCKY
 TRANSPORTATION

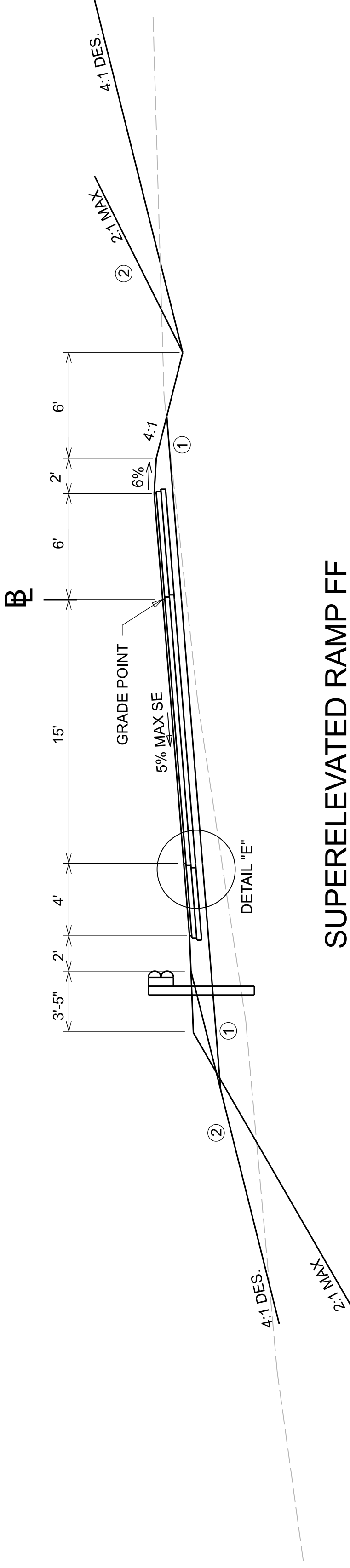
TYPICAL SECTION: RAMP FF & PADDOCKS ACCESS RD

PROPOSED RAMPS G. E. & FF (FULL DEPTH)

- 6.0" CSB
- 4.0" CL4 ASPH BASE 1.0D PG64-22
- 4.0" CL4 ASPH BASE 1.0D PG76-22
- 1.5" CL4 ASPH SURF 0.38A PG76-22



NORMAL RAMP FF



SUPERELEVATED RAMP FF

PROPOSED RAMPS G. E. & FF (SHOULDER)

- 6.0" CSB
- 4.0" CL4 ASPH BASE 1.0D PG64-22
- 4.0" CL4 ASPH BASE 1.0D PG76-22
- 1.5" CL4 ASPH SURF 0.38A PG76-22

SPECIAL NOTE FOR PAVEMENT SUBSURFACE DRAINAGE OUTLET

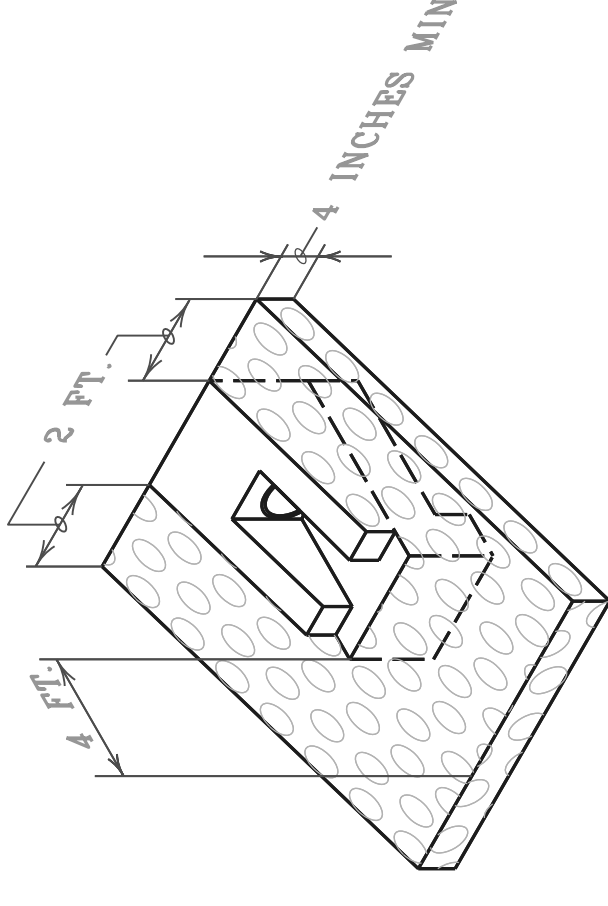
A QUANTITY OF CRUSHED AGGREGATE SIZE NO. 2 AS DEFINED IN THE CURRENT "KENTUCKY STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" SHALL BE USED AT ALL PERFORATED PIPE HEADWALL OUTLETS AS ILLUSTRATED IN THE DETAIL AT RIGHT. CRUSHED AGGREGATE SIZE NO. 2 SHALL BE PLACED A MINIMUM DEPTH OF 4 INCHES AS DETAILED AT RIGHT.

DENSE GRADED AGGREGATE (CSB) REMOVED DURING PLACEMENT OF THE CRUSHED AGGREGATE SIZE NO. 2 SHALL BE USED TO DRESS THE EXISTING SHOULDERS WHERE CSB IS EXPOSED. OTHER MATERIALS REMOVED DURING PLACEMENT OF THE CRUSHED AGGREGATE SIZE NO. 2 SHALL BE WASTED AS DIRECTED BY THE ENGINEER. NO DIRECT PAYMENT WILL BE ALLOWED FOR DISPOSAL OF WASTED MATERIAL.

THE CONTRACT UNIT PRICE FOR "CRUSHED AGGREGATE SIZE NO. 2" SHALL BE FULL COMPENSATION FOR ALL MATERIALS, LABOR, AND OTHER INCIDENTALS NECESSARY TO PLACE CRUSHED AGGREGATE SIZE NO. 2 FOR CONTROL OF VEGETATION AND/OR EROSION CONTROL AT PAVEMENT EDGE DRAIN OUTLETS.

SEE CURRENT STANDARD DRAWING RDP-010 FOR DIMENSIONS AND OTHER DETAILS.

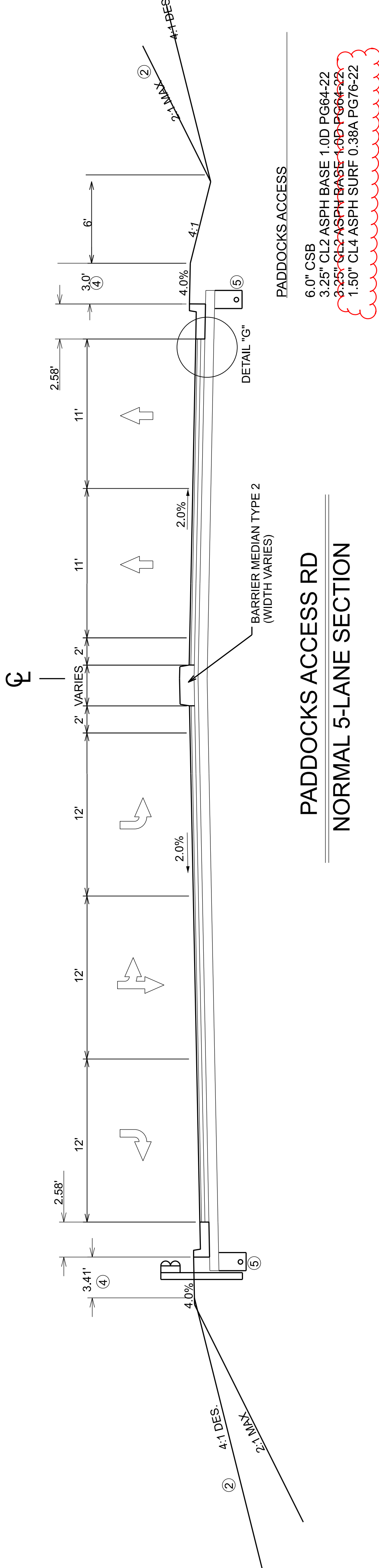
ESTIMATE ONE TON OF CRUSHED AGGREGATE SIZE NO. 2 FOR EACH PERFORATED PIPE HEADWALL OUTLET.



PAVEMENT SUBSURFACE DRAINAGE OUTLET

NOTES:

- ASPHALT SEAL REQUIRED FROM EDGE OF PAVED SHOULDER TO A POINT 2' DOWN THE DITCH OR FILL SLOPE. TWO APPLICATIONS OF THE FOLLOWING ARE REQUIRED:
ASPHALT SEAL COAT 2.4 LB/SQ. YD.
ASPHALT SEAL AGGREGATE 20 LB/SQ. YD. (SIZE NO. 8 OR 9)
- SEE CROSS-SECTIONS FOR SLOPES OUTSIDE LIMITS OF BERM SHOULDER.
- PAVEMENT MILLING & TEXTURING 1.5" CL4 ASPH SURF 0.5A PG76-22
- WIDEN THE BERM AREA TO 14-FEET WIDE ALONG THE CURB RADI BETWEEN US 127 AND PADDOCKS ACCESS; BOTH SIDES. PLACE SOD.
- INSTALL 4" NON-PERF. PIPE (~5' LONG) TO OUTLET PERFORATED PIPE UNDERDRAIN TO CURB BOXES INSTALLED AS PART OF ADJACENT PROJECT (ITEM NO. 5-586).
- CONSTRUCT LONGITUDINAL EDGE KEY (MIN. 1.5" WIDE) AT INTERFACE OF WIDENING & OVERLAY TO KEY-IN TOP-BASE COURSE. REQUIRED SAWCUT OF EX PAVEMENT IS INCIDENTAL TO THIS ITEM.
- INTENTIONALLY OMITTED
- UNDERCUT EXISTING DITCHES WHEN WIDENED PAVEMENT WILL BE OVERTOP. UNDERCUT SHOULD BE APPROXIMATELY 18" IN DEPTH.



PADDOCKS ACCESS

- 6.0" CSB
- 3.25" CL2 ASPH BASE 1.0D PG64-22
- 3.25" CL2 ASPH BASE 1.0D PG64-22
- 1.50" CL4 ASPH SURF 0.38A PG76-22

PADDOCKS ACCESS RD

NORMAL 5-LANE SECTION

GENERAL SUMMARY

ITEM	DESCRIPTION	UNIT	US127	RAMP G	RAMPS F & FF	PADDOCKS ACCESS RD	LEONARDWOOD	PROJECT TOTALS
00078	CRUSHED AGGREGATE SIZE NO 2	TON	201					201
01310	REMOVE PIPE	LF		129	121			250
01585	REMOVE DROP BOX INLET	EACH		1				1
01810	STANDARD CURB AND GUTTER	LF	1156			266	48	1470
01904	REMOVE CURB	LF	95					95
01917	STANDARD BARRIER MEDIUM TYPE 2	SQYD	188			25		213
01921	STANDARD BARRIER MEDIUM TYPE 4	SQYD	312					312
01923	STANDARD BARRIER MEDIUM TYPE 5	SQYD	808				10	818
01982	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	EACH		13				13
01983	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL YELLOW	EACH	365	15				15
02014	BARRICADE-TYPE III	EACH	12					12
02091	REMOVE PAVEMENT	SQYD		3661	1491			5152
02159	TEMP DITCH	LF	2810					2810
02160	CLEAN TEMP DITCH	LF	1405					1405
02165	REMOVE PAVED DITCH	SQYD	6	171				177
02230	EMBANKMENT IN PLACE	CUYD	3195	50451	1102	8492		63240
02351	GUARDRAIL-STEEL W BEAM-S FACE	LF	987.5	950				1,937.5
02367	GUARDRAIL END TREATMENT TYPE 1	EACH	1	1		1		3
02369	GUARDRAIL END TREATMENT TYPE 2A	EACH	1	1		1		3
02381	REMOVE GUARDRAIL	LF	675	325				1000
02429	RIGHT-OF-WAY MONUMENT TYPE 1	EACH	1					1
02432	WITNESS POST	EACH	1					1
02483	CHANNEL LINING CLASS II	TON	20	667	6			693
02484	CHANNEL LINING CLASS III	TON		1218				1218
02545	CLEARING AND GRUBBING	LS	1					1
02562	TEMPORARY SIGNS	SQFT	500					500
02568	MOBILIZATION	LS	1					1
02569	DEMOLITION	LS	1					1
02602	FABRIC-GEOTEXTILE CLASS 1	SQYD	392	3073	13			3478
02625	REMOVE HEADWALL	EACH	4	3	3			10
02650	MAINTAIN & CONTROL TRAFFIC	LS	1					1
02671	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	6					6
02676	MOBILIZATION FOR MILL & TEXT	LS	1					1
02697	EDGE LINE RUMBLE STRIPS	LF		3335				3335
02701	TEMP SILT FENCE	LF	2701					2701
02703	SILT TRAP TYPE A	EACH	39					39
02704	SILT TRAP TYPE B	EACH	39					39
02705	SILT TRAP TYPE C	EACH	39					39
02706	CLEAN SILT TRAP TYPE A	EACH	39					39
02707	CLEAN SILT TRAP TYPE B	EACH	39					39
02708	CLEAN SILT TRAP TYPE C	EACH	39					39
02720	SIDEWALK-4 IN CONCRETE	SQYD				40		40
02726	STAKING	LS	1					1
05950	EROSION CONTROL BLANKET	SQYD		139				139
05952	TEMP MULCH	SQYD	124321					124321
05953	TEMP SEEDING AND PROTECTION	SQYD	93194					93194
05963	INITIAL FERTILIZER	TON	6.3					6.3
05964	MAINTENANCE FERTILIZER	TON	3.8					3.8
05985	SEEDING AND PROTECTION	SQYD	121339			60		121339
05990	SODDING	SQYD						60
05992	AGRICULTURAL LIMESTONE	TON	75.2					75.2
06401	FLEXIBLE DELINEATOR POST-M/W	EACH		34	38			72
06511	PAVE STRIPING-TEMP PAINT-6 IN	LF	26600					26600
06542	PAVE STRIPING-THERMO-6 IN W	LF	19730	1670	1250			22650
06543	PAVE STRIPING-THERMO-6 IN Y	LF	7015	835	920			8770

NOTES:

- ① SEE GENERAL NOTES FOR REMOVING GUARDRAIL
- ② INCLUDES STRIPING REMOVAL ON BRIDGE
- ③ APPROXIMATELY 7 ACRES OF CLEARING AND GRUBBING
- ④ INCLUDES 5901 CY FOR EMB FOUNDATION BENCHING
- ⑤ INCLUDES 37.5' FOR PAYMENT OF CURVE RAIL (30%) IN ADDITION TO THE INSTALL AMOUNT LISTED ON PLAN SHEETS
- ⑥ ONLY IN THE AREA BEHIND CURB & GUTTER AT PADDOCKS ENTRANCE
- ⑦ ITEMS TO BE USED AT THE ENGINEER'S DISCRETION FOR SUBGRADE STABILIZATION IF NEEDED.
- ⑧ INCLUDES 1 TON FOR USE AROUND PERFORATED PIPE HEADWALL.
- ⑨ SEE SHEET R02H FOR EARTHWORK SUMMARY

SEE NEXT SHEET FOR ITEMS RECOMMENDED TO BE ADDED.

GENERAL SUMMARY

REVISED 5-13-2024

ITEM	DESCRIPTION	UNIT	US127	RAMP G	RAMPS F & FF	PADDOCKS ACCESS RD	LEONARDWOOD	PROJECT TOTALS
00078	CRUSHED AGGREGATE SIZE NO 2	TON	201					201
01310	REMOVE PIPE	LF		129	121			250
01585	REMOVE DROP BOX INLET	EACH		1				1
01810	STANDARD CURB AND GUTTER	LF	1156			266	48	1470
01904	REMOVE CURB	LF	95					95
01917	STANDARD BARRIER MEDIUM TYPE 2	SQYD	188			25		213
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01923	STANDARD BARRIER MEDIUM TYPE 5	SQYD	808				10	818
01982	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	EACH		13				13
01983	DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL YELLOW	EACH	365	15				15
02014	BARRICADE-TYPE III	EACH	12					12
02091	REMOVE PAVEMENT	SQYD		3661	1491			5152
02159	TEMP DITCH	LF	2810					2810
02160	CLEAN TEMP DITCH	LF	1405					1405
02165	REMOVE PAVED DITCH	SQYD	6	171				177
02230	EMBANKMENT IN PLACE	CUYD	3195	50451	1102	8492		63240
02351	GUARDRAIL-STEEL W BEAM-S FACE	LF	987.5	950				1,937.5
02367	GUARDRAIL END TREATMENT TYPE 1	EACH	1	1		1		3
02369	GUARDRAIL END TREATMENT TYPE 2A	EACH	1	1		1		3
02381	REMOVE GUARDRAIL	LF	675	325				1000
02429	RIGHT-OF-WAY MONUMENT TYPE 1	EACH	1					1
02432	WITNESS POST	EACH	1					1
02483	CHANNEL LINING CLASS II	TON	20	667	6			693
02484	CHANNEL LINING CLASS III	TON		1218				1218
02545	CLEARING AND GRUBBING	LS	1					1
02562	TEMPORARY SIGNS	SQFT	500					500
02568	MOBILIZATION	LS	1					1
02569	DEMOLITION	LS	1					1
02602	FABRIC-GEOTEXTILE CLASS 1	SQYD	392	3073	13			3478
02625	REMOVE HEADWALL	EACH	4	3	3			10
02650	MAINTAIN & CONTROL TRAFFIC	LS	1					1
02671	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	6					6
02676	MOBILIZATION FOR MILL & TEXT	LS	1					1
02697	EDGE LINE RUMBLE STRIPS	LF		3335				3335
02701	TEMP SILT FENCE	LF	2701					2701
02703	SILT TRAP TYPE A	EACH	39					39
02704	SILT TRAP TYPE B	EACH	39					39
02705	SILT TRAP TYPE C	EACH	39					39
02706	CLEAN SILT TRAP TYPE A	EACH	39					39
02707	CLEAN SILT TRAP TYPE B	EACH	39					39
02708	CLEAN SILT TRAP TYPE C	EACH	39					39
02720	SIDEWALK-4 IN CONCRETE	SQYD				40		40
02726	STAKING	LS	1					1
05950	EROSION CONTROL BLANKET	SQYD		139				139
05952	TEMP MULCH	SQYD	124321					124321
05953	TEMP SEEDING AND PROTECTION	SQYD	93194					93194
05963	INITIAL FERTILIZER	TON	6.3					6.3
05964	MAINTENANCE FERTILIZER	TON	3.8					3.8
05985	SEEDING AND PROTECTION	SQYD	121339					121339
05990	SODDING	SQYD				60		60
05992	AGRICULTURAL LIMESTONE	TON	75.2					75.2
06401	FLEXIBLE DELINEATOR POST-MAN	EACH		34	38			72
06511	PAVE STRIPING-TEMP PAINT-6 IN	LF	26600					26600
06542	PAVE STRIPING-THERMO-6 IN W	LF	19750	1670	1256			22656
06543	PAVE STRIPING-THERMO-6 IN Y	LF	7015	835	920			8770

- NOTES:**
- ① SEE GENERAL NOTES FOR REMOVING GUARDRAIL
 - ② INCLUDES STRIPING REMOVAL ON BRIDGE
 - ③ APPROXIMATELY 7 ACRES OF CLEARING AND GRUBBING
 - ④ INCLUDES 5901 CY FOR EMB FOUNDATION BENCHING
 - ⑤ INCLUDES 37.5' FOR PAYMENT OF CURVE RAIL (30%) IN ADDITION TO THE INSTALL AMOUNT LISTED ON PLAN SHEETS
 - ⑥ ONLY IN THE AREA BEHIND CURB & GUTTER AT PADDOCKS ENTRANCE
 - ⑦ ITEMS TO BE USED AT THE ENGINEER'S DISCRETION FOR SUBGRADE STABILIZATION IF NEEDED.
 - ⑧ INCLUDES 1 TON FOR USE AROUND PERFORATED PIPE HEADWALL.
 - ⑨ SEE SHEET R02H FOR EARTHWORK SUMMARY

SEE NEXT SHEET FOR ITEMS RECOMMENDED TO BE ADDED.

PAVING SUMMARY

PAVING AREAS

ITEM CODE	ITEM	DEPTH (IN)	US 127	S Q U A R E Y A R D S			RAMP FF	PADDCKS ENT	S P E E D W A Y E N T R A N C E S	S Q U A R E Y A R D S	P R O J E C T T O T A L S
				RAMP G	RAMP F	RAMP FF					
	CL4 ASPH SURF 0.38A PG76-22	1.50	31,782					283		32,065	
	CL4 ASPH BASE 1.0D PG76-22	3.00	4,722					283		5,005	
	CL3 ASPH BASE 1.0D PG64-22	3.50	4,722					283		5,005	
	CSB	6.00	4,722					283		5,005	
	CL4 ASPH SURF 0.38A PG76-22	1.50		4,507	4,205	982				9,694	
	CL4 ASPH BASE 1.0D PG76-22	4.00		3,178	390	1,007				4,575	
	CL4 ASPH BASE 1.0D PG64-22	4.00		3,178	390	1,007				4,575	
	CSB	6.00		3,178	390	1,007				4,575	
	CL4 ASPH SURF 0.38A PG76-22	1.50					885			885	
	CL2 ASPH BASE 1.0D PG64-22	3.25					910			910	
	CL2 ASPH BASE 1.0D PG64-22	3.25					910			910	
	CSB	6.00					910			910	
	LEVELING & WEDGING PG76-22 (CUBIC YARDS)		10	60	120	0				190	
	CSB WEDGE (CUBIC YARDS)		283	448	0	122				853	
	ASPHALT SEAL AGGREGATE		112	552		137				801	
	ASPHALT SEAL COAT		112	552		137				801	
	ASPHALT MATERIAL FOR TACK NON-TRACKING		41,226	10,863	4,985	2,986	2,705	849		63,624	
	ASPHALT PAVE MILLING & TEXTURING (CUBIC YARDS)		1,220	55	159	0				1,434	

PAVING SUMMARY

ITEM CODE	ITEM	UNIT	US 127	RAMP G	RAMP F	RAMP FF	PADDCKS ENT	S P E E D W A Y E N T R A N C E S	P R O J E C T T O T A L S
00100	ASPHALT SEAL AGGREGATE (3)	TON	2.2	11.0	2.7				16
00103	ASPHALT SEAL COAT (4)	TON	0.3	1.3	0.3				2
00194	LEVELING & WEDGING PG76-22 (1)	TON	20	119	238				376
00212	CL2 ASPH BASE 1.0D PG64-22 (1)	TON					325		325
00214	CL3 ASPH BASE 1.0D PG64-22 (1)	TON	909	699	86	222			909
00217	CL4 ASPH BASE 1.0D PG64-22 (1)	TON		731	90	232			1,007
00219	CL4 ASPH BASE 1.0D PG76-22 (1)	TON	815	731	90	232			1,867
00342	CL4 ASPH SURF 0.38A PG76-22 (1)	TON	2,622	372	347	81	73		3,495
02677	ASPHALT PAVE MILLING & TEXTURING (1)	TON	2,416	109	315	0			2,839
24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING (5)	TON	14.4	3.8	1.7	1.0	0.9	0.3	23

- NOTES**
- (1) ESTIMATED AT 110 LBS. / SY PER IN OF DEPTH
 - (2) ESTIMATED AT 115 LBS. / SY PER IN OF DEPTH
 - (3) ESTIMATED AT 20 LBS. / SY (SIZE NO. 8 OR 9M) (TWO APPLICATIONS)
 - (4) ESTIMATED AT 2.4 LBS. / SY (TWO APPLICATION)
 - (5) ESTIMATED AT 0.70 LBS. / SY / ASPH. LIFT

NOTE: QUANTITIES ARE FOR ESTIMATING PURPOSES ONLY.



PAVING SUMMARY

PAVING AREAS

ITEM CODE	ITEM	DEPTH (IN)	US 127	S Q U A R E Y A R D S			RAMP FF	PADDCKS ENT	S P E E D W A Y ENTRANCES	S Q U A R E Y A R D S			PROJECT TOTALS
				RAMP G	RAMP F	RAMP FF				PADDCKS ENT	S P E E D W A Y ENTRANCES	TOTALS	
	CL4 ASPH SURF 0.38A PG76-22	1.50	31,782									32,065	
	CL4 ASPH BASE 1.0D PG76-22	3.00	4,722									5,005	
	CL3 ASPH BASE 1.0D PG64-22	3.50	4,722									5,005	
	CSB	6.00	4,722									5,005	
	CL4 ASPH SURF 0.38A PG76-22	1.50		4,507	4,205	982						9,694	
	CL4 ASPH BASE 1.0D PG76-22	4.00		3,178	390	1,007						4,575	
	CL4 ASPH BASE 1.0D PG64-22	4.00		3,178	390	1,007						4,575	
	CSB	6.00		3,178	390	1,007						4,575	
	CL4 ASPH SURF 0.38A PG76-22	1.50					885					885	
	CL4 ASPH BASE 1.0D PG76-22	3.25					910					910	
	CL2 ASPH BASE 1.0D PG64-22	3.25					910					910	
	CSB	6.00					910					910	
	LEVELING & WEDGING PG76-22 (CUBIC YARDS)		10	60	120	0						190	
	CSB WEDGE (CUBIC YARDS)		283	448	0	122						853	
	ASPHALT SEAL AGGREGATE		112	552	137	137						801	
	ASPHALT SEAL COAT		112	552	137	137						801	
	ASPHALT MATERIAL FOR TACK NON-TRACKING		41,226	10,863	4,985	2,986	2,705	849				63,624	
	ASPHALT PAVE MILLING & TEXTURING (CUBIC YARDS)		1,220	55	159	0						1,434	

PAVING SUMMARY

ITEM CODE	ITEM	UNIT	US 127	RAMP G	RAMP F	RAMP FF	PADDCKS ENT	S P E E D W A Y ENTRANCES	S Q U A R E Y A R D S			PROJECT TOTALS
									RAMP G	RAMP F	RAMP FF	
00003	CRUSHED STONE BASE (2)	TON	2,215	2,024	135	600	314	98				5,385
00100	ASPHALT SEAL AGGREGATE (3)	TON	2.2	11.0	2.7							16
00103	ASPHALT SEAL COAT (4)	TON	0.3	1.3	0.3							2
00194	LEVELING & WEDGING PG76-22 (1)	TON	20	119	238							376
00212	CL2 ASPH BASE 1.0D PG64-22 (1)	TON										325
00214	CL3 ASPH BASE 1.0D PG64-22 (1)	TON	909				325					909
00217	CL4 ASPH BASE 1.0D PG64-22 (1)	TON		699	86	222						1,007
00219	CL4 ASPH SURF 0.38A PG76-22 (1)	TON	815	731	80	222						1,867
00342	CL4 ASPH SURF 0.38A PG76-22 (1)	TON	2,622	372	347	81	73					3,495
02677	ASPHALT PAVE MILLING & TEXTURING (1)	TON	2,416	109	315	0						2,839
24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING (5)	TON	14.4	3.8	1.7	1.0	0.9	0.3				23

- NOTES**
- (1) ESTIMATED AT 110 LBS. / SY PER IN OF DEPTH
 - (2) ESTIMATED AT 115 LBS. / SY PER IN OF DEPTH
 - (3) ESTIMATED AT 20 LBS. / SY (SIZE NO. 8 OR 9M) (TWO APPLICATIONS)
 - (4) ESTIMATED AT 2.4 LBS. / SY (TWO APPLICATION)
 - (5) ESTIMATED AT 0.70 LBS. / SY / ASPH. LIFT

NOTE: QUANTITIES ARE FOR ESTIMATING PURPOSES ONLY.



TRAFFIC SIGNAL NOTES AND QUANTITIES

TRAFFIC SIGNAL QUANTITIES

ITEM CODE	ITEM	UNIT	TOTAL
4792	CONDUIT-1 IN	LF	208
4793	CONDUIT-1.1/4 IN	LF	10
4811	ELECTRICAL JUNCTION BOX TYPE B	EACH	2
4820	TRENCHING AND BACKFILLING	LF	238
4844	CABLE-NO. 14/5C	LF	2203
4884	ANCHOR	EACH	8
4886	MESSENGER-15400 LB	LF	640
4932	INSTALL STEEL STRAIN POLE	EACH	4
20093NS835	INSTALL PEDESTRIAN HEAD-LED	EACH	3
20188NS835	INSTALL LED SIGNAL-3 SECTION	EACH	10
20266NS835	INSTALL LED SIGNAL- 4 SECTION	EACH	2
20390NS835	INSTALL COORDINATING UNIT	EACH	1
20457NS835	INSTALL PED DETECTOR-AUDIBLE	EACH	3
21659NN	RELOCATE SIGNAL HEAD	EACH	4
23157EN	TRAFFIC SIGNAL POLE BASE	CUYD	19
23222EC	INSTALL SIGNAL PEDESTAL	EACH	2
24900EC	PVC CONDUIT-1.1/4 IN-SCHEDULE 80	LF	28
24901EC	PVC CONDUIT-2 IN-SCHEDULE 80	LF	100
24908EC	INSTALL SIGNAL CONTROLLER TY-ATC	EACH	1
26119FC	INSTALL RADAR PRESENCE DETECTOR TYPE A	EACH	3
26120FC	INSTALL RADAR ADVANCE DETECTOR TYPE B	EACH	1

THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION, AND OTHER SPECIAL NOTES AND SPECIFICATIONS WILL APPLY ON THIS PROJECT. SEE SECTION 706, 723, AND 112 FOR MEASUREMENT AND OTHER DETAILS. SEE SECTION 602 FOR SPIRAL REINFORCEMENT SPLICING.

THE CONTRACTOR SHALL MAKE AN INSPECTION OF THE PROJECT SITE PRIOR TO SUBMITTING A BID AND SHALL BE THOROUGHLY FAMILIARIZED WITH EXISTING CONDITIONS. SUBMISSIONS OF A BID WILL BE CONSIDERED AN AFFIRMATION OF THIS INSPECTION HAVING BEEN COMPLETED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PICKING UP INSTALL ITEMS FROM THE FRANKFORT POLE YARD AND DELIVERING THESE THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION, AND OTHER SPECIAL NOTES AND SPECIFICATIONS WILL APPLY ON THIS PROJECT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PICKING UP MATERIALS FOR INSTALL ITEMS AT KYTC'S DIVISION OF EQUIPMENT WAREHOUSE (1239 WILKINSON BOULEVARD, FRANKFORT, KY 40622). THE FOLLOWING PROCEDURES SHALL BE FOLLOWED FOR MATERIAL RELEASE. FAILURE TO FOLLOW THESE PROCEDURES MAY RESULT IN LONG DELAYS OR REFUSAL TO DISTRIBUTE MATERIALS UPON ARRIVAL.

- CONTRACTOR SHALL SECURE THE SIGNATURES OF KYTC'S PROJECT ENGINEER AND THE ELECTRICAL CONTRACTOR'S FOREMAN ON THE PROJECT MATERIALS RELEASE FORM. IF THE RELEASE FORM IS NOT IN THE PROPOSAL, CONTACT KERRY DECKER WITH THE DIVISION OF TRAFFIC OPERATIONS BY PHONE: 502-782-5536 OR EMAIL: KERRY.DECKER@KY.GOV .
- CONTRACTOR SHALL CONTACT THE WAREHOUSE TO PREARRANGE PICK UP OF MATERIALS. CONTRACTOR SHALL EMAIL THE PROJECT MATERIALS RELEASE FORM WITH REQUIRED SIGNATURES TO THE WAREHOUSE AT KIM.STAMPER@KY.GOV AND SHALL NOTIFY THE WAREHOUSE BY PHONE (502-782-8994/502-330-8153) OR EMAIL KIM.STAMPER@KY.GOV AT LEAST TWO (2) WORKING DAYS PRIOR TO ARRIVAL.
- CONTRACTOR SHALL ALSO CONTACT THE SIGNAL SYSTEM BRANCH OF THE DIVISION OF TRAFFIC OPERATIONS BY PHONE (502-782-5543/502-782-5547) OR EMAIL (JOE.THOMPSON@KY.GOV/LARRY.IRISH@KY.GOV) AT LEAST TWO (2) WORKING DAYS PRIOR TO ARRIVAL TO FACILITATE PROGRAMMING OF ROUTERS.
- CONTRACTOR SHALL ARRIVE AT THE KYTC'S DIVISION OF EQUIPMENT WAREHOUSE (1239 WILKINSON BOULEVARD, FRANKFORT, KY 40622) AT THE PREARRANGED DATE/TIME FOR MATERIAL PICK UP. TO FACILITATE THIS PROCESS, ENSURE CONTRACTOR'S DELIVERY DRIVER HAS A COPY OF THE PROJECT MATERIALS RELEASE FORM WITH THE REQUIRED SIGNATURES.

MEASUREMENT NOTES THAT ARE IN ADDITION TO SECTION 723

INSTALL SIGNAL CONTROLLER TYPE ATC. THE DEPARTMENT WILL MEASURE THE QUANTITY AS EACH INDIVIDUAL UNIT INSTALLED. THE DEPARTMENT WILL NOT MEASURE THE CONCRETE BASE, MOUNTING THE CABINET, CONNECTING THE SIGNAL AND DETECTORS, EXCAVATION, BACKFILLING, RESTORATION, ANY NECESSARY POLE MOUNTING HARDWARE, ELECTRIC SERVICE, ELECTRICAL INSPECTION FEES, AND REQUIRED BUILDING FEES INVOLVING UTILITY SECONDARY/PRIMARY SERVICE FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK. THE DEPARTMENT WILL ALSO NOT MEASURE CONNECTING THE INDUCTION LOOP AMPLIFIERS, PEDESTRIAN ISOLATORS, LOAD SWITCHES, MODEL 400 MODEM CARD FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK. THE DEPARTMENT WILL ALSO NOT MEASURE FURNISHING AND INSTALLING ELECTRICAL SERVICE CONDUCTORS, CONDUITS, ANCHORS, METER BASE, FUSED CUTOUT, FUSES, GROUND RODS, GROUND LUGS, AND GROUND WIRES FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK.

INSTALL RADAR PRESENCE DETECTOR TYPE A SHALL CONSIST OF INSTALLATION OF A POLE MOUNTED RADAR PRESENCE SENSOR, SENSOR MOUNTING BRACKET, SENSOR CABLES, INTERFACE BOXES, LEAD-IN CABLE, CONNECTORS (FURNISHED BY CONTRACTOR), AND CONTROLLER INTERFACE ASSEMBLY. RADAR PRESENCE DETECTOR TYPE A BID ITEM SHALL INCLUDE ALL LABOR REQUIRED TO PROVIDE A FUNCTIONAL DETECTION SYSTEM. RADAR PRESENCE DETECTOR TYPE A SHALL BE INSTALLED AND WIRED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. AFTER THE DETECTOR IS INSTALLED AND BEFORE THE DETECTOR IS POWERED ON, THE CONTRACTOR SHALL COORDINATE WITH DISTRICT TRAFFIC DIVISION'S REPRESENTATIVES TO SCHEDULE A TIME TO PERFORM THE DETECTOR SETUP. THE CONTRACTOR SHALL DOUBLE CHECK TO VERIFY THAT ALL WIRING IS CORRECTLY INSTALLED AND CONNECTED BEFORE SCHEDULING THE SETUP WORK. REPRESENTATIVES FROM KYTC AND/OR THE MANUFACTURER OR SALES REPRESENTATIVE WILL ASSIST WITH SETUP AND CALIBRATION. THE CONTRACTOR SHALL PROVIDE A BUCKET TRUCK AND OPERATORS AT THIS TIME FOR FINAL AIMING OF THE SENSORS. THE CONTRACTOR SHALL PROVIDE INDIVIDUALS CAPABLE OF OPERATING THE SETUP SOFTWARE AND LEARNING THE SETUP PROCESS SO THAT FUTURE INSTALLATIONS MAY BE COMPLETED WITHOUT ASSISTANCE FROM OTHERS.

INSTALL RADAR ADVANCE DETECTOR TYPE B SHALL CONSIST OF INSTALLATION OF A POLE MOUNTED RADAR PRESENCE SENSOR, SENSOR MOUNTING BRACKET, SENSOR CABLES, INTERFACE BOXES, LEAD-IN CABLE, CONNECTORS (FURNISHED BY CONTRACTOR), AND CONTROLLER INTERFACE ASSEMBLY. RADAR ADVANCE DETECTOR TYPE B BID ITEM SHALL INCLUDE ALL LABOR REQUIRED TO PROVIDE A FUNCTIONAL DETECTION SYSTEM. RADAR ADVANCE DETECTOR TYPE B SHALL BE INSTALLED AND WIRED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. AFTER THE DETECTOR IS INSTALLED AND BEFORE THE DETECTOR IS POWERED ON, THE CONTRACTOR SHALL COORDINATE WITH DISTRICT TRAFFIC DIVISION'S REPRESENTATIVES TO SCHEDULE A TIME TO PERFORM THE DETECTOR SETUP. THE CONTRACTOR SHALL DOUBLE CHECK TO VERIFY THAT ALL WIRING IS CORRECTLY INSTALLED AND CONNECTED BEFORE SCHEDULING THE SETUP WORK. REPRESENTATIVES FROM KYTC AND/OR THE MANUFACTURER OR SALES REPRESENTATIVE.

CONSTRUCTION AND MEASUREMENT NOTES THAT ARE CONTRARY TO SECTION 723

SUBSECTION:03.02 POLES AND BASES INSTALLATION. B) REVISION:REPLACE ENTIRE TABLE WITH THE FOLLOWING:

MAXIMUM SERVICE FORCES	DIAMETER (IN.)	DEPTH (FEET)				VERTICAL BARS		TIES OR SPIRAL	
		< 2:1	GROUND ROCK	2:1	GROUND ROCK	SIZE	TOTAL	BAR SIZE	SPACING OR PITCH (IN.)
0-9.9	36	6	6	6	6	#8	#4	12	
10-19.9	36	7	6	6	6	#8	#4	12	
20-29.9	36	8	6	6	6	#8	#4	12	
30-39.9	36	9	6	6	6	#8	#4	12	
40-49.9	36	9.5	6	6	6	#8	#4	12	
50-59.9	36	10	6	6	6	#8	#4	12	
60-69.9	36	11	6	6	6	#8	#4	12	
70-79.9	36	11.5	6	6	6	#8	#4	12	
80-89.9	36	12	6	6	6	#8	#4	12	
90-99.9	36	12.5	6	6	6	#8	#4	12	
100-199.9	36	13	6	6	6	#8	#4	12	
150-199.9	36	14	6	6	6	#8	#4	12	
200-249.9	36	14.5	6	6	6	#8	#4	12	
250-299.9	36	15	6	6	6	#8	#4	12	
300-399.9	36	15.5	6	6	6	#8	#4	12	
400-499.9	36	16	6	6	6	#8	#4	12	
500-600	48	21.5	7.5	7.5	7.5	#9	#4	12	
		22.5	7.5	7.5	7.5	#9	#4	12	

SUBSECTION: 03.17 A) TESTING. REVISION: REPLACE FIFTH SENTENCE WITH THE FOLLOWING: THE CONTRACTOR SHALL VERIFY THAT THE LOOPS (BOTH EXISTING AND REPLACEMENT LOOPS) MEETS THE REQUIREMENTS BEFORE THE FINAL SURFACE IS LAID.

ADD FOLLOWING SENTENCE AT END OF PARAGRAPH: IF THE ENGINEER DECIDES TO REPLACE ANY LOOPS BEFORE TESTING, BID ITEM LOOP TEST WILL NOT BE USED FOR THAT LOOP LOCATION.

SUBSECTION: 03.12 WIRING INSTALLATION. REVISION: SEE TRAFFIC OPERATIONS WEBSITE FOR WORD DOCUMENT TO REPLACE ALL CHARTS FOR WIRING TO SHOW CHANGES FOR EQUIPMENT GROUNDING.

SUBSECTION: 04.22 REMOVE SIGNAL EQUIPMENT. (CONSTRUCTION ONLY) REVISION: REPLACE THE PARAGRAPH WITH THE FOLLOWING: THE DEPARTMENT WILL MEASURE THE QUANTITY BY EACH. THE DEPARTMENT WILL NOT MEASURE BACKFILLING AND THE DISPOSAL OR TRANSPORTATION OF EQUIPMENT AND MATERIALS ASSOCIATED WITH ANY STRUCTURAL OR ELECTRICAL COMPONENT OF THE SIGNAL SYSTEM INCLUDING, BUT NOT LIMITED TO POLE BASES, POLES, JUNCTION BOXES, CABINETS, AND WOOD POLES FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK. THE DEPARTMENT WILL MEASURE THE QUANTITY BY EACH. THE DEPARTMENT WILL NOT MEASURE BACKFILLING AND THE DISPOSAL TRANSPORTATION OF EQUIPMENT AND MATERIALS ASSOCIATED WITH ANY STRUCTURAL OR ELECTRICAL COMPONENT OF THE SIGNAL SYSTEM INCLUDING, BUT NOT LIMITED TO POLE BASES, POLES, JUNCTION BOXES, CABINETS, AND WOOD POLES FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK.

MATERIAL NOTES THAT ARE CONTRARY TO SECTION 835

SUBSECTION: 21 WARNING TAPE REVISION: REPLACE FIRST SENTENCE WITH THE FOLLOWING IN 834.33: PROVIDE DETECTABLE TYPE TAPE THAT IS 6 INCHES WIDE AND 7.0 MIL (NOMINAL)THICK.

ADD SENTENCE TO SECTION 835.15: ALL WIRE SHALL HAVE WORDING ADDED TO THE OUTER JACKET THAT STATES: "PROPERTY OF KENTUCKY TRANSPORTATION CABINET 502 564 0507".

3-15-2023



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS



DRAWING TITLE: TRAFFIC SIGNAL NOTES AND QUANTITIES

PROJECT NUMBER:
FD52_037_0127_004-005
STP_6000207

DESIGNED BY: CHASE K. WRIGHT, P.E.
DATE SUBMITTED: 05-13-2024

ITEM NO. 05-80212.00
COUNTY OF FRANKLIN
SHEET NO. T2

TRAFFIC SIGNAL NOTES AND QUANTITIES

TRAFFIC SIGNAL QUANTITIES

ITEM CODE	ITEM	UNIT	TOTAL
4792	CONDUIT-1 IN	LF	208
4793	CONDUIT-1 1/4 IN	LF	10
4811	ELECTRICAL JUNCTION BOX TYPE B	EACH	2
4820	TRENCHING AND BACKFILLING		238
4844	CABLE-NO. 14/5C	LF	2203
4884	ANCHOR	EACH	8
4886	MESSENGER-15400 LB	LF	640
4932	INSTALL STEEL STRAIN POLE	EACH	4
20093NS835	INSTALL PEDESTRIAN HEAD-LED	EACH	3
20188NS835	INSTALL LED SIGNAL-3 SECTION	EACH	10
20266NS835	INSTALL LED SIGNAL- 4 SECTION	EACH	2
20390NS835	INSTALL COORDINATING UNIT	EACH	1
20457NS835	INSTALL PED DETECTOR-AUDIBLE	EACH	3
21659NN	RELOCATE SIGNAL HEAD	EACH	4
23157EN	TRAFFIC SIGNAL POLE BASE	CLYD	19
23222EC	INSTALL SIGNAL PEDESTAL	EACH	2
24900EC	PVC CONDUIT-1 3/4 IN-SCHEDULE 80	LF	28
24901EC	PVC CONDUIT-2 IN-SCHEDULE 80	LF	100
24908EC	INSTALL SIGNAL CONTROLLER TY-ATC	EACH	1
26119FC	INSTALL RADAR PRESENCE DETECTOR TYPE A	EACH	3
26120FC	INSTALL RADAR ADVANCE DETECTOR TYPE B	EACH	1

THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION, AND OTHER SPECIAL NOTES AND SPECIFICATIONS WILL APPLY ON THIS PROJECT. SEE SECTION 706, 723, AND 112 FOR MEASUREMENT AND OTHER DETAILS. SEE SECTION 602 FOR SPIRAL REINFORCEMENT SPLICING.

THE CONTRACTOR SHALL MAKE AN INSPECTION OF THE PROJECT SITE PRIOR TO SUBMITTING A BID AND SHALL BE THOROUGHLY FAMILIARIZED WITH EXISTING CONDITIONS. SUBMISSIONS OF A BID WILL BE CONSIDERED AN AFFIRMATION OF THIS INSPECTION HAVING BEEN COMPLETED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PICKING UP INSTALL ITEMS FROM THE FRANKFORT POLE YARD AND DELIVERING THESE THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION, AND OTHER SPECIAL NOTES AND SPECIFICATIONS WILL APPLY ON THIS PROJECT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PICKING UP MATERIALS FOR INSTALL ITEMS AT KYTC'S DIVISION OF EQUIPMENT WAREHOUSE (1239 WILKINSON BOULEVARD, FRANKFORT, KY 40622). THE FOLLOWING PROCEDURES SHALL BE FOLLOWED FOR MATERIAL RELEASE. FAILURE TO FOLLOW THESE PROCEDURES MAY RESULT IN LONG DELAYS OR REFUSAL TO DISTRIBUTE MATERIALS UPON ARRIVAL.

- CONTRACTOR SHALL SECURE THE SIGNATURES OF KYTC'S PROJECT ENGINEER AND THE ELECTRICAL CONTRACTOR'S FOREMAN ON THE PROJECT MATERIALS RELEASE FORM. IF THE RELEASE FORM IS NOT IN THE PROPOSAL, CONTACT KERRY DECKER WITH THE DIVISION OF TRAFFIC OPERATIONS BY PHONE: 502-782-5536 OR EMAIL: KERRY.DECKER@KY.GOV .
- CONTRACTOR SHALL CONTACT THE WAREHOUSE TO PREARRANGE PICK UP OF MATERIALS. CONTRACTOR SHALL EMAIL THE PROJECT MATERIALS RELEASE FORM WITH REQUIRED SIGNATURES TO THE WAREHOUSE AT KIM.STAMPER@KY.GOV AND SHALL NOTIFY THE WAREHOUSE BY PHONE (502-782-8994/502-330-8153) OR EMAIL KIM.STAMPER@KY.GOV AT LEAST TWO (2) WORKING DAYS PRIOR TO ARRIVAL.
- CONTRACTOR SHALL ALSO CONTACT THE SIGNAL SYSTEM BRANCH OF THE DIVISION OF TRAFFIC OPERATIONS BY PHONE (502-782-5543/502-782-5547) OR EMAIL (JOE.THOMPSON@KY.GOV/LARRY.IRISH@KY.GOV) AT LEAST TWO (2) WORKING DAYS PRIOR TO ARRIVAL TO FACILITATE PROGRAMMING OF ROUTERS.
- CONTRACTOR SHALL ARRIVE AT THE KYTC'S DIVISION OF EQUIPMENT WAREHOUSE (1239 WILKINSON BOULEVARD, FRANKFORT, KY 40622) AT THE PREARRANGED DATE/TIME FOR MATERIAL PICK UP. TO FACILITATE THIS PROCESS, ENSURE CONTRACTOR'S DELIVERY DRIVER HAS A COPY OF THE PROJECT MATERIALS RELEASE FORM WITH THE REQUIRED SIGNATURES.

MEASUREMENT NOTES THAT ARE IN ADDITION TO SECTION 723

INSTALL SIGNAL CONTROLLER TYPE ATC. THE DEPARTMENT WILL MEASURE THE QUANTITY AS EACH INDIVIDUAL UNIT INSTALLED. THE DEPARTMENT WILL NOT MEASURE THE CONCRETE BASE, MOUNTING THE CABINET, CONNECTING THE SIGNAL AND DETECTORS, EXCAVATION, BACKFILLING, RESTORATION, ANY NECESSARY POLE MOUNTING HARDWARE, ELECTRIC SERVICE, ELECTRICAL INSPECTION FEES, AND REQUIRED BUILDING FEES INVOLVING UTILITY SECONDARY/PRIMARY SERVICE FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK. THE DEPARTMENT WILL ALSO NOT MEASURE CONNECTING THE INDUCTION LOOP AMPLIFIERS, PEDESTRIAN ISOLATORS, LOAD SWITCHES, MODEL 400 MODEM CARD FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK. THE DEPARTMENT WILL ALSO NOT MEASURE FURNISHING AND INSTALLING ELECTRICAL SERVICE CONDUCTORS, CONDUITS, ANCHORS, METER BASE, FUSED CUTOUT, FUSES, GROUND RODS, GROUND LUGS, AND GROUND WIRES FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK.

INSTALL RADAR PRESENCE DETECTOR TYPE A SHALL CONSIST OF INSTALLATION OF A POLE MOUNTED RADAR PRESENCE SENSOR, SENSOR MOUNTING BRACKET, SENSOR CABLES, INTERFACE BOXES, LEAD-IN CABLE, CONNECTORS (FURNISHED BY CONTRACTOR), AND CONTROLLER INTERFACE ASSEMBLY. RADAR PRESENCE DETECTOR TYPE A BID ITEM SHALL INCLUDE ALL LABOR REQUIRED TO PROVIDE A FUNCTIONAL DETECTION SYSTEM. RADAR PRESENCE DETECTOR TYPE A SHALL BE INSTALLED AND WIRED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. AFTER THE DETECTOR IS INSTALLED AND BEFORE THE DETECTOR IS POWERED ON, THE CONTRACTOR SHALL COORDINATE WITH DISTRICT TRAFFIC DIVISION'S REPRESENTATIVES TO SCHEDULE A TIME TO PERFORM THE DETECTOR SETUP. THE CONTRACTOR SHALL DOUBLE CHECK TO VERIFY THAT ALL WIRING IS CORRECTLY INSTALLED AND CONNECTED BEFORE SCHEDULING THE SETUP WORK. REPRESENTATIVES FROM KYTC AND/OR THE MANUFACTURER OR SALES REPRESENTATIVE WILL ASSIST WITH SETUP AND CALIBRATION. THE CONTRACTOR SHALL PROVIDE A BUCKET TRUCK AND OPERATORS AT THIS TIME FOR FINAL AIMING OF THE SENSORS. THE CONTRACTOR SHALL PROVIDE INDIVIDUALS CAPABLE OF OPERATING THE SETUP SOFTWARE AND LEARNING THE SETUP PROCESS SO THAT FUTURE INSTALLATIONS MAY BE COMPLETED WITHOUT ASSISTANCE FROM OTHERS.

INSTALL RADAR ADVANCE DETECTOR TYPE B SHALL CONSIST OF INSTALLATION OF A POLE MOUNTED RADAR PRESENCE SENSOR, SENSOR MOUNTING BRACKET, SENSOR CABLES, INTERFACE BOXES, LEAD-IN CABLE, CONNECTORS (FURNISHED BY CONTRACTOR), AND CONTROLLER INTERFACE ASSEMBLY. RADAR ADVANCE DETECTOR TYPE B BID ITEM SHALL INCLUDE ALL LABOR REQUIRED TO PROVIDE A FUNCTIONAL DETECTION SYSTEM. RADAR ADVANCE DETECTOR TYPE B SHALL BE INSTALLED AND WIRED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. AFTER THE DETECTOR IS INSTALLED AND BEFORE THE DETECTOR IS POWERED ON, THE CONTRACTOR SHALL COORDINATE WITH DISTRICT TRAFFIC DIVISION'S REPRESENTATIVES TO SCHEDULE A TIME TO PERFORM THE DETECTOR SETUP. THE CONTRACTOR SHALL DOUBLE CHECK TO VERIFY THAT ALL WIRING IS CORRECTLY INSTALLED AND CONNECTED BEFORE SCHEDULING THE SETUP WORK. REPRESENTATIVES FROM KYTC AND/OR THE MANUFACTURER OR SALES REPRESENTATIVE.

CONSTRUCTION AND MEASUREMENT NOTES THAT ARE CONTRARY TO SECTION 723

SUBSECTION:03.02 POLES AND BASES INSTALLATION. B) REVISION:REPLACE ENTIRE TABLE WITH THE FOLLOWING:

MAXIMUM SERVICE FORCES	DIAMETER (IN.)	DEPTH (FEET)				VERTICAL BARS		TIES OR SPIRAL	
		< 2:1	GROUND ROCK	2:1	GROUND ROCK	SIZE	TOTAL	BAR SIZE	SPACING OR PITCH (IN.)
0-9.9	36	6	6	6.5	6	#8	#4	12	
10-19.9	36	7	6	8	6	#8	#4	12	
20-29.9	36	8	6	9	6	#8	#4	12	
30-39.9	36	9	6	10	6	#8	#4	12	
40-49.9	36	9.5	6	10.5	6	#8	#4	12	
50-59.9	36	10	6	11	6	#8	#4	12	
60-69.9	36	11	6	12	6	#8	#4	12	
70-79.9	36	11.5	6	12.5	6	#8	#4	12	
100-199.9	36	12.5	6	13.5	6	#8	#4	12	
150-199.9	36	14.5	6	15	6	#8	#4	12	
200-249.9	36	17.5	6	17.5	6	#8	#4	12	
250-299.9	36	18.5	6.5	21.5	6.5	#8	#4	12	
300-399.9	36	21	7.5	25	7.5	#8	#4	6	
400-499.9	42	21.5	7.5	25.5	7.5	#8	#4	12	
500-600	48	22.5	7.5	25.5	7.5	#9	#4	12	

SUBSECTION: 03.17 A) TESTING.

REVISION: REPLACE FIFTH SENTENCE WITH THE FOLLOWING:
THE CONTRACTOR SHALL VERIFY THAT THE LOOPS (BOTH EXISTING AND REPLACEMENT LOOPS) MEETS THE REQUIREMENTS BEFORE THE FINAL SURFACE IS LAID.

ADD FOLLOWING SENTENCE AT END OF PARAGRAPH:

IF THE ENGINEER DECIDES TO REPLACE ANY LOOPS BEFORE TESTING, BID ITEM LOOP TEST WILL NOT BE USED FOR THAT LOOP LOCATION.

SUBSECTION: 03.12 WIRING INSTALLATION.

REVISION: SEE TRAFFIC OPERATIONS WEBSITE FOR WORD DOCUMENT TO REPLACE ALL CHARTS FOR WIRING TO SHOW CHANGES FOR EQUIPMENT GROUNDING.

SUBSECTION: 04.22 REMOVE SIGNAL EQUIPMENT. (CONSTRUCTION ONLY)
REVISION: REPLACE THE PARAGRAPH WITH THE FOLLOWING: THE DEPARTMENT WILL MEASURE THE QUANTITY BY EACH. THE DEPARTMENT WILL NOT MEASURE BACKFILLING AND THE DISPOSAL OR TRANSPORTATION OF EQUIPMENT AND MATERIALS ASSOCIATED WITH ANY STRUCTURAL OR ELECTRICAL COMPONENT OF THE SIGNAL SYSTEM INCLUDING, BUT NOT LIMITED TO POLE BASES, POLES, JUNCTION BOXES, CABINETS, AND WOOD POLES FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK. THE DEPARTMENT WILL MEASURE THE QUANTITY BY EACH. THE DEPARTMENT WILL NOT MEASURE BACKFILLING AND THE DISPOSAL TRANSPORTATION OF EQUIPMENT AND MATERIALS ASSOCIATED WITH ANY STRUCTURAL OR ELECTRICAL COMPONENT OF THE SIGNAL SYSTEM INCLUDING, BUT NOT LIMITED TO POLE BASES, POLES, JUNCTION BOXES, CABINETS, AND WOOD POLES FOR PAYMENT AND WILL CONSIDER THEM INCIDENTAL TO THIS ITEM OF WORK.

MATERIAL NOTES THAT ARE CONTRARY TO SECTION 835

SUBSECTION: 21 WARNING TAPE

REVISION: REPLACE FIRST SENTENCE WITH THE FOLLOWING IN 834.33:

PROVIDE DETECTABLE TYPE TAPE THAT IS 6 INCHES WIDE AND 7.0 MIL (NOMINAL) THICK.

ADD SENTENCE TO SECTION 835.15: ALL WIRE SHALL HAVE WORDING ADDED TO THE OUTER JACKET THAT STATES: "PROPERTY OF KENTUCKY TRANSPORTATION CABINET 502 564 0507".

3-15-2023



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS



DRAWING TITLE: TRAFFIC SIGNAL NOTES AND QUANTITIES

PROJECT NUMBER:
FD52.037.0127.004-005
STP.6000207

DESIGNED BY: CHASE K. WRIGHT, P.E.
DATE SUBMITTED: 05-13-2024

ITEM NO. 05-80212.00
COUNTY OF FRANKLIN
SHEET NO. T2