

GUARDRAIL											
	DL PL	TERM MKR, DA (EACH)	TBT TY 1 SP (TANG) (EACH)	SPBGR TY A 6' POSTS (FOOT)	TBT TY 6 (EACH)	TBT TY 6 A (EACH)	TBT TY 2 (EACH)	GR MKR (EACH)	HMA SHLDS 6" FOR SPBGR STABILIZATION*	EARTH EXCAVATION	GR REMOVAL
STA TO STA		EA	EA	FT	EA	EA	EA	EA	SQ YD	CU YD	FOOT
OVERHEAD SN 006-0131 NW QUADRANT**		1	1	295		1		5			390
OVERHEAD SN 006-0131 NE QUADRANT**		1	1	295		1		5			390
OVERHEAD SN 006-0131 SW QUADRANT**		1	1	195		1		4			290
OVERHEAD SN 006-0131 SW QUADRANT**		1	1	195		1		4			290
SN 006-0131 SUBTOTAL		4	4	980	0	4	0	18	0		1360
EASTBOUND											
STA 1313+60 TO STA 1316+00**	DL	1	1	177			1	3	86	14	240
STA 1341+22 TO STA 1344+50	DL	1	1	235	1			3	119	20	230
STA 1344+90 TO STA 1346+10**	DL	1	1	72	1		1	2	45	8	120
STA 1402+20 TO STA 1405+70**	DL	1	1	287			1	5	120	20	350
EASTBOUND SUBTOTAL		4	4	771	2	0	3	13	370	62	940
WESTBOUND											
STA 1401+20 TO STA 1398+10**	DL	1	1	247			1	4	106	18	310
STA 1344+84 TO STA 1348+12	DL	1	1	235	1			3	119	20	228
WESTBOUND SUBTOTAL		2	2	482	1	0	1	7	225	38	538
GRAND TOTAL-ALL RURAL		10	10	2233	3	4	4	38	595	99	2838

\*NO STABILIZATION REQUIRED FOR GUARDRAIL ALONG CH 27.  
 \*\*PLACE GUARDRAIL AT EXACT LOCATION AS EXISTING GUARDRAIL FOR THESE LOCATIONS  
 \*\*URBAN/RURAL SPLIT IS AS FOLLOWS: URBAN 1080+00 TO STA 1205+10.17 -RURAL STA 1205+10.17 TO STA 1405+64

STAGE CONSTRUCTION ITEMS													
LOCATION	STA	LENGTH	TEMPORARY CONCRETE BARRIER FOOT	TEMP MODULAR GLARE SCREENS(6) FOOT	TEMPORARY SPBGR, TA FOOT	TBT, T1 (SPECIAL) TANGEANT EACH	TBT, T6 EACH	HMA(3) SURF REM 9" SQ YD	HMA (3) SHOULDERS 9" SQ YD	WORK ZONE PVT MK REMOVAL(4) SQ FT	PAVEMENT MARKING REMOVAL(5) SQ FT	WET TEMP PVT MK TAPE, TYPE III-4"	
												WHITE FOOT	YELLOW FOOT
STAGE I													
WBL	1181+63 TO 1188+41	241								180.5	79.5	241.0	241.0
	1188+41 TO 1216+00	2800								1884.8	824.0	2800.0	2800.0
	1216+00 TO 1220+00	400			195	1	1			286.4	132.0	400.0	400.0
	1220+00 TO 1226+00	600								333.0	198.0	500.0	500.0
	1226+00 TO 1230+00	400			195	1	1			286.4	132.0	400.0	400.0
	1230+00 TO 1276+00	4600								3083.6	1518.0	4600.0	4600.0
	1276+00 TO 1332+50	5650								3782.9	1864.5	5650.0	5650.0
	1332+50 TO 1347+50	1500								499.5	188.0	1500.0	1500.0
EBL													
	1166+34 TO 1181+34	1500								500	198.0	1500.0	
	1181+34 TO 1183+59	225								150	102.4	225.0	225.0
	1183+34 TO 1332+40	14881								9911	6770.9	14881.0	14881.0
STAGE II													
EBL	1189+00 TO 1184+00	1500								500	188.0	1500.0	1500.0
	1184+00 TO 1220+00	3600								2398	1188.0	3600.0	3600.0
	1220+00 TO 1224+00	400			195	1	1			266	132.0	400.0	400.0
	1224+00 TO 1231+00	700								466	231.0	700.0	700.0
	1231+00 TO 1234+00	300			195	1	1			200	99.0	300.0	300.0
	1234+00 TO 1332+87	9887								6685	3262.7	9887.0	9887.0
WBL													
	1184+12 TO 1188+73	281								174	86.1	281.0	281.0
	1188+73 TO 1273+00	8627								5746	3925.3	8627.0	8627.0
	1273+37 TO 1330+00	5683								3772	2578.7	5683.0	5683.0
	1330+00 TO 1335+12	512								341	233.0	512.0	512.0
	1335+12 TO 1350+12	1500								500	188.0	1500.0	1500.0
STAGE I													
	1184+12 TO 1334+89	15077	15077	15077									
STAGE II													
	1181+63 TO 1332+40	15087	15087	15087									
WBL 10' SHLD (FOR STAGE I TRAFFIC)													
	1185+82 TO 1330+50 (1)	14488						6247.0	6247.0				
EBL 10' SHLD (FOR STAGE II TRAFFIC)													
	1184+00 TO 1330+87 (2)	10217						4540.0	4540.0				
URBAN TOTAL													
			4455.0	4455.0				1402.31	1402.31	5423.9726	3146.9113	8144.11	8144.11
RURAL TOTAL													
			25709.0	25709.0	780.0	4.0	4.0	9384.69	9384.69	35567.6967	20693.8635	52752.45	54057.45
GRAND TOTALS													
			30164.0	30164.0	780.0	4.0	4.0	10787	10787	40992	23841	123098	

\*OVERALL LENGTH INCLUDES LENGTH TO REMOVE EXISTING CENTERLINE PVT MK  
 (1) LENGTH HERE = ACTUAL LENGTH - LENGTH OF AREAS WHERE THERE WILL BE NEW SHOULDERS NEAR STRUCTURES=4450 LN FT. NO BIT SHOULDER NEEDED FOR NEWLY CONSTRUCTED AREAS NEAR BRIDGES-STA3058+20 TO STA 3096+65  
 (2) LENGTH HERE = ACTUAL LENGTH - LENGTH OF ALL STRUCTURES = 413'  
 (3) TO BE PERFORMED PRIOR TO STAGE I CONSTRUCTION  
 (4) WK ZONE PVT MK REMOVAL IS TO REMOVE THE WET WEATHER TAPE PLACED AFTER STAGE I AND STAGE II CONSTRUCTION  
 (5) PAVEMENT MARKING REMOVAL IS TO REMOVE EXISTING PAVEMENT MARKINGS PRIOR TO STAGE I AND STAGE II CONSTRUCTION  
 (6) GLARE SCREENS TO BE USED DURING STAGE I AND STAGE II CONSTRUCTION  
 USE A 24" HEIGHT FOR GLARE SCREENS, SPACED AT 22" CENTERS, MAX. INSTALLATION ANGLE IS 70 DEGREES.  
 \*\*URBAN/RURAL SPLIT IS AS FOLLOWS: URBAN 1080+00 TO STA 1205+10.17 -RURAL STA 1205+10.17 TO STA 1405+64