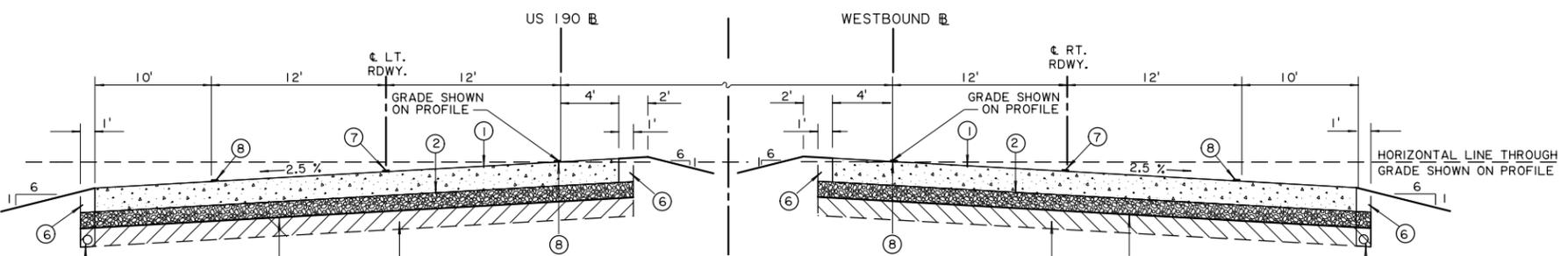


**TYPICAL GRADING SECTION (N.T.S.)**  
 ● APPLIES STA. 12+963.905 TO STA. 19+650.000

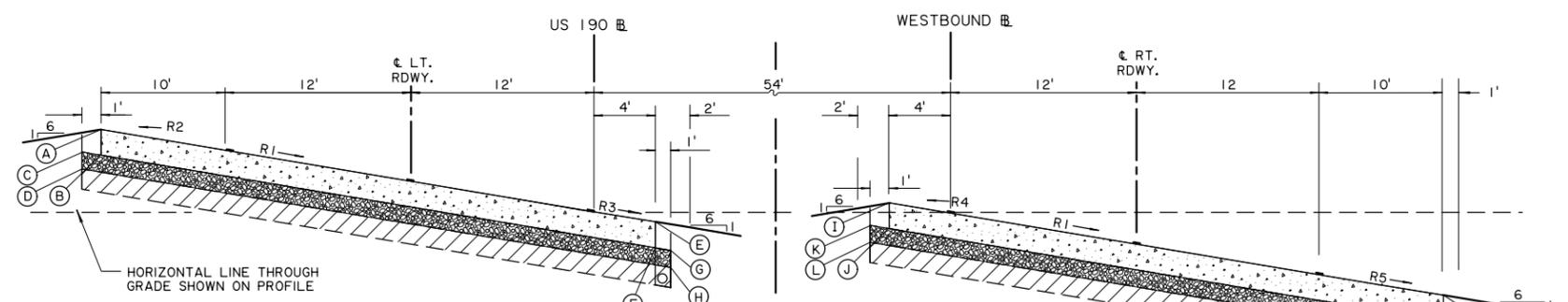
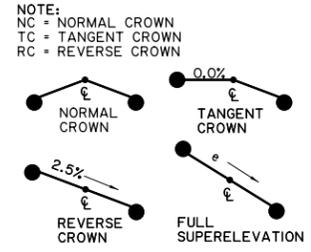
\* TO BE USED WHEN "D" EXCEEDS 8'  
 4:1 SLOPE WILL THEN CONTINUE TO DITCH BOTTOM.  
 Δ TO BE CONSTRUCTED FREE OF OBSTRUCTIONS.



**TYPICAL FINISHED SECTION (N.T.S.)**  
 ● APPLIES STA. 12+953.905 TO STA. 19+700.000 WESTBOUND  
 ● APPLIES STA. 12+953.905 TO STA. 19+300.000 EASTBOUND

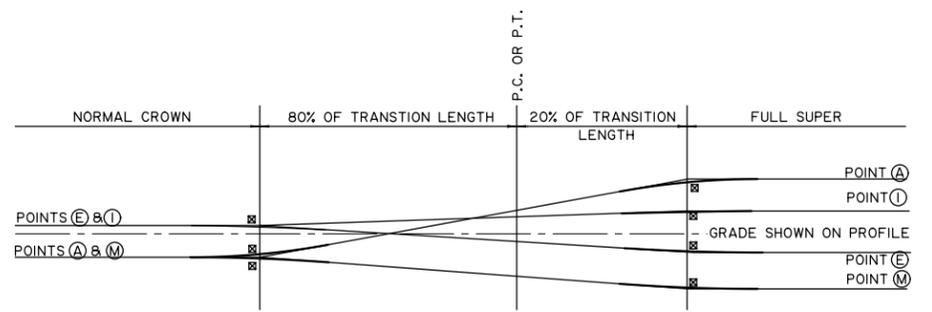
**LEGEND**

- ① 10.0" JOINTED CONCRETE PAVEMENT
- ② 10.0" CLASS II BASE COURSE (CRUSHED STONE OR RECYCLED PCCP ONLY)
- ③ 12" LIME SLURRY TREATMENT, TYPE 'D', 9% BY VOL (AS DIRECTED BY THE PROJECT ENGINEER)
- ④ SHOULDER UNDERDRAIN (ENCAPSULATED WITH GEOTEXTILE FABRIC)
- ⑤ GEOTEXTILE FABRIC (REQ'D BETWEEN CLASS II BASE COURSE AND SUBGRADE)
- ⑥ EMBANKMENT
- ⑦ PAVEMENT STRIPING & REFLECTORIZED MARKERS
- ⑧ PAVEMENT STRIPING



**FULLY SUPERELEVATED SECTION (N.T.S.)**  
 ● APPLIES STA. 12+160.861 TO STA. 12+837.905

■ 100 ft VERTICAL CURVE REQUIRED AT ALL ANGULAR BREAKS IN GRADE.



**SUPERELEVATION DIAGRAM FOR ROTATION ABOUT CENTERLINE**  
 (FOR RIGHT CURVATURE)

● THE LIMITS OF THE TYPICAL SECTIONS DO NOT INCLUDE SUPERELEVATION TRANSITIONS.

**TYPICAL FULLY SUPERELEVATED SECTION**  
 APPLIES STA. 12+160.861 TO STA. 12+837.905

SUPERELEVATION DETAILS (IN FEET) WITH REFERENCE TO HORIZONTAL LINE THROUGH GRADE SHOWN ON PROFILE

RADIUS OF CURVE	R1	R2	R3	R4	R5	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	TRANSITION LENGTH
2972.441 ft	-6.40	-6.40	-6.40	-6.40	-6.40	2.18	1.34	1.41	0.57	-0.26	-0.58	-0.64	-1.47	0.26	-0.58	-0.51	-1.35	-2.18	-3.01	-3.07	-3.91	400 ft

NEGATIVE RATES DENOTE DOWN FROM LEFT TO RIGHT.

NOTE: THE SECTION TO BE USED AT ANY PARTICULAR LOCATION SHALL BE AS SHOWN ON THE CROSS SECTIONS, UNLESS OTHERWISE DIRECTED BY THE PROJECT ENGINEER.

Figure 8-10: Typical Section Rural 4-Lane Divided Concrete