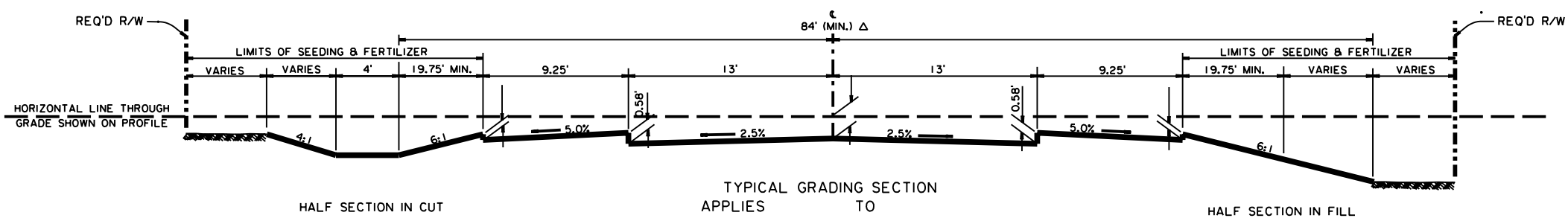
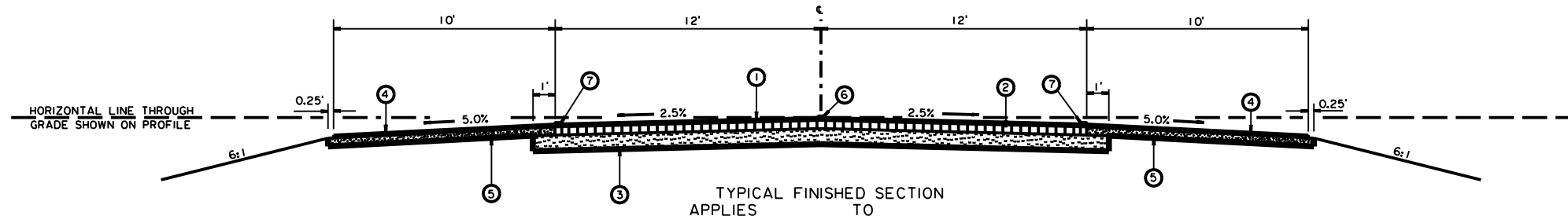


plot date and plot times

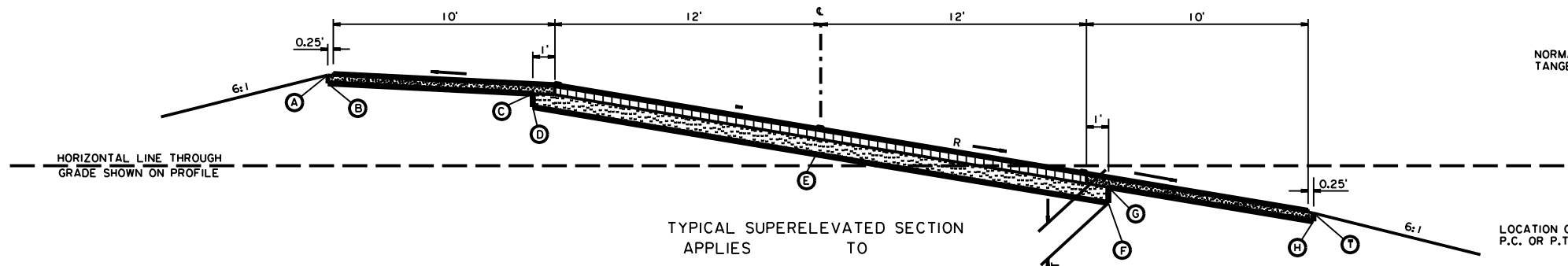
is the pathname including directory path and design file name



TYPICAL GRADING SECTION APPLIES TO HALF SECTION IN CUT TO HALF SECTION IN FILL



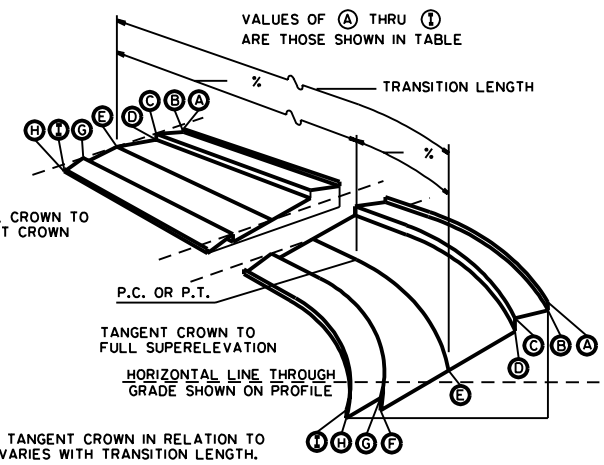
TYPICAL FINISHED SECTION APPLIES TO



TYPICAL SUPERELEVATED SECTION APPLIES TO

- LEGEND:
- ① 1/2" ASPHALTIC CONCRETE (WEARING COURSE) (TYPE )
  - ② 3" ASPHALTIC CONCRETE (BINDER COURSE) (TYPE )
  - ③ 8 1/2" CLASS I BASE COURSE
  - ④ 2" ASPHALTIC CONCRETE (WEARING COURSE) (TYPE )
  - ⑤ 4" ASPHALTIC CONCRETE BASE COURSE (TYPE )
  - ⑥ PAVEMENT STRIPING & REFLECTORIZED MARKERS
  - ⑦ PAVEMENT STRIPING

Δ TO BE CONSTRUCTED FREE OF OBSTRUCTIONS



LOCATION OF TANGENT CROWN IN RELATION TO P.C. OR P.T. VARIES WITH TRANSITION LENGTH.  
SUPERELEVATION TO BE ATTAINED BY ROTATING THE OUTSIDE LANE ABOUT THE CENTERLINE (E) UNTIL THE ROADWAY CROSS SLOPE EQUALS 2.5% (TANGENT CROWN). THE ENTIRE ROADWAY WILL THEN ROTATE ABOUT THE INSIDE EDGE OF BASE COURSE (F) UNTIL A MAXIMUM CROSS SLOPE OF "R" IS OBTAINED. (SEE TABLE)  
DETAIL OF SUPERELEVATION

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

DEGREE OF CURVE	R	A	B	C	D	E	F	G	H	I	TRANSITION LENGTH	INSIDE SHOULDER RATE	OUTSIDE SHOULDER RATE
0° 00' - 0° 15'	NC	0.95	0.57	0.81				0.26	0.00	0.37		-5.0%	5.0%
0° 16' - 0° 45'	-2.5%	1.10	0.72	0.93				0.26	0.00	0.38		-5.0%	4.5%
0° 46' - 1° 00'	-3.0%	1.48	1.11	1.25				0.28	0.02	0.39		-5.0%	4.0%
1° 01' - 1° 30'	-4.3%	2.05	1.67	1.57				0.28	-0.01	0.37		-5.0%	2.7%
1° 31' - 2° 00'	-5.5%	2.31	1.94	1.84				0.28	-0.07	0.30		-5.5%	-2.0%
2° 01' - 2° 30'	-6.7%	2.55	2.18	2.07				0.28	-0.12	0.25		-6.7%	-2.0%
2° 31' - 3° 00'	-7.7%	2.76	2.38	2.28				0.28	-0.17	0.20		-7.7%	-2.0%
3° 01' - 3° 30'	-8.6%	2.95	2.57	2.45				0.29	-0.20	0.17		-8.6%	-2.0%
3° 31' - 4° 00'	-9.3%	3.09	2.72	2.57				0.29	-0.23	0.15		-9.3%	-2.3%
4° 01' - 5° 00'	-9.8%											-9.8%	-2.8%

NEGATIVE RATES DENOTE DOWN FROM LEFT TO RIGHT

SHEET NUMBER	I
DESIGNED ROAD DESIGN	
CHECKED D. GUEST	
DATE	June 1999
PARISH	
FEDERAL PROJECT	
STATE PROJECT	
REVISION DESCRIPTION	
NO.	
DATE	
BY	
RC-3 - DES.	
TYPICAL SECTIONS	
ROAD DESIGN	

Figure 8-15: Typical Section Rural, 2-Lane, Asphalt