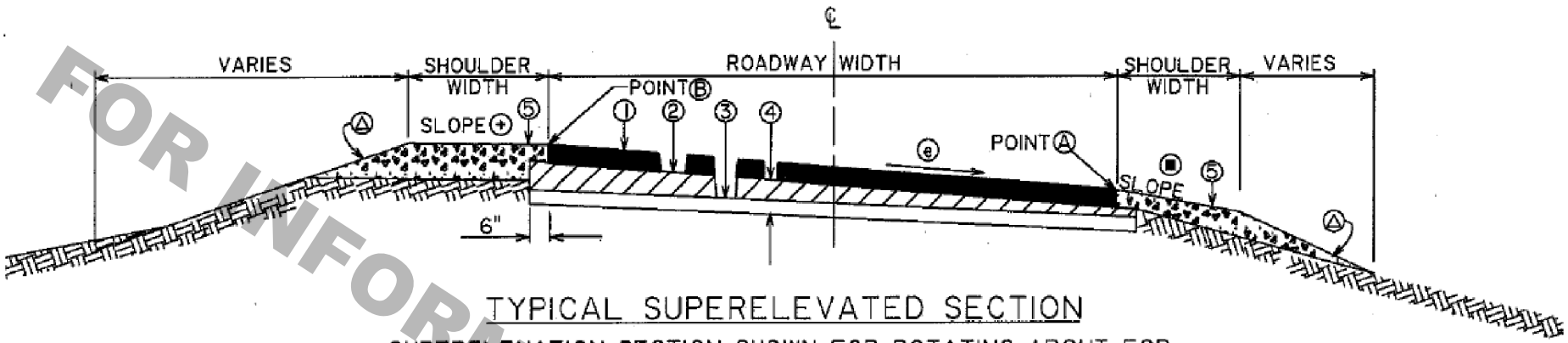

TYPICAL SUPERELEVATED SECTION

SUPERELEVATION SECTION SHOWN FOR ROTATING ABOUT EOP.
WHEN ROTATION ABOUT ℄, ADJUST ACCORDINGLY.

① REQUIRED OVERLAY SURFACING FOR ROADWAY

② REQUIRED SELECTED SOILS (SOIL FOR SOIL CEMENT). SUPERELEVATION SHALL BE ACHIEVED BY ADDING SELECTED SOILS TO LAYER ③, AS NEEDED, THEN TREATING LAYERS ② & ③ WITH CEMENT TO REQUIRED DEPTH.

③ EXISTING TO REMAIN

④ REQUIRED STABILIZED/TREATED BASE COURSE

⑤ REQUIRED SHOULDER MATERIAL

ⓔ RATE OF SUPERELEVATION (FT. PER FT.)

▣ 0.05 FT. PER FT MIN. (SHALL NOT BE LESS THAN THE ROADWAY CROSS SLOPE, e)

⊕ THE MAXIMUM ALGEBRAIC DIFFERENCE IN CROSS SLOPE BETWEEN ROADWAY AND SHOULDER SHALL BE 7 %.

Ⓐ SLOPE TO BE AS DIRECTED BY THE PROJECT ENGINEER (TIE INTO EXISTING, 3:1 DESIRABLE)

NOTE:
12' LANES (MIN.) WHEN CURVATURE EXCEEDS 4°-00' FOR CURRENT ADT 1,501 AND OVER

12' LANES (MIN.) WHEN CURVATURE EXCEEDS 5°-00' FOR CURRENT ADT 401 TO 1,500

WIDENED LANE WIDTH IS CONSTANT FROM P.C. TO P.T. OF THE CURVES WITH A 200' TRANSITION INTO AND OUT OF THE CURVES

SEE SUPERELEVATION TABLES AND DIAGRAMS FOR TRANSITION REQUIREMENTS

PRRST-03	DOTD	SUPERELEVATION REQUIREMENTS				DESIGNED / CHECKED		PARISH	SHEET NO.
						DETAILED / CHECKED		CONTROL SECTION	
		STABILIZED/TREATED RDWY AGGREGATE SHLDRS	NO.	DATE	REVISION DESCRIPTION BY	DATE SHEET	11-19-13	STATE PROJECT	