



- (A) RECYCLED ASPH CONC 9.5 mm SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME - (135 LB/SY)
- (B) RECYCLED ASPH CONC 19 mm SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME - (220 LB/SY)
- (C) RECYCLED ASPH CONC 25 mm SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME - (330 LB/SY)
- (D) GRADED AGGREGATE BASE 8"

ALLOWABLE RANGES TABLE

FOR THIS PROJECT, CROSS SLOPES THAT ARE ADJUSTED TO "BEST FIT" EXISTING PAVEMENT SLOPES ARE SUBJECT TO THE FOLLOWING LIMITS:

A. NORMAL CROWN

| SECTION WITH GRADES 0.5% OR GREATER | SECTION WITH GRADES LESS THAN 0.5% |
|------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| 0.0150 FT/FT - MINIMUM 0.0208 FT/FT - DESIRABLE 0.0250 FT/FT - MAXIMUM | 0.0156 FT/FT - MINIMUM 0.0208 FT/FT - DESIRABLE 0.0300 FT/FT - MAXIMUM |

B. SUPERELEVATION RATE

S.E. RATE SHOWN ON PLANS OR SE RATE EXISTING IN FIELD,
WHICHEVER IS GREATER.

C. SUPERELEVATION TRANSITION LENGTH (LENGTH FROM FLAT POINT TO FULL SE)

| RATE OF CHANGE | CORRESPONDING DIFFERENCE IN GRADE BETWEEN PIVOT POINT AND EDGE OF PAVEMENT |
|-------------------|----------------------------------------------------------------------------------|
| MINIMUM 1:150 | 0.67% |
| DESIRABLE 1:200 | 0.50% |
| MAXIMUM 1:300 | 0.33% |

LENGTH SHALL BE SET TO AVOID CREATING A FLAT GUTTER GRADE ON LOW SIDE AND TO AVOID FLAT CROSS SLOPES AT OR NEAR THE LOW POINT OF VERTICAL CURVES.

D. POSITIONING OF SUPERELEVATION TRANSITION LENGTH ON SIMPLE CURVES

50% OF TRANSITION INSIDE CURVE - MAXIMUM
33% OF TRANSITION INSIDE CURVE - DESIRABLE
20% OF TRANSITION INSIDE CURVE - MINIMUM

NOTE: CROWN WIPE-OUT SHALL BE AT THE SAME RATE AS THE SE TRANSITION.

E. SMOOTHING OF BREAKS IN EDGE PROFILE AT BEGIN AND END OF TRANSITION SHALL BE ACCOMPLISHED BY VERTICAL CURVE WITH A MINIMUM LENGTH (IN FEET) EQUAL TO THE SPEED DESIGN (IN MPH).



NOT TO SCALE

| REVISION DATES | |
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TYPICAL SECTIONS
DISTRICT 5 ROAD DESIGN
C.R. 77 BRIDGE OVER BULL CREEK

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|--------------|-------|-------------|---------|
| CHECKED: | DATE: | DRAWING No. | |
| BACKCHECKED: | DATE: | | |
| CORRECTED: | DATE: | | |
| VERIFIED: | DATE: | | 05-0002 |