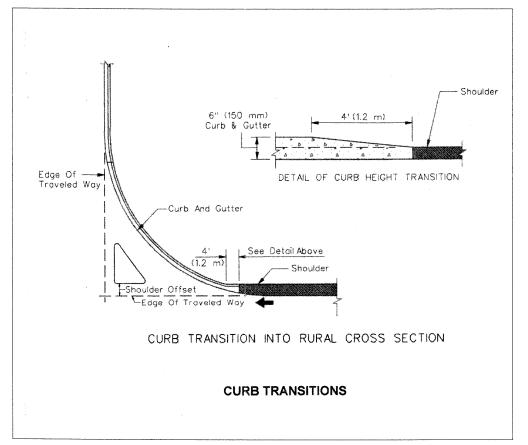


EPOXY SHOULD NOT OBSUCURE OR BLOCK THE LENS.

HOLDER OR ENGINEER APPROVED EQUIVALENT.

4. REFLECTOR SHALL BE 3M SERIES 190 OR ENGINEER APPROVED EQUIVALENT. 5. THE REFLECTOR HOLDER SHALL BE A MARKERONE SERIES R100 REFLECTOR

6. FOR 1-WAY WARKERS HEADING UPHILL, UPHILL GRIND TAPER MAY BE OMITTED.



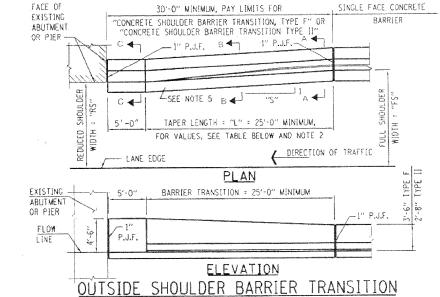


TABLE FOR SHOULDER BARRIER TAPER LENGTH

	REDUCED SHLDR. WIDTH, SEE PLAN "RS" (FT.)	RATE	"L"									
70	10' MINIMUM LESS THAN 10'		24 x (F5 - RS) 30 x (FS - RS)									
60	8' MINIMUM LESS THAN 8'		24 x: (FS - RS) 26 x: (FS - RS).									
50	6.5' MINIMUM LESS THAN 6.5'		21 x (FS - RS) 21 x (FS - RS)									

NOTES:

81/2" TO 0"

TYPE F

8"

BARRIER BARS

TYPES F

SHEET NO.

SCALE:

BARRIER BARS

- 1. THE CONTRACT UNIT PRICE PER LINEAL FOOT FOR "CONCRETE SHOULDER BARRIER TRANSITION, TYPE F" AND FOR "CONCRETE SHOULDER BARRIER TRANSITION. TYPE II" SHALL BE PAID FOR THE OUTSIDE SHOULDER BARRIER TRANSITION, TYPE F OR TYPE II SHOWN, RESPECTIVELY. IN ACCORDANCE WITH SECTION 637 OF THE STANDARD SPECIFICATIONS.
- 2. TAPER LENGTH REQUIRED FOR THE WIDTH TRANSITION WILL BE 25'-0" MINIMUM. INCREASE TAPER RATE "S", AS REQUIRED TO OBTAIN THE LENGTH OF 25'-0".
- 3. TOP SHOULDER EDGE OF BARRIER BASE GUTTER SHALL MATCH THE TOP OF SHOULDER ELEVATION.
- 4. I" DEEP CONTRACTION JOINTS SHALL BE CONSTRUCTED IN THE BARRIER WALL ONLY (NOT IN THE BARRIER BASE). THE LOCATION OF THE CONTRACTION JOINT SHALL MATCH CRACKS THAT HAVE ALREADY DEVELOPED IN THE BASE. CONTRACTION JOINTS SHALL ALSO BE CONSTRUCTED AT BOTH SIDES OF ALL DRAINAGE STRUCTURES, MAXIMUM JOINT SPACING SHALL BE 30 FEET.
- 5. THE FORMING OF CONTRACTION JOINTS SHALL BE DONE WITH AN APPROVED FINISHING TOOL AT THE DISCRETION OF THE ENGINEER SUBJECT TO THE SATISFACTORY CONTROL OF CRACKING. THE SAWING OF CONTRACTION JOINTS IN THE BARRIER WALL SHALL NOT BE PERMITTED.
- REINFORCING BARS SHALL MEET THE REQUIREMENTS OF AASHTO M31 (ASTM AG15). GRADE GO, AND SHALL CONFORM TO SECTION 508 OF THE STANDARD SPECIFICATIONS.
- 7. REINFORCING BARS DESIGNATED "(E)" SHALL BE EPOXY COATED.
- REINFORCEMENT BENDING DETAILS SHALL BE IN ACCORDANCE WITH AMERICAN CONCRETE INSTITUTE (ACI)315, LATEST EDITION.
- 9. REINFORCEMENT BAR BENDING DIMENSIONS ARE OUT TO OUT.
- 10. TYPE F BARRIER SHALL BE USED WITH ALL NEW CONSTRUCTION. OR RECONSTRUCTION OF EXISTING BARRIERS.

DETAIL OF CURB HEIGHT TRANSITION Curb And Gutter See Detail Above Shoulder Offset Edge Of Traveled Way					
CURB TRANSITION INTO RURAL CROSS SECTION CURB TRANSITIONS					

FILE NAME USER NAME = \$USER\$ DESIGNED -XXX REVISED FILES\$ DRAWN REVISED PLOT SCALE = 20.00 '/ IN REVISED PLOT DATE = 3/30/2009 3/31/09 REVISED

KANE COUNTY **DIVISION OF TRANSPORTATION**

IDOT STANDARDS			IF.A. CECTION COUNTY IUIAL SHE				SHEET NO.	
ROADWAY DETAILS		361		KANE/DUPAGE	545	237		
					CONTRACT	NO. 6	3074	
0.5	CHEFTE	CTA	TO CTA	cen no	-0 0107 NO ILLUNOIS FED N	0.000.00		