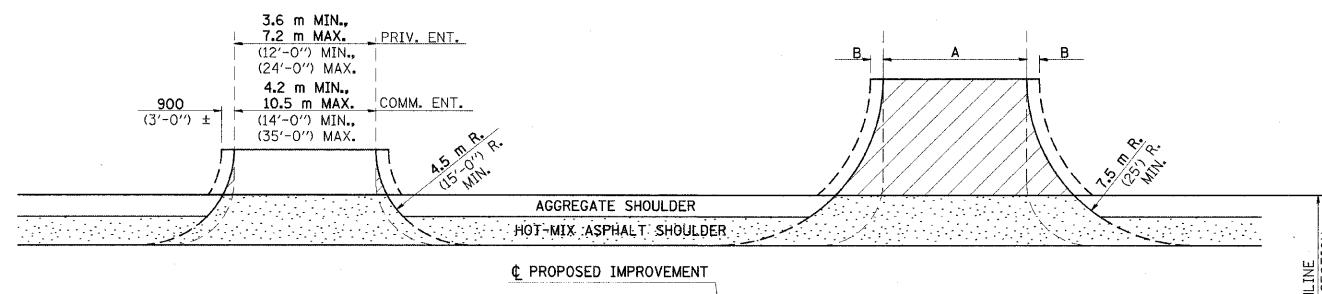


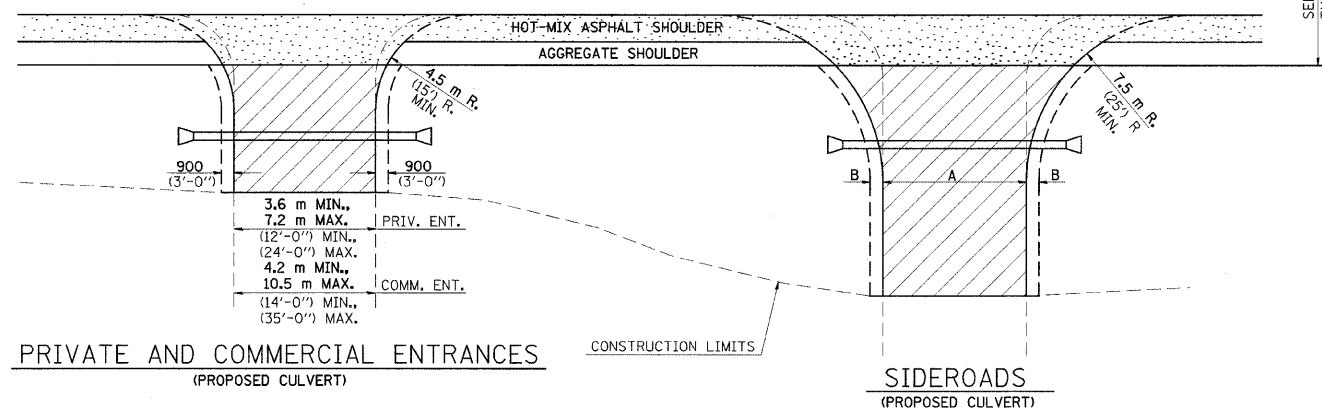
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	101-2(RS-1,N-1)	ALEXANDER	189	95
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# RURAL SIDE APPROACH DETAILS

## PRIVATE AND COMMERCIAL ENTRANCES



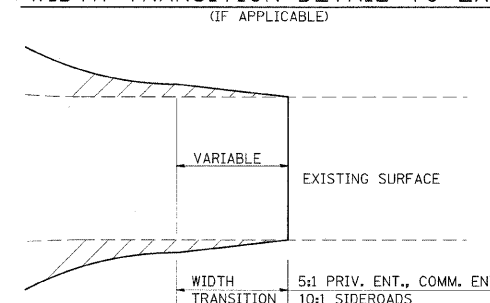
## SIDEROADS



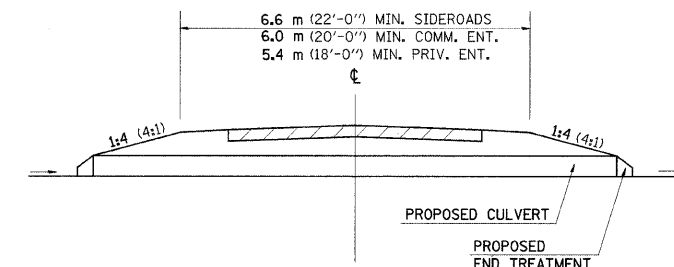
## SIDEROAD DIMENSIONS (MIN.)

ADT	A (FT.)	B (FT.)
0 TO 250	5.4 m (18'-0")	600 (2'-0")
250 TO 400	6.0 m (20'-0")	600 (2'-0")
GREATER THAN 400	6.6 m (22'-0")	1.2 m (4'-0")

## WIDTH TRANSITION DETAIL TO EXISTING



## DETAIL FOR CALCULATING CULVERT LENGTH



## FIELD ENTRANCE TREATMENT

CONSTRUCT MAINLINE HOT-MIX ASPHALT AND AGGREGATE SHOULDERS THROUGH FIELD ENTRANCES. IF A PIPE IS REQUIRED, PROVIDE A 6.6 m (22'-0") WIDE EARTH EMBANKMENT WITH 4.5 m (15'-0") RADII AT THE INTERSECTION.

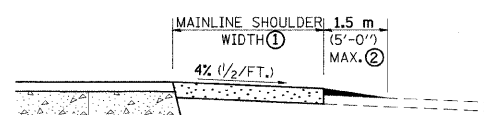
## LEGEND

- CONSTRUCT HOT-MIX ASPHALT SHOULDER "FULL SHOULDER WIDTH" THROUGH ENTRANCE/INTERSECTION UNLESS OTHERWISE SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- IF REQUIRED, AGGREGATE TAPER FOR EXISTING GRAVEL SURFACE; HOT-MIX ASPHALT TAPER FOR EXISTING HIGHER TYPE SURFACES.
- 150 (6) AGGREGATE SURFACE COURSE FOR EXISTING GRAVEL SURFACE; 50 (2) HOT-MIX ASPHALT RESURFACING ON 100 (4) AGGREGATE BASE COURSE FOR EXISTING HOT-MIX ASPHALT SURFACE; PCC DRIVEWAY PAVEMENT [150 (6) - PE; 175 (7) - CE] FOR EXISTING CONCRETE SURFACE.
- 75 (3) MINIMUM HOT-MIX ASPHALT RESURFACING ON 200 (8) MINIMUM AGGREGATE BASE COURSE FOR EXISTING GRAVEL SURFACE OR OIL & CHIP SURFACE; MATCH EXISTING FOR EXISTING HIGHER TYPE SURFACES.

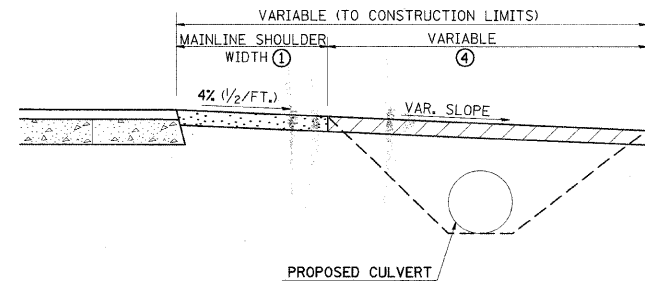
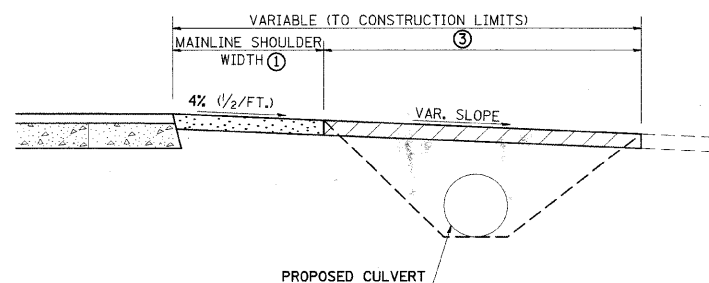
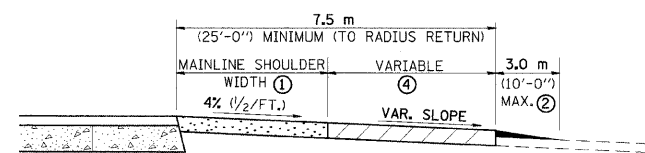
## GENERAL NOTES

- ENTRANCE LOCATIONS ARE TO COMPLY WITH IDOT'S POLICY "ACCESS TO STATE HIGHWAYS".
- IN GENERAL, RELOCATED PRIVATE ENTRANCES ARE TO HAVE A 4.8 m (16'-0") WIDE SURFACE WITH 900 (3'-0") WIDE SHOULDERS [6.6 m (22'-0") WIDE EMBANKMENT].
- SEE PLANS FOR PROPOSED PROFILE GRADES AT ENTRANCES/SIDEROADS. THE DESIRABLE MAXIMUM PROFILE GRADE FOR ENTRANCES ARE 12% FOR PE; 10% FOR CE.
- ENTRANCE PIPE CULVERTS ARE TO BE A MINIMUM 375 (15) DIAMETER AND NORMALLY REPLACED IN KIND; SIDEROAD PIPE CULVERTS ARE GENERALLY TO BE CONCRETE [450 (18) MINIMUM DIAMETER].
- THE INTERSECTION RADII OF SIDEROADS CONSTRUCTED TO FULL POLICY STANDARDS SHOULD COMPLY WITH THAT NOTED IN THE BUREAU OF LOCAL ROADS MANUAL (CHAPTER 13)

## PRIVATE AND COMMERCIAL ENTRANCES



## SIDEROADS



ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISIONS
REVISED 15-15-92
REVISED 10-18-93
REVISED 3-24-97
REVISED 1-25-00
REVISED 8-9-07
STD. 9M-83

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

## DETAIL: RURAL SIDE APPROACH

SCALE: VERT. NONE  
HORIZ.  
DATE

DRAWN BY CNH  
CHECKED BY

PLT DATE = 9/14/2009  
FILE NAME = C:\V\101-2(RS-1,N-1)\KRAZ\JC.dwg  
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USER NAME = krenz,jp