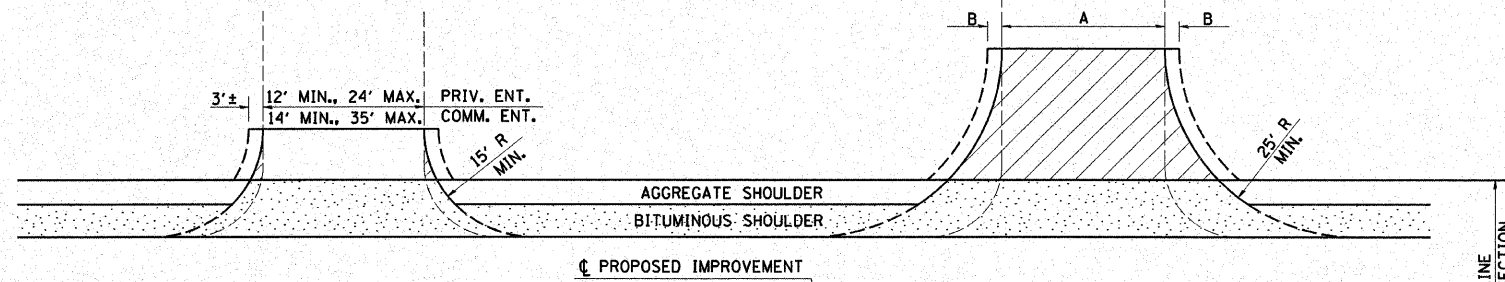


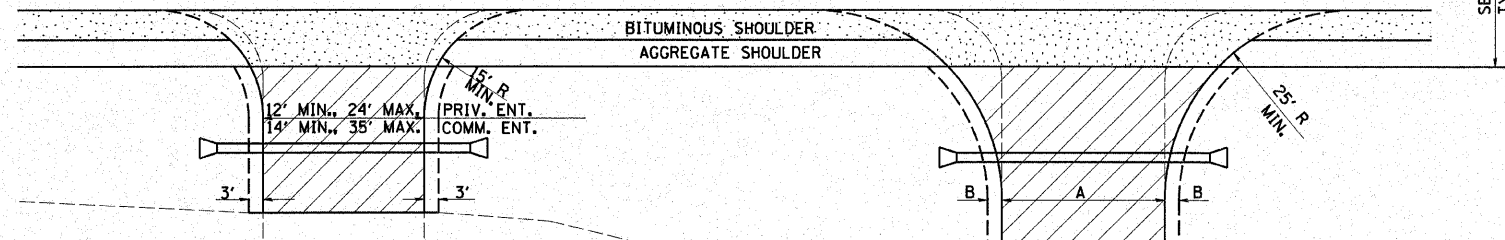
ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.P. 776	(116BR-1, BR-2, BR-3)B-1	HAMILTON	140	10
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

# RURAL SIDE APPROACH DETAILS

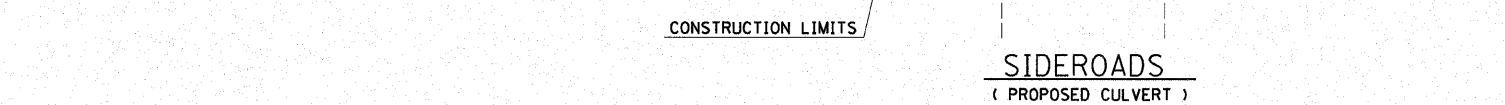
## PRIVATE AND COMMERCIAL ENTRANCES



## SIDEROADS



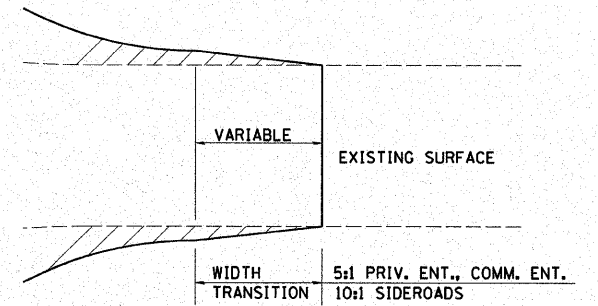
## PRIVATE AND COMMERCIAL ENTRANCES (PROPOSED CULVERT)



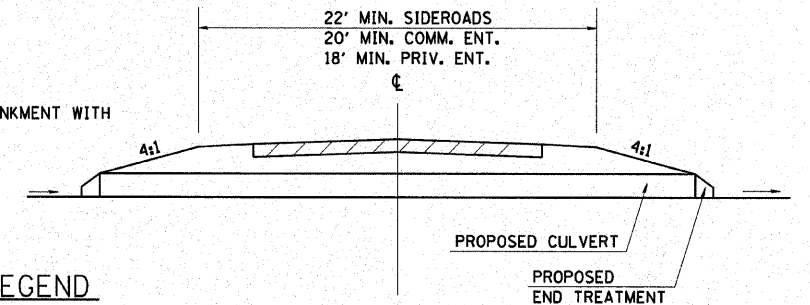
## SIDEROAD DIMENSIONS ( MIN. )

ADT	A (FT.)	B (FT.)
0 TO 250	18'	2'
250 TO 400	20'	2'
GREATER THAN 400	22'	4'

## WIDTH TRANSITION DETAIL TO EXISTING ( IF APPLICABLE )



## DETAIL FOR CALCULATING CULVERT LENGTH



### FIELD ENTRANCE TREATMENT

CONSTRUCT MAINLINE BITUMINOUS AND AGGREGATE SHOULDERS THROUGH FIELD ENTRANCES.  
IF A PIPE IS REQUIRED, PROVIDE A 22' WIDE EARTH EMBANKMENT WITH 15' RADII AT THE INTERSECTION.

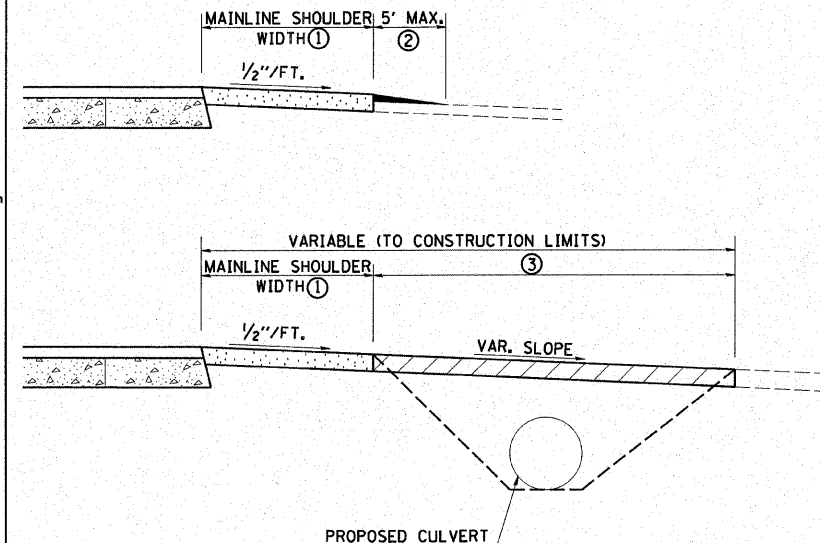
### LEGEND

- CONSTRUCT BITUMINOUS 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; BITUMINOUS TAPER FOR EXISTING HIGHER TYPE SURFACES.
- 6" AGGREGATE SURFACE COURSE FOR EXISTING GRAVEL SURFACE; 2" BITUMINOUS RESURFACING ON 4" AGGREGATE BASE COURSE FOR EXISTING BITUMINOUS SURFACE; PCC DRIVEWAY PAVEMENT (6" - PE; 7" - CE) FOR EXISTING CONCRETE SURFACE.
- 2" MINIMUM BITUMINOUS RESURFACING ON 6" MINIMUM AGGREGATE BASE COURSE FOR EXISTING GRAVEL SURFACE OR OIL & CHIP SURFACE; MATCH EXISTING FOR EXISTING HIGHER TYPE SURFACES.

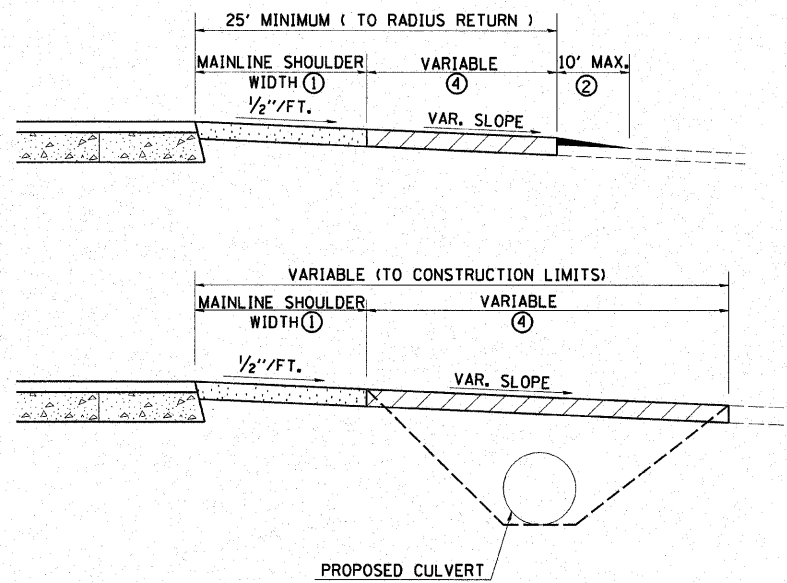
### GENERAL NOTES

- ENTRANCE LOCATIONS ARE TO COMPLY WITH IDOT'S POLICY "ACCESS TO STATE HIGHWAYS".
- IN GENERAL, RELOCATED PRIVATE ENTRANCES ARE TO HAVE A 16' WIDE SURFACE WITH 3' WIDE SHOULDERS (22' 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 15" DIAMETER AND NORMALLY REPLACED IN KIND; SIDEROAD PIPE CULVERTS ARE GENERALLY TO BE CONCRETE (18" MINIMUM DIAMETER).
- THE INTERSECTION RADII OF SIDEROADS CONSTRUCTED TO FULL POLICY STANDARDS SHOULD COMPLY WITH THAT NOTED IN THE BUREAU OF LOCAL ROADS ADMINISTRATIVE POLICIES MANUAL (5-8-13).

## PRIVATE AND COMMERCIAL ENTRANCES



## SIDEROADS



PLOT DATE 10/26/2007 FILE NAME = 41021-ah-entrance.dgn

**HAMPTON, LENZINI & RENWICK, INC.**  
CIVIL & STRUCTURAL ENGINEERS

3085 STEVENSON DRIVE, SUITE 201  
SPRINGFIELD, ILLINOIS 62703  
(217) 546-3400

ELGIN • SPRINGFIELD

PROJECT NUMBER: 12-41-0021-1 DATE: 07/16/07  
DESIGNED: L.F.S. CHECKED: S.W.M. DRAWN: TWK

**ENTRANCE DETAILS**  
F.A.P. ROUTE 776 (IL 142)  
SECTION (116BR-1, BR-2, BR-3)B-1  
HAMILTON COUNTY