RURAL SIDE APPROACH DETAILS PRIVATE AND COMMERCIAL ENTRANCES **SIDEROADS** 3'± | 12' MIN, 24' MAX | PRIVATE ENTRANCE 14' MIN, 35' MAX COMMERCIAL ENTRANCE AGGREGATE SHOULDER HOT-MIX ASPHALT SHOULDER. MAINLINE AL SECTI ¢ PROPOSED IMPROVEMENT HOT-MIX ASPHALT SHOULDER AGGREGATE SHOULDER PRIVATE ENTRANCE 12' MIN, 24' MAX, 14' MIN, 35' MAX COMMERCIAL ENTRANCE PRIVATE AND COMMERCIAL ENTRANCES CONSTRUCTION LIMITS **SIDEROADS** SIDEROADS PRIVATE AND COMMERCIAL ENTRANCES 25' MINIMUM (TO RADIUS RETURN) MAINLINE SHOULDER VARIABLE MAINLINE SHOULDER 5' MAX WIDTH (1) (4) WIDTH(1) 1/2"/FT VAR SLOPE 1/2"/FT VARIABLE (TO CONSTRUCTION LIMITS) VARIABLE (TO CONSTRUCTION LIMITS) MAINLINE SHOULDER 4 WIDTH(1) MAINLINE SHOULDER 1/2"/FT VAR SLOPE 1/2"/FT VAR SLOPE

PROPOSED CULVERT

SIDEROAD DIMENSIONS (MIN.)

ADT	A (FT)	B (FT)			
0 T0 250	18′	2′			
250 TO 400	20'	2′			
GREATER THAN 400	22'	4′			

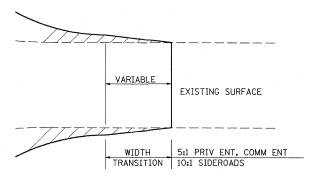
FIELD ENTRANCE TREATMENT

CONSTRUCT MAINLINE HOT-MIX ASPHALT AND AGGREGATE SHOULDERS THROUGH FIELD ENTRANCES.

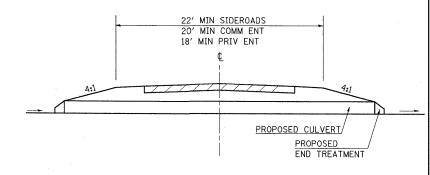
IF A PIPE IS REQUIRED, PROVIDE A 22' WIDE EARTH EMBANKMENT WITH 15' RADII AT THE INTERSECTION.

WIDTH TRANSITION DETAIL TO EXISTING

(IF APPLICABLE)



DETAIL FOR CALCULATING CULVERT LENGTH



LEGEND

- ONSTRUCT 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.
- 3 6" AGGREGATE SURFACE COURSE FOR EXISTING GRAVEL SURFACE; 2" HOT-MIX ASPHALT RESURFACING ON 4" AGGREGATE BASE COURSE FOR EXISTING HOT-MIX ASPHALT SURFACE; PCC DRIVEWAY PAVEMENT (6" - PE; 7" - CE) FOR EXISTING CONCRETE SURFACE.
- 3" MINIMUM HOT-MIX ASPHALT RESURFACING ON 8" MINIMUM AGGREGATE BASE COURSE FOR EXISTING GRAVEL SURFACE OR OIL & CHIP SURFACE; MATCH EXISTING FOR EXISTING HIGHER TYPE SURFACES.

GENERAL NOTES

- 1. 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).
- 3. SEE PLANS FOR PROPOSED PROFILE GRADES AT ENTRANCES/SIDEROADS. THE DESIRABLE MAXIMUM PROFILE GRADE FOR ENTRANCES ARE 12% FOR PE; 10% FOR CE.
- 4. 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).
- 5. 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).

REVISIONS
| DRAWN | 3:15:5
| REVISED | 10:02:5
| REVISED | 10:02:5
| REVISED | 1:20:0

FILE NAME =	USER NAME = HAS	DESIGNED - MTD	REVISED -		RURAL SIDE APPROACH DETAILS			F.A.P. SEC	CTION	COUNTY	TOTAL SHEET
D998854-sht-details53.dgn		DRAWN - HAS	REVISED -	STATE OF ILLINOIS				RIE.	0.70.0	SUECTS IN	SHEETS NO.
	PLOT SCALE = 0.0833 '/ IN.	CHECKED - RDP	REVISED -	DEPARTMENT OF TRANSPORTATION				118 2B-1	& 3B-2	CONTRACT	50 20
	PLOT DATE = 12/27/2010 10:12:45 AM	DATE - 12/10	REVISED -		SCALE:	SHEET NO. 1 OF 1 SHEETS STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AI		NU. 30054

PROPOSED CULVERT