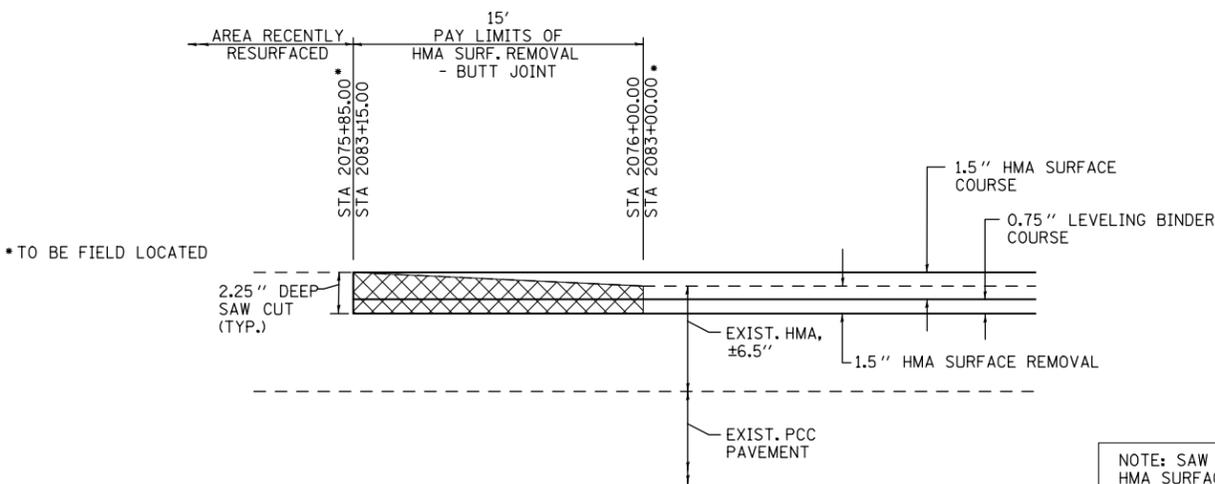


INSTALLATION CHARACTERISTICS PER DESIGN RADIUS (R)			
R	NO. POSTS	X	Y
25'-6"	8	40'	20'

### STEEL PLATE BEAM GUARDRAIL, SHORT RADIUS



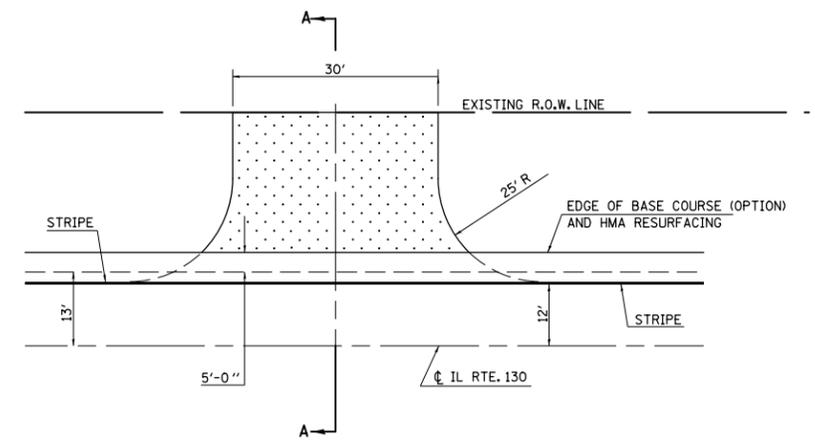
NOTE: SAW CUT IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT.

### BUTT JOINT DETAIL

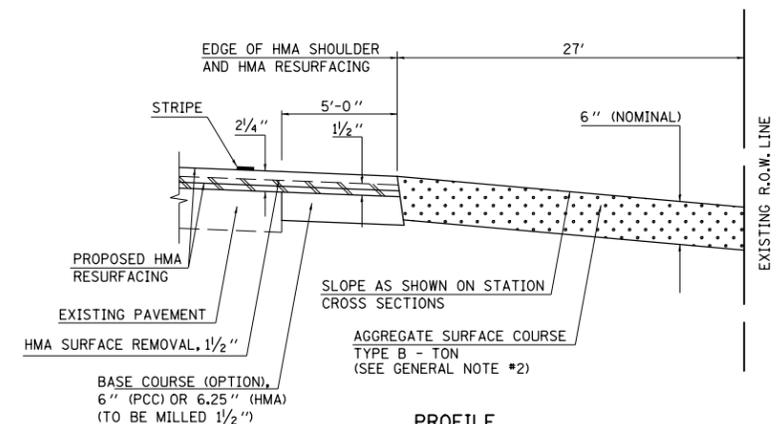
F.A.P. 808 (IL RTE 130)  
 STA. 2075+85.00 TO STA. 2076+00.00  
 STA. 2083+00.00 TO STA. 2083+15.00

### TYPICAL DETAIL OF RURAL FIELD ENTRANCES

(ADJACENT TO IL RTE. 130)  
 STA. 2077+34



PLAN



PROFILE (SECTION A-A)

### GENERAL NOTES

- 1) THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 402 OF THE STANDARD SPECIFICATIONS.
- 2) EARTH EXCAVATION REQUIRED FOR THE CONSTRUCTION OF THE AGGREGATE SURFACE COURSE SHALL BE INCLUDED IN THE COST OF AGGREGATE SURFACE COURSE, TYPE B.
- 3) THE ENTRANCE SHOULDER WIDTH SHALL BE 2 FT. THE ENTRANCE SHOULDER SLOPE SHALL BE 4%. THE ENTRANCE SIDESLOPES SHALL BE 1:4 (FT).
- 4) EXISTING FIELD ENTRANCES OF AGGREGATE OR EARTH WITH NO HMA APRON SHALL NOT RECEIVE A NEW HMA APRON WITHOUT PROPER APPROVAL THROUGH THE BUREAU OF OPERATIONS "POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS".
- 5) TO ASSURE APPROPRIATE ACCESS POLICIES ARE FOLLOWED, ALL NEW ACCESS SHALL BE APPLIED FOR THROUGH THE BUREAU OF OPERATIONS PERMIT APPLICATION PROCESS. PLAN PREPARATION MEMORANDUMS 40-09 AND 40-11 ALONG WITH DISTRICT CONSTRUCTION MEMORANDUM 03/14 DISCUSS THIS PROCEDURE.

HURST-ROSCHE ENGINEERS, INC.  
 HILLSBORO, ILLINOIS 62049  
 (217)532-3959 FAX (217)532-3212



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		CHECKED - MAR	REVISED -
		DATE - 5-13-11	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

### BUTT JOINT, RADIUS GUARDRAIL & FIELD ENTRANCE DETAILS

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	94BR-1	CHAMPAIGN	50	35
CONTRACT NO. 705B2				
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT				