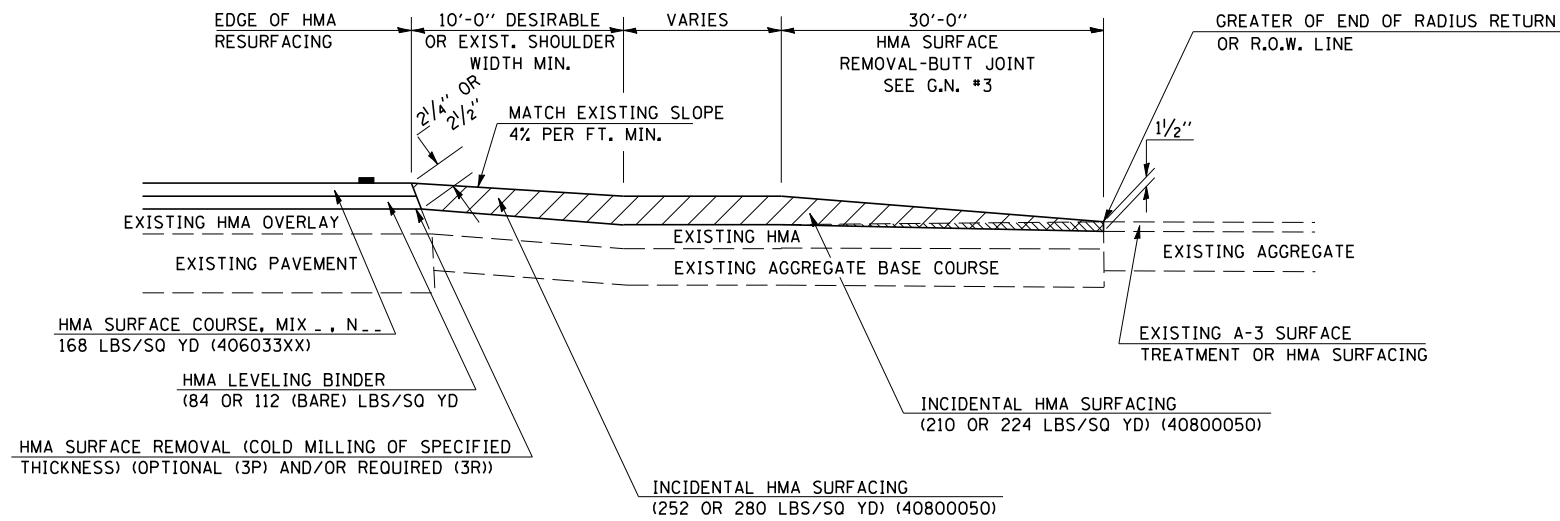


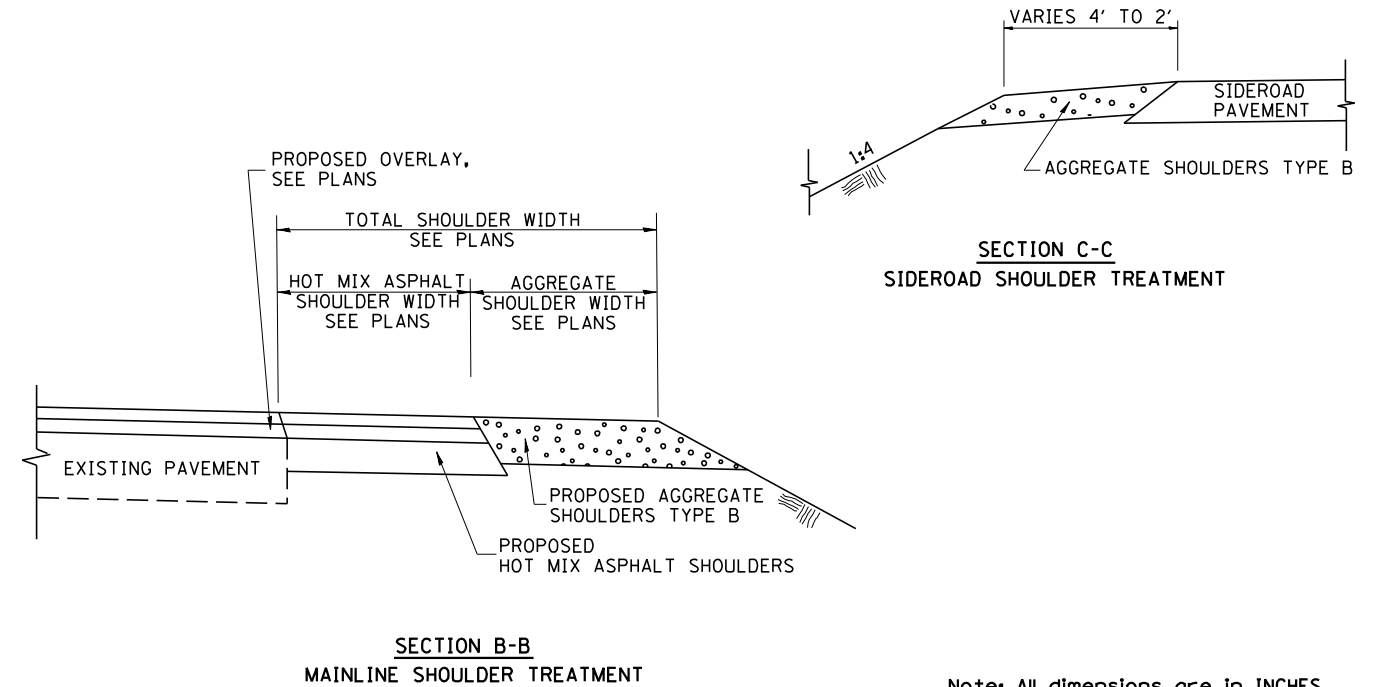
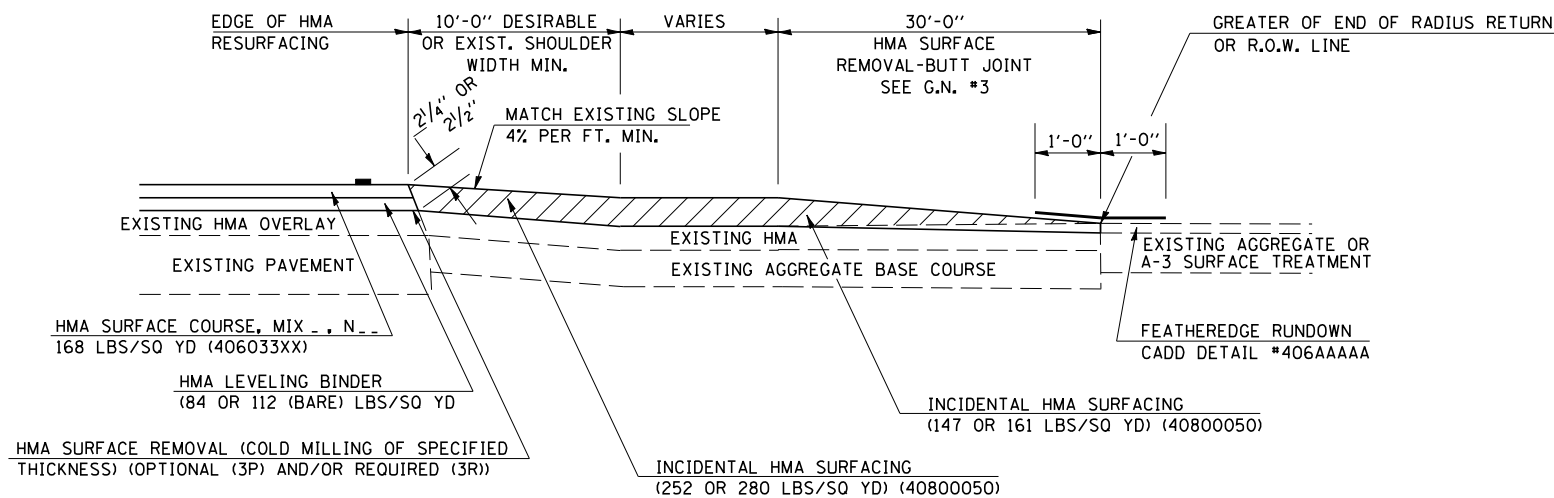
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	(121,122)RS-3	VERMILION	89	55

**SECTION A-A**  
EXISTING HMA OR PCC SIDEROAD (>400 ADT)



DESIGN ELEMENT	New Construction & 3R (Existing Width Less Than 20 ft)			3R (Existing Width 20 ft or Greater) & 3P			SMART & Contract Maintenance		
	min.	des.	max.	min.	des.	max.	min.	des.	max.
SURFACE WIDTH (FT); (measured at end of radius or row line; greatest distance from edge of traveled way)	24	24	Coordinate with Geometrics Engineer	resurface existing configuration to completion of radius return or row line; greatest distance from edge of traveled way; major sideroads (> 400 adt) shall have "butt joints" constructed whether the entrance is hma or pcc; minor sideroads (< 400 adt) shall have "featheredge rundown" as shown in district cadd detail 406AAAAA					
RADIUS (FT)	30	30		resurface existing configuration with the completion of a 10 ft. featheredge rundown for ALL sideroads as shown in district cadd detail 406AAAAA					
SHOULDER WIDTH (FT)	4	8	10						
SHOULDER SLOPE (%)	2	4	12						
ENTRANCE GRADE (%)	1	1 to 4	4						
BREAKOVER (%)	0	5	10						
SIDE SLOPE	1:10	1:6	1:4						
INTERSECTION ANGLE	60	75 to 90							
<b>SURFACE TYPE</b>									
INCIDENTAL HMA SURFACING (INCH)	4			taper from 2 1/4" to 1 1/2" or featheredge			taper from 1 1/2" to featheredge		
AGGREGATE BASE COURSE, TYPE A (INCH)	8	4		if applicable use item: 35800100 Preparation of Base					
PCC PAVEMENT (INCH)		8							

**SECTION A-A**  
EXISTING AGGREGATE OR SEAL COAT SIDEROAD (<400 ADT)



Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DATE	REVISIONS	NAME	ILLINOIS DEPARTMENT OF TRANSPORTATION
09-21-07	VARIOUS CORRECTIONS	K.A.G.	<b>SIDEROADS &amp; SIDESTREETS (RURAL)</b>
12-13-06	NEW DETAIL	T.J.B.	
			<b>DISTRICT 5 DETAIL NO. 408000AA</b>

PLOT DATE = 11/16/2007  
 FILE NAME = c:\projects\40800050\d5\rev.plamhats.dgn  
 PLOT SCALE = 42,352" / IN.  
 USER NAME = collierb