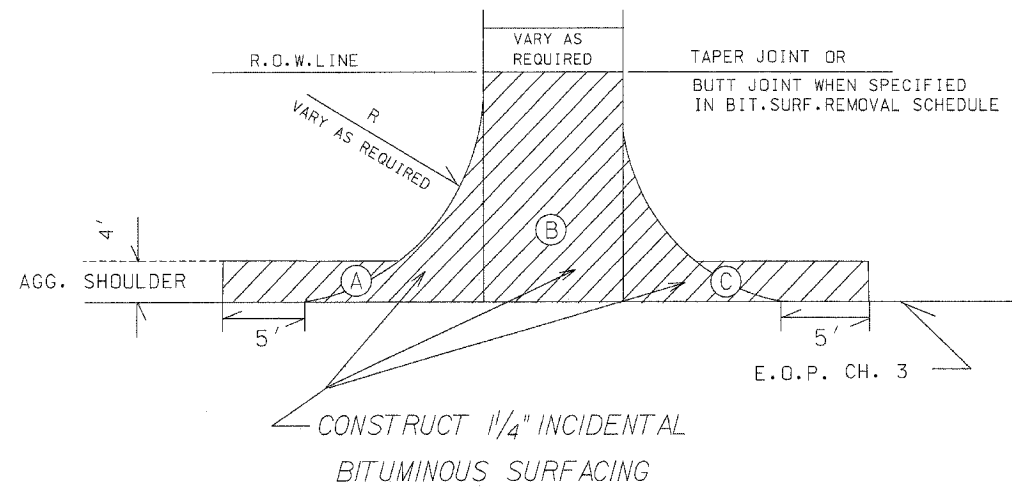


SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
04-00068-02-RS	KANKAKEE	3	3

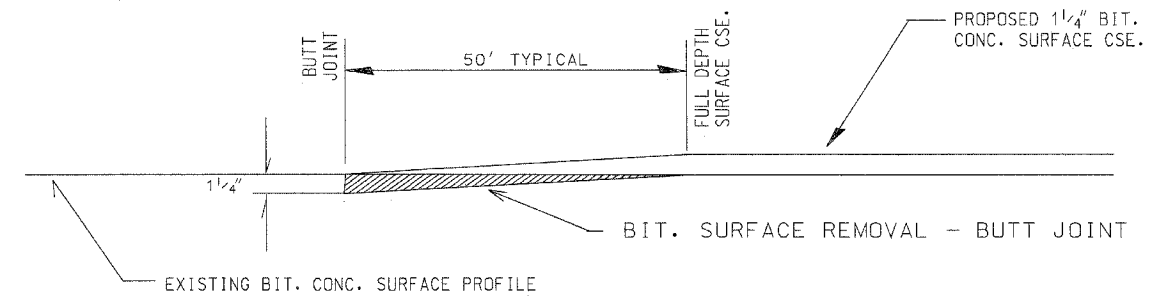
Contract No. 87308

## INTERSECTION DETAIL



STATION	AREA	SIDE	WIDTH	RADIUS	INCIDENTAL BIT. SURFACING (TON)	BIT. MATRLS. (PRIME COAT) (GAL)	AGGREGATE (PRIME COAT) (TON)	LOCATION
221+86	A+C	Mainline		40(A) 40(C)	25	10	1.0	4000E
248+28	A+B+C	RT	18 (B)	30(A) 30(C)	20	10	1.0	7500S
275+15	A+B+C	RT	18 (B)	30(A) 30(C)	20	10	1.0	8000S
Total					65	30	3	

## PAVEMENT REMOVAL-BUTT JOINT



STA TO STA	OPERATION	TEMPORARY RAMP (3' Wide)
221+86 to 222+16 (Includes Radl)	110 Sq Yd Butt Jt 1 1/4"	7 Sq Yd
238+89 to 239+39 (North Abut)	111 Sq Yd Pvt Removal 1 1/4"	
239+39 to 239+63 (Br. Deck)	67 Sq Yd Pvt Removal 1 1/4"	
(South Abut) 239+63 to 240+13	111 Sq Yd Pvt Removal 1 1/4"	
275+15 to 275+45	67 Sq Yd Butt Jt 1 1/4"	7 Sq Yd
<b>TOTALS</b>	<b>177 Sq Yd/Butt JT &amp; 289 Sq Yd/Bit Surface Rem</b>	<b>14 Sq Yd</b>

## PAVEMENT REMOVAL - BRIDGE DECK AND APPROACHES

### Pavement Design Data

Design Period = 10 Years  
 A.D.T. = 670 (2005) 704 (2010)  
 P.V. = 88 % = 620 S.U. = 7 % = 50 M.U. = 5 % = 34

T.F. = 0.08

DT = 2.79

#### PAVEMENT STRUCTURE NUMBER

Ex. 10" Agg. Base (Crushed). 10 X 0.10 = 1.00  
 Ex. 3 3/4" Bit. Class I Surfacing 3.75 X 0.21 = 0.79  
 Ex. 1" Bituminous Surf. Treatment 1 X 0.20 = 0.20  
 Prop. 2" Bit Conc. Surface N50 2 X 0.40 = 0.80

2.79

Marshall Stability  $\geq$  1700

