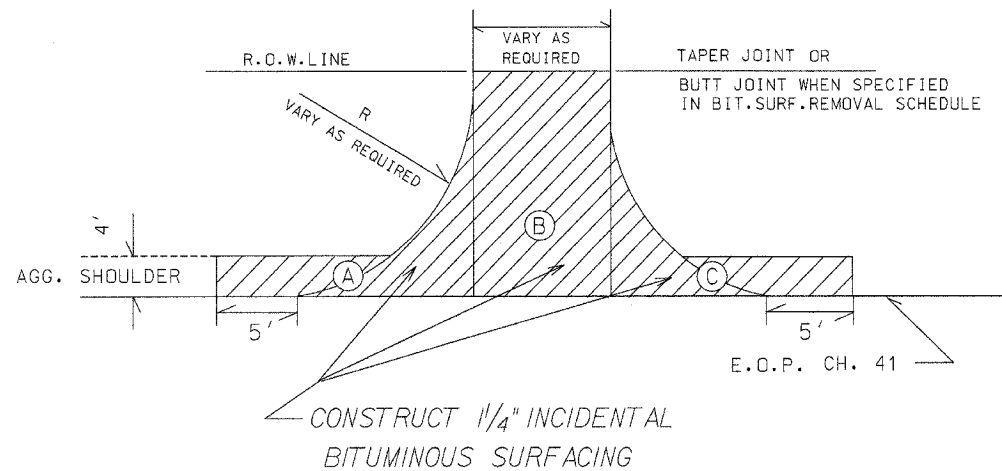


INTERSECTION DETAIL



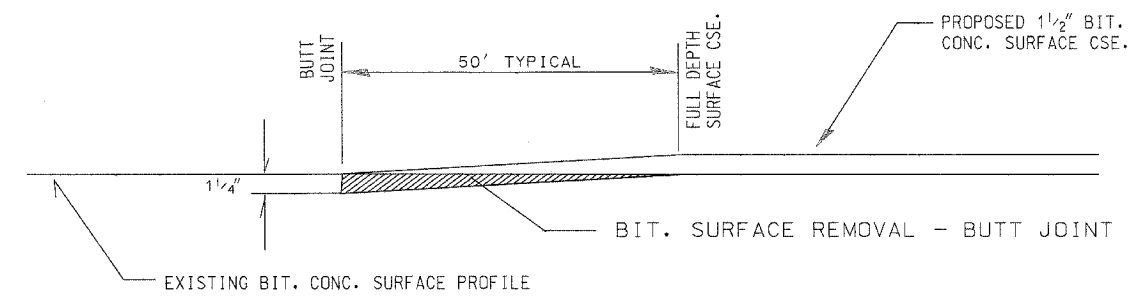
INTERSECTION QUANTITY SCHEDULE								
STATION	AREA	SIDE	WIDTH	RADIUS	INCIDENTAL BIT. SURFACING (TON)	BIT. MATRLS. (PRIME COAT) (GAL)	AGGREGATE (PRIME COAT) (TON)	LOCATION
13+36	A+B+C	L+R+	20 (B)	30(A) 30(C)	30	10	1.0	CH 6
16+78	A+B+C	LT	13 (B)	30(A) 30(C)	10	5	0.5	Pacific
25+04	A+B+C	LT	20 (B)	30(A) 30(C)	30	10	1.0	Merchant
29+74	A+B+C	LT	13 (B)	30(A) 30(C)	10	5	0.5	Maple
36+74	A+B+C	LT	14 (B)	30(A) 30(C)	10	5	0.5	Oak
39+92	A+B+C	LT	20 (B)	30(A) 30(C)	20	10	0.5	North
47+83	A+B+C	RT	24 (B)	30(A) 30(C)	25	10	1.0	Schott
53+72	A+B+C	RT	24 (B)	30(A) 30(C)	25	10	1.0	Burr
59+23	A+B+C	RT	24 (B)	30(A) 30(C)	25	10	1.0	Prairie
61+68	A+B+C	LT	24 (B)	30(A) 30(C)	25	10	1.0	Ace
68+64	A+B+C	LT	65 (B)	30(A) 30(C)	30	10	1.0	*
106+12	A+B+C	L+R+	20 (B)	30(A) 30(C)	30	10	1.0	6000N
Total					300	105	11	

* Main Entrance into High Point Estates

PAVEMENT REMOVAL - BUTT JOINT

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
02-00042-02-RS	KANKAKEE	3	3

Contract No. 87306



BITUMINOUS SURFACE REMOVAL AND TEMPORARY RAMP SCHEDULE		
STA TO STA	BIT. SURFACE REMOVAL - BUTT JOINT 1 1/4"	TEMPORARY RAMP (3' Wide)
12+69 to 12+99 (Mainline)	73 Sq Yd	7 Sq Yd
13+36 15'-30' Lt	33 Sq Yd	
13+36 15'-30' Rt	33 Sq Yd	
16+78 15'-30' Lt	22 Sq Yd	
25+04 35'-50' Lt	33 Sq Yd	
29+74 15'-30' Lt	22 Sq Yd	
36+74 15'-30' Lt	23 Sq Yd	
39+92 15'-30' Lt	33 Sq Yd	
47+83 15'-30' Rt	40 Sq Yd	
53+72 15'-30' Rt	40 Sq Yd	
59+23 15'-30' Rt	40 Sq Yd	
61+68 15'-30' Lt	40 Sq Yd	
*68+64 35'-50' Lt	83 Sq Yd	
106+12 15'-30' Lt	33 Sq Yd	
106+12 15'-30' Rt	33 Sq Yd	
106+40 to 106+70 (Mainline)	73 Sq Yd	7 Sq Yd
Total	654 Sq Yd	14 Sq Yd

Pavement Design Data

Design Period = 10 Years
 A.D.T. = 2369 (2005) 2487 (2010)
 P.V. = 92 % = 2288 S.U. = 4 % = 99 M.U. = 4 % = 100
 T.F. = 0.20
 Dt = 3.25

PAVEMENT STRUCTURE NUMBER

Ex. 10" Agg. Base (Crushed). 10 X 0.10 = 1.00
 Ex. 3" Bit. Class I Surfacing 3 X 0.23 = 0.69
 Ex. 1.5" Bituminous Surf. Treatment 1.5 X 0.25 = 0.38
 Ex. 1.5" Bituminous Surf. Treatment 1.5 X 0.30 = 0.45
 Prop. 2" Bit Conc. Surface N50 2.0 X 0.40 = 0.80

Marshall Stability \geq 1700 3.32

	Incidental Bit. Surfacing	Superpave Leveling Binder	Superpave Surface
PG Grade	PG 58-22	PG 58-22	PG 58-22
Max % Rap	15%	15%	15%
Design Air Voids	4.0%	4.0%	4.0%
Mixture Composition	IL 9.5 MM	IL 9.5 MM	IL 9.5 MM
Friction Aggregate	Mix C	Mix C	Mix C
Density Control Limits	% of Growth Curve	Satisfaction of Engineer	% of Growth Curve