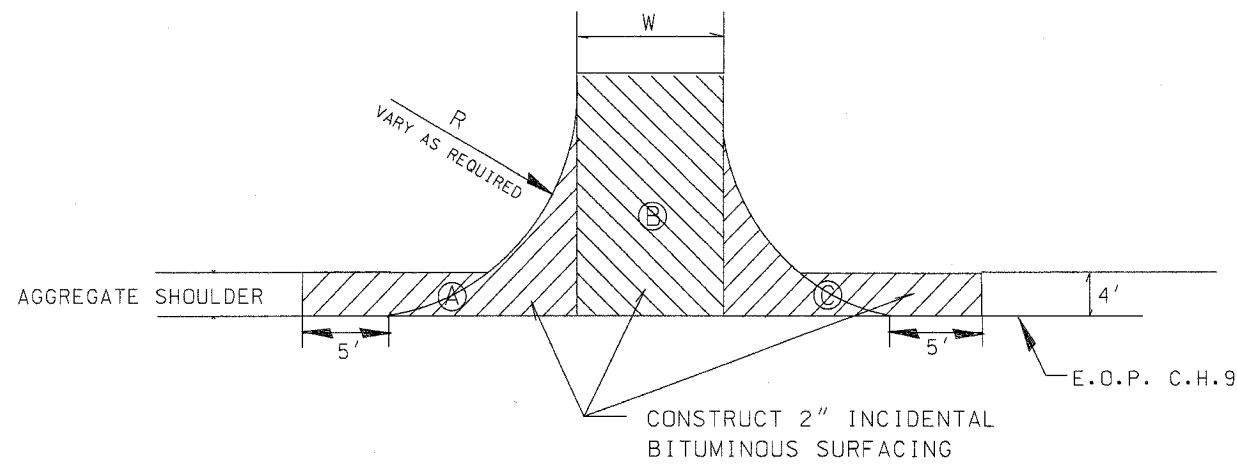


# INTERSECTION DETAIL



STATION	AREA	WIDTH	RADIUS	INCIDENTAL BIT. SURFACING (TON)	BIT. MATRLS. (PRIME COAT) (GAL)	AGGREGATE (PRIME COAT) (TON)	LOCATION
26+39LT	A B C	16	30	15	5	0.5	4500W
80+12LT	A B C	16	30	15	5	0.5	3500W
107+07RT	A B C	16	30	15	5	0.5	3000W
146+76RT	A B C	20	30	20	5	0.5	2250W
186+81LT	A B C	16	30	15	5	0.5	1500W
213+91RT	A B C	20	30	20	5	0.5	1000W
TOTALS				100	30	3	

## Pavement Design Data

Design Period = 8 Years  
 ADT = 3904 (2006) 4064 (2010)  
 P.V. = 88 = 3577 S.U. = 5 % = 203 M.U. = 15 % = 222  
 T.F. = 0.44  
 Dt = 3.05

Pavement Structure Number

Ex. 9" AGGREGATE BASE (crushed)	9	x 0.08 =	0.72
Ex. 3 3/4" CLASS I	3.75	x 0.23 =	0.86
Ex. 2" CLASS I	2	x 0.30 =	0.60
Prop. 2 1/4" BC Surface Cse.	2.25	x 0.40 =	0.90
			<u>3.08</u>

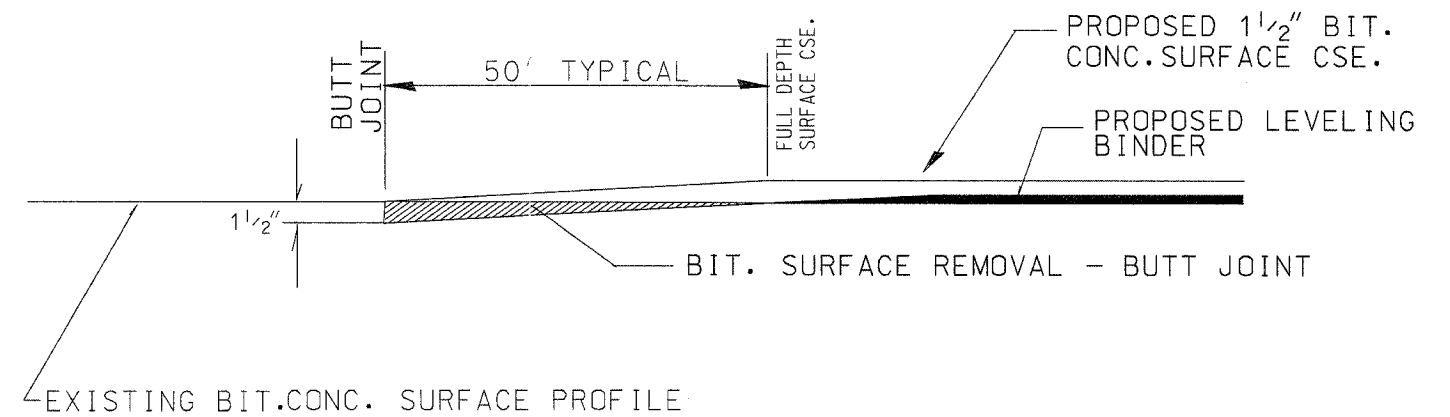
Marshall Stability  $\geq$  1700

	SUPERPAVE LEVEL BINDER	SUPERPAVE SURFACE
PG GRADE	PG58-22	PG58-22
MAX % RAP ALLOWABLE**	15%	15%
DESIGN AIR VOIDS	4.0%	4.0%
MIXTURE COMPOSITION	IL 9.5	IL 9.5
FRICTION AGGREGATE	MIXTURE C	MIXTURE C
PLANT CONTROL LIMITS	CLASS I	CLASS I
DENSITY TEST METHOD	---	% of GROWTH CURVE

\*\* IF RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED. THIS WILL BE DETERMINED BY THE ENGINEER.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
04-00185-02-RS	KANKAKEE	3	3
CONTRACT NO. 87324			

# PAVEMENT REMOVAL DETAILS



STATION	BIT. SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP (3' Wide)
0+46	73	7
193+66	73	7
195+86	73	7
263+53	73	7
TOTALS	292 SQ YD	28 SQ YD

## GENERAL NOTES:

- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL UTILITY LOCATIONS .
- PERMANENT PAVEMENT MARKINGS TO BE INSTALLED BY THE KANKAKEE COUNTY HIGHWAY DEPT.