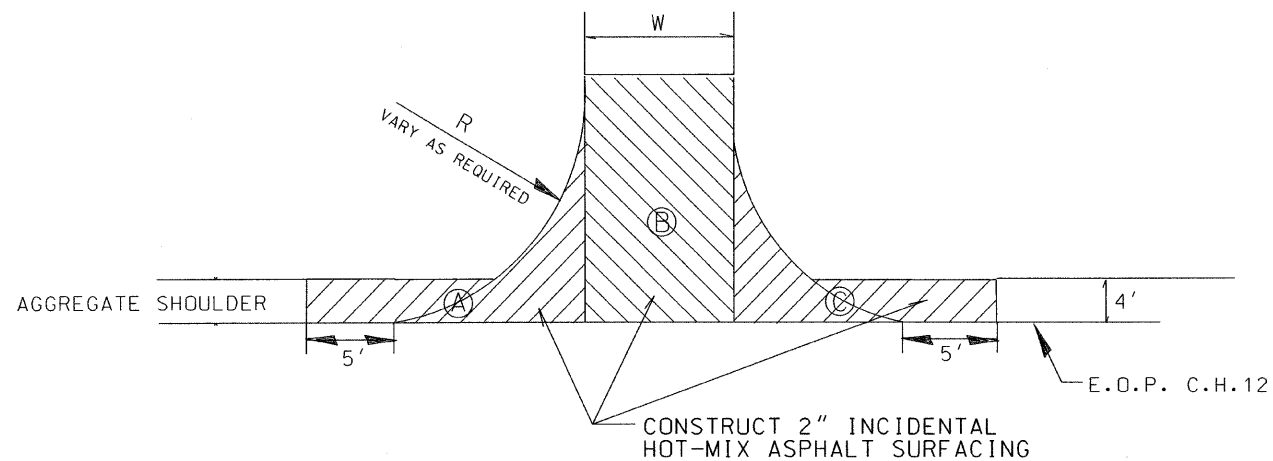


INTERSECTION DETAIL



INTERSECTION QUANTITY SCHEDULE

STATION	AREA	WIDTH	RADIUS	INCIDENTAL HMA SURFACING (TON)	BIT. MATRLS. (PRIME COAT) (GAL)	AGGREGATE (PRIME COAT) (TON)	LOCATION
53+50LT	A B C	20	30	15	5	0.5	3000S
56+05RT	A B C	20	30	15	5	0.5	3000S
80+50RT	A B C	20	30	15	5	0.5	2500S
107+45LT	A B C	20	30	15	5	0.5	2000S
107+45RT	A B C	20	30	15	5	0.5	2000S
160+60LT	A B C	20	30	15	5	0.5	1000S
160+60RT	A B C	20	30	15	5	0.5	1000S
TOTALS				105	30	3	

Pavement Design Data

Design Period = 8 Years

ADT = 2186 (2011) 2276 (2015)

P.V. = 88% = 2003 S.U. = 7% = 159 M.U. = 5% = 114

I.B.R. = 3.0

T.F. = 0.25

S.N. = 3.35

Pavement Structure Number

Ex. 7" AGGREGATE BASE (crushed) 7 x 0.08 = 0.56

Ex. 1.5" BIT A-3 1.5 x 0.15 = 0.23

Ex. 2.75" CLASS B 2.75 x 0.17 = 0.47

Ex. 4" CL-1 4 x 0.30 = 0.90

Prop. 2.25" HMA Surface Cse. 2.25 x 0.40 = 1.20

3.35

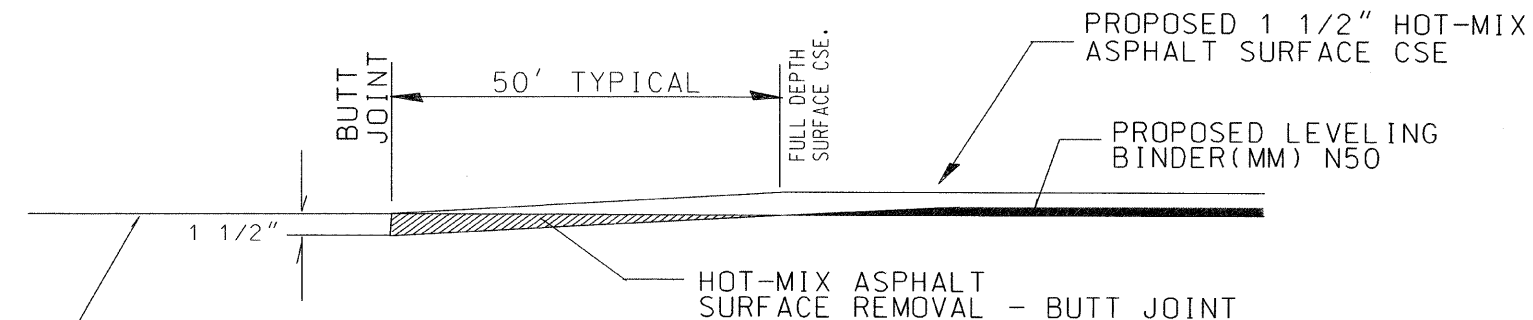
Marshall Stability ≥ 1700

	LEVEL BINDER	HMA SURFACE
PG GRADE	PG58-22	PG58-22
MAX % RAP ALLOWABLE**	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION
DESIGN AIR VOIDS	4.0%	4.0%
MIXTURE COMPOSITION	IL 9.5	IL 9.5
FRICTION AGGREGATE	MIXTURE C	MIXTURE C
DENSITY TEST METHOD	SATISFACTION OF THE ENGINEER	CORRELATION

** 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.
09-00027-01-RS	KANKAKEE	3	3
CONTRACT NO. 87490			

PAVEMENT REMOVAL DETAILS



HOT-MIX ASPHALT SURFACE REMOVAL AND TEMPORARY RAMP SCHEDULE

STATION	HMA SURFACE REMOVAL - BUTT JOINT	HMA SURFACE REMOVAL - 1 1/2" *	TEMPORARY RAMP (3' Wide)
0+85	68		7
10+31 to 12+69		734	
85+54 to 87+37		532	
155+26 to 157+16		518	
186+85	176		7
186+93	68		7
218+56	68		30
TOTALS	380 SQ YD	1784 SQ YD	51 SQ YD

BRIDGE DECKS *

LOCATIONS	WIDTH
10+81 to 12+19	33'
86+04 to 86+87	33'
155+76 to 156+66	29'

* RESURFACE WITH 1 1/2" HMA SURFACE CSE. (INCLUDED IN TANGENT)

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.
- FLAGMEN SHALL BE REQUIRED DURING PRIMING OPERATIONS.
- "BUMP SIGNS" SHALL BE REQUIRED AT ALL TANGENT HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT LOCATIONS. THE COST SHALL BE CONSIDERED AS INCLUDED IN THE TRAFFIC CONTROL PAY ITEM.