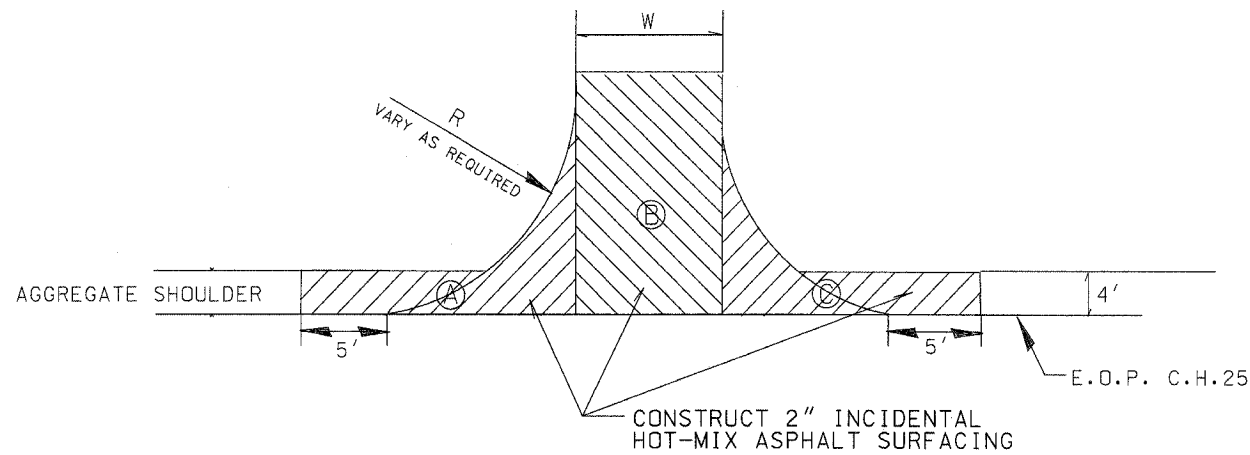


INTERSECTION DETAIL



STATION	AREA	WIDTH	RADIUS	INCIDENTAL HMA SURFACING (TON)	BIT. MATRLS. (PRIME COAT) (GAL)	AGGREGATE (PRIME COAT) (TON)	LOCATION
0+00	A C	22	30	16	10	1	C.H.18
53+31LT	A B C	18	30	15	5	0.5	19000W
53+31RT	A B C	16	30	15	5	0.5	19000W
TOTALS				46	20	2	

Pavement Design Data

Design Period = 20 Years
 ADT = 525 (2007) 580 (2017)
 P.V. = 95 = 551 S.U. = 4 % = 23 M.U. = 1 % = 6

T.F. = 0.05
 S.N. = 2.55

Pavement Structure Number

Ex. 6" AGGREGATE BASE (crushed) 6 x 0.08 = 0.48
 Ex. 5 1/2" CLASS B 5.50 x 0.17 = 0.93
 Ex. 1 1/2" CLASS I 1.50 x 0.23 = 0.35
 Ex. 1 1/2" CLASS I 1.50 x 0.30 = 0.45
 Prop. 2" HMA Surface Cse. 2 x 0.40 = 0.80

3.01

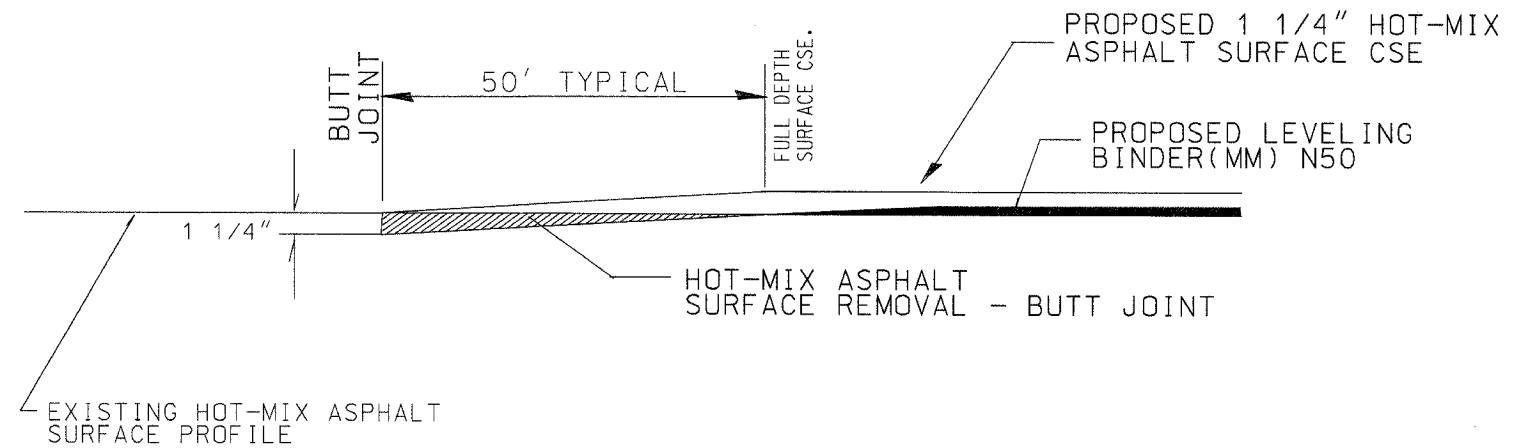
Marshall Stability ≥ 1700

	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
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.
05-00073-04-RS	KANKAKEE	3	3
CONTRACT NO. 87340			

PAVEMENT REMOVAL DETAILS



STATION	HMA SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP (3' Wide)
0+46	116	7
89+22	73	7
TOTALS	189 SQ YD	14 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.
- 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.