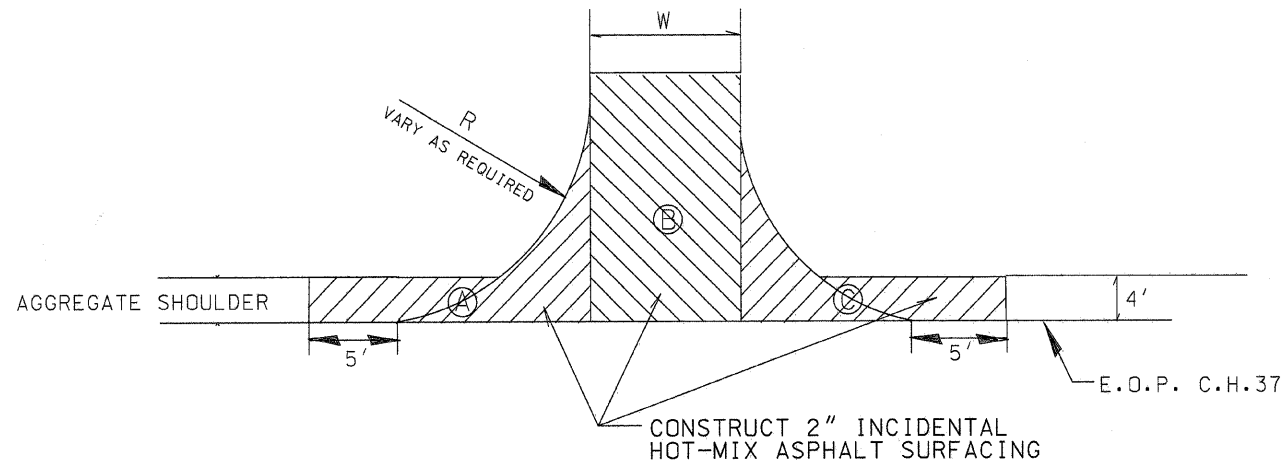


INTERSECTION DETAIL



INTERSECTION QUANTITY SCHEDULE									
STATION	AREA			WIDTH	RADIUS	INCIDENTAL HMA SURFACING (TON)	BIT. MATRLS. (PRIME COAT) (GAL)	AGGREGATE (PRIME COAT) (TON)	LOCATION
254+31LT	A	B	C	18	30	15	5	0.5	8000W
254+31RT	A	B	C	18	30	15	5	0.5	8000W
307+28LT	A	B	C	18	30	15	5	0.5	9000W
307+28RT	A	B	C	18	30	15	5	0.5	9000W
362+88LT	A	B	C	18	30	15	5	0.5	10000W
362+88RT	A	B	C	18	30	15	5	0.5	10000W
TOTALS						90	30	3	

Pavement Design Data

Design Period = 8 Years

ADT = 467 (2008) 486 (2012)

P.V. = 88% = 428 S.U. = 5% = 24 M.U. = 7% = 34

T.F. = 0.06

S.N. = 2.70

Pavement Structure Number

Ex. 9" AGGREGATE BASE (crushed) 9 x 0.08 = 0.72

Ex. 1" BIT A-3 1 x 0.15 = 0.15

Ex. 5 1/2" CLASS B 5.50 x 0.23 = 1.27

Prop. 2" HMA Surface Cse. 2 x 0.40 = 0.80

2.94

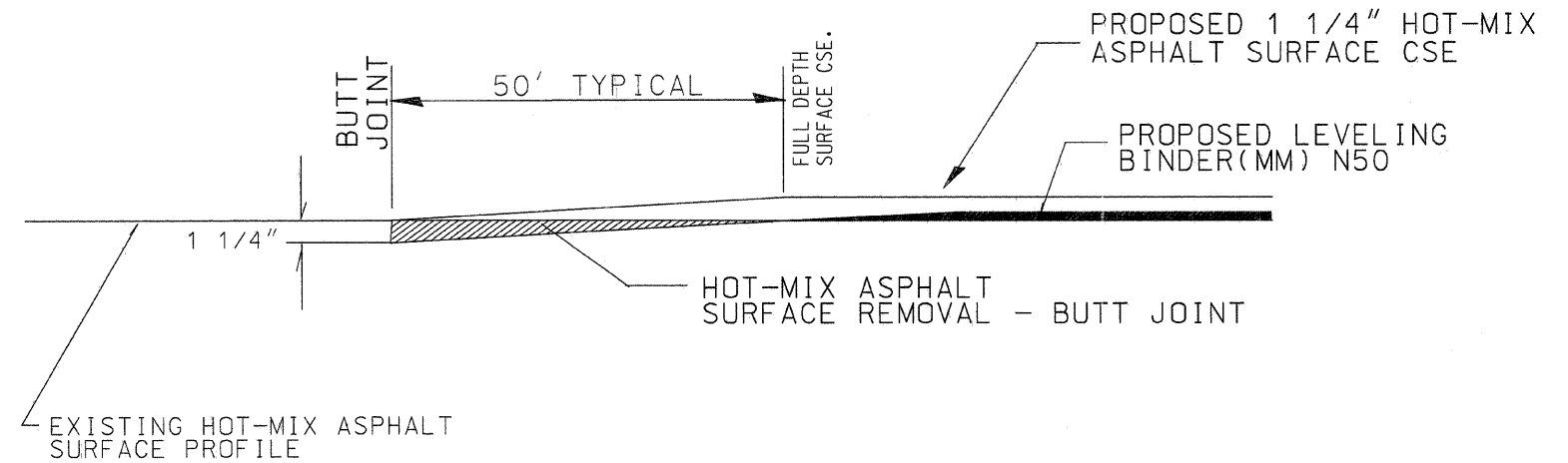
Marshall Stability \geq 1700

	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.
04-00171-01-RS	KANKAKEE	3	3
CONTRACT NO. 87386			

PAVEMENT REMOVAL DETAILS



HOT-MIX ASPHALT SURFACE REMOVAL AND TEMPORARY RAMP SCHEDULE		
STATION	HMA SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP (3' Wide)
213+85	67	7
307+61	67	7
307+81	67	7
362+61	67	7
TOTALS	268 SQ YD	28 SQ YD

GENERAL NOTES:

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL UTILITY LOCATIONS .
2. PERMANENT PAVEMENT MARKINGS TO BE INSTALLED BY THE KANKAKEE COUNTY HIGHWAY DEPT.
3. FLAGMEN SHALL BE REQUIRED DURING PRIMING OPERATIONS.
4. "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.