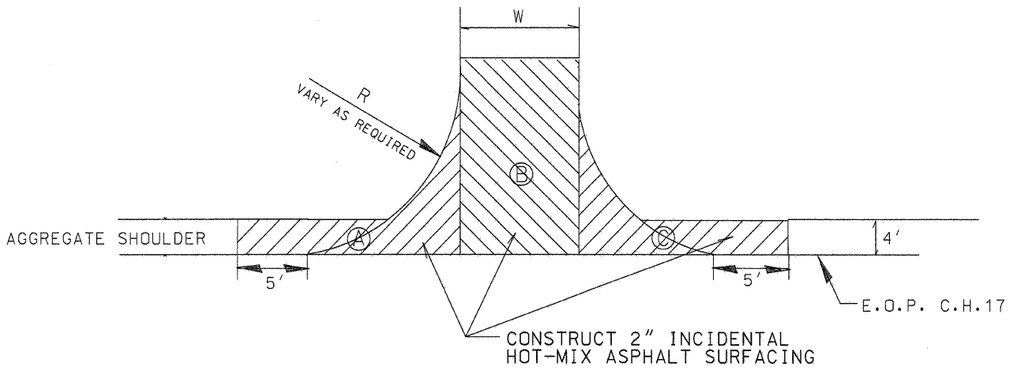
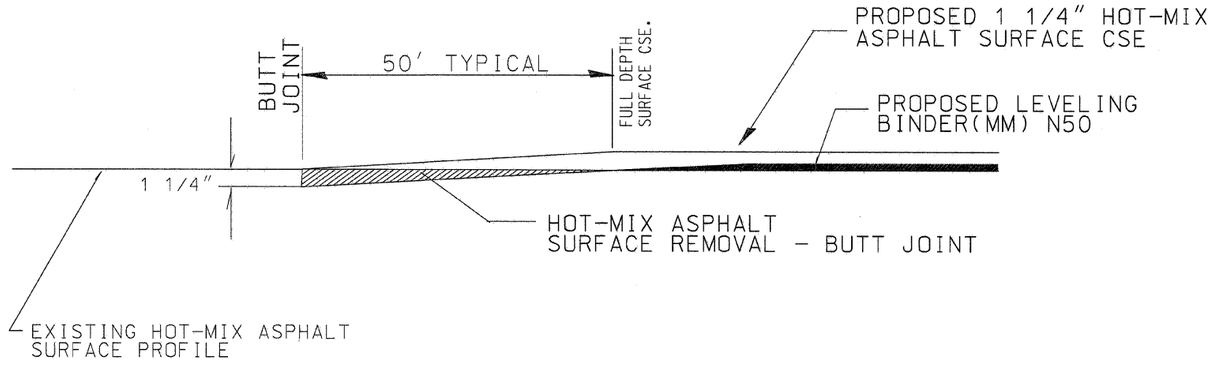
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
04-00047-01-RS	KANKAKEE	3	3
		CONTRACT NO. 87387	

INTERSECTION DETAIL



INTERSECTION QUANTITY SCHEDULE								
STATION	AREA	WIDTH	RADIUS	INCIDENTAL HMA SURFACING (TON)	BIT. MATRLS. (PRIME COAT) (GAL)	AGGREGATE (PRIME COAT) (TON)	LOCATION
0+10	A C	20	30	20	5	1	12000N
56+05RT	A B C	18	30	15	5	0.5	11000N
57+90LT	A B C	18	30	15	5	0.5	11000N
111+11LT	A B C	18	30	15	5	0.5	10000N
111+11LT	A B C	18	30	15	5	0.5	10000N
TOTALS				80	25	3	

PAVEMENT REMOVAL DETAILS



HOT-MIX ASPHALT SURFACE REMOVAL AND TEMPORARY RAMP SCHEDULE		
STATION	HMA SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP (3'Wide)
0+10	109	7
56+32	66	7
57+98	66	7
164+29	66	7
TOTALS	307 SQ YD	28 SQ YD

Pavement Design Data

Design Period = 8 Years

ADT = 869 (2008) 894 (2012)

P.V.= 95% = 849 S.U.= 4 % = 36 M.U.= 1 % = 9

T.F.= 0.03

S.N. = 2.40

Pavement Structure Number

Ex.9"	AGGREGATE BASE (crushed)	9	x 0.08 =	0.72
Ex.1"	BIT A-3	1	x 0.20 =	0.20
Ex.3"	CLASS B	3	x 0.23 =	0.69
Prop. 2"	HMA Surface Cse.	2	x 0.40 =	0.80
				2.41

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 ENGINNER	CORRELATION

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

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.

DRAWN & DESIGNED BY: GDH