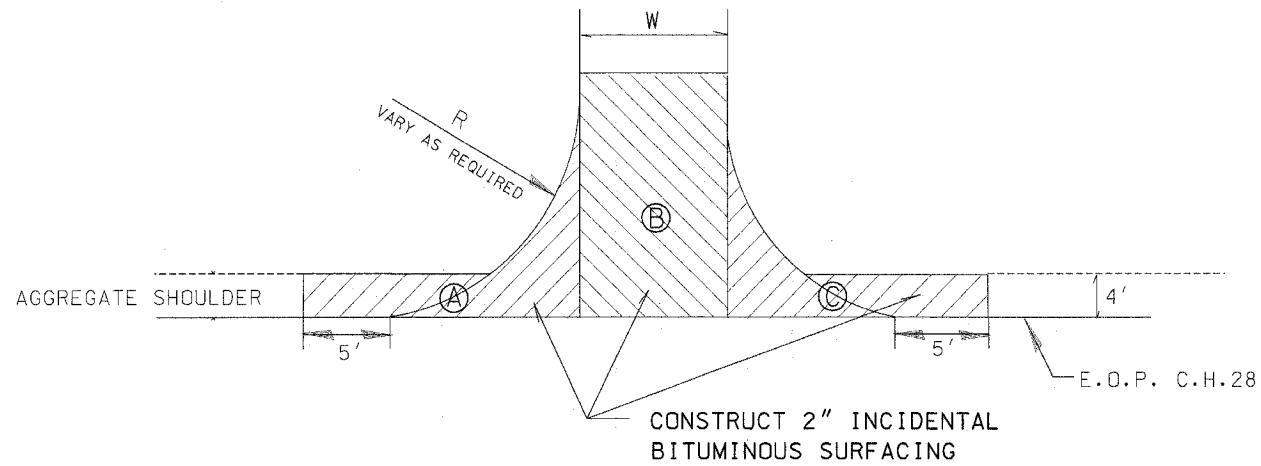
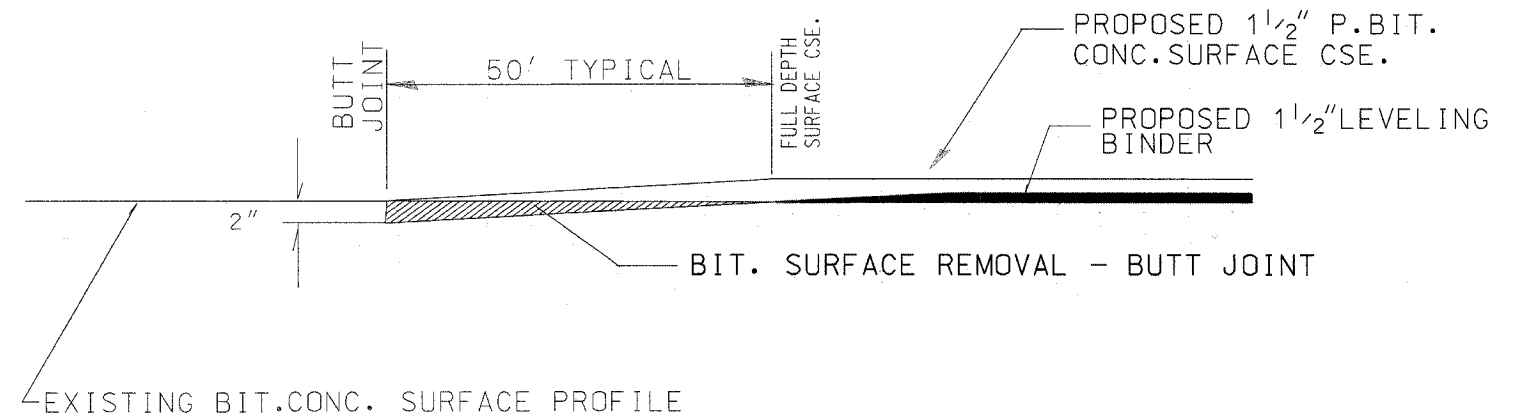


INTERSECTION DETAIL



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
02-00072-06-RS	KANKAKEE	3	3
CONTRACT NO. 87307			

PAVEMENT REMOVAL DETAILS



STATION	AREA			WIDTH	RADIUS	INCIDENTAL BIT. SURFACING (TON)	BIT. MATRLS. (PRIME COAT) (GAL)	AGGREGATE (PRIME COAT) (TON)	LOCATION
	A	B	C						
107+51LT	A	B	C	16	30	15	5	0.5	2000S
107+51RT	A	B	C	16	30	15	5	0.5	2000S
161+06LT	A	B	C	16	30	15	5	0.5	3000S
161+06RT	A	B	C	16	30	15	5	0.5	3000S
214+61	A		C	22	30	20	10	1.0	IL RT 115
TOTALS						80	30	3	

STATION	BIT. SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP (3' Wide)
86+70	73	7
214+61	189	28
TOTALS	262 SQ YD	35 SQ YD

Pavement Design Data

Design Period = 20 Years
 ADT = 1337 (2005) 1479 (2015)
 P.V. = 80 = 1183 S.U. = 5% = 74 M.U. = 15% = 222
 T.F. = 0.76
 Dt = 3.30

Pavement Structure Number

Ex. 9"	AGGREGATE BASE (crushed)	9	x 0.08 =	0.72
Ex. 4"	CLASS B PLANT MIX	4	x 0.12 =	0.48
Ex. 4"	CLASS B PLANT MIX	3	x 0.17 =	0.51
Ex. 2"	CLASS I	2	x 0.23 =	0.60
Prop. 3"	BC Surface Cse.	3	x 0.40 =	1.20
				3.51

Marshall Stability \geq 1700

	SUPERPAVE LEVEL BINDER	SUPERPAVE SURFACE
PG GRADE	PG64-22	SBS PG70-22
MAX % RAP ALLOWABLE**	-	0 %
DESIGN AIR VOIDS	4.0% @ N90	4.0% @ N90
MIXTURE COMPOSITION	IL 9.5 OR IL 12.5	IL 9.5 OR IL 12.5
FRICTION AGGREGATE	-	MIXTURE C
PLANT CONTROL LIMITS	CLASS I	CLASS I
DENSITY TEST METHOD	CORES/NUCLEAR	CORES/NUCLEAR

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

REFLECTIVE CRACK CONTROL SCHEDULE

STATION	AREA TREATMENT	STRIP TREATMENT
87+00 TO 162+00		7500 FOOT
162+00 TO 198+00	8800 SQ YD	
198+00 TO 214+31		1631
	8800 SQ YD	9131 FOOT

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.