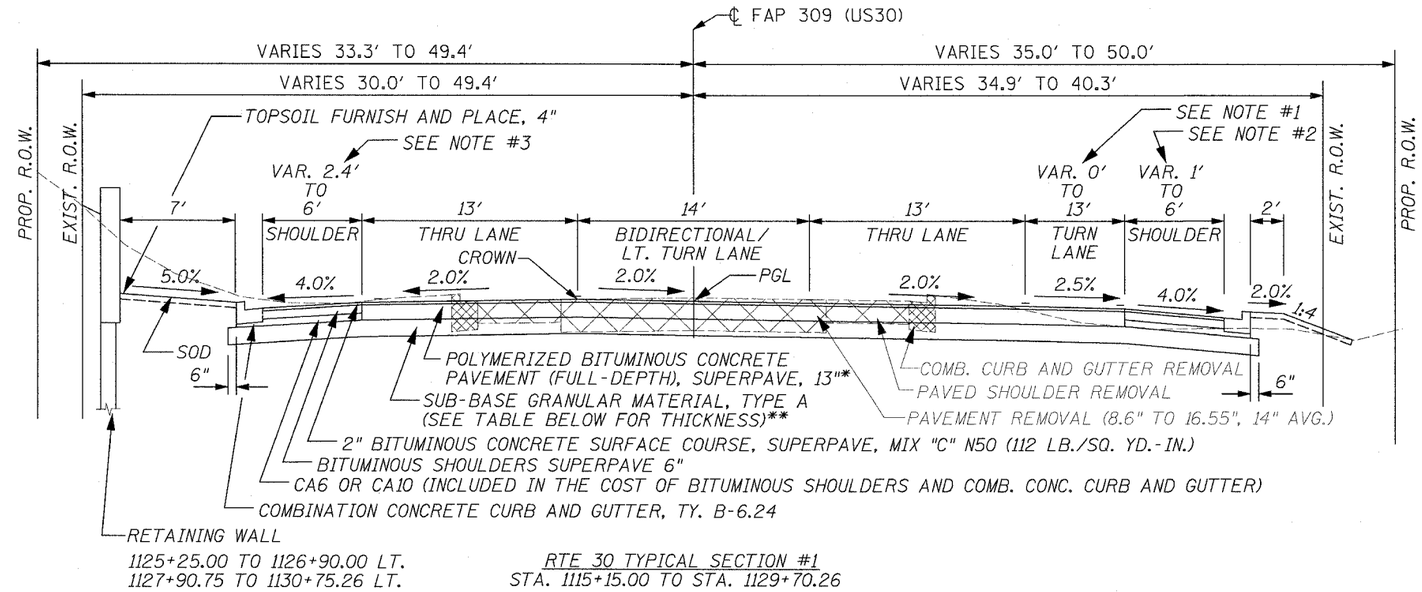
CONTRACT 64969

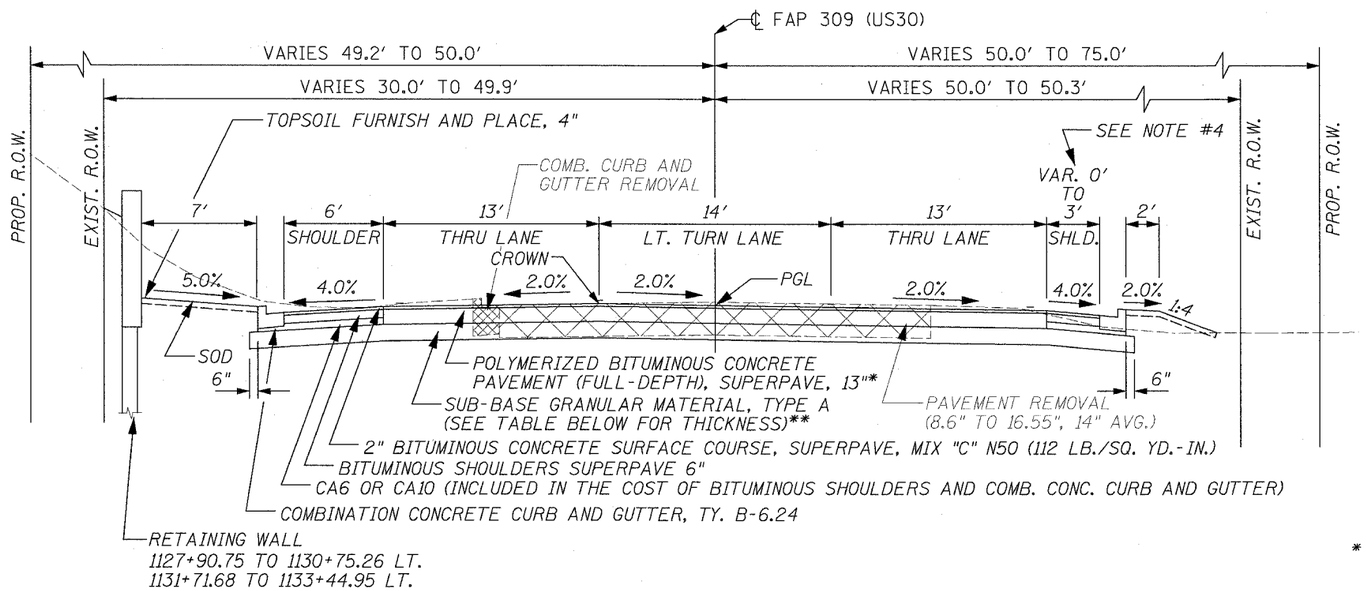
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
309	16R-2	WHITESIDE	547	13
STA. 1115+15.00		TO STA. 1133+59.93		
FED. ROAD DIST. NO. 2	ILLINOIS	FED. AID PROJECT		



RTE 30 TYPICAL SECTION #1
STA. 1115+15.00 TO STA. 1129+70.26

NOTES:

1. TURN LANE, STA. 1125+65.61 TO STA. 1129+70.26
2. VARIES 1.5' TO 6.0', STA. 1115+15.00 TO STA. 1116+14.90; 6.0', STA. 1116+14.90 TO STA. 1125+65.61; VARIES 6.0' TO 1.0', STA. 1125+65.61 TO 1126+42.47; NO SHOULDER, STA. 1126+42.47 TO STA. 1129+70.26
3. VARIES 2.4' TO 6.0', STA. 1115+15.00 TO STA. 1116+15.10; 6.0', STA. 1116+15.10 TO STA. 1129+70.26
4. NO SHOULDER, STA. 1129+70.26 TO STA. 1131+11.38; VARIES 1.0' TO 3.0', STA. 1131+11.38; TO STA. 1131+48.80; 3.0', STA. 1131+48.80 TO STA. 1133+60.57.
5. PROTECTIVE COAT SHALL BE PROVIDED ON COMB. CONC. CURB & GUTTER AND P.C.C. PAVEMENT IF CONSTRUCTED AFTER OCT. 15TH AND TRAFFIC IS ANTICIPATED PRIOR TO THE FOLLOWING APRIL 15TH.
6. CROWN VARIES FROM CENTERLINE OF F.A.P. 309 (U.S. 30) TO LEFT EDGE OF TURN LANE, STA. 1115+15.00 TO STA. 1115+75.00.



RTE 30 TYPICAL SECTION #2
STA. 1129+70.26 TO STA. 1133+60.57

STRUCTURAL DESIGN INFORMATION - FLEXIBLE PAVEMENT					
STRUCTURAL DESIGN TRAFFIC:		YEAR	2013		
PV =	13160	SU =	440	MU =	1100
ROAD/STREET CLASSIFICATION:		Class	II		
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:					
P =	50	S =	50	M =	50
TRAFFIC FACTOR:	Actual TF =	4.75		Minimum TF =	3.81
AC Type =	20		AC Mixture Temp. =	78.2	
AC Mixture Modulus =	595		Design Strain =	64	
AC GRADE:	Binder =	SBS PG 70-28	Surface =	SBS PG 70-28	
Flexible Pavement Thickness = 13"			Surface =	2.0"	Binder = 11"
SUBGRADE SUPPORT RATING:					
SSR =	Poor	(Sta.	1115+15	to	1174+30)

* 2" POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70 (112 LB./SQ. YD.-IN.)
11" POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N70 (112 LB./SQ. YD.-IN.)

SUB-BASE GRANULAR MATERIAL THICKNESS

**GEOTECHNICAL REINFORCEMENT	12" SUB-BASE	27" SUB-BASE	30" SUB-BASE
1142+50 TO 1144+50	1118+50 TO 1122+50	1115+15 TO 1118+50	1122+50 TO 1130+00
1145+50 TO 1146+50	1130+00 TO 1174+30		

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS (SHEET 1 OF 7)
FAP ROUTE 309 (US 30)
SECTION 16R-2
EAST CONTRACT
FROM 0.2 MILE EAST OF JACKSON ST.
TO FRENCH CREEK, WHITESIDE COUNTY

SCALE: N.T.S. DRAWN BY CAM
DATE 08/11/05 CHECKED BY RDY

D6047911.dgn 12/12/2025 9:02:36 AM