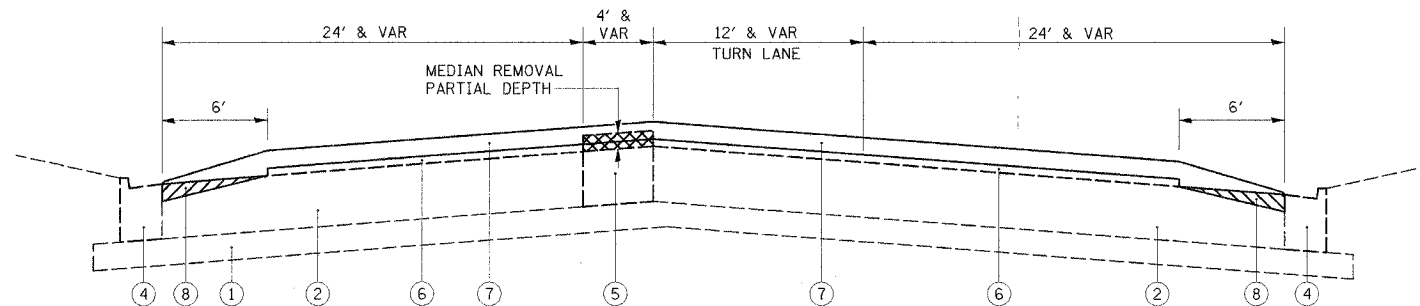


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1581	*		29	4
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (0202 & 0208) RS-8 62748				



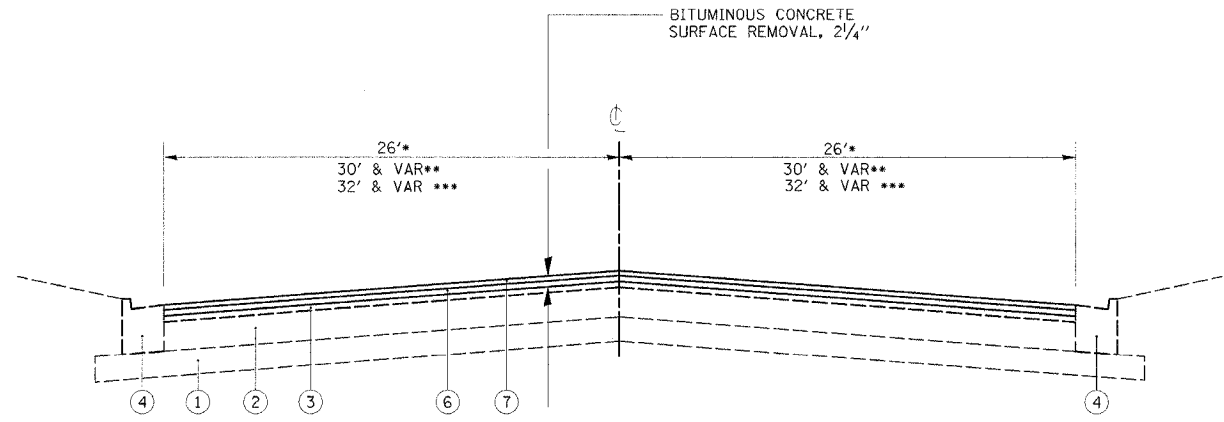
PROPOSED TYPICAL SECTION 111TH STREET

STA 110+11 TO STA 120+30
SEE PLAN FOR PAVEMENT WIDTH VARIATIONS

MIXTURE REQUIREMENTS
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT

MIXTURE	AC TYPE	MIX RAP (%)	AIR VOIDS (%)
POLYMERIZED BIT. CONC. SURFACE COURSE SUPERPAVE, MIX F, N90	SBS/SBR PG 76-22	0	4% @ 90 GYR.
POLYMERIZED LEVELING BINDER (MACHINE METHOD) IL-4.75, N50	SBS/SBR PG 76-28	0	2.5% @ 50 GYR.
BITUMINOUS REPLACEMENT OVER PATCHES IL 19.0 mm	PG 64-22	15	4% @ 70 GYR.

NOTE:
THE UNIT WEIGHT USED TO CALCULATE ALL BITUMINOUS SURFACE MIXTURE REQUIREMENTS IS 112 POUNDS PER SQUARE YARD PER INCH.



PROPOSED TYPICAL SECTION 111TH STREET

* STA 19+89.67 TO STA 31+63.00
** STA 31+63.00 TO STA 110+11.00
*** STA 126+37.00 TO STA 132+04.00
STA 120+30.00 TO STA 126+37.00

LEGEND

- ① EXISTING AGGREGATE BASE COURSE
- ② EXISTING PCC PAVEMENT
- ③ EXISTING BITUMINOUS SURFACE COURSE
- ④ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑤ EXISTING CORRUGATED MEDIAN
- ⑥ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD) SUPERPAVE, IL4.75, N50, 3/4"
- ⑦ PROPOSED POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX F, N90, 1 3/4"
- ⑧ PROPOSED PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAU ROUTE 1581 (111TH STREET)
US 45 (96TH AVE) TO IL 7 (SOUTHWEST HWY)

TYPICAL SECTIONS

SCALE: VERT. _____
HORIZ. _____

DATE _____ DRAWN BY _____
CHECKED BY _____

4/17/2005 11:53:25 AM R:\1182516\Cadd\Design\182507Typ_Section.dgn