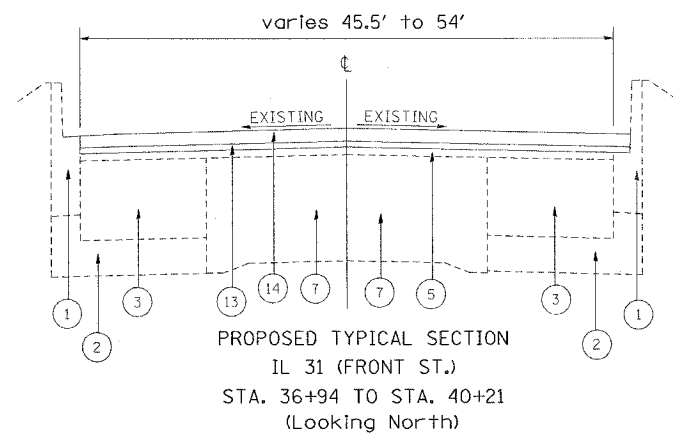
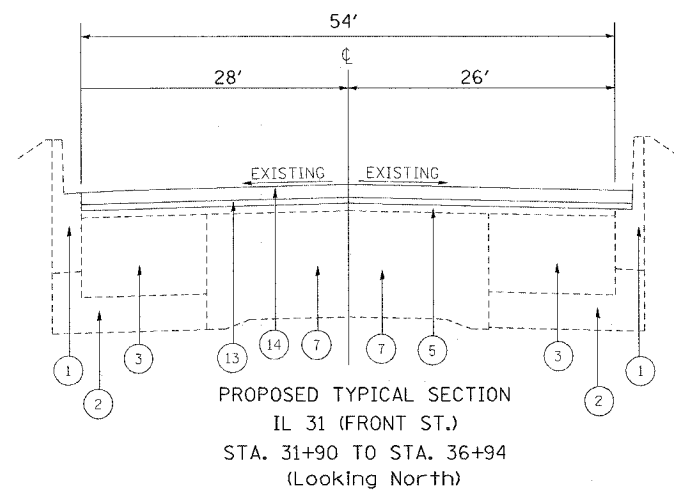
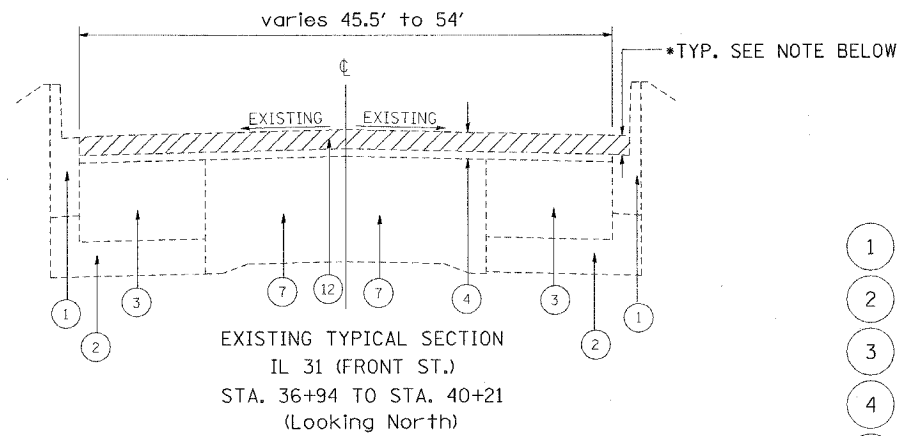
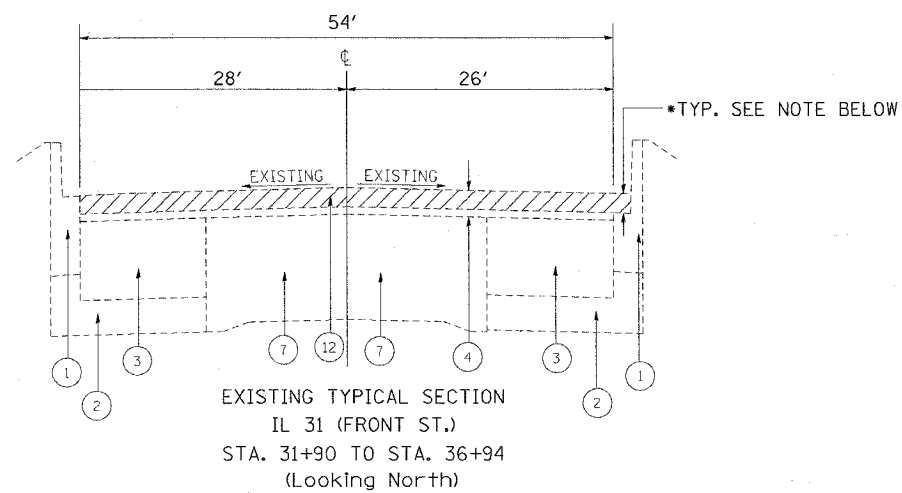


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	112 RS-5	MCHENRY	34	4
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



LEGEND

- 1 EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.24 (MODIFIED)
- 2 EXISTING SUB-BASE GRANULAR MATERIAL, TYPE B (4")
- 3 EXISTING PC CONC. BASE COURSE 8" ±
- 4 EXISTING HOT-MIX ASPHALT OVERLAY VARIES 6 3/4"±
- 5 EXISTING HOT-MIX ASPHALT OVERLAY AFTER MILLING
- 6 EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12
- 7 EXISTING PC CONC. BASE COURSE 9"±
- 8 EXISTING BITUMINOUS BASE COURSE 10 3/4"
- 9 EXISTING BITUMINOUS CONCRETE PARKING (3" & VAR.)
- 10 EXISTING BITUMINOUS CONC. BASE COURSE WIDENING 9"
- 11 EXISTING RAISED CONCRETE MEDIAN
- 12 PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- 13 PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- 14 PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- 15 PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"

MIXTURE REQUIREMENTS

MIXTURE USES	PAVEMENT RESURFACING		PATCHING	
	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	HOT-MIX ASPHALT SURFACE, MIX "D", N70	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (BINDER IL-19MM)	CLASS D PATCHES (BINDER IL-19MM)
AC/PG:	SBS/SBR PG 76-28/22	PG 64-22	PG 64-22/58-22	PG 64-22/58-22
DESIGN AIR VOIDS	4.0% @ 50 GYR	4.0% @ 70 GYR	4% @ 70 GYR	4% @ 70 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIX QUANTITIES IS 112 LBS/SQYD/IN WHEN RAP EXCEEDS 20%. THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22

* GUTTER FLAG HAS BEEN OVERLAYED AT SOME LOCATIONS THROUGHOUT JOB LIMITS. REMOVAL OF THE HOT-MIX ASPHALT OVERLAY ON THE GUTTER SHALL BE PAID FOR UNDER "HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4". LOCATIONS TO BE DETERMINED BY ENGINEER.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
IL 31 (FRONT ST.)
EXISTING AND PROPOSED
TYPICAL CROSS SECTIONS

SCALE: N.T.S.
DATE

DRAWN BY
CHECKED BY