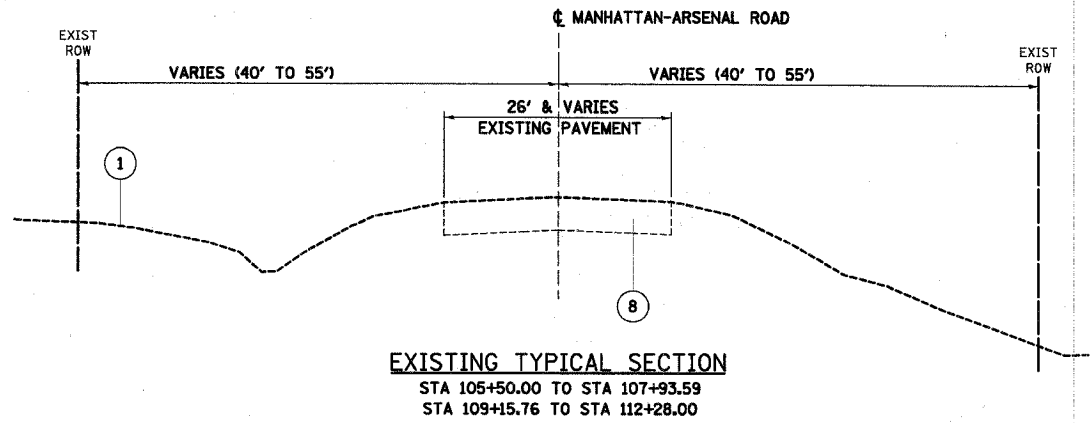
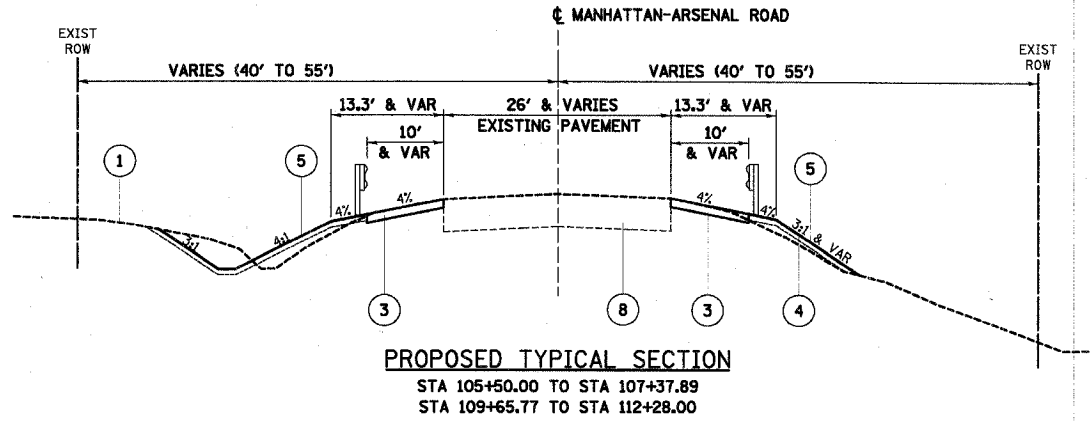


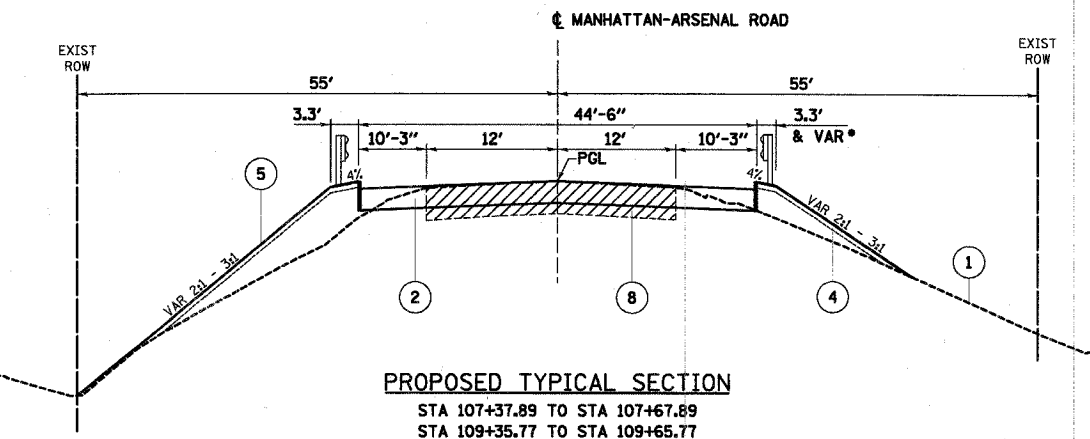
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
532	02-00117-21-BR	WILL	35	4
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		



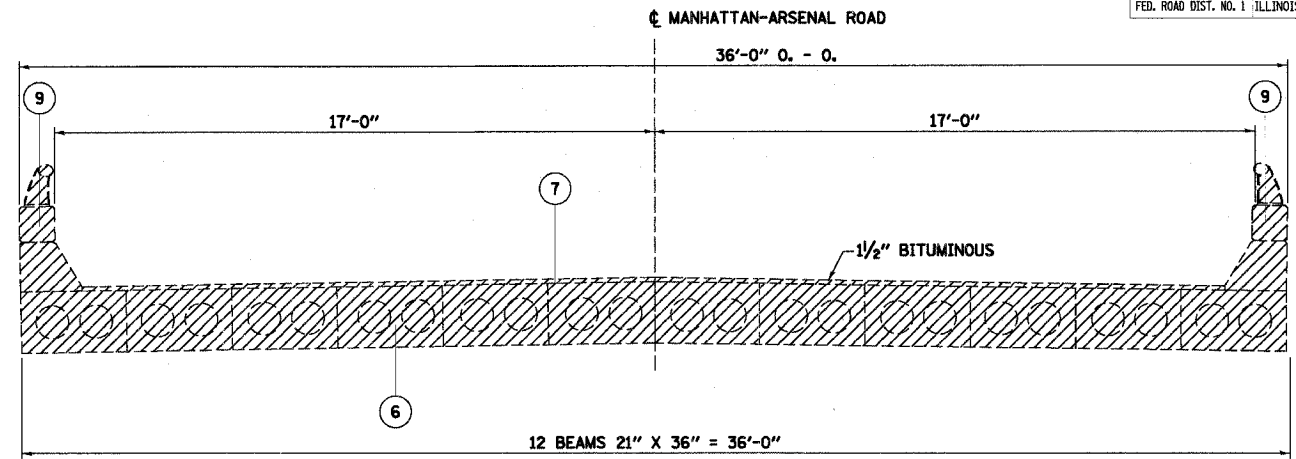
EXISTING TYPICAL SECTION
 STA 105+50.00 TO STA 107+93.59
 STA 109+15.76 TO STA 112+28.00



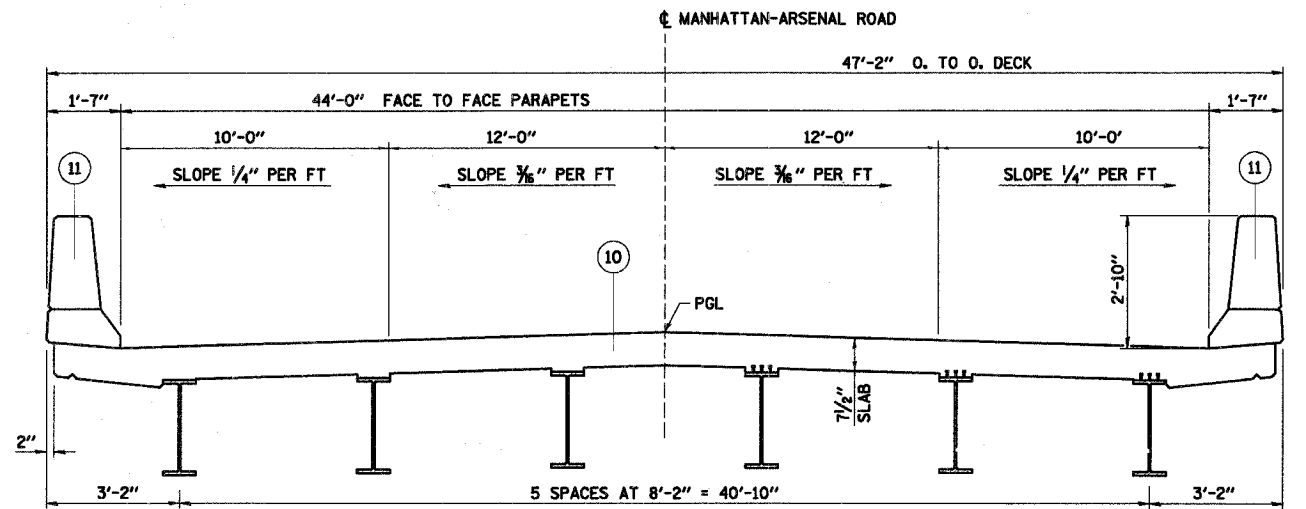
PROPOSED TYPICAL SECTION
 STA 105+50.00 TO STA 107+37.89
 STA 109+65.77 TO STA 112+28.00



PROPOSED TYPICAL SECTION
 STA 107+37.89 TO STA 107+67.89
 STA 109+35.77 TO STA 109+65.77
 * SEE HIGHWAY STANDARD 630301-04 FOR SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS



EXISTING BRIDGE TYPICAL SECTION
 STA 107+86.34 TO STA 109+22.39



PROPOSED BRIDGE TYPICAL SECTION
 STA 107+67.89 TO STA 109+35.77

LEGEND

- ① EXISTING GROUND
 - ② BRIDGE APPROACH PAVEMENT
 - ③ AGG SHOULDER TYPE B, 6" (TYP)
 - ④ TOPSOIL FURNISH AND PLACE, 4"
 - ⑤ SEEDING, CLASS 2A (TYP) WITH NITROGEN, PHOSPHOROUS, POTASSIUM FERTILIZER NUTRIENT, & EROSION CONTROL BLANKET
 - ⑥ EXISTING PPC DECK BEAM SUPERSTRUCTURE (21" X 36" BEAMS)
 - ⑦ EXISTING BITUMINOUS WEARING SURFACE (1 1/2" THICK)
 - ⑧ EXISTING BITUMINOUS PAVEMENT
 - ⑨ EXISTING CONCRETE PARAPET WITH ALUMINUM RAILING
 - ⑩ PROPOSED CONCRETE SUPERSTRUCTURE (SEE BRIDGE PLANS)
 - ⑪ PROPOSED CONCRETE PARAPET (SEE BRIDGE PLANS)
- ▨ INDICATES ITEMS TO BE REMOVED

HOT-MIX ASPHALT REQUIREMENTS		
MIXTURE TYPE	AC TYPE	AIR VOIDS
* HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	PG 64-22	4% @ 70 Gyr.
* HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	PG 64-22 / 58-22 *	4% @ 70 Gyr.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS./SQ YD./IN.
 * WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22
 ** BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)

REVISIONS		WILL COUNTY DEPARTMENT OF HIGHWAYS	
NAME	DATE		
		TYPICAL SECTIONS MANHATTAN-ARSENAL ROAD OVER JACKSON CREEK	

SCALE: NONE
 DATE: 12-08-06
 DRAWN BY: SVJ
 CHECKED BY: JJS