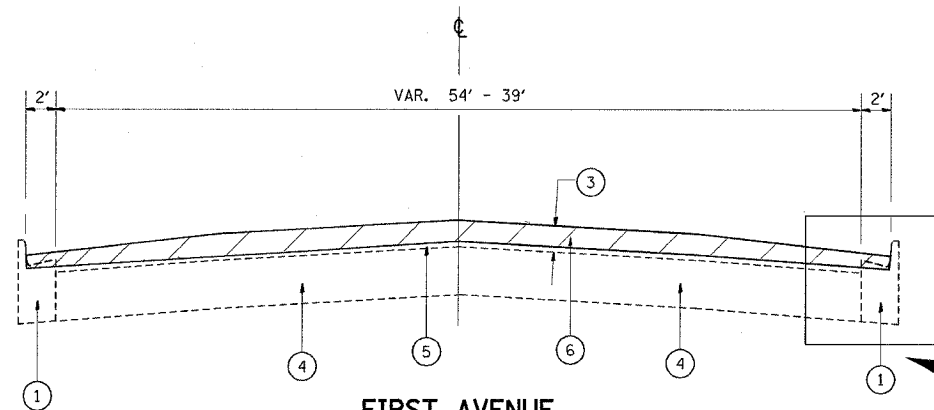
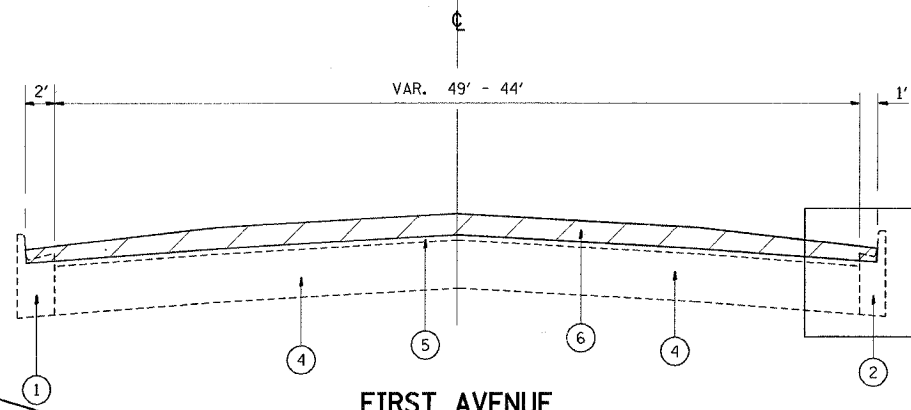


F. A. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	3091-RS-4	COOK	27	5
STA.	26+20	TO STA.	85+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

C62728



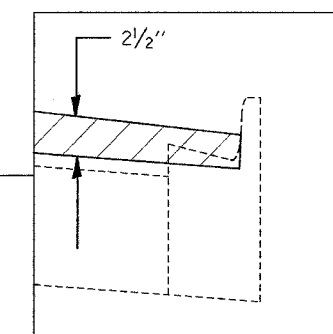
FIRST AVENUE
EXISTING TYPICAL CROSS SECTION
(FROM STATIONS 26+22 TO 61+06)



FIRST AVENUE
EXISTING TYPICAL CROSS SECTION
(FROM STATIONS 61+06 TO 85+00)

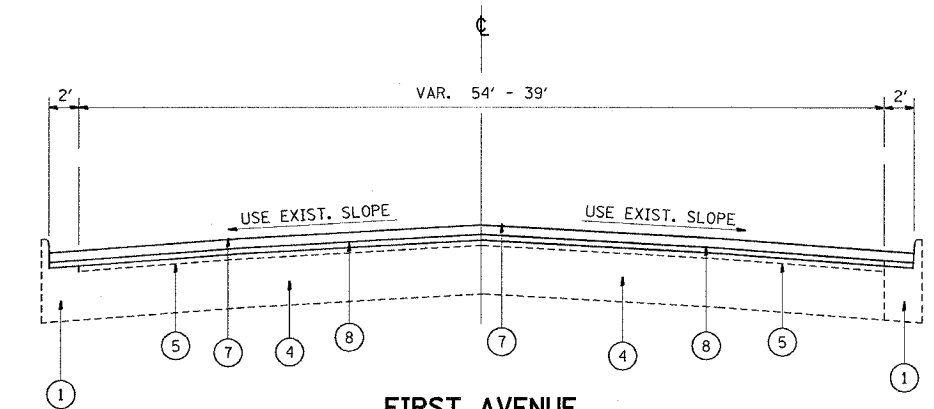
LEGEND :

- ① EXISTING COMB. CONC. CURB & GUTTER, TYPE B-6.24
- ② EXISTING COMB. CONC. CURB & GUTTER, TYPE B-6.12
- ③ EXISTING HOT-MIX ASPHALT SURFACE ± 6"
- ④ EXISTING P.C. CONC. BASE COURSE ± 9"
- ⑤ EXISTING HOT-MIX ASPHALT SURFACE OVERLAY AFTER MILLING
- ⑥ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL - 2½"
- ⑦ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1¾"
- ⑧ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, ¾"

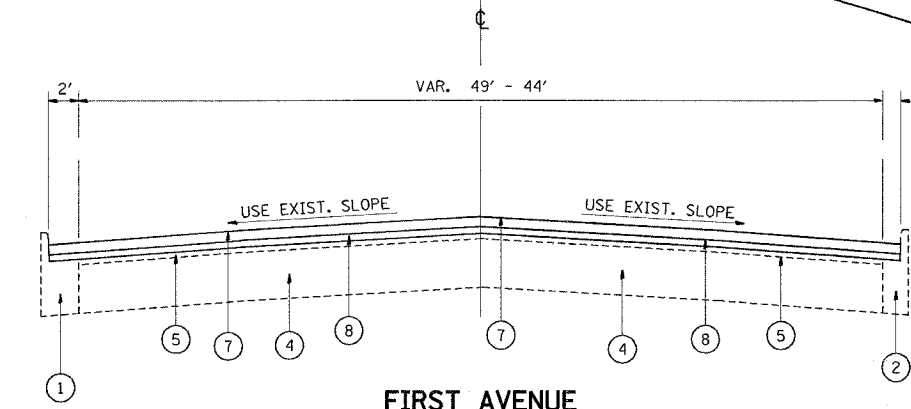


NOTE:

REMOVAL OF ANY CONCRETE IS INCLUDED IN THE COST OF HOT-MIX ASPHALT SURFACE REMOVAL 2½"



FIRST AVENUE
PROPOSED TYPICAL CROSS SECTION
(FROM STATIONS 26+22 TO 61+06)



FIRST AVENUE
PROPOSED TYPICAL CROSS SECTION
(FROM STATIONS 61+06 TO 85+00)

HMA MIXTURE REQUIREMENTS

MIXTURE USE	AC/PG	AIR VOIDS (%)
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 MM)	SBS/SBR PG 70-22	4% @ 90 GYR.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	SBS/SBR PG 76-28/-22	4% @ 50 GYR.
ALL CLASS D PATCHES (HMA BINDER IL-19MM)	PG 64-22*	4% @ 70 GYR.
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 MM)	PG 64-22*	4% @ 70 GYR.
DRIVEWAYS HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2" (IL 9.5 MM)	PG 64-22	4% @ 50 GYR.
DRIVEWAYS HOT-MIX ASPHALT BASE COURSE, 8" (HMA BINDER IL-19 MM)	PG 64-22*	4% @ 50 GYR.
THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN		
* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22		

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
IL-171 (1ST AVENUE)
I-290 TO LAKE ST.
TYPICAL CROSS SECTION

SCALE: VERT. NONE
HORIZ. NONE
DATE OCT. 24, 2006

DRAWN BY FRITZ
CHECKED BY