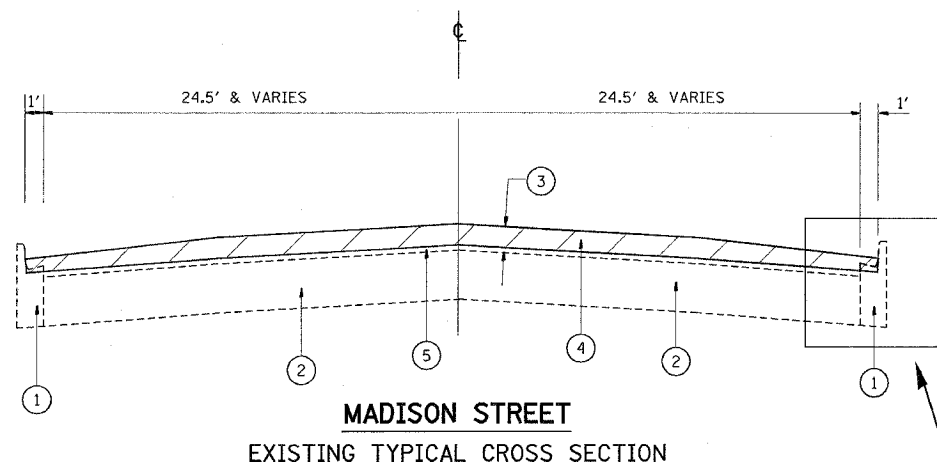


P. A. U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1419	3091-RS-4	COOK	27	6
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

C62728



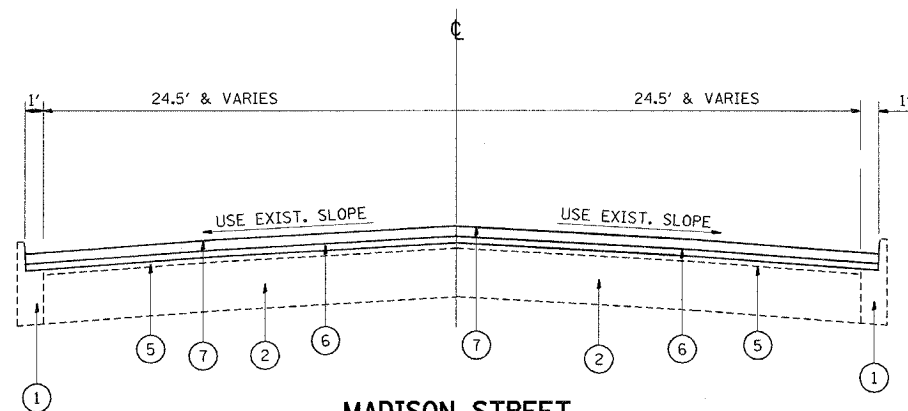
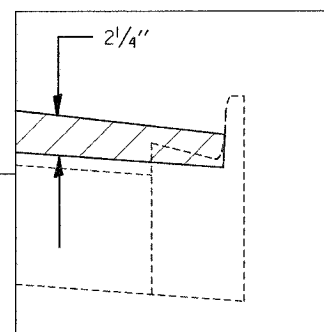
MADISON STREET
EXISTING TYPICAL CROSS SECTION

LEGEND :

- ① EXISTING COMB. CONC. CURB & GUTTER, TYPE B-6.12
- ② EXISTING P.C. CONC. BASE COURSE ± 9"
- ③ EXISTING HOT-MIX ASPHALT SURFACE ± 4"
- ④ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- ⑤ EXISTING HOT-MIX ASPHALT SURFACE OVERLAY AFTER MILLING
- ⑥ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑦ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"

NOTE:

REMOVAL OF ANY CONCRETE IS INCLUDED IN THE COST OF HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"



MADISON STREET
PROPOSED TYPICAL CROSS SECTION

BITUMINOUS MIXTURE REQUIREMENTS

MIXTURE USE	AC/PG	AIR VOIDS (%)
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 MM)	PG 64-22	4% @ 70 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-19MM)	PG 64-22 *	4% @ 70 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
MADISON STREET
FIRST AVE. TO DES PLAINES RIVER
TYPICAL CROSS SECTION

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

DRAWN BY FRITZ
CHECKED BY