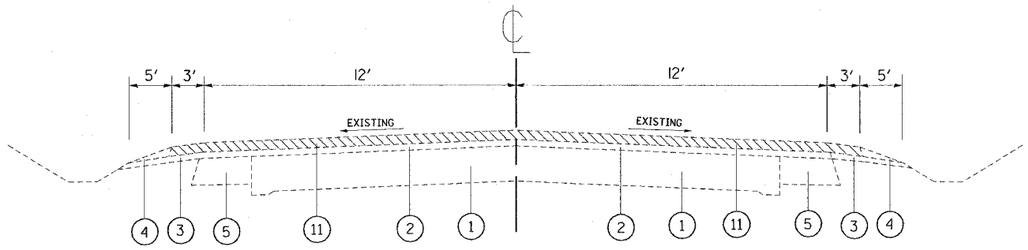
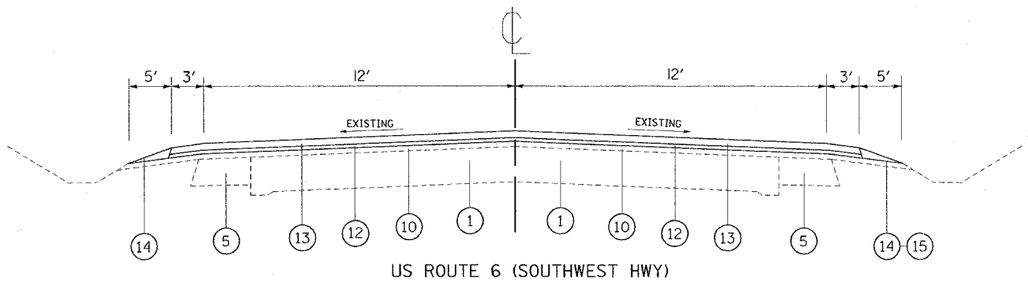
CONTRACT: 60A84

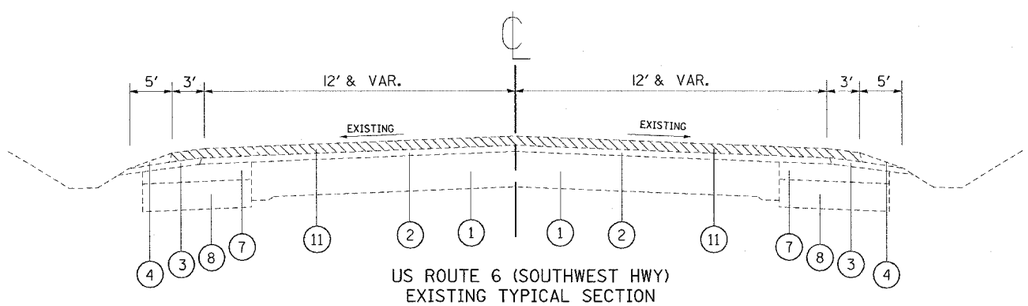
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2688	3178 G-RS-2	COOK	24	4
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	HIGHWAY PROJECT		



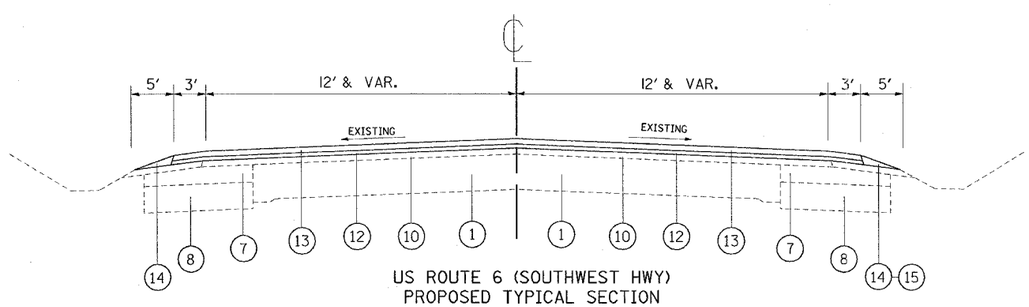
US ROUTE 6 (SOUTHWEST HWY)
EXISTING TYPICAL SECTION
STA. 3+76 TO STA. 64+65



US ROUTE 6 (SOUTHWEST HWY)
PROPOSED TYPICAL SECTION
STA. 3+76 TO STA. 64+65



US ROUTE 6 (SOUTHWEST HWY)
EXISTING TYPICAL SECTION
STA. 64+65 TO STA. 72+58



US ROUTE 6 (SOUTHWEST HWY)
PROPOSED TYPICAL SECTION
STA. 64+65 TO STA. 72+58

LEGEND

1. EXISTING CONCRETE PAVEMENT, 9" (±)
2. EXISTING HMA SURFACE, 6" (±)
3. EXISTING HMA SHOULDER
4. EXISTING AGGREGATE SHOULDER
5. EXISTING HMA BASE COURSE WIDENING 9"
6. EXISTING P.C. CONC. BASE COURSE WIDENING 9"
7. EXISTING HMA BINDER COURSE
8. EXISTING AGGREGATE SUBGRADE 12"
9. EXISTING GRANULAR SUBGRADE
10. EXISTING HMA SURFACE AFTER MILLING
11. PROPOSED HMA SURFACE REMOVAL, 2 1/4 "
12. PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, (3/4 ")
13. PROPOSED HMA SURFACE COURSE, MIX "D", N70, (1 1/2 ")
14. PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
15. PROPOSED GRADING & SHAPING SHOULDERS

REMOVAL ITEM

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AC / PG	AIR VOIDS (%)
HMA SURFACE COURSE, MIX "D", N70, (IL-9.5 mm)	PG 64-22	4% @ 70 GYR.
POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50	SBS/SBR PG 76-28/22	4% @ 50 GYR.
CLASS D PATCHES (BINDER, IL-19.0 mm)	PG 64-22 / 58-22	4% @ 50 GYR.
HMA REPLACEMENT OVER PATCHES, (BINDER, IL-19.0 mm)	PG 64-22 / 58-22	4% @ 50 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL BITUMINOUS SURFACE MIXTURES 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

US ROUTE 6
FROM 159TH STREET TO COOK-WILL COUNTY LINE

EXISTING AND PROPOSED TYPICAL SECTIONS

SCALE: VERT. HORIZ.
DATE
DRAWN BY
CHECKED BY

PLOT DATE = 3/17/2007
FILE NAME = c:\projects\d116086\designmod.dgn
PLOT SCALE = 50.0000 ' / IN.
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