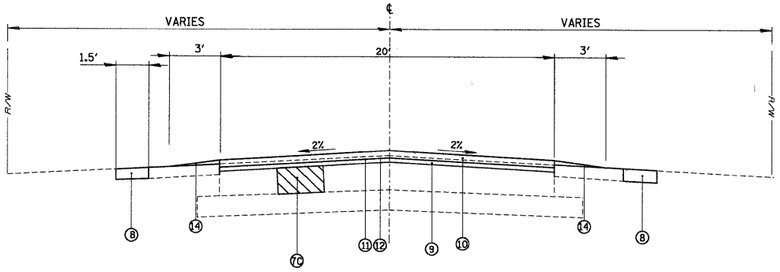
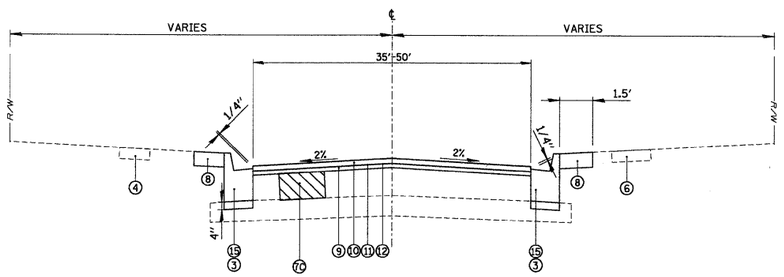


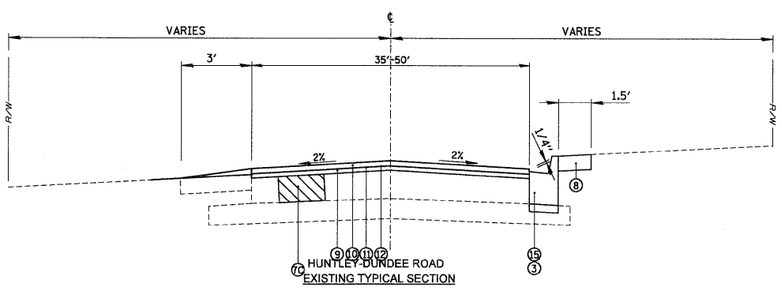
HUNTLEY-DUNDEE ROAD
EXISTING TYPICAL SECTION

I STA. 100+38.95 TO STA. 131+00.0
III STA. 135+81.2 TO STA. 138+96.2
VII STA. 142+30.5 TO STA. 153+47.4
IX STA. 155+80.4 TO STA. 159+97.4
XIII STA. 163+41.7 TO STA. 175+00.0



HUNTLEY-DUNDEE ROAD
EXISTING TYPICAL SECTION

V STA. 139+84.2 TO STA. 141+22.8
XI STA. 160+91.2 TO STA. 162+41.7



HUNTLEY-DUNDEE ROAD
EXISTING TYPICAL SECTION

III STA. 131+00 TO STA. 135+81.2

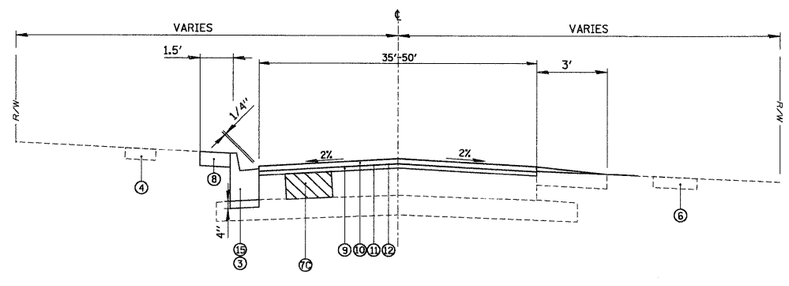
LEGEND

1. EXISTING HOT-MIX ASPHALT PAVEMENT
2. EXISTING AGGREGATE SUBBASE
3. EXISTING B6.12 CURB AND GUTTER
4. EXISTING PCC SIDEWALK
6. EXISTING HOT-MIX ASPHALT BIKE PATH
6A. EXISTING AGGREGATE SHOULDER
7. HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"
7A. HOT-MIX ASPHALT SURFACE REMOVAL, 2"
7B. HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL
7C. CLASS D PATCHES, 6" (LOCATION AND TYPE AS DIRECTED BY RE)
8. TOPSOIL, IDOT CL 1A SEEDING AND EROSION CONTROL BLANKET AS DIRECTED BY THE ENGINEER AND AS NECESSARY FOR CURB AND GUTTER REMOVAL AND REPLACEMENT, PCC SIDEWALK 5" AND DRIVEWAY REPLACEMENT (INCIDENTAL TO COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT, AGGREGATE SHOULDER, PCC SIDEWALK 5" AND PAVEMENT REMOVAL)
9. PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 - 3/4".
10. PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 - 1 1/2"
11. PROPOSED BITUMINOUS MATERIAL (PRIME COAT)
12. PROPOSED AGGREGATE (PRIME COAT)
13. PROPOSED AREA REFLECTIVE CRACK CONTROL TREATMENT
14. PROPOSED AGGREGATE SHOULDER, TYPE B
15. COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (AS DIRECTED BY THE ENGINEER). INCLUDES 4" SUBBASE GRANULAR MATERIAL TYPE B.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
ITEM	AC-TYPE	VOIDS
RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm), 1 1/2"	PG 64-22	4%@70GYR.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), N50 , IL-4.75, N50, 3/4"	SBS/SBR PG 76-28/-22	4%@50GYR.
PATCHING		
CLASS D PATCHES, 6" (HMA BINDER IL-19MM)	PG 64-22/*	4%@70GYR.

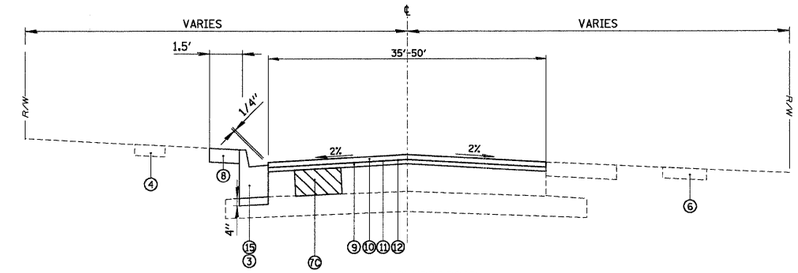
NOTE:
THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.

* WHEN RAP EXCEEDS 20% THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.



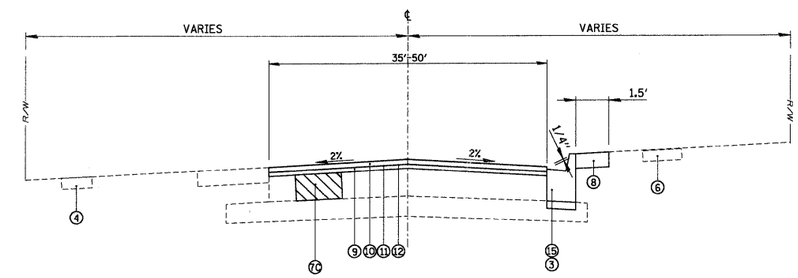
HUNTLEY-DUNDEE ROAD
EXISTING TYPICAL SECTION

VIII STA. 153+47.4 TO STA. 155+80.4



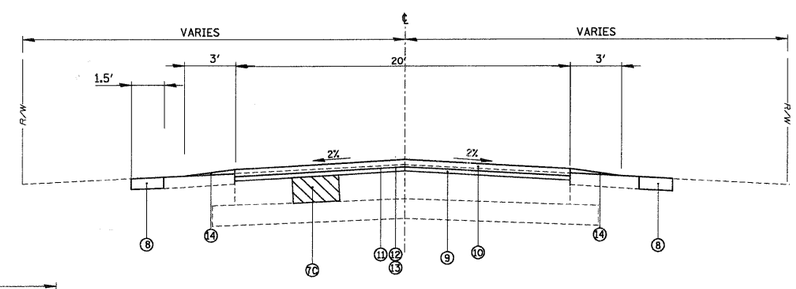
HUNTLEY-DUNDEE ROAD
EXISTING TYPICAL SECTION

VI STA. 141+22.8 TO STA. 142+30.5
XII STA. 162+41.7 TO STA. 163+41.7



HUNTLEY-DUNDEE ROAD
EXISTING TYPICAL SECTION

IV STA. 138+96.2 TO STA. 139+84.2
X STA. 159+97.4 TO STA. 160+91.2



HUNTLEY-DUNDEE ROAD
EXISTING TYPICAL SECTION

XIV STA. 175+00.0 TO STA. 191+83.0

FILE NAME = N:\Huntley\070103\070103.0001\Civil\PRTY_Dundee.sht	USER NAME = MAGOLDEN	DESIGNED - LMF	REVISED -
		DRAWN - MAG	REVISED -
	PLOT SCALE = NTS	CHECKED - LMF	REVISED -
	PLOT DATE = 2/18/2009	DATE - 2/18/2009	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HUNTLEY-DUNDEE ROAD
PROPOSED TYPICAL SECTIONS

SCALE: NTS | SHEET NO. OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0035	08-00033-00-RS	McHENRY	19	5
		CONTRACT NO. 63141		

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT