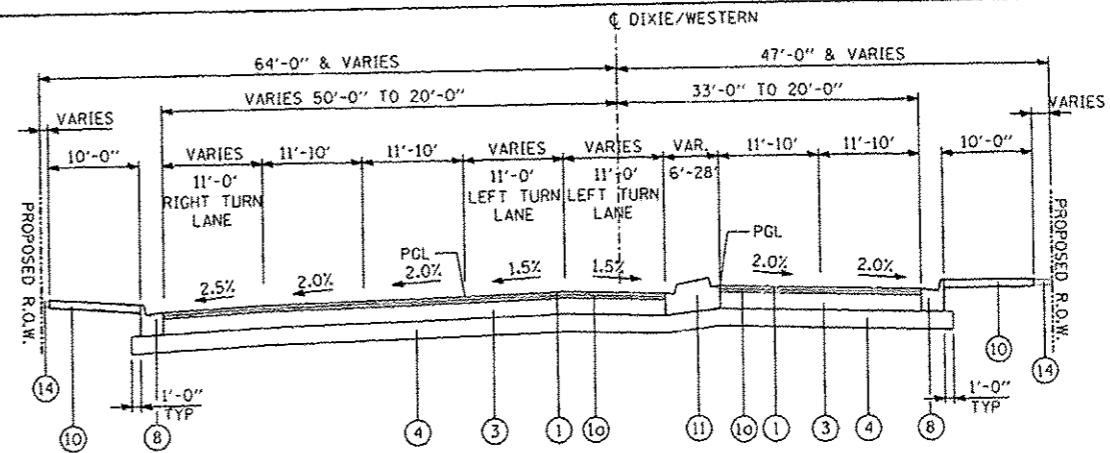
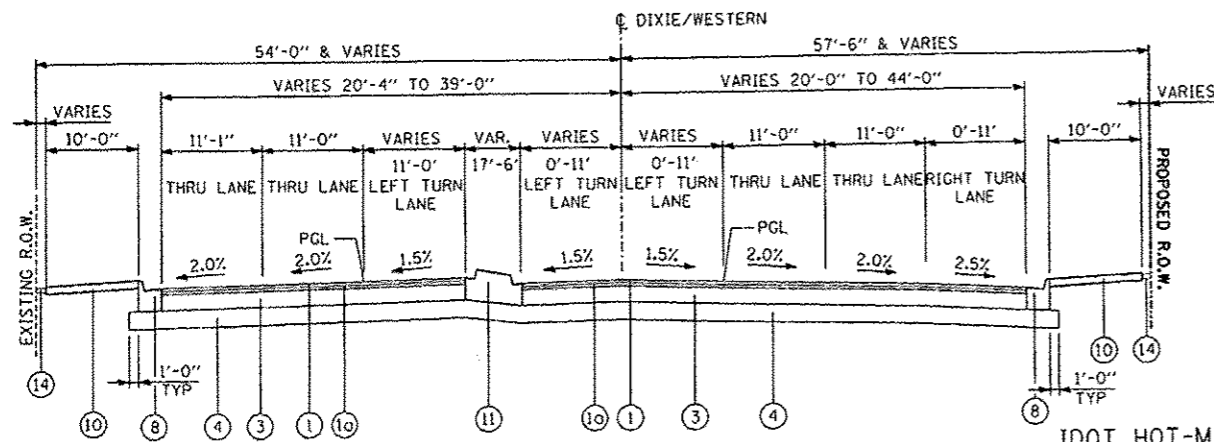


**147TH STREET**  
DIXIE/WESTERN TO PROJECT LIMIT  
STA. 1075+80.22 TO STA. 1079+99.63

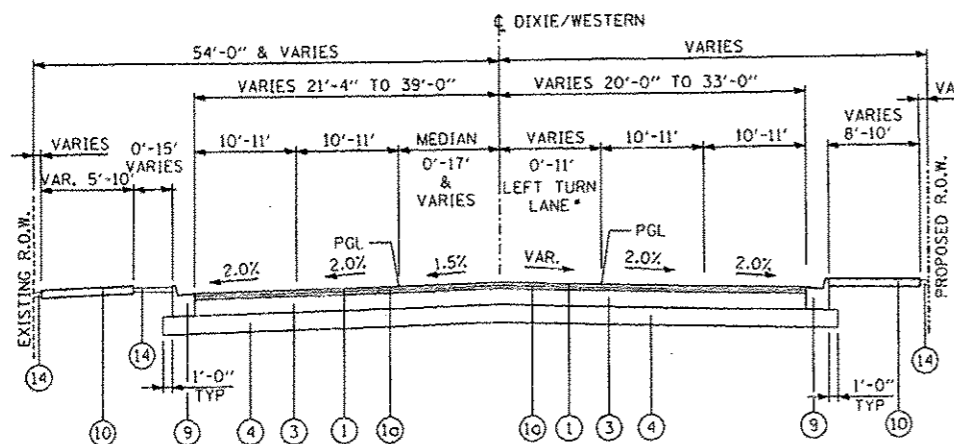
• STA. 1077+83.68 TO STA. 1079+19.56



**DIXIE HIGHWAY/WESTERN AVENUE**  
NORTH OF 147TH STREET  
STA. 6012+00.00 TO STA. 6027+50.00



**DIXIE HIGHWAY/WESTERN AVENUE**  
SOUTH OF 147TH STREET  
STA. 6005+67.00 TO STA. 6012+00.00



• STA. 6001+99.97 TO STA. 6004+71.88

**DIXIE HIGHWAY/WESTERN AVENUE**  
SOUTH OF 148TH STREET  
STA. 5998+11.00 TO STA. 6005+67.00

**IDOT HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

ITEM	AIR VOIDS @ Ndes
RECONSTRUCTION - FULL DEPTH PAVEMENT <b>ILLINOIS ROUTE 83 (147TH STREET)</b>	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, *2"	3.5% @ 80 Gyr
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, *2"	3.5% @ 80 Gyr
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 6 1/2" (PAID FOR AS HMA BASE COURSE, 5 1/2")	4% @ 90 Gyr
<b>DIXIE HIGHWAY/WESTERN AVENUE</b>	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, *2"	3.5% @ 80 Gyr
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, *2"	3.5% @ 80 Gyr
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 8 1/4" (PAID FOR AS HMA BASE COURSE, 8 1/4")	4% @ 90 Gyr

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LB/50 YD<sup>3</sup> IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXTURES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

• QCP IS FOR SMA ONLY (SMA SFC. & SMA BINDER).

MINIMUM LIFT FOR HOT-MIX ASPHALT BINDER COURSE, IL-19.0 IS 2 1/4".

**IDOT HOT-MIX ASPHALT MIXTURE REQUIREMENTS (CONT.)**

ITEM	AIR VOIDS @ Ndes
HOT-MIX ASPHALT SHOULDERS, IL-19.0, 6" (GUARDRAIL STABILIZATION)	4% @ 70 Gyr
CLASS "D" PATCHES	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5mm), 2"	4% @ 90 Gyr
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 12"	4% @ 90 Gyr
TEMPORARY PAVEMENT	
7.5" PORTLAND CEMENT CONCRETE PAVEMENT OR HMA PAVEMENT 8" <b>1</b>	
HMA SURFACE MIX D N70, 2"	4% @ 70 Gyr
HMA BINDER COURSE 50 IL-19.0, N50, 6"	4% @ 50 Gyr

**NOTE:**

1. THE MAXIMUM CROSS SLOPE FOR SIDEWALKS IS 2% PER THE BUREAU OF DESIGN & ENVIRONMENT MANUAL SECTION 58-1.06.

**LEGEND (HMA ALTERNATE)**

- 1** PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"
- 10** PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"
- 2** PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 6 1/2"
- 3** PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 8 1/4"
- 4** PROPOSED AGGREGATE SUBGRADE IMPROVEMENT 12"
- 5** PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)
- 6** PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90
- 7** PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90
- 8** PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- 9** PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- 10** PROPOSED CONCRETE CEMENT SIDEWALK, 5"
- 11** PROPOSED MEDIAN (SEE PLANS)
- 12** PROPOSED STABILIZED SUBBASE- HOT-MIX ASPHALT, 4 1/2"
- 13** PROPOSED SHOULDER RUMBLE STRIPS, 16"
- 14** TOPSOIL (SEE PLANS)

<b>TYLIN INTERNATIONAL</b>	USER NAME :	DESIGNED - DM	REVISED -
	PLOT SCALE :	DRAWN - DM	REVISED -
	PLOT DATE :	CHECKED - JPM	REVISED <b>1</b> - ADDENDUM 1 9/06/2012
		DATE - 5/23/2012	REVISED - 8/11/2012

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT**  
**PROPOSED TYPICAL SECTIONS (HMA ALTERNATE)**

SCALE: NTS SHEET NO. 2H OF 4 SHEETS STA. TO STA.

F.A.I. RITE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	32
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60M57	