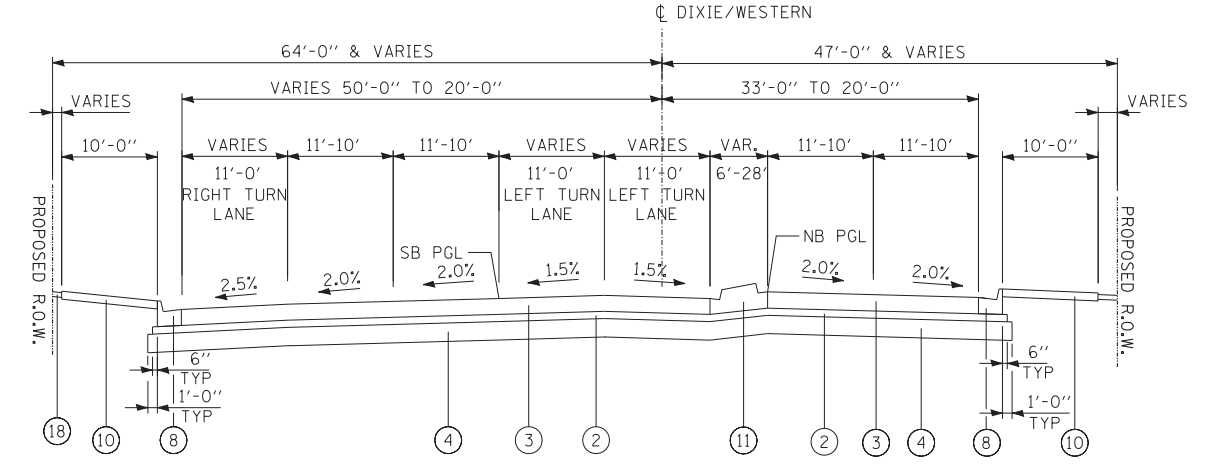
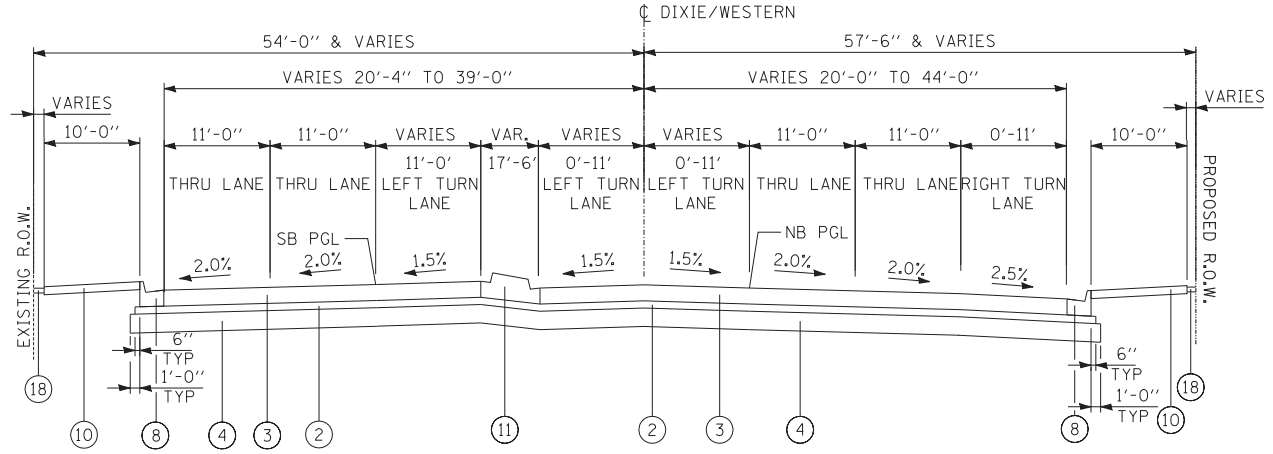


147TH STREET
DIXIE/WESTERN TO PROJECT LIMIT
STA. 1075+80.22 TO STA. 1079+99.63

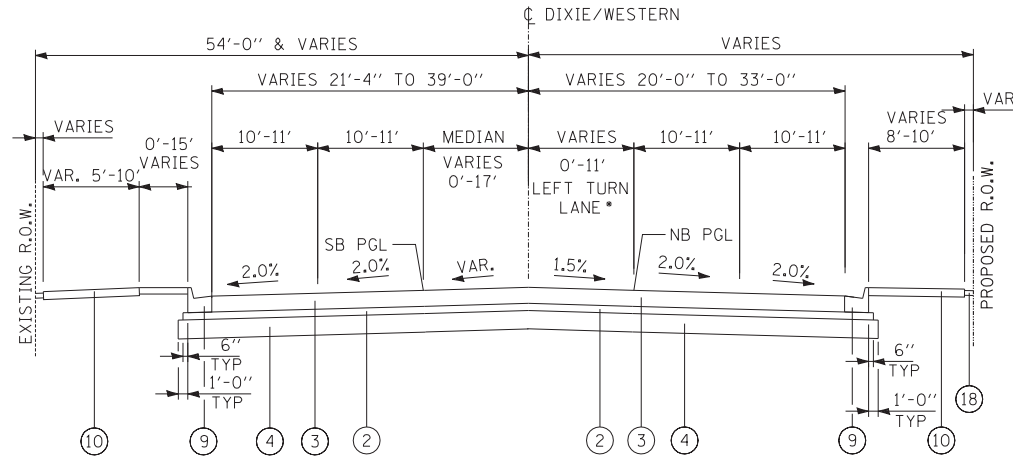
• STA. 1077+83.68 TO STA. 1079+19.56



WESTERN AVENUE
NORTH OF 147th STREET
STA. 6012+00.00 TO STA. 6027+50.00±



DIXIE HIGHWAY
SOUTH OF 147th STREET
STA. 6005+67.00 TO STA. 6012+00.00



DIXIE HIGHWAY
SOUTH OF 148TH STREET
STA. 5998+11.00 TO STA. 6005+67.00

• STA. 6001+99.97 TO STA. 6004+71.88

LEGEND (PCC ALTERNATE)

- ① PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)
- ② PROPOSED STABILIZED SUBBASE- HOT-MIX ASPHALT, 4 1/2"
- ③ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
- 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 PORTLAND CEMENT CONCRETE SHOULDERS, 11"
- ⑬ SUBBASE GRANULAR MATERIAL, TYPE C
- ⑭ AGGREGATE SHOULDERS, TYPE B
- ⑮ STEEL PLATE BEAM GUARDRAIL (SEE PROPOSED PLANS FOR LIMITS)
- ⑯ PROPOSED SHOULDER RUMBLE STRIPS, 16"
- ⑰ EXISTING PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- ⑱ TOPSOIL (SEE LANDSCAPING PLANS)

NOTES:

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

IDOT HOT-MIX ASPHALT MIXTURE REQUIREMENTS

ITEM	AIR VOIDS @ Ndes
RECONSTRUCTION - FULL DEPTH PAVEMENT IL RTE 83 (147TH ST), KEDZIE AVE & DIXIE HWY/WESTERN AVE	
STABILIZED SUB-BASE HOT-MIX ASPHALT, IL-19.0, 4 1/2"	3%±50 Gyr
HOT-MIX ASPHALT SHOULDER (GUARDRAIL STABILIZATION) HOT-MIX ASPHALT BINDER, IL 19.0, 6"	4%±50 Gyr
CLASS "D" PATCHES HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5mm), 2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 12"	4%±90 Gyr 4%±90 Gyr
TEMPORARY PAVEMENT 7.5" PORTLAND CEMENT CONCRETE PAVEMENT OR HMA PAVEMENT (FULL DEPTH) 8" HMA SURFACE MIX D N70 2" HMA BINDER COURSE 50 IL-19.0, N50, 6"	4%±50 Gyr 4%±50 Gyr

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LB/SQ YD/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.

OCP IS FOR SMA ONLY (SMA SFC. & SMA BINDER).

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

TYLIN INTERNATIONAL

USER NAME =	DESIGNED - DM	REVISED -
DRAWN - DM	REVISIONS -	
PLOT SCALE =	CHECKED - JPM	REVISED -
PLOT DATE =	DATE - 5/23/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

147TH STREET PROJECT
PROPOSED TYPICAL SECTIONS (PCC ALTERNATE)

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	30
FED. ROAD DIST. NO.			CONTRACT NO. 60M57	
ILLINOIS			FED. AID PROJECT	