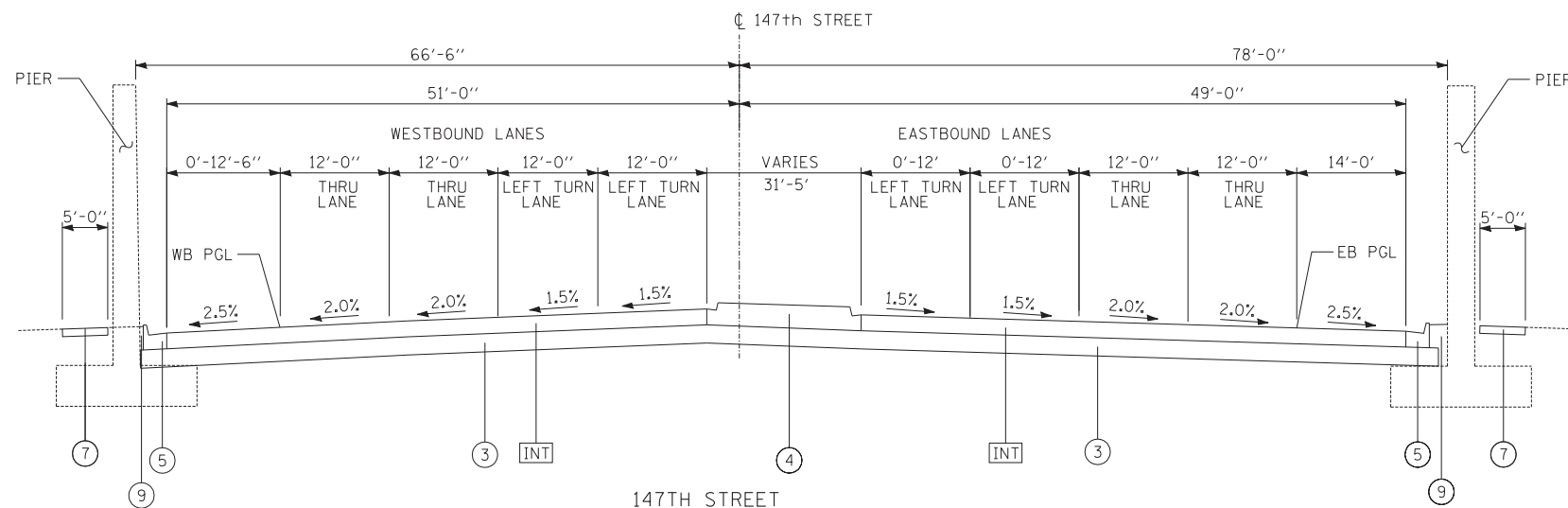


- FROM STA. 1020+06.97 TO STA. 1020+60.00, 6' WIDE.
 - FROM STA. 1020+60.00 TO STA. 1022+90.00, 6'-7" WIDE.
 - FROM STA. 1022+90.00 TO STA. 1027+00.00, 8'-8" WIDE.
- SEE PLANS FOR EXACT LOCATION AND LIMITS OF PAVEMENT REPLACEMENT.
- CLASS "D" PAVEMENT PATCHES, THICKNESS 14".
- ABUTMENT AND PROPOSED TEMPORARY SIDEWALK TO BE CONSTRUCTED BY ISTHA (TOLLWAY) CONTRACT 1-12-4035.

147TH STREET
UNDER I-294 BRIDGE
STA. 1019+55.11 TO STA. 1030+25.10



147TH STREET
AT I-57 BRIDGE
STA. 1056+13± TO STA. 1062+59±

IDOT HOT-MIX ASPHALT MIXTURE REQUIREMENTS

ITEM	AIR VOIDS @ Ndes
RECONSTRUCTION - FULL DEPTH PAVEMENT	
<u>ILLINOIS ROUTE 83 (147TH STREET)</u> <u>INTERIM PAVEMENT (ARTERIAL)</u>	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"	4%@90 Gyr
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 2 1/4"	4%@90 Gyr
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 5 3/4"	4%@90 Gyr

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

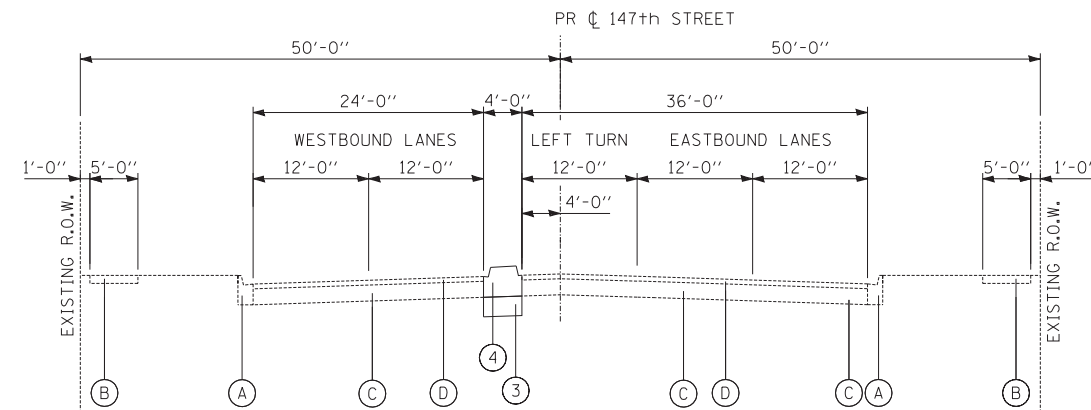
THE "AC TYPE" FOR POLYMERIZED HMA MIXTURES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS. OCP IS FOR SMA ONLY (SMA SFC. & SMA BINDER).

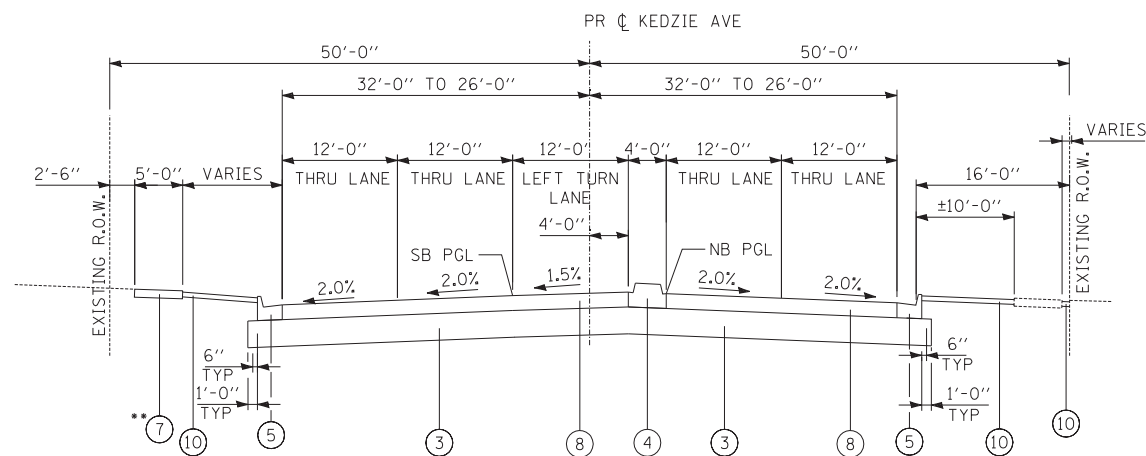
MINIMUM LIFT FOR HOT-MIX ASPHALT BINDER COURSE, IL-19.0 IS 2 1/4".

147TH STREET (IL-83) INTERIM PAVEMENT (ARTERIAL) ALTERNATES

HOT-MIX ASPHALT PAVEMENT ALTERNATE	PCC PAVEMENT ALTERNATE
PAID FOR AS HMA PAVEMENT (FULL DEPTH) 10"	- 8 3/4" PORTLAND CEMENT CONCRETE (JOINTED)
- 2" HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	- 4 1/2" STABILIZED SUBBASE - HOT-MIX ASPHALT
- 2 1/4" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	- AGGREGATE SUBGRADE IMPROVEMENT 12"
- 5 3/4" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	
- AGGREGATE SUBGRADE IMPROVEMENT 12"	



147TH STREET
PROJECT LIMIT TO KEDZIE AVE
STA. 1004+21.14 TO STA. 1005+73.65



KEDZIE AVENUE
147TH STREET TO PROJECT LIMIT
STA. 5013+00.00 TO STA. 5020+75.00

•• SEE PLANS FOR LOCATIONS

LEGEND

- (A) EXISTING CONCRETE CURB AND GUTTER
- (B) EXISTING P.C. CONCRETE SIDEWALK, 5"
- (C) EXISTING P.C. CONCRETE PAVEMENT, 10±
- (D) EXISTING HOT-MIX ASPHALT, VARIES 3" TO 6"±
- (E) EXISTING BITUMINOUS BASE COURSE, 11"±
- (1) PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"
- (2) PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 12"
- (3) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (4) PROPOSED MEDIAN (SEE PLANS)
- (5) PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (6) PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (7) PROPOSED P.C. CONCRETE SIDEWALK, 5"
- (8) PROPOSED P.C. CONCRETE PAVEMENT 10" (JOINTED)
- (9) TOPSOIL (SEE LANDSCAPING PLANS)
- (INT) SEE TABLE AND MIX CHART ON LEFT
- (PGES) SEE NOTE 2 ON TYPICAL SECTION SHEET 4 OF 4

NOTE:

- THE MAXIMUM CROSS SLOPE FOR SIDEWALKS IS 2% PER THE BUREAU OF DESIGN & ENVIRONMENT MANUAL SECTION 58-1.06.
- POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 AND THE IDOT STABILITY MANUAL. IF UNSUITABLE AND/OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

TYLIN INTERNATIONAL

USER NAME =	DESIGNED - DM	REVISED -
DRAWN - DM	REVISED -	
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 & HMA ALTERNATES)

SCALE: NTS SHEET NO. 4 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	34
CONTRACT NO. 60M57				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		