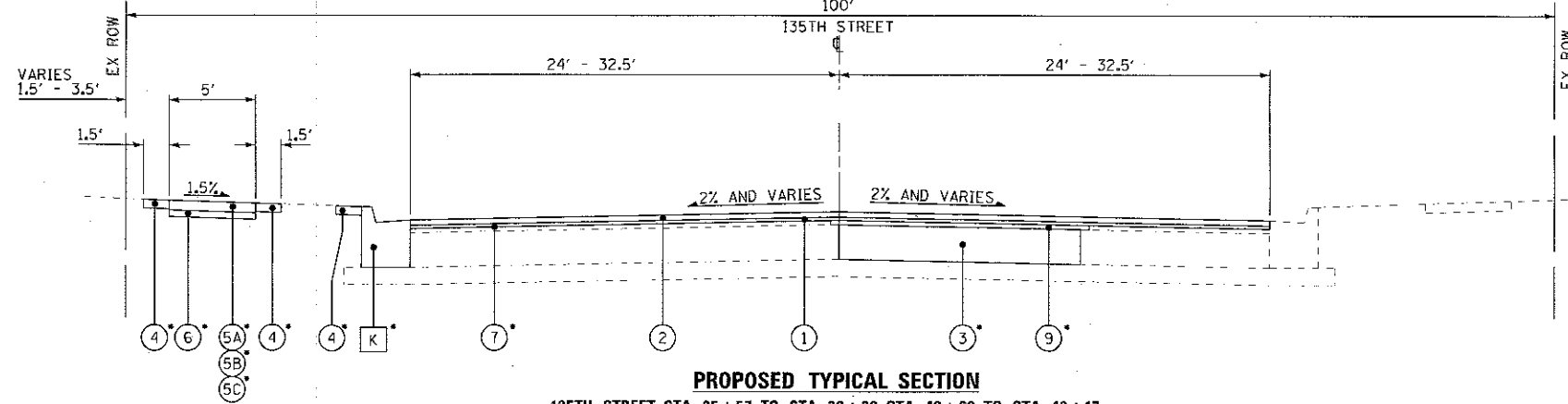


EXISTING TYPICAL SECTION
 135TH STREET, STA 25+57 TO STA 30+30, STA 43+60 TO STA 49+17,
 STA 50+83 TO STA 76+40, STA 90+39 TO STA 102+44, STA 104+14 TO STA 104+54



PROPOSED TYPICAL SECTION
 135TH STREET, STA 25+57 TO STA 30+30, STA 43+60 TO STA 49+17,
 STA 50+83 TO STA 76+40, STA 90+39 TO STA 102+44, STA 104+14 TO STA 104+54

* AS DETERMINED BY THE ENGINEER

EXISTING LEGEND

- (A) EXISTING HOT-MIX ASPHALT PAVEMENT
- (B) EXISTING PCC PAVEMENT
- (C) EXISTING SUB-BASE GRANULAR MATERIAL
- (D) EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (E) NOT USED
- (F) EXISTING SIDEWALK
- (G) EXISTING GROUND SURFACE
- (H) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- (J) SIDEWALK REMOVAL
- (K) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
- (L) NON-SPECIAL WASTE DISPOSAL
- (M) HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- (N) PCC SURFACE REMOVAL - BUTT JOINT
- (O) NOT USED
- (P) HOT-MIX ASPHALT REMOVAL OVER PATCHES
- (Q) PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH)
- [Hatched Box] ITEM TO BE REMOVED

PROPOSED LEGEND

- (1) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 - 3/4"
- (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", M70 - 1 1/2"
- (3) CLASS D PATCHES - 8"
- (4) TOPSOIL FURNISH AND PLACE SODDING, SALT TOLERANT FERTILIZER
- (5A) PCC SIDEWALK, 5"
- (5B) PCC SIDEWALK, 6" (THROUGH RESIDENTIAL DRIVEWAYS)
- (5C) PCC SIDEWALK, 8" (THROUGH COMMERCIAL DRIVEWAYS)
- (6) AGGREGATE BASE COURSE, TYPE B 4"
- (7) MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS
- (8) CLASS B PATCHES - 10"
- (9) HOT-MIX ASPHALT REPLACEMENT OVER PATCHES

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70; (IL 9.5mm), 1 1/2"	4% @ 50 Gyr.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), N50; 3/4"	3.5% @ 50 Gyr.
DRIVEWAY PAVEMENT, 8"	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50; (IL 9.5mm), 2"	4% @ 50 Gyr.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0) 6"	4% @ 50 Gyr.
DRIVEWAY PAVEMENT, 10"	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50; (IL 9.5mm), 2"	4% @ 50 Gyr.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0) 8"	4% @ 50 Gyr.
PAVEMENT PATCHING	
CLASS D PATCHING (HMA BINDER IL-19mm)	4% @ 70 Gyr.

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ
 THE "AC TYPE" FOR POLYMERIZED HMA MIXES 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 USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. 134-001211 - EXPIRES 4/30/2017
 BAXTER WOODMAN
 5/2/2016



DESIGNED - LJJ	REVISED - 5-21-2018
DRAWN - KAR	REVISED -
CHECKED - TMS	REVISED -
DATE - 11-10-17	FILE - 130771SHT_PH2-TypSec.dgn

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS AND HOT-MIX ASPHALT MIXTURE REQUIREMENTS

SCALE: NONE

STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1596	14-00031-00-R5	COOK	45	7
39WN(177)		CONTRACT NO. 61E46		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		