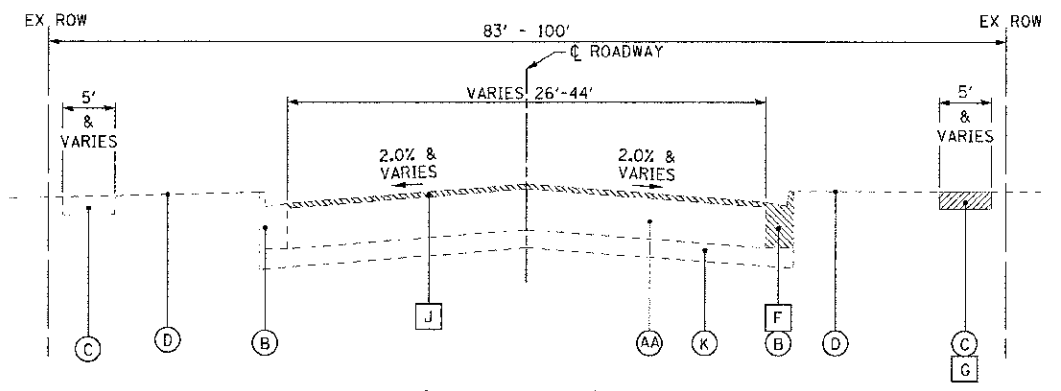
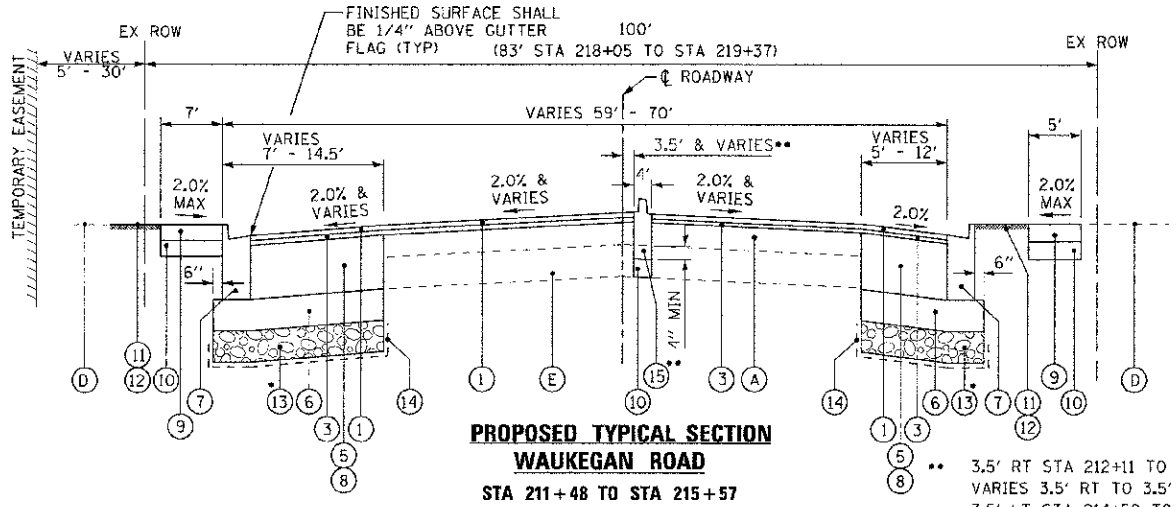


**EXISTING TYPICAL SECTION
WAUKEGAN ROAD**
STA 211+48 TO STA 215+57

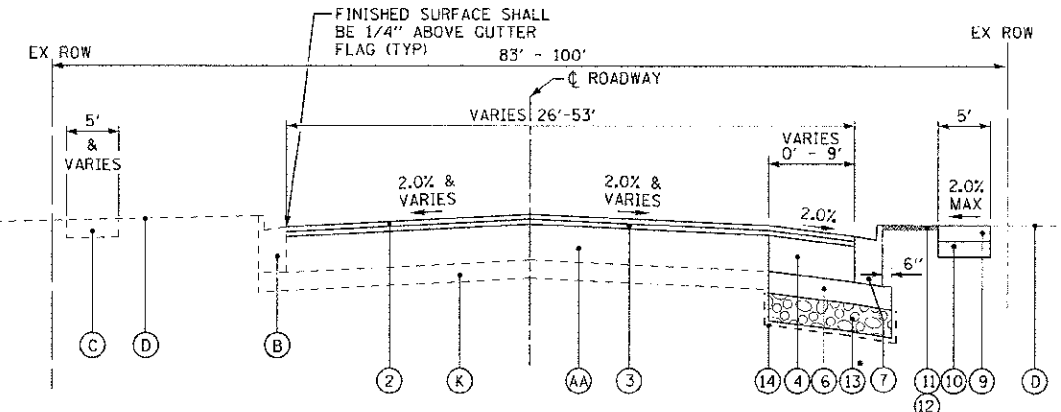


**EXISTING TYPICAL SECTION
CHESTNUT AVENUE**
STA 299+13 TO STA 302+43
STA 303+81 TO STA 306+00



**PROPOSED TYPICAL SECTION
WAUKEGAN ROAD**
STA 211+48 TO STA 215+57

• SEE SHEET 12



**PROPOSED TYPICAL SECTION
CHESTNUT AVENUE**
STA 299+13 TO STA 302+43
STA 303+81 TO STA 306+00

EXISTING LEGEND

- (A) EXISTING HOT-MIX ASPHALT BINDER & SURFACE COURSES, - 7"±
- (AA) EXISTING HOT-MIX ASPHALT BASE, BINDER & SURFACE COURSES, - 10"±
- (B) EXISTING CURB AND GUTTER
- (C) EXISTING CONCRETE SIDEWALK
- (D) GROUND SURFACE (12" AVG. TOPSOIL DEPTH)
- (E) EXISTING CONCRETE BASE COURSE - 7 1/2"±
- (F) COMBINATION CURB AND CUTTER REMOVAL
- (G) SIDEWALK REMOVAL (WHERE SHOWN ON PLANS OR AS DETERMINED BY THE ENGINEER)
- (H) HOT-MIX ASPHALT SURFACE REMOVAL - 2 1/2"
- (I) PAVEMENT REMOVAL
- (J) HOT-MIX ASPHALT SURFACE REMOVAL - 2 1/4"
- (K) EXISTING AGGREGATE SUBBASE - 4"±
- ▨ ITEM TO BE REMOVED

PROPOSED LEGEND

- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 - 1 3/4"
- (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 - 1 1/2"
- (3) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 - 3/4"
- (4) HOT-MIX ASPHALT BASE COURSE, 7"
- (5) HOT-MIX ASPHALT BASE COURSE, 7 1/4" (FOR WIDENING AREAS MORE THAN 2' WIDE)
- (6) AGGREGATE SUBGRADE IMPROVEMENT - 12"
- (7) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6,24
- (8) PORTLAND CEMENT CONCRETE BASE COURSE, 7 1/4" (FOR WIDENING AREAS LESS THAN 2' WIDE)
- (9) PCC SIDEWALK - 5" OR 8" (WHERE SHOWN ON PLANS OR AS DETERMINED BY THE ENGINEER)
- (10) AGGREGATE BASE COURSE, TYPE B - 4"
- (11) TOPSOIL FURNISH AND PLACE - 4"
- (12) SODDING, SALT TOLERANT
- (13) AGGREGATE SUBGRADE IMPROVEMENT (AS DETERMINED BY THE ENGINEER)
- (14) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (IN UNDERCUT AREAS)
- (15) CONCRETE MEDIAN, TYPE SB 6.12 (11" GUTTER DEPTH OR BOTTOM MIN 4" BELOW TOP OF EX PCC BASE COURSE)
- (16) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 1/2"
- (17) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (18) CONCRETE CURB, TYPE B
- (19) HOT-MIX ASPHALT BASE COURSE - 5"

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

THE CONTRACTOR SHALL MILL BEFORE PATCHING

MIXTURE TYPE	AIR VOIDS @Ndes
PAVEMENT RESURFACING - WAUKEGAN ROAD	
POLYMERIZED HMA SURFACE COURSE, MIX "F", N90 (IL 9.5 mm)	4% @ 90 Gyr.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	3.5% @ 50 Gyr.
PAVEMENT RESURFACING - CHESTNUT AVENUE	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm)	4% @ 70 Gyr.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	3.5% @ 50 Gyr.
PAVEMENT RESURFACING - JEFFERSON AVENUE AND GLENWOOD AVENUE	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm)	4% @ 50 Gyr.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	3.5% @ 50 Gyr.
PAVEMENT WIDENING - WAUKEGAN ROAD	
POLYMERIZED HMA SURFACE COURSE, MIX "F", N90 (IL 9.5 mm)	4% @ 90 Gyr.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	3.5% @ 50 Gyr.
HMA BASE COURSE (HMA BINDER IL-19 mm, N70); 7-1/4" (2 LIFTS)	4% @ 90 Gyr.
PAVEMENT WIDENING - CHESTNUT AVENUE	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm)	4% @ 70 Gyr.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	3.5% @ 50 Gyr.
HMA BASE COURSE (HMA BINDER IL-19 mm, N70); 7" (2 LIFTS)	4% @ 70 Gyr.
PAVEMENT WIDENING - JEFFERSON AVENUE	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm)	4% @ 50 Gyr.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	3.5% @ 50 Gyr.
HMA BASE COURSE (HMA BINDER IL-19 mm, N50); 5" (2 LIFTS)	4% @ 50 Gyr.
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 2"	4% @ 50 Gyr.
HMA BASE COURSE (HMA BINDER IL-19 mm, N50); CE-8" (2 LIFTS)	4% @ 50 Gyr.
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 Gyr.
TEMPORARY PAVEMENT	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm) ³	4% @ 50 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0mm, N50 ³	4% @ 50 Gyr.

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LB/50 YD/IN
2. 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 "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.
3. TEMPORARY PAVEMENT SHALL CONSIST OF 2" OF HMA SURFACE OVER 2 LIFTS OF 6" OF HMA BINDER ON WAUKEGAN ROAD AND 2" OF HMA SURFACE OVER 2 1/2" OF HMA BINDER ON ALL OTHER STREETS.
4. THE EAST LEG WILL BE CONSTRUCTED IN ACCORDANCE WITH IDOT DISTRICT 1 DETAIL BD-01.

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 PROJECT NO. 110025-12-TYP.dwg DATE: 8/23/12



DESIGNED - DSH	REVISED - 10-12-12 PER IDOT
DRAWN - MAC	REVISED -
CHECKED - TLH	REVISED -
DATE - 8/23/12	FILE - 110025-12-TYP.dwg

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS AND
HOT-MIX ASPHALT MIXTURE REQUIREMENTS**
SCALE: NONE STA. TO STA.

F.A.P./F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1352	05-00160-0C-CH	COOK	109	13
C-91-070-06		CONTRACT NO. 63756		
FED. ROAD DIST. NO. 1 (ILLINOIS)		FED. AID PROJECT F-0348(05)		