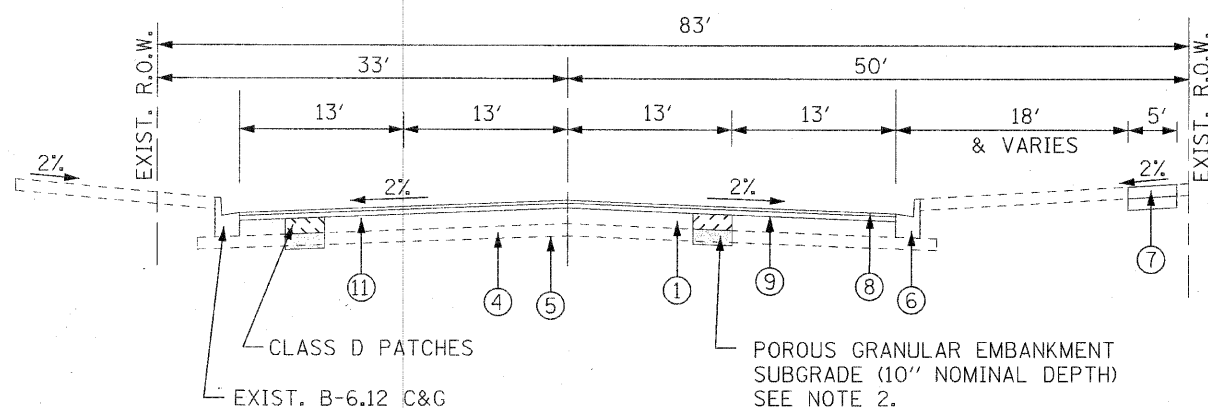


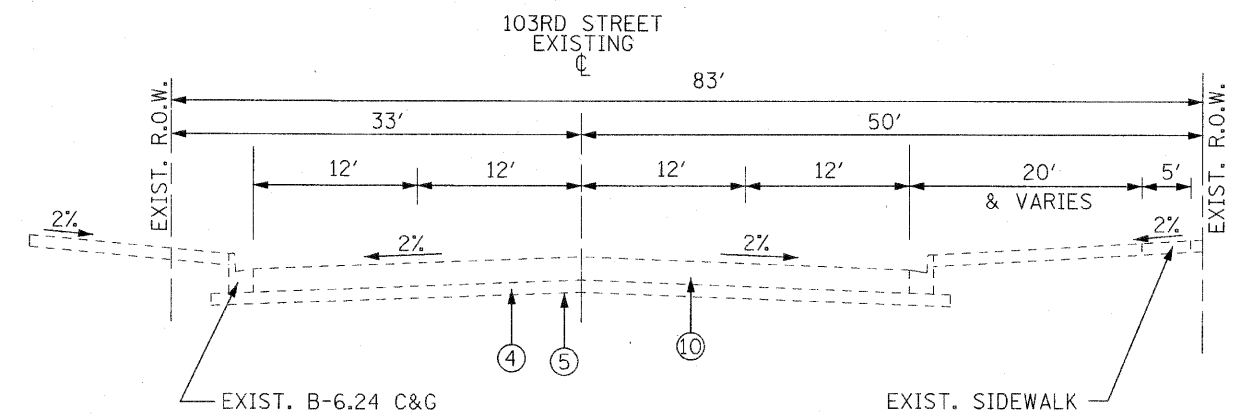
**EXISTING TYPICAL SECTION**  
103RD STREET  
(AUSTIN AVENUE TO MAJOR AVENUE)  
STA. 9+42.00 TO STA. 31+35



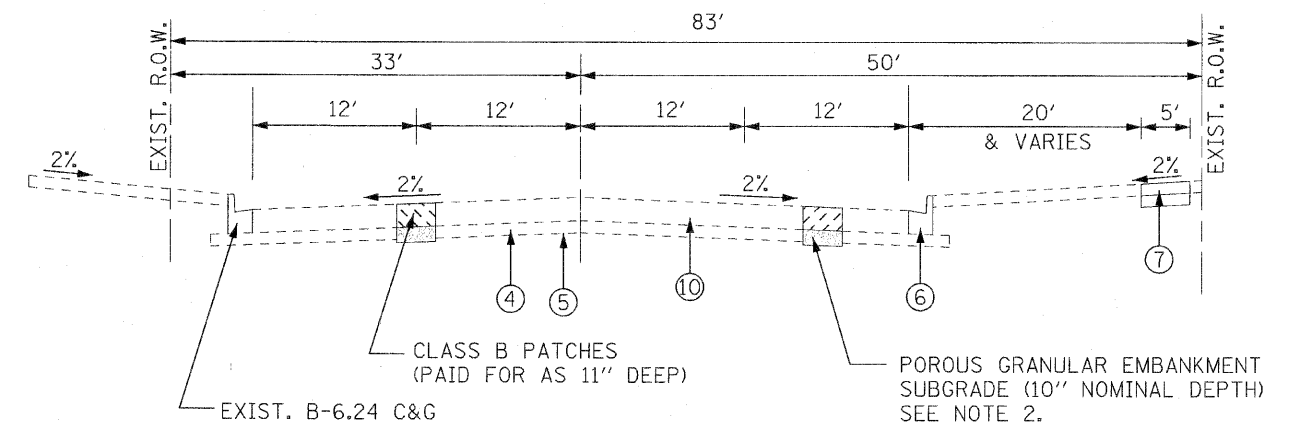
**PROPOSED TYPICAL SECTION**  
103RD STREET  
(AUSTIN AVENUE TO MAJOR AVENUE)  
STA. 9+42.00 TO STA. 31+35

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

MIXTURE TYPE	AIR VOIDS @ Ndes
RESURFACING HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (1 1/2")	4% @ 50 Gyr.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), N50 (1"), (IL-4.75)	4% @ 50 Gyr.
PATCHING CLASS D PATCHES (HMA BINDER IL-19 mm), 8"	4% @ 70 Gyr.
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HMA BINDER IL-19mm), 2 1/2"	4% @ 70 Gyr.
DRIVEWAYS HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5 mm); 2"	4% @ 50 Gyr.
HOT-MIX BASE COURSE (HMA BINDER IL-19 mm), 6"-PE	4% @ 50 Gyr.



**EXISTING TYPICAL SECTION**  
103RD STREET  
(MAJOR AVENUE TO CENTRAL AVENUE)  
STA. 31+35 TO STA. 36+51.40



**PROPOSED TYPICAL SECTION**  
103RD STREET  
(MAJOR AVENUE TO CENTRAL AVENUE)  
STA. 31+35 TO STA. 36+51.40

**LEGEND**

- ① EXISTING HMA BASE COURSE (6-1/4" to 8-1/2" +/-)
- ② HMA SURFACE REMOVAL, 2-1/2"
- ③ EXISTING HMA SURFACE COURSE (1" to 2" +/-)
- ④ EXISTING SUBBASE GRAN. MAT'L, CA-6 (4" to 12" +/-)
- ⑤ EXISTING GEOTEXILE FABRIC
- ⑥ CONCRETE CURB & GUTTER, REMOVE AND REPLACE AS DIRECTED BY ENGINEER
- ⑦ PCC SIDEWALK 5", WITH AGG. BASE CSE., TYPE B 2", REMOVE AND REPLACE AS DIRECTED BY ENGINEER (BOTH LT. & RT.)
- ⑧ HOT-MIX ASPHALT SURFACE COURSE, MIX "D N50, 1 1/2"
- ⑨ POLYMERIZED LEVELING BINDER (MACHINE METHOD), N50, 1", (IL 4.75 MM)
- ⑩ EXISTING 10-1/2" PCC PAVEMENT
- ⑪ BITUMINOUS MATERIALS (PRIME COAT)

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" 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.

NOTE 1: CONTRACTOR SHALL PATCH BEFORE MILLING. SEE PATCHING DETAIL BD400-04 (BD-22) FOR INCLUDED ITEMS TO PATCHING COST AND FOR ADDITIONAL PATCHING DETAILS.

NOTE 2: AT LOCATIONS OF UNSUITABLE MATERIAL, AS DETERMINED BY THE ENGINEER, THE SUBGRADE TREATMENT SHALL CONSIST OF EXCAVATION OF UNSUITABLE MATERIAL TO A DEPTH OF 10 INCHES BELOW EXISTING PAVEMENT BASE AND PLACING POROUS GRANULAR EMBANKMENT, SUBGRADE.



DESIGNED KB YOO  
DRAWN IS YOO  
CHECKED DL  
DATE 6/4/2010

REVISED  
REVISED  
REVISED  
REVISED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

F.A.U. RTE. 1574	SECTION 10-00175-00-RS	COUNTY COOK	TOTAL SHEETS NO. 20	SHEET NO. 4
CONTRACT NO. 63497				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				