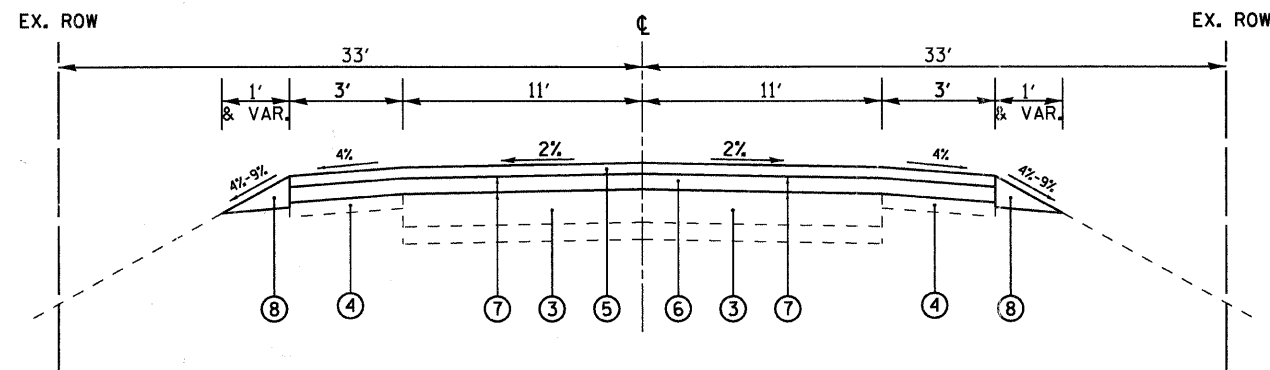


**EXISTING TYPICAL SECTION
BURLINGTON ROAD**



**PROPOSED TYPICAL SECTION
BURLINGTON ROAD**

LEGEND

- ① HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL, 3 3/4"
- ② EXISTING AGGREGATE SHOULDERS
- ③ EXISTING HOT-MIX ASPHALT BASE COURSE
- ④ EXISTING HOT-MIX ASPHALT SHOULDERS
- ⑤ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50, 1 1/2"
- ⑥ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2 1/4"
- ⑦ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) AND AGGREGATE (PRIME COAT)
- ⑧ PROPOSED AGGREGATE SHOULDERS, TYPE B, (SPECIAL)
- ⑨ PROPOSED LEVELING BINDER (MACHINE METHOD), N50 (AS NECESSARY FOR SLOPE CORRECTION)



PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL, 3 3/4"

NOTE:
CONTRACTOR SHALL MILL BEFORE PATCHING.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes
PAVEMENT RESURFACING:	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), 1 1/2"	4% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2 1/4"	4% @ 50 GYR.
SLOPE CORRECTION:	
LEVELING BINDER (MACHINE METHOD), N50 (IL 9.5 mm)	4% @ 50 GYR.
PATCHING:	
CLASS D PATCHES (HMA BINDER IL-19mm), 6" (IN 2" LIFTS)	4% @ 70 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/50 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.

FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED - 5-6-2011	MCHENRY COUNTY DIVISION OF TRANSPORTATION BURLINGTON ROAD IMPROVEMENT	TYPICAL SECTIONS				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
#FILEL*		DRAWN -	REVISED - 5/24/2011(PER IDOT)		SCALE: NTS	SHEET NO.	OF	SHEETS	STA.	TO STA.	4061	09-00371-00-RS	MCHENRY	12	4
		CHECKED -	REVISED -		CONTRACT NO. 63386										
		DATE - 12-4-2009	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT										