



LEGEND

- ① EXISTING AGGREGATE SUBGRADE
- ② EXISTING P.C.C. PAVEMENT 8"
- ③ PROPOSED, HOT-MIX ASPHALT SURFACE REMOVAL 2 1/2"
- ④ EXISTING REMAINING HMA AFTER MILLING (1 1/2" AT THE NORTH LEG OF BURNHAM AVE., 6 1/2" AT THE WEST LEG AND 3 1/2" AT THE EAST LEG OF RIVER OAKS DRIVE)
- ⑤ EXISTING CURB & GUTTER TYPE B-6.24 (MODIFIED)
- ⑥ EXISTING SIDEWALK 5"
- ⑦ EXISTING CONCRETE MEDIAN, TYPE C-4
- ⑧ EXISTING CORRUGATED MEDIAN
- ⑨ PROPOSED POLYMERIZED LEVELING BINDER, (MM) IL-4.75, 3/4"
- ⑩ PROPOSED HMA SURFACE COURSE, MIX D, N70, 1 3/4"
- ⑪ PROPOSED STRIPED MEDIAN
- ⑫ PROPOSED MEDIAN REMOVAL PARTIAL DEPTH

HMA MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ NDES
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% @ 70 GYR
CLASS D PATCHES, (HMA BINDER IL-19 mm)	4% @ 70 GYR
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HOT-MIX ASPHALT BINDER IL-19 mm)	4% @ 70 GYR

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

"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 DISTRICT ONE SPECIAL PROVISIONS."

NOTE:
 CONTRACTOR SHALL PATCH FIRST BEFORE MILLING, ON BURNHAM AVE. AND SHALL MILL BEFORE PATCHING, ON RIVER OAKS DRIVE.

FILE NAME =	USER NAME = hamdanah	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BURNHAM AVE AT RIVER OAKS DRIVE TYPICAL SECTIONS	F.A.U. RTÉ.	SECTION 47-12	COUNTY	TOTAL SHEETS	SHEET NO.	
ca:\pwwork\pwwork\hamdanah\d0286304\p11712-sht-typical.dgn	PLOT SCALE = 120.0000' / 1"	DRAWN -	REVISED -			2943	3162A-N-1	COOK	42	8	
PLOT DATE = 10/23/2012	DATE -	CHECKED -	REVISED -			CONTRACT NO. 60T47					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					