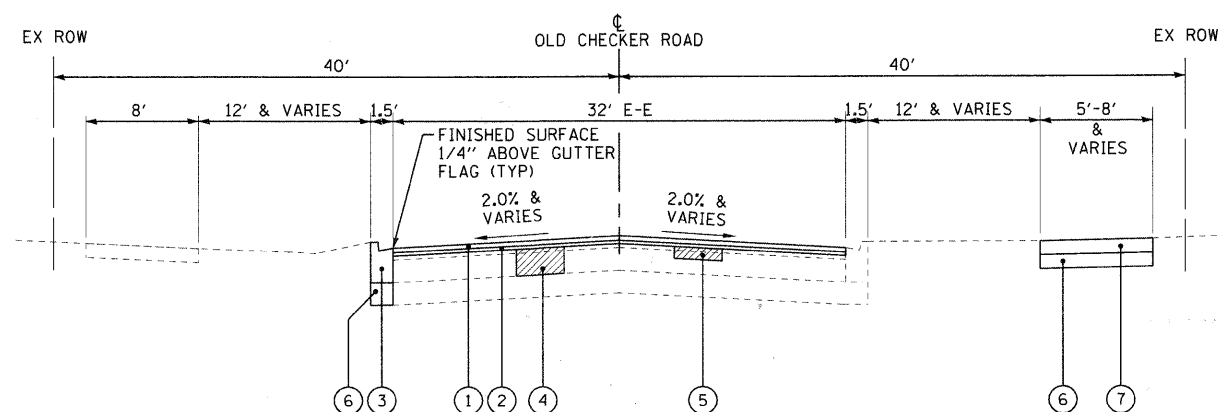


**EXISTING TYPICAL SECTION  
OLD CHECKER ROAD  
STA. 10+16 TO STA. 51+89**



**PROPOSED TYPICAL SECTION  
OLD CHECKER ROAD  
STA. 17+75 TO STA. 50+86**

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS NOTES:**

1. CONTRACTOR SHALL MILL BEFORE PATCHING.

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

MIXTURE TYPE	AIR VOIDS @ Ndes
<b>RESURFACING</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5mm)	4% @ 50 GYR.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75mm, N50	4% @ 50 GYR.
<b>PATCHING</b>	
CLASS D PATCHES (HMA BINDER IL-19 mm) - 7-INCH & 3-INCH (SPECIAL)	4% @ 70 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES 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 THE DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

**EXISTING LEGEND**

- (A) HCT-MIX ASPHALT SURFACE AND BINDER COURSE, 3"
- (B) HOT-MIX ASPHALT BASE COURSE, 6"
- (C) AGGREGATE SUB-BASE, 6"
- (D) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (E) SIDEWALK
- (F) GROUND SURFACE
- (J) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- [Hatched Box] ITEM TO BE REMOVED

**PROPOSED LEGEND**

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2"
- (2) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 - 3/4"
- (3) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (AS SHOWN ON PLANS OR AS DETERMINED BY THE ENGINEER)
- (4) CLASS D PATCHES, TYPE II-IV, 7" (AS DETERMINED BY THE ENGINEER)
- (5) CLASS D PATCHES, 3" (SPECIAL) (AS DETERMINED BY THE ENGINEER)
- (6) AGGREGATE BASE COURSE, TYPE B - 4" (AS REQUIRED)
- (7) PORTLAND CEMENT CONCRETE SIDEWALK - 5" (SEE NOTE 1)

**LEGEND NOTES:**

1. LOCATIONS OF SIDEWALK REMOVAL AND PCC SIDEWALK - 5" TO BE AS SHOWN ON PLANS OR AS DETERMINED BY THE ENGINEER.

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 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM  
 LICENSE NO. - 184-00121 - EXPIRES 4/30/2011  
 10/15/2009 8:48:00 AM



DESIGNED - DSH	REVISED-10-09-09 PER IDOT REVIEW
DRAWN - KAR	REVISED -
CHECKED - RWL	REVISED -
DATE - 10-09-09	FILE - 090715-tyr_sec.shd

**VILLAGE OF BUFFALO GROVE, ILLINOIS  
OLD CHECKER ROAD ARRA (LAPP)  
RESURFACING**

**TYPICAL SECTIONS AND  
HMA MIXTURE REQUIREMENTS**

SCALE:

STA. 10+00 TO STA. 20+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
126B	09-00098-00-RS	LAKE	21	4
C-91-884-09		CONTRACT NO. 63339		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT ARA-9003(453)	