



**PROPOSED TYPICAL SECTION - CIRCULATING LANE
CEDAR LAKE ROAD / MONAVILLE ROAD ROUNDABOUT**

HOT-MIX ASPHALT MIXTURE REQUIREMENTS			
MIXTURE TYPE	THICKNESS	MIX TYPE	AIR VOIDS @ Ndes
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10" (40701881)			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	2"	IL 9.5 mm	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	8"		4% @ 70 GYR
HOT-MIX ASPHALT SHOULDERS, 6" (48203021)			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	2"	IL 9.5 mm	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	4"		4% @ 70 GYR
DRIVEWAYS (PAID FOR AS TONNAGE OF HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70)			
HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70	2.5"	IL 9.5 mm	4% @ 70 GYR.
PATCHING PAVEMENT, TYPE I, 10 INCH (44200116)			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	2"	IL 9.5 mm	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	8"		4% @ 70 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/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 "PERCENT OF RAP" SEE SPECIAL PROVISIONS.

PROPOSED LEGEND

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| ① HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10" (40701881) | ⑨ PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH (42400100) |
| ② HOT-MIX ASPHALT SHOULDERS, 6" (48203021) | ⑩ AGGREGATE SUBGRADE IMPROVEMENT, 12" (30300112) |
| ③ NOT USED | ⑪ AGGREGATE SUBGRADE IMPROVEMENT (30300001) |
| ④ CONCRETE MEDIAN SURFACE, 4 INCH (60618300)
STAMPED COLORED PORTLAND CEMENT CONCRETE (XX006898) | ⑫ AGGREGATE BASE COURSE, TYPE B 6" (35101800) |
| ⑤ PORTLAND CEMENT CONCRETE PAVEMENT 14" (JOINTED) (42000564)
STAMPED COLORED PORTLAND CEMENT CONCRETE (XX006898) | ⑬ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (21001000) |
| ⑥ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.06 (X6064201) | ⑭ PIPE UNDERDRAINS 4" (MODIFIED) (X6013600) |
| ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800) | ⑮ AGGREGATE SHOULDERS, TYPE B 6" (48101500) |
| ⑧ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (60605000) | ⑯ TOPSOIL FURNISH AND PLACE, 4" (21101615) |
| | ⑰ TOPSOIL FURNISH AND PLACE, 6" (21101625) |
| | ⑱ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS (63000001) |

FILE NAME = L:\AL\GCD\112248\Draw\0400_Sheets\Typ_P.R.2.dgn



USER NAME = Jeff Sedig	DESIGNED - MNB	REVISED -
PLT SCALE = 20.0000' / 1"	DRAWN - MNB	REVISED -
PLT DATE = 11/12/2012	CHECKED - CMC	REVISED -
	DATE - 10/22/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET NO. 3 OF 3 SHEETS	STA.	TO STA.
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**TYPICAL SECTIONS
PROPOSED
CIRCULATING LANE**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0192	06-00153-07-CH	LAKE	120	12
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 63682	