



TYPICAL CROSS SECTIONS
(NOT TO SCALE)

LEGEND

- EXISTING HOT-MIX ASPHALT SURFACE COURSE, 1 3/4" (+)
- EXISTING HOT-MIX ASPHALT BINDER COURSE 1 3/4" (+)
- EXISTING P.C.C. BASE COURSE, 7 3/4" (+)
- EXISTING HOT-MIX ASPHALT BINDER COURSE, 3" (+)
- EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- HOT-MIX ASPHALT SURFACE REMOVAL, 3"
- BITUMINOUS MATERIALS (PRIME COAT) (0.15 GAL./S.Y.)
- HOT MIX ASPHALT SURFACE COURSE, MIX 'D', N70, 2"
- POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N60, 1"
- CLASS D PATCHES, TYPE II, 8" (TO BE DELINEATED IN FIELD BY ENGINEER)
- EXISTING P.C.C. SIDEWALK

NOTE: CONTRACTOR SHALL MILL BEFORE PATCHING

| HOT-MIX ASPHALT MIXTURE REQUIREMENTS | |
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| MIXTURE TYPE | AIR VOIDS (%) |
| PAVEMENT RESURFACING: | |
| HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N70 (IL-9.5mm) | 4% @ 70 GYR. |
| POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N60 | 4% @ 50 GYR. |
| CLASS D PATCHES: | |
| HOT-MIX ASPHALT BINDER IL-19mm | 4% @ 70 GYR. |

NOTES:
THE UNIT WEIGHT USED TO CALCULATE THE SURFACE MIXTURE IS 112 LB./S.Y./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.

ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-002235

