



**PROPOSED TYPICAL SECTION ①**  
 STA 83+49.35 TO 90+71.00, 143RD STREET  
 FROM STA 83+49.35 TO 85+86.17  
 THE  $\text{CL}$  OF CONSTRUCTION TRANSITIONS  
 TO THE  $\text{CL}$  143RD STREET

• WHEN WIDENING IS 2'-6"  
 USE HOT MIX ASPHALT BASE  
 COURSE WIDENING, 11.5".  
 WHEN WIDENING IS LESS THAN 2'  
 USE A 2' SAWCUT. WIDENING  
 SHOULD BE A MINIMUM OF 2' FOR  
 COMPACTION.

**PROPOSED TYPICAL SECTION ②**  
 STA 90+71.00 TO 105+49.90, 143RD STREET

**LEGEND**

- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ② HOT-MIX ASPHALT BASE COURSE, 11.5"
- ③ BITUMINOUS MATERIALS (PRIME COAT)
- ④ LEVELING BINDER (MACHINE METHOD) N70
- ⑤ AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ⑥ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑦ TOP SOIL FURNISH AND PLACE, 4"
- ⑧ STRIP REFLECTIVE CRACK CONTROL TREATMENT

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

| MIXTURE TYPE   | AIR VOIDS @ Ndes |
|--|------------------|
| <b>PAVEMENT RESURFACING</b>                                      |                  |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5mm) 2"      | 4% @ 70 GYR.     |
| LEVELING BINDER (MACHINE METHOD), N70, (IL-9.5mm) 3/4" MINIMUM   | 4% @ 70 GYR.     |
| <b>FULL DEPTH PAVEMENT</b>                                       |                  |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5 mm); 2"    | 4% @ 70 GYR.     |
| HOT-MIX ASPHALT BINDER COURSE, IL-19 mm, N70, 11.5" (3 LIFTS)    | N/A              |
| <b>BASE COURSE WIDENING, PAVEMENT WIDENING</b>                   |                  |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5 mm) 2"     | 4% @ 70 GYR.     |
| LEVELING BINDER (MACHINE METHOD), N70, (IL-9.5 mm) 3/4" MINIMUM  | 4% @ 70 GYR.     |
| HOT-MIX ASPHALT BINDER COURSE, IL-19 mm, N70, 11.5" (3 LIFTS)    | N/A              |
| <b>PATCHING</b>  |                  |
| CLASS D PATCHES (HMA BINDER IL-19 mm) 13" (3 LIFTS)              | 4% @ 70 GYR.     |
| <b>DRIVEWAYS</b>   |                  |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5 mm) 2 1/2" | 4% @ 50 GYR.     |
| <b>TEMPORARY PAVEMENT</b>  |                  |
| HOT-MIX ASPHALT BINDER COURSE, IL-19 mm, N50, 9"                 | 4% @ 50 GYR.     |

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SO YD/IN.  
 2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22". UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. WHEN RAP EXCEEDS 20% THE AC SHALL BE PG 58-22. HOWEVER, WHEN RAP EXCEEDS 20% AND IS USED IN FULL DEPTH HMA PAVEMENT THE AC SHALL BE PG 58-28.  
 3. FOR PERCENT OF RAP SEE SPECIAL PROVISIONS.