



EXISTING PAVEMENT LEGEND

- ① HMA CONCRETE SURFACE COURSE MIX C, 1 1/2"-2"
- ② HMA CONCRETE BINDER COURSE, 2"-2 1/2"
- ③ HMA BASE COURSE, 10"
- ③A HMA BASE COURSE
- ③B PCC BASE COURSE, 10"
- ④ SUB-BASE GRANULAR MATERIAL, TY B, 4"
- ④A RECYCLED BIT. GRINDINGS, 6"
- ⑤ LEVEL BINDER
- ⑥ B-6.12 COMB CONC CURB & GUTTER
- ⑦ B-6.24 COMB CONC CURB & GUTTER
- ⑧ B-9.12 COMB CONC CURB & GUTTER
- ⑨ B-9.24 COMB CONC CURB & GUTTER
- ⑩ CONC MEDIAN
- ⑪ PCC SIDEWALK, 5"
- ⑫ COMMONWEALTH EDISON DUCT (COVER VARIES, 30" MIN.)
- ⑬ FLOWABLE FILL (VARIES)

PROPOSED PAVEMENT LEGEND

- (A) HMA SURFACE REMOVAL (2 1/2") (INCLUDES AREA OVER TRENCH)
- (B) HMA SURFACE COURSE, MIX "D", N70 (1 3/4")
- (B1) HMA SURFACE COURSE, MIX "F", N90 (1 3/4")
- (C) POLYMERIZED LEVEL BINDER (MACHINE METHOD), IL-4.75, N50 (3/4")
- (D) HOT MIX ASPHALT BASE COURSE, 11 1/2"
- (E) AGGREGATE BASE COURSE, SPECIAL (6") (TY B, VIRGIN CA-6 ONLY, NO RE-CYCLED CA - 6)
- (F) BIAXIAL GEOGRID - 6 1/2" WIDE
- (G) PAVEMENT REMOVAL (EXISTING BASE COURSE AND SUB-BASE)
- (H) SUB-BASE GRANULAR MATERIAL (SPECIAL) (TY C (CA-7) CRUSHED STONE, VIRGIN CA-7 ONLY, NO RECYCLED CA-7)
- (I) REFLECTIVE CRACK CONTROL TREATMENT - SPECIAL (18" WIDE) EACH
- (J) EARTH EXCAVATION, SPECIAL (INCLUDES FLOWABLE FILL)
- (K) TRANSVERSE DRAIN (SEE DETAIL SHEET 24)

NOTE:

PAVEMENT BASE COURSE/ SUB-BASE REMOVAL AND RECONSTRUCTION IS LIMITED TO THAT AREA OVER THE EXISTING COMMONWEALTH EDISON DUCT, TYPICALLY IN OUTSIDE, EAST BOUND LANE. HOWEVER, COM ED TRENCH LOCATION IS APPROXIMATE. EXACT LOCATION OF TRENCH IS VARYING AT DIFFERENT LOCATIONS.

**HOT MIX ASPHALT MIXTURE REQUIREMENT
CONTRACTOR SHALL MILL BEFORE PATCHING**

| MIXTURE TYPE | AIR VOIDS @ Ndes |
|---|------------------|
| PAVEMENT RESURFACING (STA. 43+65 TO STA. 65+00) | |
| HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70 IL 9.5mm, 1 3/4" | 4% @ 90 GYR |
| POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" | 4% @ 50 GYR |
| PAVEMENT RESURFACING (STA. 65+00 TO STA. 143+50) | |
| POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90 IL 9.5mm, 1 3/4" | 4% @ 90 GYR |
| POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" | 4% @ 50 GYR |
| PAVEMENT RECONSTRUCTION (STA. 43+65 TO STA. 65+00) | |
| HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70 IL 9.5mm, 1 3/4" | 4% @ 90 GYR |
| POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" | 4% @ 50 GYR |
| HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19, N90), 11 1/2" (IN 4 LIFTS) | 4% @ 90 GYR |
| PAVEMENT RECONSTRUCTION (STA. 65+00 TO STA. 143+50) | |
| POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90 IL 9.5mm, 1 3/4" | 4% @ 90 GYR |
| POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" | 4% @ 50 GYR |
| HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19, N90), 11 1/2" (IN 4 LIFTS) | 4% @ 90 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 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT RAP" SEE DISTRICT ONE SPECIAL PROVISIONS

| | | | |
|---|--------------------|----------------------|-----------|
| FILE NAME = | USER NAME = _USER_ | DESIGNED - J.W | REVISED - |
| N:\dgn\BB\BB04BoughtonRdResurfacing\shets\BB04TypSections.dgn | | DRAWN - C.R | REVISED - |
| PLOT SCALE = 10.00 Ft / IN. | | CHECKED - E.J / D.R. | REVISED - |
| PLOT DATE = 7/22/2011 | | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: NONE SHEET NO. 4 OF 35 SHEETS STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------------|-----------|
| 3586 | 11-00056-00-RS | WILL | 35 | 4 |
| | | | CONTRACT NO. 63621 | |
| ILLINOIS FED. AID PROJECT | | | | |