

**PROPOSED LEGEND:**

- ① HOT-MIX ASPHALT SURFACE COURSE - 1 3/4"
- ② HOT-MIX ASPHALT BINDER COURSE - 2 3/4"
- ③ HOT-MIX ASPHALT SHOULDERS, 8"
- ④ HOT-MIX ASPHALT SHOULDERS, 6"
- ⑤ SHOULDER RUMBLE STRIP
- ⑥ SUB-BASE GRANULAR MATERIAL, TYPE B 4"
- ⑦ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑧ TRAFFIC BARRIER TERMINAL
- ⑨ COMPOST FURNISH AND PLACE, 2" / SEEDING / HEAVY DUTY EROSION CONTROL BLANKET
- ⑩ FILL
- ⑪ HOT-MIX ASPHALT SURFACE REMOVAL- 3/4" (SEE DETAIL B')
- ⑫ HOT-MIX ASPHALT SURFACE REMOVAL- 1" (SEE DETAIL B')

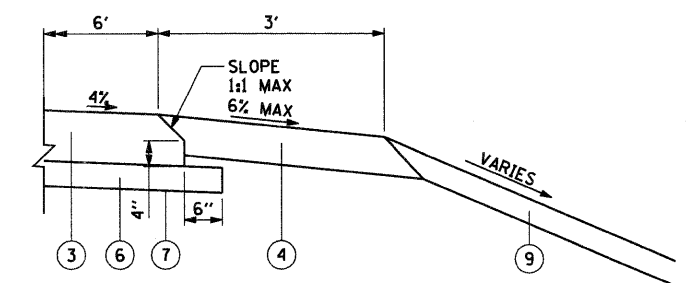
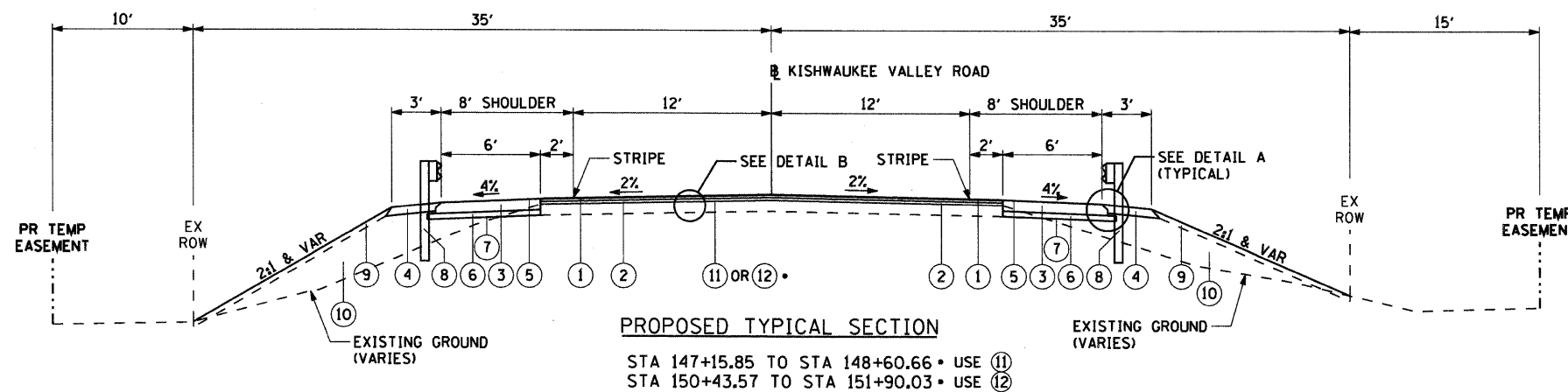
**NOTES:**

1. THE SHOULDER RUMBLE STRIPS SHALL BE PLACED IN ALL HMA SHOULDERS, ACCORDING TO IDOT STANDARD 642001, WHERE THE HMA SHOULDER WIDTH IS GREATER THAN 3 FT. SEE ROADWAY PLANS FOR EXACT LOCATIONS.
2. TYPICAL SECTIONS NEED TO BE VERIFIED WITH THE ROADWAY PLANS AS THEY ARE A REPRESENTATION OF THE PLANS. THEY DO NOT SHOW ALL CONFIGURATIONS, JUST THE MOST PREDOMINANT.
3. SEE THE PAVEMENT MARKING AND LANDSCAPING PLANS FOR THE LOCATION AND CLASSIFICATION OF SEEDING TO BE USED.

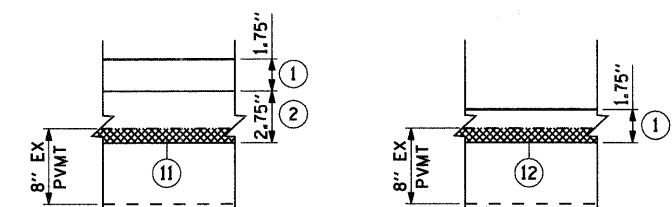
**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

| MIXTURE TYPE   | AC TYPE   | AIR VOIDS   | RAP % |
|--|-----------|-------------|-------|
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N70 (IL 9.5mm) | PG 64-22  | 4% @ 70 Gyr | 10/15 |
| HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70            | PG 64-22* | 4% @ 70 Gyr | 15/25 |
| HOT-MIX ASPHALT SHOULDERS, 6"                          | PG 64-22* | 2% @ 30 Gyr | 50    |
| HOT-MIX ASPHALT SHOULDERS, 8"                          | PG 64-22* | 2% @ 30 Gyr | 50    |

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SOYD/IN  
 • WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.



**DETAIL A**



**DETAIL B**

BRIDGE OMISSION: STA 148+60.66 TO STA 150+43.57 (SEE STRUCTURAL SHEETS)

FILE NAME: p:\a6606573\980\_cad\01\_drawing\sheet\1\168095873-ant-typical.dgn

**AECOM**

USER NAME = holmann  
 PLOT SCALE = 5,000' / IN.  
 PLOT DATE = 5/22/2009

DESIGNED - NJH  
 DRAWN - NJH  
 CHECKED - RMG  
 DATE - MARCH 20, 2009

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**MCHENRY COUNTY  
 DIVISION OF TRANSPORTATION**

**TYPICAL SECTIONS**

SCALE: NTS SHEET NO. 1 OF 1 SHEETS STA. 147+15.85 TO STA. 151+90.03

| F.A.S. RTE.                                     | SECTION        | COUNTY  | TOTAL SHEETS | SHEET NO. |
|---|----------------|---------|--------------|-----------|
| 0031  | 06-00323-00-BR | MCHENRY | 53           | 7         |
| CONTRACT NO. 63218                              |                |         |              |           |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |                |         |              |           |