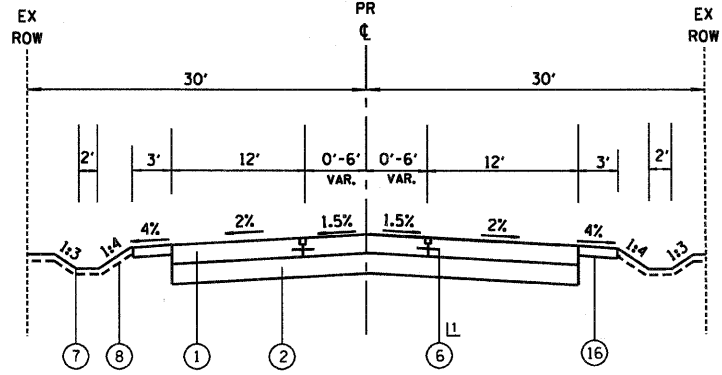
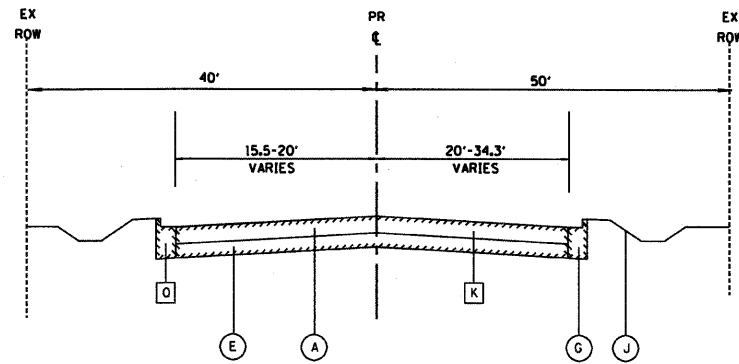


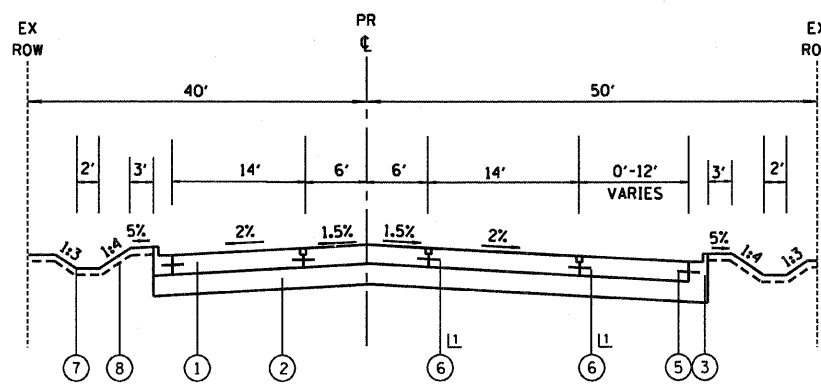
EXISTING TYPICAL SECTION
BRAE LOCH ROAD
STATION 15+97 TO U.S. ROUTE 45



PROPOSED TYPICAL SECTION
BRAE LOCH ROAD
STATION 15+97 TO U.S. ROUTE 45
L AT THE CONTRACTORS OPTION A LONGITUDINAL SAWED JOINT (L) MAY BE USED



EXISTING TYPICAL SECTION
GAGES LAKE ROAD
U.S. ROUTE 45 TO STATION 14+02.30



PROPOSED TYPICAL SECTION
GAGES LAKE ROAD
U.S. ROUTE 45 TO STATION 14+02.30
L AT THE CONTRACTORS OPTION A LONGITUDINAL SAWED JOINT (L) MAY BE USED

- PROPOSED LEGEND**
- 1 PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)
 - 2 AGGREGATE SUBGRADE 12"
 - 3 COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
 - 4 CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED) (SEE DETAIL SHEETS NO. 91 AND 92)
 - 5 NO. 6 x 24" TIE BARS GROUTED IN PLACE (EPOXY COATED) AT 24" O.C. INCLUDED IN COST OF COMBINATION CONCRETE CURB & GUTTER OF THE TYPE SPECIFIED
 - 6 LONGITUDINAL CONSTRUCTION JOINT GROUTED-IN-PLACE TIE BAR NO. 8 x 24" LONG DEFORMED TIE BARS (EPOXY COATED) AT 24" O.C. (INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED))
 - 7 SODDING, SALT TOLERANT OR SEEDING AS NOTED ON PLANS
 - 8 FURNISHING AND PLACING TOPSOIL, 4"
 - 9 FURNISHING AND PLACING TOP SOIL, 24" (FOR LANDSCAPE MEDIAN DETAILS, SEE SHEET NO. 92)
 - 10 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90, 2"
 - 11 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 1 1/4" (IN 5 LIFTS)
 - 12 HOT-MIX ASPHALT BASE COURSE, 9 3/4" (IN 5 LIFTS)
 - 13 SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
 - 14 LONGITUDINAL SAWED JOINT - NO. 6 x 30" LONG DEFORMED TIE BARS (EPOXY COATED) AT 30" O.C. (STANDARD 420001) (INCLUDED IN THE COST CONCRETE PAVEMENT)
 - 15 AGGREGATE SHOULDERS, TYPE A 8"
 - 16 HOT-MIX ASPHALT SHOULDERS 8" (IN 2 LIFTS)
 - 17 HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 2"
 - 18 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4"
 - 19 COMBINATION CONCRETE CURB & GUTTER, TY B-6.24 (SPECIAL) (SEE DETAIL)

- EXISTING LEGEND**
- (A) HOT-MIX ASPHALT BINDER & SURFACE COURSES, 3"-7"
 - (B) HOT-MIX ASPHALT SURFACE TO REMAIN, (6" & VARIES)
 - (C) PORTLAND CEMENT CONCRETE PAVEMENT, 9"-7"-9"
 - (D) HOT-MIX ASPHALT BASE COURSE, 9"-10"
 - (E) AGGREGATE OR HMA BASE (10")
 - (F) SUB-BASE GRANULAR MATERIAL, TYPE B 4"
 - (G) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
 - (H) HOT-MIX ASPHALT SHOULDER, 8" & VARIES
 - (I) AGGREGATE SHOULDER 6"-8" & VARIES
 - (J) GROUND SURFACE
 - (K) PAVEMENT REMOVAL
 - (L) NOT USED
 - (M) NOT USED
 - (N) NOT USED
 - (P) PAVED SHOULDER REMOVAL
 - (Q) COMBINATION CONCRETE CURB & GUTTER REMOVAL
 - (R) EARTH EXCAVATION

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ NDES
FULL DEPTH PAVEMENT (MAINLINE) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX F, N90 (IL-9.5mm) 2" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 1 1/4"	4% @ 90 GYR 4% @ 90 GYR
FULL DEPTH PAVEMENT (SIDE STREETS) HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70 (IL-9.5mm) 2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 2 1/4" HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0mm) 6" & 9 3/4"	4% @ 70 GYR 4% @ 70 GYR 4% @ 70 GYR
PAVEMENT RESURFACING HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70 1 1/2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 2 1/4"	4% @ 70 GYR 4% @ 70 GYR
SHOULDER RECONSTRUCTION HMA SHOULDERS 8"	2% @ 30 GYR
PATCHING (HMA OPTION) CLASS D PATCHES (HMA BINDER IL-19.0mm) 10"	4% @ 70 GYR
DRIVEWAYS HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50 (IL-9.5mm) 2" HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0mm) 6" PE & 8" CE	4% @ 50 GYR 4% @ 50 GYR
TEMPORARY PAVEMENT (HMA OPTION) HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50 (IL-9.5mm) 1 1/2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 8 1/2"	4% @ 50 GYR 4% @ 50 GYR

NOTES
1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SY/IN.
2. 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.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

GAGES LAKE ROAD/BRAE LOCH ROAD

SCALE - NONE

DATE: 12/14/09
DRAWN BY: MJL
CHECKED BY: TSB