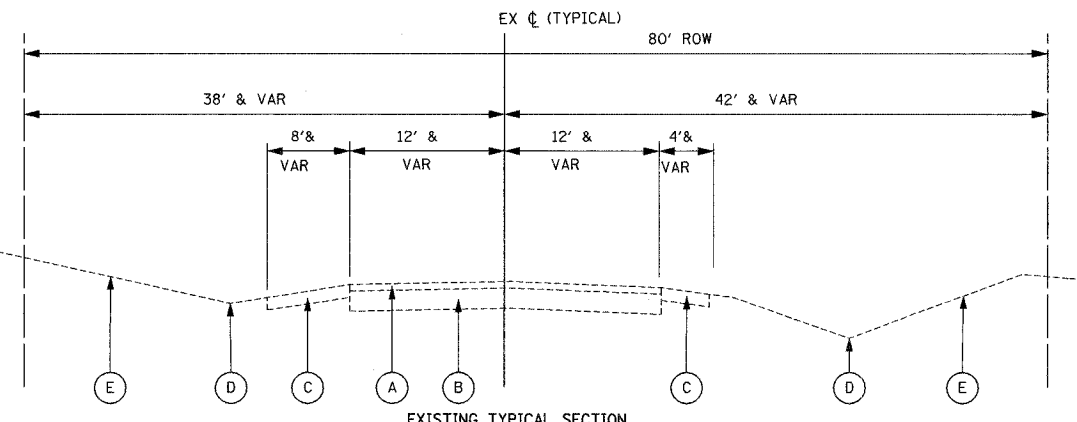
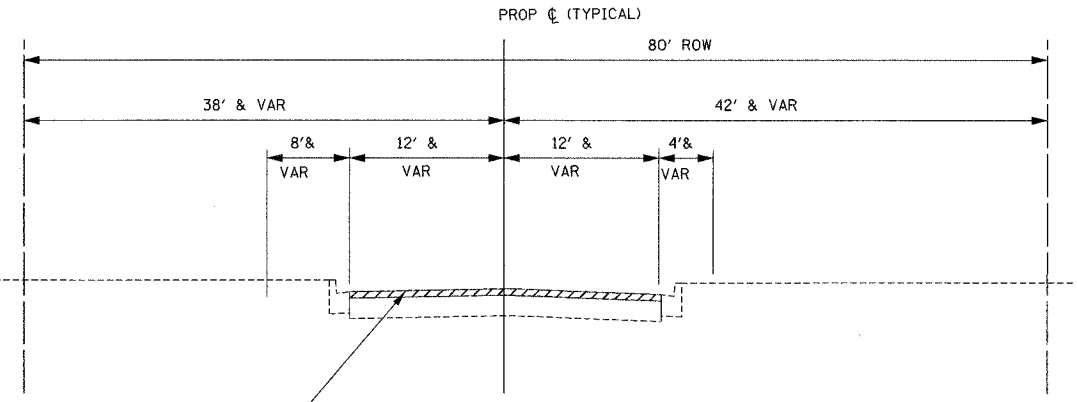


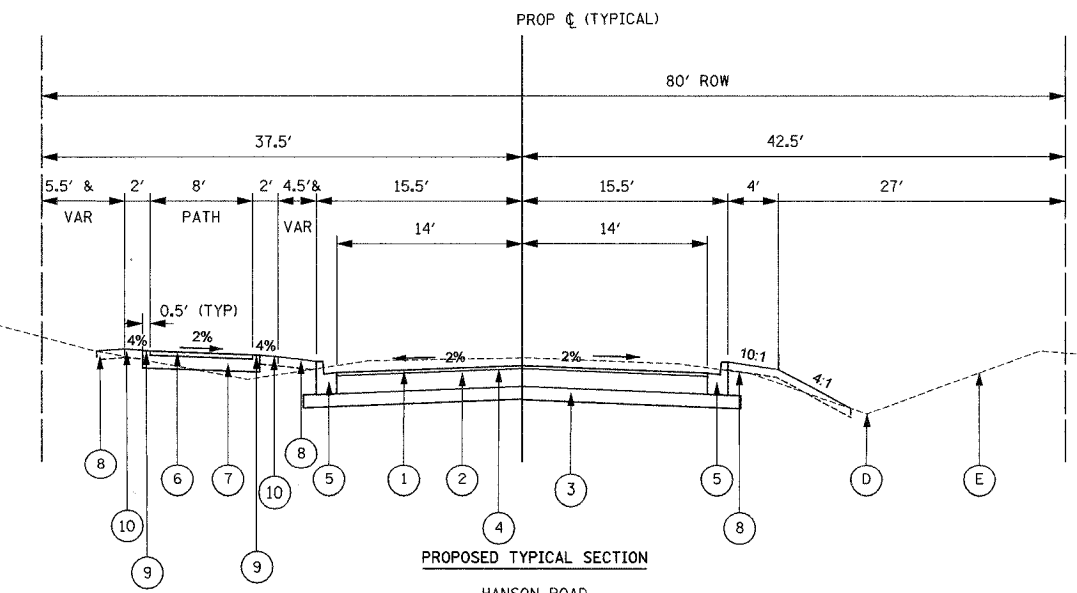
F.A.U. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4011	06-00071-00-PV	McHENRY	31	4
ILLINOIS PROJECT				
CONTRACT NO. 63001				



EXISTING TYPICAL SECTION  
HANSON ROAD  
COUNTY LINE ROAD TO EDGEWOOD DRIVE  
LOOKING NORTH  
STA. 600+73 TO 615+15



PROPOSED TYPICAL SECTION  
HANSON ROAD  
COUNTY LINE ROAD TO EDGEWOOD DRIVE  
LOOKING NORTH  
STA. 600+73 TO 601+20



PROPOSED TYPICAL SECTION  
HANSON ROAD  
COUNTY LINE ROAD TO EDGEWOOD DRIVE  
LOOKING NORTH  
STA. 601+20 TO 615+15

LEGEND

- (A) EXISTING HOT-MIX ASPHALT PAVEMENT: 3 - 4" (REMOVAL TO BE PAID AS PAVEMENT REMOVAL)
- (B) EXISTING GRANULAR BASE COURSE: 9" - 20" (REMOVAL TO BE PAID AS EARTH EXCAVATION)
- (C) EXISTING GRAVEL SHOULDERS
- (D) EXISTING SWALE
- (E) EXISTING LANDSCAPING

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50, 2" (ROADWAY)
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19, N50 (2 LIFTS), 6"
- (3) SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- (4) AREA REFLECTIVE CRACK CONTROL TREATMENT
- (5) COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12
- (6) HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50, 2" (BIKE PATH)
- (7) AGGREGATE BASE COURSE, TYPE B, 6"
- (8) LANDSCAPE RESTORATION - 4" TOPSOIL (FURNISH AND PLACE), CLASS 1A SEEDING & EROSION CONTROL BLANKET
- (9) 0.5' WIDE AGGREGATE SHOULDER, TYPE B, 8"
- (10) 1.5' WIDE TURF GRADED SHOULDER

MIX REQUIREMENT CHART

DESCRIPTION	MIXTURE TYPE	AC TYPE	AIR VOIDS
HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 8"	HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50 (IL-9.5 mm)	PG 64-22	4% @ 50 GYR.
	HOT-MIX ASPHALT BINDER COURSE, IL-19, N50	*PG 64-22/58-22	4% @ 50 GYR.
HMA RESURFACING	HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50 (IL-9.5 mm)	PG 64-22	4% @ 50 GYR.
HMA PATH	HOT-MIX ASPHALT CONCRETE SURFACE COURSE, MIX C, N50 (IL-9.5 mm)	PG 64-22	4% @ 50 GYR.
CLASS D PATCH	CLASS D PATCHES, TYPE IV, 5" (HMA BINDER, IL-19 mm)	*PG 64-22/58-22	4% @ 70 GYR.

\*THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN  
\*WHEN RAP EXCEEDS 20%, THE NEW BINDER IN THE MIX SHALL BE PG 58-22

\* NOTE: PGE SUBGRADE IS REQUIRED FROM APPROXIMATE STA. 610+75 TO STA. 615+15. ACTUAL LIMITS AND ANY ADDITIONAL AREAS TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT ARE CONSIDERED TO BE UNSTABLE OR SUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE SAME TIME OF CONSTRUCTION BY A QUALIFIED SOILS INSPECTOR. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.03 AND IN CONJUNCTION WITH THE IDOT SUBGRADE STABILITY MANUAL (REV. 2005).

GEOTECHNICAL FABRIC FOR GROUND STABILIZATION HAS BEEN PROVIDED FOR USE IN UNDERCUT AREAS. THE ACTUAL USE OF GEOTECHNICAL FABRIC WILL ALSO BE DETERMINED IN THE FIELD.

REVISIONS	
NAME	DATE

HANSON ROAD IMPROVEMENTS  
COUNTY LINE ROAD TO EDGEWOOD DRIVE  
TYPICAL SECTIONS

DATE: 12-18-07  
DRAWN BY: AJR  
CHECKED BY: MAY



GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.  
CHICAGO, ILLINOIS