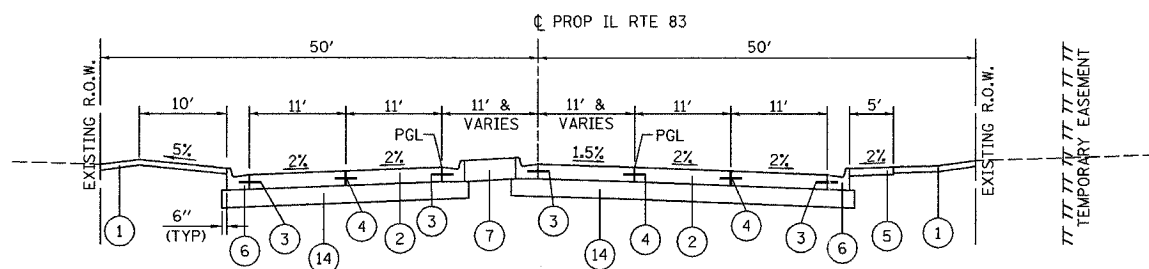
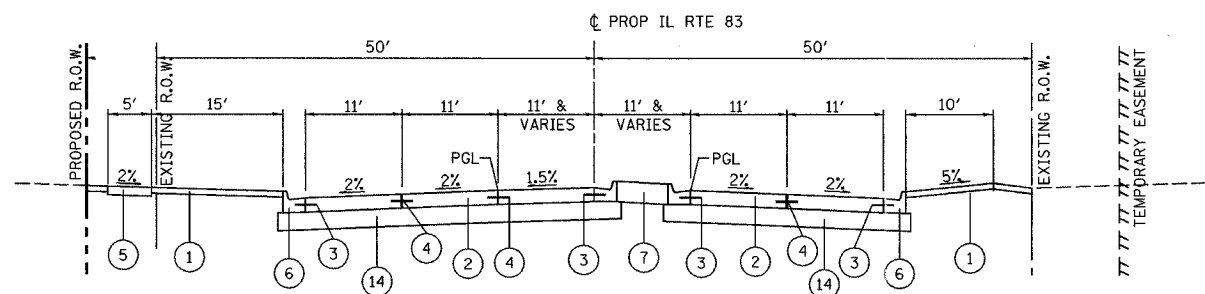


EXISTING TYPICAL SECTION  
ILL. ROUTE 83 (ELMHURST ROAD)  
STA 744+00 TO STA 755+75



PROPOSED TYPICAL SECTION  
ILL. ROUTE 83 (ELMHURST ROAD)  
STA 744+00 TO STA 749+00



PROPOSED TYPICAL SECTION  
ILL. ROUTE 83 (ELMHURST ROAD)  
STA 751+00 TO STA 755+75

**EXISTING LEGEND**

- (A) PORTLAND CEMENT CONCRETE PAVEMENT (10-INCH)
- (B) BITUMINOUS CONCRETE SURFACE (2.5-INCH AND VARIES)
- (C) PORTLAND CEMENT CONCRETE BASE COURSE (9-INCH)
- (D) SUB-BASE GRANULAR MATERIAL (6-INCH)
- (E) COMBINATION CONCRETE CURB AND GUTTER (VARIES)
- (F) SIDEWALK
- (G) BITUMINOUS/CONCRETE MEDIAN SURFACE
- (H) CONCRETE BARRIER AND BASE
- REMOVAL ITEM

**PROPOSED LEGEND**

- (1) TOPSOIL FURNISH AND PLACE, 4" & SODDING, SALT TOLERANT
- (2) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- (3) CONSTRUCTION JOINT WITH #6 DEFORMED TIE BAR (EPOXY COATED), 24" LONG @ 24" CENTERS, GROUT IN PLACE INCLUDED IN THE COST OF COMB, CURB AND GUTTER
- (4) CONSTRUCTION JOINT WITH #8 DEFORMED TIE BAR (EPOXY COATED), 24" LONG @ 24" CENTERS, GROUT IN PLACE INCLUDED IN THE COST OF PCC PAVEMENT
- (5) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (6) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (7) CONCRETE MEDIAN, TYPE SB-6.12
- (8) STEEL PLATE BEAM GUARD RAIL, TYPE A
- (9) BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D" N70 (1.5")
- (10) POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "F", N90 (1.75")
- (11) BITUMINOUS CONCRETE, BINDER COURSE, SUPERPAVE, IL-19.0 N90 (0"-12.5")
- (12) POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE, IL-4.75, N50 (0.75")
- (13) TEMPORARY CONCRETE BARRIER, FURNISH AND INSTALL
- (14) AGGREGATE SUBGRADE 12"

**STRUCTURAL PAVEMENT DESIGN INFORMATION**

STRUCTURAL TRAFFIC: YEAR 2014  
 PV = 27,076 SU = 700 MU = 224  
 ROAD/STREET CLASSIFICATION: CLASS 1  
 P = 32% S = 45% M = 45%  
 TRAFFIC FACTOR: Actual TF = 3.50 AC Type = N/A  
 Minimum TF = 9.04  
 AC GRADE: Binder = Surface =  
 SUBGRADE SUPPORT RATING:  
 SSR = 2.00

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
PALATINE ROAD OVER IL 83 (ELMHURST RD.)

**TYPICAL SECTIONS**

SCALE: NTS  
DATE 12/04  
DRAWN BY ACE/CAD  
CHECKED BY TAE

