

EXISTING TYPICAL SECTION

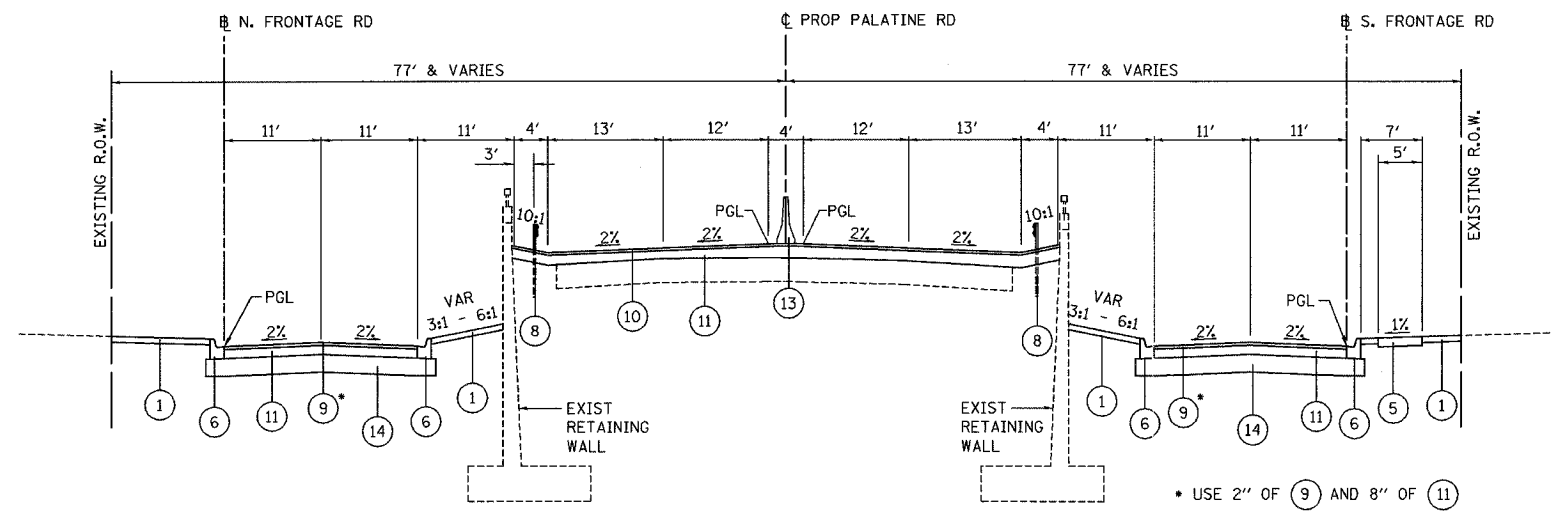
NORTH FRONTAGE ROAD STA 3359+35 TO STA 3360+15 STA 3365+80 TO STA 3366+05	PALATINE ROAD STA 358+16.25 TO STA 361+30.26 STA 366+22.82 TO STA 369+55.00	SOUTH FRONTAGE ROAD STA 2360+50 TO STA 2360+70 STA 2365+80 TO STA 2366+05
---	---	---

- 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 2016
	PV = 46,485 SU = 730 MU = 1,460
ROAD/STREET CLASSIFICATION:	CLASS 1
	P = 32% S = 45% M = 45%
TRAFFIC FACTOR:	Actual TF = 7.26 AC Type = 20
	Minimum TF = 4.27
AC GRADE:	Binder = PG 64-22 Surface = PG 64-22
SUBGRADE SUPPORT RATING:	SSR = 2.00



PROPOSED TYPICAL SECTION

NORTH FRONTAGE ROAD STA 3359+35 TO STA 3360+15 STA 3365+80 TO STA 3366+05	PALATINE ROAD STA 358+16.25 TO STA 361+30.26 STA 366+22.82 TO STA 369+55.00	SOUTH FRONTAGE ROAD STA 2360+50 TO STA 2360+70 STA 2365+80 TO STA 2366+05
---	---	---

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

AMERICAN
CONSULTING ENGINEERS