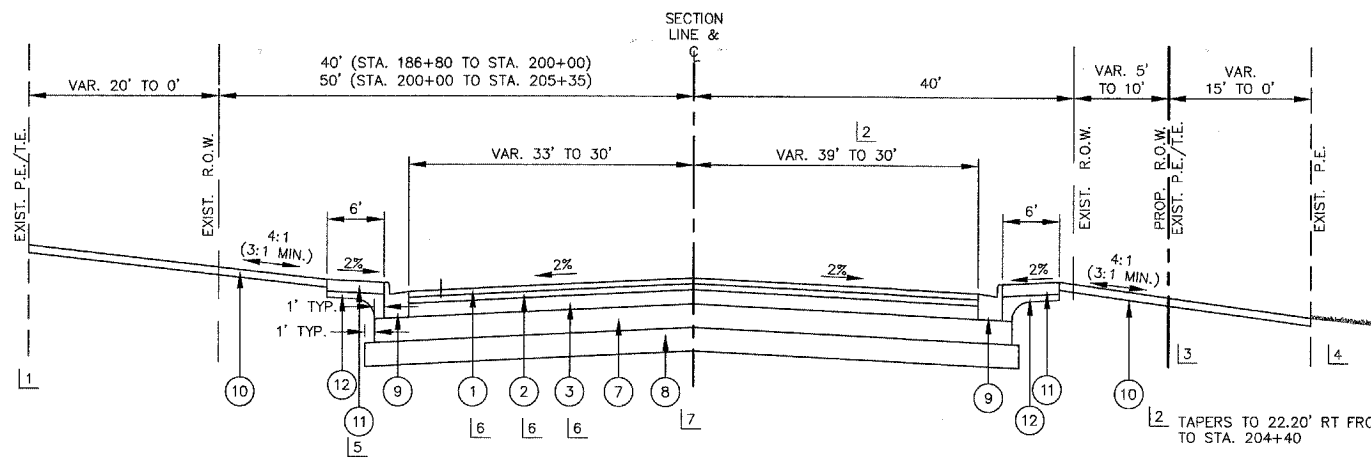


F.A.U. ROUTE	CONTRACT NO.	COUNTY	TOTAL SHTS.
0126	83776	McHENRY	77
STATE SECTION 95-00090-00-FP			
PROPOSED TYPICAL SECTIONS			
F.H.W.A. REG.5 ILLINOIS PROJECT M-8003			



1 60' LT EXISTING P.E. STA. 186+80 TO STA. 192+55  
50' LT EXISTING T.E. STA. 192+55 TO STA. 200+00  
0' STA. 200+00 TO STA. 204+40

PROPOSED TYPICAL SECTION  
PINGREE ROAD  
STA. 186+95.00 TO STA. 204+40.00

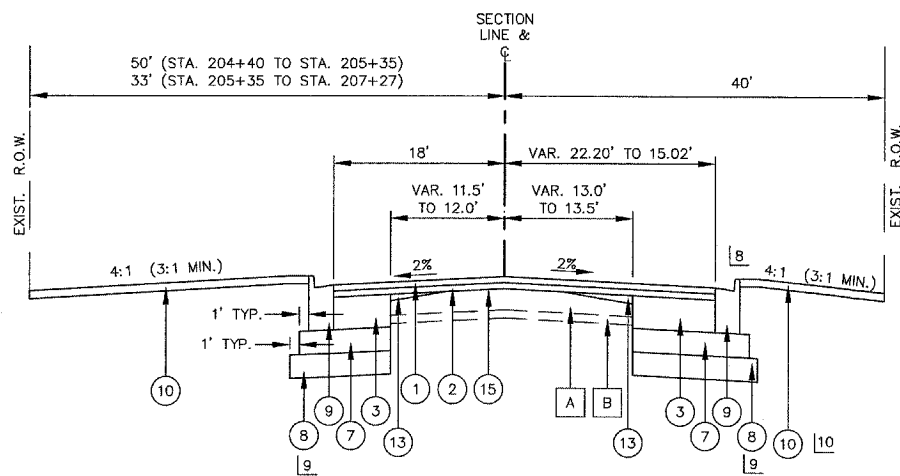
- 2 TAPERS TO 22.20' RT FROM STA. 202+28 TO STA. 204+40
- 3 50' RT PROPOSED R.O.W. STA. 186+80 TO STA. 189+82  
50' RT EXISTING P.E. STA. 189+82 TO STA. 193+19  
45' RT EXISTING P.E. STA. 193+19 TO STA. 195+83  
50' RT EXISTING P.E. STA. 200+43 TO STA. 201+83
- 4 STA. 187+14 TO STA. 189+82
- 5 SIDEWALK LT STA. 186+95 TO STA. 203+66
- 6 AT U.S. ROUTE 14 INTERSECTION STA. 198+78 TO STA. 201+18 USE 4-5-6
- 7 STA. 203+50 TO STA. 204+40

PROPOSED TYPICAL SECTION LEGEND

- 1 BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70, 1-3/4"
- 2 BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N70, 2-1/4"
- 3 BITUMINOUS BASE COURSE, SUPERPAVE, 7"
- 4 POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "F", N90, 2"
- 5 BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N90, 2-1/4"
- 6 BITUMINOUS BASE COURSE, SUPERPAVE, 8-3/4"
- 7 AGGREGATE SUBGRADE, 12"
- 8 POROUS GRANULAR EMBANKMENT, SUBGRADE, 12" (STA. 203+50 TO STA. 206+70)
- 9 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- 10 TOPSOIL FURNISH AND PLACE, 4" AND SEEDING CLASS 1A/SODDING, SALT TOLERANT
- 11 PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- 12 2" (MIN.) SUBBASE GRANULAR MATERIAL, TYPE C-FILL BACK OF CURB VOID (INCLUDED IN COST OF P.C.C. SIDEWALK, 4")
- 13 POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE, IL 4.75, N50, (VARIABLE DEPTH)
- 14 BITUMINOUS SHOULDERS, SUPERPAVE, 8"
- 15 AREA REFLECTIVE CRACK CONTROL TREATMENT
- 16 STRIP REFLECTIVE CRACK CONTROL TREATMENT

EXISTING TYPICAL SECTION LEGEND

- A BITUMINOUS PAVEMENT, VARIES 6" TO 11"
- B GRANULAR SUBBASE, VARIES 3" TO 6"
- C CONCRETE CURB AND GUTTER TYPE B-6.12
- D CONCRETE CURB AND GUTTER TYPE B-6.24
- E BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH) (VARIES 0" TO 3-1/2")
- F SAWCUT FULL DEPTH
- G EXISTING GROUND
- H BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH) (VARIES 0" TO 2")



PROPOSED TYPICAL SECTION  
PINGREE ROAD  
STA. 204+40.00 TO STA. 207+27.00

- 8 BIT. SHOULDER, SUPERPAVE, 8" STA. 206+08 TO STA. 207+27
- 9 STA. 204+40 TO STA. 206+70
- 10 SIDEWALK RT TO STA. 205+92

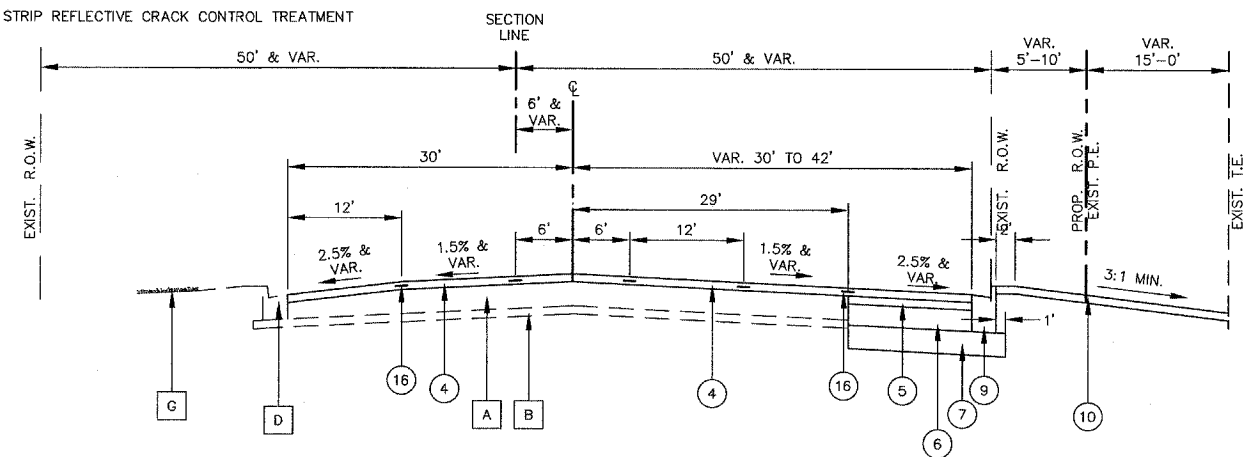
PAVEMENT DESIGN INFORMATION

PINGREE ROAD  
CLASS I ROAD  
2015 ADT 16150  
STRUCTURAL DESIGN TRAFFIC  
PV 15340 (95%)  
SU 485 (3%)  
MU 325 (2%)

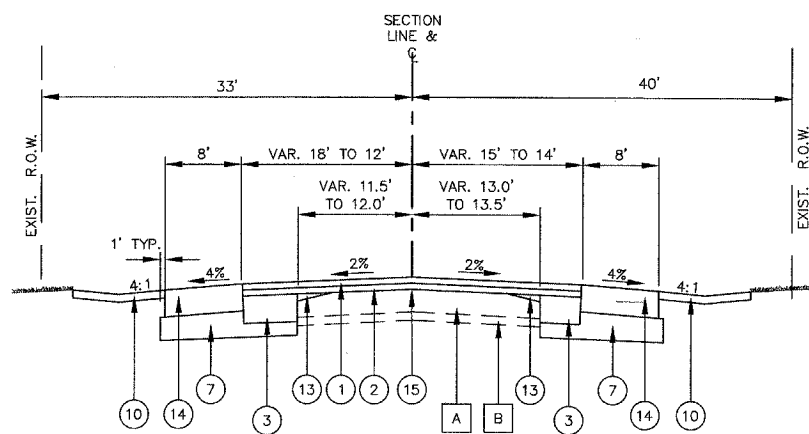
PAVEMENT DESIGN  
SSR POOR  
TF 2.00  
AC 20 (PG 64-22)  
AC MIX TEMP 76°F  
MODULUS 650 KSI  
AC MICROSTRAIN 85  
PAVEMENT THICKNESS REQUIRED 10-1/2"  
PAVEMENT THICKNESS PROVIDED 11"

U.S. ROUTE 14 (NORTHWEST HIGHWAY)  
CLASS I ROAD  
2015 ADT 36500  
STRUCTURAL DESIGN TRAFFIC  
PV 34675 (95%)  
SU 1095 (3%)  
MU 730 (2%)

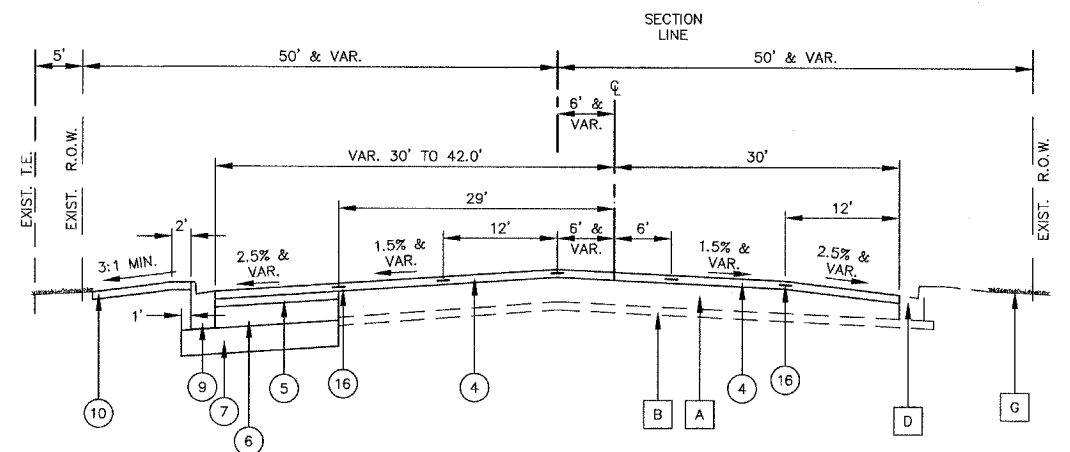
PAVEMENT DESIGN  
SSR POOR  
TF 4.51  
AC 20 (SBS PG 70-22)  
AC MIX TEMP 76°F  
MODULUS 650 KSI  
AC MICROSTRAIN 65  
PAVEMENT THICKNESS REQUIRED 12-1/2"  
PAVEMENT THICKNESS PROVIDED 13"



PROPOSED TYPICAL SECTION  
U.S. ROUTE 14 (NORTHWEST HIGHWAY)  
STA. 94+56.00 TO STA. 100+00.00



PROPOSED TYPICAL SECTION  
PINGREE ROAD  
STA. 207+27.00 TO STA. 209+01.00



PROPOSED TYPICAL SECTION  
U.S. ROUTE 14 (NORTHWEST HIGHWAY)  
STA. 100+00.00 TO STA. 106+23.00