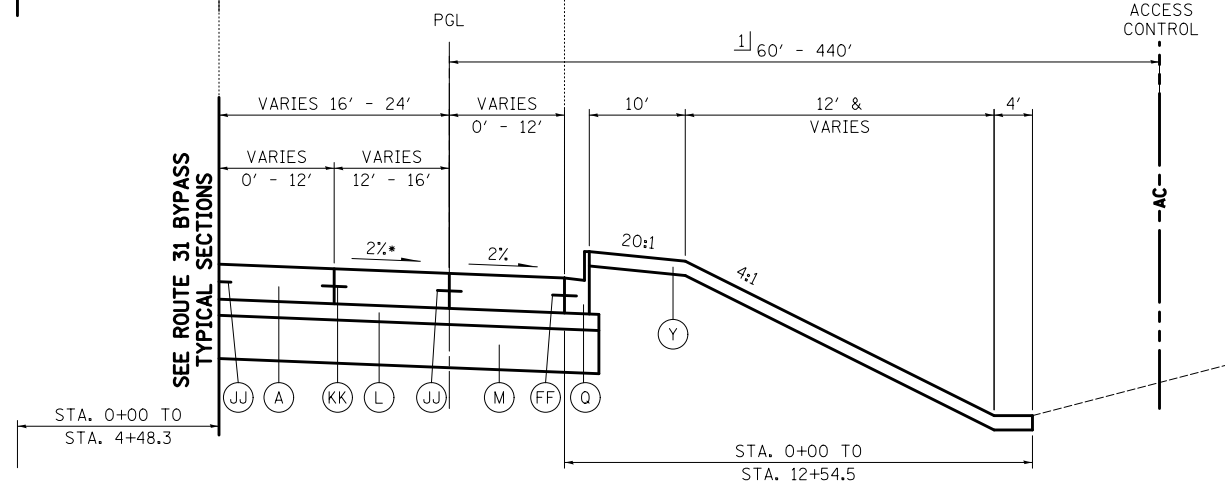
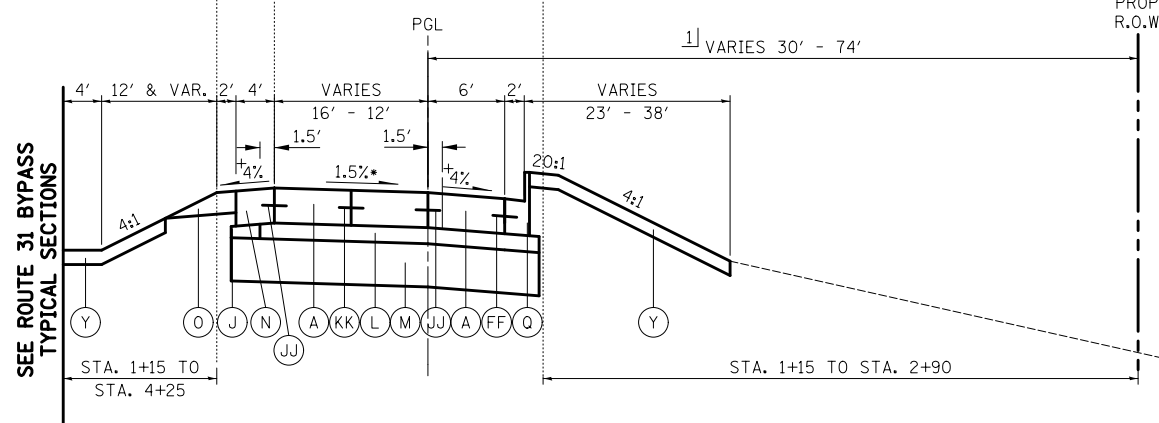
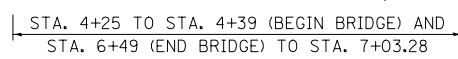
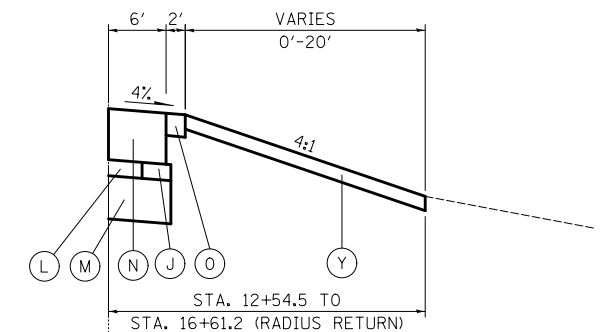
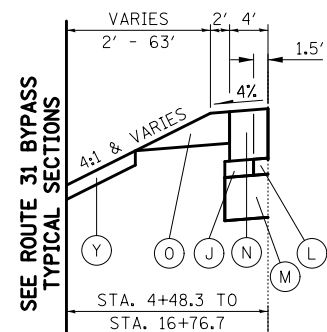
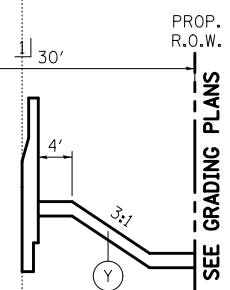
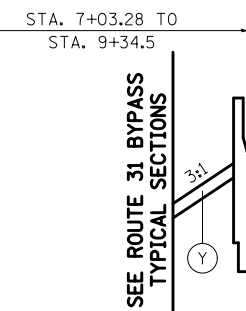
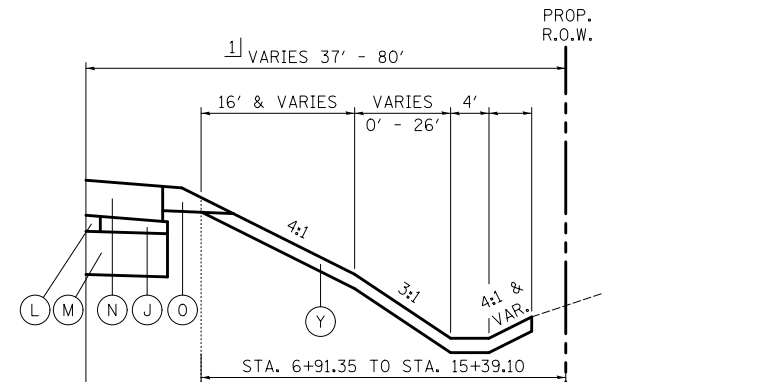
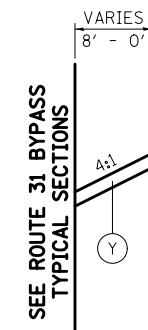
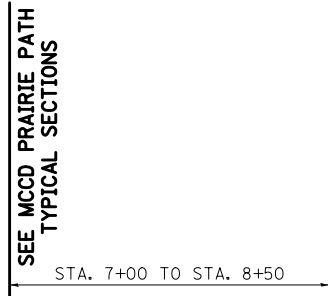
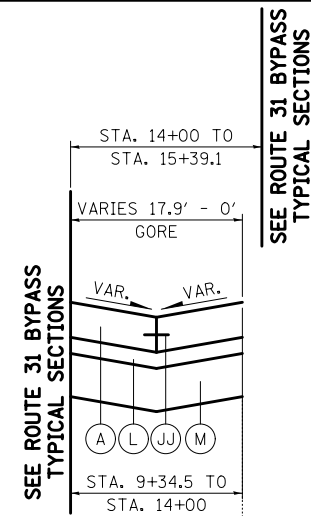


LEGEND

- (A) PORTLAND CEMENT CONCRETE PAVEMENT, 9 3/4" (JOINTED)
- △ (B) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 10" (4 LIFTS)
- △ (C) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"
- (D) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- △△ (E) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (F) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2 3/4"
- △ (G) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, 2 1/4"
- △△ (H) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 6 1/4" (2 LIFTS)
- (I) AGGREGATE SUBGRADE IMPROVEMENT, 24"
- (J) SUB-BASE GRANULAR MATERIAL, TYPE B
- (K) SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- (L) STABILIZED SUB-BASE, HOT-MIX ASPHALT, 4 1/2"
- (M) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (N) PORTLAND CEMENT CONCRETE SHOULDERS, 9 3/4"
- (O) AGGREGATE SHOULDER TYPE B, 6"
- (P) HOT-MIX ASPHALT SHOULDERS, 6" (2 LIFTS)
- (Q) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (R) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06
- (S) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (T) CONCRETE MEDIAN SURFACE, 4"
- (U) CONCRETE MEDIAN, TYPE SB-6.24
- (V) CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
- (W) SELECT BACKFILL
- (X) PORTLAND CEMENT CONCRETE SIDEWALK, 5" SPECIAL
- (Y) TOPSOIL FURNISH AND PLACE, 4" SEEDING, FERTILIZER AND EROSION CONTROL MAT
- (Z) PROPOSED RETAINING WALL
- (AA) CONCRETE BARRIER WALL (SPECIAL)
- (BB) PROPOSED NOISE WALL
- (CC) STEEL PLATE BEAM GUARDRAIL, TYPE A
- (DD) BRICK PAVERS
- (EE) EXISTING P.C.C. SIDEWALK
- (FF) LONGITUDINAL CONSTRUCTION JOINT - #6 STEEL TIE BAR, 24" C-C, COST INCLUDED IN COMBINATION CONCRETE CURB AND GUTTER PAY ITEM
- (GG) LIMESTONE SCREENINGS, 2"
- (HH) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- (II) TOPSOIL FURNISH AND PLACE, 4" SEEDING AND FERTILIZER
- (JJ) LONGITUDINAL CONSTRUCTION JOINT - #6 STEEL TIE BAR, COST INCLUDED IN PCC PAVEMENT, 9 3/4" (JOINTED)
- (KK) LONGITUDINAL SAWED JOINT - #6 EPOXY COATED STEEL TIE BAR, 30" C-C, COST INCLUDED IN PCC PAVEMENT, 9 3/4" (JOINTED)
- ① EXISTING P.C. CONCRETE PAVEMENT, 5" AND VARIES
- ② EXISTING HOT-MIX ASPHALT SURFACE COURSE, THICKNESS VARIES .75" TO 4"
- ④ EXISTING HOT-MIX ASPHALT BASE COURSE, THICKNESS VARIES 5" TO 13.5"
- ⑥ EXISTING SUB-BASE GRANULAR MATERIAL, THICKNESS VARIES 4" TO 16"
- ⑩ EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.24
- △ COST INCLUDED IN HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14.25"
- △△ COST INCLUDED IN HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 8.25"



* MSE 4.6% (LEFT) - STA. 8+30 TO STA. 11+25
 S.E. TRANS. - STA. 6+58 TO STA. 8+30, STA. 11+25 TO STA. 11+50
 MSE 4.0% (LEFT) - STA. 11+50 TO STA. 12+11.5
 STA. 12+11.5 TO STA. 15+39.1 - MATCH RTE. 31 BYPASS CROSS SLOPE

+ S.E. TRANS. - STA. 3+64.90 TO STA. 4+28.90,
 STA. 6+48.20 TO STA. 7+12.20

* STA. 0+00 TO STA. 3+15 - MATCH RTE. 31 BYPASS CROSS SLOPE
 MSE - 2.0% (LEFT) STA. 11+50 TO STA. 16+76.7
 S.E. TRANS. - STA. 10+24.5 TO STA. 11+50

RAMP C

STA. 1+15 TO STA. 4+32 (BEGIN BRIDGE) AND
 STA. 6+40 (END BRIDGE) TO STA. 12+11.5

RAMP D

STA. 0+00 TO STA. 16+76.7

SHEET NOTES

1] SEE SHEETS 410 - 457 FOR RIGHT OF WAY DIMENSIONS.

FILE NAME =	USER NAME = ctb	DESIGNED - GAB	REVISED -
...\\D160F72-sht-typical-14.dgn		DRAWN - ARA	REVISED -
	PLOT SCALE = 2.0000' / in.	CHECKED - GAB	REVISED -
	PLOT DATE = 5/2/2012	DATE - 5/3/2012	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. 14 OF 15 SHEETS STA. TO STA.

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	37
CONTRACT NO. 60F72				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				