

EXISTING TYPICAL SECTION LEGEND

- (A) ASPHALT SURFACE COURSE (± 4 INCH)
- (B) GRANULAR BASE COURSE
- (C) AGGREGATE SHOULDER
- (D) CONCRETE SIDEWALK
- (E) ASPHALT PATH

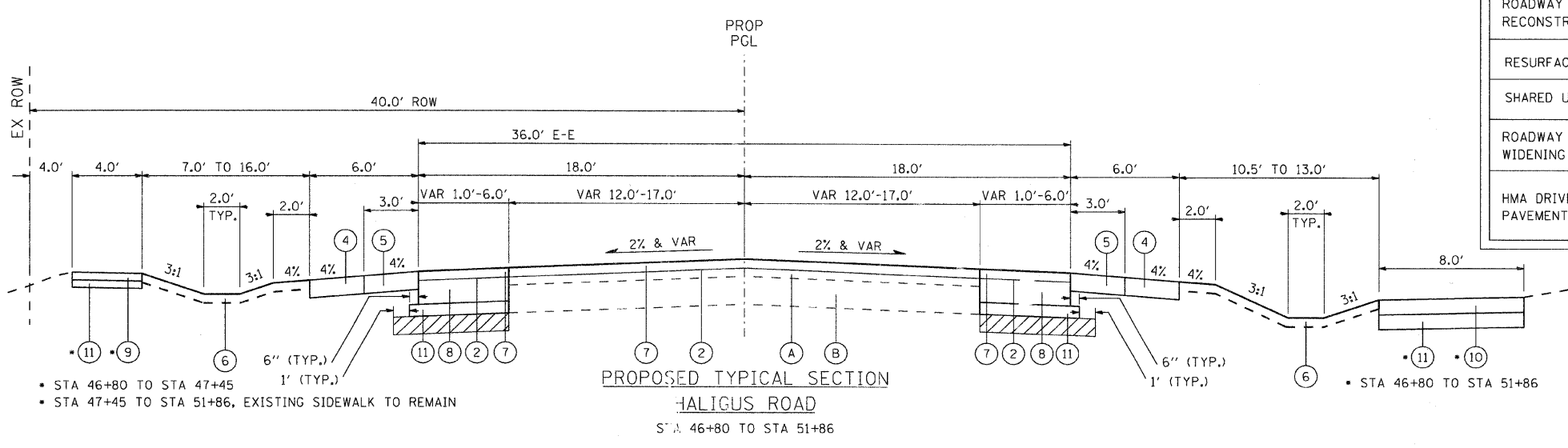
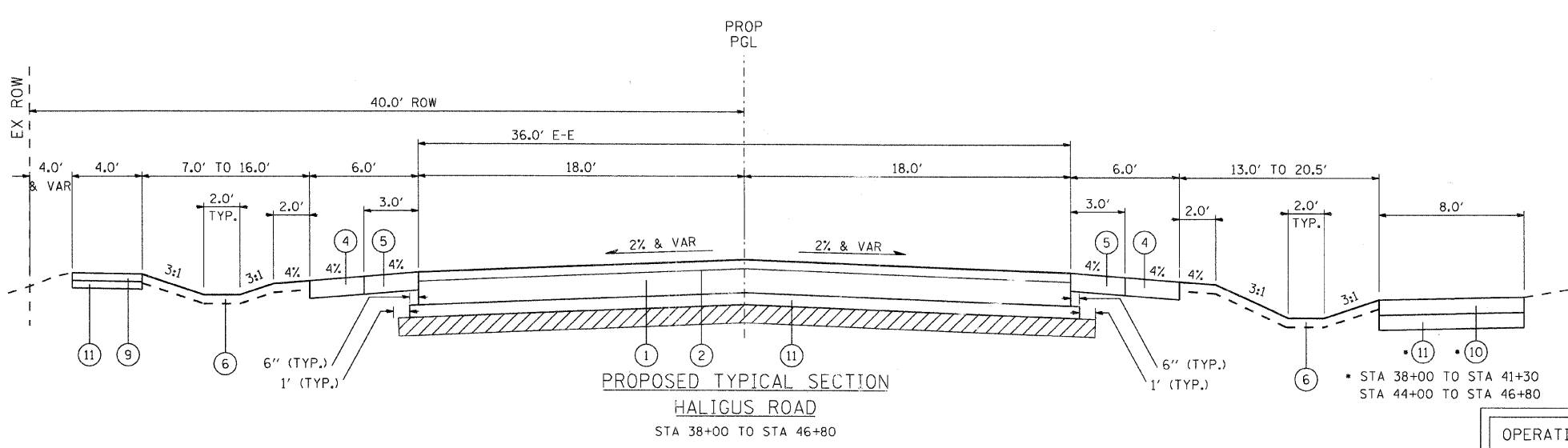
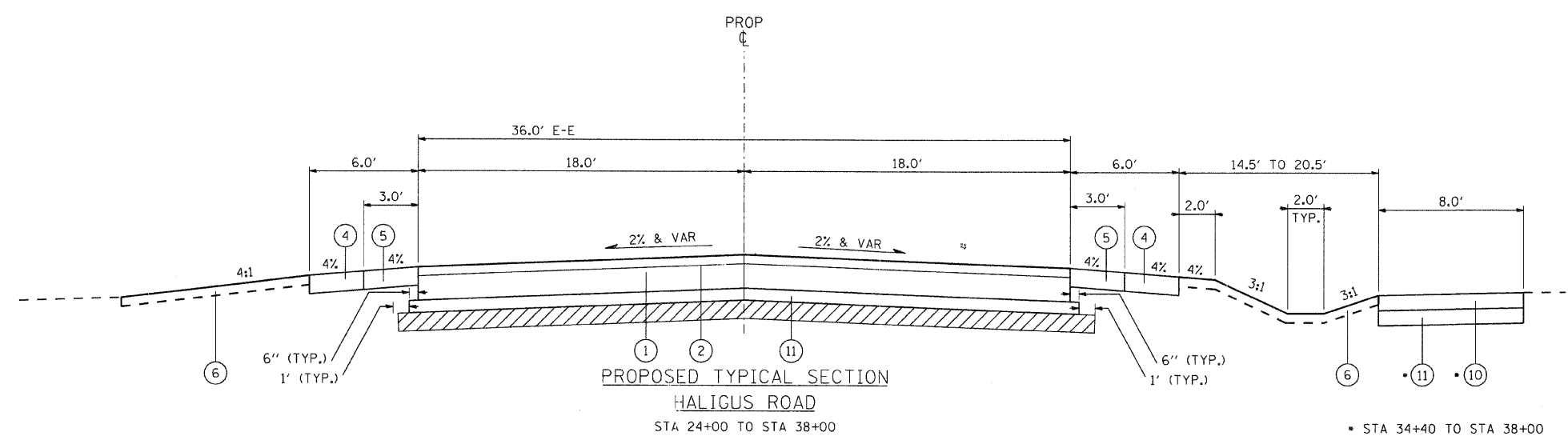
PROPOSED TYPICAL SECTION LEGEND

- (1) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10" (2" SURFACE, 8" BINDER)
 - (2) BITUMINOUS MATERIALS (PRIME COAT) 0.10 GALLON/SQ YD
 - (3) NOT USED
 - (4) AGGREGATE SHOULDERS TYPE B, 6"
 - (5) HOT-MIX ASPHALT SHOULDERS, 6"
 - (6) TOPSOIL, FURNISH AND PLACE, 4" AND SEEDING, CLASS 2A
 - (7) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (2")
 - (8) HOT-MIX ASPHALT BASE COURSE, 8"
 - (9) PORTLAND CEMENT CONCRETE SIDEWALK, 5" (6" THICK THRU DRIVEWAYS)
 - (10) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (3")
 - (11) SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- INDICATES POROUS GRANULAR EMBANKMENT SUBGRADE (TO BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

OPERATION	ITEM	AC TYPE	VOIDS
ROADWAY RECONSTRUCTION	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10" 2" SURFACE COURSE, MIX "D", N70 (IL-9.5mm) 8" BINDER COURSE, IL-19.0, N70	PG 64-22	4% @ 70 GYR.
RESURFACING	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5mm)	PG 64-22	4% @ 70 GYR.
SHARED USE PATH	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL-9.5mm)	PG 64-22	4% @ 50 GYR.
ROADWAY WIDENING	2" SURFACE COURSE, MIX "D", N70 (IL-9.5mm) 8" BINDER COURSE, IL-19.0, N70	PG 64-22	4% @ 70 GYR.
HMA DRIVEWAY PAVEMENT	HOT-MIX ASPHALT DRIVEWAY PAVEMENT 2" SURFACE COURSE, MIX "C", N50 (IL-9.5mm)	PG 64-22	4% @ 50 GYR.

• WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.
 THE UNIT WEIGHT TO CALCULATE HOT-MIX ASPHALT SURFACE MIXTURE IS 112 LB/SY PER INCH THICKNESS.



COMPANY NAME: Smith
 PROJECT CONTACT: #PROJECT CONTACT
 CLIENT: #CLIENT
 DATE PLOTTED: 4/1/2009 4:01:23 PM
 FILE NAME: 070710-tyr-pr-01.dgn
 PLOT DRIVER: pdrprc
 PEN TABLE: standard.tbl



USER NAME = charlke	DESIGNED - JLP	REVISED
FILE NAME = 070710-tyr-pr-01.dgn	DRAWN - BDH	REVISED
PLOT SCALE = NTS	CHECKED - DVC	REVISED
PLOT DATE = 4/1/2009	DATE - 4/1/09	REVISED

VILLAGE OF LAKE IN THE HILLS

PROPOSED TYPICAL SECTIONS

SCALE: NTS SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3869	08-00030-00-FP	MCHENRY	32	5
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63146	