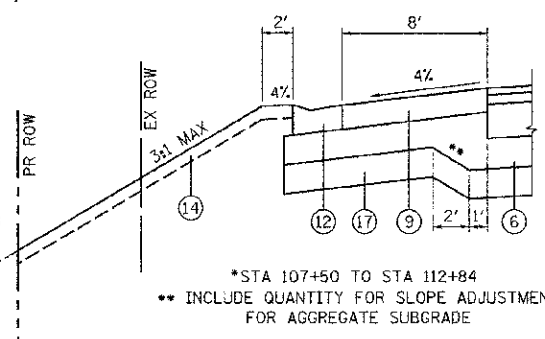
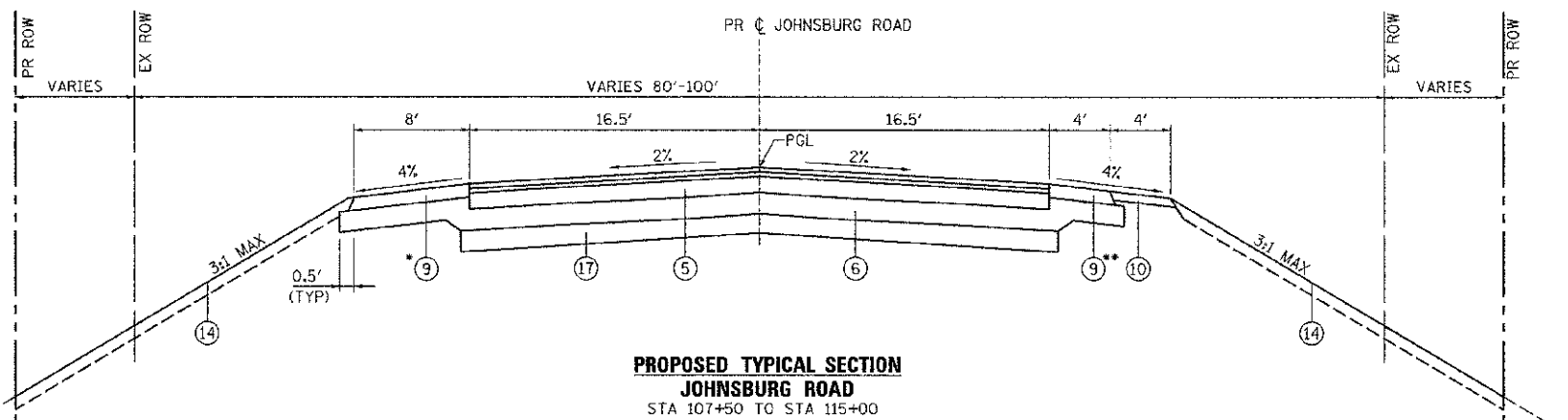


EXISTING TYPICAL SECTION LEGEND

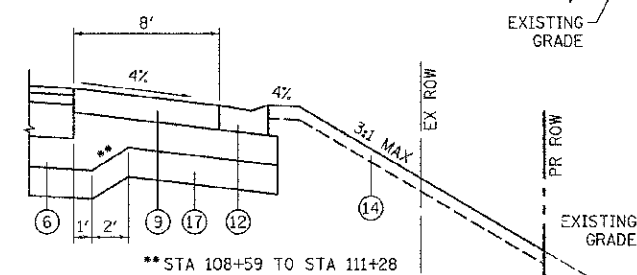
- (A) HOT-MIX ASPHALT PAVEMENT; DEPTH VARIES (6" TO 10")
- (B) HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- (C) GRANULAR MATERIAL
- (D) AGGREGATE SHOULDER
- (E) EXISTING GRADE
- (F) COMBINATION CONCRETE CURB AND GUTTER
- (G) SAW CUTTING, (FULL DEPTH)

PROPOSED TYPICAL SECTION LEGEND

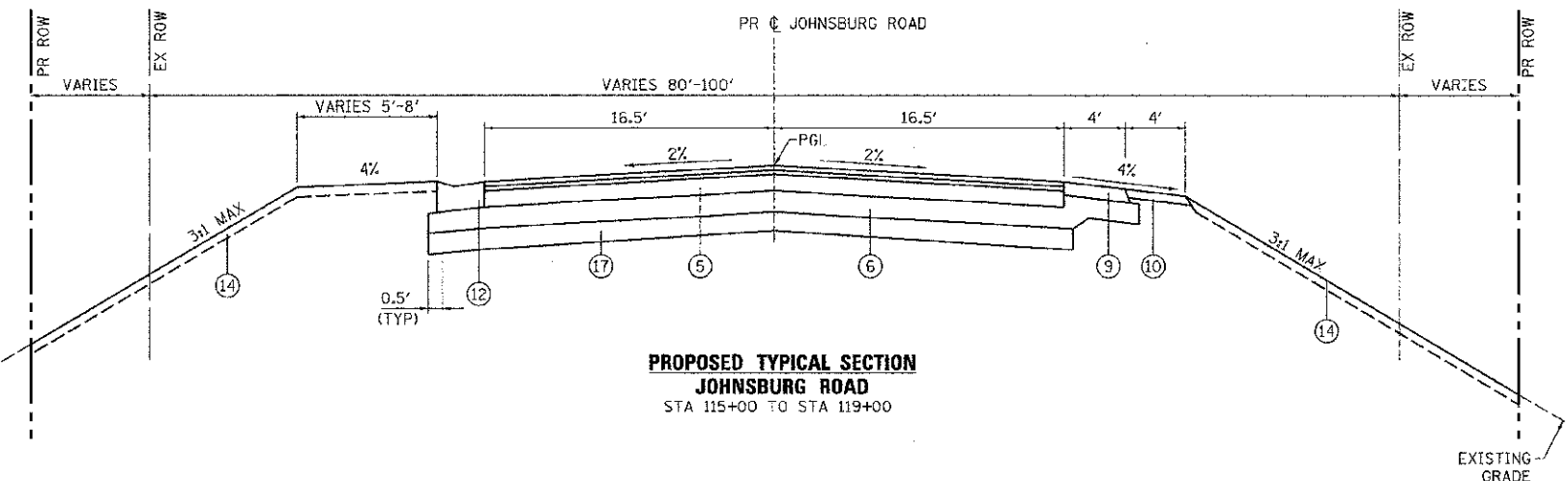
- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70, 2-1/4"
- (3) HOT-MIX ASPHALT BASE COURSE, 9"
- (4) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (5) HMA FULL DEPTH PAVEMENT, 13-1/4"
- (6) AGGREGATE SUBGRADE IMPROVEMENT, 12" (SQ YD)
- (7) BRICK PAVER ACCENT STRIPS
- (8) STRIP REFLECTIVE CRACK CONTROL TREATMENT
- (9) HOT-MIX ASPHALT SHOULDERS, 8"
- (10) AGGREGATE SHOULDERS, TYPE B, 6"
- (11) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (12) CONCRETE GUTTER, TYPE A
- (13) TOPSOIL, FURNISH AND PLACE, 4"; SODDING, SALT TOLERANT
- (14) TOPSOIL, FURNISH AND PLACE, 4"; SEEDING, CLASS VARIES; HEAVY DUTY EROSION CONTROL BLANKET
- (15) HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70, THICKNESS VARIES (TONS)
- (16) SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- (17) AGGREGATE SUBGRADE IMPROVEMENT (CU YD)



*STA 107+50 TO STA 112+84
 ** INCLUDE QUANTITY FOR SLOPE ADJUSTMENT FOR AGGREGATE SUBGRADE



** STA 108+59 TO STA 111+28



STRUCTURAL DESIGN TRAFFIC:	YEAR: 2030
PV = 12,205	SU = 129 MU = 514
ROAD/STREET CLASSIFICATION:	CLASS II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 95	S = 1 M = 4
TRAFFIC FACTOR:	ACTUAL TF = 2.14 AC TYPE = 20
	MINIMUM T = 0.50
PG GRADE: BINDER = 64-22	SURFACE = 64-22
SUBGRADE SUPPORT RATING:	
SSR = POOR	(STA. 107+50 TO 103+25)
SSR = POOR	(STA. 160+44 TO 178+43)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5mm); 2"	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 2 1/4"	4% @ 70 GYR.
FULL DEPTH PAVEMENT	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5mm); 2"	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 2 1/4"	4% @ 70 GYR.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19mm); 9" (IN 3 LIFTS)	4% @ 50 GYR.
WIDENING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5mm); 2"	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 2 3/4"	4% @ 70 GYR.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19mm); 9" (IN 3 LIFTS)	4% @ 50 GYR.
SHOULDER RECONSTRUCTION	
HMA SHOULDER (HMA BINDER IL-19mm); 8"	4% @ 50 GYR.
DRIVEWAYS	
HMA SURFACE COURSE, MIX "D", N50; (IL 9.5mm); 2"	4% @ 50 GYR.
HMA BASE COURSE (HMA BINDER IL-19 mm); PE-6", CE-8" (IN 2 LIFTS)	4% @ 50 GYR.
PATCHING	
CLASS D PATCH (HMA BINDER IL-19 mm)	4% @ 70 GYR.
TEMPORARY PAVEMENT	
HMA SURFACE COURSE, MIX "D", N50; (IL 9.5mm); 2"	
TEMP PAVEMENT (HMA BINDER IL-19mm); 6"	4% @ 50 GYR.

• THE UNIT WEIGHT TO CALCULATE ALL HMA SURFACE MIXTURES IS 112 LBS/SQ YD/IN
 • THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SPECIAL PROVISIONS.
 • NOTE: CONTRACTOR SHALL MILL BEFORE PATCHING

2/22/2013

2/20/2013 3:03:09 PM
 CLIENT: MCHENRY COUNTY
 DATE PLOTTED: 2/22/2013 10:00 AM
 PLOT DRIVER: HPGLASER
 PEN TABLE: STANDARD



USER NAME = whood	DESIGNED - JRM	REVISED -
FILE NAME = 080622-tye-03.dgn	DRAWN - SMP	REVISED -
PLOT SCALE = N.T.S.	CHECKED - TH	REVISED -
PLOT DATE = 2/20/2013	DATE - 2/20/13	REVISED -

**MCHENRY COUNTY
 DIVISION OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS
 JOHNSBURG ROAD**

SCALE: N.T.S. SHEET NO. 3 OF 5 SHEETS STA. TO STA.

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS NO.	SHEET NO.
168	05-00314-00-NR	MCHENRY	187	18
CONTRACT NO. 63515				