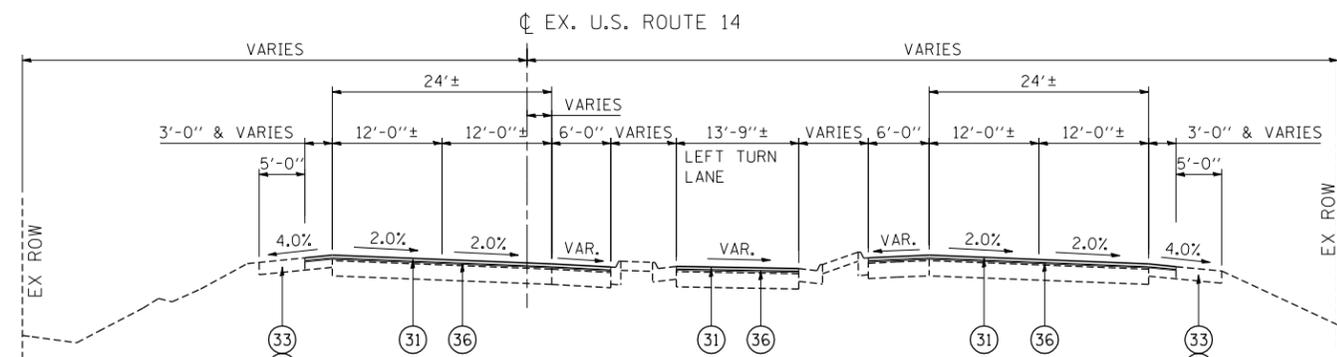
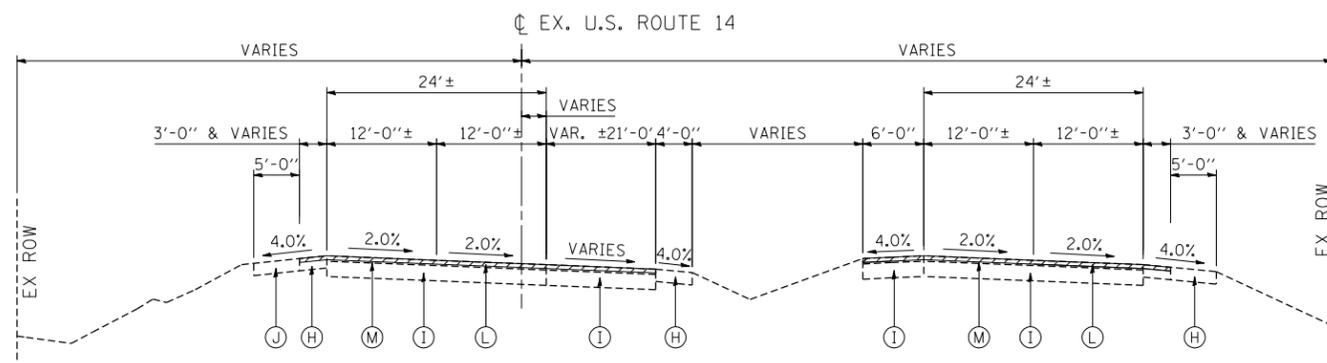


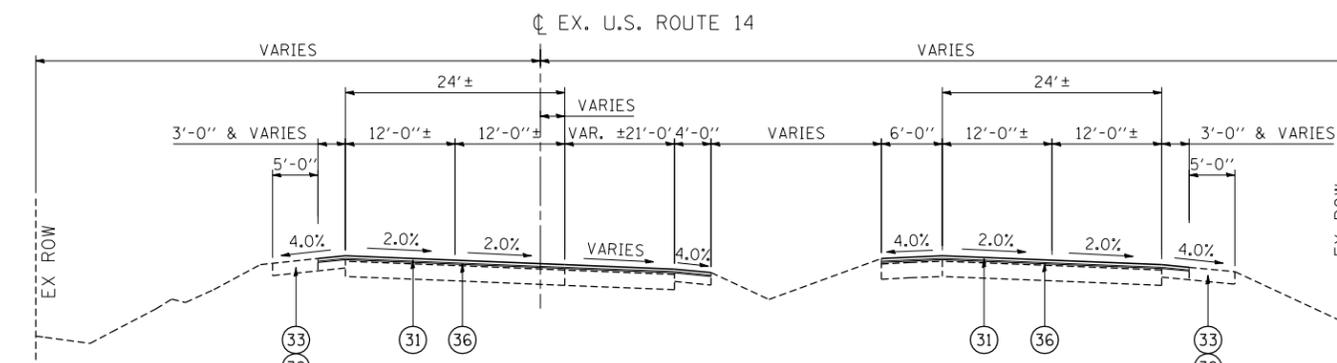
EXISTING TYPICAL SECTION  
FROM STA. 154+55± TO STA. 158+97±



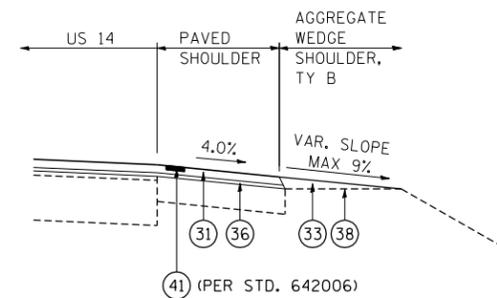
PROPOSED TYPICAL SECTION  
FROM STA. 154+55± TO STA. 158+97±



EXISTING TYPICAL SECTION  
FROM STA. 158+97± TO STA. 161+50±



PROPOSED TYPICAL SECTION  
FROM STA. 158+97± TO STA. 161+50±



DETAIL P  
SHOULDER RESURFACING TREATMENT

- NOTES:**
- EXISTING DIMENSIONS SHOWN ARE FROM RECORD PLANS. ACTUAL DIMENSIONS MAY VARY.
  - EXISTING THICKNESSES SHOWN ARE FROM RECORD PLANS AND PAVEMENT CORES. ACTUAL THICKNESSES MAY VARY.
  - THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ.YD./IN.

- EXISTING LEGEND**
- (A) HMA PAVEMENT (VARIES 8" TO 12")
  - (B) PCC PAVEMENT (VARIES 6 1/2" TO 8 1/4")
  - (C) HMA PAVEMENT (4 1/2" AND VARIES)
  - (D) HMA PAVEMENT (5" AND VARIES)
  - (E) HMA PAVEMENT (6" AND VARIES)
  - (F) CONCRETE MEDIAN SURFACE
  - (G) CONCRETE CURB & GUTTER
  - (H) HMA SHOULDER (8" & VARIES)
  - (I) PCC BASE COURSE (10")
  - (J) AGGREGATE SHOULDER
  - (K) HMA SURFACE REMOVAL (VARIABLE DEPTH)
  - (L) HMA SURFACE REMOVAL (2 1/4" MIN - COLD MILL)
  - (M) HMA BINDER AND SURFACE CSE (3 1/2" & VARIES)
- PROPOSED LEGEND**
- (1) P.C.C. PAVEMENT 9 3/4" JOINTED
  - (2) STABILIZED SUBBASE (HMA) 4 1/2"
  - (3) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1 1/2"
  - (4) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2 1/2"
  - (5) COMB CC&G TB6.12
  - (6) COMB CC&G TB6.24
  - (7) PCC SHOULDERS, 9 3/4"
  - (8) COURSE AGGREGATE FILL
  - (9) HMA SHOULDERS, 8"
  - (10) CONCRETE MEDIAN, TYPE SB (SPECIAL)
  - (11) CONCRETE MEDIAN SURFACE 4"
  - (12) TOPSOIL 6"
  - (13) AGGREGATE SHOULDER, TYPE B 6"

- (14) LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS @ 30" CTS
- (15) LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS @ 24" CTS
- (16) NO. 6 TIE BARS @ 24" CTS
- (17) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (18) STRIP REFLECTIVE CRACK CONTROL TREATMENT
- (19) HOT MIX-ASHPALT BASE COURSE WIDENING 6 1/4"
- (20) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (21) HOT-MIX ASPHALT BASE COURSE WIDENING 7"
- (22) AGGREGATE BASE COURSE, TYPE B 10" (SEE NOTE 14 SHEET 3)
- (23) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 8 1/4"  
HMA SURFACE COURSE, MIX "D", N70, 2"  
HMA BINDER COURSE, IL-19.0, N70, 6 1/4"
- (24) LONGITUDINAL CONSTRUCTION JOINT WITH NO. 8 DOWEL BAR @ 24" CTS
- (25) HMA DRIVEWAY (SEE DISTRICT DETAIL BD-01)
- (26) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9"  
HMA SURFACE COURSE, MIX "D", N70, 2"  
HMA BINDER COURSE, IL-19.0, N70, 7"
- (27) SODDING OR SEEDING (SEE LANDSCAPING PLANS)
- (28) TOPSOIL 18"
- (29) AGGREGATE SHOULDER, TYPE B 8"
- (30) CORRUGATED MEDIAN
- (31) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 1 1/2"
- (32) P.C.C. BASE COURSE WIDENING 10"
- (33) AGGREGATE WEDGE SHOULDER, TYPE B
- (34) COMB CC&G TM4.06
- (35) COMB CC&G TM4.24
- (36) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, (3/4" & VARIES)
- (37) TOPSOIL 24"
- (38) GRADING AND SHAPING SHOULDERS
- (39) AGGREGATE SURFACE COURSE, TYPE B SPECIAL 2"
- (40) AGGREGATE BASE COURSE, TYPE B 6"
- (41) SHOULDER RUMBLE STRIPS, 8 INCH

FILE NAME = ... USER NAME = HECHTBR ... DESIGNED - ... REVISED - ...  
 DRAWN - MRK ... REVISED - ...  
 CHECKED - BRH ... REVISED - ...  
 DATE - 11/01/13 ... REVISED - ...

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 U.S. ROUTE 14

**EXISTING AND PROPOSED TYPICAL SECTIONS**  
**U.S. ROUTE 14 - III**  
 SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	17
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62268	