

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2830	01-00133-08-BR	WILL	37	4
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 83989				

TYPICAL SECTION LEGEND

- ① EXISTING PAVEMENT
- ② EXIST. SHOULDER (REMOVAL - PAID AS EARTH EXCAVATION)
- ③ PAVEMENT REMOVAL
- ④ PROP. HOT-MIX ASPHALT SURFACE COURSE MIX "D" N50 2"
- ⑤ PROP. HOT-MIX ASPHALT BINDER COURSE IL - 19.0, N50 4"
- ⑥ PROP. SUBBASE GRANULAR MATERIAL, TYPE B 10"
- ⑦ PROP. SHOULDER, SEE NOTE BELOW
- ⑧ PROP. TOPSOIL FURNISH & PLACE 4" WITH SEEDING CLASS 1A
- ⑨ PROP. POROUS GRANULAR EMBANKMENT, SUBGRADE
- ⑩ GUARDRAIL REMOVAL
- ⑪ PROP. STEEL PLATE BEAM GUARDRAIL, TYPE A

INDICATES ITEMS TO BE REMOVED

- NOTE:
- 1) PROPOSED HOT MIX ASPHALT SHOULDER, 8" STA. 104+00 TO 104+58, OFF. 12' LEFT STA. 104+42 TO 104+72, OFF. 12' RIGHT STA. 105+52 TO 105+82, OFF. 12' RIGHT
 - 2) PROPOSED AGGREGATE SHOULDERS, TYPE B, 8" AT ALL OTHER LOCATIONS.
 - 3) LOCATIONS OF GUARDRAIL REMOVAL STA. 103+57 TO 104+58, OFF. 20' LEFT STA. 105+36 TO 105+65, OFF. VARIES LEFT STA. 103+80 TO 104+80, OFF. 20' RIGHT STA. 105+59 TO 106+61, OFF. 20' RIGHT
 - 4) LOCATION OF PROPOSED STEEL PLATE BEAM GUARDRAIL, TYPE A STA. 102+94 TO 104+03, OFF. 20' LEFT STA. 105+31 TO 105+71, OFF. VARIES LEFT STA. 103+04 TO 104+48, OFF. 20' RIGHT STA. 105+54 TO 105+62, OFF. 20' RIGHT

"POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) AND GEOTECHNICAL FABRIC FOR GROUND STABILIZATION HAS BEEN PROVIDED FOR USE AT LOCATIONS WHERE SOILS TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES OVER GEOTECHNICAL FABRIC FOR GROUND STABILIZATION WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.03 AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. IF UNSUITABLE AND/OR UNSTABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO COMPENSATION WILL BE DUE THE CONTRACTOR."

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AC TYPE	AIR VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	PG 64-22	4% @ 50 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	PG 64-22	4% @ 50 Gyr
HOT-MIX ASPHALT DRIVEWAY	PG 64-22	4% @ 50 Gyr
HOT-MIX ASPHALT SHOULDERS	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 USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN

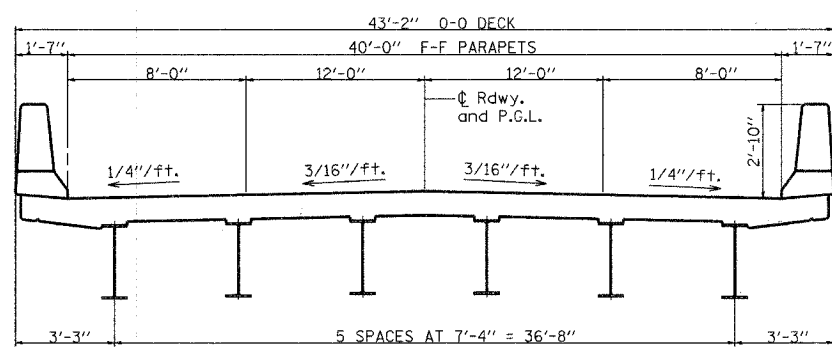
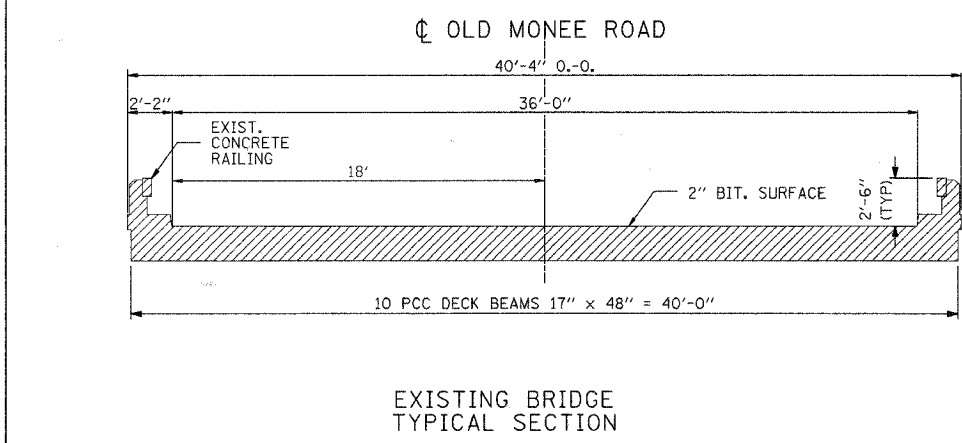
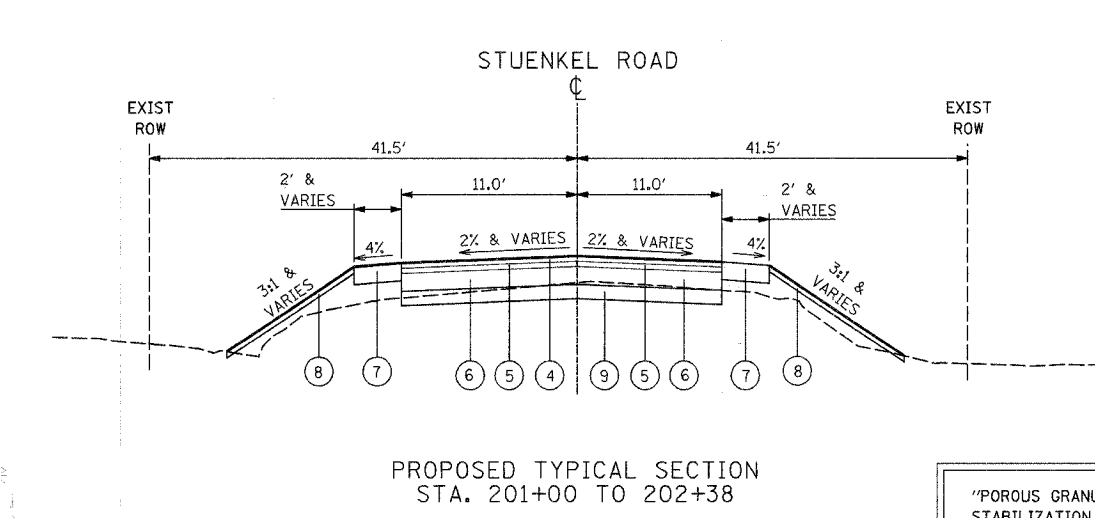
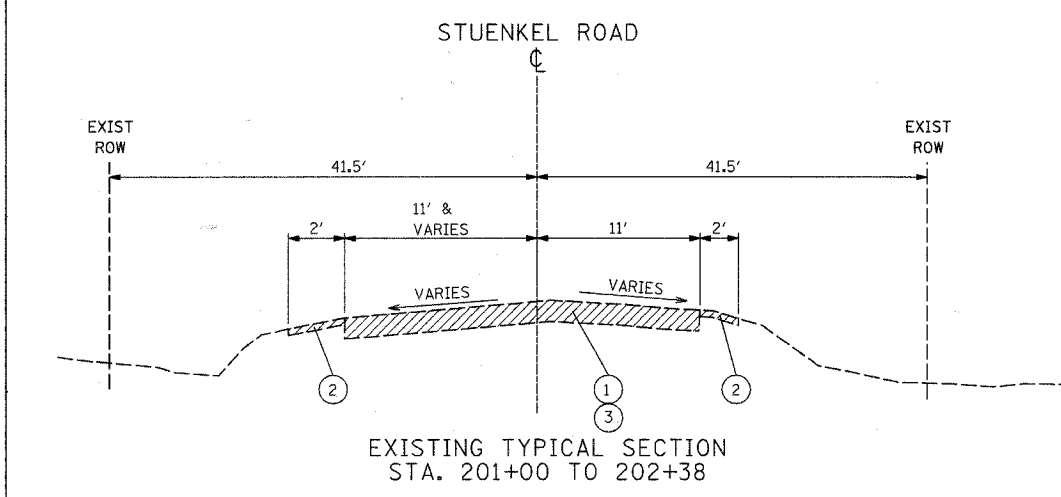
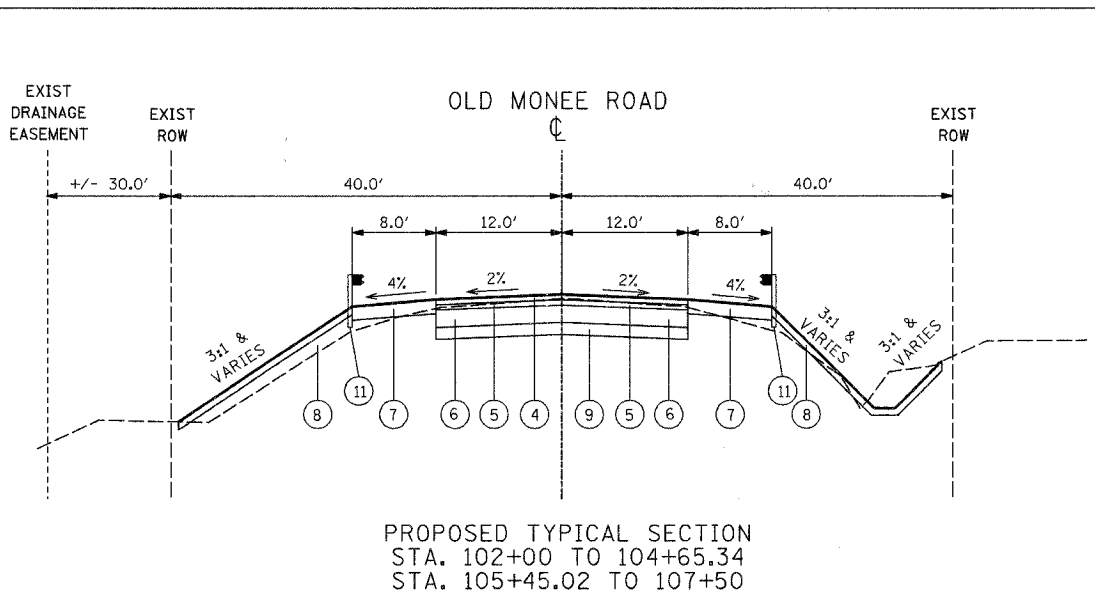
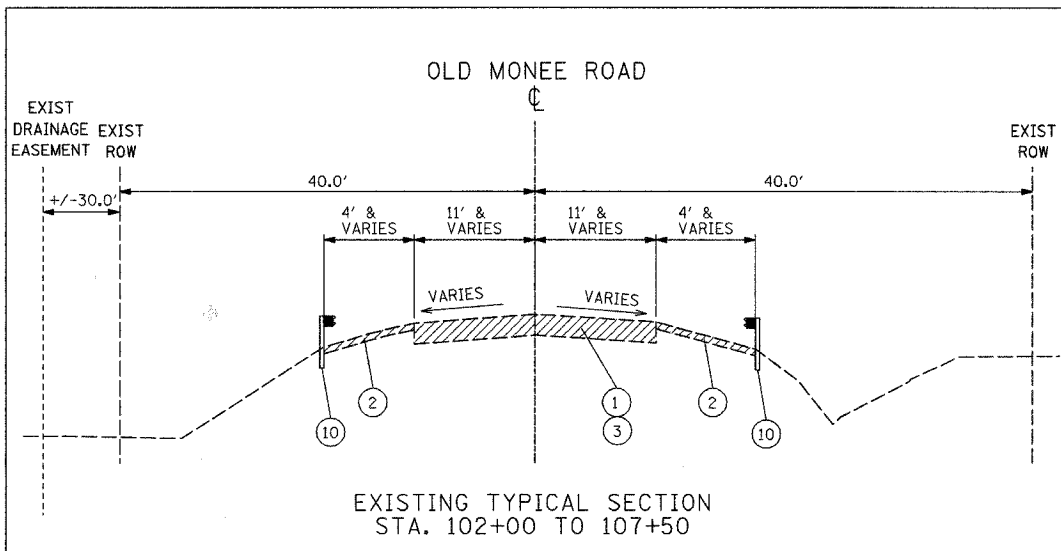
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
OLD MONEE ROAD
OVER THORN CREEK

SCALE: VERT. N/A
HORIZ. N/A
DATE: 11/26/07

DRAWN BY: MDJ
CHECKED BY: CT



PLOT DATE = 11/27/07
 PLOT USER = M:\p000\sim\112804\08055 WILL Old Monee Road\road\trans\typsecta\08055-089.dgn
 PLOT SCALE = 1:20
 USER NAME = wood