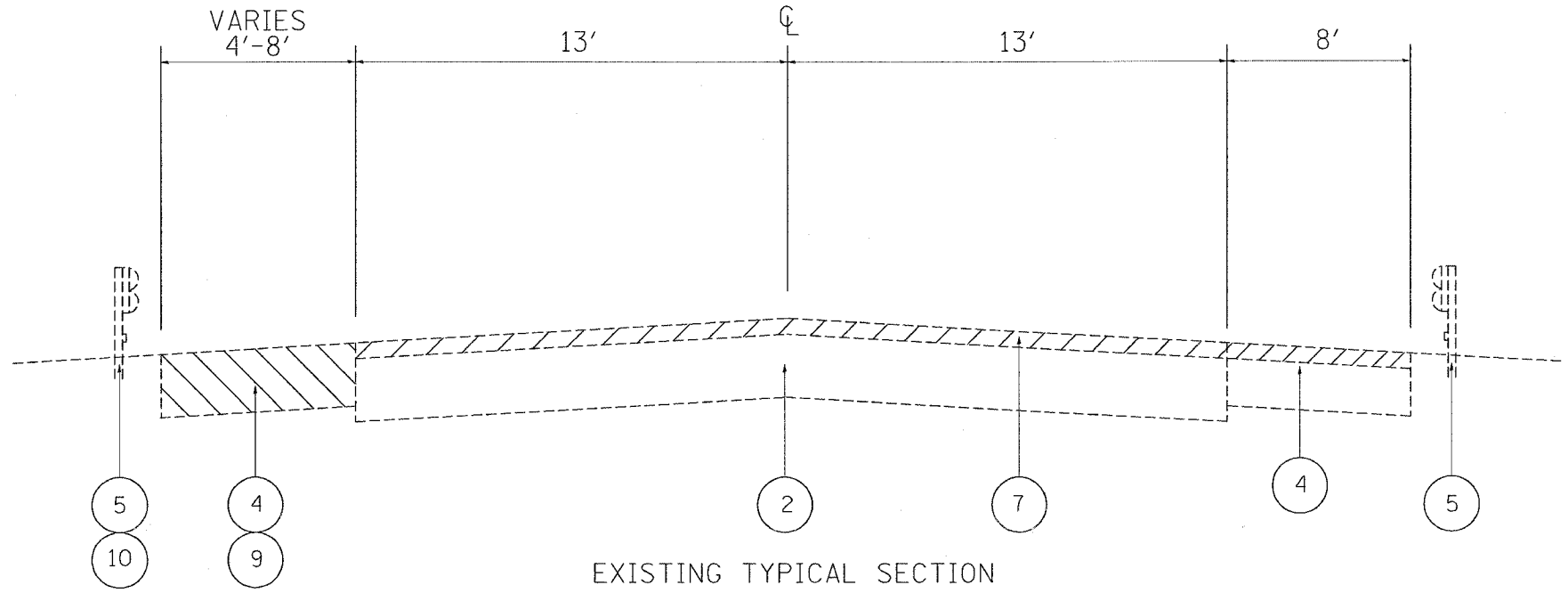
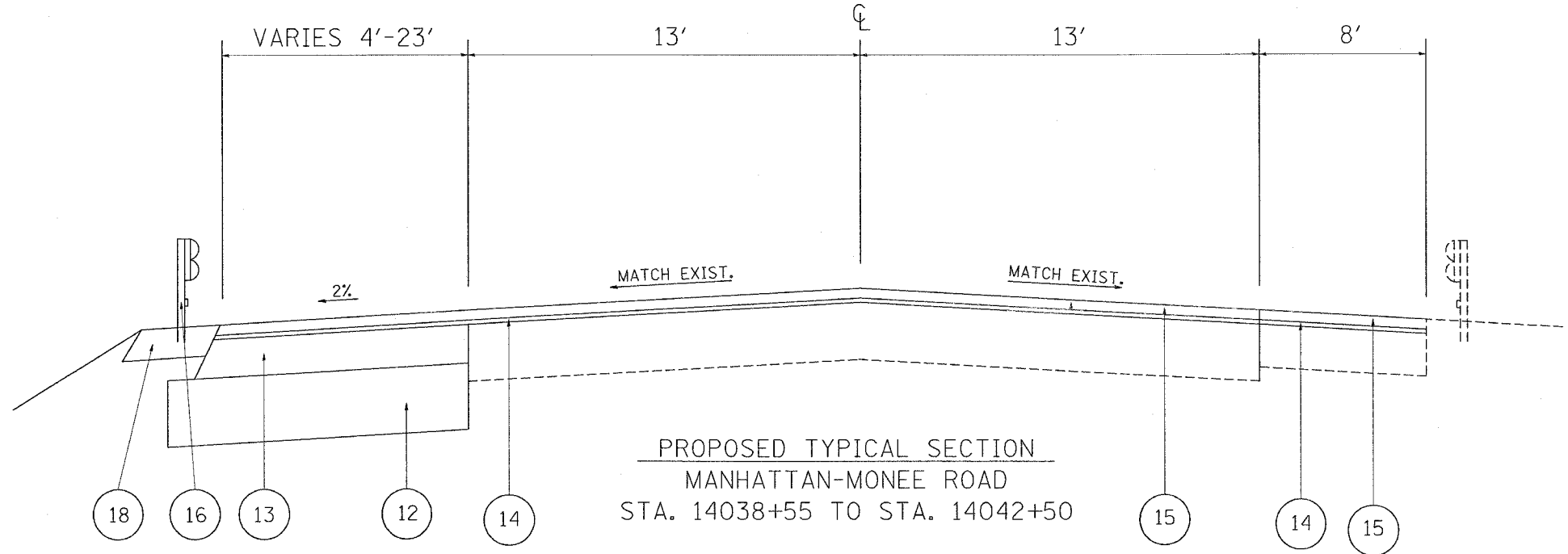


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	99-1-N	WILL	52	7
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

CONTRACT NO. 62834



EXISTING TYPICAL SECTION
MANHATTAN-MONEE ROAD
STA. 14038+55 TO STA. 14042+50



PROPOSED TYPICAL SECTION
MANHATTAN-MONEE ROAD
STA. 14038+55 TO STA. 14042+50

LEGEND

- ① EXISTING P.C.C. PAVEMENT, 10.5"
- ② EXISTING BITUMINOUS PAVEMENT, 14"
- ③ EXISTING BITUMINOUS OVERLAY, 4"
- ④ EXISTING BITUMINOUS SHOULDER, 12"
- ⑤ EXISTING GUARDRAIL
- ⑥ EXISTING CURB AND GUTTER
- ⑦ PROPOSED BITUMINOUS SURFACE REMOVAL, 2 1/2 "
- ⑧ PROPOSED PAVEMENT REMOVAL
- ⑨ PROPOSED BITUMINOUS SHOULDER REMOVAL
- ⑩ PROPOSED CURB AND GUTTER REMOVAL
- ⑪ PROPOSED GUARDRAIL REMOVAL
- ⑫ PROPOSED AGGREGATE SUB-GRADE, 12"
- ⑬ PROPOSED BITUMINOUS BINDER COURSE, SUPERPAVE IL-19.0, N90, 8 1/2 "
- ⑭ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD) SUPERPAVE, IL-4.75, N50, 3/4 "
- ⑮ PROPOSED POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "F", N90, 1 3/4 "
- ⑯ PROPOSED STEEL PLATE BEAM GUARDRAIL, TYPE B
- ⑰ PROPOSED COMBINATION CURB AND GUTTER-TYPE B-6.18
- ⑱ PROPOSED BITUMINOUS SHOULDER, 6"
- ⑲ PROPOSED PGES, 24"
- ⑳ PROPOSED PIPE UNDERDRAINS, 4" (STA 14044+40 TO STA 14046+42)

SUBGRADE TREATMENT PLAN NOTES

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

STA 14044+40 TO STA 14046+42, 24" DEPTH

EMBANKMENT MATERIAL AND PLACEMENT SHALL BE IN ACCORDANCE WITH SECTIONS 205, 206, 207 AND 210
PGES- POROUS GRANULAR EMBANKMENT, SUBGRADE.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 57/ I-57
@ MANHATTAN-MONEE ROAD
EXISTING/ PROPOSED
TYPICAL SECTIONS

SCALE: VERT. _____
HORIZ. _____
DATE _____

DRAWN BY _____
CHECKED BY _____

PLOT DATE = 10/26/2005
 PLOT SCALE = 43.3333' / IN.
 REFERENCE = BREF