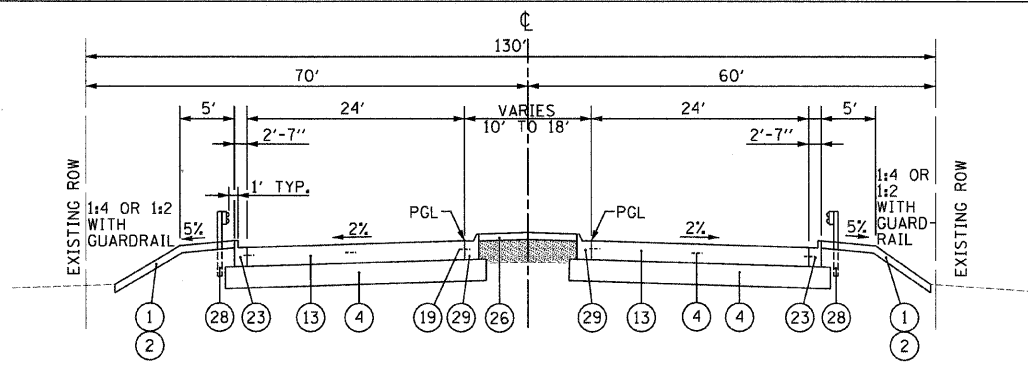
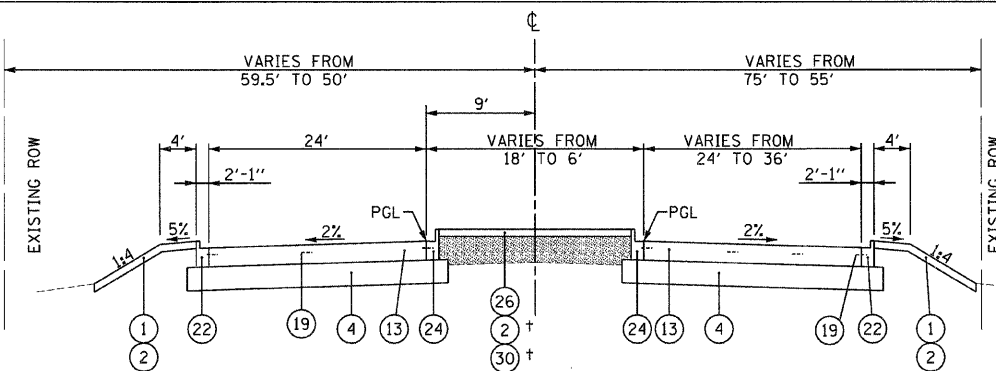


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		WILL	303	17
STA. 14030+42 TO STA. 14050+61				
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
CONTRACT No. 62253		+99027 R-389-1HB-1-BR-2		

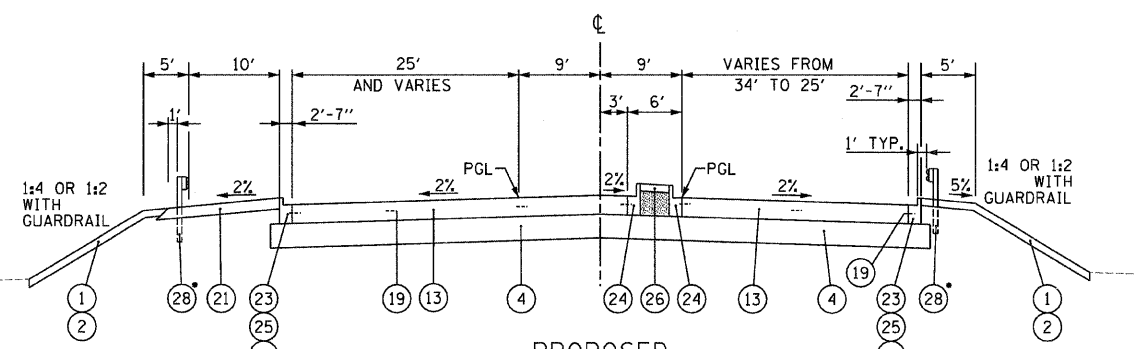


PROPOSED TYPICAL SECTION
MANHATTAN-MONEE ROAD
⑥ STA. 14030+42 TO STA. 14032+50

• GUARDRAIL NOT PRESENT IN ALL LOCATIONS



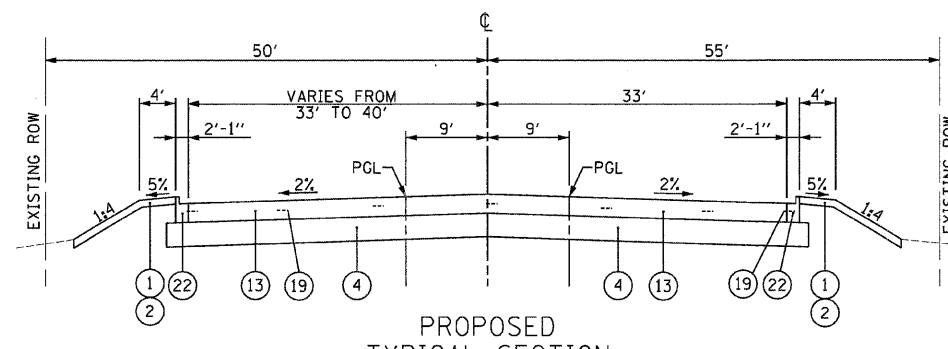
PROPOSED TYPICAL SECTION
MANHATTAN-MONEE ROAD
⑩ STA. 14042+00 TO STA. 14045+61
+ STA. 14042+23 TO STA. 14044+60



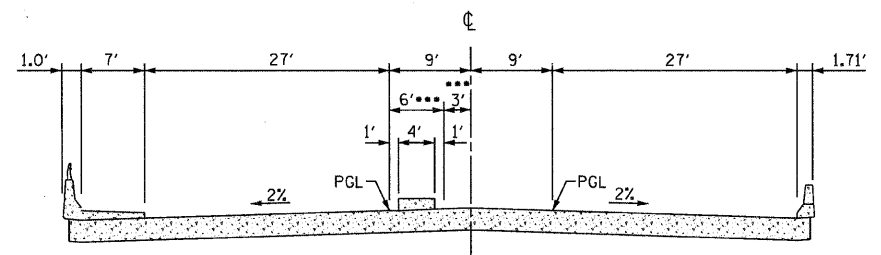
PROPOSED TYPICAL SECTION
MANHATTAN-MONEE ROAD
⑦ STA. 14032+50 TO STA. 14035+08*

* BRIDGE APPROACH AND TRANSITION PAVEMENTS STA. 14035+08 - 14036+32 (SEE CONSTRUCTION DETAILS SHEETS FOR MORE INFO.)

• GUARDRAIL NOT PRESENT IN ALL LOCATIONS
•• FOR LOCATION OF CURB AND GUTTER TRANSITION, SEE PLANS.

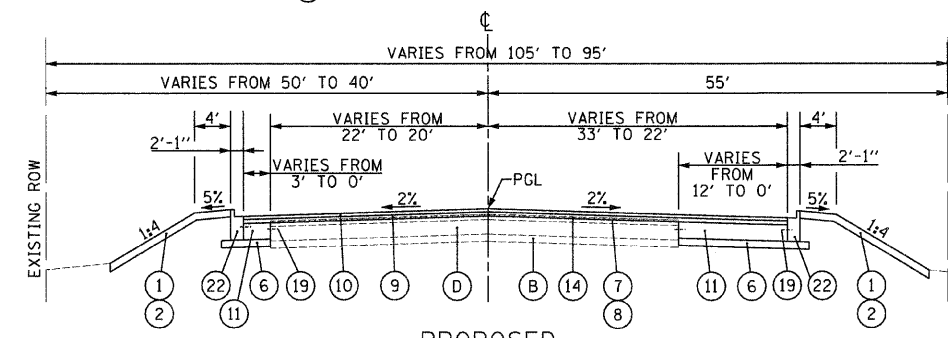


PROPOSED TYPICAL SECTION
MANHATTAN-MONEE ROAD
⑪ STA. 14045+61 TO STA. 14046+65.00



PROPOSED TYPICAL SECTION
MANHATTAN-MONEE ROAD
⑧ STA. 14036+32 TO STA. 14038+55

PROPOSED BRIDGE, SEE STRUCTURAL PLANS FOR DETAILS INCLUDING BEAM SPACING
•••MEDIAN LOCATION VARIES, SEE ROADWAY PLAN SHEETS FOR LOCATIONS.



PROPOSED TYPICAL SECTION
MANHATTAN-MONEE ROAD
⑫ STA. 14046+65.00 TO STA. 14050+81.74

- EXISTING LEGEND:**
- (A) EXISTING SUB-BASE GRANULAR MATERIAL, TYPE C, 4" AND VARIES
 - (B) EXISTING STABILIZED SUB-BASE, 4" AND VARIES
 - (C) EXISTING HOT-MIX ASPHALT PAVEMENT, 3" AND VARIES
 - (C2) EXISTING HOT-MIX ASPHALT PAVEMENT, 3/4" AND VARIES
 - (D) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 8" AND VARIES
 - (E) EXISTING CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 8" AND VARIES
 - (F) EXISTING AGGREGATE SHOULDERS
 - (G) EXISTING HOT-MIX ASPHALT SHOULDER, 8" AND VARIES
 - (H) EXISTING HOT-MIX ASPHALT SHOULDER, 10" AND VARIES (WHEN NO GUARDRAIL IS PRESENT - HOT-MIX ASPHALT, 3" - AGGREGATE BASE, 5" AND VARIES)
 - (I) EXISTING HOT-MIX ASPHALT SHOULDER, 10" AND VARIES
 - (J) EXISTING HOT-MIX ASPHALT STABILIZATION, 6" AND VARIES (WHEN GUARDRAIL IS PRESENT)
 - (K) EXISTING STABILIZED SHOULDER, 8" AND VARIES
 - (K2) EXISTING STABILIZED SHOULDER, 11" AND VARIES
 - (L) EXISTING COMBINATION CONCRETE CURB AND GUTTER
 - (M) EXISTING STEEL PLATE BEAM GUARDRAIL
- PROPOSED LEGEND:**
- (1) TOPSOIL EXCAVATION AND PLACEMENT, 4"
 - (2) SEEDING, CLASS 2A, 3, 4 (SEE LANDSCAPING SHEETS FOR AREAS)
 - (3) STABILIZED SUB-BASE - HOT - MIX ASPHALT, 4 1/2" (IN 2 LIFTS)
 - (4) AGGREGATE SUBGRADE 12"
 - (5) AGGREGATE SUBGRADE 14.25"
 - (6) SUBBASE GRANULAR MATERIAL TYPE B, 4"
 - (7) BITUMINOUS MATERIALS (PRIME COAT)
 - (8) AGGREGATE (PRIME COAT)
 - (9) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, VARIES 1" TO 4.5"
 - (10) POLYMERIZED HOT - MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 1/2"
 - (11) PCC BASE COURSE, 12"
 - (12) HOT - MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
 - (13) PORTLAND CEMENT CONCRETE PAVEMENT, 11" (JOINTED)
 - (14) HOT - MIX ASPHALT SURFACE REMOVAL, 1"
 - (15) HOT - MIX ASPHALT SURFACE REMOVAL, 2 3/4"
 - (16) NOT USED
 - (17) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 12 3/4"
 - (18) SAW CUTS (INCIDENTAL TO REMOVAL ITEMS)
 - (19) TIE BARS PER STANDARD 420101 (INCLUDED IN PAVEMENT ITEMS)
 - (20) AGGREGATE SHOULDERS, TYPE B, 6"
 - (21) HOT - MIX ASPHALT SHOULDERS, 8"
 - (22) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
 - (23) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - (24) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12
 - (25) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
 - (26) CONCRETE MEDIAN SURFACE, 6"
 - (27) CORRUGATED MEDIAN
 - (28) STEEL PLATE BEAM GUARDRAIL, TYPE A
 - (29) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12
 - (30) TOPSOIL EXCAVATION AND PLACEMENT, 24"
 - (31) PORTLAND CEMENT CONCRETE SHOULDERS, 11"
 - (32) PIPE UNDERDRAINS, 4"

SECTIONS ⑥ ⑦ ⑧ ⑩ ⑪

STRUCTURAL DESIGN TRAFFIC: YEAR 2014

PV= 17,089 SU = 1,823 MU = 3,874

ROAD/STREET CLASSIFICATION: CLASS 1

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:

P = 75.0% S = 8.0% M = 17.0%

TRAFFIC FACTOR: ACTUAL TF = 26.65
MINIMUM TF = 6.03

SUBGRADE SUPPORT RATING
SSR = POOR

SECTION ⑫

STRUCTURAL DESIGN TRAFFIC: YEAR 2014

PV= 17,089 SU = 1,823 MU = 3,874

ROAD/STREET CLASSIFICATION: CLASS 1

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:

P = 75.0% S = 8.0% M = 17.0%

TRAFFIC FACTOR: ACTUAL TF = 19.01 AC TYPE = 10
MINIMUM TF = 4.27

PG GRADE: BINDER = 64-22 SURFACE = 64-22

SUBGRADE SUPPORT RATING
SSR = POOR

- NOTES:**
- 1.) EXISTING PAVEMENT WIDTHS SHOWN ARE NOMINAL AND MAY VARY SLIGHTLY FROM THE DIMENSIONS INDICATED.
 - 2.) STATIONING LIMITS SHOWN HERE ARE APPROXIMATE.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD
PROPOSED TYPICAL SECTIONS
MANHATTAN - MONEE ROAD
STA. 14030+42 TO STA. 14050+81.74
SCALE: VERT. NTS
HORIZ. DATE 9/19/2008
DRAWN BY ML, BDC, NS
CHECKED BY TMW

DESIGN FIRM REGISTRATION
No. 184-000450
118 SOUTH CLINTON STREET
SUITE 600
CHICAGO, IL 60661
PHONE : 312.648.9900
FAX : 312.648.0204

P:\022331\p\lana\monee\sta\14030+42\SS10\05.dgn 8/17/2008