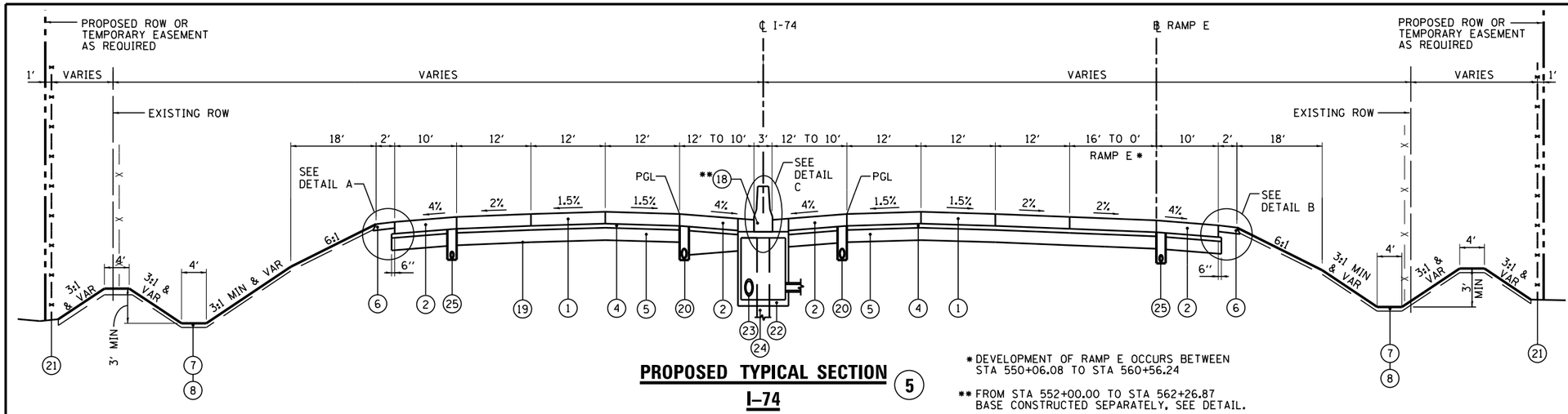
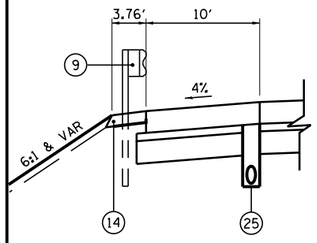


PROPOSED TYPICAL SECTION 5
I–74

STA 548+84.59 TO STA 562+26.87
BRIDGE OMISSION
STA 558+10.07 TO STA 559+40.49

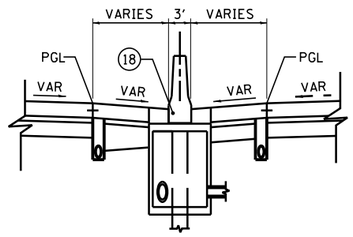
* DEVELOPMENT OF RAMP E OCCURS BETWEEN STA 550+06.08 TO STA 560+56.24

** FROM STA 552+00.00 TO STA 562+26.87 BASE CONSTRUCTED SEPARATELY, SEE DETAIL.



DETAIL A

STA 555+78.55 TO STA 557+20.37
STA 558+79.50 TO STA 566+62.55
STA 570+01.61 TO STA 576+46.91



DETAIL C

STA 521+00.00 TO STA 561+00

PAVEMENT DESIGN I–74

STRUCTURAL DESIGN TRAFFIC: Year 2024

PV = 47,366 SU = 1,361 SU = 6,594

ROAD CLASSIFICATION CLASS I

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:

P = 20% S = 40% M = 40%

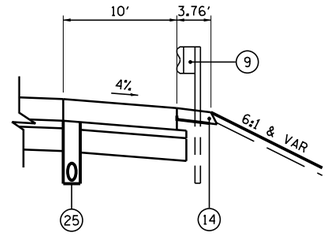
TRAFFIC FACTOR: Actual TF = 38.33 AC Type = N/A

Minimum TF = 8.93

PG GRADE: Binder = N/A Surface = N/A

SUBGRADE SUPPORT RATING:

SSR = POOR (Sta. 464+54.59 to 609+62.79)

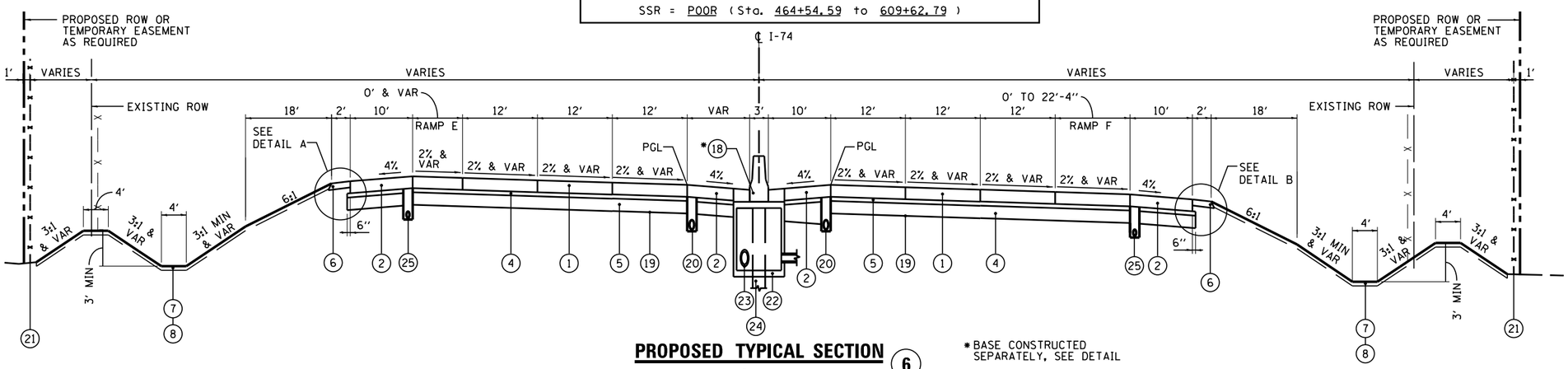


DETAIL B

STA 553+84.50 TO STA 558+70.44
STA 560+29.65 TO STA 567+30.30
STA 570+72.07 TO STA 574+15.52

PROPOSED LEGEND:

1. CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 11''
2. PORTLAND CEMENT CONCRETE SHOULDERS 11''
3. CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
4. STABILIZED SUBBASE - HOT-MIX ASPHALT, 4''
5. AGGREGATE SUBGRADE IMPROVEMENT 12''
6. AGGREGATE SHOULDERS, TYPE B 6''
7. TOPSOIL EXCAVATION AND PLACEMENT, 4''
8. SEEDING, CLASS _ (SEE EROSION AND SEDIMENT CONTROL PLANS)
9. STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
10. PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4'' (JOINTED)
11. PORTLAND CEMENT CONCRETE PAVEMENT 10'' (JOINTED)
12. PORTLAND CEMENT CONCRETE SHOULDERS 10 1/4''
13. PORTLAND CEMENT CONCRETE SHOULDERS 10''
14. GUARDRAIL AGGREGATE EROSION CONTROL
15. CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT
16. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
17. NOT USED
18. CONCRETE BARRIER, DOUBLE FACE, 48 INCH HEIGHT
19. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
20. PIPE UNDERDRAINS 6''
21. CHAIN LINK FENCE, 4'
22. DRAINAGE STRUCTURE - TYPE 4, TY20 GRATE
23. STORM SEWER (SIZE VARIES)
24. LIGHT POLE FOUNDATION (SEE LIGHTING PLANS)
25. PIPE UNDERDRAINS 4''



PROPOSED TYPICAL SECTION 6
I–74

STA 562+26.87 TO STA 585+11.87 (WB)
STA 562+26.87 TO STA 578+78.82(EB)
BEGIN TR 2.0% LANE AT PC STA 560+25.00
BEGIN TR 1.5% LANE AT PC STA 560+55.00
BEGIN SE RUNOFF AT PC STA 561+45.00
END SE RUNOFF AT PC STA 562+65.00
BRIDGE OMISSION STA 567+10.54 TO STA 570+22.70

* BASE CONSTRUCTED SEPARATELY, SEE DETAIL

NOTE:
SUPER ELEVATION TRANSITION STATIONS SHOWN ARE FOR EB I-74. SEE DETAIL SHEET FOR FULL SE TRANSITION DETAILS.

NOTE:
SEE CROSS SECTIONS FOR DETAILED GRADING

FILE NAME =	DESIGNED - EJA	REVISED -
...\D468620-sht_Pr_Typ_I-74_03.dgn	DRAWN - TMB	REVISED -
USER NAME = tblank	CHECKED - JNR	REVISED -
PLOT DATE = 7/17/2012	DATE - JULY 20, 2012	REVISED -

benesch engineers · scientists · planners

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS
I–74

SCALE: NTS | SHEET NO. 3 OF 4 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	90-(14R;(14HB-4,14,14HVB)BR)	TAZEWELL	2433	53
		CONTRACT NO. 68620		
	ILLINOIS FED. AID PROJECT			