

**PROPOSED TYPICAL SECTION**  
**I-74**

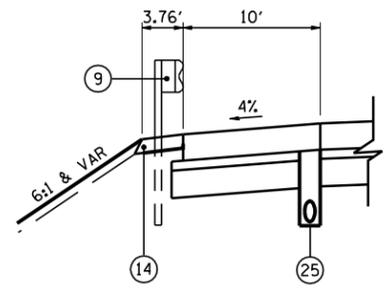
STA 489+25.32 TO STA 523+04.86

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\* DEVELOPMENT OF RAMP F CONTINUES TO STA 524+76.25  
\*\* FROM STA 490+00.00 TO STA 517+80.78  
BASE CONSTRUCTED SEPARATELY, SEE DETAIL.

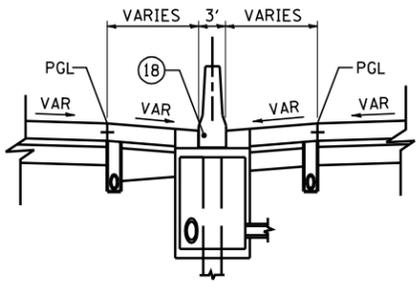
**PAVEMENT DESIGN I-74**

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)	



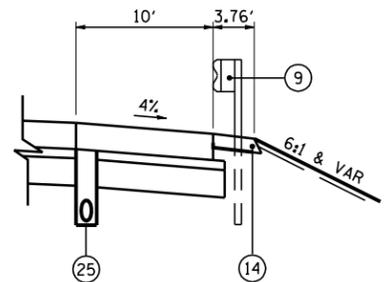
**DETAIL A**

STA 489+25.09 TO STA 496+67.77  
STA 508+06.50 TO STA 510+11.79  
STA 541+16.88 TO STA 543+63.51



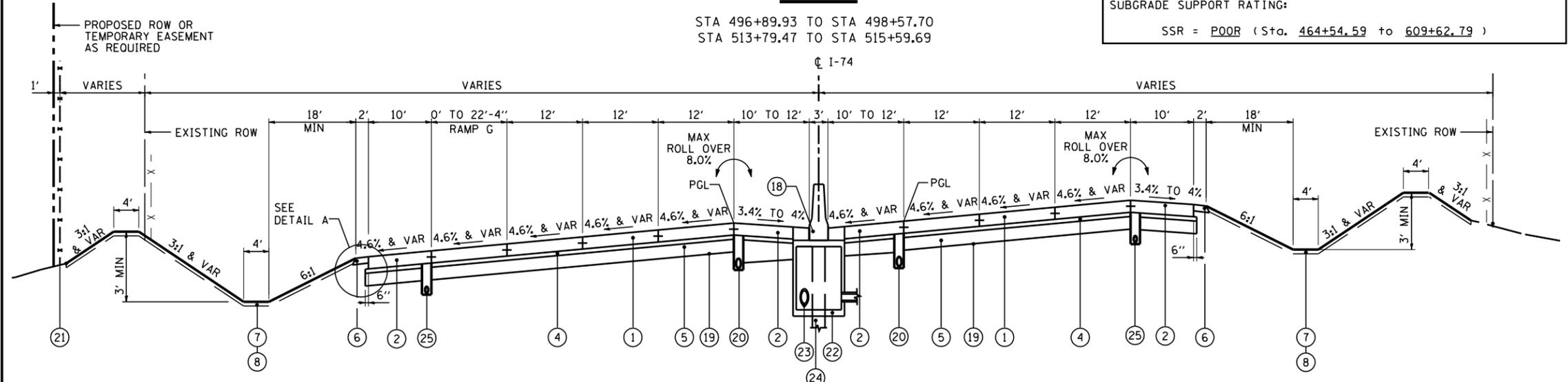
**DETAIL B**

STA 521+00.00 TO STA 561+00



**DETAIL C**

STA 496+89.93 TO STA 498+57.70  
STA 513+79.47 TO STA 515+59.69



**PROPOSED TYPICAL SECTION**  
**I-74**

STA 523+04.86 TO STA 548+84.59  
BEGIN TR 2.0% LANE AT PC STA 519+25.00  
BEGIN TR 1.5% LANE AT PC STA 519+62.50  
BEGIN SE RUNOFF AT PC STA 520+75.00  
END SE RUNOFF AT PC STA 524+20.00  
BEGIN SE RUNOFF AT PT STA 547+94.00  
END SE RUNOFF AT PT STA 550+70.00  
END TR 1.5% LANE AT PT STA 551+60.00  
END TR 2.0% LANE AT PT STA 551+90.00

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

- 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"

**NOTE:**  
SEE CROSS SECTIONS FOR DETAILED GRADING

FILE NAME =	DESIGNED - EJA	REVISED -
...\\D468620-shd.Pr.Typ-I-74.02.dgn	DRAWN - TMB	REVISED -
USER NAME = jreamillo	CHECKED - JNR	REVISED -
PLOT DATE = 7/26/2012	DATE - JULY 20, 2012	REVISED -



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

<b>PROPOSED TYPICAL SECTIONS</b>			
<b>I-74</b>			
SCALE: NTS	SHEET NO. 2 OF 4 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90-I14R(14HB-4,14,14HVB)BR1	TAZEWELL		2433	52
			CONTRACT NO. 68620	
ILLINOIS FED. AID PROJECT				