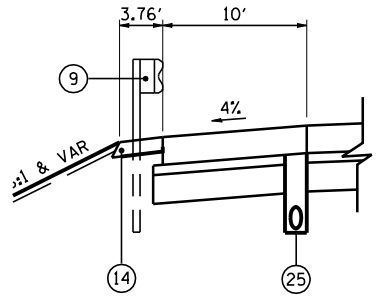


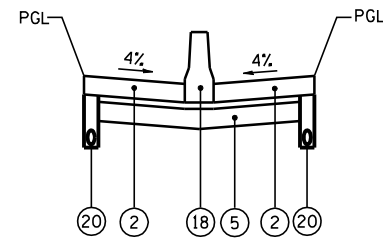
**PROPOSED / EXISTING TYPICAL SECTION 1**  
**I-74**

STA 464+54.67 TO STA 473+00.00



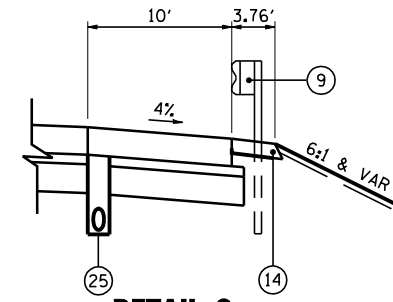
**DETAIL A**

STA 465+77.83 TO STA 469+58.14  
STA 482+57.07 TO STA 484+24.86



**DETAIL B**

STA 467+07.16 TO STA 473+00.00

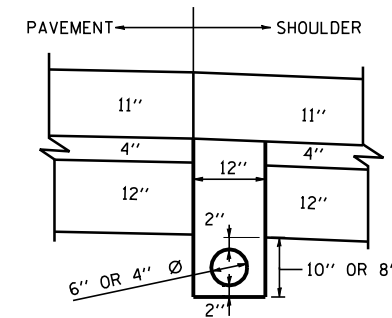


**DETAIL C**

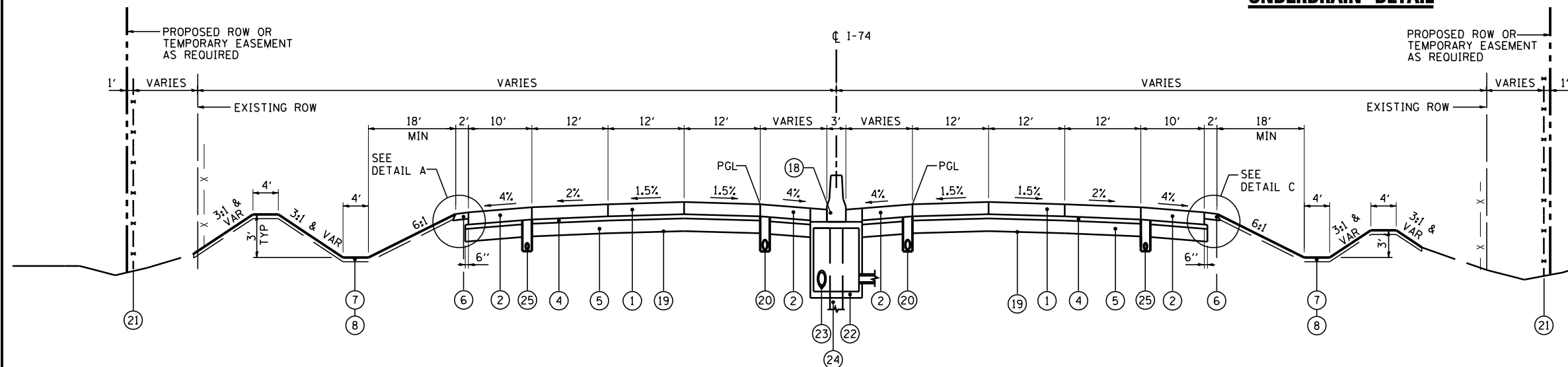
STA 482+66.88 TO STA 487+72.16

**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)



**UNDERDRAIN DETAIL**



**PROPOSED TYPICAL SECTION 2**  
**I-74**

STA 473+00.00 TO STA 489+25.32

**EXISTING LEGEND:**

- (A) EXISTING H.M.A. OVERLAY - VARIES
- (B) EXISTING P.C.C. PAVEMENT 9 1/4" TO 10 1/4"
- (C) EXISTING SUB-BASE GRANULAR MATERIAL 3" TO 6"
- (D) EXISTING GUARDRAIL
- (E) EXISTING P.C.C. SHOULDER 9 1/4" TO 10 1/4"
- (F) EXISTING H.M.A. SHOULDER 8" TO 10"
- (G) EXISTING AGGREGATE SHOULDER TYPE B 6"
- (H) EXISTING PIPE UNDERDRAIN 4"
- (I) EXISTING STABILIZED SUB-BASE, 4"
- (J) EXISTING SUB-BASE GRANULAR MATERIAL, TYPE A, 12"
- (K) EXISTING SUB-BASE GRANULAR MATERIAL, TYPE C
- (L) EXISTING SUB-BASE GRANULAR MATERIAL, TYPE A, 6"
- (M) EXISTING H.M.A. OVERLAY 2 1/2"
- (N) EXISTING H.M.A. OVERLAY 5 1/2"
- (O) EXISTING H.M.A. OVERLAY 5"
- (P) EXISTING CHAIN LINK FENCE

**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 II (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 = ...D468620-shd.Pr.Typ.I-74.01.dgn	DESIGNED - EJA	REVISED -		<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED TYPICAL SECTIONS</b> <b>I-74</b>		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
USER NAME = jreambillo	DRAWN - TMB	REVISED -					90-I4R(14H-4,14,14HVB)BR	TAZEWELL	2433	51	
PLOT DATE = 7/26/2012	CHECKED - JNR	REVISED -			SCALE: NTS	SHEET NO. 1 OF 4 SHEETS	STA.	TO STA.	<b>CONTRACT NO. 68620</b>		ILLINOIS FED. AID PROJECT
	DATE - JULY 20, 2012	REVISED -			• 74 & 155						