

**PROPOSED TYPICAL SECTION 7**  
**I-74**

\*BASE CONSTRUCTED SEPARATELY, SEE DETAIL

**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

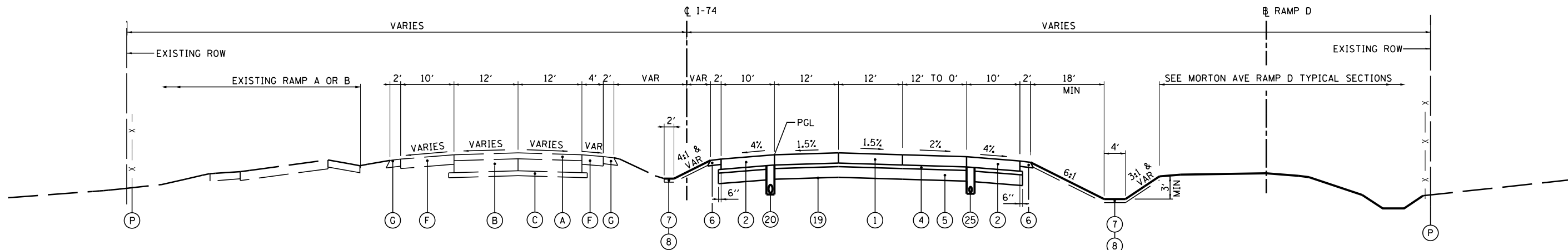
STA 585+11.87 TO STA 589+08.72 (WB)  
 STA 578+78.82 TO STA 591+44.66 (EB)  
 BEGIN SE RUNOFF AT PT STA 591+05.00  
 END SE RUNOFF AT PT STA 592+25.00  
 END TR 1.5% LANE AT PT STA 593+15.00

**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)

**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 /EXISTING TYPICAL SECTION 8**  
**I-74**

\*LANE DROP FROM STA 591+44.66 TO STA 599+84.66

STA 589+08.72 TO STA 609+62.87 (WB)  
 STA 591+44.66 TO STA 609+62.87 (EB)

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

FILE NAME =	DESIGNED - EJA	REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS I-74	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
... \D468620-sh.t_Pr_Typ-I-74_04.dgn	DRAWN - TMB	REVISED -				90-114R(14HB-4,14,14HVB)BR	TAZEWELL	2433	54	
USER NAME = tblank	CHECKED - JNR	REVISED -				CONTRACT NO. 68620				
PLOT DATE = 7/17/2012	DATE - JULY 20, 2012	REVISED -				ILLINOIS FED. AID PROJECT				
SCALE: NTS SHEET NO. 4 OF 4 SHEETS STA. TO STA.						ILLINOIS FED. AID PROJECT • 74 & 155				