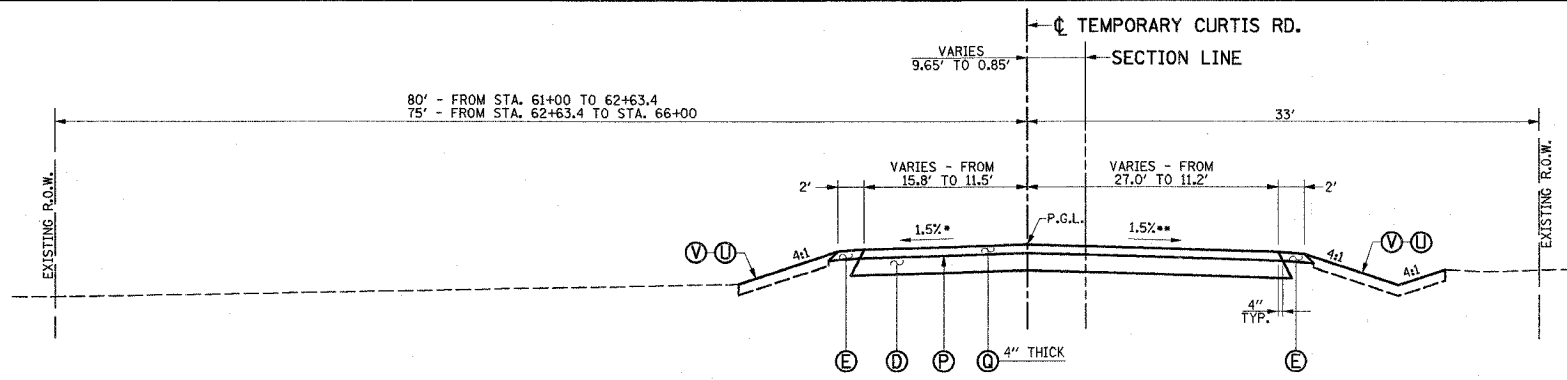


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
807	00-00374-00-PV	CHAMPAIGN	149	13
STA.	TO STA.			
FED. ROAD DIST. NO. 7	ILLINOIS	F.A. PROJECT	M-5181(38)	

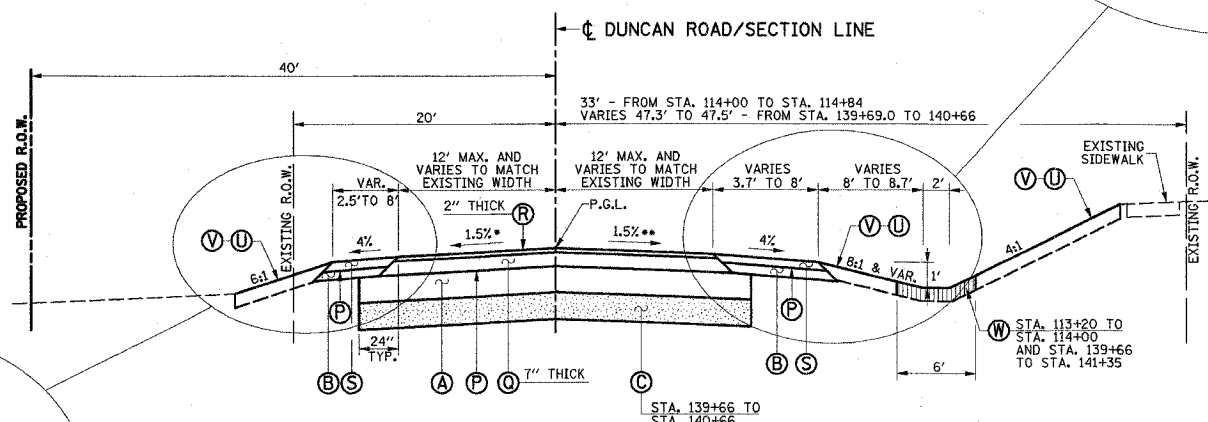
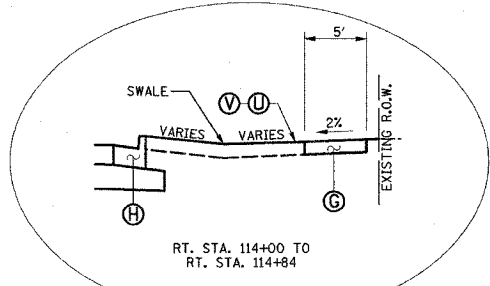
CONTRACT NO. 91308



CURTIS ROAD PAVEMENT CROSS SLOPE

- *-1.5% FROM STA. 61+00 TO STA. 65+00
TRANSITION PAVEMENT SLOPE FROM -1.5% AT STA. 65+00 TO -3.3%(EXIST.) AT STA. 66+00
- ** -1.5% FROM STA. 61+00 TO STA. 65+00
TRANSITION PAVEMENT SLOPE FROM -1.5% AT STA. 65+00 TO -3.9%(EXIST.) AT STA. 66+00

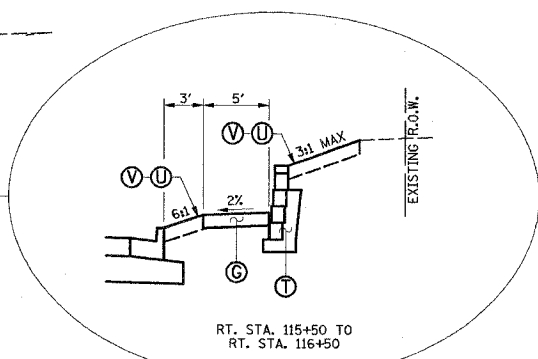
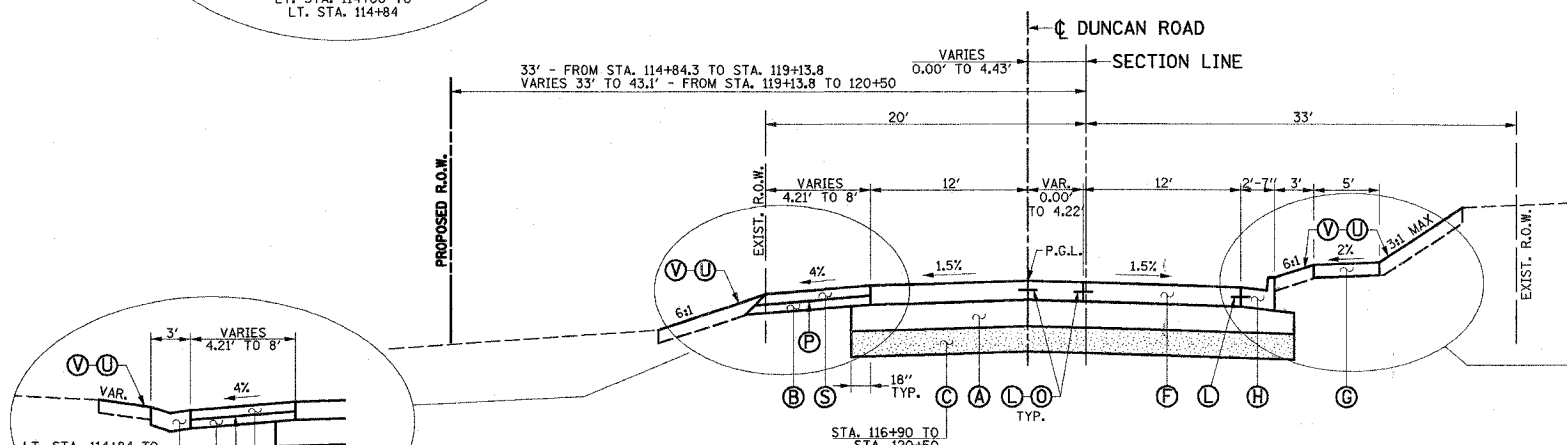
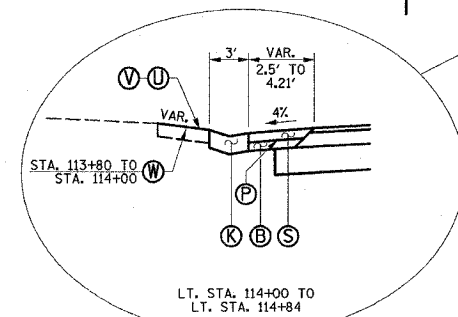
**PROPOSED TYPICAL CROSS SECTION
TEMPORARY CURTIS ROAD
STA. 61+00 TO STA. 66+00**



DUNCAN ROAD PAVEMENT CROSS SLOPE

- * TRANSITION PAVEMENT SLOPE FROM -5.0%(EXIST.) AT STA. 114+00 TO -1.5% AT STA. 114+84
- ** TRANSITION PAVEMENT SLOPE FROM -1.5% AT STA. 139+66 TO -4.0%(EXIST.) AT STA. 140+66
- *** TRANSITION PAVEMENT SLOPE FROM -1.2%(EXIST.) AT STA. 114+00 TO -1.5% AT STA. 114+84
- **** TRANSITION PAVEMENT SLOPE FROM -1.5% AT STA. 139+66 TO -2.5%(EXIST.) AT STA. 140+66

**PROPOSED TYPICAL CROSS SECTION
DUNCAN ROAD
STA. 114+00 TO STA. 114+84
STA. 139+66 TO STA. 140+66**



**PROPOSED TYPICAL CROSS SECTION
DUNCAN ROAD
STA. 114+84 TO STA. 120+50**

- PROPOSED TYPICAL SECTION KEY**
- (A) SUB-BASE GRANULAR MATERIAL, TYPE A 12"
 - (B) SUB-BASE GRANULAR MATERIAL, TYPE B 4"
 - (C) AGGREGATE SUBGRADE, SPECIAL (SEE NOTE 6)
 - (D) AGGREGATE BASE COURSE, TYPE A 8"
 - (E) AGGREGATE SHOULDERS, TYPE B 4"
 - (F) PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
 - (G) PORTLAND CEMENT CONCRETE SIDEWALK 6"
 - (H) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - (I) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
 - (J) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - (K) CONCRETE GUTTER, TYPE A
 - (L) LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 X 30" EPOXY COATED TIE BARS AT 24" CENTERS FORMED IN PLACE (STD. 420001)
 - (M) LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 X 24" EPOXY COATED TIE BARS AT 24" CENTERS FORMED IN PLACE (STD. 420001)
 - (N) NOT USED
 - (O) SAWED LONGITUDINAL JOINT WITH NO. 6 X 30" EPOXY COATED TIE BARS AT 30" CENTERS (STD. 420001)
 - (P) BITUMINOUS MATERIALS (PRIME COAT) - 0.50 GAL/SQ YD
 - (Q) BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N70
 - (R) BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70
 - (S) BITUMINOUS SHOULDERS SUPERPAVE 5"
 - (T) MODULAR BLOCK RETAINING WALL
 - (U) TOPSOIL 6"
 - (V) SEEDING AND MULCH
 - (W) SODDING

STRUCTURAL PAVEMENT DESIGN INFORMATION	
DUNCAN ROAD	
STRUCTURAL DESIGN TRAFFIC:	YEAR 2026
PV =	5890
SU =	186
MU =	124
ROAD/STREET CLASSIFICATION:	CLASS I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P =	50%
S =	50%
M =	50%
TRAFFIC FACTOR:	TF = 1.02
SUBGRADE SUPPORT RATING:	SSR = "POOR"
MINIMUM STRUCTURAL DESIGN REQUIREMENTS:	
P.C. CONCRETE PAVEMENT	= 8" (USE 9")
SUBBASE GRANULAR MATERIAL	= 12"

SEE PLAN AND PROFILE SHEETS FOR EXACT LOCATIONS OF EXISTING R.O.W., PROPOSED R.O.W., PROPOSED PERMANENT EASEMENTS, AND TEMPORARY CONSTRUCTION EASEMENTS.

SEE SHEET 12 FOR PROPOSED TYPICAL SECTIONS NOTES.

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS

DATE: 8-05
DRAWN BY: S.M.W.
CHECKED BY: R.L.H.

SCALE: NONE