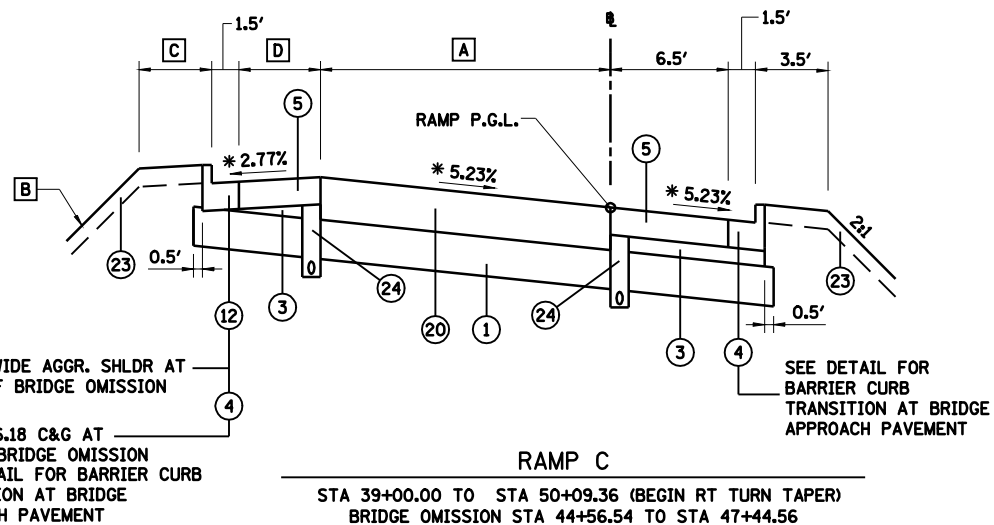


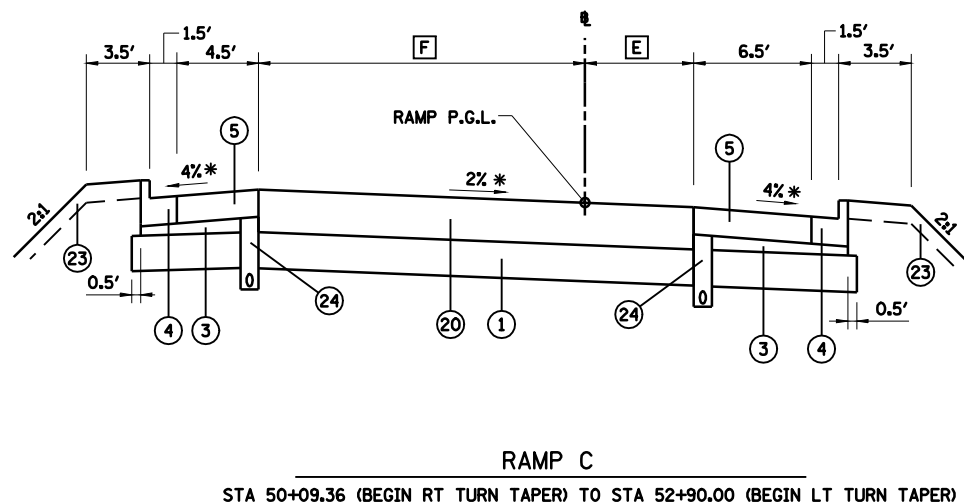
FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	425	53
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
(84-9) RS-6; (G)Z *				



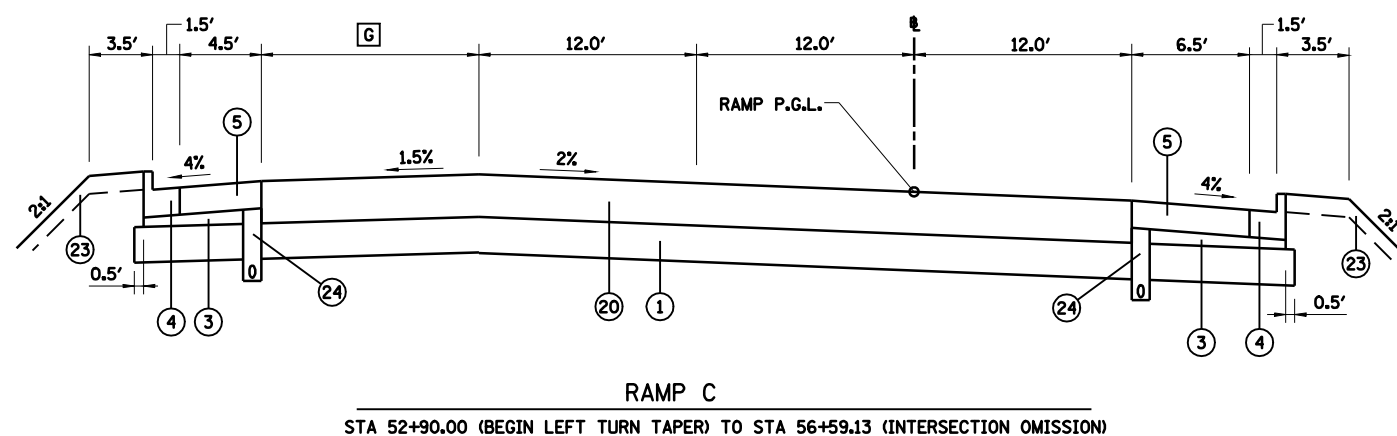
- A** STA 39+00.00 TO STA 47+70.00 = 16.00'  
STA 47+70.00 TO STA 50+09.36 = TAPER 16.00' TO 22.84'
- B** STA 39+00.00 TO STA 44+85.98 = 6:1  
STA 47+15.09 TO STA 50+09.36 = 2:1 \*\*
- C** STA 39+00.00 TO STA 47+44.56 = 0.00'  
STA 47+44.56 TO STA 47+50.00 = TAPER 0' TO 3.50'  
STA 47+50.00 TO STA 50+09.36 = 3.50'
- D** STA 39+00.00 TO STA 44+56.54 = 4.00'  
STA 47+44.56 TO STA 50+09.36 = 4.50'

STRUCTURAL DESIGN TRAFFIC	YEAR	2013
PV = 7647	SU = 242	MU = 161
ROAD/STREET CLASSIFICATION:	CLASS	
TRAFFIC FACTOR:	ACTUAL TF = 2.22	AC TYPE = 20
	MINIMUM TF = 4.74	
DESIGN STRAIN =	65 MICROSTRAIN	
SUBGRADE SUPPORT RATING:	POOR	

\* SEE RAMP SUPERELEVATION TRANSITION DETAILS.



- E** STA 50+09.36 TO STA 52+19.36 = TAPER 0.00' TO 12.00'  
STA 52+19.36 TO STA 52+90.00 = 12.00'
- F** STA 50+09.36 TO STA 50+50.00 = TAPER 22.84' TO 24.00'  
STA 50+50.00 TO STA 52+90.00 = 24.00'



- G** STA 52+90.00 TO 55+00.00 = TAPER 0.00' TO 12.00'  
STA 55+00.00 TO 56+59.13 = 12.00'

**LEGEND**

- ① PROCESSING MODIFIED SOILS 12"
- ② HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 13"
- ③ SUBBASE GRANULAR MATERIAL, TYPE C
- ④ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑤ HOT-MIX ASPHALT SHOULDERS, 9"
- ⑥ HOT-MIX ASPHALT SHOULDERS, 13"
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑧ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑨ CONCRETE MEDIAN SURFACE, 4"
- ⑩ SUBBASE GRANULAR MATERIAL, TYPE C 4"
- ⑪ PORTLAND CEMENT CONCRETE SIDEWALK 4"
- ⑫ AGGREGATE SHOULDERS, TYPE B 10"
- ⑬ HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 10"
- ⑭ NOT USED
- ⑮ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30
- ⑯ SUBBASE GRANULAR MATERIAL, TYPE A
- ⑰ AGGREGATE SHOULDERS, TYPE B 4"
- ⑱ AGGREGATE BASE COURSE, TYPE A 6"
- ⑲ SAWING PAVEMENT (FULL DEPTH)
- ⑳ HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 14"
- ㉑ BITUMINOUS CONCRETE SHOULDER REMOVAL
- ㉒ PAVEMENT REMOVAL
- ㉓ TOPSOIL PLACEMENT 6"
- ㉔ PIPE UNDERDRAIN STD 601001
- ㉕ CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)
- ㉖ SUBBASE GRANULAR MATERIAL, TYPE A 12"
- ㉗ CONCRETE MEDIAN, TYPE SB-6.12

NOTE: EMBANKMENT/SUBGRADE CONSTRUCTED IN THE PRIOR GRADING & STRUCTURES CONTRACT TO APPROXIMATELY 3" ABOVE PROPOSED BOTTOM OF PAVEMENT. SEE STATION CROSS SECTIONS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
TYPICAL SECTIONS RAMP C -2  
FAI-72, MACARTHUR BLVD  
SECTION  
(84-9) RS-6; (G)Z  
SANGAMON COUNTY, ILLINOIS

SCALE: VERT.      DRAWN BY CLG  
          HORIZ.      CHECKED BY JAD  
DATE Mar-20-2008 07:51:08AM