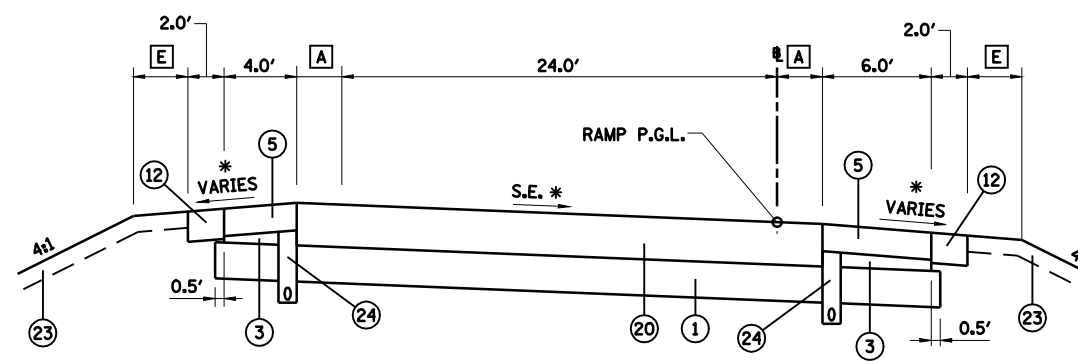


FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	425	49
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9) RS-6; (G)Z *				



RAMP A
STA 22+98.41 (PT) TO STA 25+93.47 (PC)

- A** STA 22+98.41 TO STA 25+60.00 = 0.0'
STA 25+60.00 TO STA 25+93.47 = TAPER 0.0' TO 1.91'
- E** STA 22+98.41 TO STA 24+00.00 = 0.0'
STA 24+00.00 TO STA 24+10.00 = TAPER 0.0' TO 3.5'
STA 24+10.00 TO STA 25+93.47 = 3.5'

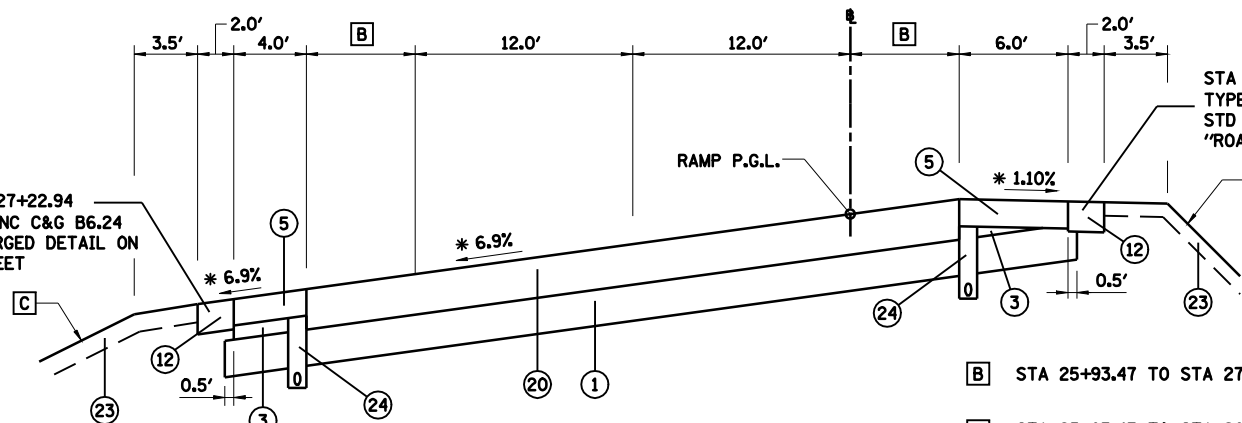
LEGEND

- 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.

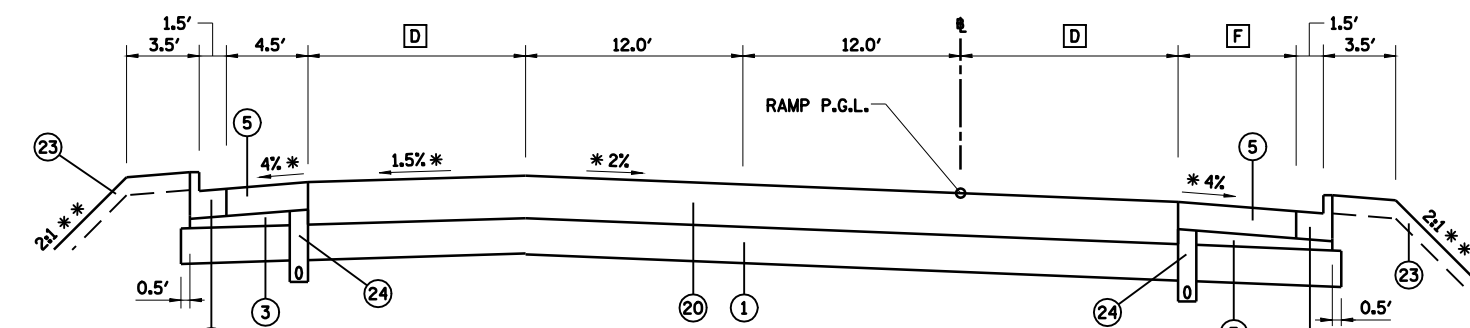
STRUCTURAL DESIGN TRAFFIC	YEAR 2013
PV = 7647	SU = 242 MU = 161
ROAD/STREET CLASSIFICATION:	CLASS
TRAFFIC FACTOR:	ACTUAL TF = 2.22 AC TYPE = 20 MINIMUM TF = 4.74
DESIGN STRAIN =	65 MICROSTRAIN
SUBGRADE SUPPORT RATING:	POOR

* SEE RAMP SUPERELEVATION TRANSITION DETAILS.
** PROVIDE BENCH WITH DITCH IN 2:1 FORESLOPE. SEE SHEET "BENCH & DITCH DETAILS" AND STATION CROSS SECTIONS.



RAMP A
STA 25+93.47 (PC) TO STA 27+22.94 (PT)

- B** STA 25+93.47 TO STA 27+22.94 = TAPER 1.91' TO 9.31'
- C** STA 25+93.47 TO STA 26+00.00 = 4:1
STA 26+00.00 TO STA 27+00.00 = TRANSITION 4:1 TO 2:1
STA 27+00.00 TO STA 27+22.94 = 2:1 **



RAMP A
STA 27+22.94 (PT) TO STA 28+52.16 (INTERSECTION OMISSION)

- D** STA 27+22.94 TO STA 27+70.00 = TAPER 9.31' TO 12.0'
STA 27+70.00 TO STA 28+52.16 = 12.0'
- F** STA 27+22.94 TO STA 27+26.18 = 6.0'
STA 27+26.18 TO STA 27+34.18 = TAPER FROM 6.0' TO 6.5'
STA 27+34.18 TO STA 28+52.16 = 6.5'

STA 27+22.94 TO STA 27+26.18
TYPE 2 OUTLET FOR CONC C&G B6.24
STD 606006, SEE "ROADWAY DETAILS" SHEET
STA 27+26.18 TO STA 27+34.18
TRANSITION B6.24 C&G TO B6.18 C&G
B6.18 C&G STA 27+34.18 TO STA 28+52.16

REVISIONS	
NAME	DATE

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

SCALE: VERT. _____
HORIZ. _____
DATE: Mar-20-2008 07:50:59AM
DRAWN BY: CLG
CHECKED BY: JAD



Mar-20-2008 07:50:59AM
FILE

LAYOUT	CLG	09/17/07
DRAWN	CLG	09/17/07
REVIEWED	JMM	09/17/07