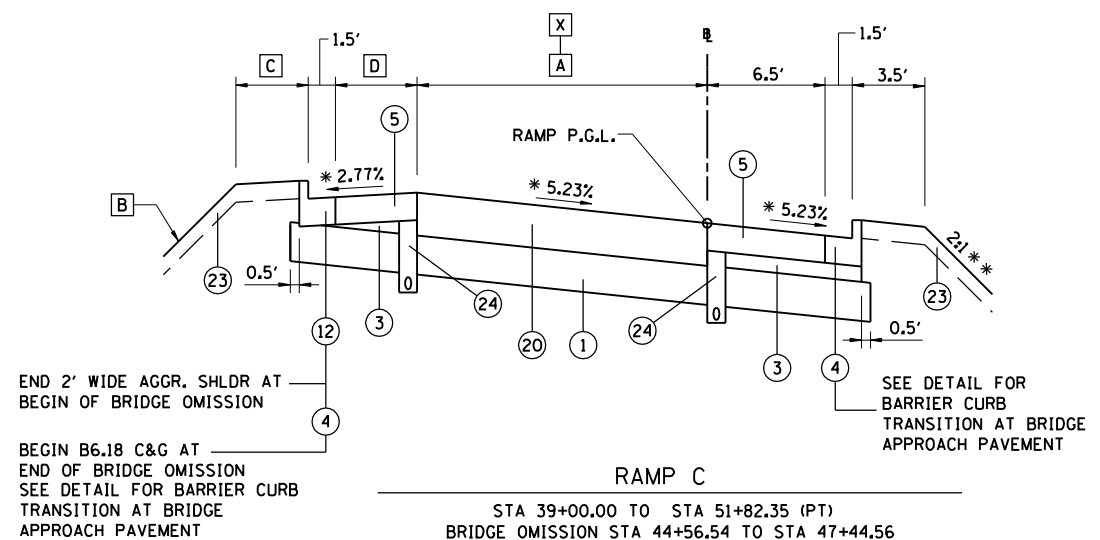


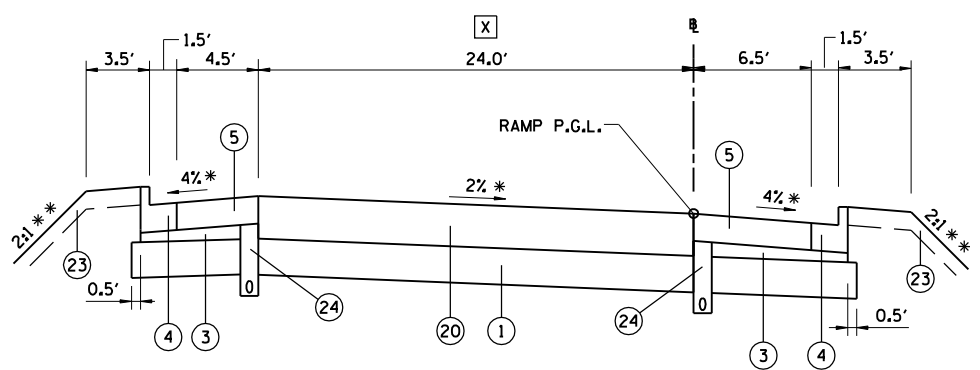
FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	29
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
(84-9-4)A,HBK,BY,BY-1 * 02-00382-02-PV				

X FROM STA 50+00 TO 52+10 SEE EMBANKMENT WIDENING PLANS & EMBANKMENT TYPICAL SECTIONS FOR LOCATION OF FUTURE FACE OF CURB.

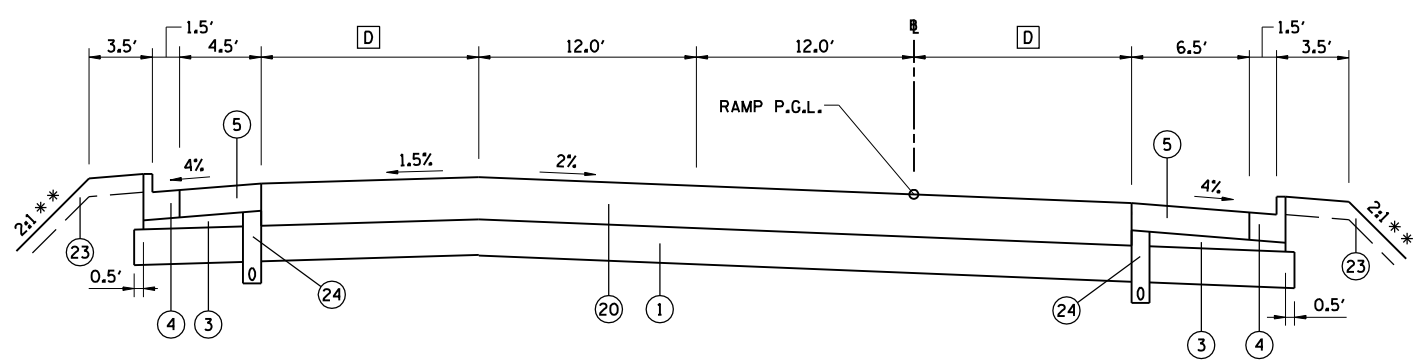


- A STA 39+00.00 TO STA 47+70.00 = 16.00'
STA 47+70.00 TO STA 50+50.00 = TAPER 16.00' TO 24.00'
STA 50+50.00 TO STA 51+82.35 = 24.0'
- B STA 39+00.00 TO STA 44+85.98 = 6:1
STA 47+15.09 TO STA 51+82.35 = 2:1 **
- C STA 39+00.00 TO STA 47+44.56 = 0.00'
STA 47+44.56 TO STA 47+50.00 = TAPER 0' TO 3.50'
STA 47+50.00 TO STA 51+82.35 = 3.50'
- D STA 39+00.00 TO STA 44+56.54 = 4.00'
STA 47+44.56 TO STA 51+82.35 = 4.50'

RAMP C
STA 39+00.00 TO STA 51+82.35 (PT)
BRIDGE OMISSION STA 44+56.54 TO STA 47+44.56



RAMP C
STA 51+82.35 (PT) TO STA 52+90.00 (BEGIN TAPER)



RAMP C
STA 52+90.00 (BEGIN TAPER) TO STA 56+59.13 (INTERSECTION OMISSION)

- D STA 52+90.00 TO STA 55+00.00 = TAPER 0.0' TO 12.0'
STA 55+00.00 TO STA 56+59.13 = 12.00'

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.
** STEEPENED SLOPE WITH GEOSYNTHETIC REINFORCEMENT
STA 38+50 TO STA 42+50 SEE DETAIL & STATION CROSS SECTIONS.
PROVIDE BENCH WITH DITCH IN UNREINFORCED 2:1 FORESLOPE.
SEE SHEET "BENCH & DITCH DETAILS" AND STATION CROSS SECTIONS.

NOTE: SOIL MODIFICATION, PAVEMENT, SUBBASE, CURBS, SHOULDERS, PIPE UNDERDRAINS AND MEDIAN SHOWN FOR INFORMATION ONLY.
SUBGRADE SHALL BE CONSTRUCTED 3" ABOVE PROPOSED BOTTOM OF FUTURE PAVEMENT SUBBASE. TRIMMING THE TOP 3", SOIL MODIFICATION, PIPE UNDERDRAINS & PAVING WILL BE BY OTHERS.
WIDEN EMBANKMENT ON RAMP C FROM STA 50+09.38 TO STA 52+19.38 AS SHOWN ON STATION CROSS SECTIONS, EMBANKMENT WIDENING PLANS & EMBANKMENT TYPICAL SECTIONS SHEET.

- LEGEND
- 1 PROCESSING MODIFIED SOILS 12"
 - 2 BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 13"
 - 3 SUBBASE GRANULAR MATERIAL, TYPE C
 - 4 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
 - 5 BITUMINOUS SHOULDERS SUPERPAVE 9"
 - 6 BITUMINOUS SHOULDERS SUPERPAVE 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 BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 10"
 - 14 BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, N50, 1 1/2"
 - 15 BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50, 1 1/2"
 - 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 BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), SUPERPAVE, 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"

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS RAMP C -2
FAI-72, MACARTHUR BLVD
SEC NO. 02-00382-02-PV
SEC NO. (84-9-4)A,HBK,BY,BY-1
SANGAMON COUNTY, ILLINOIS

SCALE: VERT. DRAWN BY CLG
 HORIZ. CHECKED BY JAD
DATE 12/16/2006



12/16/2006	CLG	08/05/06
\$FILES	CLG	08/05/06
	JAD/JMW	08/05/06
	JAD/JMW	08/05/06
	JAD/JMW	08/05/06