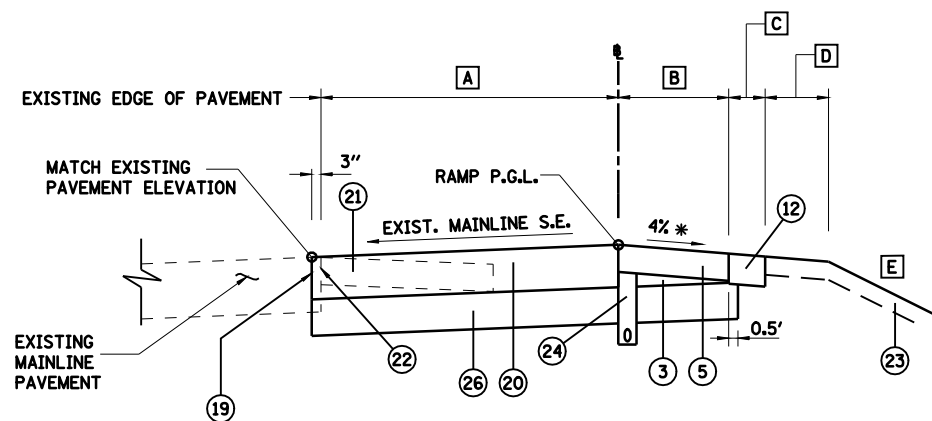


FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	425	52
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9) RS-6; (G)Z *				



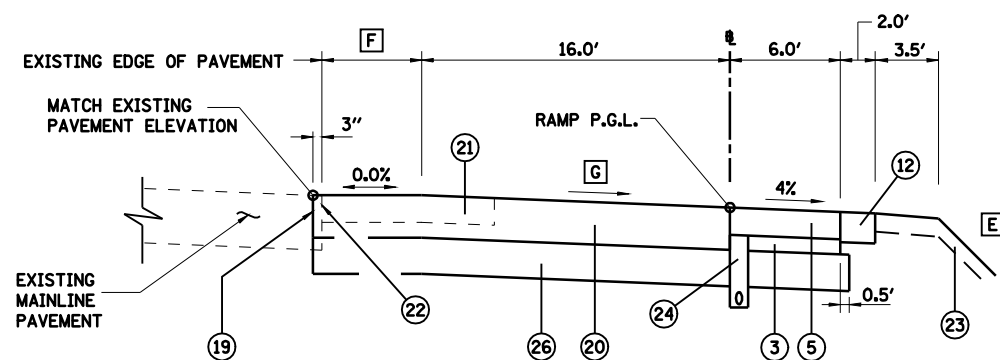
RAMP C
STA 30+00.00 (BEGIN RAMP) TO STA 34+10.00

* ADJUST TO MAINTAIN MAXIMUM BREAKOVER = 8%

- [A] STA 30+00.00 TO STA 34+10.00 = SEE RAMP TERMINAL DETAIL
- [B] STA 30+00.00 TO STA 30+76.88 = TAPER 9.00' TO 6.00'
STA 30+76.88 TO STA 34+10.00 = 6.00'
- [C] STA 30+00.00 TO STA 30+25.63 = 0.00'
STA 30+25.63 TO STA 30+76.88 = TAPER 0.00' TO 2.00'
STA 30+76.88 TO STA 34+10.00 = 2.00'
- [D] STA 30+00.00 TO STA 31+00.00 = 0.0'
STA 31+00.00 TO STA 31+25.00 = TAPER 0.00 TO 3.50'
STA 31+25.00 TO STA 34+10.00 = 3.50'

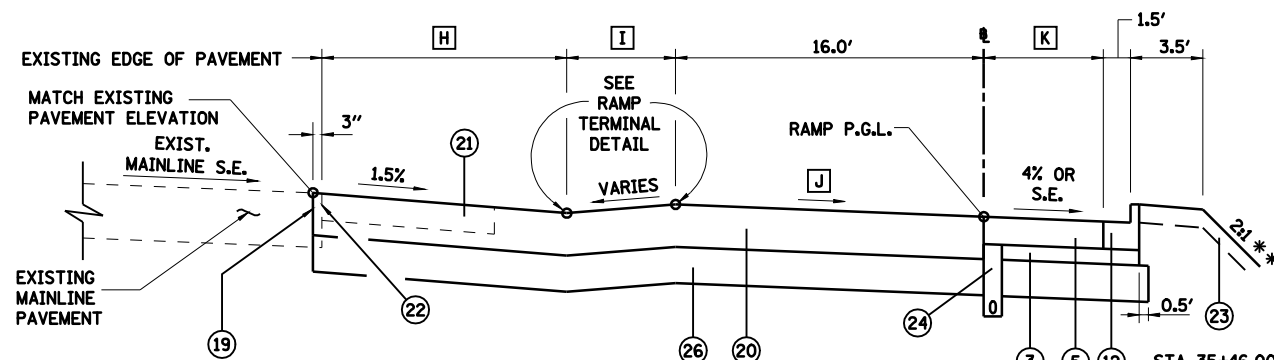
LEGEND

- (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



RAMP C
STA 34+10.00 TO STA 35+46.00 (BEGIN SWALE)

- [E] STA 30+00.00 TO STA 33+00.00 = 4:1
STA 33+00.00 TO STA 35+46.00 TRANSITION 4:1 TO 2:1
- [F] STA 34+10.00 TO STA 35+46.00 = SEE RAMP TERMINAL DETAIL
- [G] STA 34+10.00 TO STA 35+46.00 = SEE RAMP TERMINAL DETAIL



RAMP C
STA 35+46.00 (BEGIN SWALE) TO STA 39+00.00 (GORE NOSE)

** STEEPENED SLOPE WITH BIAXIAL GEOGRID REINFORCEMENT BEGINS AT STA 38+50, SEE DETAIL & STATION CROSS SECTIONS

- [H] STA 35+46.00 TO STA 39+00.00 = SEE RAMP TERMINAL DETAIL
- [I] STA 35+46.00 TO STA 39+00.00 = SEE RAMP TERMINAL DETAIL
- [J] STA 35+46.00 TO STA 39+00.00 = SEE RAMP TERMINAL DETAIL
- [K] STA 35+46.00 TO STA 35+76.79 = 6.00'
STA 35+76.79 TO STA 35+84.79 = TAPER 6.00' TO 6.5'
STA 35+84.79 TO STA 39+00.00 = 6.5'

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	

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 -1
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 07:51:06AM

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