

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	425	45
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
		(84-9) RS-6; (G)Z *		

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

NOTES: PROVIDE BENCH WITH DITCH IN 2:1 FORESLOPE. SEE "BENCH & DITCH DETAILS" SHEET AND STATION CROSS SECTIONS.

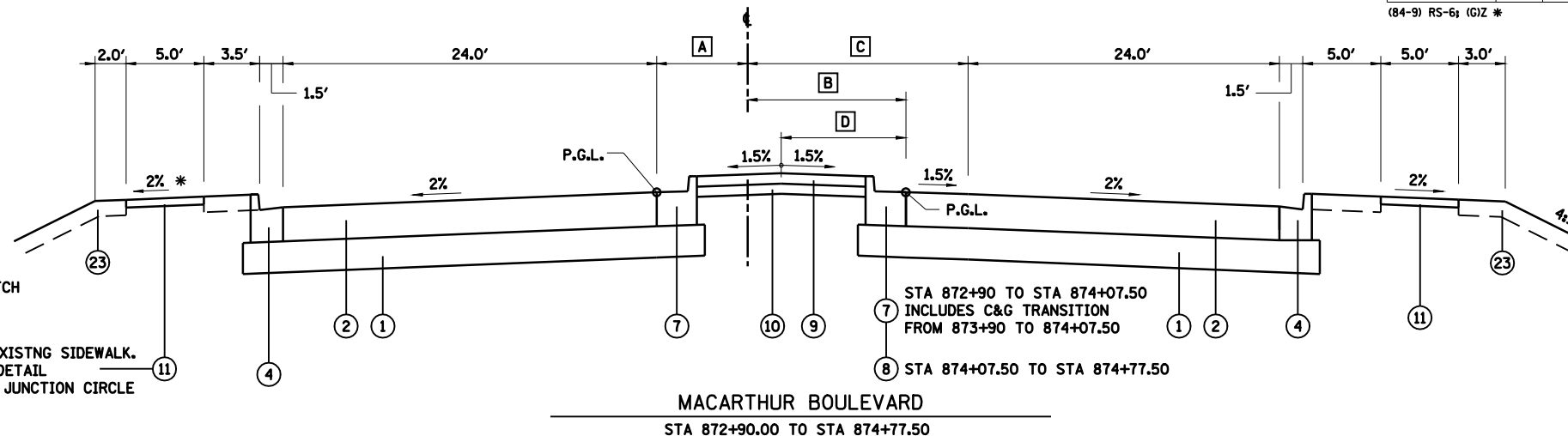
APPLY TYPICAL FILLSLOPE STEPPING DETAIL TO SIDESLOPE FILLS. SEE "BENCH & DITCH DETAILS" SHEET.

STRIP TOP 1' OF TOPSOIL BENEATH EMBANKMENTS LESS THAN 5' HIGH AND STOCKPILE FOR USE SEE STATION CROSS SECTIONS.

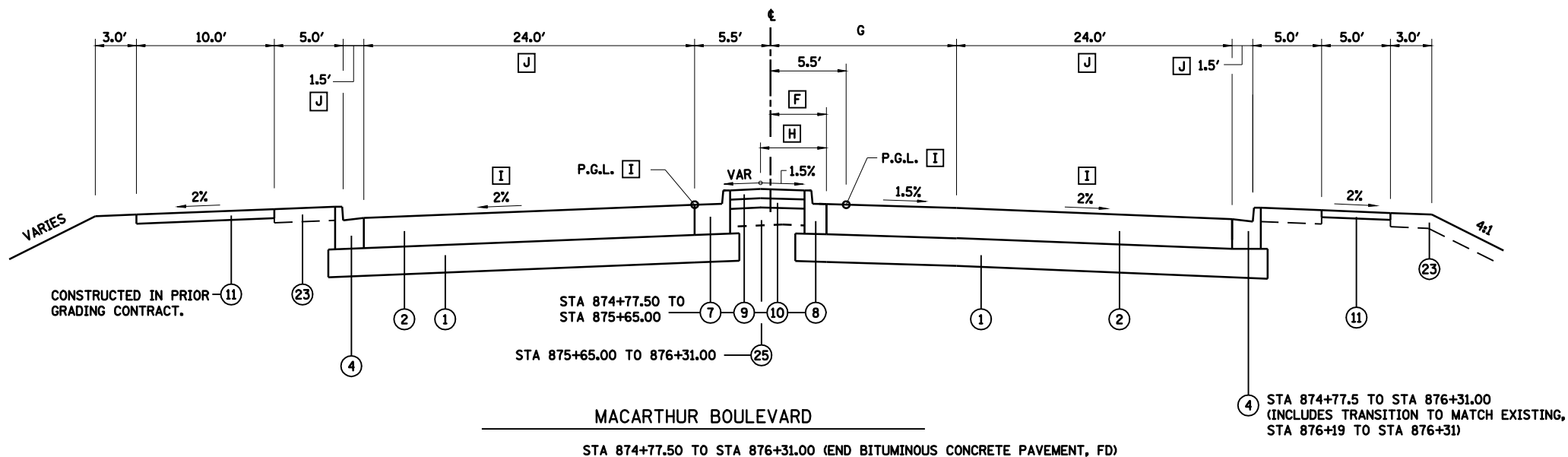
STRUCTURAL DESIGN TRAFFIC	YEAR 2013
PV = 20,710	SU = 654 MU = 436
ROAD/STREET CLASSIFICATION:	CLASS I
80,000 *	
TRAFFIC FACTOR:	ACTUAL TF = 2.69 AC TYPE = 20
	MINIMUM TF = N/A
DESIGN STRAIN =	76 MICROSTRAIN
SUBGRADE SUPPORT RATING:	POOR

* TRANSITION TO MATCH EXISTING SIDEWALK.

END SIDEWALK AT EXISTING SIDEWALK. SEE INTERSECTION DETAIL MACARTHUR BLVD / JUNCTION CIRCLE



- A STA 872+90.00 TO STA 873+90.00 = TAPER FROM 9.0' TO 5.5'
STA 873+90.00 TO STA 874+77.50 = 5.5'
- B STA 872+90.00 TO STA 873+90.00 = TAPER FROM 9.0' TO 10.5'
STA 873+90.00 TO STA 874+77.50 = TAPER FROM 10.5' TO 5.50'
- C STA 872+90.00 TO STA 873+90.00 = TAPER FROM 9.0' TO 10.5'
STA 873+90.00 TO STA 874+77.50 = TAPER FROM 10.5' TO 12.5'
- D STA 872+90.00 TO STA 873+90.00 = TAPER 9.0' TO 8.0'
STA 873+90.00 TO STA 874+77.5 = TAPER 8.0' TO 5.5'



- F STA 874+77.50 TO STA 875+65.00 = TAPER FROM 5.5' TO 0.5'
STA 875+65.00 TO STA 876+31.00 = 0.5'
- G STA 874+77.50 TO STA 875+65.0 TAPER FROM 12.5' TO 14.5'
STA 875+65.0 TO STA 876+31.0 = 14.5'
- H STA 874+77.5 TO 875+65.0 TAPER 5.5' TO 1.58'
STA 875+65.0 TO STA 876+31.0 = 1.58'
- I STA 876+00.00 TO STA 876+31.00 TRANSITION CROSS SLOPES AND PGL ELEVATION TO MATCH EXISTING PAVEMENT. (SEE INTERSECTION DETAIL)
- J STA 876+00.0 TO STA 876+31.0 TRANSITION TO MATCH EXISTING PAVEMENT AND GUTTER WIDTH (SEE INTERSECTION DETAIL)

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
MACARTHUR BOULEVARD -10
SECTION
(84-9) RS-6; (G)Z
SANGAMON COUNTY, ILLINOIS

SCALE: VERT. HORIZ. DATE: Mar-20-2008 07:50:51AM DRAWN BY: CLG CHECKED BY: JAD

