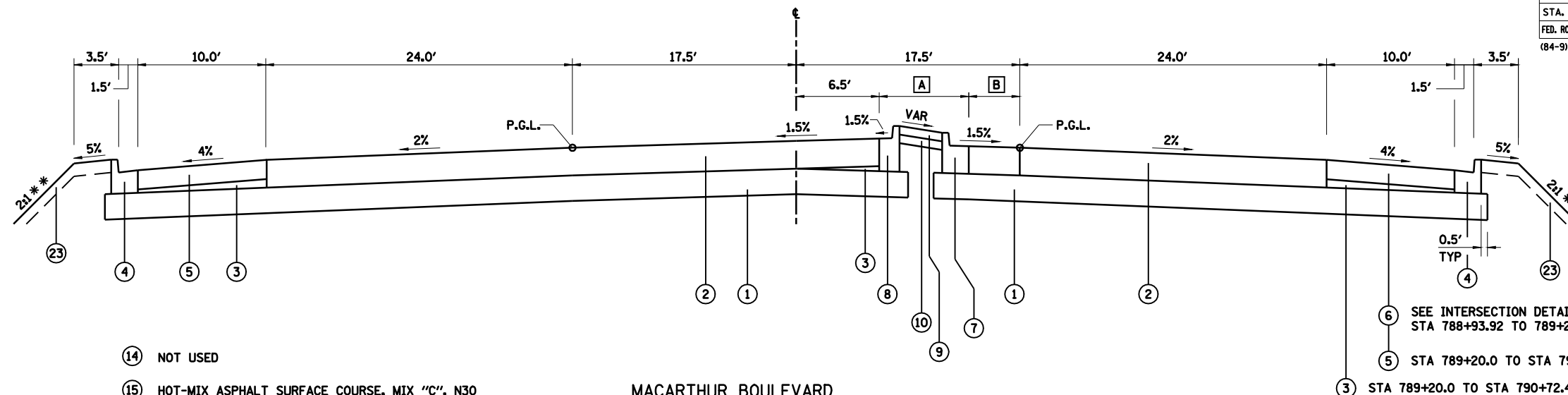


FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	425	37
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(84-9) RS-6; (G)Z *				



**LEGEND**

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

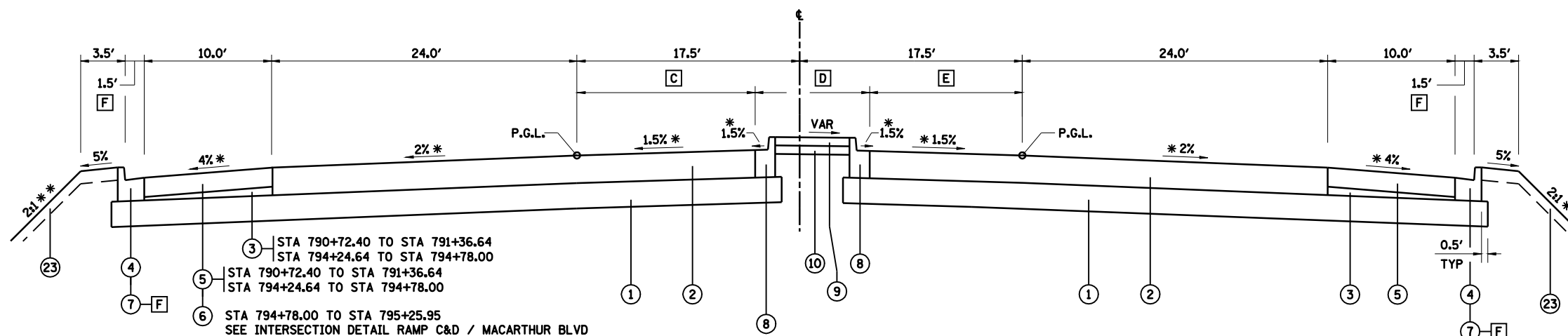
**MACARTHUR BOULEVARD**  
STA 788+93.92 (END RAMP A /RAMP B INTERSECTION OMISSION) TO STA 790+72.40 (BEGIN TURN LANE)

- A** STA 788+93.92 TO STA 789+68.92 = 6.5' TO 11.0'  
STA 789+68.92 TO STA 790+59.40 = 11.0'  
STA 790+59.40 TO STA 790+72.40 = TAPER 11.0' TO 10.0'
- B** STA 788+93.92 TO STA 789+68.92 = TAPER 4.5' TO 0.0'  
STA 789+68.92 TO STA 790+59.40 = 0.0'  
STA 790+59.40 TO STA 790+72.40 = TAPER 0.0' TO 1.0'

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

- \* TRANSITION FROM ROADWAY CROSS SLOPE TO BRIDGE CROSS SLOPE IN 40.00'
- \*\* PROVIDE BENCH WITH DITCH IN 2:1 FORESLOPE. SEE "BENCH & DITCH DETAILS" SHEET AND STATION CROSS SECTIONS.



- C** STA 790+72.40 TO STA 792+28.40 = TAPER 24.0' TO 12.0'  
STA 792+28.40 TO STA 795+13.03 = 12.0'  
STA 795+13.03 TO STA 795+25.95 = VARIES  
SEE INTERSECTION DETAIL RAMP C&D / MACARTHUR BLVD
- D** STA 790+72.40 TO STA 792+15.40 = 10.0'  
STA 792+15.40 TO STA 792+28.40 = 10.0' TO 11.0'  
STA 792+28.40 TO STA 795+13.03 = 11.0'  
STA 795+13.03 TO STA 795+25.95 = VARIES  
SEE INTERSECTION DETAIL RAMP C&D / MACARTHUR BLVD
- E** STA 790+72.40 TO STA 792+15.40 = 1.0' TO 12.0'  
STA 792+15.40 TO STA 795+25.95 = 12.0'
- F** TRANSITION GUTTER WIDTH OVER 10' TO ALIGN FACE OF CURB WITH FACE OF BRIDGE APPROACH PAVEMENT CURB. TRANSITION PAID FOR AS B-6.18 C&G

**MACARTHUR BOULEVARD**

STA 790+72.40 (BEGIN TURN LANE) TO STA 795+25.95 (BEGIN RAMP C /RAMP D INTERSECTION OMISSION)  
STA 795+25.95 TO STA 798+08.49 RAMP C /RAMP D INTERSECTION OMISSION  
(BRIDGE OMISSION STA 791+36.64 TO STA 794+24.64)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
TYPICAL SECTIONS  
MACARTHUR BOULEVARD -2  
SECTION  
(84-9) RS-6; (G)Z  
SANGAMON COUNTY, ILLINOIS

SCALE: VERT. HORIZ.  
DATE: Mar-20-2008 07:50:31AM  
DRAWN BY: CLG  
CHECKED BY: JAD



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