

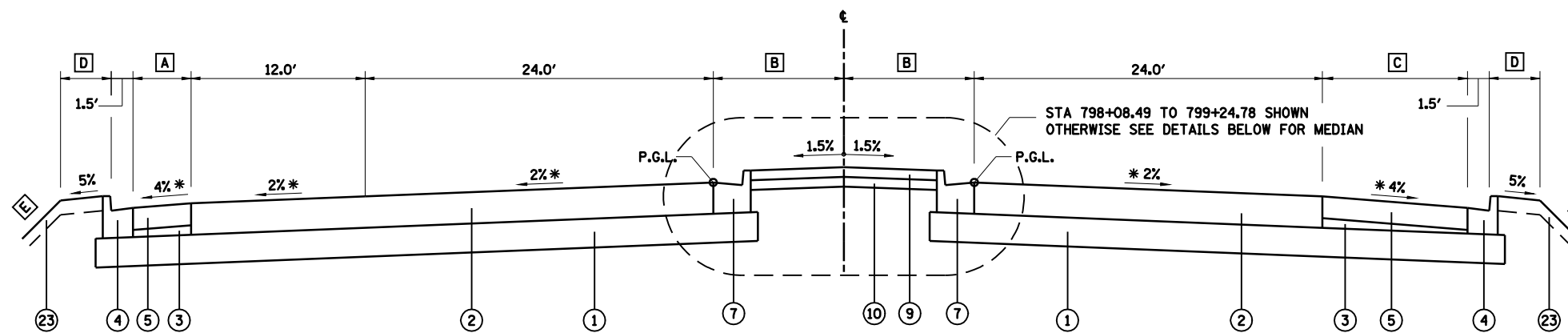
FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	425	38
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
(84-9) RS-6; (G)Z *				

- A** STA 798+08.49 TO BEGIN OF SOUTH BRIDGE APPROACH PAVEMENT = 4.0'
END OF NORTH BRIDGE APPROACH PAVEMENT TO STA 808+82.68 = 10.0'
- B** STA 798+08.49 TO STA 801+90.99 = TAPER 17.5' TO 9.0'
STA 801+90.99 TO STA 808+82.68 = 9.0'
- C** STA 798+08.49 TO BEGIN OF SOUTH BRIDGE APPROACH PAVEMENT = 10.0'
END OF NORTH BRIDGE APPROACH PAVEMENT TO STA 803+05.00 = TAPER 15.15' TO 10.0'
STA 803+05.00 TO STA 808+82.68 = 10.0'
- D** STA 798+08.49 TO STA 808+00.00 = 3.5'
STA 808+00.00 TO STA 808+82.68 = TAPER 3.5' TO 4.0'
- E** STA 798+08.49 TO STA 808+00.00 = 2:1
STA 808+00.00 TO STA 808+82.68 = TRANSITION 2:1 TO 3:1

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 FROM ROADWAY CROSS SLOPE TO BRIDGE CROSS SLOPE IN 40.00'
- ** TRANSITION TO PAVED MEDIAN CROSS SLOPE OR BRIDGE CROSS SLOPE IN 10.00'

NOTE: EMBANKMENT/SUBGRADE CONSTRUCTED IN THE PRIOR GRADING & STRUCTURES CONTRACT TO APPROXIMATELY 3" ABOVE PROPOSED BOTTOM OF PAVEMENT. SEE STATION CROSS SECTIONS.

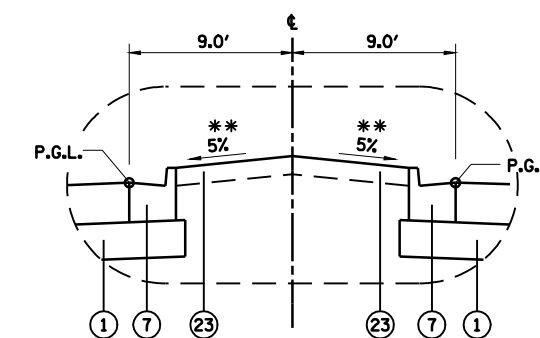


MACARTHUR BOULEVARD

STA 798+08.49 (END RAMP C /RAMP D INTERSECTION OMISSION)
 TO STA 808+82.68 (BEGIN TURN LANE TAPER)
 BRIDGE OMISSION STA 799+24.78 TO STA 802+14.78

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 |



STA 802+14.78 TO STA 808+82.68 (BEGIN TURN LANE TAPER)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TYPICAL SECTIONS
 MACARTHUR BOULEVARD -3
 SECTION
 (84-9) RS-6; (G)Z
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT. _____
 HORIZ. _____
 DATE: Mar-20-2008 07:50:34AM
 DRAWN BY: CLG
 CHECKED BY: JAD

