

F.A.I. RTE. 94	SECTION *	COUNTY COOK	TOTAL SHEETS 907	SHEET NO. 694
STA. TO STA.		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO. (1516.1, 1717 & 1818) R-9		62695		

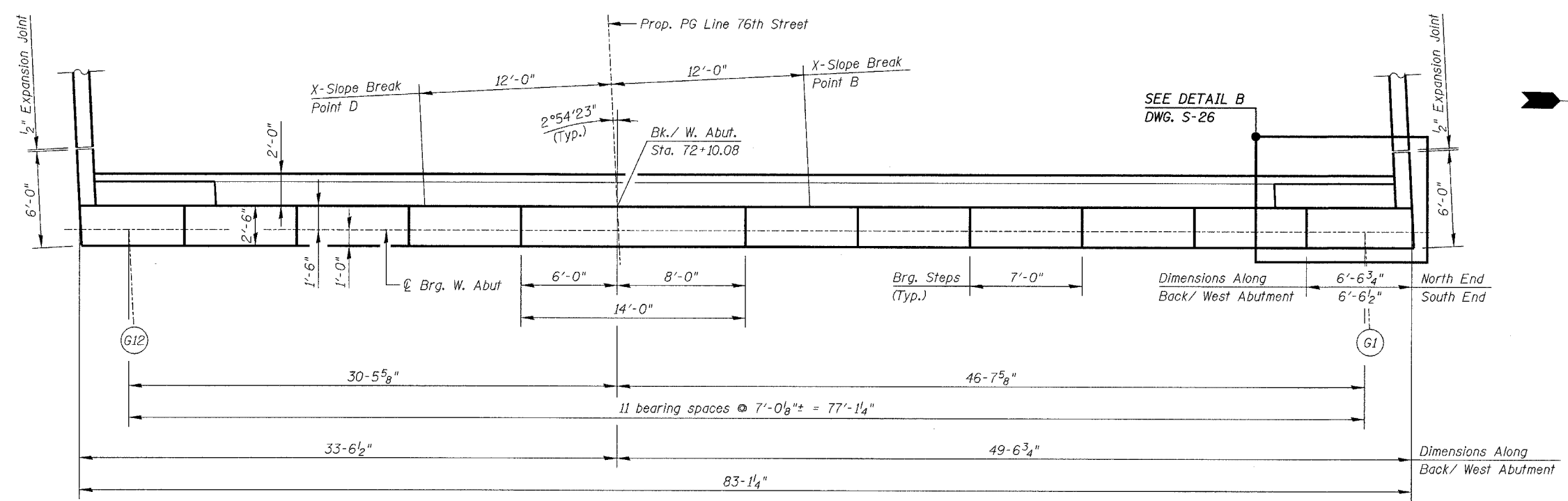
**BEARING SEAT ELEVATIONS**

GIRDER	BRG. SEAT ELEVATION	STEP T- inch
G1	5.58	1 <sup>5</sup> / <sub>8</sub> "
G2	5.71	1 <sup>5</sup> / <sub>8</sub> "
G3	5.85	1 <sup>1</sup> / <sub>2</sub> "
G4	5.97	1 <sup>5</sup> / <sub>8</sub> "
G5	6.11	1 <sup>1</sup> / <sub>2</sub> "
G6	6.23	1 <sup>1</sup> / <sub>8</sub> "
G7	6.33	0
G8	6.33	1 <sup>1</sup> / <sub>4</sub> "
G9	6.22	1 <sup>3</sup> / <sub>4</sub> "
G10	6.08	1 <sup>7</sup> / <sub>8</sub> "
G11	5.92	1 <sup>7</sup> / <sub>8</sub> "
G12	5.76	1 <sup>7</sup> / <sub>8</sub> "

**TOP OF BACK WALL ELEVATIONS**

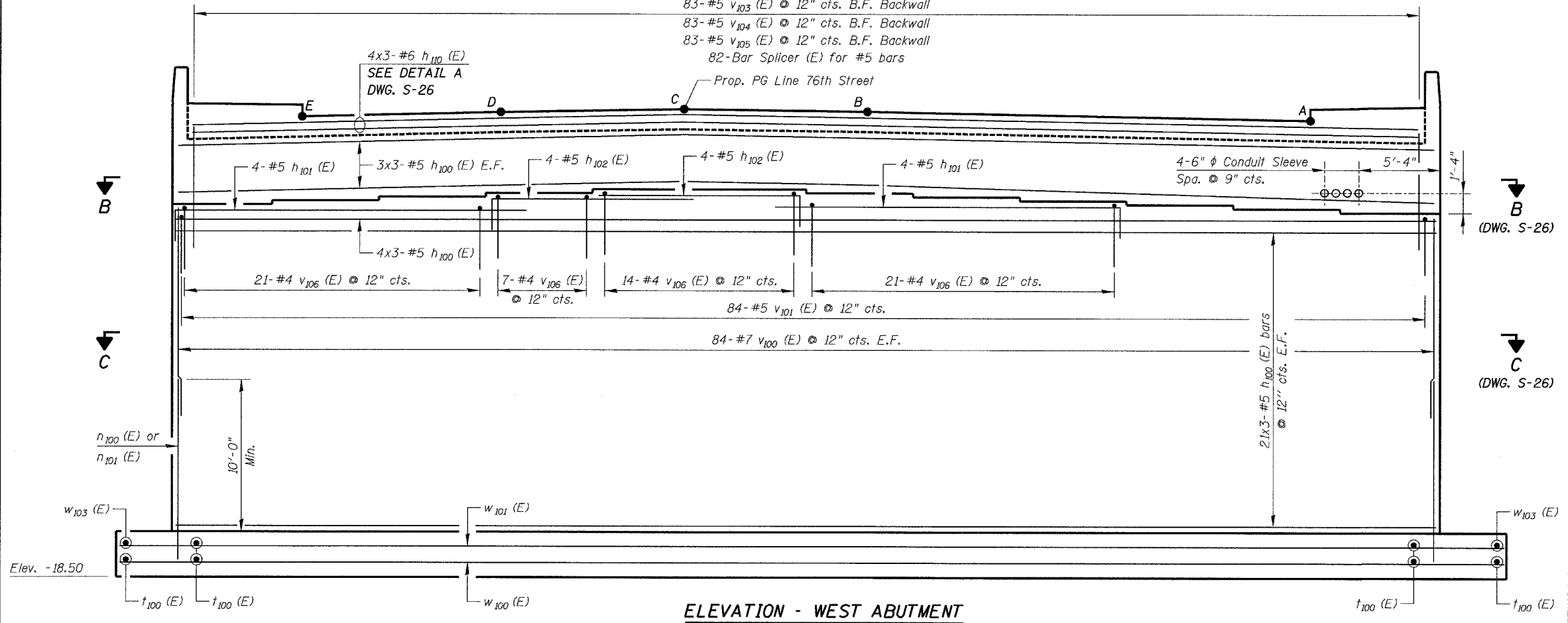
POINTS	FRONT FACE	BACK FACE
A - North Curb Line	10.88	10.82
B - X-Slope Break	11.43	11.37
C - Crown	11.59	11.53
D - X-Slope Break	11.38	11.32
E - South Curb Line	11.08	11.03

**Notes:**  
 Space reinforcement in cap to miss anchor bolts.  
 Pour steps monolithically with cap.  
 Reinforcement Bars designated (E) shall be epoxy coated.  
 Bars indicated thus 20x3-#5 etc. indicates 20 lines of bars with 3 lengths per line.  
 Cost of conduit sleeves in backwall included with "Concrete Structures".  
 Estimated Soil Bearing Pressure = 5 ksf.  
 Work this DWG. with DWGS. S-25 thru S-27 & S-32.



**TOP PLAN - WEST ABUTMENT**

83-#5 v<sub>102</sub> (E) @ 12" cts. F.F. Backwall  
 83-#5 v<sub>103</sub> (E) @ 12" cts. B.F. Backwall  
 83-#5 v<sub>104</sub> (E) @ 12" cts. B.F. Backwall  
 83-#5 v<sub>105</sub> (E) @ 12" cts. B.F. Backwall  
 82-Bar Splicer (E) for #5 bars



**ELEVATION - WEST ABUTMENT**

**Legend**

E.F. = Each Face  
 F.F. = Front Face  
 B.F. = Back Face

**Min. Bar Laps:**

Vert./Horiz. Bars  
 #5 = 1'-8"  
 #6 = 2'-0"  
 #7 = 2'-9"

Horiz. Top Bars  
 #5 = 2'-5"  
 #6 = 2'-10"

REVISIONS	
NAME	DATE

DWG. S-24 of 42

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**WEST ABUTMENT TOP PLAN & ELEVATION**  
 76TH STREET OVER FAI-94  
 FAP ROUTE 1541 SECTION 1818 R-9  
 COOK COUNTY  
 STATION 73+49.33  
 STRUCTURE NUMBER 016-2850

SCALE: NONE  
 DATE: March 25, 2005

DESIGNED BY: TB  
 CHECKED BY: WPM

DRAWN BY: TL  
 CHECKED BY: WPM



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