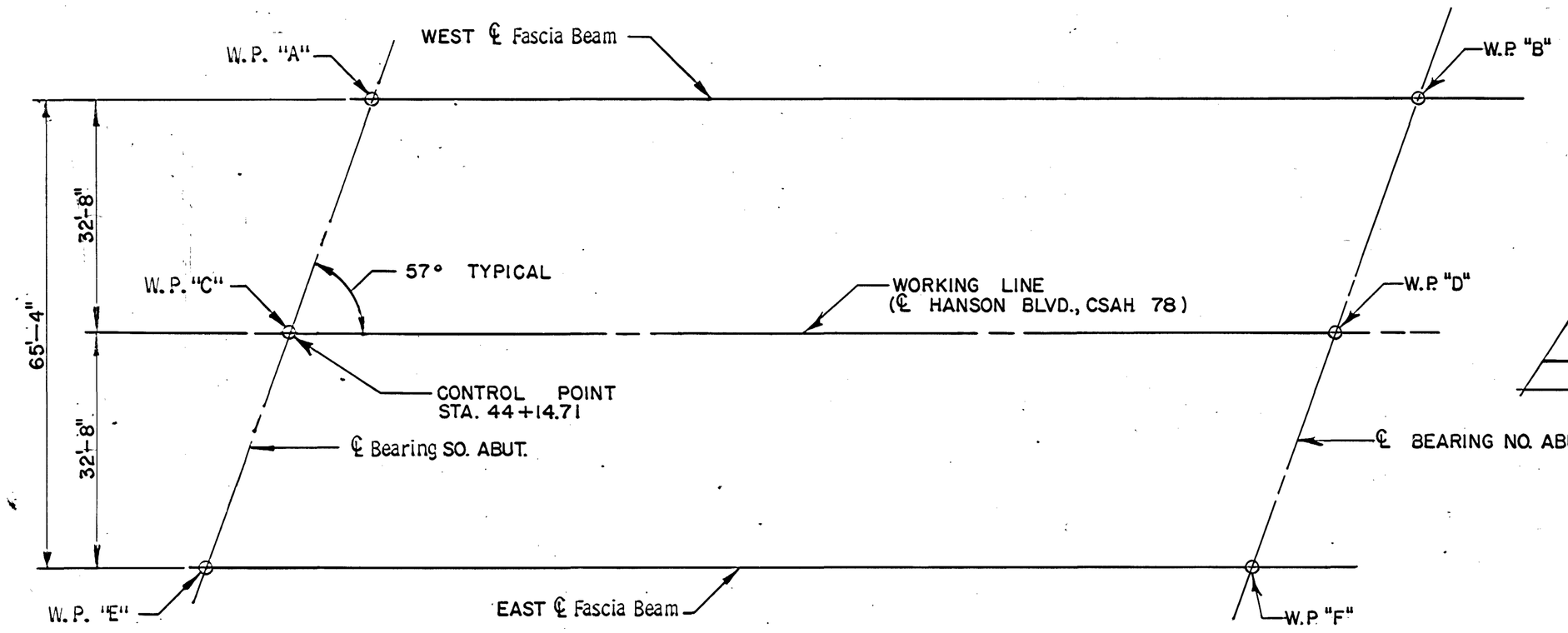
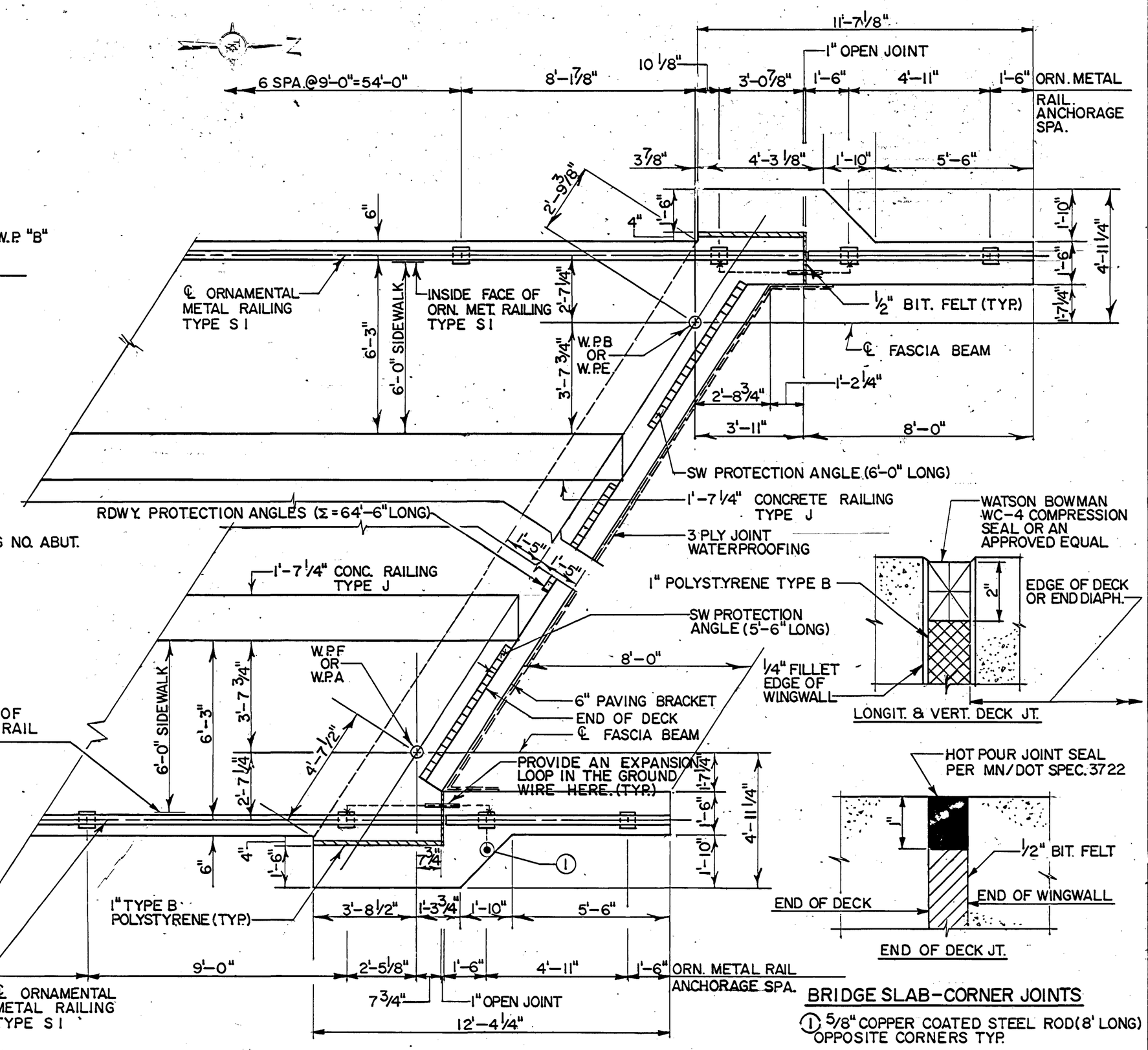


WORKING POINT LAYOUT
NO SCALE

NW CORNER
SE CORNER



BRIDGE SLAB-CORNER JOINTS

1 5/8" COPPER COATED STEEL ROD (8' LONG) OPPOSITE CORNERS TYP.

NE CORNER
SW CORNER

CORNER LAYOUT
NO SCALE

NOTE: "ELECTRICAL GROUNDS" SOLID NO. 6 GAGE COPPER WIRE SHALL BE CLAMPED OR BRAZED TO RAIL ANCHORAGES AT LOCATIONS SHOWN ON THIS SHEET. EXPANSION CONDUIT SLEEVES TO BE APPROVED BY THE ENGINEER, SHALL BE USED IN ALL CORNERS. FOR COPPER ROD EMBEDMENT, SEE ABUTMENT GEO. SHT. 3. ALL MATERIAL AND LABOR IS TO BE CONSIDERED INCIDENTAL TO THE COST OF THE BRIDGE.

DIMENSIONS BETWEEN WORKING POINTS																									ELEVATIONS			
POINT	STATION	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W	TOP OF SLAB	TOP OF RDWY TO BR. SEAT	BRIDGE SEAT	POINT
A	44+35.92		64.58	38.95	54.30	77.90	68.99																878.85	4.56	874.29	A
B	45+00.50			91.81	38.95	125.38	77.90																878.62	4.56	874.06	B
C	44+14.71				64.58	38.95	54.30																879.32			C
D	44+79.29					91.81	38.95																879.09			D
E	43+93.50						64.58																879.00	4.56	874.44	E
F	44+58.08																						878.77	4.56	874.21	F
G																										G
H																										H
J																										J
K																										K
L																										L
M																										M
N																										N
P																										P
Q																										Q
R																										R
S																										S
T																										T
U																										U
V																										V
W																										W

TOP OF ROADWAY TO BRIDGE SEAT (IN.)

	EXT. BMS.	INT. BMS
SLAB THICKNESS	11	9
STOOL HEIGHT	2 1/2	2 1/2
BEAM HEIGHT	40	40
BEARING HEIGHT	1 1/4	1 1/4
TOTAL	54 3/4	52 3/4

NOTE: BEAM SEAT DROPS ARE THE SAME FOR BOTH ABUTMENTS.

Fig. 5-397.008

S.A.P. NO. 02-678-03 Approved: June 4, 1980

TITLE: BRIDGE LAYOUT (1 - SPAN RT. SKEW)

DES: JDS | DR: LDM | APPROVED: 12-22-81
CHK: DHB | CHK: JDS

Sheet No. 2 of 16 Sheets

Bridge No. 02539