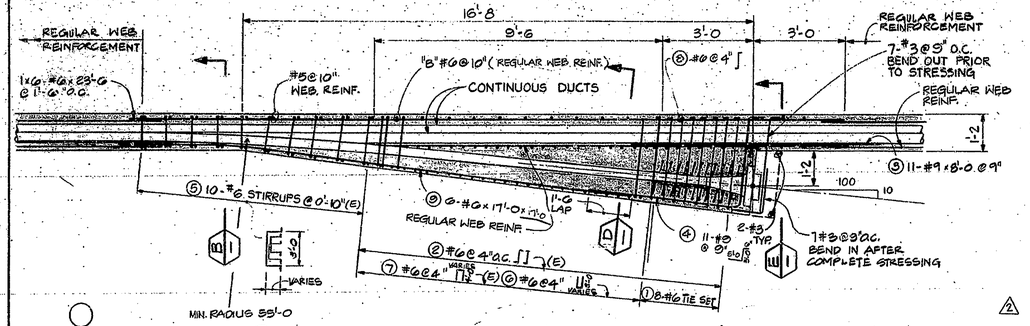
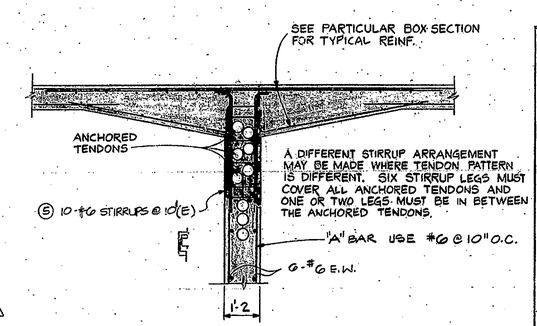


PLAN SECTION (A) 1/2" = 1'-0

NOTE: BLISTER DETAILS ON TOP PORTION OF THIS SHEET ARE "AS BUILT" AND ARE SUPERCEDED BY SHEET 920A.

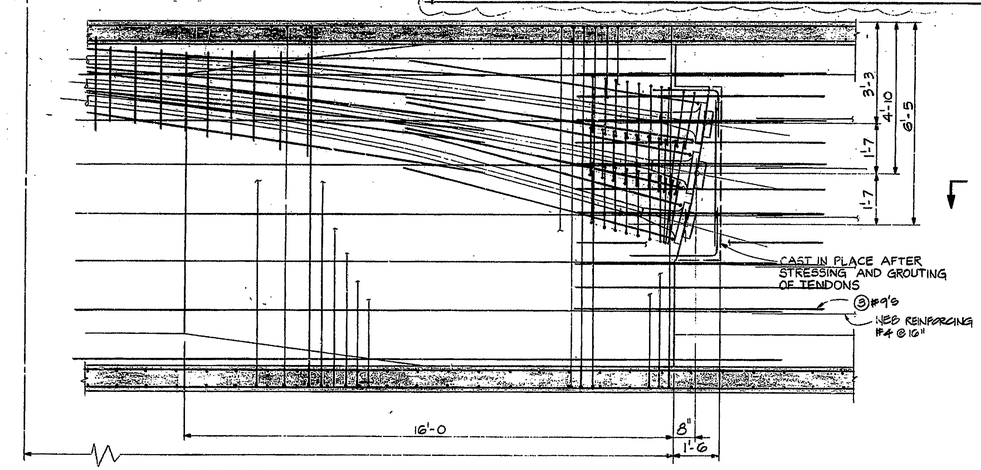


NOTES

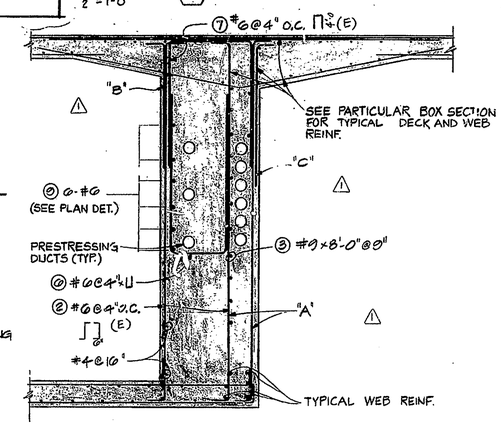
1. BARS IN TOP DECK SLAB ARE EPOXY COATED.
2. REBAR ARRANGEMENT OF DIFFERENT GROUPS OF TENDON EXCEPT SEGMENT 3.

REBAR TYPE	TENDON GROUP		
	3-29-1/2" ϕ TO 3-27-1/2" ϕ	3-13-1/2" ϕ TO 3-10-1/2" ϕ	3-12-1/2" ϕ
1	#5 TIE SET @ 4" O.C. WITH 6 LEGS.	#5 TIE SET @ 6" O.C. WITH 6 LEGS.	#4 TIE SET @ 6" O.C WITH 6 LEGS.
2	#6@4" O.C.	#5@4" O.C.	#5@6"
3	11-#8x8'-0 @ 9"	10-#8x8'-0 @ 9"	7-#8x8'-0 @ 9"
4	11-#8	10-#8	7-#8
5	10-#6 STIRRUPS 6 LEGS @ 9" O.C.	10-#5 STIRRUPS 6 LEGS @ 9" O.C.	10-#4 STIRRUPS 6 LEGS @ 12" O.C.
6	#6@6"	#5@4"	#5@6"
7	#6@6"	#5@4"	#5@6"
8	#6@4"	#5@4"	#5@4"
9	6-#6x17'-0	6-#6x17'-0	6-#5x17'-0

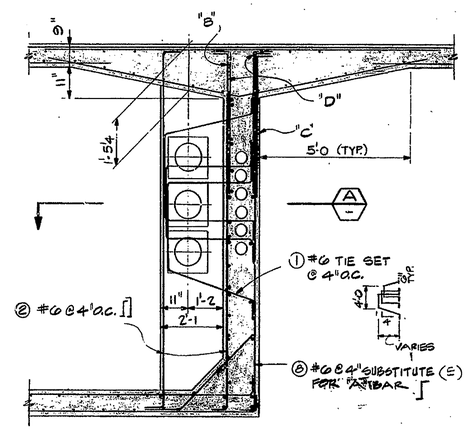
3. WEB WIDTH NEAR BLISTERS, MAYBE INCREASED TO SUIT THE REQUIREMENTS.



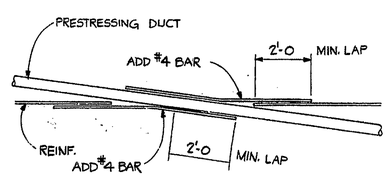
ELEVATION (C) 1/2" = 1'-0 TYP. BUILD-OUT FOR 3-31-1/2" ϕ TO 3-28-1/2 ϕ TENDONS



SECTION (D) 1/2" = 1'-0

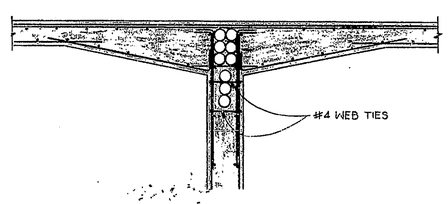


SECTION (E) 1/2" = 1'-0

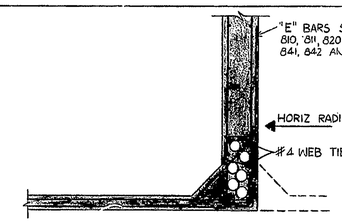


TYPICAL LONGITUDINAL REINF. ADJUSTMENT AT CONFLICTS WITH PRESTRESSING DUCTS

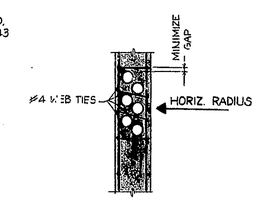
DETAIL SECTION (F) (TYP.) N.T.S.



SECTION (G) 1/2" = 1'-0 AT PIER (TYP.)
FROM SUPPORT TO 0.2ℓ POINT AND 0.8ℓ POINT TO SUPPORT



SECTION (H) 1/2" = 1'-0 AT LOW POINT (TYP.) OUTSIDE WEB
FROM 0.4ℓ POINT TO 0.6ℓ POINT



SECTION (J) 1/2" = 1'-0 AT MID-HEIGHT
FROM 0.2ℓ POINT TO 0.4ℓ POINT AND 0.6ℓ POINT TO 0.8ℓ POINT

NOTES:

1. WEB TIES FOR HORIZONTAL CURVATURE MUST BE PLACED IN ALL WEBS OF THE E.B.L AND W.B.L. BETWEEN THE FOLLOWING STATIONS:
   BEGIN P.C. 110 + 79.32 "EPR"
   END P.T. 125 + 77.46 "E"
   BEGIN P.C. 144 + 31.40 "E"
   END P.T. 154 + 81.43 "E"
2. SPACING SHALL MATCH SPACING OF "A" BARS.
3. WEB TIES ARE PLACED IN A HORIZONTAL PLANE AND MUST FIRMLY TIE TWO VERTICAL WEB BARS TOGETHER.

APPROVED FOR CONSTRUCTION
J.D. Martin
9-82

NO.	REVISION	DATE
2	WEB TIES	NOV. '81
1	"A", "B", "C" BARS	SEPT. '81

T. Y. LIN INTERNATIONAL
STRUCTURAL ENGINEERS

REID, QUEBE, ALLISON, WILCOX AND ASSOCIATES INC.
CONSULTING ENGINEERS

T.Y. Lin

WALSH CONSTRUCTION COMPANY
A DIVISION OF GUY F. ATKINSON CO.
DARIEN, CONNECTICUT

SHEET TITLE
TYPICAL PRESTRESSING DETAILS

CLINE AVENUE EXTENSION OVER INDIANA HARBOR CANAL
BRIDGE FILE: 812-45-2546 CONTRACT NO. E-11812
INDIANA STATE HIGHWAY COMMISSION

SHEET N.
920