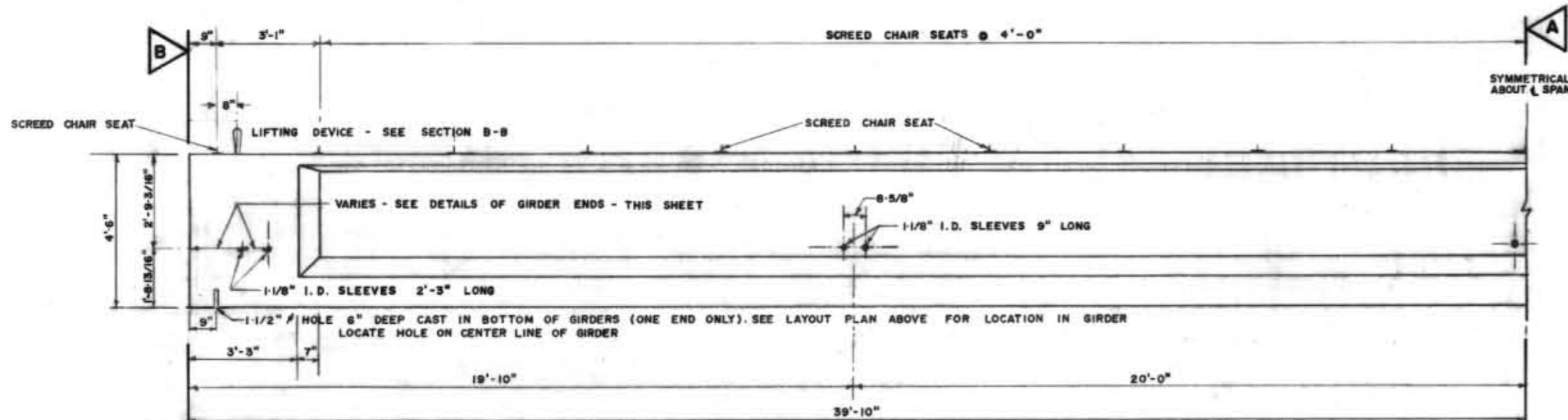


**GIRDER LAYOUT PLAN - NORTH BOUND STRUCTURE**  
(SOUTH BOUND STRUCTURE SIMILAR)

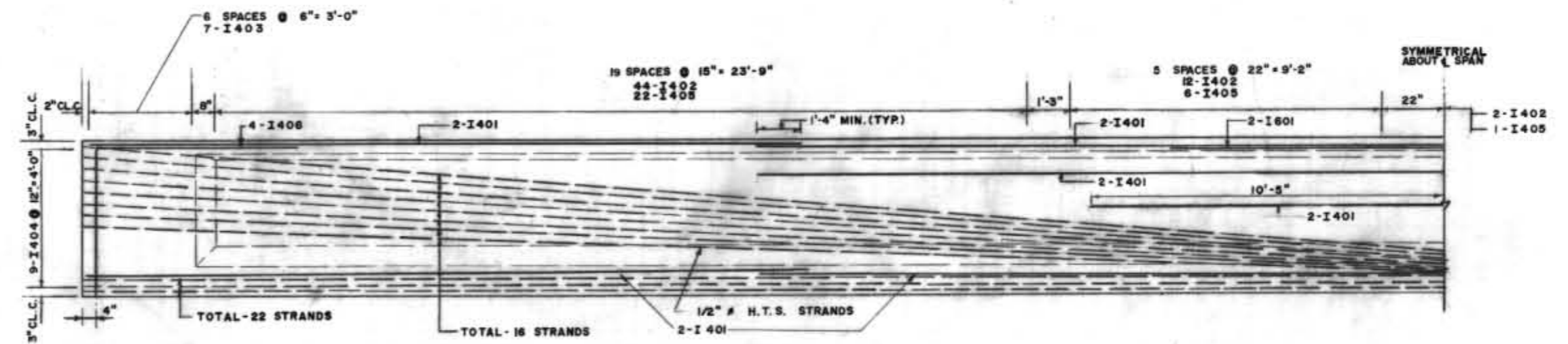
SCALE 1/16" = 1' - 0"

BILL OF REINFORCING STEEL FOR EACH GIRDER				
MARK	NO.	SIZE	LENGTH	SHAPE
I 401	2	6	16'-0"	
I 401	22	4	20'-10"	
I 402	114	4	8'-10"	
I 403	14	4	13'-2"	
I 404	1	4	2'-1"	
I 405	57	4	1'-7"	
I 406	8	4	10'-4"	
I 407	4	4	4'-2"	
1-1/8" I.D. SLEEVES 9" LONG - 6 EACH FOR GIRDERS 2, 3, 4 1-1/8" I.D. SLEEVES 2'-3" LONG - 4 EACH FOR GIRDERS 2 & 4 1-1/8" I.D. SLEEVES 2'-3" LONG - 6 FOR GIRDER 3 ONLY 11-1/2" x 4'-4" SCREED PLATES FOR EACH GIRDER THREADED INSERTS - 10 EACH FOR GIRDERS 1 & 5 HIGH TENSILE STRANDS 1/2" - 7 x 3/23				



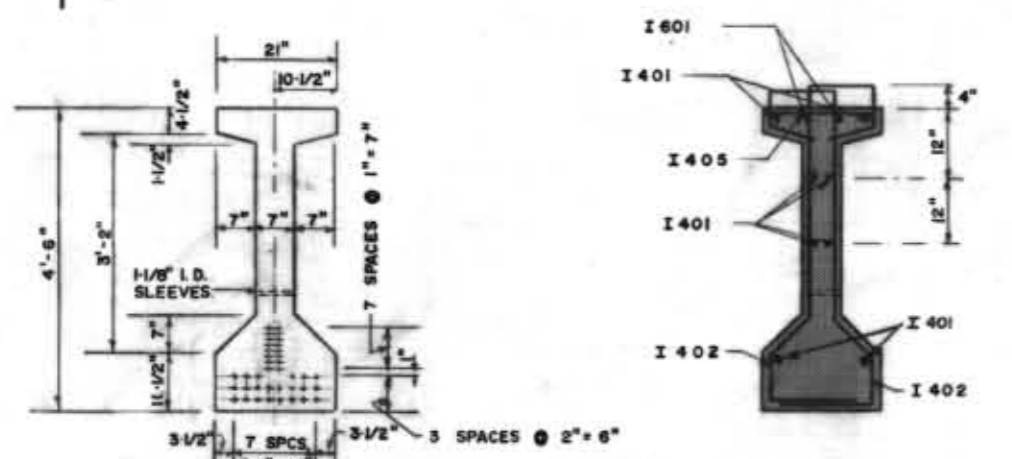
**HALF GIRDER ELEVATION - CONCRETE DETAILS**

SCALE 3/8" = 1' - 0"



**HALF GIRDER ELEVATION - REINFORCING DETAILS**

SCALE 3/8" = 1' - 0"

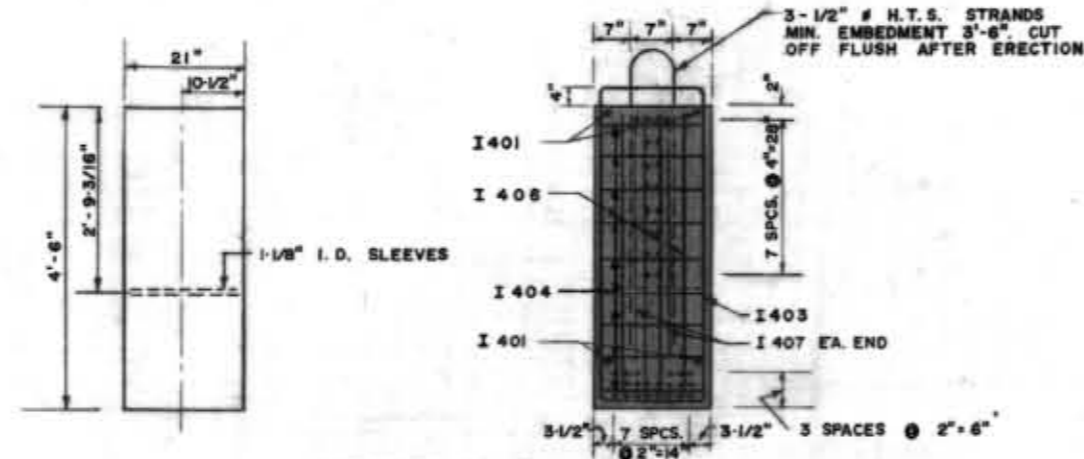


**SECTION A-A**

CONCRETE DETAILS

SCALE 1/2" = 1' - 0"

REINFORCING DETAILS

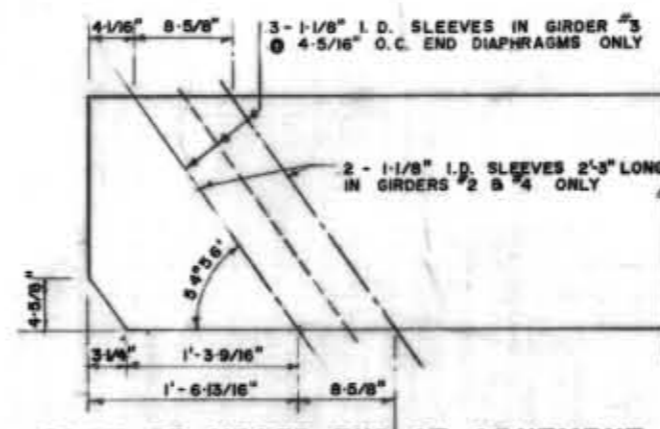


**SECTION B-B**

CONCRETE DETAILS

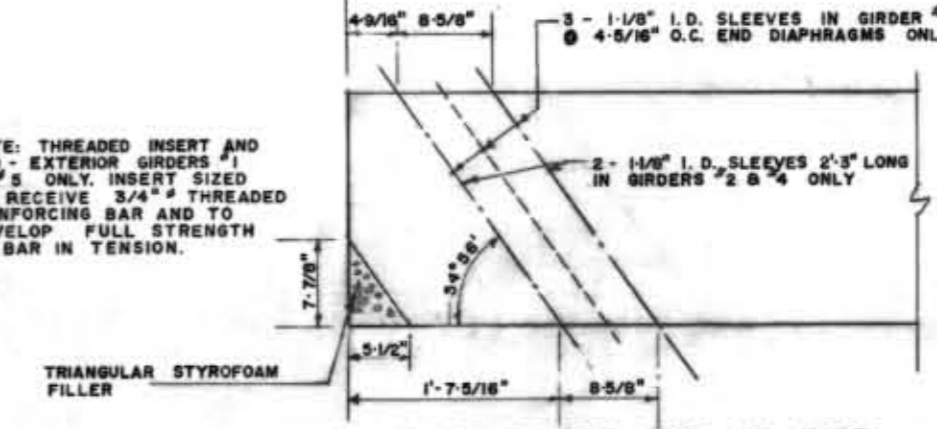
SCALE 1/2" = 1' - 0"

REINFORCING DETAILS



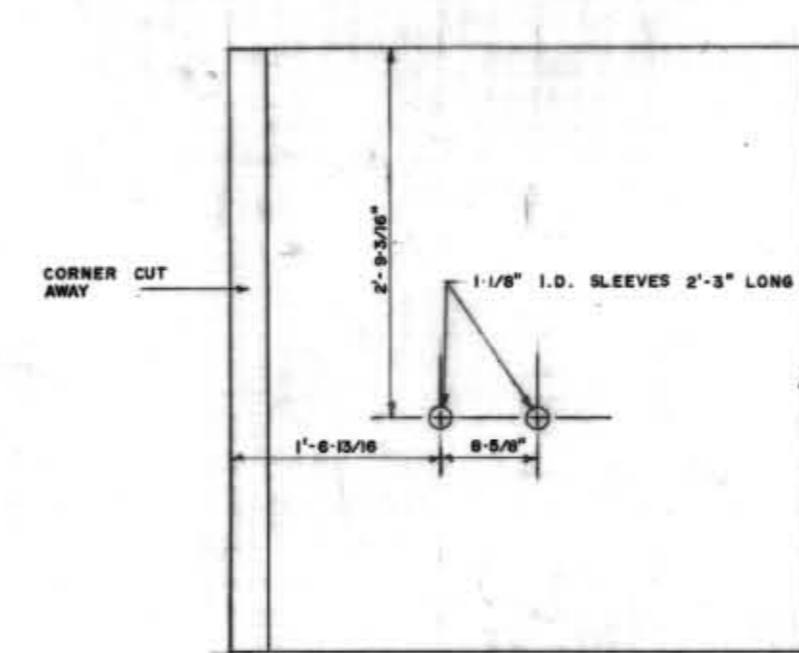
**PLAN OF GIRDER END AT ABUTMENT**

SCALE 1" = 1' - 0"



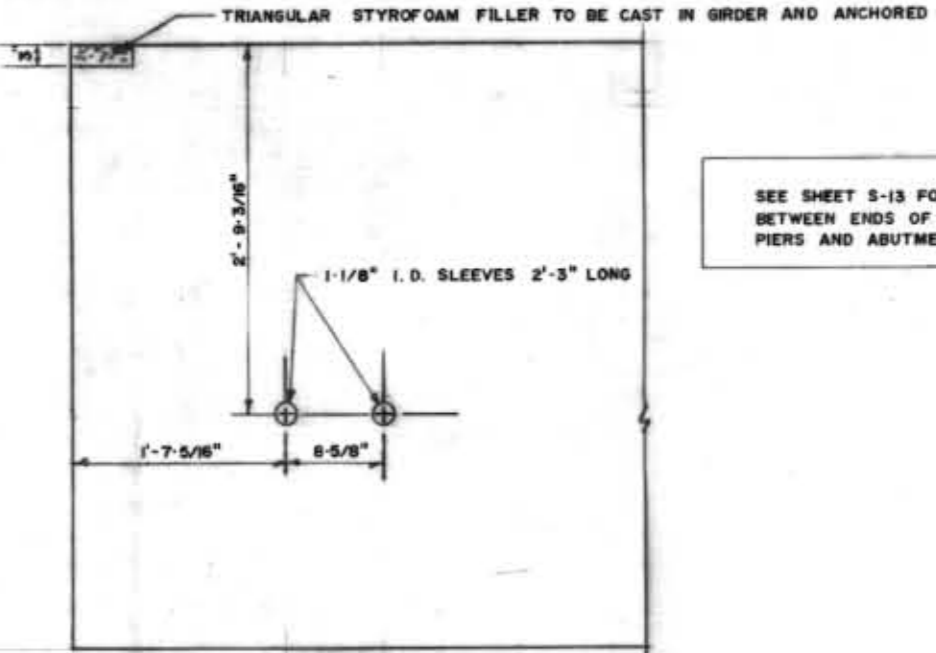
**PLAN OF GIRDER END AT PIER**

SCALE 1" = 1' - 0"



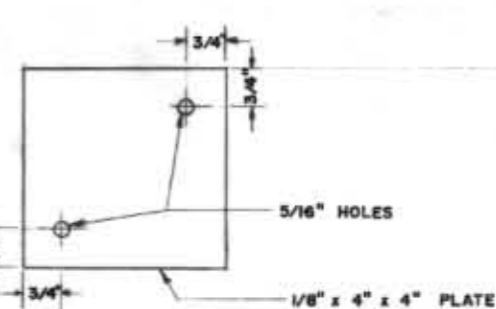
**ELEVATION OF GIRDER END AT ABUTMENT**

SCALE 1" = 1' - 0"



**ELEVATION OF GIRDER END AT PIER**

SCALE 1" = 1' - 0"



**SCREED CHAIR SEAT**

SCALE 3/8" = 1' - 0"

BEAM FABRICATOR TO SUPPLY SCREED CHAIR SEATS @ TWO 6" NAILS PER SEAT. SEATS SHALL BE PLACED SUCH THAT THE TOP SURFACE IS FLUSH WITH TOP SURFACE OF CONCRETE BEAM WITH TWO EDGES OF SEAT PARALLEL TO EDGES OF TOP FLANGE. SCREED CHAIR SEATS WILL BE AS INDICATED ON LONGITUDINAL E OF BEAM.

- NOTE: 1. ALL GIRDERS 79'-8" LONG.  
 2. EDGES OF CONCRETE SHALL BE CHAMFERED 3/4"  
 3. INITIAL PRESTRESS FORCE IN EACH H.T.S. STRAND - 25.2 KIPS  
 4. CLEAR COVER TO REINFORCING STEEL FOR PRECAST BEAMS - 1" MIN.  
 5. BOTTOM EDGES OF PRECAST BEAMS SHALL BE ROUNDED TO 5/4" RADIUS  
 6. DIMENSIONAL TOLERANCES:  
 LENGTH ± 1/4"  
 CROSS SECTION ± 1/8"

**AS BUILT**  
 APPROVED *P.J. Dennis*

SEE SHEET S-13 FOR CLEARANCES BETWEEN ENDS OF GIRDERS AND PIERS AND ABUTMENTS.