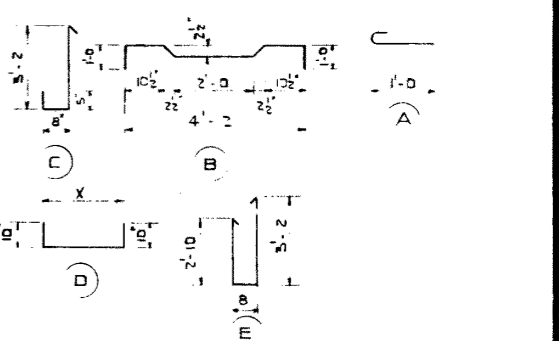


BAR LIST For unskewed Girder									
MARK	SIZE	NO.	SYM.	LOC.	ENGIN.	WEIGHT			
S 301	3	128	A		1'-6	72			
S 401	4	14	Str.		21'-0	196			
S 402	4	48	B		6'-4	203			
S 501	5	98	Str.		4'-9	486			
T 401	4	46	C		4'-9	146			
D 601	6	4	D	4'-2	5'-10	35			
D 602	6	4	D	5'-0	6'-8	40			
T 402	4	12	E		7'-6	61			
T 601	6	24	Str.		2'-11	105			

BAR TYPES:  
(All bar dimensions are out to out)



GENERAL NOTES:  
DESIGN  
A.A.S.H.O. 1961 Specification  
Loading: 0.90 of one wheel line of an H20-S16-44 truck plus full dead load plus 2 wearing surface

MATERIALS  
Concrete shall be of standard weight aggregate with a maximum size of 3/4". Minimum compressive strength shall be 5000 p.s.i. at 28 days. Entrained air shall be not less than 5%.  
Prestressing steel is 3/4" x 7 wire strand.  
FABRICATION  
Reinforcement: Diameters of all bends shall conform to the recommended sizes and all hooks, unless otherwise noted, shall conform to the recommended sizes detailed in the A.C.I. Manual of Standard Practice for Detailing Reinforced Concrete Structures.  
Prestressing steel: Initial tensioning load: 25.2% strand Design Load. 20.2% strand.  
Concrete must attain 4000 p.s.i. compressive strength before the prestressing force is transferred.  
Galvanizing shall be in accordance with A.S.T.M. Spec. A153.

ERECTOR'S NOTE:  
Lifting eye of each hook must be vertical at all times.  
Girder surface must be level at all times.  
**SUPERSEDED**  
APR 9 - 1973  
BY S-875-73

**SUPERSEDED**  
PRESTRESSED CONCRETE  
40'-0" TYPE FC GIRDER

NO.	DATE	DESCRIPTION	BY
1	Mar. 3/69	Shoe Plate Anchor Bar	T.B.
2	Nov. 12/68	1" hole & galv shoe pl.	R.Ch.
3	Apr. 23/68	T 401 bars quantity changed	P.C.
4	Nov. 30/67	General Revisions	D.C.
5	Nov. 5/65	Drawn from Dwg. S-848	R.C.

DESIGNED BY L. Kohlmann  
DATE February 16, 67  
CHECKED BY  
DATE

FILE NO.	HWY. NO.	DWG. NO.
LOCATION	SCALE	5-875
STREAM	SHEET OF	