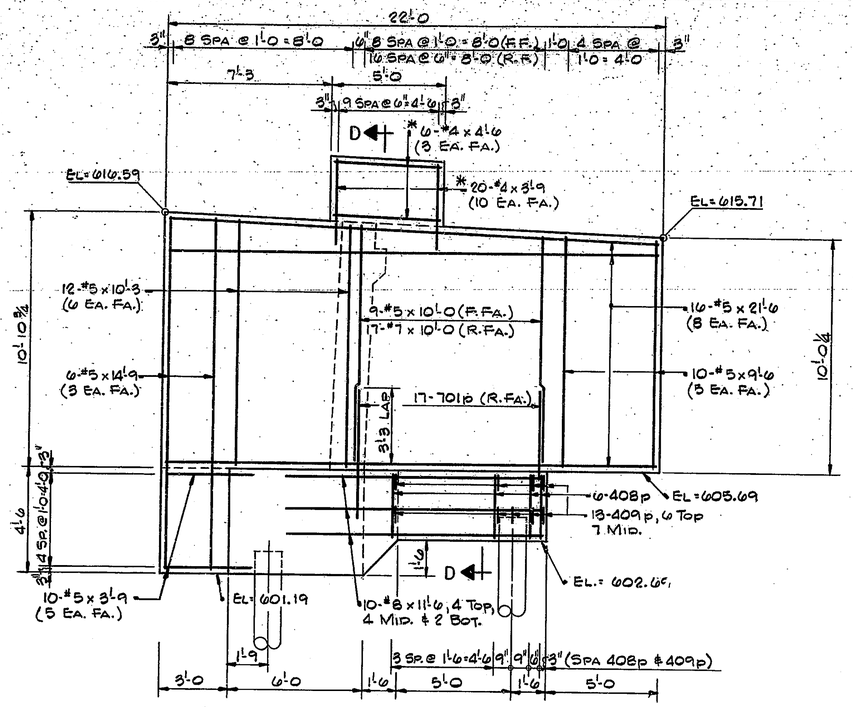
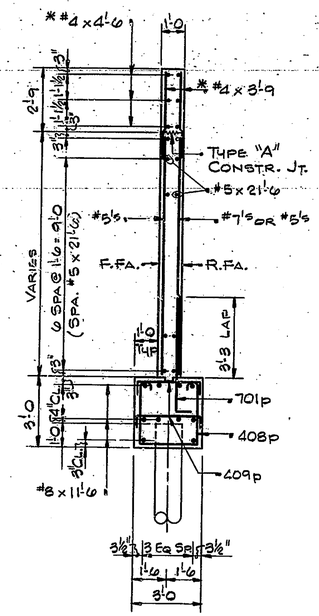
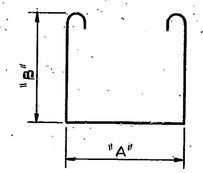


WING ELEVATION
SCALE 3/8" = 1'-0

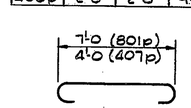


SECTION D-D
SCALE 3/8" = 1'-0

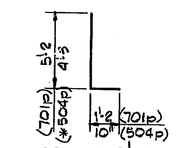
MARK	"A"	"B"	"L"
501p	1'-3	11'-7	24'-5
502p	1'-3	9'-7	20'-5
504p	4'-1	2'-4	8'-9
402p	3'-8	8"	7'-0
404p	3'-11	8"	5'-3
406p	1'-1	2'-0	5'-1
409p	2'-8	8"	4'-0
410p	3'-2	1'-6	6'-2



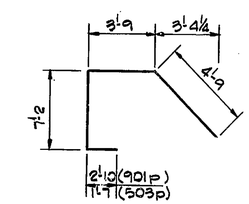
MARK	"A"	"B"	"L"
401p	5'-8	4'-2	15'-0
403p	3'-11	4'-2	13'-3
408p	2'-8	2'-8	9'-0



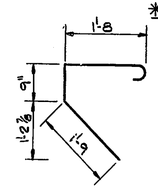
407p X 5'-0
801p X 8'-10



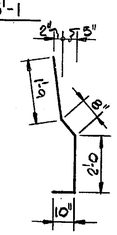
701p X 6'-4
*504p X 5'-1



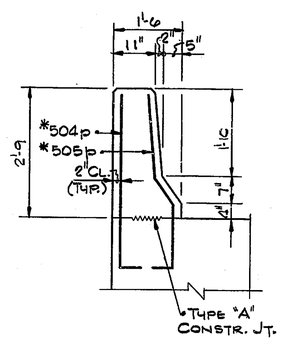
901p X 18'-6
503p X 17'-3



405p X 4'-8



*505p X 5'-3



SECTION C-C
SCALE 3/8" = 1'-0

Notes:
* Indicates Epoxy Coated Reinf. Req'd.
For Reinf. Bar Notes, See Br. Std. C1.
For Type "A" Constr. Jt., See Br. Std. C8.
For Additional Notes & Details, See Sht. 201

BILL OF MATERIALS

REINFORCING STEEL			
Size & Mark	No. of Bars	Length	Weight (Lbs.)
901p	3	18'-6	
#9	20	27'-9	
	Total #9		2,076
801p	3	8'-10	
#8	10	11'-6	
	Total #8		378
701p	17	6'-4	
#7	17	10'-0	
	Total #7		568
501p	27	24'-5	
502p	2	20'-5	
503p	1	17'-3	
* 504p	3	5'-1	
* 505p	3	5'-3	
506p	4	8'-9	
#5	2	27'-9	
#5	16	21'-6	
#5	6	12'-9	
#5	12	10'-3	
#5	9	10'-0	
#5	10	9'-6	
#5	10	3'-9	
	Total #5 E.C.		32
	Total #5		1,654
401p	21	15'-0	
402p	47	7'-0	
403p	4	13'-3	
404p	9	5'-3	
405p	27	4'-8	
406p	8	5'-1	
407p	7	5'-0	
408p	6	9'-0	
409p	13	4'-0	
410p	28	6'-2	
#4	18	28'-0	
#4	2	26'-3	
* #4	6	4'-6	
* #4	20	3'-9	
	Total #4 E.C.		68
	Total #4		1,189
Total Reinf. E.C.			100
Total Reinf.			5,865
Concrete			Cys.
Class "A" Conc.			
Pour No. 1			27.1
Pour No. 2			8.5
Pour No. 3			9.0
Pour No. 4			10.7
Pour No. 5			4.7
Pour No. 6			0.5
Total Class "A" Conc.			60.5
Class "C" In Barrier Railing			0.2
Miscellaneous			Q.Ty.
7 High Capacity Piles @ 110 Lft. Ea. Approx.			770 Lft.
7 Steel Pipe Sleeves @ 85 Lft. Ea. Approx.			595 Lft.

N. | REVISION | DATE

T. Y. LIN INTERNATIONAL
STRUCTURAL ENGINEERS
REID, QUEBE, ALLISON, WILCOX AND ASSOCIATES INC.
CONSULTING ENGINEERS
APRIL 24, 1980

HANAN C. WILCOX REGISTERED No. 13050 STATE OF INDIANA PROFESSIONAL ENGINEER

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

SHEET TITLE
BENT No. 301 DETAILS & BILL OF MATERIALS
CLINE AVENUE EXTENSION OVER INDIANA HARBOR CANAL
BRIDGE FILE: 912-45-2546 CONTRACT NO. 8-11G12
INDIANA STATE HIGHWAY COMMISSION

SHEET N.
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