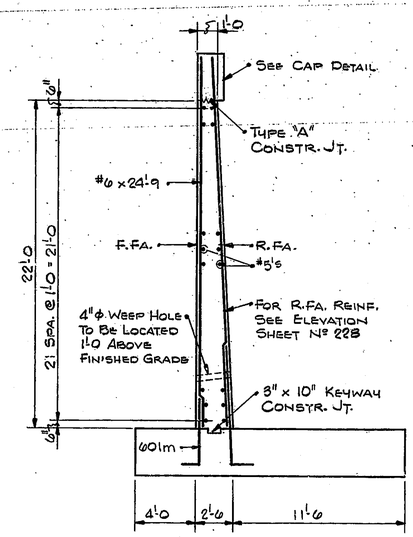
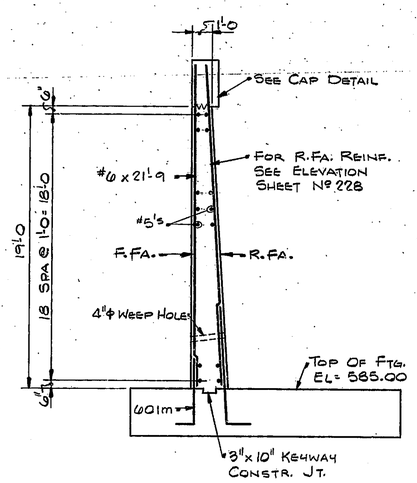
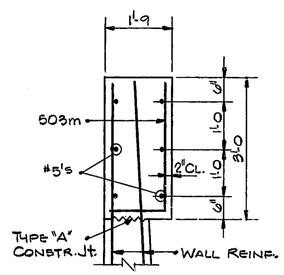


SECTION A-A
Scale 1/2" = 1'-0

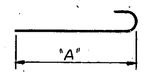


SECTION B-B
Scale 1/2" = 1'-0

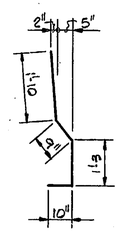


CAP DETAIL
No Scale

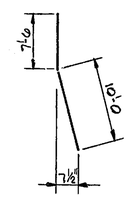
Mark	"A"	"B"	"L"
503m	2'-8	1'-5	4'-1
* 505m	4'-3	10"	5'-1
601m	4'-7	1'-0	5'-7
801m	13'-8	1'-4	15'-0
901m	7'-8	1'-7	9'-3
1001m	14'-8	1'-10	16'-6
1002m	7'-11	1'-10	9'-9
1101m	7'-8	2'-0	9'-8
1102m	16'-2	2'-0	18'-2



Mark	"A"	"L"
501m	33'-6	34'-1
502m	40'-3	40'-10
504m	10'-6	11'-1



* 506m X 4'-8



602m X 17'-6

BILL OF MATERIALS

REINFORCING STEEL (CON'T.)			
Size & Mark	Nº Of Bars	Length	Weight (Lbs.)
501m	25	34'-1	
502m	22	40'-10	
503m	167	4'-1	
504m	47	11'-1	
* 505m	27	5'-1	
* 506m	27	4'-8	
#5	48	40'-6	
	66	40'-3	
	18	40'-0	
	75	33'-6	
	80	13'-0	
	70	12'-0	
#5	47	10'-6	
	Total #5		13,726
	Total #5 E.C.		275
* #4	6	13'-0	
* #4	6	12'-0	
	Total #4 E.C.		100
	Total Reinf.		96,422
	Total E.C. Reinf.		375
Concrete (f'c = 4000 psi)			C4S
Class "B" In Ftg.			
Pour Nº 1			88.2
Pour Nº 2			84.8
Pour Nº 3			92.2
Pour Nº 4			85.2
Total Class "B"			350.4
Class "A" In Substr.			
Pour Nº 5			35.4
Pour Nº 6			35.6
Pour Nº 7			35.6
Pour Nº 8			36.9
Pour Nº 9			34.7
Pour Nº 10			36.9
Pour Nº 11			30.6
Pour Nº 12			14.7
Pour Nº 13			1.5
Pour Nº 14			25.3
Pour Nº 15			12.8
Pour Nº 16			1.4
Pour Nº 17			14.6
Pour Nº 18			17.2
Total Class "A"			333.2

REINFORCING STEEL			
Size & Mark	Nº Of Bars	Length	Weight (Lbs)
1101m	13	9'-8	
1102m	14	18'-2	
#11	59	21'-6	
	Total #11		8,758
1001m	159	16'-6	
1002m	155	9'-9	
#10	237	17'-6	
#10	24	5'-0	
	Total #10		36,155
901m	12	9'-3	
#9	31	21'-6	
	Total #9		2,044
801m	13	15'-0	
#8	14	24'-0	
#8	71	17'-9	
#8	84	14'-9	
#8	13	9'-9	
	Total #8		8,429
601m	194	5'-7	
602m	14	17'-6	
#6	48	40'-9	
	18	40'-6	
	77	24'-9	
	14	24'-0	
	102	21'-9	
	2	21'-6	
	13	21'-0	
	196	17'-6	
	99	14'-9	
	22	13'-0	
	13	12'-9	
	22	12'-6	
	12	12'-0	
	86	11'-9	
	13	10'-0	
	4	7'-0	
	24	6'-0	
#6	384	5'-0	
	Total #6		26,710

Notes:
For Reinf. Bar Notes, See Br. Std. C1.
* Indicates Epoxy Coated Reinf. Bars Req'd.
For Type "A" Constr. Jt., See Br. Std. C3.

N.	REVISION	DATE

T. Y. LIN INTERNATIONAL
STRUCTURAL ENGINEERS

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

APRIL 24, 1980

SHAWN D. FAIRE REGISTERED No. 13050 STATE OF INDIANA PROFESSIONAL ENGINEER

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

SHEET TITLE
RETAINING WALL DETAILS & BILL OF MATERIALS

CLINE AVENUE EXTENSION OVER INDIANA HARBOR CANAL
BRIDGE FILE. 912-45-2546 CONTRACT NO. 8-11612 INDIANA STATE HIGHWAY COMMISSION

SHEET N.
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