F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2666	00-00254-01-BR	LAKE	70	50
STA. 98+50	TO STA. 107+57			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

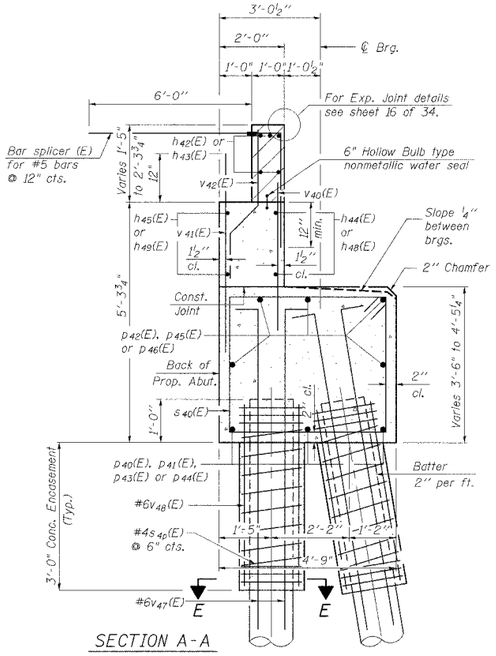
Sheet 27 of 35 Sheets
PROJECT NO. BHM-8003(213)
CONTRACT NO. 83875

BILL OF MATERIAL

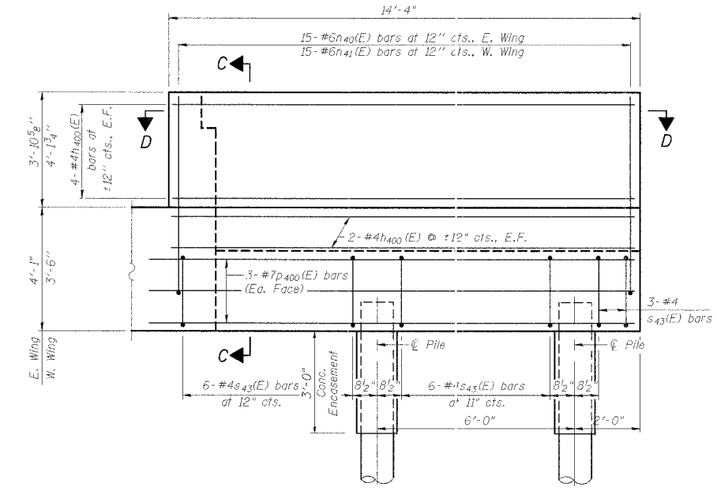
BAR	NO.	SIZE	LENGTH	SHAPE
h_{40}(E)	8	#5	7'-0"	
h_{41}(E)	8	#5	7'-0"	
h_{42}(E)	12	#6	30'-6"	
h_{43}(E)	8	#6	25'-0"	
h_{44}(E)	4	#5	21'-10"	
h_{45}(E)	4	#5	25'-0"	
h_{46}(E)	2	#5	9'-3"	
h_{47}(E)	4	#5	21'-7"	
h_{48}(E)	8	#5	23'-3"	
h_{49}(E)	4	#5	24'-8"	
h_{400}(E)	24	#4	14'-0"	
n_{40}(E)	15	#6	13'-8"	
n_{41}(E)	15	#6	14'-10"	
p_{40}(E)	3	#7	27'-8"	
p_{41}(E)	3	#7	22'-7"	
p_{42}(E)	10	#7	21'-4"	
p_{43}(E)	3	#7	27'-8"	
p_{44}(E)	3	#7	17'-4"	
p_{45}(E)	5	#7	24'-2"	
p_{46}(E)	5	#7	30'-0"	
p_{47}(E)	4	#6	21'-1"	
p_{48}(E)	1	#6	17'-5"	
p_{49}(E)	1	#6	12'-6"	
p_{400}(E)	12	#7	14'-0"	
s_{40}(E)	73	#4	15'-11"	
s_{41}(E)	16	#4	9'-9"	
s_{42}(E)	36	#4	5'-1"	
s_{43}(E)	30	#4	9'-5"	
s_{4p}(E)	17	#4	50'-0"	
u_{40}(E)	4	#6	9'-5"	
u_{41}(E)	4	#6	8'-9"	
v_{40}(E)	88	#5	3'-7"	
v_{41}(E)	88	#5	3'-10"	
v_{42}(E)	88	#4	4'-0"	
v_{43}(E)	45	#5	2'-3"	
v_{44}(E)	45	#4	3'-6"	
v_{45}(E)	45	#5	4'-9"	
v_{46}(E)	46	#5	1'-10"	
v_{47}(E)	102	#6	8'-0"	
v_{48}(E)	102	#5	4'-0"	
Concrete Structures		Cu. Yd.	96.0	
Reinforcement Bars, Epoxy Coated		Pound	9440	
Furnishing Metal Pile Shells, 12"		Foot	840	
Driving and Filling Shells		Foot	840	
Test Pile Metal Shells		Each	1	
Bar Splicers		Each	128	

NOTES:

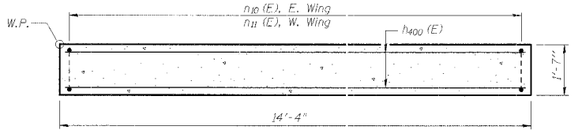
1. Work this sheet with sheet 26 of 34.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. For Bar Splicer details see sheet 29 of 34.
4. Cast steps monolithically with cap.
5. Space cap reinforcement to miss anchor bolts.
6. Hatched area to be poured after superstructure forms have been removed. Quantity of concrete included with concrete superstructure.



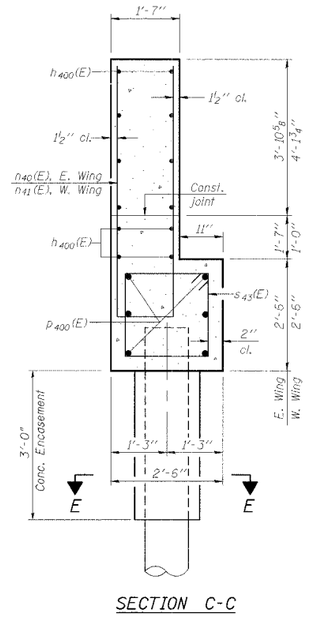
SECTION A-A



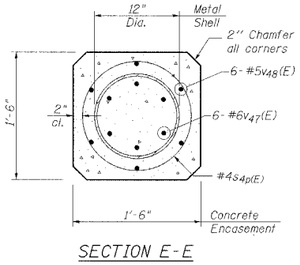
WING WALL ELEVATION



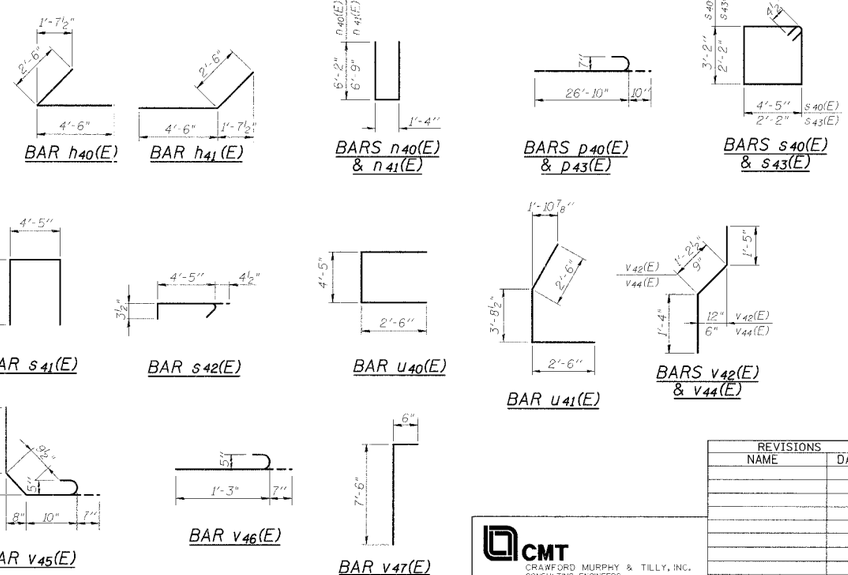
SECTION D-D



SECTION C-C



SECTION E-E



REVISIONS	
NAME	DATE

CMT
CRAWFORD MURPHY & TILLY, INC.
CONSULTING ENGINEERS
SPRINGFIELD, IL ■ AURORA, IL ■ ST. LOUIS, MO
ROCKFORD, IL ■ PEORIA, IL ■ CHICAGO, IL

LAKE COUNTY DIVISION OF TRANSPORTATION

NORTH ABUTMENT DETAILS

BUFFALO GROVE ROAD
AT INDIAN CREEK BRIDGE
SECTION 00-00254-01-BR STATION 101+50.00
LAKE COUNTY STRUCTURE NO. 049-3043
SCALE: NONE DRAWN BY: TBW
DATE: 7/21/06 CHECKED BY: ATI, WK

SOUTH ABUTMENT DETAILS

PLAN / PROFILE — SURFACED / SURFACE TO / ALIGNMENT CHECKED / GRADES CHECKED / FINAL INSPECTION / NOTE BOOK / NO. — BY / DATE

I:\lakeco\0220113\drawl\sheets\struct\6-16-06\prop north abut details.dgn