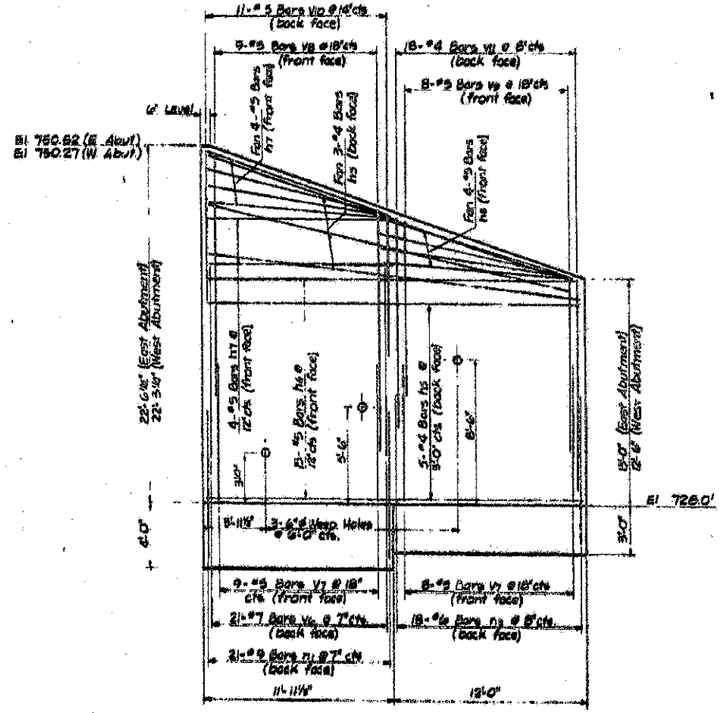
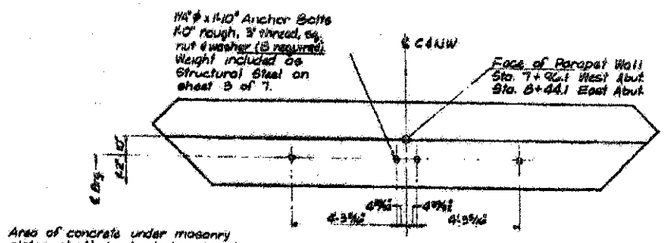
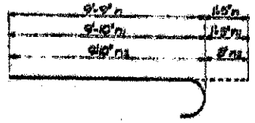


ELEVATION
WINGWALL



Area of concrete under masonry plates shall be bush-hammered if necessary. To insure that plates will set at the correct elevation, a rich cement grout shall be spread over the bush-hammered area just before the masonry plates are set.

PLAN - ANCHOR BOLT LAYOUT



BARS n, n1 & n2

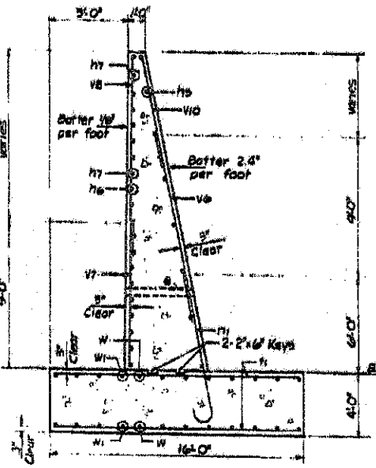
BILL OF MATERIAL - SUBSTRUCTURE*

BAR	NO.	SIZE	LENGTH	SHAPE
h	39	#5	18'-0"	
h1	16	#4	19'-6"	
h2	8	#4	20'-0"	
h3	72	#5	8'-10"	
h4	20	#4	8'-2"	
h5	32	#4	23'-6"	
h6	60	#5	23'-0"	
h7	32	#5	12'-0"	
h8	16	#5	19'-0"	
n	66	#10	11'-8"	
n1	66	#8	11'-1"	
n2	72	#6	10'-6"	
℄	144	#6	19'-6"	
t1	144	#7	19'-0"	
t2	60	#7	10'-0"	
t3	66	#10	17'-6"	
t4	52	#8	19'-6"	

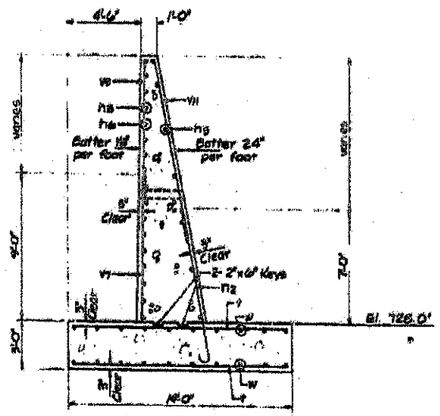
BAR	NO.	SIZE	LENGTH	SHAPE
V	58	#5	9'-5"	
V1	36	#5	9'-0"	
V2	66	#8	18'-0"	
V3	20	#6	7'-7"	
V4	20	#6	6'-0"	
V5	56	#6	5'-5"	
V6	56	#7	12'-5"	
V7	68	#5	9'-0"	
V8	36	#5	16'-9"	
V9	32	#5	17'-5"	
V10	66	#5	9'-5"	
V11	72	#4	18'-0"	
W	144	#5	12'-0"	
W1	32	#5	19'-0"	
W2	32	#5	16'-6"	

Item	Quantity
Class K Concrete, C.Y. Yds.	376
Reinforcement Bars, Lbs.	39,075

* Includes 2 abutments and 4 wingwalls



SECTION B-B



SECTION C-C

WINGWALLS
C. & N.W. RY. OVER F.A.S. RTE. 106
C.H. ROUTE 13 (ILL. RTE. 25)
SECTION 49-SB-1
KANE COUNTY, ILLINOIS

WALTER E. HANSON COMPANY
STRUCTURAL ENGINEERS
CONSULTANTS

Job No. 69028
Oct. 19, 1971

SHEET 7 OF 7

FOR INFORMATION ONLY

benesch
engineers · scientists · planners

Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10074

FILE NAME = Exist_Plans_007.dgn	USER NAME = rg-imm	DESIGNED - JLS	REVISED -
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	PLOT SCALE =	DRAWN - RMG	REVISED -
	PLOT DATE = 12/13/2012	CHECKED - LRB	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

M.P. 37.71 BELVIDERE SUBDIVISION – EXISTING BRIDGE
EXISTING PLANS SHEET (7 OF 7)
SHEET NO. UP-52 OF UP-52 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
361	06-00214-18-RP	KANE	451 | 312
		CONTRACT NO. 63598	
	ILLINOIS FED. AID PROJECT		

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