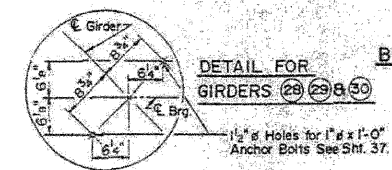
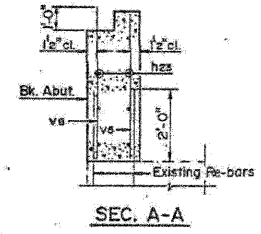
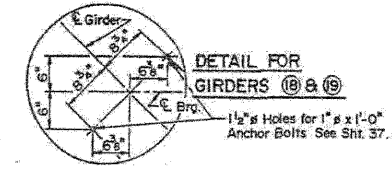
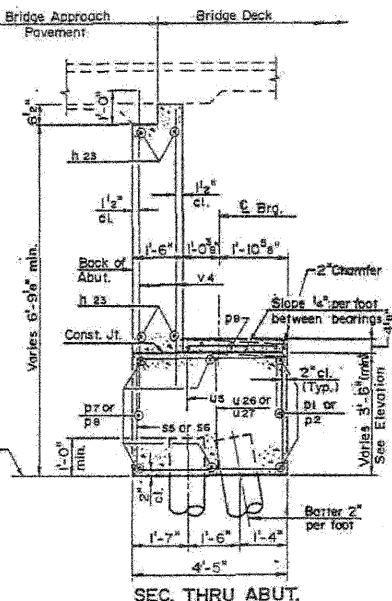
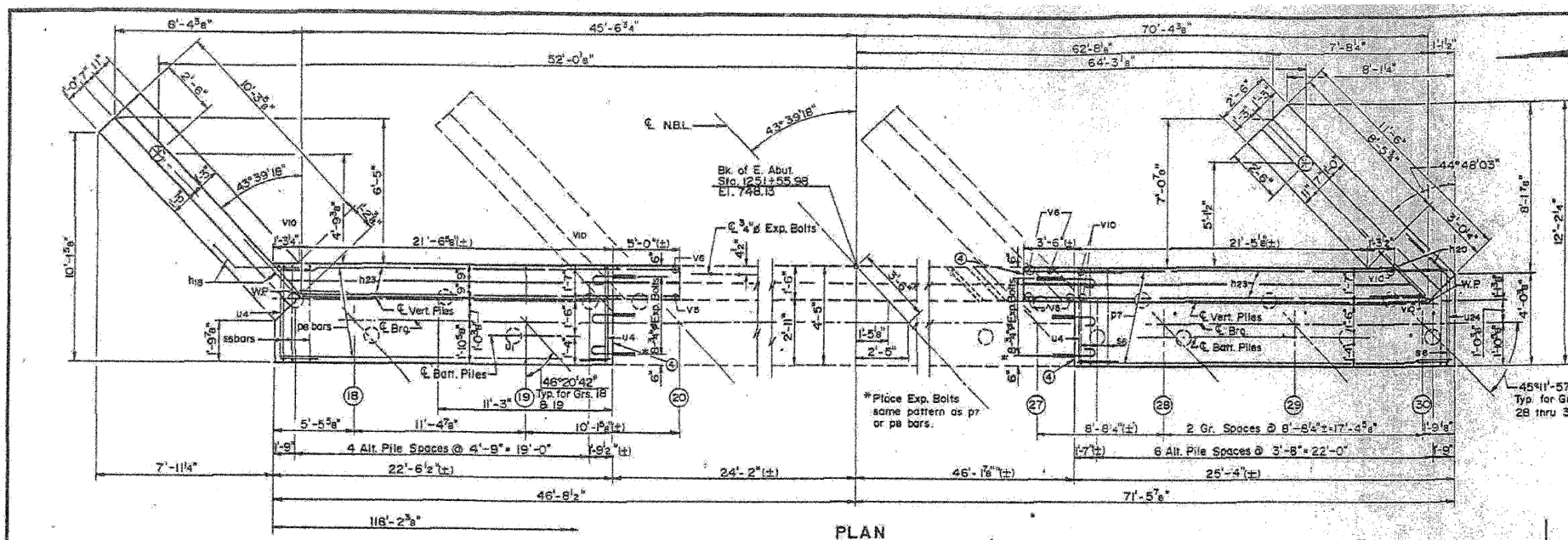


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

22-5HB-1 & 22-11B-9	SECTION	DUPAGE	131	III
F.A.P. 431	DU PAGE			
SHEET 25 OF 45				

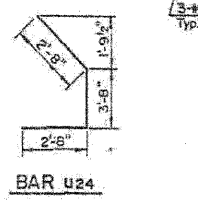
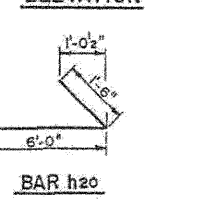
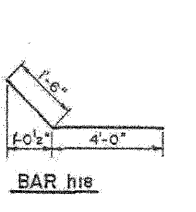
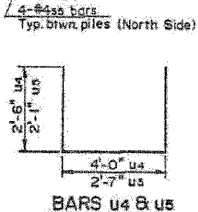
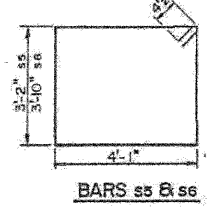
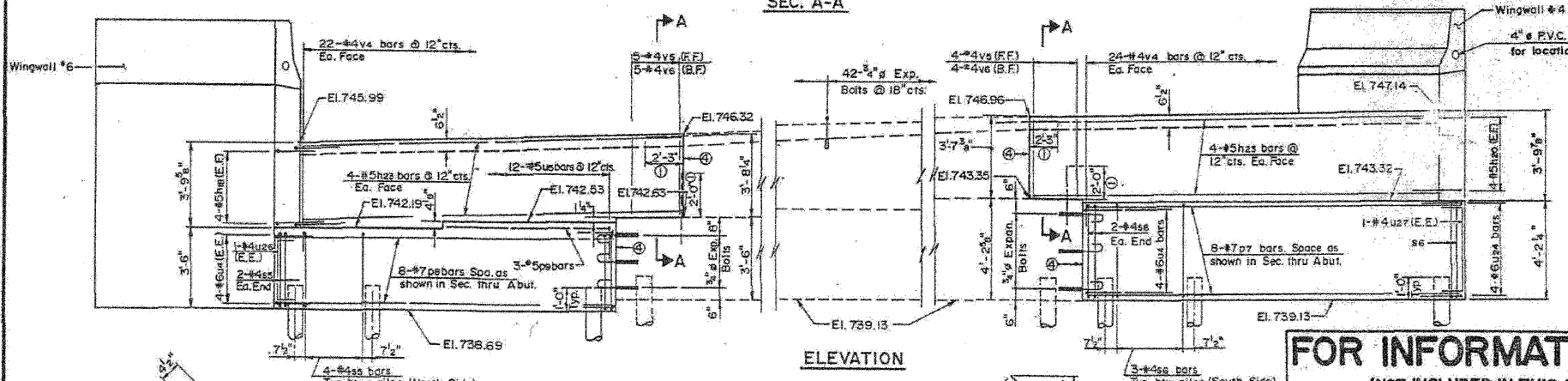


BILL OF MATERIALS

Bar	No.	Size	Length	Shape
h18	8	#5	5'-6"	
h20	8	#5	5'-6"	
h23	16	#5	27'-0"	
p7	8	#7	25'-0"	
p8	8	#7	22'-3"	
p9	3	#5	11'-0"	
ss	20	#4	15'-3"	
se	22	#4	16'-7"	
u4	12	#6	9'-0"	
u5	12	#6	6'-9"	
u24	4	#6	9'-0"	
u26	2	#4	5'-9"	
u27	2	#4	6'-5"	
v4	92	#4	5'-3"	
v5	9	#4	3'-6"	
v6	9	#4	4'-0"	

** Class X Concrete Cu. Yds. 557
** Reinforcement Bars Lbs. 3690
Concrete Piles Lin. Ft. 650
Test Piles Conc. Ea. 1
Expansion Bolts, 3/4" Dia. Ea. 56
Reinf. Bars, Epoxy Ctd. Lbs. 600

** Includes quantities for Wingwalls #4 & #6



FOR INFORMATION ONLY
(NOT INCLUDED IN THIS CONTRACT)

PILE DATA

Type..... Concrete
Capacity..... 30 Tons
Est. Length..... 50 Ft.
No. Req'd..... 14 including one test pile

NOTES:

- 1) Cut off existing reinforcement as shown. Clean by sandblasting to gray metal and incorporate into new construction, cost incidental to class X concrete.
- 2) For details of Concrete Removal see sheet 23.
- 3) For Wingwall details see sheet 31.
- 4) Bonded Construction Joint.

EAST ABUTMENT
NORTH BOUND LANES
F.A.P. RTE. 431 SEC. 22-5HB-1

DU PAGE CO.
STA. 1250 + 83.16
STR. NO. 022-0137

HSIONG ASSOCIATES LTD.
DESIGNED: C.L. CHECKED: W.H.
DRAWN: F.J. DATE: NO. H-042-2

FOR INFORMATION ONLY

benesch

alfred benesch & company
Engineers • Surveyors • Planners
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-665-0450 Job No. 10050

SHEET NO. 28	F.A.I. RTE. 290	SECTION 221, 1-1, 2&3RS-7	COUNTY DUPAGE	TOTAL SHEETS 546	SHEET NO. 441
32 SHEETS	CONTRACT NO. 60G51		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

EXISTING PLAN INFORMATION 13 OF 17
STRUCTURE NO. 022-0137

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