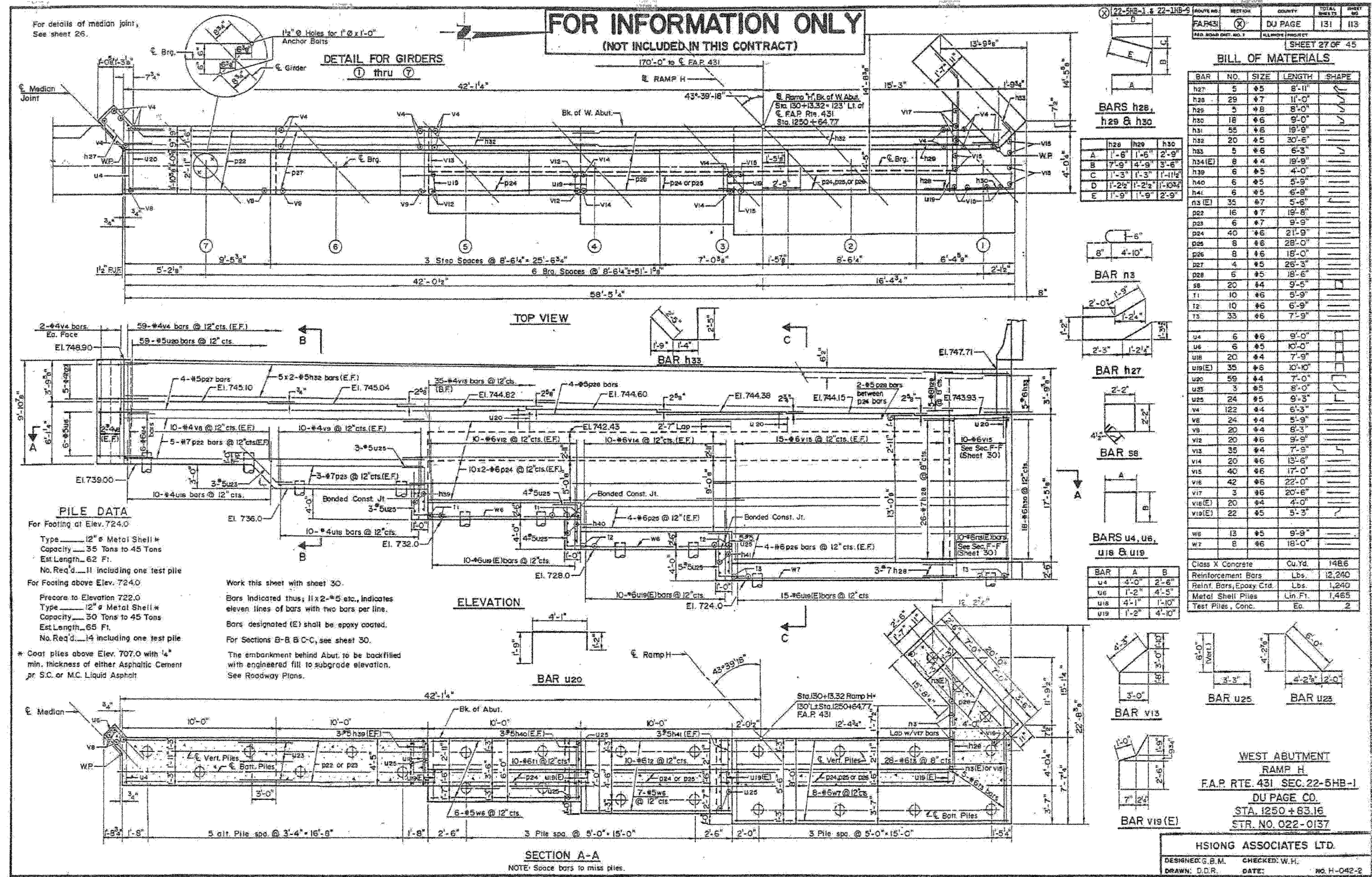


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FOR INFORMATION ONLY
(NOT INCLUDED IN THIS CONTRACT)



For details of median joint, see sheet 26.

DETAIL FOR GIRDERS
① thru ⑦

PILE DATA
For Footing at Elev. 724.0

Type 12" Metal Shell*
Capacity 35 Tons to 45 Tons
Est. Length 62 Ft.
No. Req'd 11 including one test pile

For Footing above Elev. 724.0

Precore to Elevation 722.0
Type 12" Metal Shell*
Capacity 30 Tons to 45 Tons
Est. Length 65 Ft.
No. Req'd 14 including one test pile

* Coat piles above Elev. 707.0 with 1/4" min. thickness of either Asphaltic Cement or S.C. or M.C. Liquid Asphalt

Work this sheet with sheet 30.

Bars indicated thus; 11x2-#5 etc., indicates eleven lines of bars with two bars per line.

Bars designated (E) shall be epoxy coated.

For Sections B-B & C-C, see sheet 30.

The embankment behind Abut. to be backfilled with engineered fill to subgrade elevation. See Roadway Plans.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 431	DUPAGE	ILLINOIS	131	113
SHEET 27 OF 45				

BILL OF MATERIALS

BAR NO.	SIZE	LENGTH	SHAPE
h27	5 #5	8'-11"	
h28	29 #7	11'-0"	
h29	5 #8	8'-0"	
h30	18 #6	9'-0"	
h31	55 #6	19'-9"	
h32	20 #5	20'-6"	
h33	5 #6	6'-3"	
h34(E)	8 #4	19'-9"	
h39	6 #5	4'-0"	
h40	6 #5	5'-9"	
h41	6 #5	6'-9"	
h42(E)	35 #7	5'-6"	
h43	16 #7	19'-8"	
h44	6 #7	9'-9"	
h45	40 #6	21'-9"	
h46	8 #6	28'-0"	
h47	8 #6	18'-0"	
h48	4 #5	26'-3"	
h49	6 #5	18'-6"	
h50	20 #4	9'-5"	
h51	10 #6	5'-9"	
h52	10 #6	6'-9"	
h53	33 #6	7'-9"	
h54	6 #6	9'-0"	
h55	6 #5	10'-0"	
h56	20 #4	7'-9"	
h57(E)	35 #6	10'-10"	
h58	59 #4	7'-0"	
h59	3 #5	8'-0"	
h60	24 #5	9'-3"	
h61	122 #4	6'-3"	
h62	24 #4	5'-9"	
h63	20 #4	6'-3"	
h64	20 #6	9'-9"	
h65	35 #4	7'-9"	
h66	40 #6	13'-6"	
h67	42 #6	22'-0"	
h68(E)	20 #4	4'-0"	
h69(E)	22 #5	5'-3"	
h70	13 #5	9'-9"	
h71	8 #6	18'-0"	

Class X Concrete	Cu. Yd.	1486
Reinforcement Bars	Lbs.	12,240
Reinf. Bars, Epoxy Ctd.	Lbs.	1,240
Metal Shell Piles	Lin Ft.	1,465
Test Piles, Conc.	Eq.	2

WEST ABUTMENT
RAMP H
F.A.P. RTE. 431 SEC. 22-5HB-1
DU PAGE CO.
STA. 1250+83.16
STR. NO. 022-0137

HSIONG ASSOCIATES LTD.
DESIGNED: G.B.M. CHECKED: W.H.
DRAWN: D.D.R. DATE: NO. H-042-2

FOR INFORMATION ONLY

benesch

alfred benesch & company
Engineers - Surveyors - Planners
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10050

SHEET NO. 31	F.A.I. RTE. 290	SECTION 22(1, 1-1, 2&3)RS-7	COUNTY DUPAGE	TOTAL SHEETS 546	SHEET NO. 406
CONTRACT NO. 60G51					
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

EXISTING PLAN INFORMATION 14 OF 21
STRUCTURE NO. 022-0138