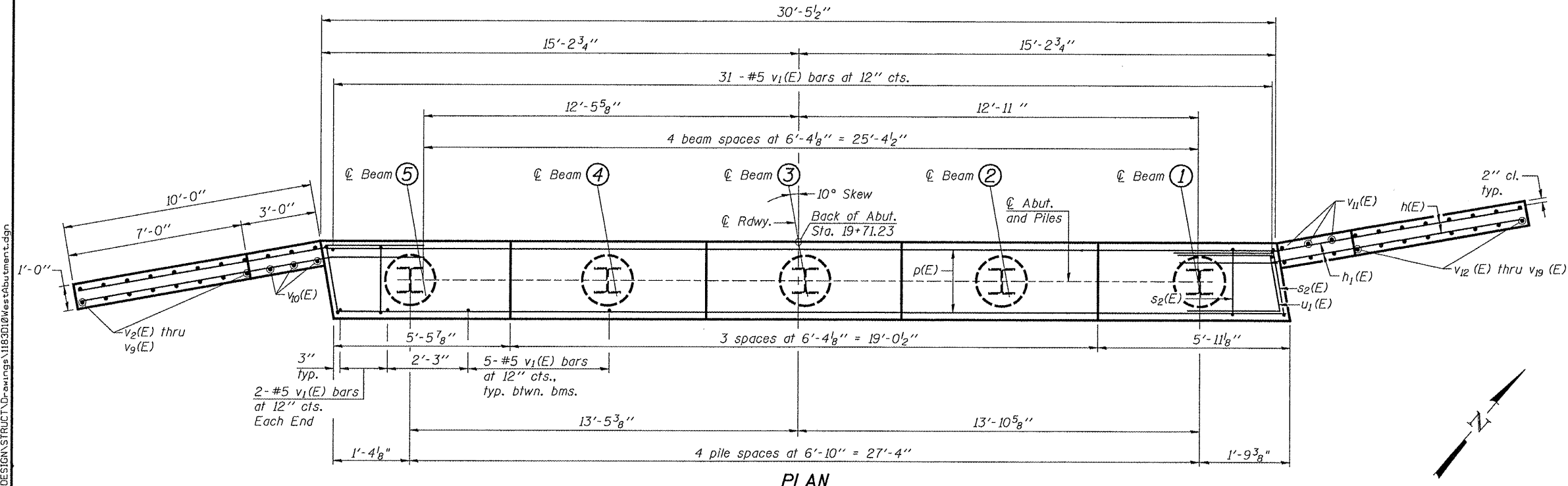


ELEVATION
(Looking West)

BILL OF MATERIAL

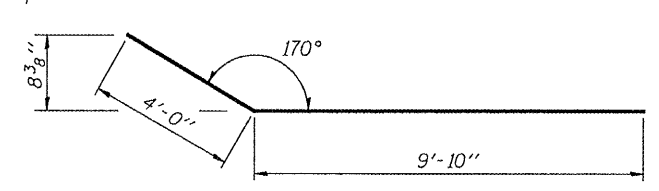
Bar	No.	Size	Length	Shape
h(E)	40	#6	13'-10"	—
h1(E)	24	#4	13'-6"	—
p(E)	11	#7	30'-1"	—
s2(E)	32	#4	13'-5"	□
u1(E)	8	#6	7'-2"	∩
v1(E)	55	#5	4'-4"	—
v2(E)	2	#5	5'-9"	—
v3(E)	2	#5	6'-1"	—
v4(E)	2	#5	6'-7"	—
v5(E)	2	#5	7'-1"	—
v6(E)	2	#5	7'-7"	—
v7(E)	2	#5	8'-1"	—
v8(E)	2	#5	8'-7"	—
v9(E)	2	#5	9'-1"	—
v10(E)	6	#5	9'-2"	—
v11(E)	6	#5	9'-3"	—
v12(E)	2	#5	9'-2"	—
v13(E)	2	#5	8'-8"	—
v14(E)	2	#5	8'-2"	—
v15(E)	2	#5	7'-8"	—
v16(E)	2	#5	7'-2"	—
v17(E)	2	#5	6'-8"	—
v18(E)	2	#5	6'-2"	—
v19(E)	2	#5	5'-10"	—
Structure Excavation				Cu. Yd. 166
Concrete Structures				Cu. Yd. 19.3
Concrete Encasement				Cu. Yd. 1.7
Reinforcement Bars, Epoxy Coated				Pound 2,710
Furnishing Steel Piles HP12x53				Foot 80
Driving Piles				Foot 80
Test Pile Steel HP12x53				Each 1
* Geocomposite Wall Drain				Sq. Yd. 46
* Porous Granular Embankment, Special				Cu. Yd. 93
* Pipe Underdrains for Structures 4"				Foot 92



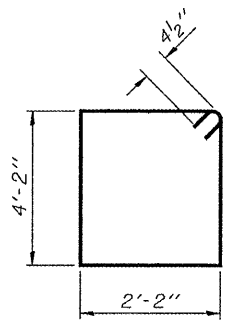
PLAN

PILE DATA

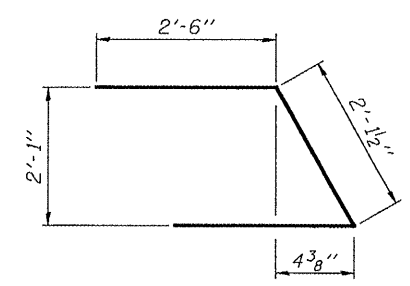
Type: Steel HP 12x53
 Nominal Required Bearing: Drive To Refusal
 Factored Resistance Available: 230K
 Est. Length: 20'
 No. Production Piles: 4
 No. Test Piles: 1



BAR h(E)



BARS s2(E)



BAR u1(E)

NOTES:

*See Structural Sheet 2 of 17 For Drainage Details.
 For details of Piles and Concrete Encasement, see Structural Sheet 16 of 17.
 Pour steps monolithically with cap.
 All exposed edges shall have standard 3/4" chamfers, except as noted.

FILE NAME = S:\PROJECTS\2010\1183D10\Jodaviness_County_Bethel_Road_DESIGN\STRUCT\Drawings\1183D10\WestAbutment.dgn

USER NAME =	DESIGNED - M. C. WAGNER	REVISED -
	CHECKED - B. K. CONVERSE	REVISED -
PLOT SCALE =	DRAWN - F. D. LACHAT	REVISED -
PLOT DATE =	CHECKED - M. A. CACKLEY	REVISED -

JODAVIESS COUNTY
F.A.S. 72 (E. BETHEL RD.) OVER LITTLE RUSH CREEK
STATION 20+15

WEST ABUTMENT DETAILS
STRUCTURE NO. 043-3277
 STRUCTURAL SHEET NO. 12 OF 17 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
T2	10-00134-00-BR	JODAVIESS	34	22
	WHA* 1183D10		CONTRACT NO.	85536
ILLINOIS FED. AID PROJECT ER-00721033				