

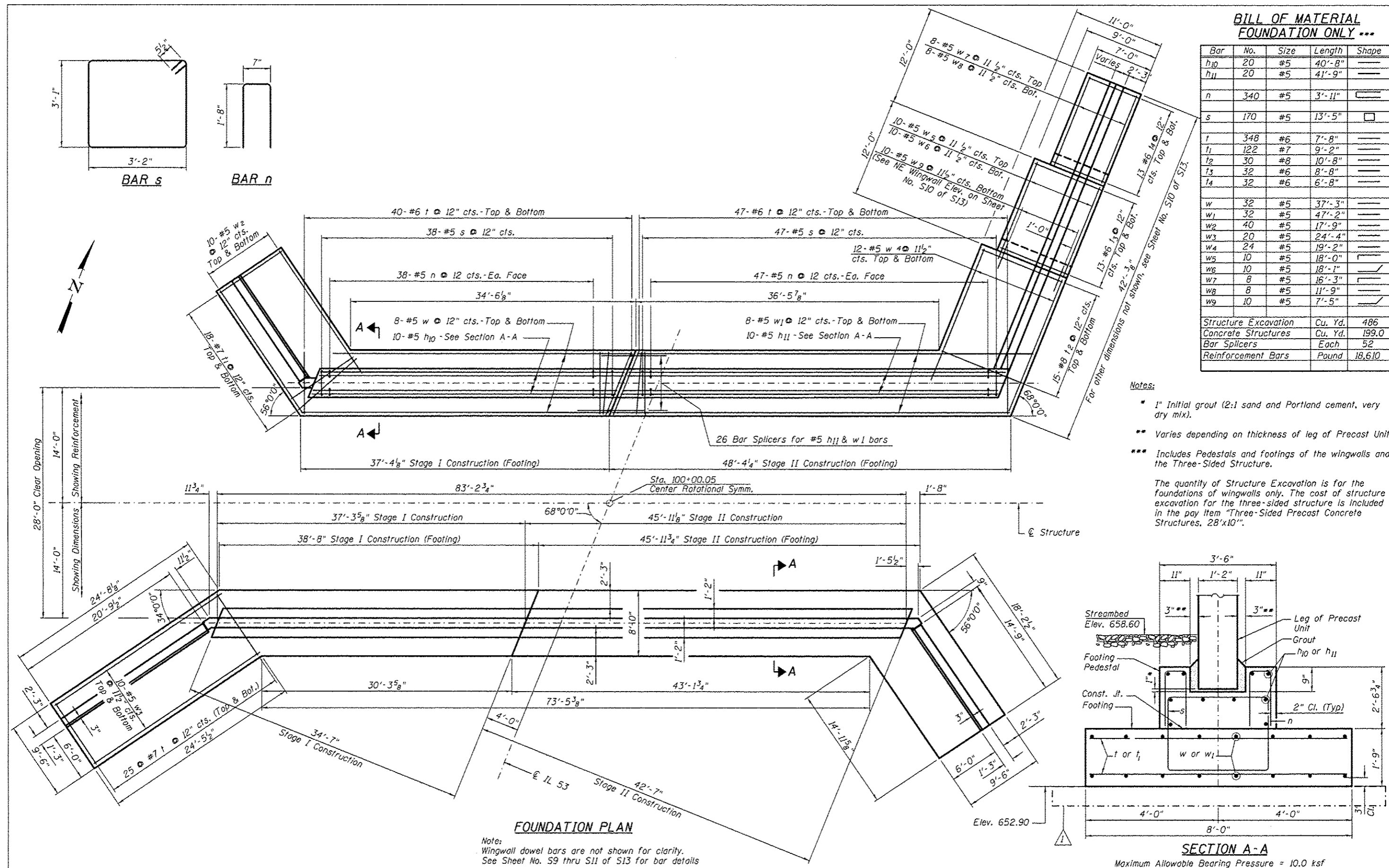
**BILL OF MATERIAL  
FOUNDATION ONLY \*\*\***

Bar No.	Size	Length	Shape
h10	#5	40'-8"	—
h11	#5	41'-9"	—
n	#5	3'-11"	U
s	#5	13'-5"	□
t	#6	7'-8"	—
t1	#7	9'-2"	—
t2	#8	10'-8"	—
t3	#6	8'-8"	—
t4	#6	6'-8"	—
w	#5	37'-3"	—
w1	#5	47'-2"	—
w2	#5	17'-9"	—
w3	#5	24'-4"	—
w4	#5	19'-2"	—
w5	#5	18'-0"	—
w6	#5	18'-1"	—
w7	#5	16'-3"	—
w8	#5	11'-9"	—
w9	#5	7'-5"	—
Structure Excavation	Cu. Yd.	486	
Concrete Structures	Cu. Yd.	199.0	
Bar Splicers	Each	52	
Reinforcement Bars	Pound	18,610	

**Notes:**

- \* 1" Initial grout (2:1 sand and Portland cement, very dry mix).
- \*\* Varies depending on thickness of leg of Precast Unit.
- \*\*\* Includes Pedestals and footings of the wingwalls and the Three-Sided Structure.

The quantity of Structure Excavation is for the foundations of wingwalls only. The cost of structure excavation for the three-sided structure is included in the pay item "Three-Sided Precast Concrete Structures, 28'x10'".



**FOUNDATION PLAN**

Note:  
Wingwall dowel bars are not shown for clarity.  
See Sheet No. S9 thru S11 of S13 for bar details

**SECTION A-A**

Maximum Allowable Bearing Pressure = 10.0 ksf



USER NAME *	DESIGNED - JPM	REVISION 10-19-2012 JPM
PLOT SCALE *	CHECKED - JXH	REVISION -
PLOT DATE *	DRAWN - MPS	REVISION -
	CHECKED - JPM/JXH/TPG	REVISION -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**FOUNDATION PLAN AND DETAILS  
STRUCTURE NO. 022-3054 STA. 100+00.15**

SHEET NO. 58 OF S13 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
870	534R-B	DUPAGE	53	37
DATE: AUGUST 03, 2012 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60MB3	