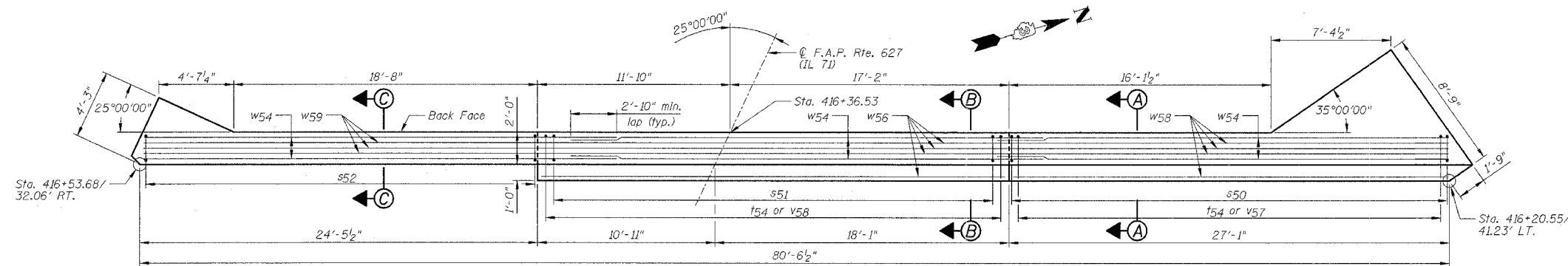
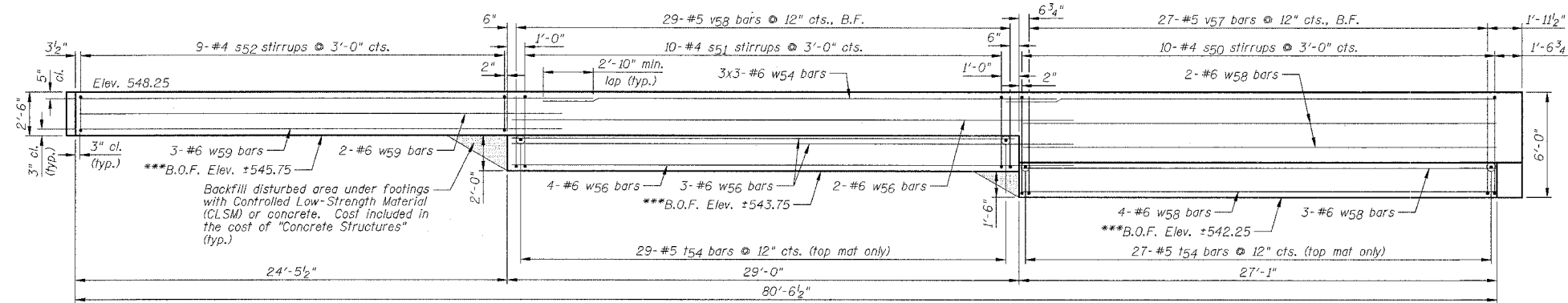


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
627	(I-1) BR & I	LA SALLE	106	39
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SHEET NO. F5
OF 14 SHEETS



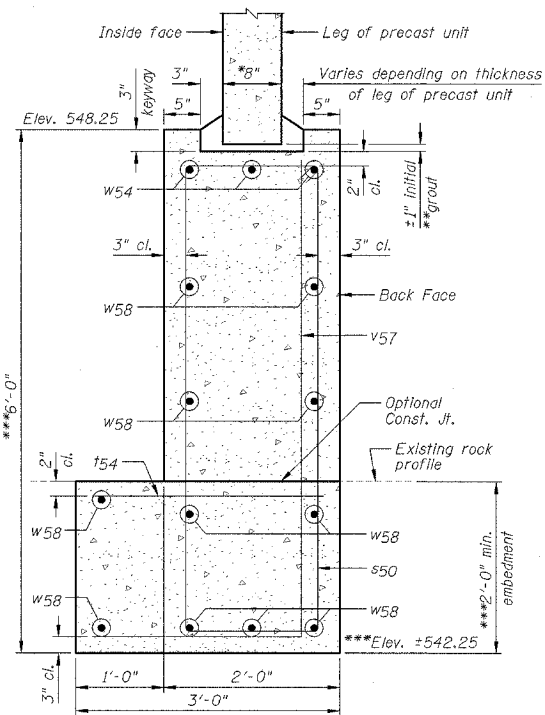
FOOTING REINFORCEMENT LAYOUT PLAN



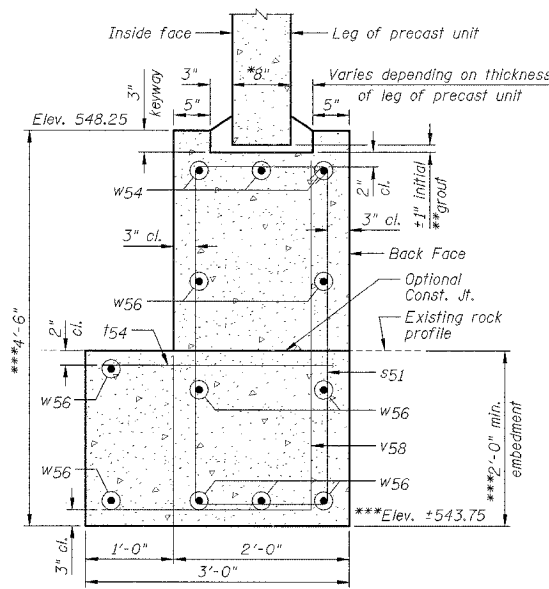
FOOTING ELEVATION - LOOKING WEST

**WEST FOOTING
BILL OF MATERIALS**

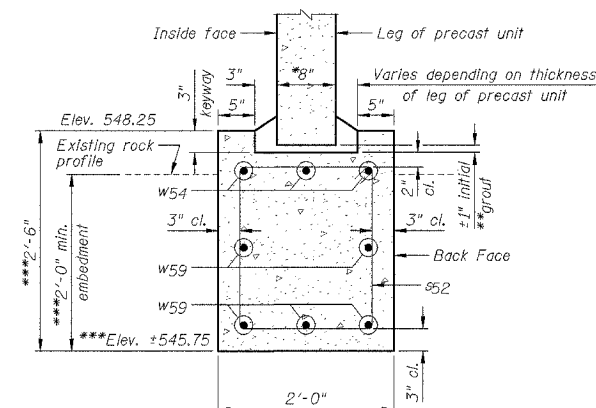
Bar	No.	Size	Length	Shape
s50	10	#4	14'-5"	□
s51	10	#4	11'-5"	□
s52	9	#4	7'-5"	□
t54	56	#5	2'-6"	—
v57	27	#5	7'-10"	—
v58	29	#5	6'-4"	—
w54	9	#6	28'-8"	—
w56	9	#6	31'-10"	—
w58	11	#6	26'-9"	—
w59	5	#6	27'-4"	—
Item Unit Quantity				
Rock Excavation for Structures	Cu. Yd.		25	
Concrete Structures	Cu. Yd.		37.6	
Reinforcement Bars	Pound		2240	



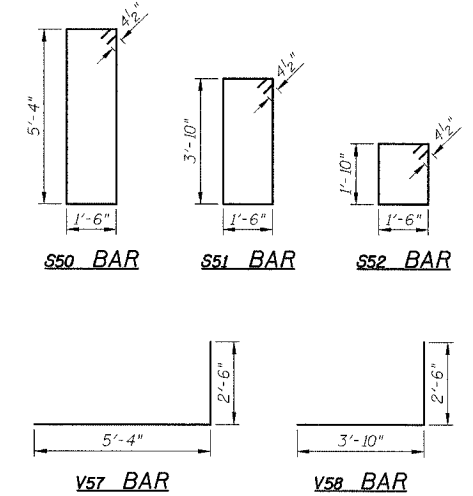
SECTION A-A



SECTION B-B



SECTION C-C



NOTES:

- 1.) Work this sheet with Sheets F1 thru F4 and F6 thru F11.
- 2.) *Confirm thickness with Precaster.
- 3.) **2:1 sand and portland cement, very dry mix.
- 4.) B.O.F. denotes Bottom Of Footing.
- 5.) ***Outside the limits of the existing footings, the new footings shall be set 2'-0" minimum into sound rock. The thickness of the footings shall be increased if required to maintain this embedment. Within the limits of the existing footings, the thickness of the footings shall be increased, if necessary, such that the bottom of the new footings are set 6" below the bottom of the existing footings.
- 6.) w56 bars shall be field cut as required.
- 7.) Calculated Maximum Bearing Pressure = 7.8 ksf

WEST FOOTING REINFORCEMENT PLAN, ELEVATION, SECTIONS AND DETAILS

IL ROUTE 71
OVER TRIBUTARY TO ILLINOIS RIVER
F.A.P. ROUTE 627 - SEC. (I-1) BR & I
LA SALLE COUNTY
STATION 416+44.62
STRUCTURE NO. 050-C804

DESIGNED BY J.M.L.	Farnsworth GROUP 2700 McGraw Drive Bloomington, Illinois 61704 302/952-8636, 302/923-1671 fax	FILE NO. 24-6772
DRAWN BY D.J.M.		DATE 05-12-06
CHECKED BY M.S.W.		SHEET NO. 39 OF 106