

# 1-18-13 LETTING ITEM 119

## INDEX OF SHEETS:

1. COVER SHEET
2. SUMMARY OF QUANTITIES, GENERAL NOTES
3. DISTRICT STANDARDS MAXIMUM WIDTH
4. SUBSTRUCTURE REPAIRS PLAN

## STANDARDS:

- 701101-02 OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 701400-05 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701406-06 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
- 701411-08 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
- 701426-04 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS > 45 MPH
- 701901-02 TRAFFIC CONTROL DEVICES
- 720011-01 METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
- 728001-01 TELESCOPING STEEL SIGN SUPPORT
- 729001-01 APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)

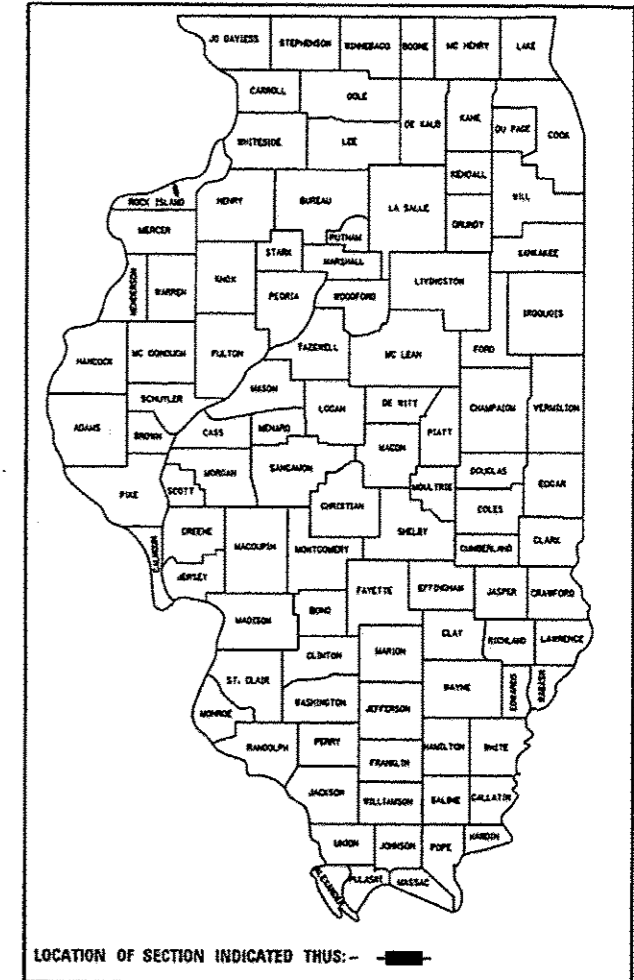
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

# PROPOSED HIGHWAY PLANS

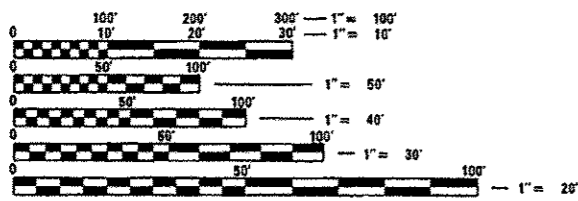
FAI ROUTE 80 (I-80)  
SECTION (81-1B)M-3  
ROCK ISLAND COUNTY  
C-92-004-09

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(81-1B)M-3	ROCK ISLAND	4	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 64E33		

D-92-088-08

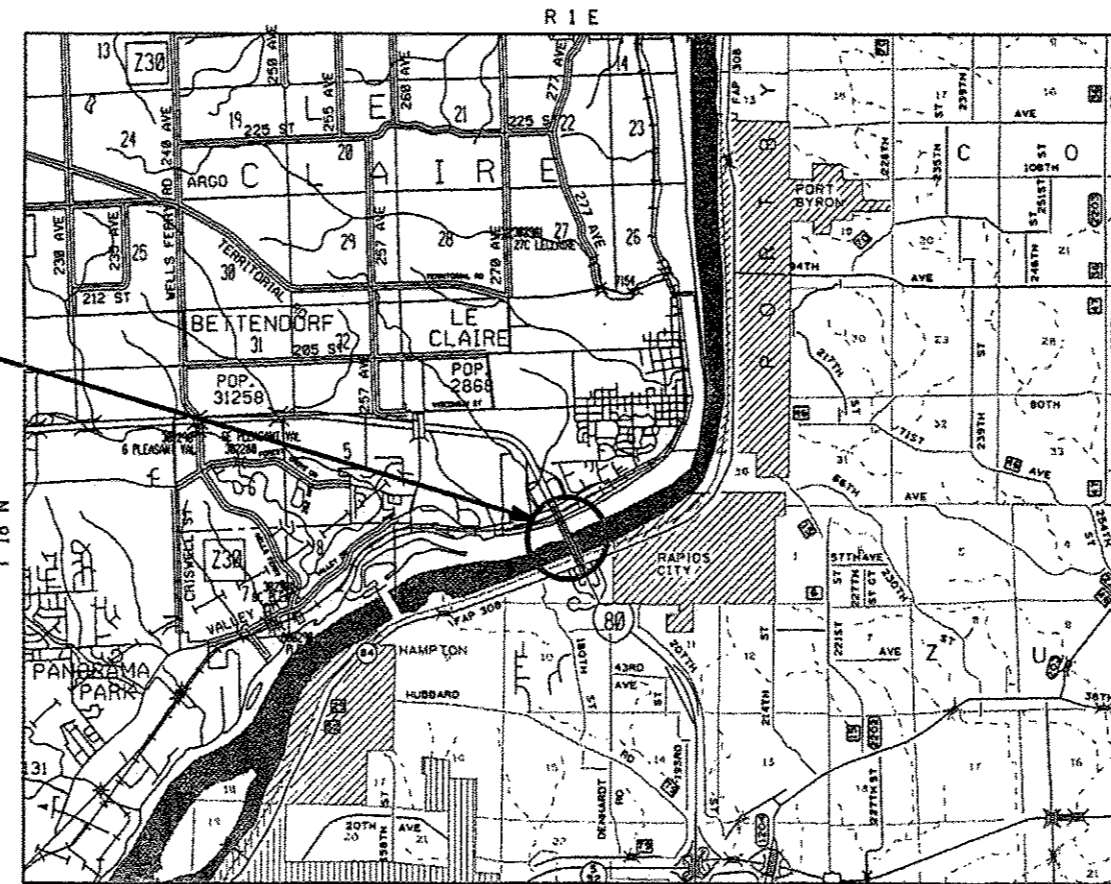


**PROJECT LOCATION**  
SN: 081-0011



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811



**PROJECT ENGINEER: Mahmoud Etemadi (815)-284-5393**  
HAMPTON TOWNSHIP, SECTION 3  
**CONTRACT NO. 64E33**

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED August 17, 2012  
*E. S. Shubert*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

October 5, 2012  
*John D. Baranzelli PE*  
acting ENGINEER OF DESIGN AND ENVIRONMENT

October 5, 2012  
*William R. Frey*  
acting DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY  
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Rev.

# SUMMARY OF QUANTITIES

# GENERAL NOTES

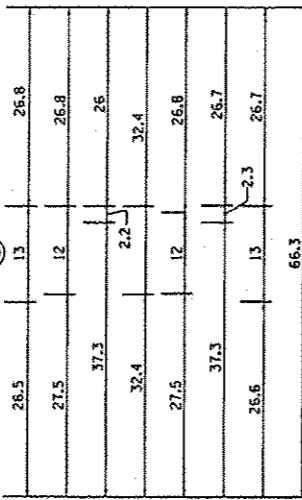
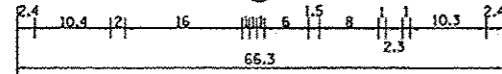
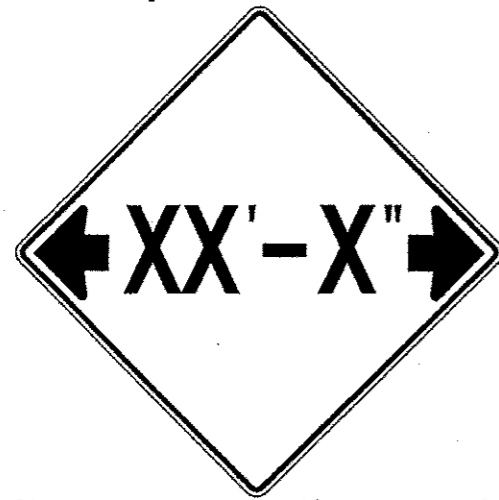
Pay Item Number	Description	Units	URBAN	
			100 % STATE	0014
			Total Quantity	
<del>52000320</del>	<del>NEOPRENE EXPANSION JOINT 2"</del>	<del>FOOT</del>		<del>66</del>
<del>52000340</del>	<del>NEOPRENE EXPANSION JOINT 4"</del>	<del>FOOT</del>		<del>66</del>
67100100	MOBILIZATION	L SUM		1
<del>70100420</del>	<del>TRAFFIC CONTROL AND PROTECTION STANDARD 701411</del>	<del>EACH</del>		<del>2</del>
70100700	TRAFFIC CONTROL AND PROTECTION STANDARD 701406	L SUM		1
<del>Z6001905</del>	<del>STRUCTURAL STEEL REPAIR</del>	<del>POUND</del>		<del>800</del>
X0327286	SUBSTRUCTURE REPAIRS (GROUT BAGS)	L SUM		1

The Contractor shall be responsible for protecting utility property during construction operations as outlined in Article 107.31 of the Standard Specifications. A minimum of 48 hours advance notice is required for non-emergency work. The JULIE number is 800-892-0123.

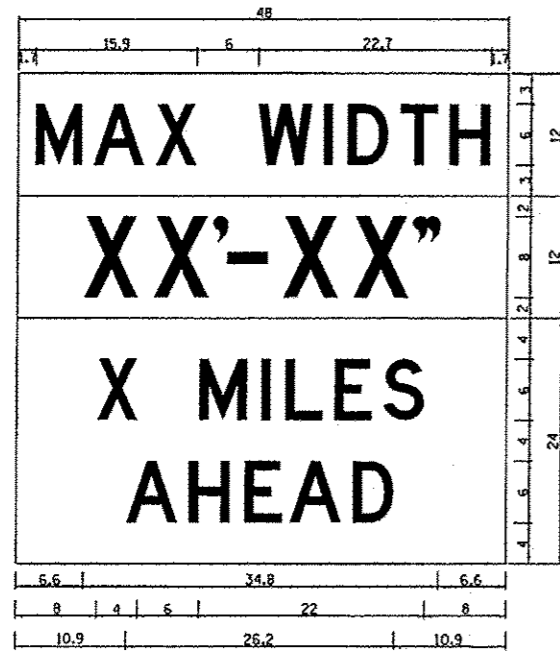
All Borrow/Waste/Use sites must be approved by the Department prior to removing any material from the project or initiating any earth moving activities, including temporary stockpiling outside the limits of construction.

The cost of the removal of existing expansion joints is included in the pay item Neophrene Expansion Joint 2" and Neophrene Expansion Joint 4".

# INFORMATIONAL WARNING SIGN (FOR NARROW TRAVEL LANES)



NOTES  
 W12-2 - Horizontal Clearance Sign  
 48.0" across sides, 1.9" Radius,  
 0.8" Border, 0.5" Indent, Black on  
 Orange Standard Arrow Custom  
 10.4" X 8.1" 180° Black 11 Inch  
 D Series Lettering; Standard Arrow  
 Custom 10.4" X 8.1" 0°



W12-1103 (Width is 80):  
 No border, Black on White;  
 (MAX WIDTH) D;

No border, Black on Orange;  
 (XX'-XX'') D;

No border, Black on White;  
 (X MILES) D; (AHEAD) D;

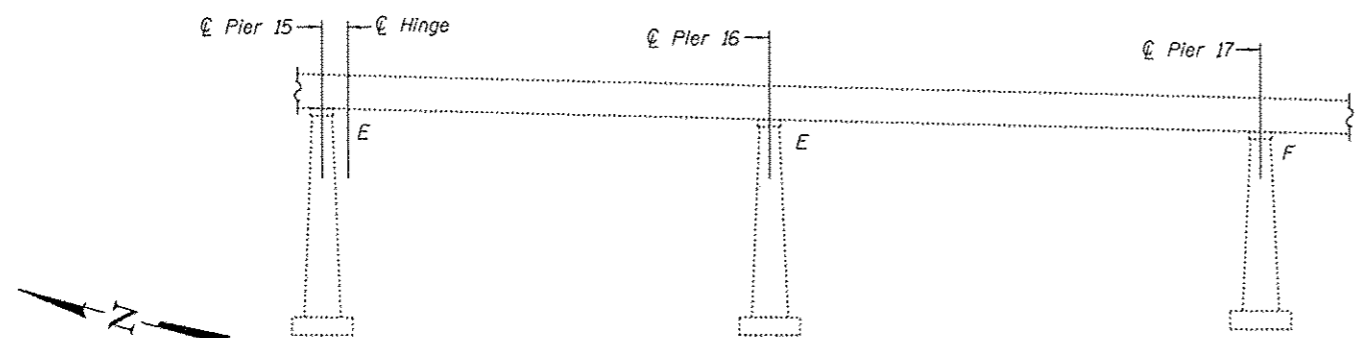
All work to furnish and install these signs shall be included in the cost of the Traffic Control Standards and shall not be paid for separately.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

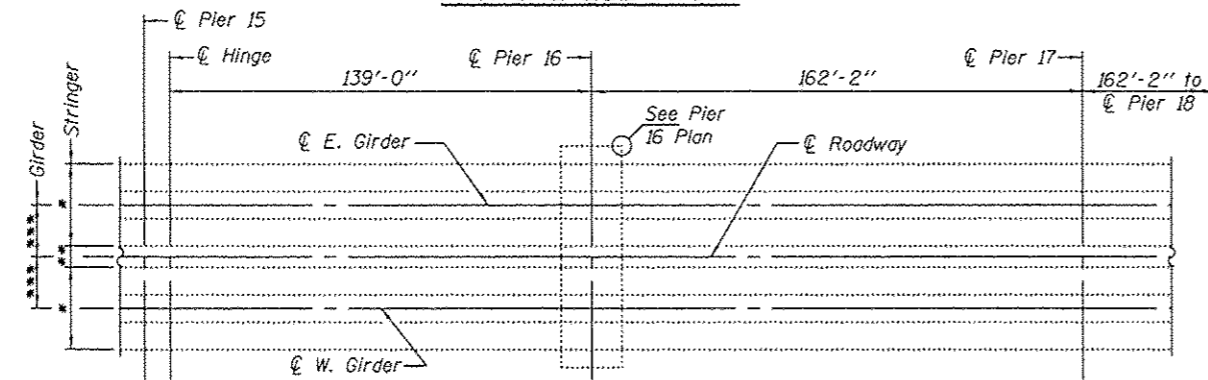
REVISED - 5-15-03

## INFORMATIONAL WARNING SIGNS (FOR NARROW TRAVEL LANES) 39.2

DESIGNED -	EXAMINED	DATE	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CHECKED -	ENGINEER OF STRUCTURAL SERVICES						4	3
DRAWN -	PASSED	REVISED		SHEET NO. OF SHEETS		CONTRACT NO.		
CHECKED -	ENGINEER OF BRIDGES AND STRUCTURES	REVISED				ILLINOIS FED. AID PROJECT		



PARTIAL ELEVATION

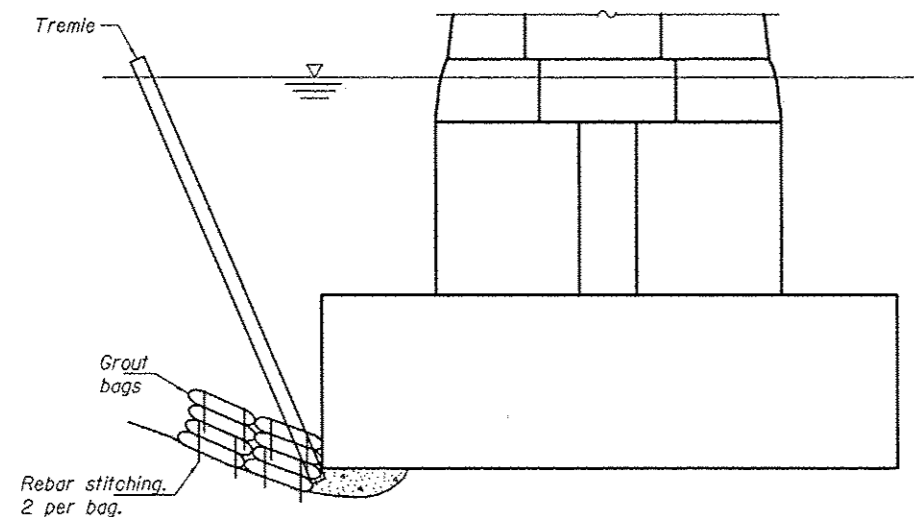


PARTIAL FRAMING PLAN

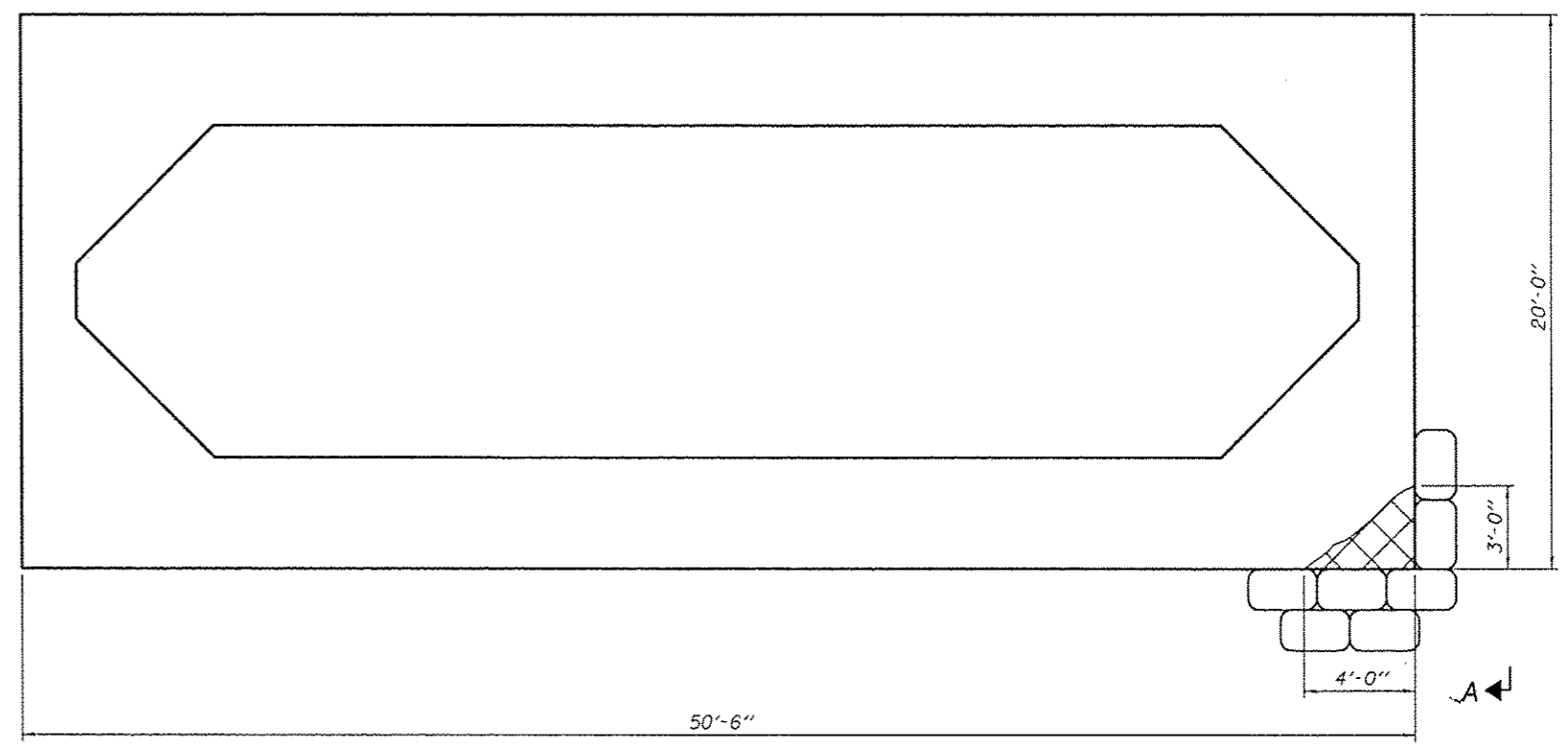
- \* 3 Spaces at 9'-0" = 27'-0"
- \*\* 7'-0"
- \*\*\* 17'-0"

**GENERAL NOTES**

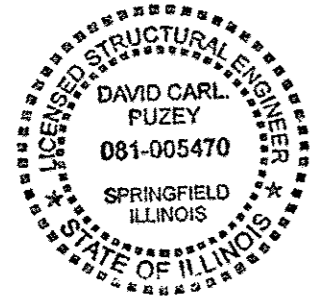
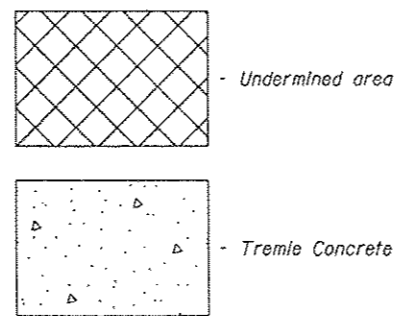
Remove unstable material along bottom of undermined area prior to bag placement and filling with grout.  
 Stack grout bags along face of pier in front of undermined area. Bags stacked in successive rows and tiers shall be staggered.  
 Once vent/fill pipes have been installed and bags are filled, pump grout into the undermined area until material appears in the top of adjacent vent pipes. Cut or remove the vent/fill pipes flush with the top of the bags after pumping operation is complete.  
 Adequate venting of water to be displaced in the undermined area is important. The water must be able to escape when displaced by grout pumped into the cavity. A max. 4ft spacing of vent/fill pipes is recommended.  
 Keep nozzle buried in the grout during pumping to reduce the amount of mixing of the grout and water to be displaced.  
 All bags shall be 1ft max. thck, 3ft max. wide and 4ft max. long.  
 Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.



VIEW A-A



PIER 16 PLAN



**TOTAL BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
Substructure Repairs (Grout Bags)	L.S.	1