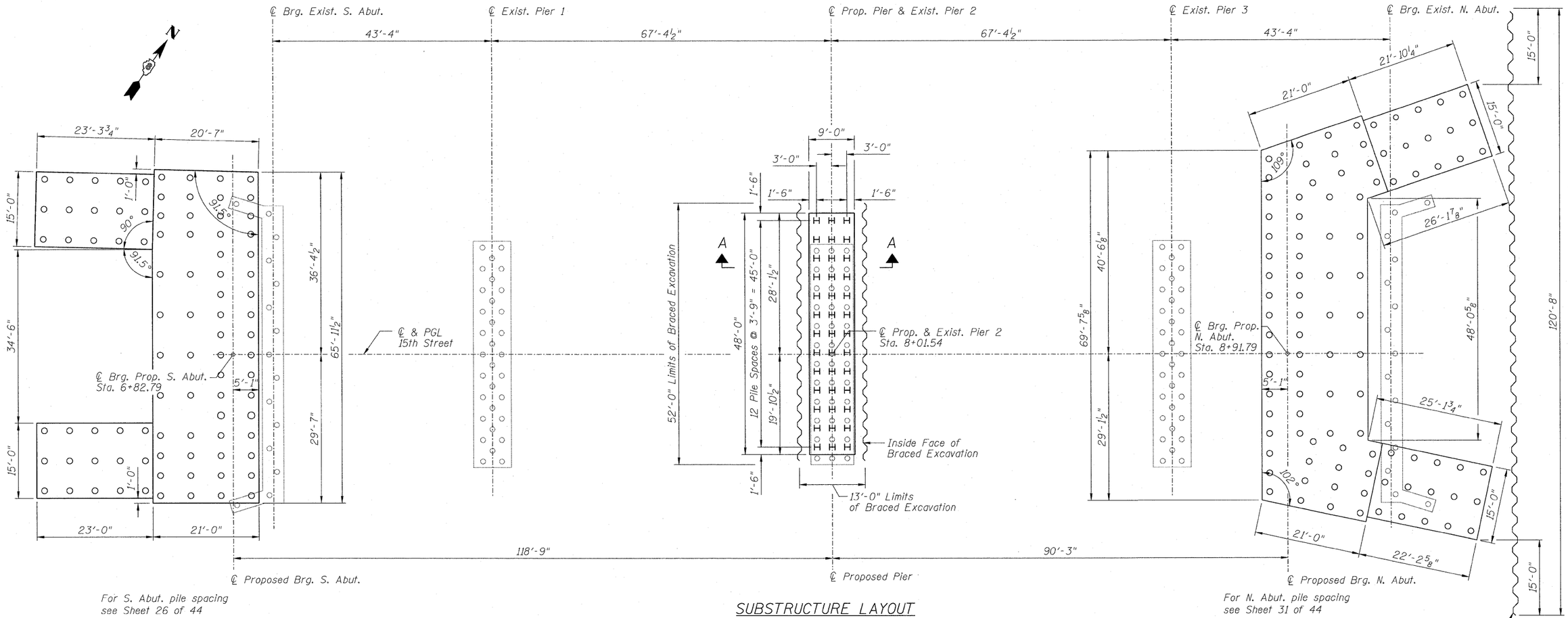
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



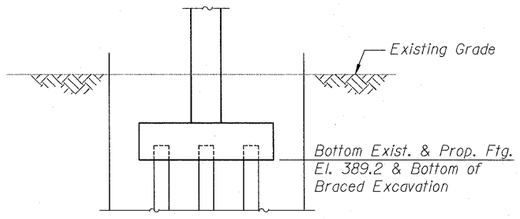
For S. Abut. pile spacing
see Sheet 26 of 44

For N. Abut. pile spacing
see Sheet 31 of 44

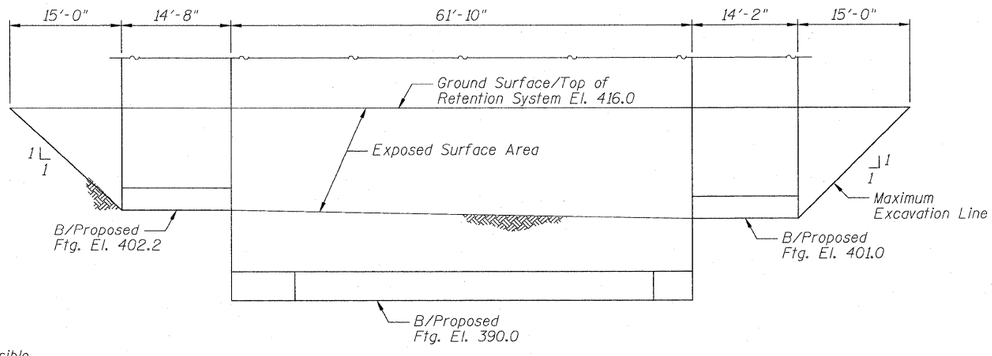
SUBSTRUCTURE LAYOUT

LEGEND

- ○ Existing Pile
- O Proposed Metal Shell Pile
- H Proposed HP 14x89 Pile



SECTION A-A



TEMPORARY SOIL RETENTION SYSTEM AT NORTH ABUTMENT

Note:
A cantilevered sheet piling design does not appear feasible and additional members or other retention systems may be necessary. The Contractor shall submit a temporary soil retention system design including plan details and calculations for review and acceptance by the Engineer.

ZROKA engineering
Zroka Engineering, P.C.
4216 North Hermitage
Chicago, IL 60613

DESIGNED	LAS
CHECKED	JLA
DRAWN	SAW
CHECKED	LAS

3-31-2010

SUBSTRUCTURE LAYOUT STRUCTURE NO. 082-0377

SHEET NO. 3	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
44 SHEETS	64	82-1-2HB	ST. CLAIR	345	210
			CONTRACT NO. 76C49		
		ILLINOIS	FED. AID PROJECT		

Revised 4/15/2010