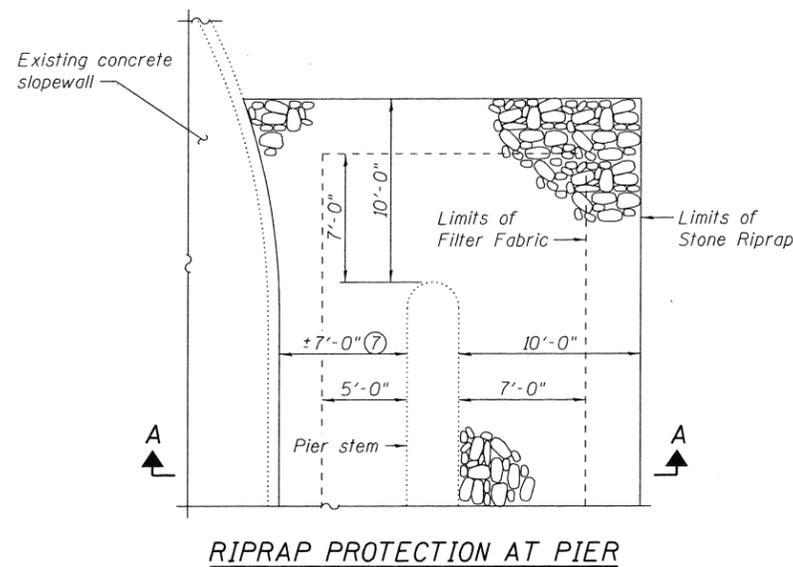
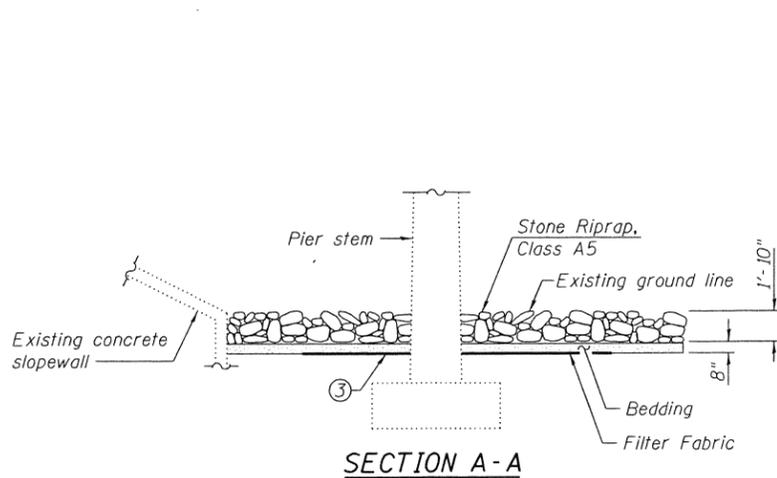
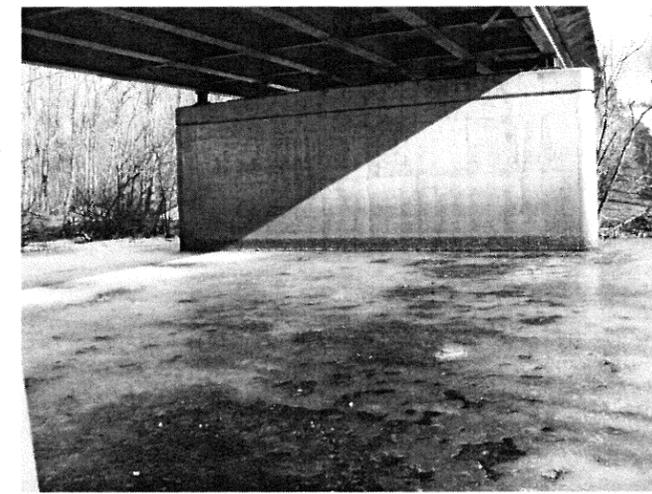
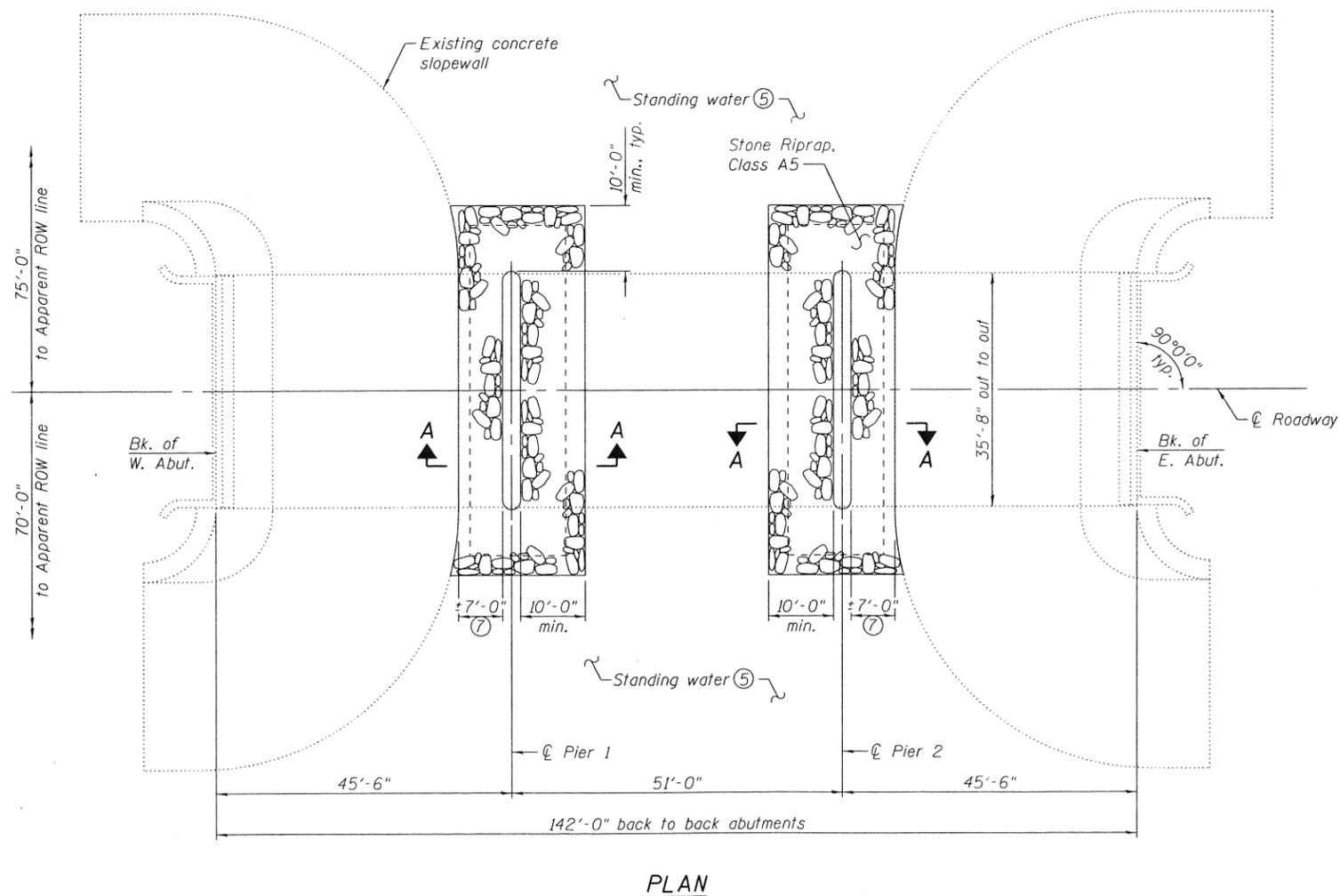


Existing Structure: S.N. 082-0061 consists of a three span continuous steel stringer superstructure supported on concrete stub abutments founded on concrete piles and protected by concrete slopewalls and solid wall concrete piers founded on spread footings on timber piles.



- Notes:
- ① The Contractor shall field verify existing dimensions, details, and conditions 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 based upon the unit price bid for the work.
 - ② Layout of the riprap system may be varied to suit ground conditions in the field as directed by the Engineer. Riprap system shall be placed in a manner that does not reduce the total waterway opening.
 - ③ The filter fabric shall not be lower than the top of footing.
 - ④ Contractor to locate existing underground utilities. Where existing underground utilities conflict with riprap placement, the Contractor shall adjust the layout as directed by the Engineer.
 - ⑤ Elevation view shown as of February 3, 2014. Actual conditions may vary. Channel consists of $\pm 3'$ of standing water.
 - ⑥ Estimated quantities. Actual quantities to be determined in the field.
 - ⑦ Stone Riprap shall extend to the toe of the slopewall.



ELEVATION VIEW ⑤
(Looking East)

TOTAL BILL OF MATERIAL ⑥

CODE NO.	ITEM	UNIT	TOTAL
28100109	Stone Riprap, Class A5	Sq. Yd.	225
28200260	Filter Fabric	Sq. Yd.	150

DANIEL GEORGE LUZE
062-060383
LICENSED PROFESSIONAL ENGINEER OF ILLINOIS
DATE: 01/15/2014
EXPIRATION: 11/30/2015

IL ROUTE 177 OVER SILVER CREEK OVERFLOW
STRUCTURE NO. 082-0061

GATES ASSOCIATES
1100 Lakeside Center
1100 Lakeside Center, Suite 1100
Columbia, IL 62234
Tel: 618-365-2200
Fax: 618-365-7234
www.gatesassociates.com

USER NAME =	DESIGNED - MAG	REVISED
	CHECKED - JAD	REVISED
PLOT SCALE =	DRAWN - MAG	REVISED
PLOT DATE =	CHECKED - JAD	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	29B1-4	ST. CLAIR	4	3
			CONTRACT NO. 76H53	
ILLINOIS FED. AID PROJECT				