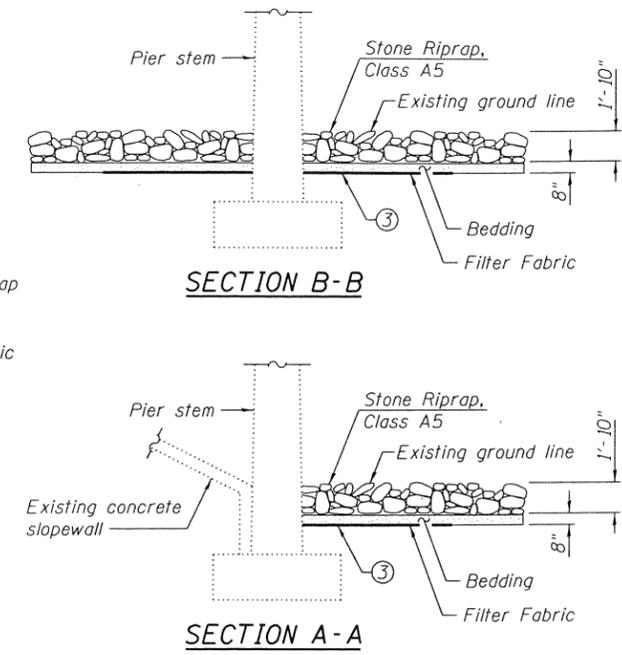
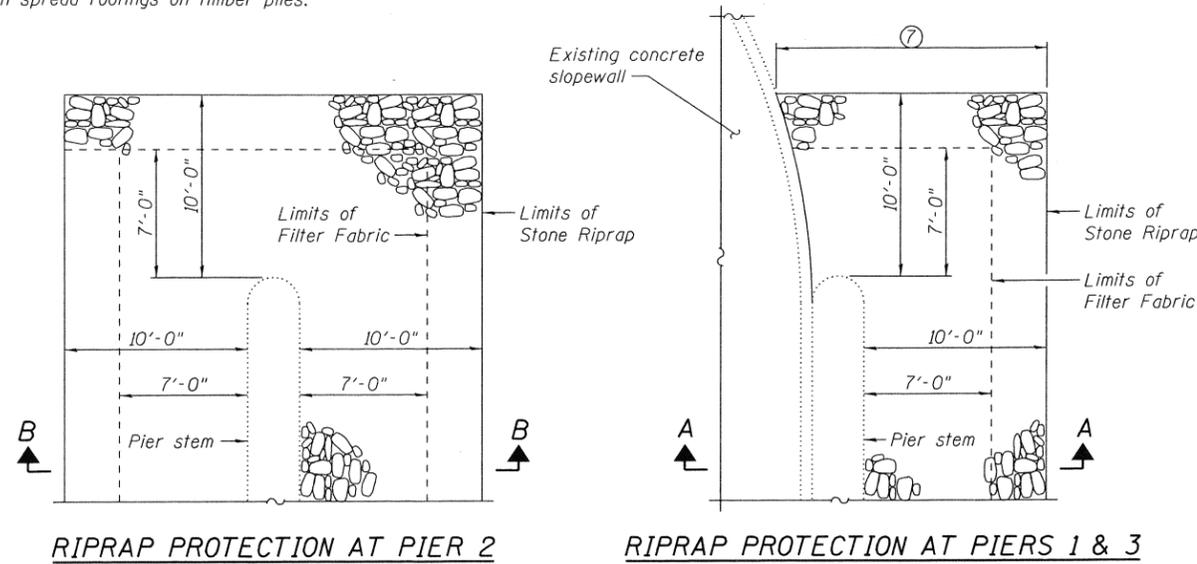
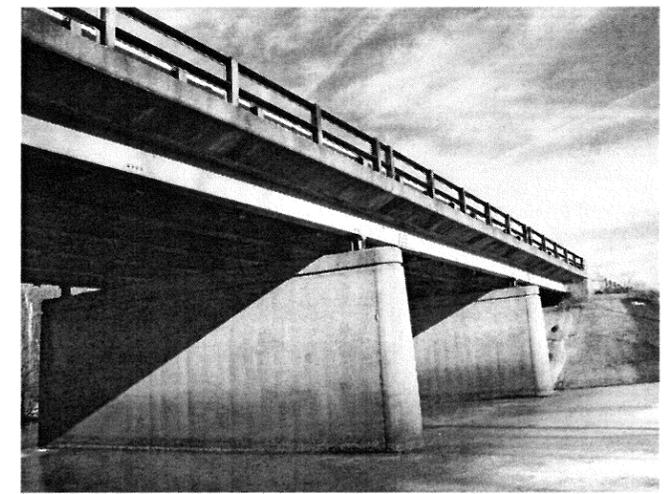
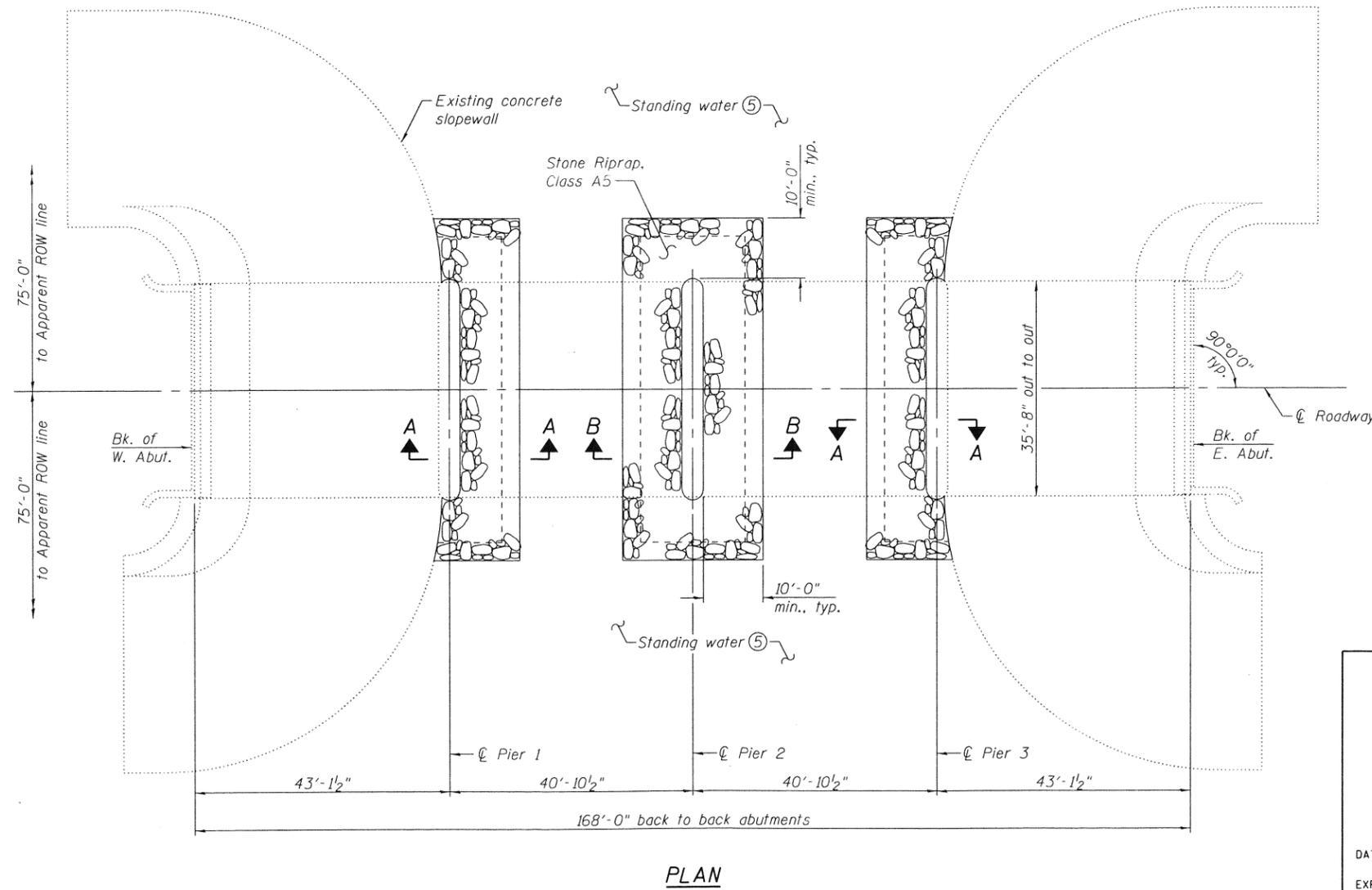


Existing Structure: S.N. 082-0062 consists of a four span continuous steel stringer superstructure supported on concrete stub abutments founded on concrete piles and protected by concrete slopewalls and solid wall concrete piers founded on spread footings on timber piles.



- 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 consist of ±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.	280
28200260	Filter Fabric	Sq. Yd.	175

DANIEL GEORGE LUTZ
062-060383
LICENSED PROFESSIONAL ENGINEER OF ILLINOIS
DATE: 8/15/2014
EXPIRATION: 11/30/2015

IL ROUTE 177 OVER SILVER CREEK OVERFLOW
STRUCTURE NO. 082-0062

GATES ASSOCIATES
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4140 S. Eastman Business Center 1
1000 Larkin Court, Suite 1000
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USER NAME =
DESIGNED - MAG
CHECKED - JAD
DRAWN - MAG
PLOT SCALE =
PLOT DATE =

DESIGNED - MAG
CHECKED - JAD
REVISOR - JAD
REVISOR - JAD

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET NO. 1 OF 1 SHEETS

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