

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAS ROUTE 1848 / FAU 9377 (IL 177)
29BI-4

SCOUR MITIGATION
ST. CLAIR COUNTY

C-98-006-15

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	29BI-4	ST. CLAIR	4	1
* FAS1848/FAU 9377 ILLINOIS CONTRACT NO. 76H53				

INDEX OF SHEETS

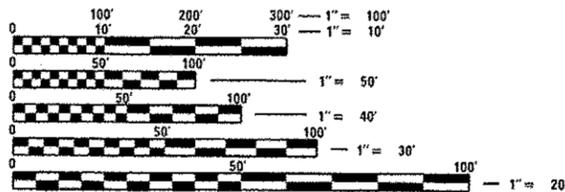
- 1 COVER SHEET
- 2 GENERAL NOTES & SUMMARY OF QUANTITIES
- 3 SN 082-0061 PLAN SHEET
- 4 SN 082-0062 PLAN SHEET

STANDARDS

- 000001-06
- 701001-02
- 701006-05
- 701201-04
- 701301-04
- 701901-03

COMMITMENTS

NONE

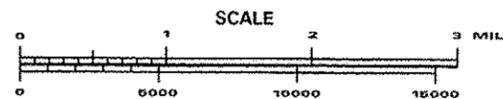
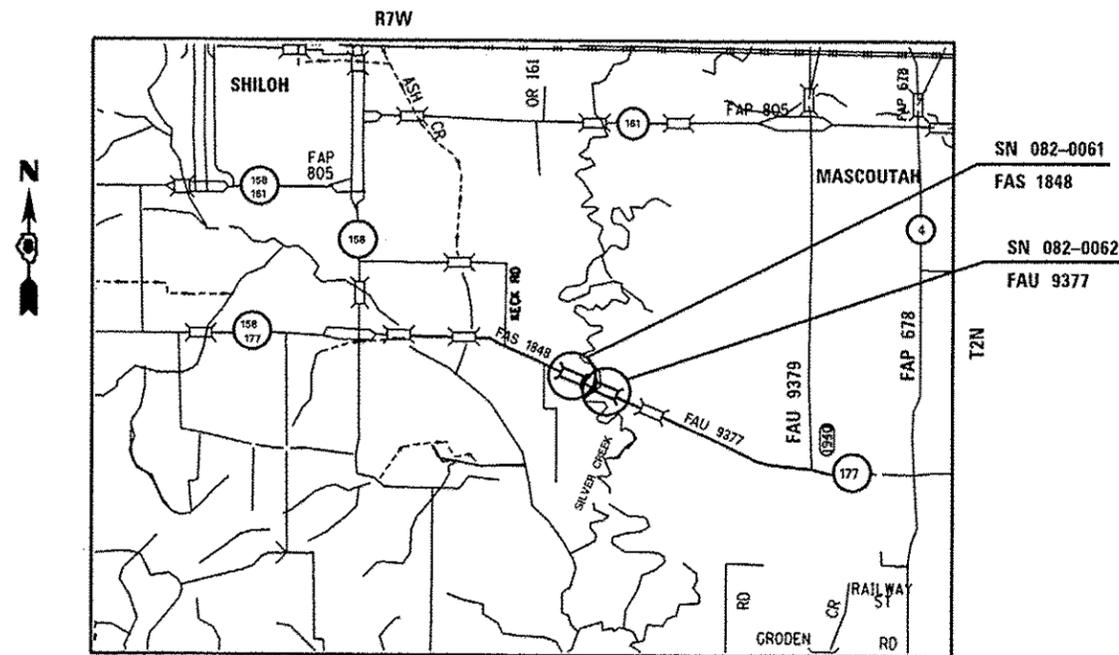


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER - TIM PADGETT (618) 346-3325
PROJECT MANAGER - LIZ BURNSIDE (618) 346-3196

CONTRACT NO. 76H53



GROSS LENGTH = 500 FT. = 0.1 MILE
NET LENGTH = 500 FT. = 0.1 MILE



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED Aug 19 2014
Jeffrey L. Kane
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

Oct 17 2014
John D. Baranzelli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

Oct 17 2014
Omer Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

GENERAL NOTES

- ① ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

SN 082-0061 AND SN 082-0062

UTILITY	ABOVE GROUND	BELOW GROUND
* AMEREN ILLINOIS - GAS AND ELECTRIC	X	X
* CLEARWAVE COMMUNICATIONS		X
* FRONTIER NDRTH. INC. - COMMUNICATIONS		X

MEMBERS OF J.U.L.I.E. (800)-892-0123 OR 811 ARE INDICATED BY *. NON J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

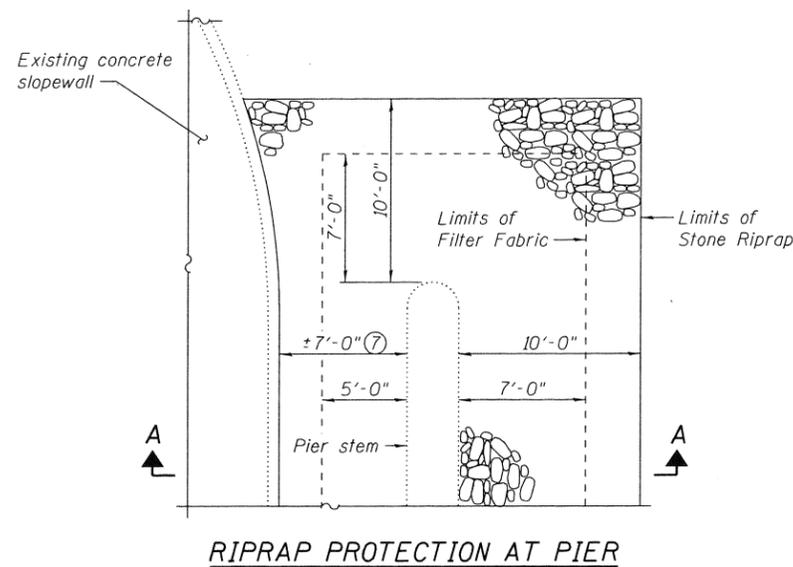
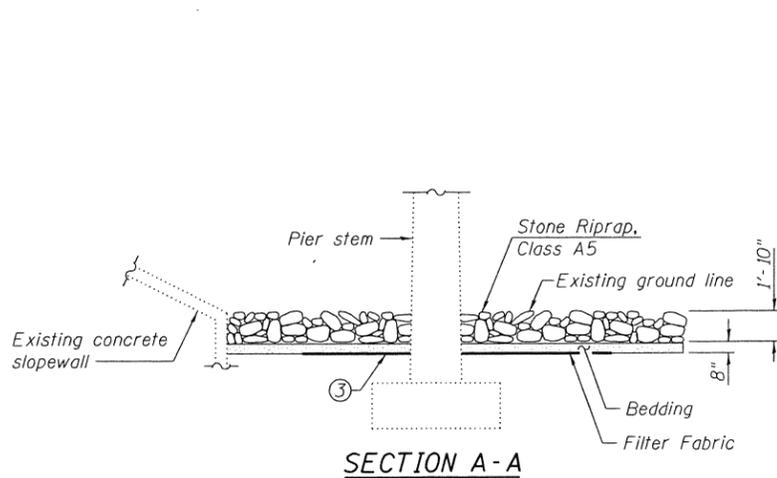
- ② THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- ③ "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS, AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE. (48" x 48")
- ④ FLAGGERS SHALL BE PRESENT DURING LANE CLOSURES. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ⑤ "TRUCKS ENTERING AND LEAVING" SIGNS SHALL BE REQUIRED AND PLACED ACCORDING TO THE ENGINEER DISCRETION. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ⑥ ONLY SHORT TERM LANE CLOSURES WILL BE ALLOWED FOR MOVEMENT OF EQUIPMENT AND DELIVERY OF MATERIALS AS DIRECTED BY THE ENGINEER.
- ⑦ THE ILLINOIS DEPARTMENT OF TRANSPORTATION STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. PLEASE CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618/874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.
- ⑧ THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING ACCESS TO WORK AREAS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ⑨ THE CONTRACTOR SHALL BE AWARE OF THE CONDITIONS OF THE 404 PERMIT REGARDING EROSION CONTROL MEASURES AND BE IN COMPLIANCE WITH THEM.
- ⑩ IN ORDER TO AVOID EROSION OF THE EXCAVATED AREAS THE CONTRACTOR SHALL HAVE RIPRAP PLACED WITHIN 24 HOURS OF EXCAVATION UNLESS OTHERWISE DIRECTED BY THE ENGINEER DUE TO ADVERSE WEATHER CONDITIONS.
- ⑪ ALL AREAS DISTURBED FOR ANY REASON SHALL BE TEMPORARILY AND PERMANENTLY SEEDED AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.

SUMMARY OF QUANTITIES

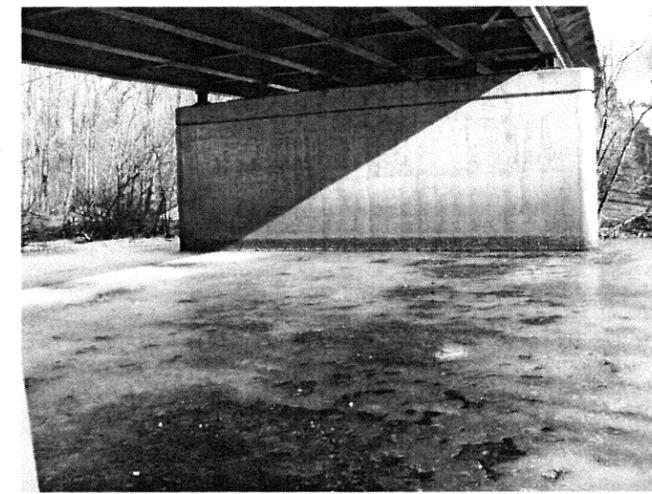
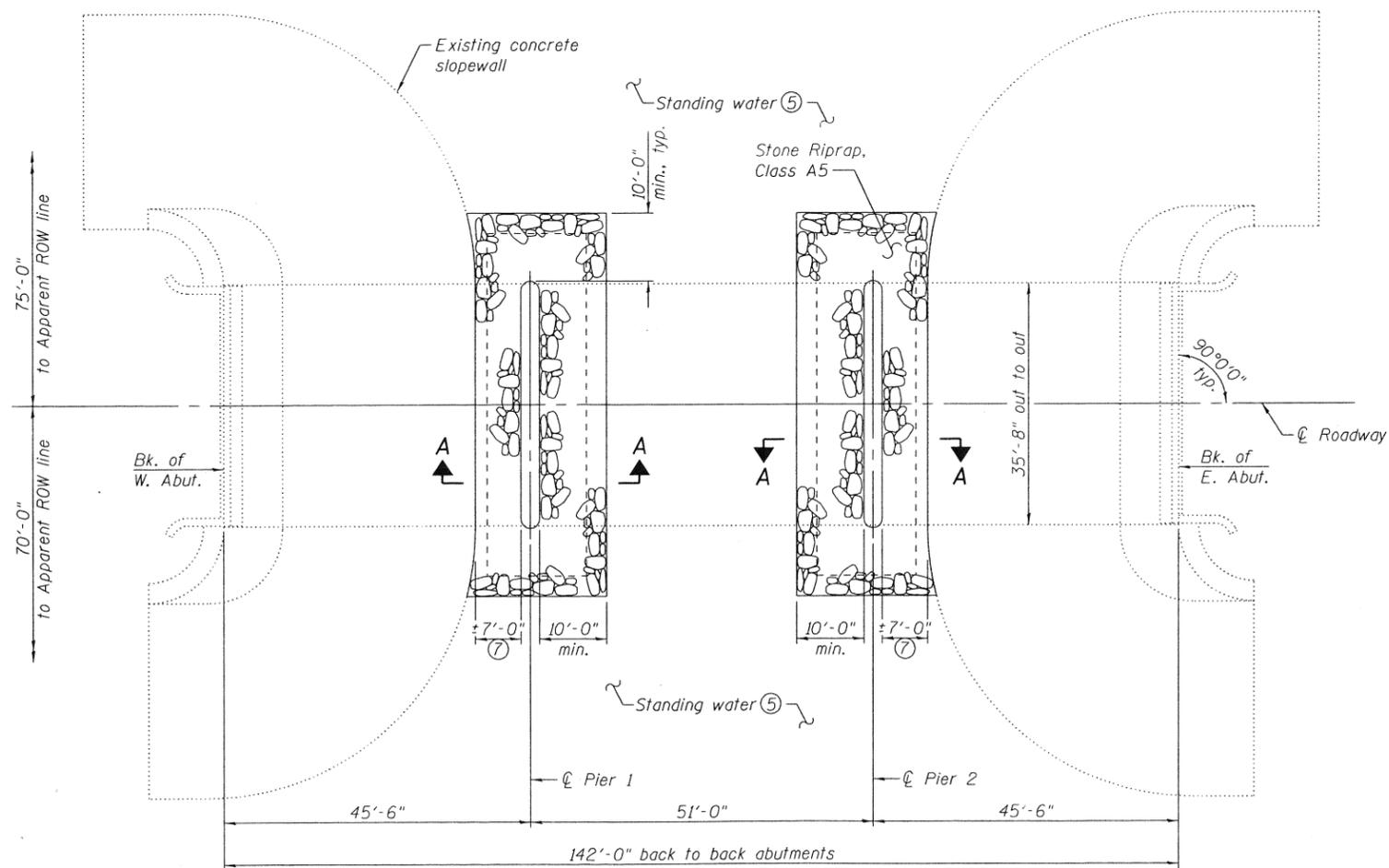
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	100% STATE	FAS 1048 RURAL	FAU 9377 URBAN
					BRIDGE	BRIDGE
					0020	0020
				S. N.	S. N.	
				082-0061	082-0062	
28100109	STONE RIPRAP, CLASS A5	SQ YD	505		225	280
28200200	FILTER FABRIC	SQ YD	325		150	175
67100100	MOBILIZATION	L SUM	1		0.5	0.5
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1		0.5	0.5

FILE NAME =	USER NAME = burnsdem	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES AND SUMMARY OF QUANTITIES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
o:\pr-work\p101dot\burnsdem\0807347\087653-shr-plm.dgn	DRAWN -	REVISED -	*			2981-4	ST. CLAIR	4	2	
PLOT SCALE = 100:0000 // 1/4"	CHECKED -	REVISED -	* FAS1048/FAU 9377			CONTRACT NO. 76H53				
PLOT DATE = 8/20/2014	DATE -	REVISED -	FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.		

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

[Signature]

DATE: 01/15/2014
EXPIRATION: 11/30/2015

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

GATES ASSOCIATES
Engineers & Architects

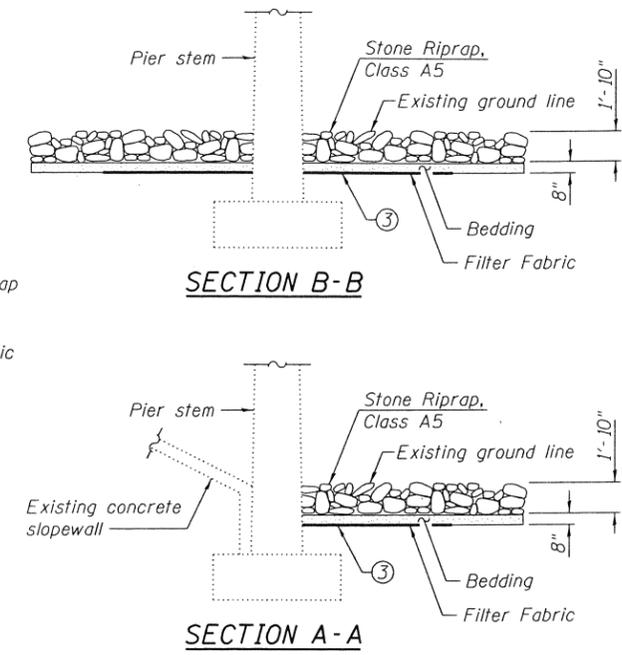
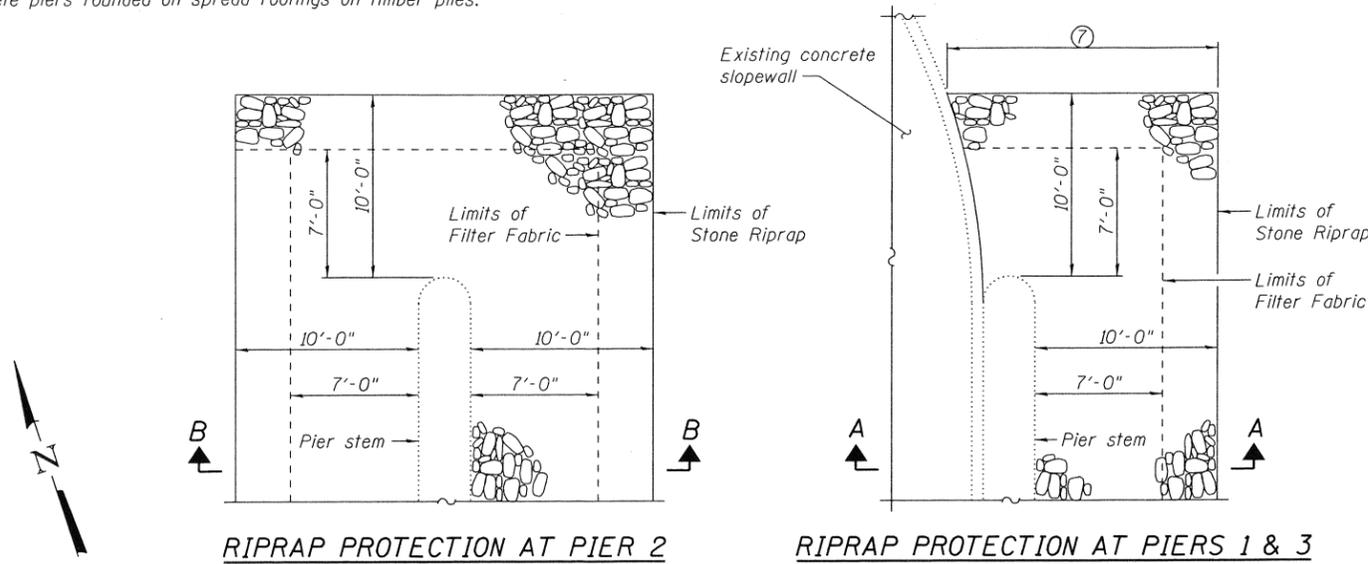
1100 Lakeside Center
1100 Lakeside Center, Suite 11
Columbia, IL 62234
Tel: 618-365-2200
Fax: 618-365-7234
www.gatesassociates.com

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	CHECKED - JAD	REVISED
PLOT SCALE =	DRAWN - MAG	REVISED
PLOT DATE =	CHECKED - JAD	REVISED

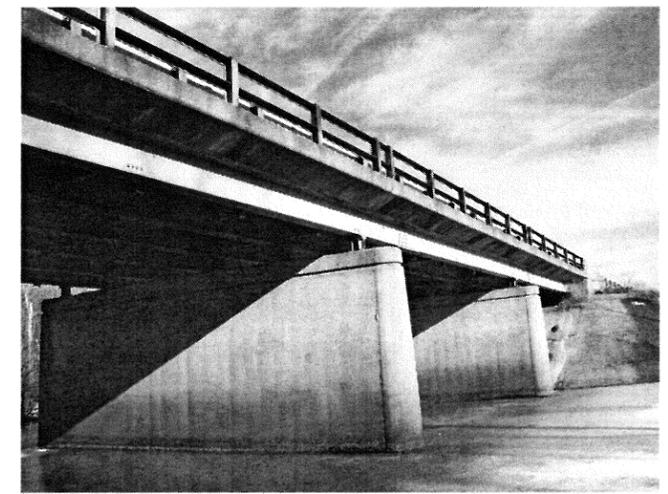
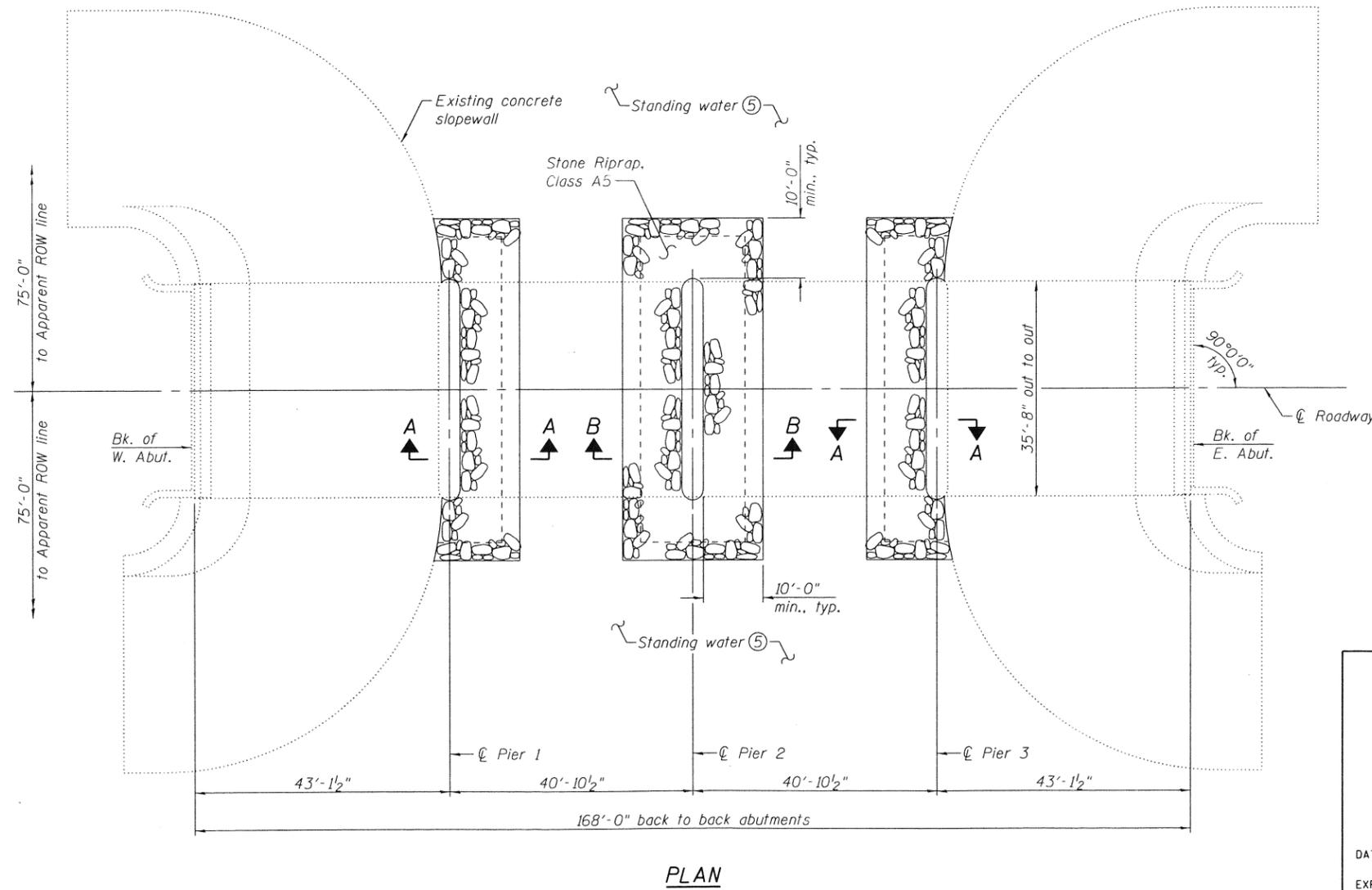
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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
Engineering - Architecture
4140 S. Eastman Business Center 1
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Columbia, IL 62204
tel: 618-345-1200
fax: 618-345-1222
www.gatesassociates.com

USER NAME =	DESIGNED - MAG	REVISIONS
DESIGNED - JAD	CHECKED - JAD	REVISIONS
DRAWN - MAG	CHECKED - JAD	REVISIONS
PLOT DATE =		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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