

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 789/310 (IL 143/US 67)
SECTION 56BR-I, 52-1BI-1

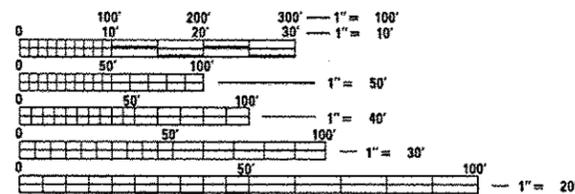
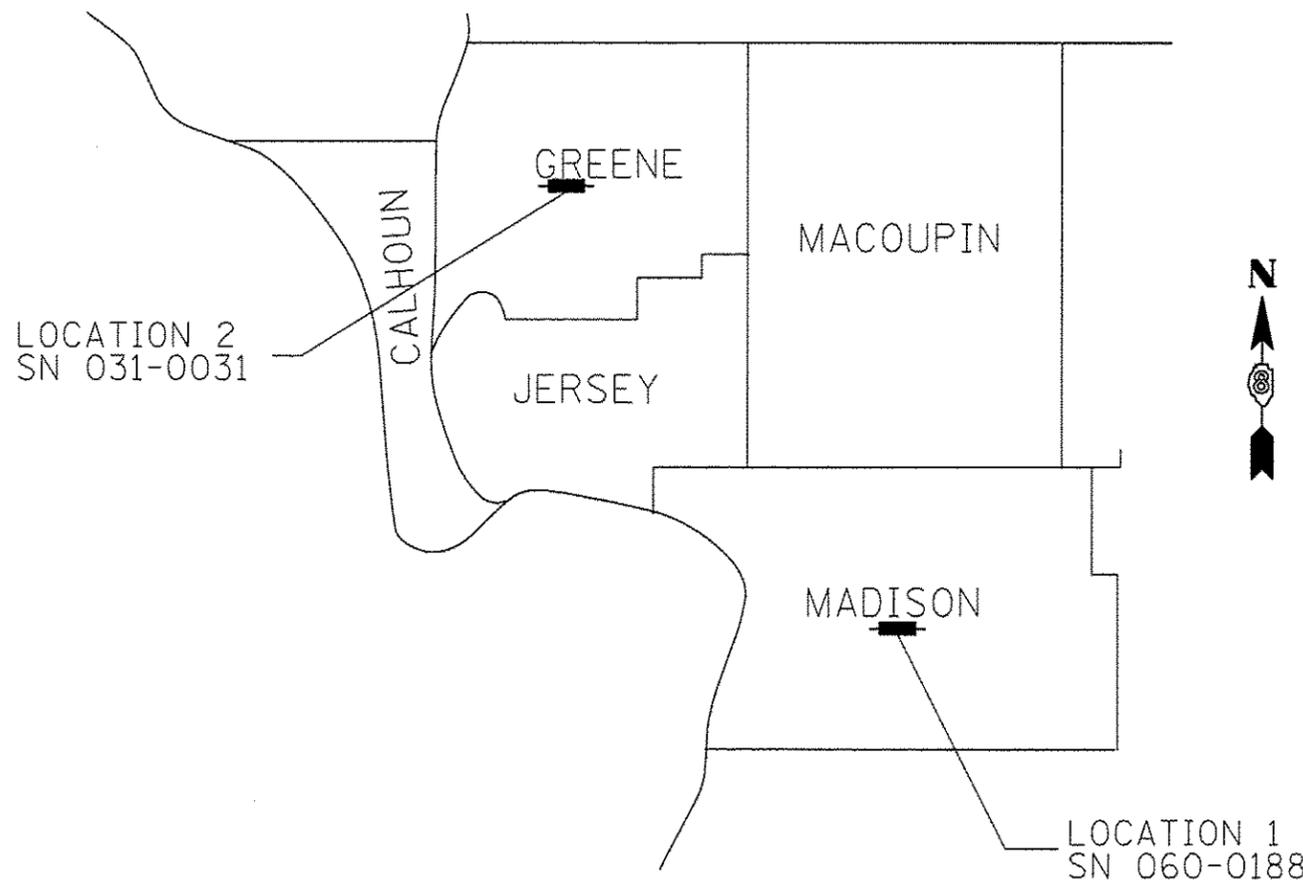
SCOUR MITIGATION
MADISON/GREENE COUNTY

C-98-025-16

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
789/310	56BR-I, 52-1BI-1	**	7	1
ILLINOIS			CONTRACT NO. 76J37	

*789/310
**MADISON/GREENE

D-98-018-16



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: HERVE' GELIN (618) 346-3179
PROJECT MANAGER: BILLIE OWEN (618) 346-3329

CONTRACT NO. 76J37

GROSS LENGTH = 848.83 FT. = 0.161 MILE
NET LENGTH = 848.83 FT. = 0.161 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED Feb 5 20 16
Jeffrey Z. K...
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

March 13 20 16
Maureen M. Addis PE
ENGINEER OF DESIGN AND ENVIRONMENT

March 13 20 16
Omer Osman PE
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

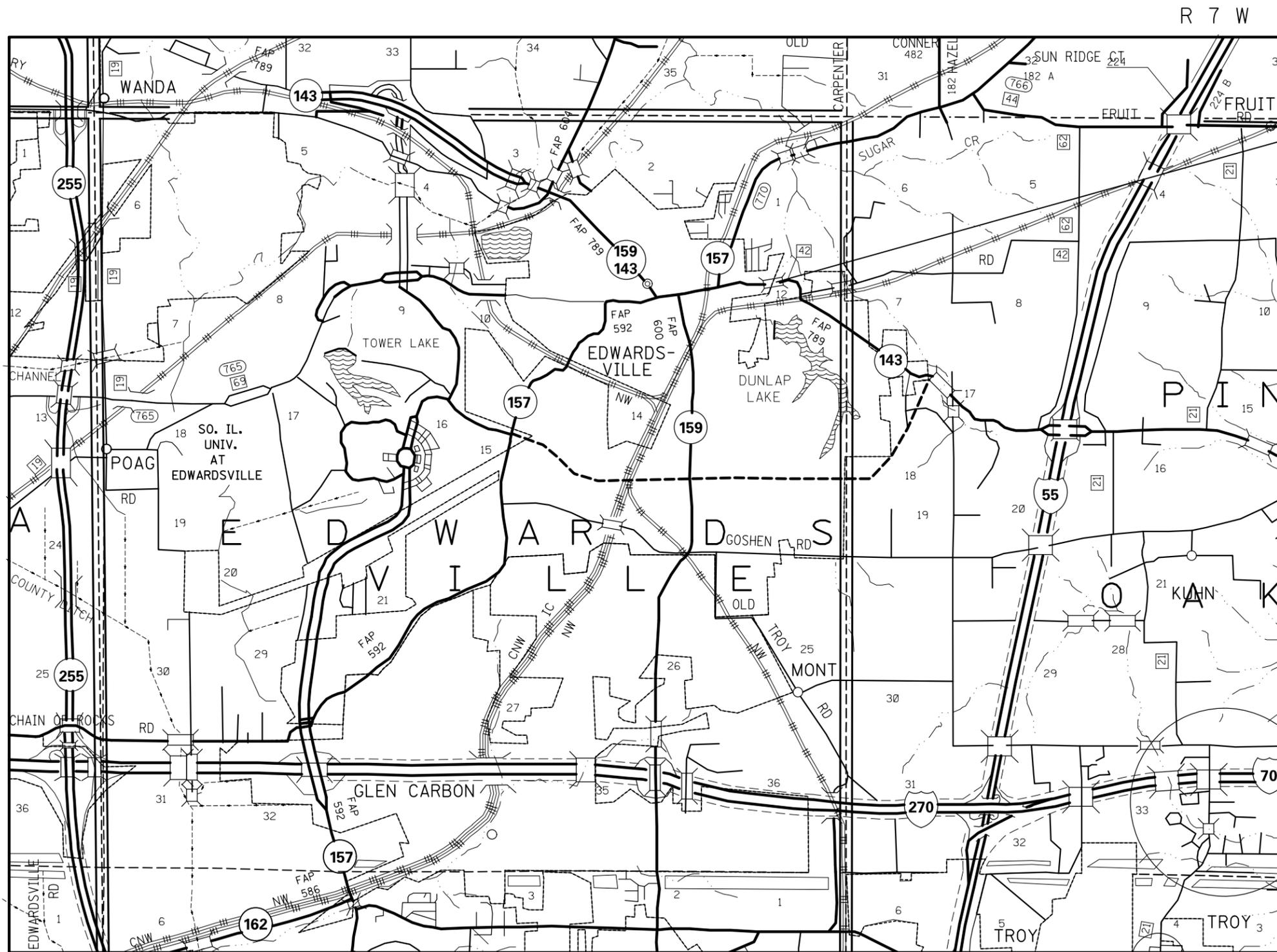
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ILLINOIS DEPARTMENT OF TRANSPORTATION				CONSTRUCTION CODE	
SUMMARY OF QUANTITIES				100% STATE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITIES	FAP 789 SN 060-0188	FAP 310 SN 031-0031
				BRIDGE 0020 MADISON	BRIDGE 0020 GREENE
28100107	STONE RIPRAP, CLASS A4	SQ YD	2200		2200
28100109	STONE RIPRAP, CLASS A5	SQ YD	155	155	
28200200	FILTER FABRIC	SQ YD	1875	155	1720
67100100	MOBILIZATION	L SUM	1	0.50	0.50
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.50	0.50

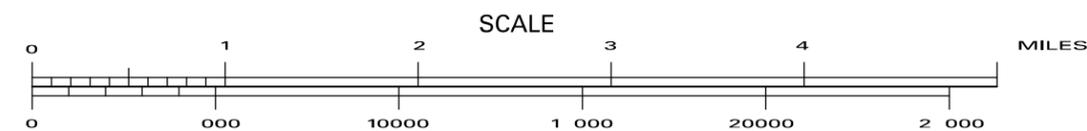
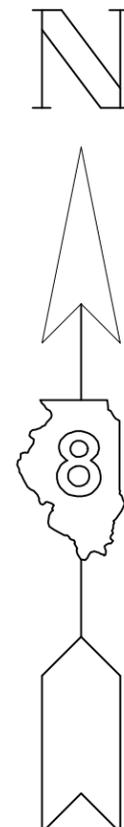
5

* SPECIALTY ITEM

FILE NAME =	USER NAME = mnm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	*789/310		**MADISON/GREENE		
pw\11084EBIDINTEG\illinois.gov\PI00T\Documents\IDOT Offices\District 8\Projects\087-DRAWING\DATA\6AD\sheet\0876J37-eh-S00.d	DRAWING DATA\6AD\sheet\0876J37-eh-S00.d	CHECKED -	REVISED -			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / in.		DATE -	REVISED -			*	56BR-1, 52-181-1	**	7	3
PLOT DATE = 2/4/2016				SCALE: NA	SHEET 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 76J37		



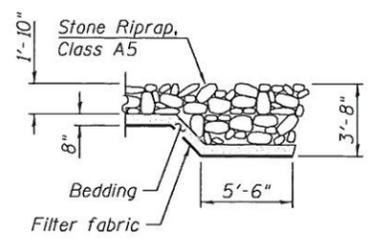
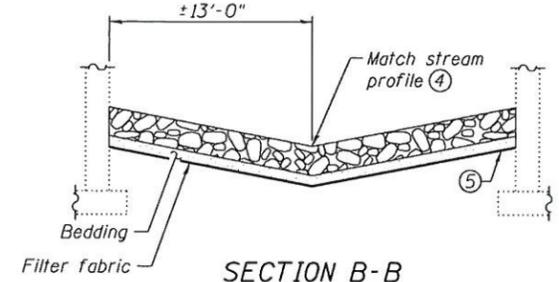
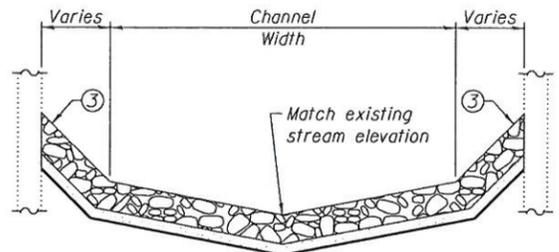
LOCATION 1
 S.N. 060-0188 - STA. 25+78.87
 IL 143 OVER MOONEY CREEK
 0.50 MILES EAST OF IL 157 JCT- EDWARDSVILLE TNSHP
 MADISON COUNTY
 LATITUDE - 38.81335967
 LONGITUDE - -89.93843058



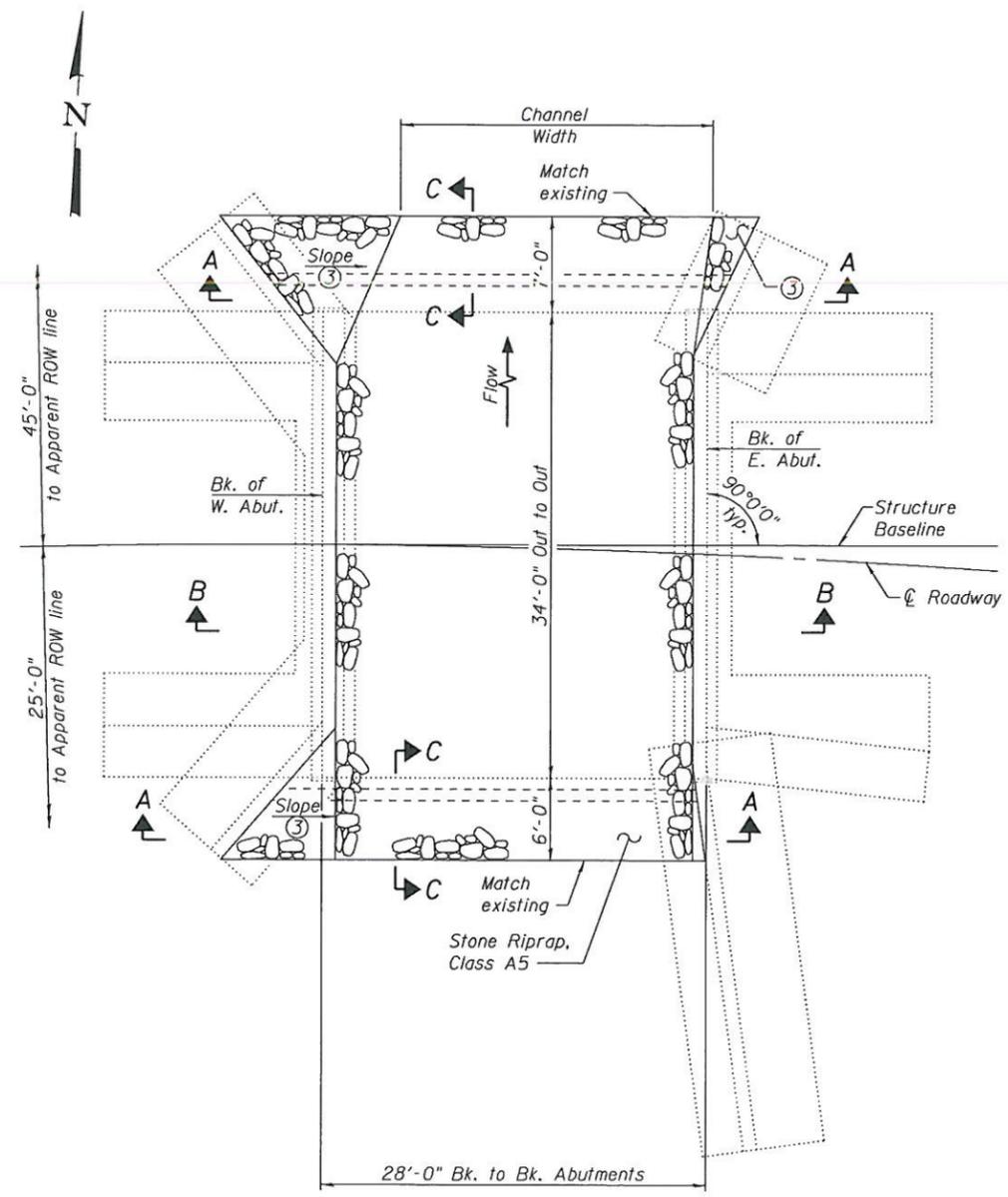
FILE NAME =	USER NAME = manntm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION 1 - SN 060-0188 MADISON COUNTY		•789/310 ••MADISON/GREENE		
pw\ill084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 8\Projects\D87637\Drawings\AD\Sheets\D876J37-sht-pln.dwg		DRAWN -	REVISED -		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -		•	56BR-1, 52-1B1-1	•• MADISON	7	4
MODELNAME	PLOT DATE = 2/4/2016	DATE -	REVISED -		CONTRACT NO. 76J37		ILLINOIS FED. AID PROJECT		
				SCALE: NA	SHEET 1	OF 2 SHEETS	STA.	TO STA.	

Existing Structure: S.N. 060-0188 consists of a single span precast prestressed concrete deck beam superstructure supported on concrete closed abutments founded on spread footings.

- 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 scour mitigation system may be varied to suit ground conditions in the field as directed by the Engineer.
 - ③ Grade channel bank to a slope that will provide a stable base for riprap as directed by the Engineer. Cost included in Stone Riprap, Class A5.
 - ④ Grade streambed so that the top of the Stone Riprap approximately matches the existing stream profile as directed by the Engineer. Cost included in Stone Riprap, Class A5.
 - ⑤ At the abutments, no excavation shall be allowed below the top of the footing.
 - ⑥ The cost of removing and disposing of existing riprap, brick, block, rubble, soil, or other materials as encountered is included in the cost of Stone Riprap, Class A5.
 - ⑦ 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.
 - ⑧ Elevation view shown as of December 17, 2015. Actual conditions may vary.
 - ⑨ Estimated quantities. Actual quantities to be determined in the field.



ELEVATION VIEW ⑧
(Looking North)



TOTAL BILL OF MATERIAL ⑨

CODE NO.	ITEM	UNIT	TOTAL
28100109	Stone Riprap, Class A5	Sq. Yd.	155
28200200	Filter Fabric	Sq. Yd.	155

IL ROUTE 143 OVER MOONEY CREEK
STRUCTURE NO. 060-0188

DANIEL GEORGE LUTZ
062-060383
LICENSED PROFESSIONAL ENGINEER OF ILLINOIS

DATE: 1/25/2016
EXPIRATION: 1/30/2017

DATES ASSOCIATES
Engineering & Architecture

1001 Laramie Street, Suite 100
Columbia, IL 62202
Tel: 618-345-7220
Fax: 618-345-7222
www.datesassociates.com

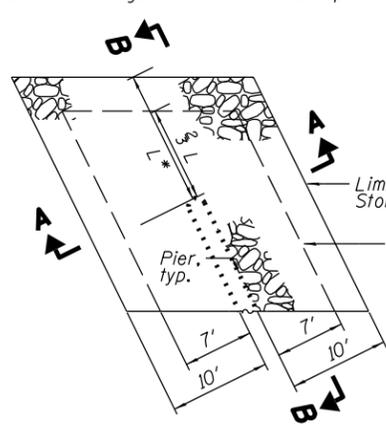
USER NAME =	DESIGNED - SJN	REVISED
PLOT SCALE =	CHECKED - JAD	REVISED
PLOT DATE =	DRAWN - SJN	REVISED
	CHECKED - JAD	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
LOCATION 1
SHEET NO. 1 OF 2 SHEETS

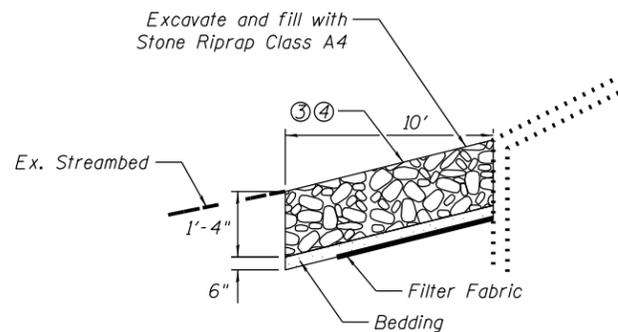
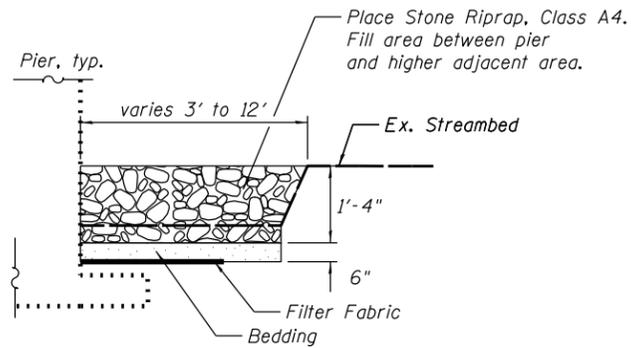
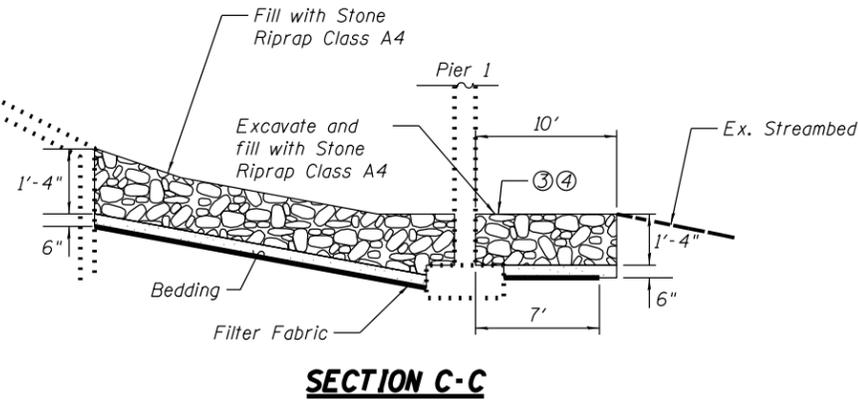
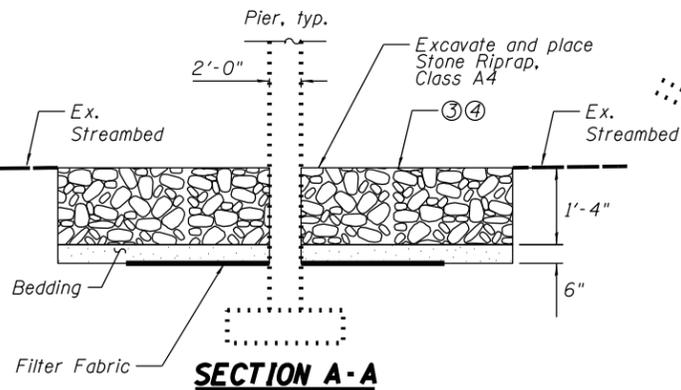
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	568R-1, 52-181-1	**	7	6
CONTRACT NO. 76J37			ILLINOIS FED. AID PROJECT	

Existing Structure: S.N. 031-0031 consists of a 12-span steel I-beam structure supported on open abutments founded on concrete piles and protected by concrete slopewalls, and eleven solid wall concrete piers with footings founded on timber piles.



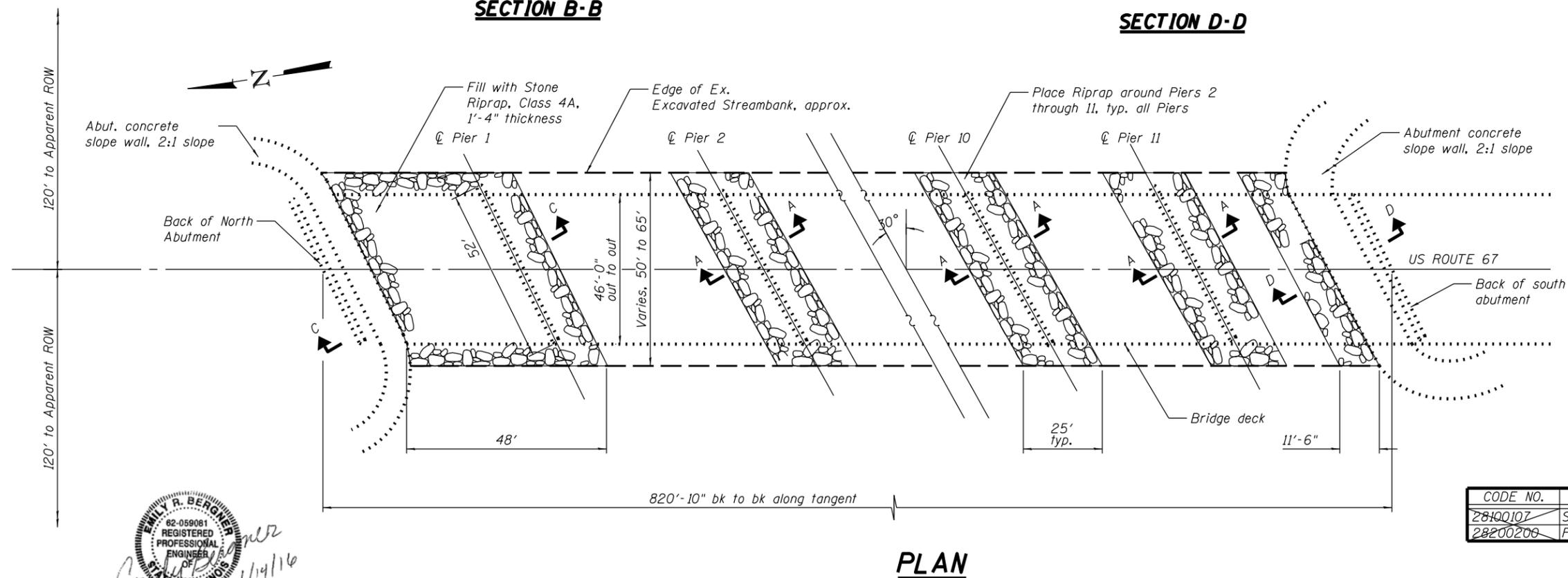
*Length, L varies, 3' to 12', to edge of ex. excavated bank. Filter fabric to extend to 2/3 length of riprap.

RIPRAP PROTECTION AT PIERS



SECTION B-B

SECTION D-D



PLAN



ELEVATION VIEW ⑦
(Looking North)

TOTAL BILL OF MATERIAL ⑧

CODE NO.	ITEM	UNIT	QUANTITY
2810Q107	Stone Riprap, Class A4	Sq. Yd.	2200
28200200	Filter Fabric	Sq. Yd.	1720

US 67 OVER APPLE CREEK OVERFLOW
STRUCTURE NO. 031-0031

- GENERAL NOTES**
- Plan dimensions and details relative to existing plans are subject to routine 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 based upon the unit price bid for the work.
 - Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer. Slope protection system shall be placed in a manner that does not reduce the total waterway opening or block the flow of the drainage ditches below the structure.
 - Grade streambed so that top of the Stone Riprap approximately matches the existing stream profile as directed by the Engineer. Cost included Stone Riprap, Class A4.
 - No excavation shall be allowed below the top of footing at the abutments and piers.
 - The cost of removing and disposing of existing riprap, brick, block, rubble, soil, or other materials as encountered is included in the cost of Stone Riprap, Class A4.
 - 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.
 - Elevation view shown as of September 2013. Actual conditions may vary.
 - Estimated quantities. Actual quantities to be determined in the field.

EMILY R. BERGNER
82-059081
REGISTERED
PROFESSIONAL
ENGINEER
STATE OF ILLINOIS
1/14/16
exp. 11/30/17

fluidclarity

USER NAME =	DESIGNED ML/EB	REVISED
PLOT SCALE =	CHECKED MK	REVISED
PLOT DATE =	DRAWN ML/EB	REVISED
	CHECKED MK	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
LOCATION 2

SHEET NO. 1 OF 1 SHEETS

•789/310	•MADISON/GREENE			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	568R-1, 52-1B1-1	••	7	7
CONTRACT NO. 76J37				
ILLINOIS FED. AID PROJECT				