06-10-2016 LETTING ITEM 135

STATE OF ILLINOIS

**DEPARTMENT OF TRANSPORTATION** 

**DIVISION OF HIGHWAYS** 

FOR INDEX OF SHEETS, SEE SHEET NO. 2

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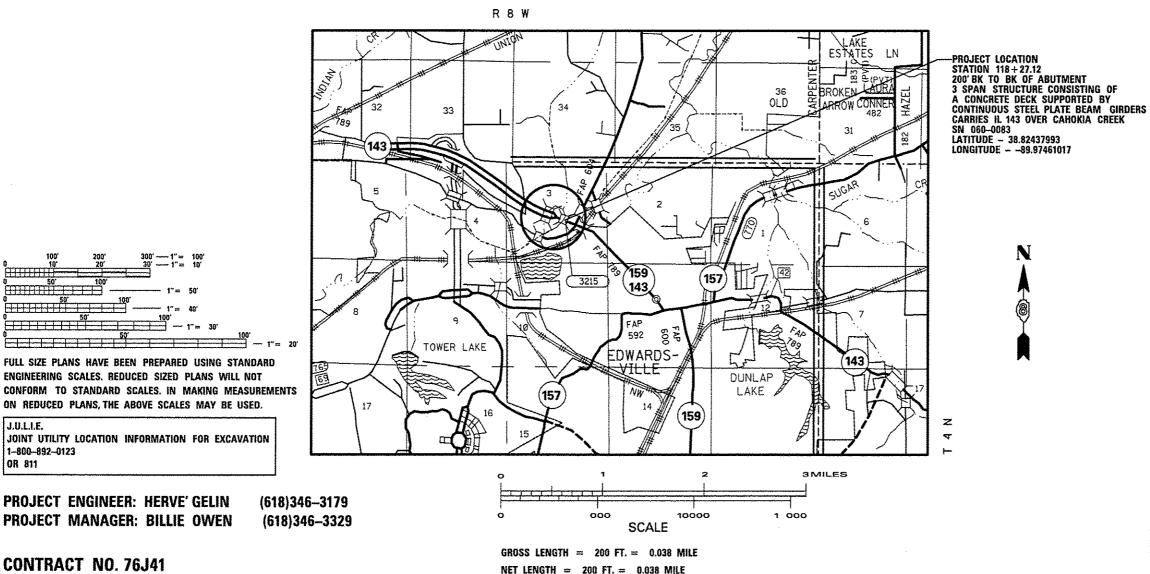
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# **PROPOSED** HIGHWAY PLANS

**FAP ROUTE 789 (IL143)** SECTION 125-BR-I

**SCOUR MITIGATION MADISON** COUNTY

C-98-015-16



F.A.P. RTE. 789 125-BR-T MADISON 5 1 ILLINOIS CONTRACT NO. 76J41

D-98-021-16



DEPARTMENT OF TRANSPORTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT

ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION

PROJECT ENGINEER: HERVE' GELIN

PROJECT MANAGER: BILLIE OWEN

CONTRACT NO. 76J41

1-800-892-0123 OR 811

#### INDEX OF SHEETS

1 COVER SHEET

2 INDEX OF SHEETS, LIST OF IDOT HIGHWAY STANDARDS, GENERAL NOTES, COMMITMENTS

3 SUMMARY OF QUANTITIES

4 LOCATION MAP

**5 STRUCTURE PLAN** 

#### **GENERAL NOTES**

1. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES WITHIN THE PROJECT AREA 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:

ATT ILLINOIS
MARATHON PIPE LINE LLC
NE CENTRAL COUNTY PUBLIC WATER DISTRICT

CHARTER COMMUNICATIONS, INC

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

- THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS
  PROJECT. THE CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO
  CONSTRUCTION AND ORDERING OF MATERIALS.
- 3. ONLY SHORT TERM LANE CLOSURES SHALL BE ALLOWED FOR MOVEMENT OF EQUIPMENT AND AS DIRECTED BY THE ENGINEER.
- 4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BE AWARE OF ALL 404 PERMIT CONDITIONS REGARDING EROSION CONTROL MEASURES AND BE IN COMPLIANCE WITH THEM.
- 5. 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.
- 6. IF THE CONTRACTOR, FOR HIS CONSTRUCTION ACTIVITY, REMOVES TREES WITHIN THE RIGHT-OF-WAY LIMITS WHICH ARE NOT DESIGNATED ON THE PLANS FOR REMOVAL, I.E., IN ORDER TO GAIN ACCESS TO THE PROJECT SITE; IT WILL BE HIS RESPONSIBILITY TO REPLACE THE TREES AT A 1:1 RATIO. THE TREES WILL BE REPLACED WITH A ONE (1) GALLON NATIVE ILLINOIS TREE SPECIES AND SHALL BE APPROVED BY THE ENGINEER. THE TREE REMOVAL AND TREE REPLACEMENT WILL BE AT THE CONTRACTOR'S EXPENSE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- "TRUCKS ENTERING AND LEAVING" SIGNS SHALL BE REQUIRED AND PLACED ACCORDING TO THE ENGINEER'S DISCRETION. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 8. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING ACCESS TO THE WORK AREA. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ANY AREAS DISTURBED DUE TO CONSTRUCTION ACTIVITIES SHALL BE SEEDED AT THE CONTRACTOR'S
  EXPENSE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. THIS WILL INCLUDE TEMPORARY AND
  PERMANENT SEEDING.
- 10. COORDINATION WITH THE DEPARTMENT'S BUREAU OF OPERATIONS IS REQUIRED BEFORE ANY TRENCHING SHALL BE DONE TO LOCATE HIGHWAY LIGHTING/PUMP STATIONS/INTELLIGENT TRANSPORTATION SYSTEM FACILITIES AND TO COORDINATE OTHER FIELD ACTIVITIES.
- 11. THE ILLINOIS DEPARTMENT OF TRANSPORTATION STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITIES, WOMEN, AND DISADVANTAGE INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEG GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGE INDIVIDUALS IN HIGHWAY CONSTRUCTION RELATED SKILLS, E.G., MATH FOR 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.

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DATE

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12. THE ADT FOR THIS PROJECT IS AS FOLLOWS:

USER NAME = menntm

PLOT DATE = 3/23/2016

PLOT SCALE . 100.0000 '/ in

2015 ADT = 9350 (ACTUAL) 2016 ADT = 9400 (ESTIMATED) SU = 4.8% MU = 1.2%

FILE NAME #

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

### INDEX OF SHEETS, LIST OF IDOT HWY STDS GEN NOTES, AND COMMITMENTS

TO STA.

SHEET 1 OF 1 SHEETS STA.

SCALE: NA

#### 

LIST OF IDOT STANDARDS 000001-06

001006 701001-02

701006-05 701201-04

701301-04 701901-05

#### COMMITMENTS

NO COMMITMENTS

ILLINOIS DEPARTMENT OF TRANSPORTATION

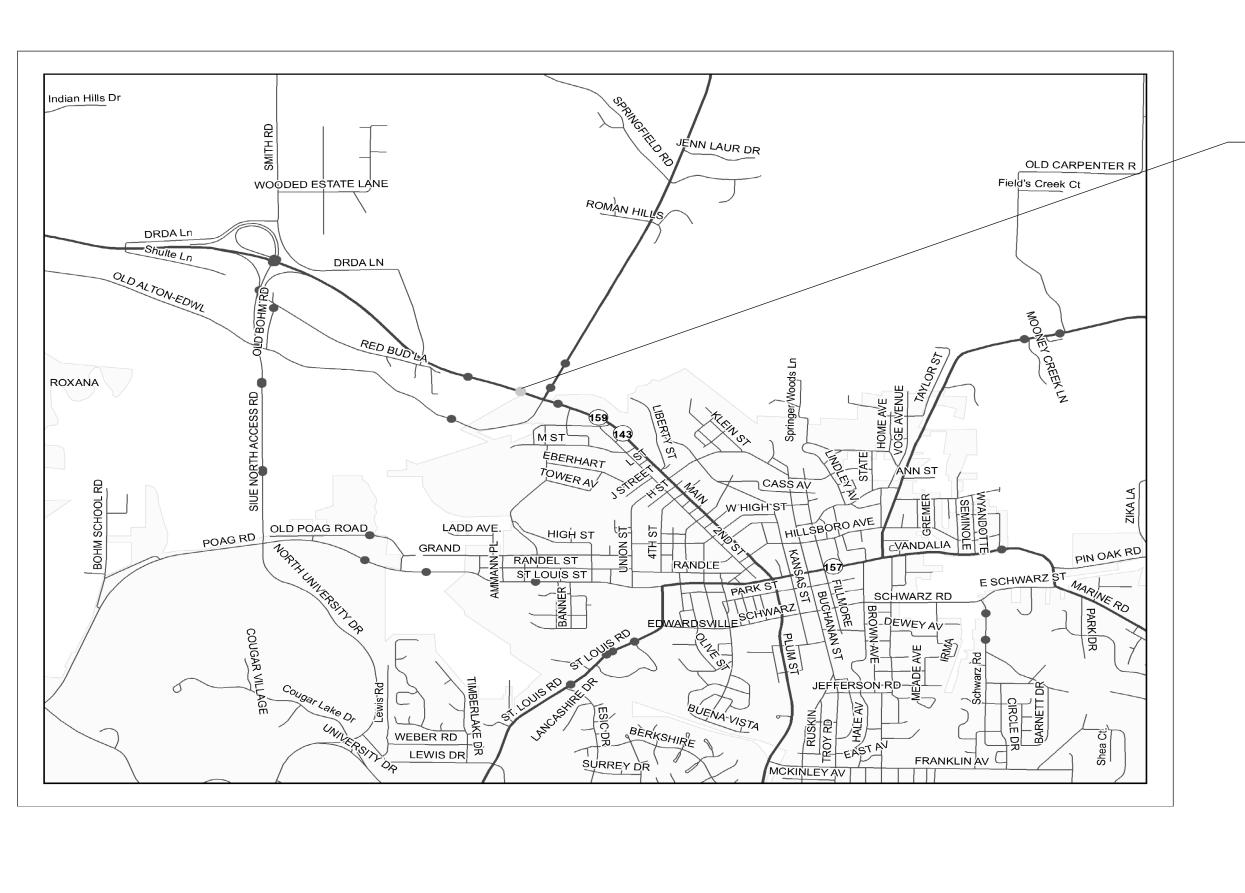
SUMMARY OF QUANTITIES

CONSTR. CODE
1001.
STATE

				BRIDGE
CODE	A LINE CONTRACTOR OF THE CONTR	The state of the s	TOTAL	0014
NO.	ITEM	UNIT	QUANTITY	060-0083
			**************************************	
28100109	STONE RIPRAP, CLASS A5	SQ YD	480	480
28200200	FILTER FABRIC	SO YD	275	275
		A7 44 44 44 44 44 44 44 44 44 44 44 44 44		
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	20	20
66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	1
			111111111111111111111111111111111111111	
66900530	SOIL DISPOSAL ANALYSIS	EACH	Pro-	1
67100100	MOBILIZATION	LSUM	The state of the s	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	LSUM	1	1

\* specialty Items

1								
	FILE NAME &	USER NAME = meantm	DESIGNED -	REVISED -		SUMMARY OF	F.A.P. SECTI	TON COUNTY SHEETS NO.
- 1	pwi\\IL884EBIDINTEG.11tznoza.goviPWIDOT\Doc	omenta\1907 Offices\District &\Projects\087	S.DRANData\SAOsheets\D876J4i-sht-plan.o	REVISEO ~	STATE OF ILLINOIS	QUANTITIES	789 125-8	R-1 MADISON 5 3
		PLOT SCALE = 108.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	- UOAWITTES		CONTRACT NO. 76J41
		PLOT DATE • 3/23/2016	DATE -	REVISED -		SCALE: NA SHEET 1 OF 1 SHEETS STA. TO STA.	l l	ILLINOIS FED. AID PROJECT



STATE OF ILLINOIS

**DEPARTMENT OF TRANSPORTATION** 

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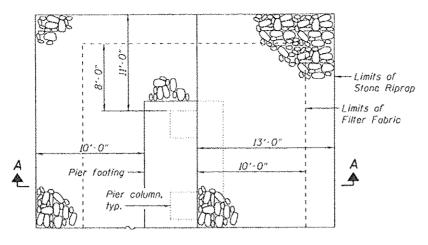
S.N. 014-0024 - STA. 118+27.12 IL 143 OVER CAHOKIA CREEK NORTHWEST OF IL 159-EDWARDSVILLE TWNSHP COUNTY

COUNTY LATITUDE - 38.82437993 LONGITUDE - -89.97461017

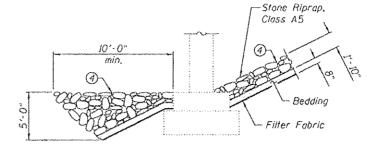


DETAIL LOCATION MAP							RTE.	SECTION	COUNTY	SHEETS	NO.		
I									789	12-BR-1	MADISON	5	4
l											CONTRAC	T NO.	76J41
l	SCALE:	SHEET	1	0F	1 S	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				

Existing Structure: S.N. 060-0083 consists of a three span continuous steel superstructure supported on concrete open abutments founded on precast concrete piles and multiple column piers with spread footings founded on timber piles.

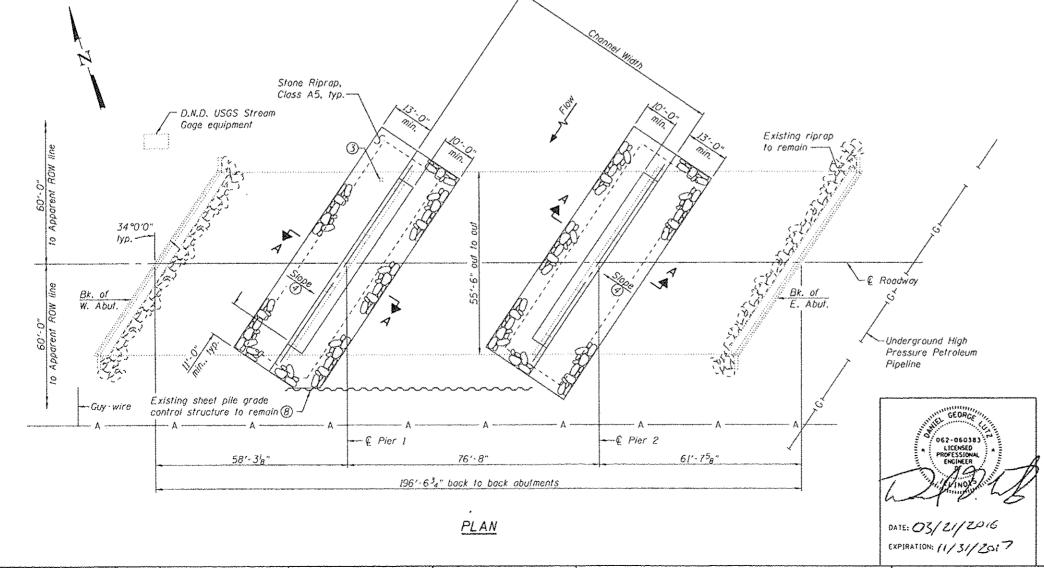


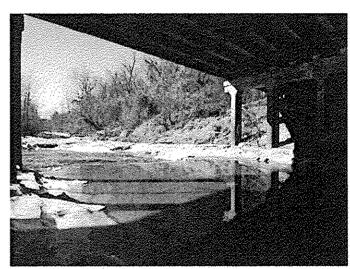
RIPRAP PROTECTION AT PIER



SECTION A-A

- (i) 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.
- USGS Stream Gage 05587900 located at the upstream face. Adjust riprap loyout as required to avoid existing stream gage instrumentation and associated service lines.
- (4) Grade streambed and channel bank so that the top of the Stone Riprap approximately matches the existing ground line as directed by the Engineer. The cost of removing and disposing of existing riprap, brick, block, rubble, soil, or other materials to meet this requirement is included in the cost of Stone Riprap, Class A5.
- (5) Contractor to locate existing underground utilities. Where existing underground utilities conflict with riprop placement, the Contractor shall adjust the layout as directed by the Engineer.
- 6 Elevation view shown as of February 3, 2014. Actual conditions
- (7) Estimated quantities. Actual quantities to be determined in
- (8) Adjust riprap layout as required to avoid existing sheet pile grade control structure.





**ELEVATION VIEW ®** (Looking South)

## TOTAL BILL OF MATERIAL ?

CODE NO.	ITEM	UNIT	TOTAL
88100103	Stone Riprop, Class A5	Sq. Yd.	480
28200200	Filter Fobric	Sq. Yd.	275

IL ROUTE 143 OVER CAHOKIA CREEK STRUCTURE NO. 060-0083

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1		166
- 1		Cce.
- 1	<b>1///</b>	mr c
- 1	7772	590
- 1	DATES ASSOCIATES	
ł	Chimewing - Austrianium	4,100

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STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**  GENERAL PLAN AND ELEVATION LOCATION 1 SHEET NO. 1 OF 1 SHEETS

COUNTY TOTAL SHEET NO.

MADISON 5 5 789 CONTRACT NO. 76J41