

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	(177-2B)M-1	STEPHENSON	6	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 64D71		

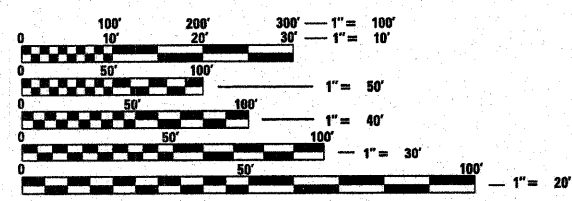
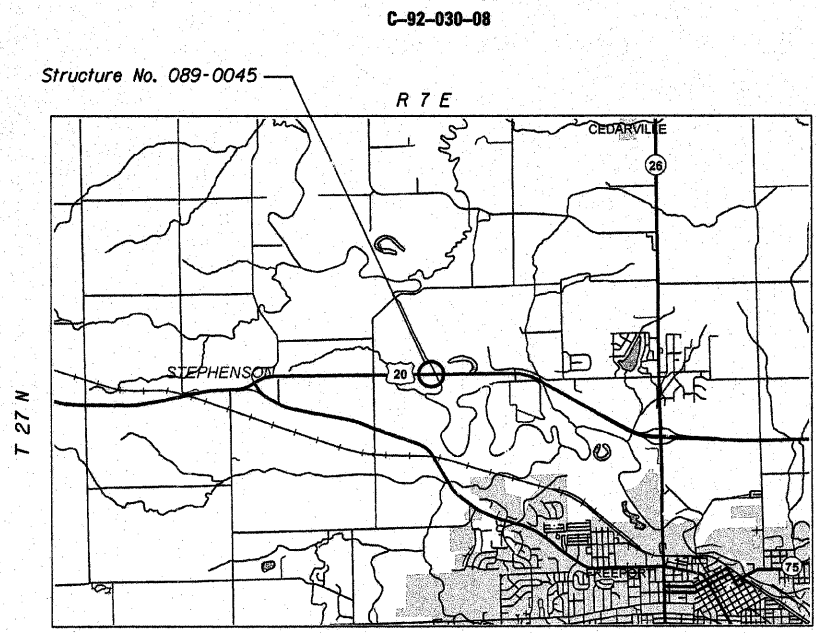
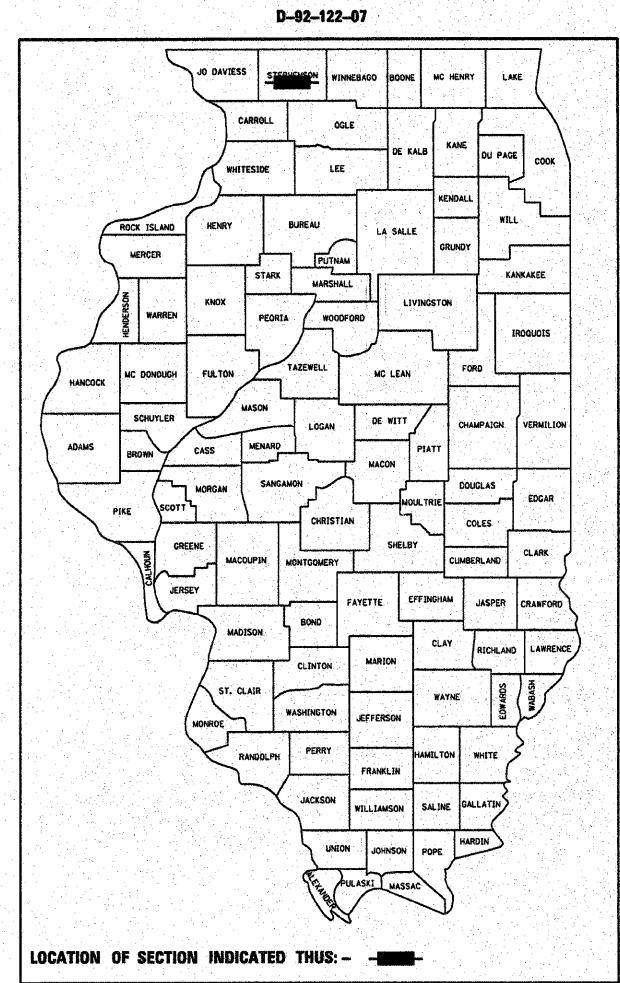
INDEX OF SHEETS

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2. Summary of Quantities
3. General Notes
Structure Plans 089-0045
4. General Plan & Elevation
5. Piers 1 & 3
6. Pier 2

STANDARDS

701201-03 Lane Closure, 2L, 2W, Day Only, for Speeds > 45 MPH

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED
HIGHWAY PLANS
FAP ROUTE 301 (US 20)
SECTION (177-2B)M-1
INSTALLATION OF SCOUR COUNTERMEASURES
STEPHENSON COUNTIES



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 - MAHMOUD ETEMADI 815/284-5393

CONTRACT NO. 64D71

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED Jan 23 2009
George F. Ryan
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 27, 2009
Charles G. Ingersoll
 ENGINEER OF DESIGN AND ENVIRONMENT

March 27, 2009
Christine M. Reed
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

SUMMARY OF QUANTITIES

Paycode	Description	Units	100% STATE SFTY-2A Total Quantity
20300100	CHANNEL EXCAVATION	CU YD	1135
28100209	STONE RIPRAP, CLASS A5	TON	1510
28200200	FILTER FABRIC	SQ YD	820
67100100	MOBILIZATION	L SUM	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD T01201	L SUM	1
X0326441	STONE BEDDING MATERIAL	TON	515

FILE NAME =	USER NAME = lskndj	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	Summary of Quantities	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D:\BR\CADD plans\Various Counties\64D71	2008 scour countermeasures\PLANeng.dgn	DRAWN -	REVISD -			301	(177-2B)M-1	STEPHENSON	6	2
	PLDT SCALE = 50.0000' / IN.	CHECKED -	REVISD -			CONTRACT NO. 64D71				
	PLDT DATE = Tue Jan 28 14:38:31 2009	DATE -	REVISD -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
				SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____						

GENERAL NOTES

The contractor is responsible for all utility contacts prior to construction. Call J.U.L.I.E. at 1-800-892-0123.

The contractor is responsible for obtaining existing structure plans for all structures prior to construction or ordering materials. Plans are available by written request through the Illinois Department of Transportation, District 2, Bureau of Operations, 819 Depot Avenue, Dixon, Illinois 61021.

The final top 100 mm (four inches) of soil in any right-of-way area disturbed by the Contractor must be capable of supporting vegetation. The soil must be from the A horizon (zero to 2' deep) of soil profiles of local soils.

All Borrow/Waste/Use sites must be approved by the Department prior to removing any material from the project or initiating any earthmoving activities, including temporary stockpiling outside the limits of construction.

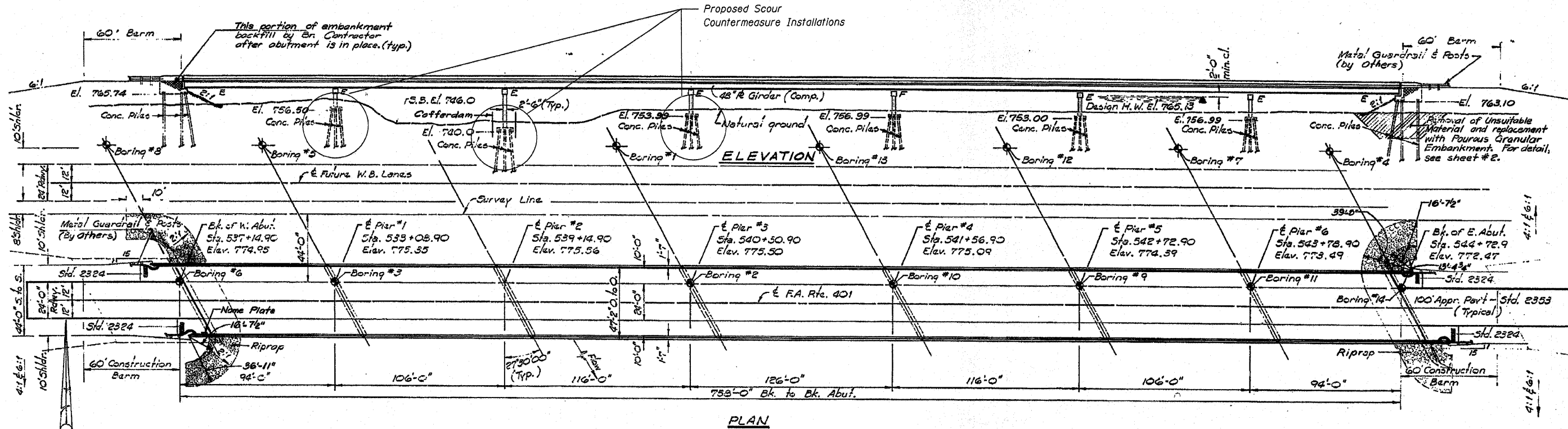
The Contractor shall seed all disturbed areas within the project limits. Seeding Class 4 or 2A shall be used, except in front of properties where the grass will be mowed, then use Seeding, Class 1. Class 2A shall be used on front slopes and ditch bottoms. Class 4 shall be used behind Type A gutter, on all backslopes and areas behind the backslope, and beyond the toe of front slope on fill sections without ditches. This work will be included in the contract unit price per Cubic Yard for CHANNEL EXCAVATION.

Fertilizer shall be applied to all disturbed areas and incorporated into the seedbed prior to seeding or placement of sod at the rate specified in Sections 250 and 252 of the Standard Specifications. This work shall be included in the cost of CHANNEL EXCAVATION.

Mulch Method II shall be applied over all seeded areas. This shall be included in the cost of the CHANNEL EXCAVATION.

Culvert & bridge flows must be maintained throughout the project. Normal flow shall be allowed to pass at the rate it enters the jobsite. High flows shall be allowed to pass without causing damage to upstream properties.

FILE NAME =	USER NAME = linkdj	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	General Notes	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
D:\BRYCADD plans\Various Counties\64D71	2008 scour countermeasures\PLANeng.dgn	DRAWN - ---	REVISED - ---			301	(177-2BM-1)	STEPHENSON	6	3	
	PLOT SCALE = 50.0000' / IN.	CHECKED - ---	REVISED - ---			CONTRACT NO. 64D71					
	PLOT DATE = Tue Jan 20 14:38:54 2009	DATE - -----	REVISED - ---			FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					
				SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____							



PLAN

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Filter Fabric	SQ. Yd.	820
Stone Riprap, Class A5	Tons	1510
Traffic Control and Protection, Standard 701201	L. Sum	1
Stone Bedding Material	Tons	515

GENERAL NOTES

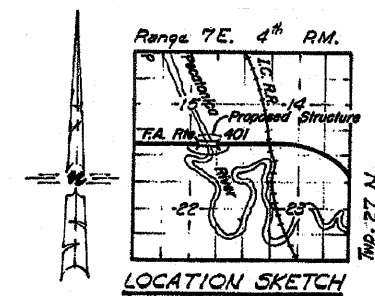
Plan dimensions and details relative to existing structures have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of work. However, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

The structure will retain the same structure number.

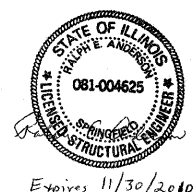
Streambed elevations shown are taken from underwater survey dated 5-04-2007 performed by IDOT District 2 personnel and subject to variations. Such variations shall not be the cause for additional compensation for a change in the scope of work. However, the Contractor shall be paid for the quantity actually furnished at the bid price for the work.

See special provisions for in stream work restrictions.

Aggregate Bedding for the Riprap shall meet the requirements for Stone Riprap, Class A2.



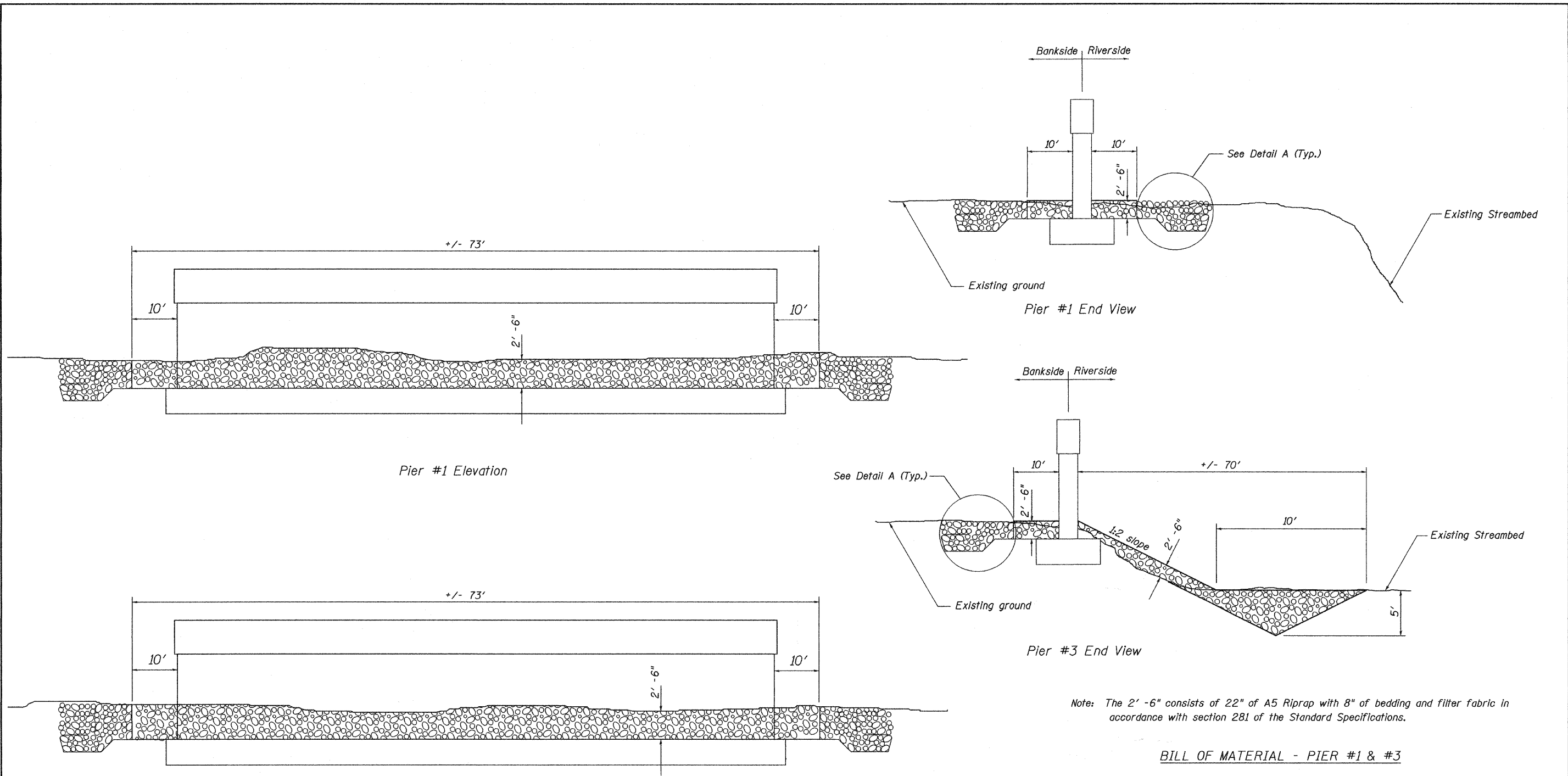
LOCATION SKETCH



Expires 11/30/2010

GENERAL PLAN AND ELEVATION
 F.A.P. 301 (US 20) OVER
 PECATONICA RIVER
 SECTION (177-2B)M-1
 STEPHENSON COUNTY
 STR. NO. 089-0045

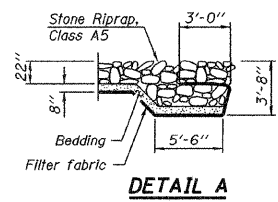
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	2008 scour countermeasures\PLANeng.dgn	DRAWN - ---	REVISED - ---			SCALE: _____	SHEET NO. ___ OF ___ SHEETS	STA. _____ TO STA. _____	FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT		
	PLOT SCALE = 50.0000' / IN.	CHECKED - ---	REVISED - ---								
	PLOT DATE = Tue Jan 20 14:39:16 2009	DATE - ---	REVISED - ---								




Note: The 2' -6" consists of 22" of A5 Riprap with 8" of bedding and filter fabric in accordance with section 281 of the Standard Specifications.

BILL OF MATERIAL - PIER #1 & #3

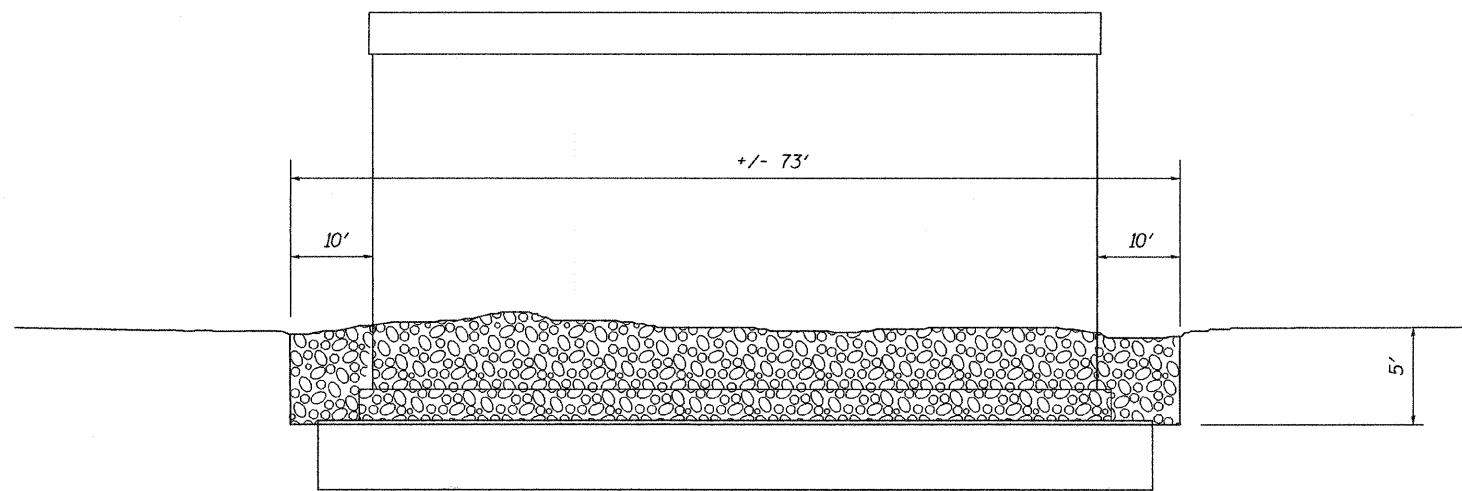
ITEM	UNIT	TOTAL
Filter Fabric	Sq. Yd.	820
Stone Riprap, Class A5	Tons	1100
Traffic Control and Protection, Standard 701201	L. Sum	1
Stone Bedding Material	Tons	365



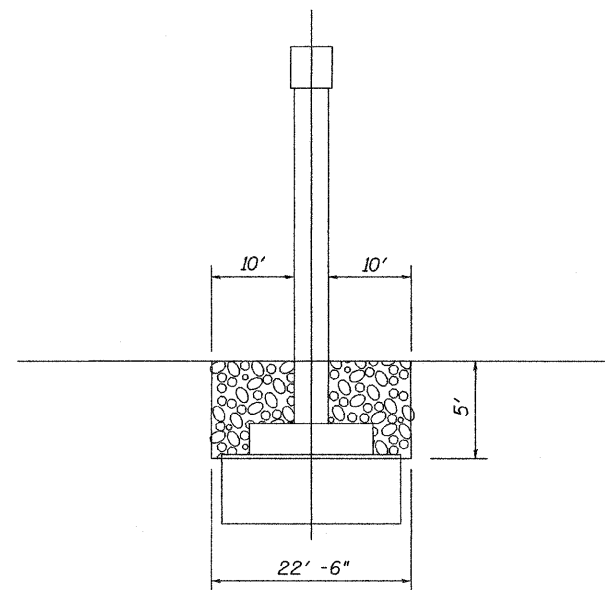
Legend
 STONE RIPRAP, CLASS A5 & Stone Bedding RR2

PIERS #1 AND #3
F.A.P. 301 (US 20) OVER
PECATONICA RIVER
SECTION (177-2B)M-1
STEPHENSON COUNTY
STR. NO. 089-0045

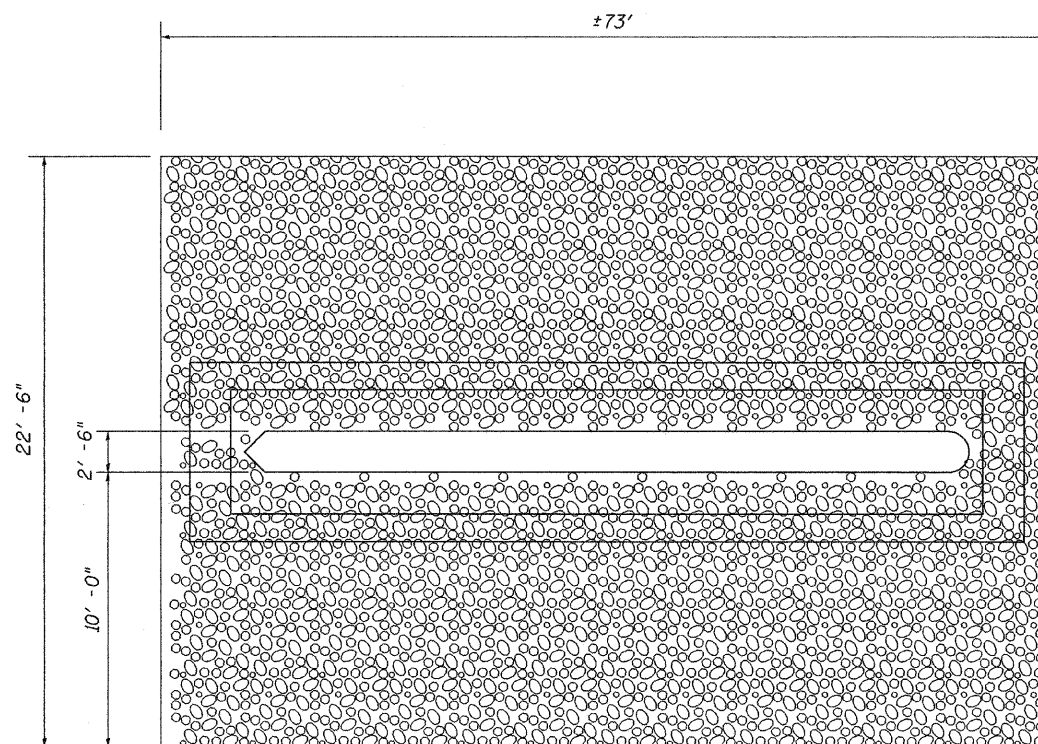
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PLOT DATE = #DATE#		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____										



Pier #2 Elevation



Pier #2 End View



Pier #2 Plan View

Note: The 5' consists of placing 44" of A5 riprap with 16" of bedding in accordance with section 281 of the Standard Specifications. The filter fabric will be omitted.

BILL OF MATERIAL - PIER #2

ITEM	UNIT	TOTAL
Stone Bedding Material	Ton	150
Stone Riprap, Class A5	Ton	410

Legend

 STONE RIPRAP, CLASS A5 & Stone Bedding RR2

PIER #2
F.A.P. 301 (US 20) OVER
PECATONICA RIVER
SECTION (177-2B)M-1
STEPHENSON COUNTY
STR. NO. 089-0045

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	Pier 2 Structure 089-0045	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = #DATE#		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
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