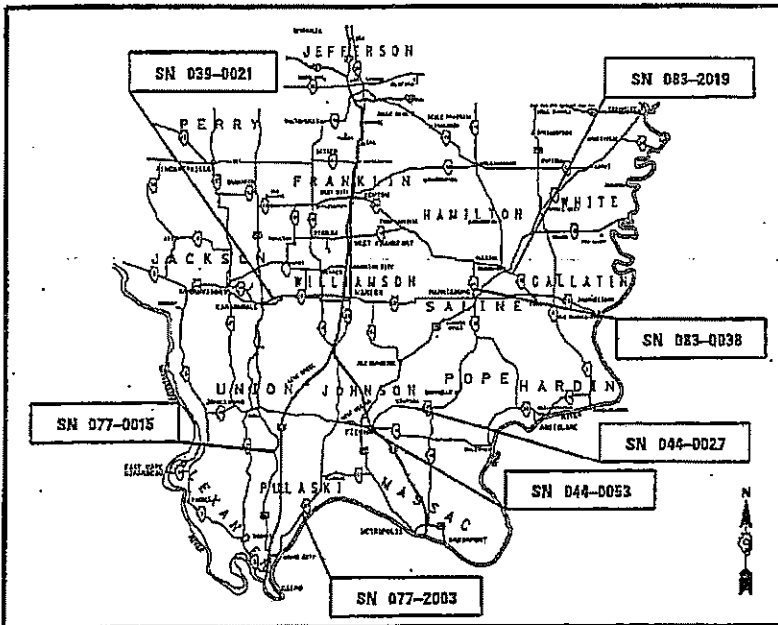
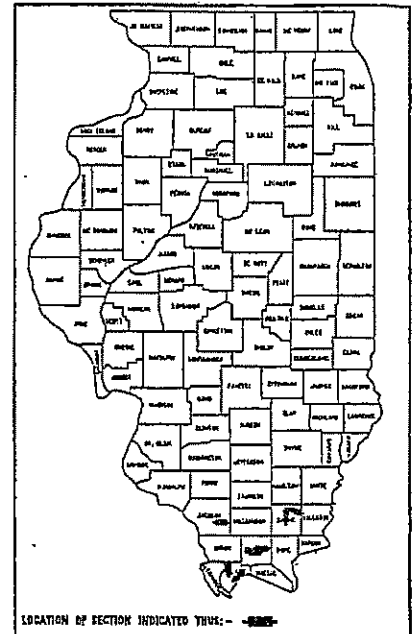


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

VARIOUS ROUTES  
SECTION D9 SCOUR REPAIR FY2008-1  
VARIOUS COUNTIES  
C-99-039-07

VARIOUS ROUTES  
SECTION D9 SCOUR REPAIR FY2008-1  
VARIOUS COUNTIES  
SHEET 1 OF 24  
D-99-032-07



FOR INDEX OF SHEETS, SEE SHEET NO. 2

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

PROJECT ENGINEER: DAVID PICHE 618-351-5227  
DESIGNER: BILL PORTER

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED June 19 20 07

Mary C. Rambo

DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

20

ENGINEER OF DESIGN AND ENVIRONMENT

20

DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

CONTRACT NO. 78014

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

GENERAL NOTES

FACTORS USED FOR QUANTITY CALCULATIONS ARE AS FOLLOWS:

STONE DUMPED RIPRAP CLASS A5: 1.50 TONS/ CU. YD.  
STONE DUMPED RIPRAP CLASS A1: 1.85 TONS/ CU. YD.

THE ENGINEER SHALL DETERMINE THE EXACT LIMITS OF EACH INSTALLATION

TREES SHALL BE PRESERVED THROUGHOUT THE SECTION AS DIRECTED BY THE ENGINEER.

ANY DEBRIS REMOVAL REQUIRED SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR STONE RIPRAP CLASS A5 AND STONE RIPRAP CLASS A1.

EACH RIPRAP INSTALLATION SHALL MEET THE EXISTING FLOWLINE BOTH UPSTREAM AND DOWNSTREAM.

NO REDUCTION IN WATERWAY OPENING SHALL OCCUR UNDER THAT ORIGINALLY PERMITTED.

IN ADDITION TO THE REQUIREMENTS OF ARTICLE 107.16 THE CONTRACTOR SHALL PROTECT THE SURFACE OF ALL BRIDGE DECKS AND BRIDGE APPROACH PAVEMENTS IN A MANNER SATISFACTORY TO THE ENGINEER BEFORE ANY EQUIPMENT IS ALLOWED TO CROSS THE STRUCTURE. PROTECTION SHALL BE PROVIDED FOR ALL EQUIPMENT AS DEFINED IN ARTICLE 107.16 REGARDLESS IF TRACK MOUNTED OR WHEELED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES OWNING UTILITIES... AT EACH LOCATION ACCORDING TO ARTICLE 107.31.

NO ADJUSTMENT OF UTILITIES SHALL BE MADE UNDER THIS CONTRACT. THE LOCATION OF UTILITIES SHALL BE CONSIDERED IN THE BID PRICE FOR THIS CONTRACT.

EXPANSION BOLTS SHALL BE 3/4" Ø X 12" HOOKED BOLTS. HOOKED BOLTS SHALL EXTEND A MINIMUM OF 9" INTO NEW CONCRETE AND HAVE A MINIMUM CERTIFIED PROOF LOAD OF 4,080 LBS.

INDEX OF SHEETS

STANDARDS

1	COVER SHEET
2	GENERAL NOTES, INDEX OF SHEETS, STANDARDS
3	SUMMARY OF QUANTITIES, SCHEDULE OF QUANTITIES
4-6	SN 039-0021 - JACKSON COUNTY FAP 331 (IL 13 EB) OVER CRAB ORCHARD CREEK
7-9	SN 044-0027 - JOHNSON COUNTY FAS 932 (IL 147) OVER BAY CREEK
10-12	SN 044-0053 - JOHNSON COUNTY FAP 885 (IL 146) OVER LITTLE CACHE CREEK
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22-24	SN 083-2019 - SALINE COUNTY FAP 776 (IL 142) OVER CREEK

701301-02

702001-06

Prepared By: Joe Glankiewicz  
DISTRICT STUDIES & PLANS ENGINEER

Examined By: A. Travis Emery  
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Cassie Nelson  
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: Kevin Hammer  
DISTRICT OPERATIONS ENGINEER

Examined By: Joseph Legier  
DISTRICT CONSTRUCTION ENGINEER

Examined By: Bruce Ruffalo  
DISTRICT MATERIALS ENGINEER

Examined By: John Swatlow  
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: James L. Clayton  
ASSISTANT REGIONAL ENGINEER

Approved By: Mary C. Jamie  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

DATE: June 19 20 07

SUMMARY OF QUANTITIES

CONSTRUCTION TYPE CODE

100% STATE  
SFTY-2A

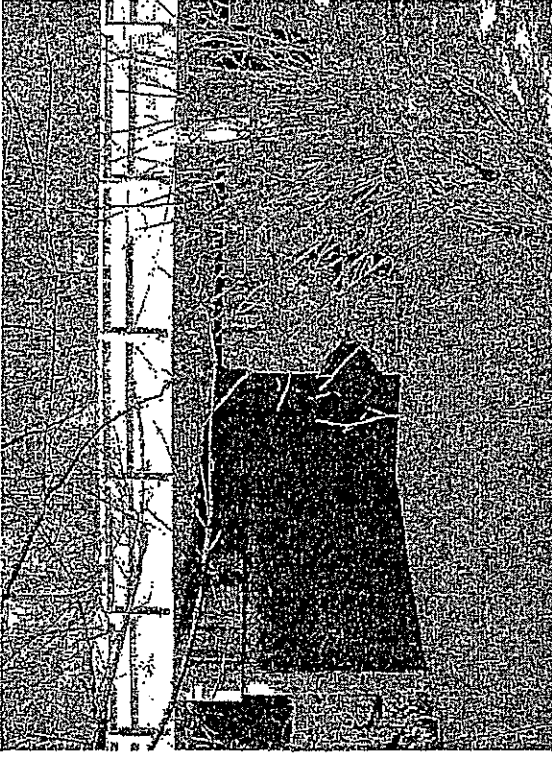
CODE NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
20300100	CHANNEL EXCAVATION	CU YD	17
28100201	STONE RIPRAP, CLASS A1	TON	16
28100209	STONE RIPRAP, CLASS A5	TON	393
28200200	FILTER FABRIC	SQ YD	422
51100400	SLOPE WALL, SPECIAL	SQ YD	105
54002050	EXPANSION BOLTS 3/4 INCH X 12 INCH	EACH	45
67100100	MOBILIZATION	L SUM	1

SCHEDULE OF QUANTITIES

STRUCTURE NUMBER	COUNTY	CHANNEL EXCAVATION	STONE RIPRAP CL A1	STONE RIPRAP CL A5	FILTER FABRIC	SLOPE WALL SPECIAL	EXPANSION BOLTS
		CU YD	TON	TON	SQ YD	SQ YD	EACH
039-0021	JACKSON			68	74		
044-0027	JOHNSON			96	105		
044-0053	JOHNSON			12	13		
077-0015	PULASKI			51	59		
077-2003	PULASKI	17	16			105	45
083-0038	SALINE			124	135		
083-2015	SALINE			42	36		
TOTALS		17	16	393	422	105	45



VARIOUS ROUTES  
SECTION D9 SCOUR REPAIR FY2008-1  
VARIOUS COUNTIES  
SHEET 11 OF 24  
D-99-032-07



LOOKING UPSTREAM

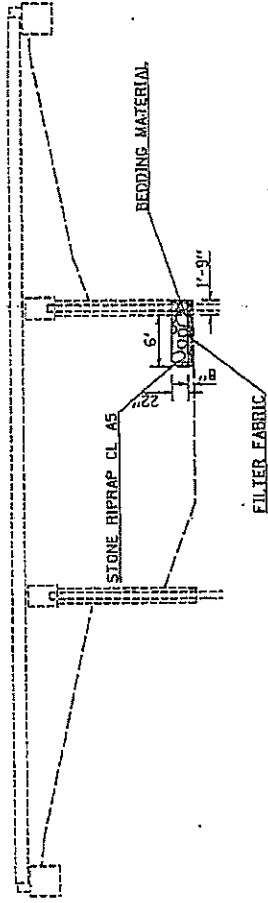


LOOKING DOWNSTREAM

STRUCTURE NO. 044-0053 OVER LITTLE CACHE CREEK

VARIOUS ROUTES  
SECTION D9 SCOUR REPAIR FY2008-1  
VARIOUS COUNTIES  
SHEET 12 OF 24  
D-88-032-07

NORTH FACE OF STRUCTURE

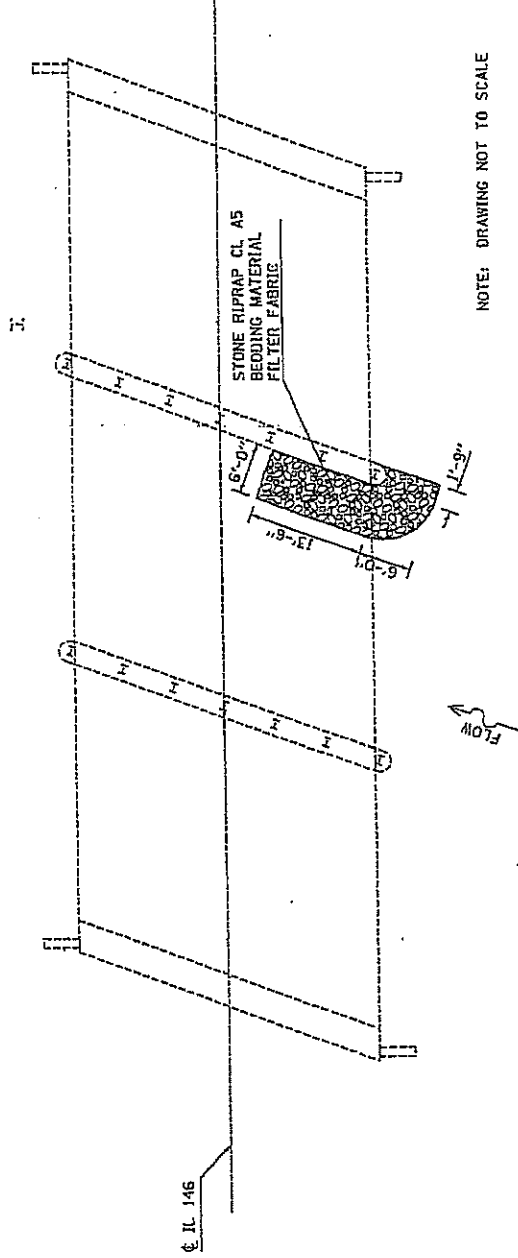


NOTE: DRAWING NOT TO SCALE

ELEVATION VIEW

SN 044-0053  
CL STA 33+39  
104'-1/2" BK TO BK ABUTMENTS  
35'-0" OUT TO OUT  
20° L.A. SKEW

R.O.W. CL  
70' S. CL  
70' N. CL  
UTILITIES



NOTE: DRAWING NOT TO SCALE

PLAN VIEW

SCOUR REPAIR SN 044-0053  
IL 146 OVER LITTLE CACHE CREEK