

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

**PROPOSED
 HIGHWAY PLANS**

FAI 70 & FAS 1707 (I-70 & US40)
 SECTION D7 SCOUR COUNTERMEASURES 2009

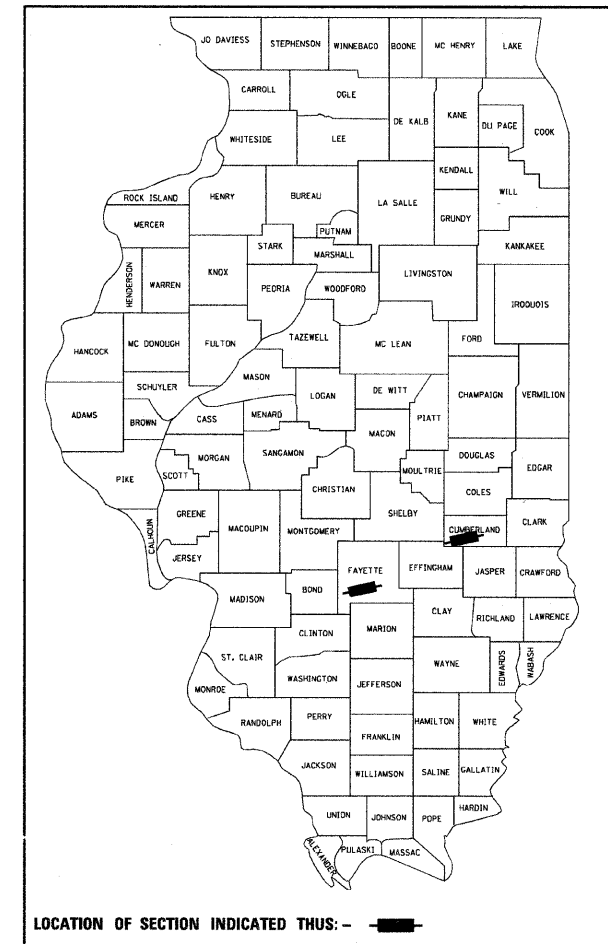
SCOUR MITIGATION
 CUMBERLAND & FAYETTE COUNTIES

C-97-083-09

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		Various	6	1
ILLINOIS			CONTRACT NO. 74389	

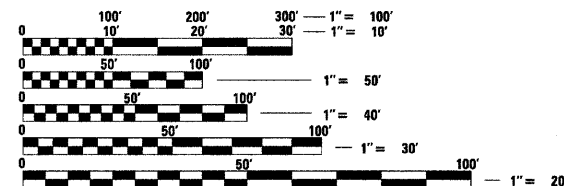
D7 Scour Countermeasures 2009

D-97-045-09



LOCATION OF SECTION INDICATED THUS: - ■ -

FOR INDEX OF SHEETS, SEE SHEET NO.



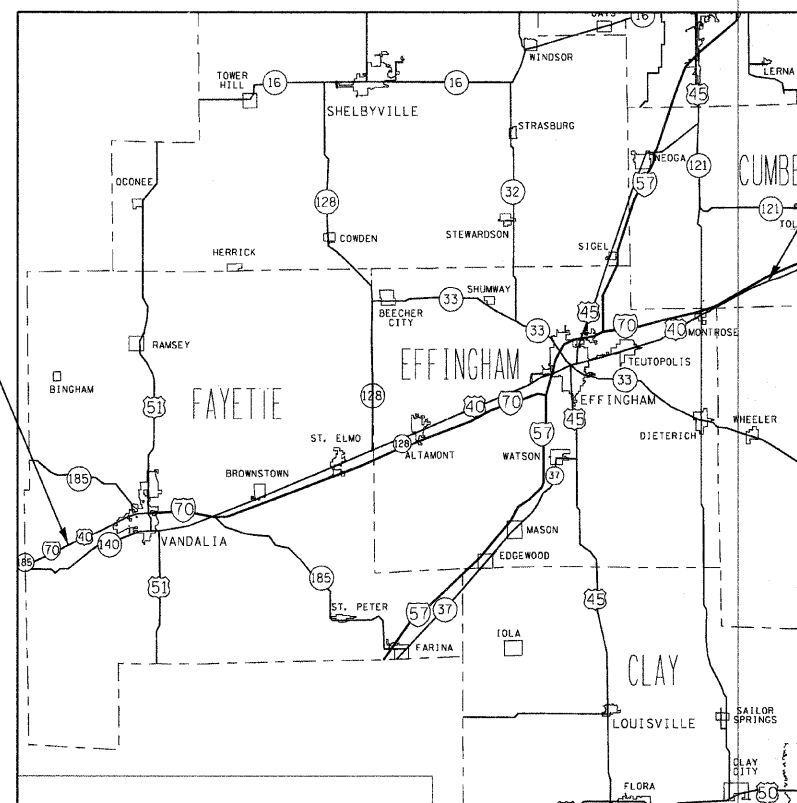
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: ALEC RING
 PROJECT MANAGER

CONTRACT NO. 74389

STR #026-0005 WB &
 STR #026-0006 EB



STR #018-0007



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED April 1 20 09

Roger L. Shubert
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 8, 20 09
Charles J. Ingersoll *MD*
 ENGINEER OF DESIGN AND ENVIRONMENT

May 8, 20 09
Christine M. Reed *MD*
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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 OF THE STATE OF ILLINOIS

GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS; THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2007; THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS INDICATED ON THE CHECKSHEET; AND THE SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL.

THIS PROJECT IS LOCATED ON US-40 OVER BIG MUDDY CREEK IN CUMBERLAND COUNTY AND I-70 at HURRICAN CREEK OVERFLOW 1 IN FAYETTE COUNTY AT STRUCTURE NUMBERS 018-0007 AND 026-0005 & 0006 RESPECTIVELY.

THE WORK INCLUDED IN THIS PROJECT CONSISTS OF SCOUR MITIGATION, CHANNEL EXCAVATION AND ALL OTHER WORK NECESSARY TO COMPLETE THIS SECTION.

PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING STRUCTURE HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO THE CONSTRUCTION OR ORDERING OF MATERIAL. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION OR A CHANGE IN THE SCOPE OF WORK. THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATION AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS 800-892-0123. A MINIMUM OF 96 HOURS ADVANCE NOTICE IS REQUESTED.

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX OF SHEETS, HIGHWAY STANDARDS AND GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4 LOCATION MAPS
- 5-6 SCOUR MITIGATION PLAN SHEETS

LIST OF HIGHWAY STANDARDS

- 000001-05 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
- 701006-03 OFF-ROAD OPERATIONS, 2L, 2W, 15' to 24" FROM EDGE OF PAVEMENT
- 701011-02 OFF ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701101-02 OFF-ROAD OPERATIONS, MULTI-LANE, 15' to 24" FROM EDGE OF PAVEMENT
- 701106-02 OFF-ROAD OPERATIONS, MULTI-LANE, MORE THAN 15' AWAY
- 701901-01 TRAFFIC CONTROL DEVICES

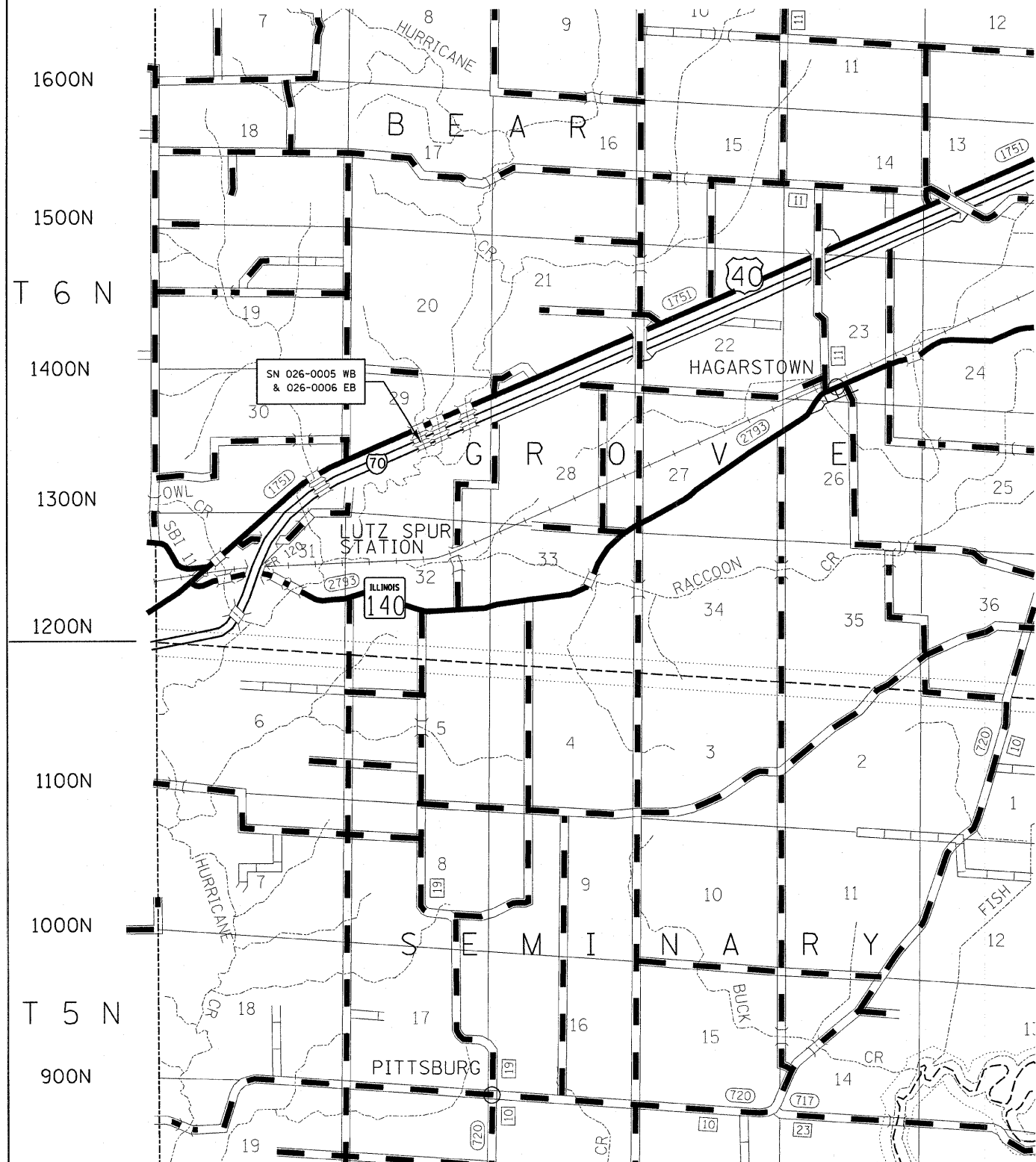
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	PLDT DATE = 3/30/2009	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
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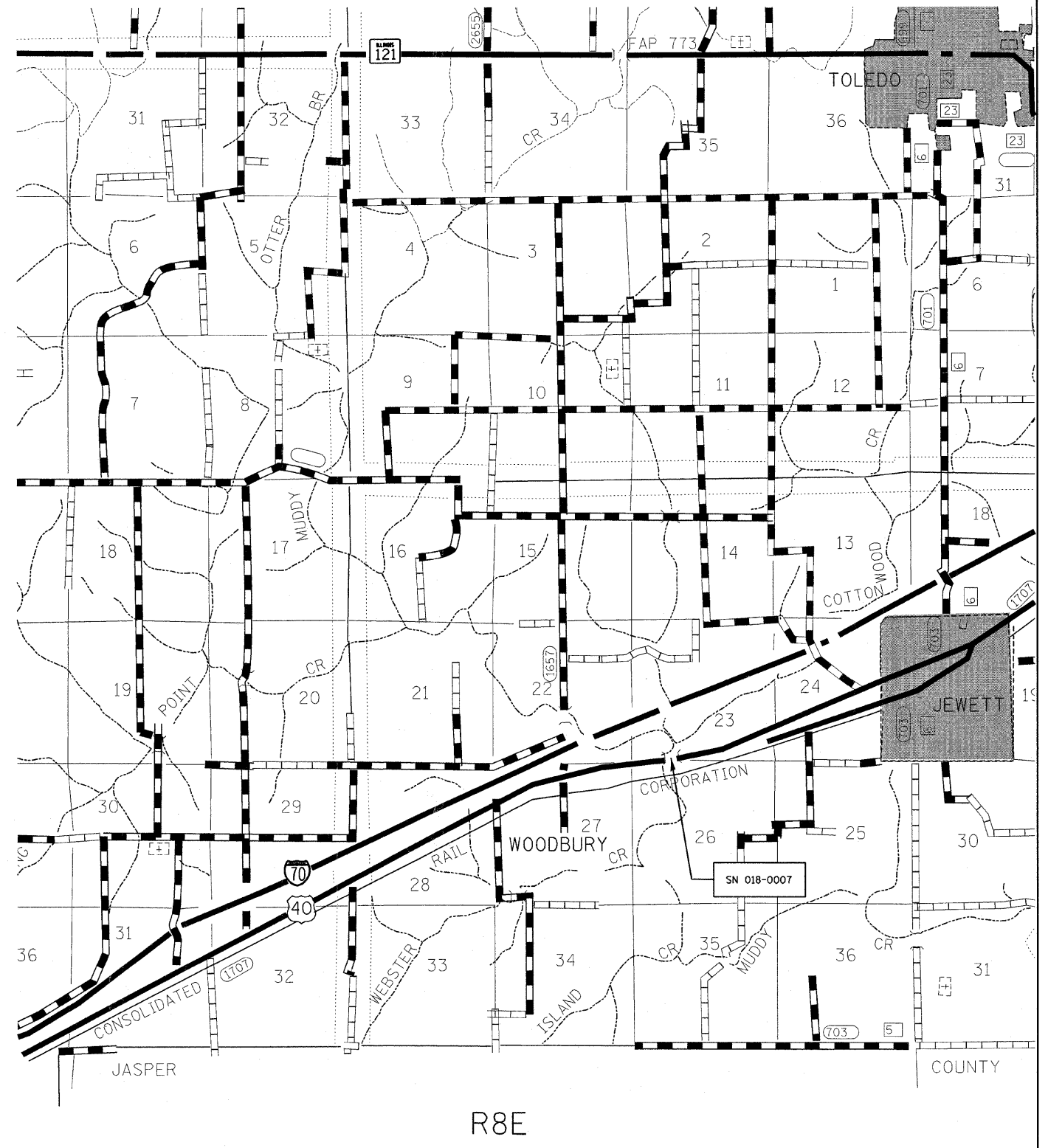
SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CUMBERLAND CO SN 018-0007 US 40	FAYETTE CO SN 026-0005 SN 026-0006 I-70
20300100	CHANNEL EXCAVATION	CU YD	670	410	260
25001000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.4	0.2	0.2
28200200	FILTER FABRIC	SQ YD	1340	700	640
28100809	STONE DUMPED RIPRAP, CLASS A5	TON	1200	670	530
67100100	MOBILIZATION	L SUM	1	0.5	0.5

FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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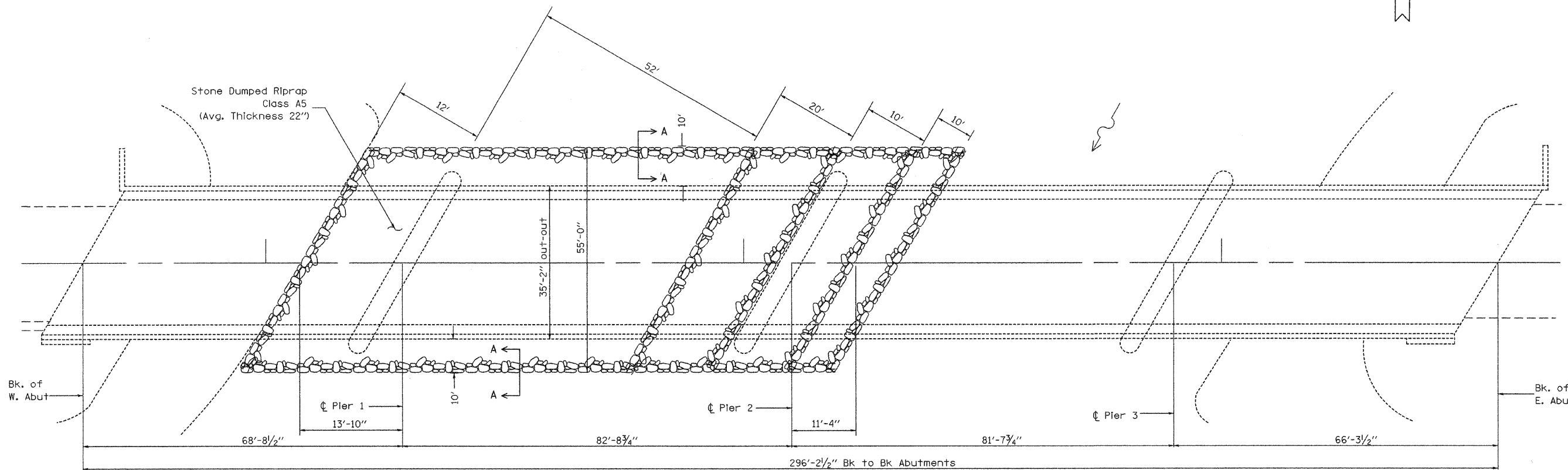
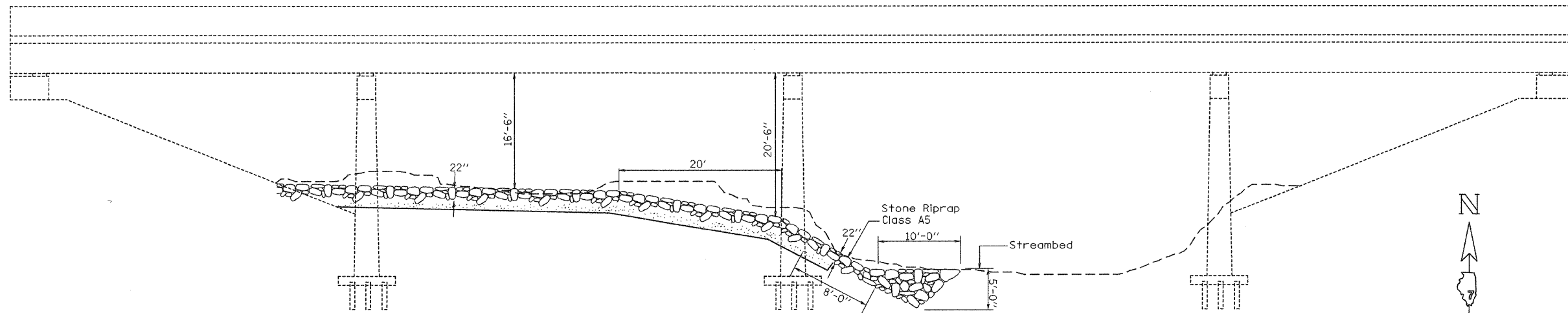
FAYETTE COUNTY



CUMBERLAND COUNTY



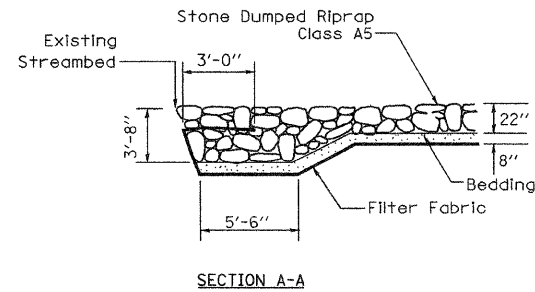
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	PLOT DATE = 3/30/2009												
											CONTRACT NO. 74309		
ILLINOIS FED. AID PROJECT													



Note:

Excavation and reshaping of channel and bank may be required to facilitate proper placement of Stone Dumped Riprap. Cost to be included as Channel Excavation.

Filter Fabric and Bedding Material shall be placed in all area that are not submerged by water. Bedding Material included in the price of Filter Fabric.



BILL OF MATERIALS

ITEM DESCRIPTION	UNIT	QUANTITY
Channel Excavation	CU YD	410
Stone Dumped Riprap, Class A5	TONS	670
Filter Fabric	SQ YD	700

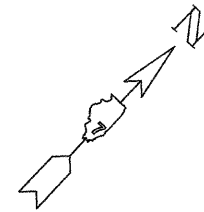
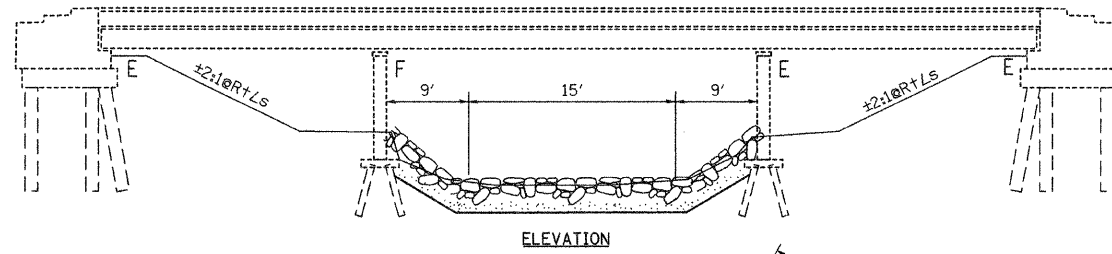
GENERAL NOTES

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 compensations 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

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIPRAP DETAILS STR# 018-0007			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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GENERAL NOTES

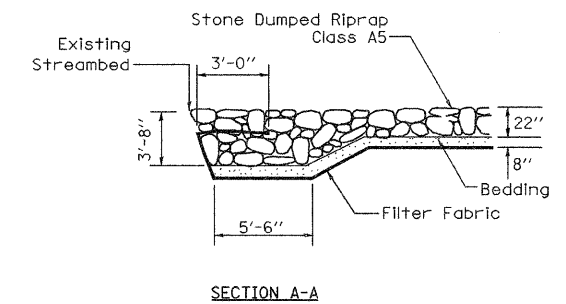
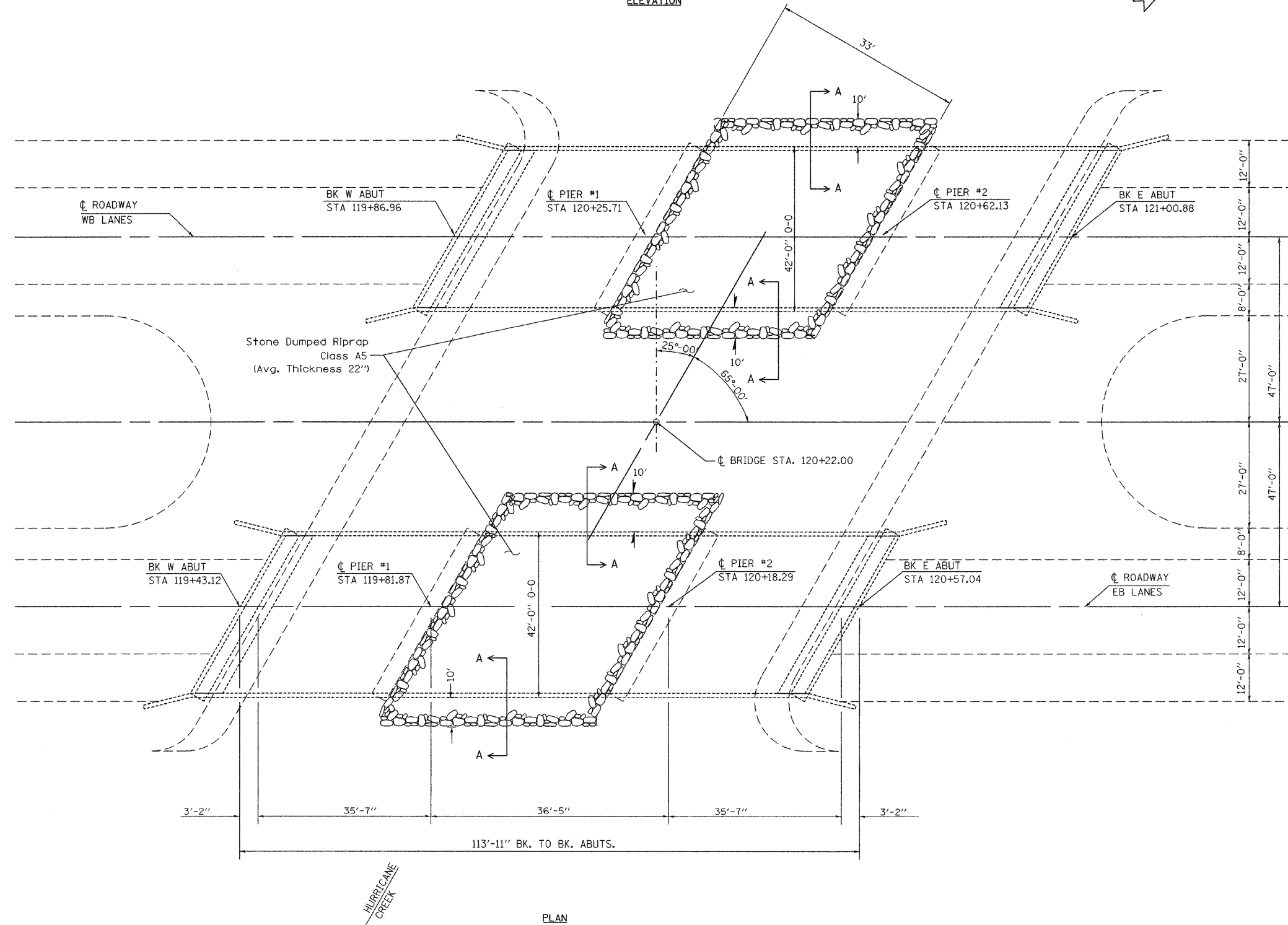
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Note:

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Bedding Material included in the price of Filter Fabric.



BILL OF MATERIALS

ITEM DESCRIPTION	UNIT	QUANTITY
Channel Excavation	CU YD	260
Stone Dumped Riprap, Class A5	TONS	530
Filter Fabric	SQ YD	640

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		DATE -	REVISED -			CONTRACT NO. 74389					

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