Bench Mark: B.M. #23 - Sta. 247+15, 40' Lt.
Small spike in east face P.P.
Elev. 451.86

Existing Structure: S.N. 082-0104 is 118'-0" long by 35'-2" wide.
Built as F.A.S. Route 841, Sec. 76BR-2 in 1990.
The existing two span structure shall remain.
Riprap shall be placed for scour mitigation.

No Salvage

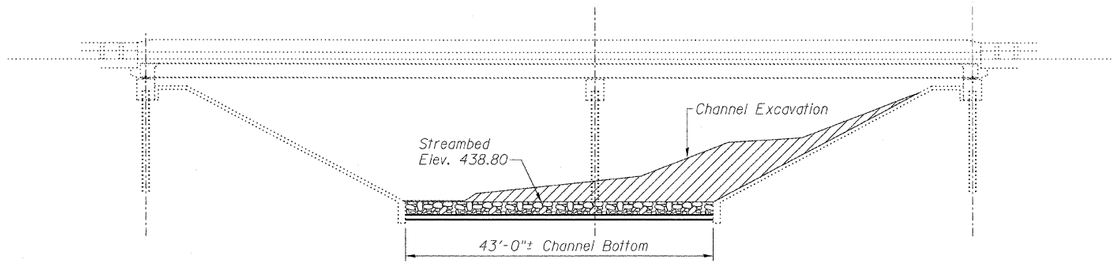
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Contract No. 76A34

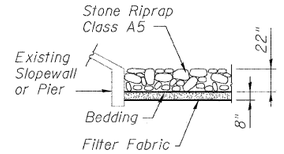
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 609	*	ST. CLAIR	350	127
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT-	

* 76-2BR-21

Sheet 1 of 1 Sheets

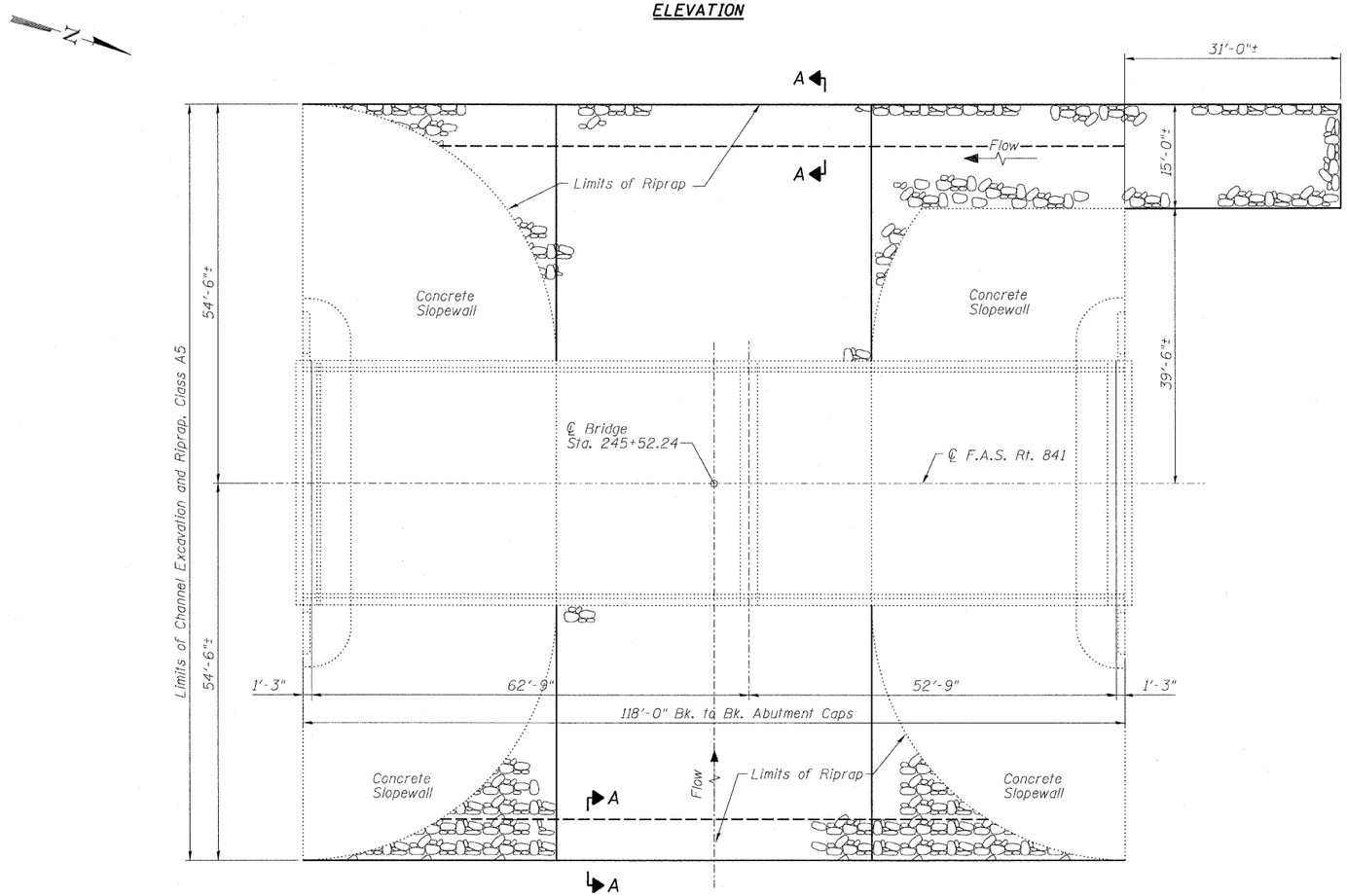


ELEVATION

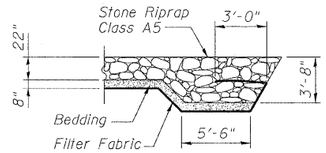


STONE RIPRAP DETAIL

(@ Toe of Slopewall or Pier)



PLAN

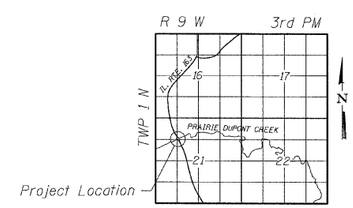


SECTION A-A

BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Channel Excavation	Cu. Yd.	-	1012	1012
Stone Riprap, Class A5	Sq. Yd.	-	753	753
Removal of Existing Riprap	Sq. Yd.	-	62	62
Filter Fabric	Sq. Yd.	-	753	753

LICENSED STRUCTURAL ENGINEER
MICHAEL J. TRELLO
081-006334
9/19/08
STATE OF ILLINOIS
EXP 11/30/08



LOCATION SKETCH

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION
SCOUR MITIGATION

FAP RTE 609 (IL. 163) PRAIRIE DuPONT CR.
FAS RTE 609 - SEC. 76-2BR-21
ST. CLAIR COUNTY
STA. 245+52.24
S.N. 082-0104

SCALE: VERT. HORIZ.
DATE: 7/26/04

DRAWN BY: HEBERLING
DESIGNED BY: WATKINS
CHECKED BY: SANFORD

GREENE & BRADFORD, INC.
OF SPRINGFIELD
CONSULTING ENGINEERS
RECONSTITUTION DRIVE
SPRINGFIELD, ILLINOIS 62704
PROFESSIONAL DESIGN FIRM NO. 184-00179
PROFESSIONAL & STRUCTURAL ENGINEERING CORPORATION
(217) 753-8844, (217) 753-6227 FILE NAME - coodegreenebradford.com

COMPUTER FILE NO. SN0820104GPE
PROJECT 02076
9/27/07-MML

SCOUR MITIGATION - FAP 609 (IL RTE. 163) ST. CLAIR COUNTY

FILE NAME = J:\02076\DRAWINGS\SN082-0104\SN0820104GPE.dgn
PLOT SCALE = 10:0 ':' / IN.
PLOT DATE = 7/29/2008
PLOT TIME = 10:28:30 AM
OPERATOR = marks