

KEY	
-----	Improvement CD #39
—————	Affected Area

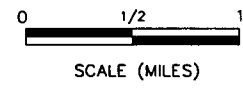
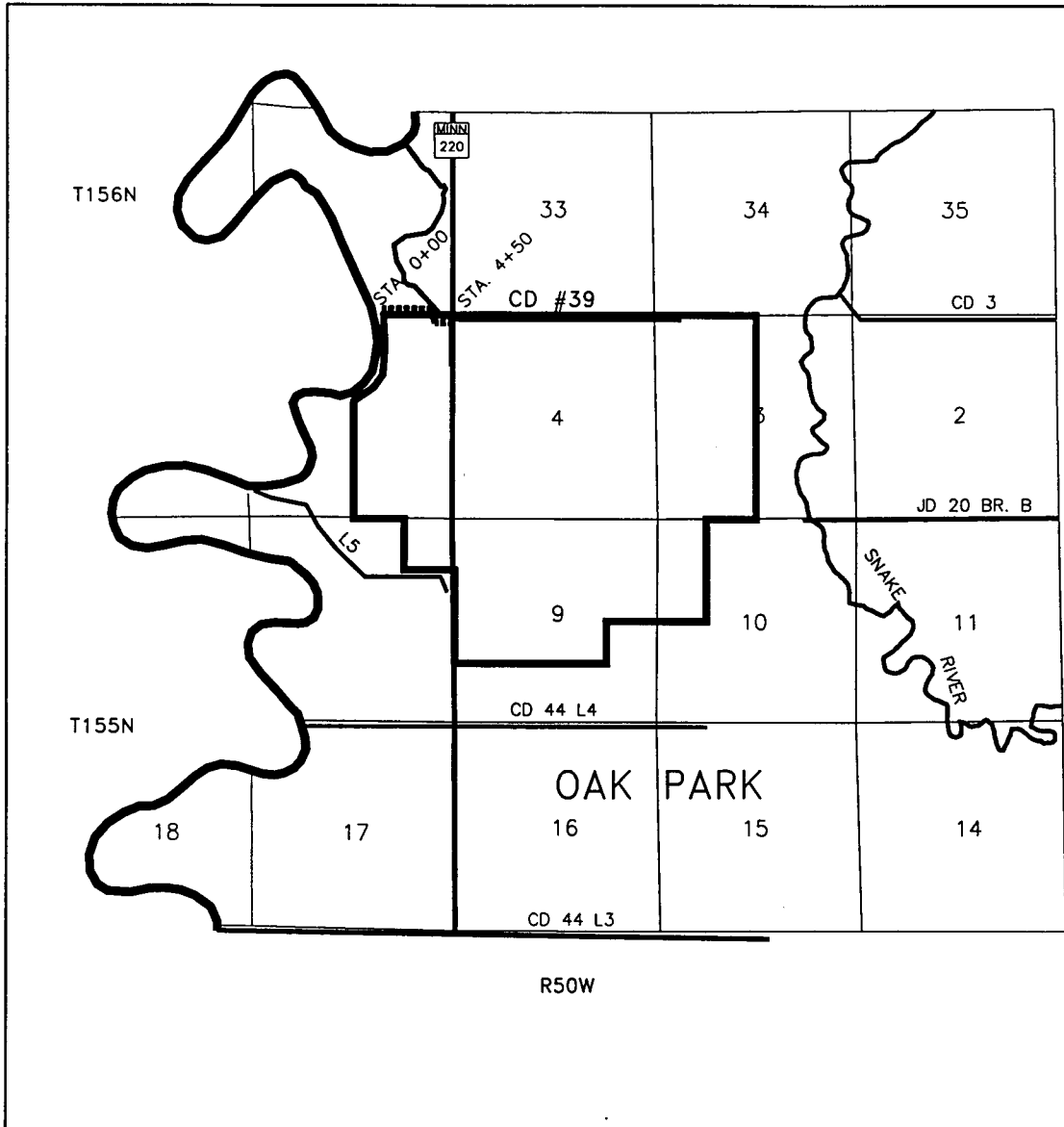
INDEX	
PAGE	DESCRIPTION
1	AREA MAP
2	DRAINAGE AREA MAP
3	TYPICAL SECTIONS
4	CULVERT DETAIL
5	PLAN PROFILE



Exhibit C
Engineers Detailed Survey Report

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA

Date: _____ Reg. Number _____

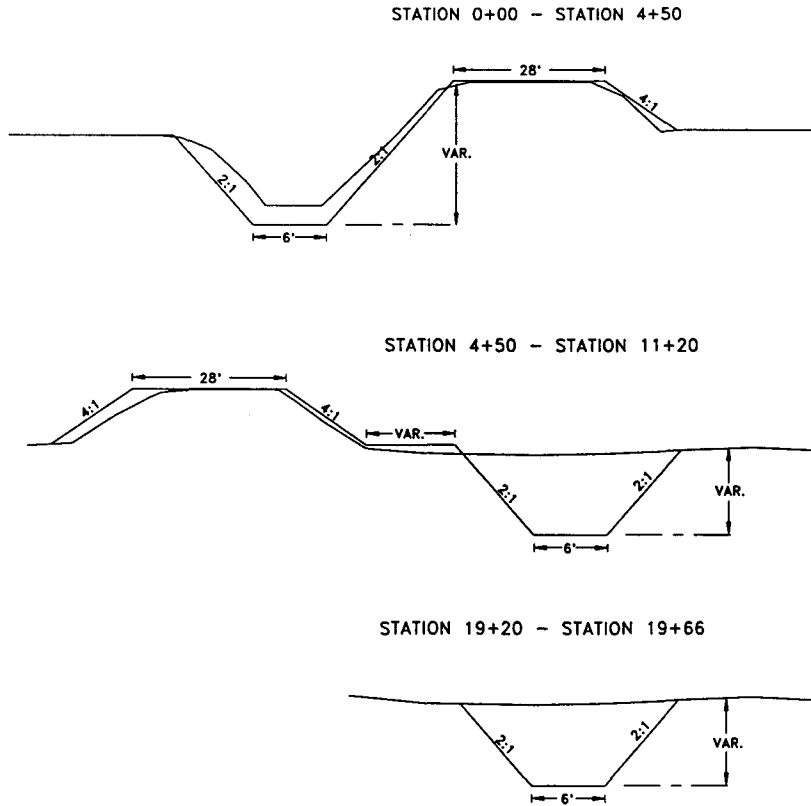
MARSHALL COUNTY DITCH #39 IMPROVEMENT			
MIDDLE RIVER - SNAKE RIVER WATERSHED DISTRICT			
DRAWN: MDJ	CHECKED: RJA	REVISED: 11-94	FILE: CD39-001
SURVEY: 11-90	DATE: 11-94	PAGE 1 OF 5	



KEY	
	DRAINAGE AREA
	PROPOSED OUTLET

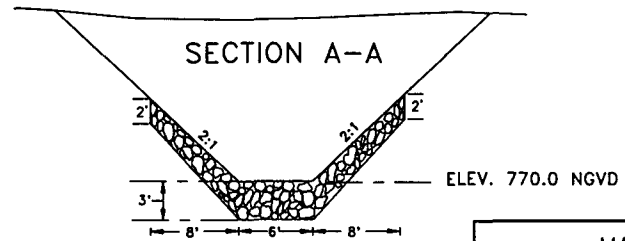
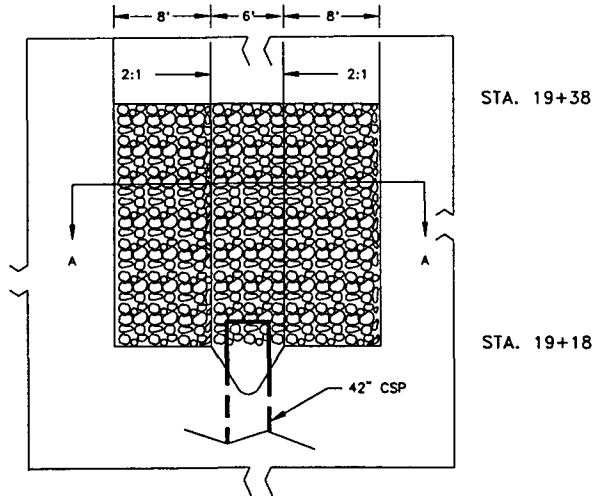
MARSHALL COUNTY DITCH #39 IMPROVEMENT			
MIDDLE RIVER - SNAKE RIVER WATERSHED DISTRICT			
DRAWN: MDJ	CHECKED: RJA	REVISED:	FILE: CD39-002
SURVEY:	DATE: 4-95	PAGE 2 OF 5	

TYPICAL SECTIONS



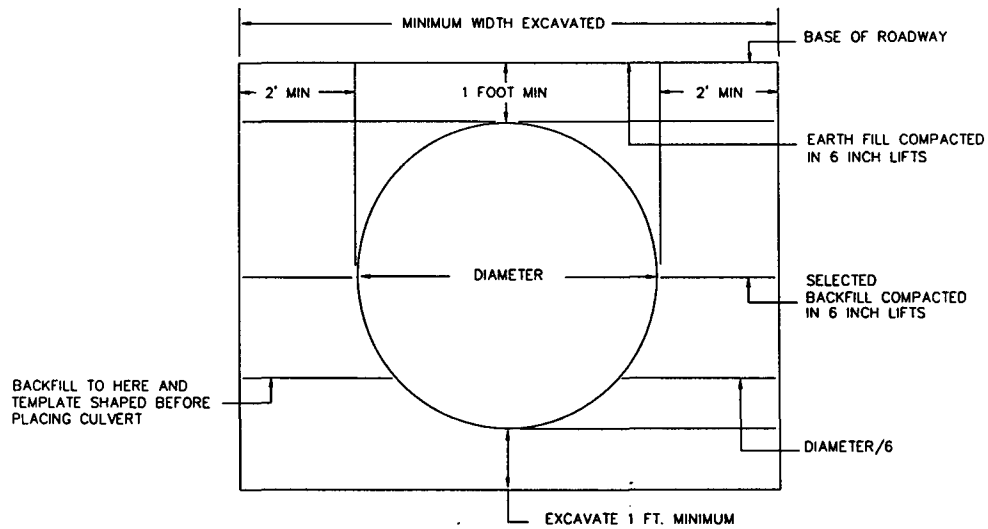
Note: Not to Scale.
Looking Downstream (West).

RIP RAP PLACEMENT TOP VIEW



MARSHALL COUNTY DITCH #39 IMPROVEMENT			
MIDDLE RIVER - SNAKE RIVER WATERSHED DISTRICT			
DRAWN: MDJ	CHECKED: RJA	REVISED: 4-95	FILE: CD39-003
SURVEY: 11-90	DATE: 11-94	PAGE 3 OF 5	

CULVERTS DETAIL



* NOT TO SCALE

OUTLET IMPROVEMENT
MARSHALL
COUNTY DITCH #39

MIDDLE RIVER - SNAKE RIVER
WATERSHED DISTRICT

DRAWN: MDJ	CHECKED: RJA	REVISED:	FILE: J68P-003
SURVEY: 11-90	DATE: 11-94	PAGE 4 OF 5	

Sta. 17+62 - 19+77
Clear 0.3 Acres

Sta. 17+00 - 19+77
Seed 0.6 Acres.

Sta. 4+50 - 11+20
Seed 1.6 Acres.

Sta. 4+50 Twp Rd
F & I 42" CSP 80LF
Place at a 38' Skew

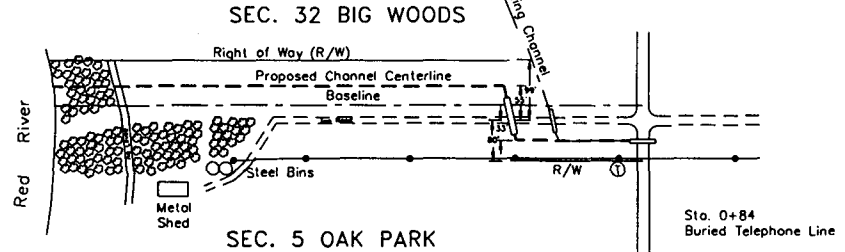
Sta. 0+00 - 4+50
Seed 0.8 Acres.

Sta. 11+20 - Sta. 19+20
F & I 42" CSP 12 GA 800 LF
42" Flap Gate

Sta. 3+03 Twp Rd
36" CSP 50 LF
(Salvage)

STA. 0+00 TH #220
36" CSP 90 LF
Leave as is

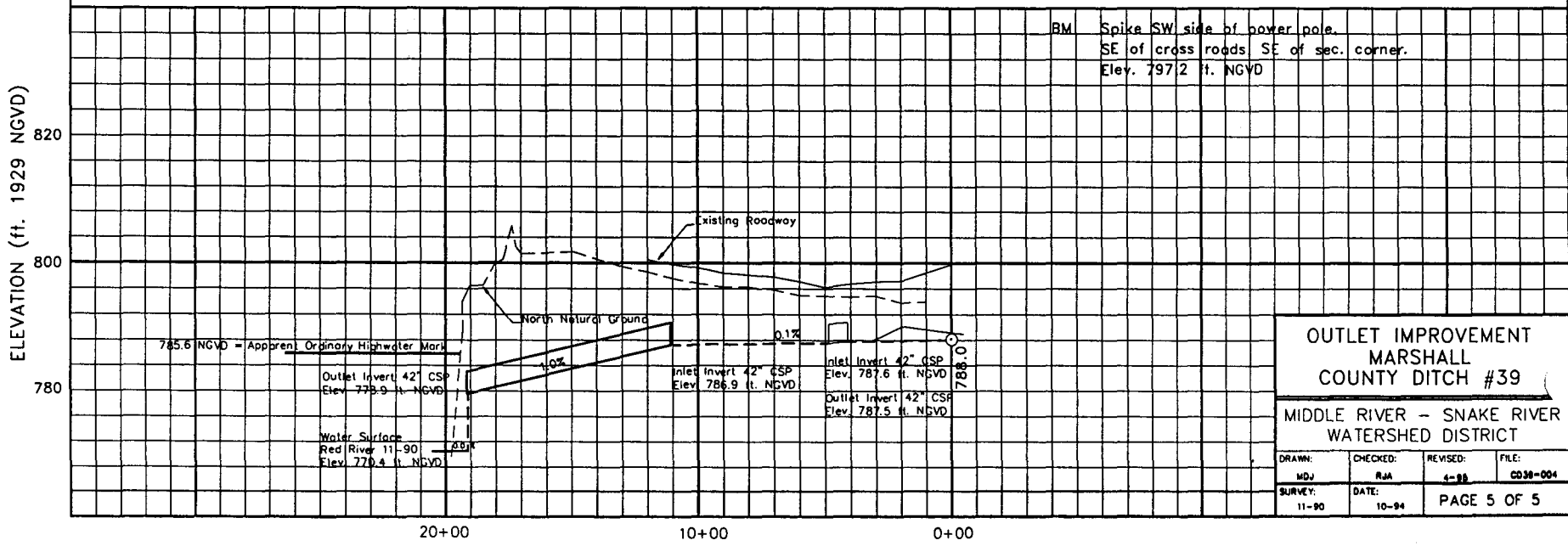
Sta. 19+20 - Sta. 19+40
F & I 46 CY Rip Rap
Placed at the direction of the Engineer.



Note: Baseline is set 25' north of and parallel to section line.
Note: Proposed centerline is offset 33' to the south and 55' to the north.

Note: Ag Levee is to be rebuilt to the elevation shown on the profile.

Note: Excess excavated material is to be placed in the existing channel at the direction of the engineer.



**OUTLET IMPROVEMENT
MARSHALL
COUNTY DITCH #39**

MIDDLE RIVER - SNAKE RIVER
WATERSHED DISTRICT

DRAWN: MDJ	CHECKED: RAA	REVISED: 4-88	FILE: C038-004
SURVEY: 11-90	DATE: 10-94	PAGE 5 OF 5	