

Gages INDEX

Property of _____

Address _____

Telephone _____

This Book is manufactured of a High Grade 50% Rag Paper having a Water Resisting Surface, and is sewed with Nylon Water-proof Thread.

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30		

Miss RIVER Book

Gages

Monument SET

Bayou SARA -

DESCRIPTION

Bayou SARA

CORPS OF ENGINEERS

CASTING FIELD

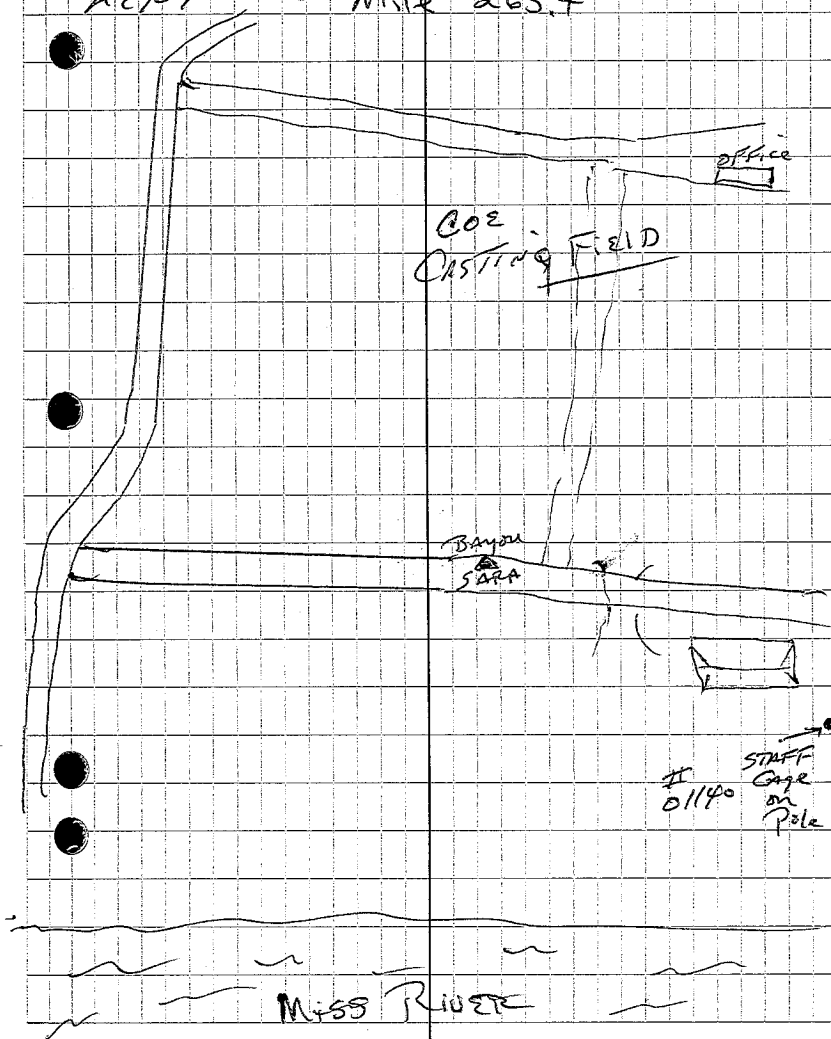
TO REACH SURVEY MARK FROM
 THE INTERSECTION OF Hwy 10 AND
 Hwy 61 IN ST. FRANCISVILLE, LA,
 GO S.W. ON Hwy 10 TO "T" JUNCTION,
 TURN LEFT ON Hwy 10 TO JUNCTION
 @ RED LIGHT IN TOWN AND THEN
 TURN RIGHT AND CONTINUE ON Hwy
 10 TOWARDS FERRY LANDING, THEN
 TURN LEFT ON A GRAVEL ROAD, 2.2
 MILES NORTH OF FERRY LANDING,
 LEADING INTO COE CASTING FIELD AND
 FOLLOW ROAD ON LEVEE TO POINT
 ON LEFT NEAR IRON GATES.
 COE BRASS CAP SET IN CONCRETE
 0.6' BELOW GROUND. SEE STATION
 DESCRIPTION / RECOVERY FORMS.

05-29-03

Bayou SARA Gage

RIGHT BANK - ST. FRANCISVILLE

LEFT - Mile 265.4



21140 Bayou Sara STAFF Gage #01140

Check

Corps of Engineers CASTING FIELD

STA	+	HI	-	Elev.	
BAYOU					①
SARA	3.23				②
Gage			8.31		
	8.24				
BAYOU	<u>tie</u>		3.15	F.	
SARA			<u>1</u>	G E	③

Mile 265.4

05-29-03

2

LEFT BANK

Remarks

- Ref. GPS Network - CoE Cap STAMPED
- Bayou Sara 2003

STAFF Gage #01140 - OBSERVED 45' MARK
(OBSERVED Gage NEAREST Level) on Gage

See ABOVE

Gage Reading @ 03:18 P.M.
42.75

3

01480 Venice Gage Site

STA	+	HI	-	Elev
TBM Venice	3.74			.
TP			5.34	
	4.97			
TP			5.71	
	5.38			
TP			4.86	
	5.19			
TP			4.32	
	4.25			
TBM Venice-1			4.97	
	4.86			
STAFF Gage			4.82	
	5.34			
TP			4.92	
	4.19			
TP			4.79	
	4.59			

Miss. River Mile 10.5 (R)

6-11-03

3

Gages

Ref. BK

Pg. 28-29

TBM Venice is a fire Hydrant located
40' East of 0849 A Tidal

TBM Venice-1 is a spike nail in a
piling on the west face 12.4 FT. south
of the SW corner of the automatic gage
building 12.3 FT. SW of Staff Gage

STAFF Gage is located 5 FT. SE of the SE
corner of automatic gage building taken on
top of Gage at 5 foot mark (Gage Reading 9:30
3.80)

Cont'd next pg.

4

Venice Lag = site cont'd

STA + HI - E/W

TP 5.06

5.44

TP 4.85

4.50

TP 4.25

4.59

T&M
venice TIC

3.08

F

G

E

6-11-03

4

see pg. 3

see pg. 3

5 01440 Empire Locks Gage site

STA + HI - Elev
~~1193 B~~
 1996 2.04

Automatic
 Gage 4.27
 4.20

STAFF
 Gage 8.31
 8.24

~~1996~~
 1193 B $\frac{4.75}{\swarrow}$ 1.91 F.
 1996 \swarrow G
 E

6-11-03

5

Miss. River mile 29.55 RT. Bank at the Empire
 Locks

Automatic Gage shot at center of
 table plate marked black square on plate.
 Gage is located on the east side of locks
 North side of channel on the backside
 of the Bulk Head at the end of a wooden dock.

Shot a 7 Foot mark on staff gage & staff
 gage is located at the same location
 as the automatic gage
 Gage Reading at 12:09 PM 4.20

6 01400 West Pointe A La Hache Gage Site

Miss. River

6-11-03

6

STA + HI - ELEV

LMS 293

West Pointe A La Hache Gage located at River Mile 49.0 on the Plaquemines Parish water treatment plant Dock.

5.30

TP

4.93

4.90

TP

4.54

5.05

TP

5.15

5.33

TP

4.67

5.33

TP

5.60

4.95

TP

5.59

5.40

TP

4.37

4.77

TP

5.30

4.96

TBM West Pointe A La Hache

3.81

4.79

TBM West Pointe A La Hache is located on the flood side crown of levee on the North corner of concrete slab of Plaquemines Parish water Treatment Dock, 6.5' NE of Levee 210° 20.5' NE of Top Handrail of walkway STOPS LE Levee 29.8' SSW Hinge side of Gate post on walkway at levee station 1741+56
1749+00 Cont'd

7

Levels cont'd

STA	+	HI	-	Elev
Automatic Gage			3.42	
	3.57			
TBM				
TBM West Pointe A LA Hache			4.93	
	3.65			
TP			4.79	
	4.88			
TP			4.35	
	4.19			
TP			5.21	
	5.38			
TP			4.73	
	5.53			
TP			5.26	
	4.56			
TP			5.21	
	4.94			
TP			4.84	
	4.30			
TP			4.66	
	4.63			
LM 5 293	TIC		5.02	F.
				G
				E

6-11-03

7

Automatic gage located on the Plage des
Parish Water Treatment Dock - TBM Plate

see pg 6

see pg 6

STA	+	HI	-	Eleu
D370				
	6.28			
TP			2.28	
	2.51			
TP			4.01	
	5.23			
TP			3.30	
	11.35			
TP			0.91	
	8.83			
TP			5.12	
	4.51			
TP			4.76	
	4.98			
TP			5.47	
	5.83			
TP			4.50	
	4.48			
TP			5.08	
	4.78			
TP			4.92	
	4.94			

6-12-03

Free Port Sulphur Gage is at Miss.
River mile 39.4 on the right bank of
River.

Destroyed

cont'd next pg.

9
(01420)~~Free~~ Port Sulphur Gage Site Cont'd

6-12-03

9

STA + HI - ELEV

-TP 5.16

5.03

TP 5.05

5.03

TP 5.40

5.46

TP 4.92

4.81

TP 5.06

5.03

TP 4.73

5.00

TP 4.84

1.90

TP 1.68

0.65

TP 6.16

5.37

TP 5.27

5.29

TP 5.79

5.33

cont'd next pg.

01420

Port Sulphur Gage
Levels cont'd

STA	+	HI	-	Elev
TBM Port Sulphur				5.22
	4.95			
TP				5.06
	5.85			
TP				5.36
	5.42			
TP				5.52
	6.21			
TP				0.70
	1.73			
TP				1.96
	5.03			
TP				5.20
	4.78			
TP				5.13
	5.16			
TP				4.91
	5.09			
TP				5.64
	5.27			
TP				4.90
	4.91			

01420

6-12-03

(NOTE: Auto Gage destroyed - STAPP)
 (Gage in bad condition top missing)
 TBM Port Sulphur is COE cap on a
 1/2 inch pipe set in concrete 0.6' below
 ground surface set in center of levee
 Road. STamped TBM Port Sulphur 2003 at
 Levee station approx. 249+64, 125'
 west of gate entrance to Freeport Sulphur
 Dock at Old Port Sulphur Gage Site, 1015'
 East of metal sheet piling wall

11
01420

PORT Sulphur Gage

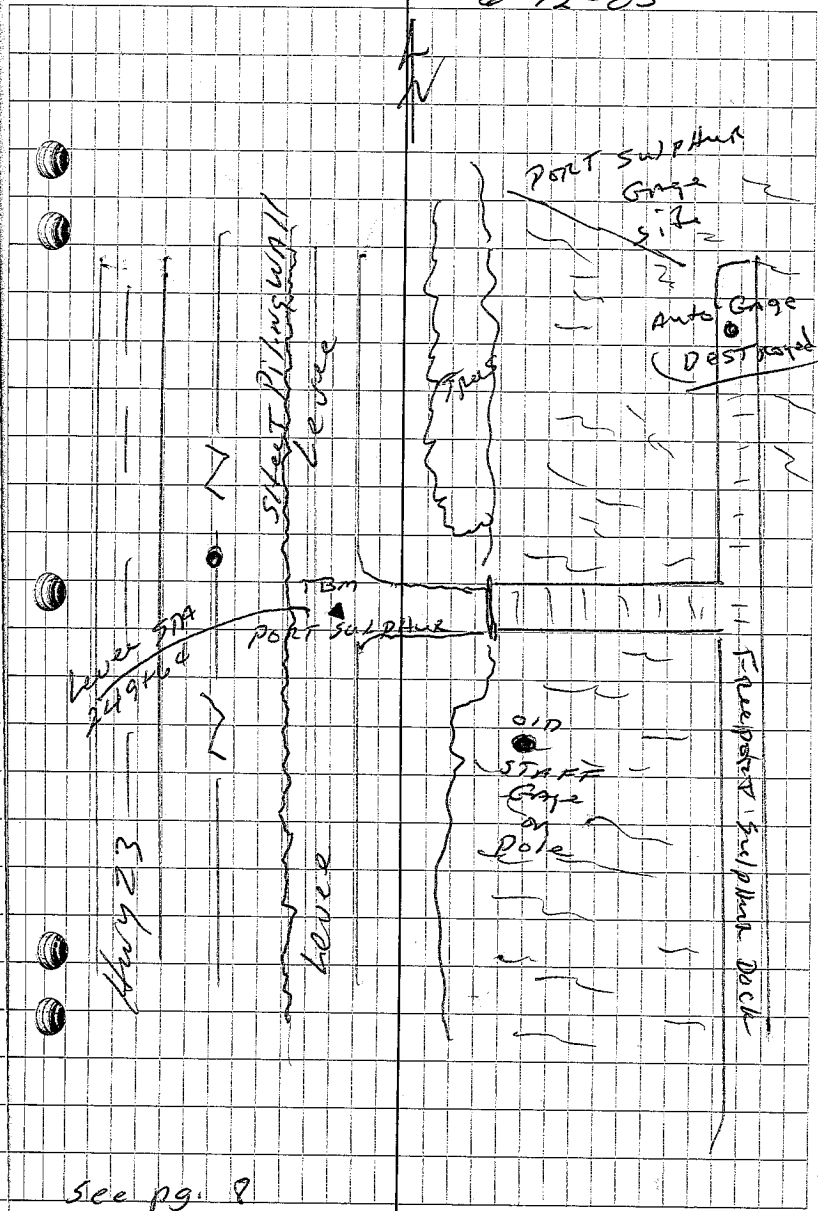
Levels Cont'd

STA	+	HI	-	Elev
TP			4.89	
	5.28			
TP			5.06	
	5.06			
TP			4.92	
	4.93			
TP			4.33	
	4.24			
TP			6.07	
	5.67			
TP			5.18	
	4.64			
TP			4.39	
	5.39			
TP			9.11	
	1.52			
TP			11.95	
	3.19			
TP			5.12	
	3.67			
TP			2.16	
	2.06			
0370 1934	TP		6.06	

F
G
E

6-12-03

11



See pg. 8

12
(01380)

West Algiers Locks Gage

06-12-03

12

STA	T	HI	-	Elev
V375 1985	6.59			
TP		0.57		
	12.45			
TP		2.90		
	5.51 5.58			
Auto gage		4.16		
	4.01			
wire weight gage		2.27		
	2.15			
STAPP gage		6.41		
	6.34			
Auto gage		3.83		
	4.15			
TP		5.50		
	1.91			

West Algiers Lock's gage is located on the right bank at River Mile 88.4 on the ~~Miss.~~ side of Locks. River

Automatic gage is located on the NE end of concrete lock wall + where the wooden guide wall begins. Table Plate

~~cite~~
Weight gage taken on bar inside box on the southeast end of the lock wall. Weight gage inside a metal aluminum box.

STAPP gage is ~~aa~~ located inside south lock wall inside the flood gate chamber
Elevation taken on top of gage 35' mark

cont'd

Levels Cont'd

STA	+	HI	-	Elev
TP			12.35	
	0.79			
1985			6.81	
V375	Tie		19.85	F.
1985				G
				E

6-12-03

Cont'd from pg. 12

Ref. pg. 12

Natchez Gage

STA	H	H1	-	Elev.
B 337	4.41			.
TP			4.07	
	10.43			
TP			1.41	
	5.44			
TP			5.34	
	3.19			
TP			0.70	
	12.67			
TP			4.10	
	4.91			
TP			5.11	
	3.65			
TP			5.74	
	5.55			
TP			4.76	
	4.79			
TP			3.20	
	6.63			
TP			2.10	
	5.20			
TP			4.29	
	1.56			

06-17-03

Natchez STAFF Gage, Located on
the Right Bank of River \pm 400'
Downstream of Bridge

HT Cont'd next Pg

NATEHER

Gage

Side

Elev.

STA

+

HI

-

TP

1.77

12.31

TP

4.81

6.46

TP

2.79

6.70

STAFF Gage
#1

0.33

10.01

STAFF Gage
#2

1.94

5.34

STAFF Gage
#3

4.88

4.94

TP

13.12

0.18

TBM
VIDALIA

1.38

1.38

TP

0.27

13.12

Gage
#3

4.90

4.97

Gage
#2

5.49

1.90

Gage
#1

9.98

0.49

Back
run

06-17-03

Remarks

See Pg 14

(NOTE: Gage site \pm 500' D/S OF
Hwy 65 (NATEHER - VIDALIA BRIDGE)

Top Slope STAFF Gage - Turn on 48' mark

STAFF
NEXT Gage Down Slope - Turn on 43' markSTAFF
NEXT Gage Down Slope - Turn on 40' markTBM VIDALIA is a 60'D NAIL SET
1' ABOVE ground on the N.W. FACE OF
A 10' sycamore Tree, 20' N.W. OF TB
OF RIVER @ Gage site.

See Above

u or

HI Cont'd next Pg

NATCHAZ

Gage size

STA	+	HT	-	Elev.
TP			2.76	
	6.55			
TP			4.66	
	6.64			
TP			1.95	
	12.11			
TP			1.36	
	4.52			
TP			5.42	
	2.28			
TP			6.81	
	3.48			
TP			5.07	
	4.50			
TP			5.29	
	5.42			
TP			3.93	
	5.74			
TP			5.54	
	4.16			
TP			12.73	
	0.86			

06-17-03

Remarks
See Pg 15

Cont'd next Pg

STA	+	Watches	Gage	Site	
		NI	-	Elev.	
TP			3.36		
	5.56				
TP			5.65		
	1.51				
TP			10.53		
	4.23				
B 337	<u>4.5</u>		4.56	.	F
					G.
					S

06-17-03 17

Remarks
See Pg 16

See Pg 14 This Blk

06-17-03

Levels				Remarks	
STA	+	A1	-	Elev	
Y24895				.	TARBERT Landing Gage N-3 - Right Bank
2003	3.24				Miss. River mile 306.2
TP			3.57		
	4.44				
TP			3.78		
	4.94				
TP			4.94		
	4.93				
TP			5.32		
	5.12				
TP			4.93		
	4.84				
TP			5.36		
	2.12				
TP			11.30		
	2.69				
TP			13.03		
	4.65				
TBM TARBERT			4.95		TBM TARBERT is a R.R. spike set in
	5.00				E. of ASPHALT RD. Leading to Angola
TP			4.71		Ferry Landing on Right Bank of River
	12.64				mile 306.0, E 150' NW. of TB of River

Cont'd next pg.

TARBERT Landing Page site

SMA	+	HI	-	Elev.
TP				2.29
	10.86			
TP				1.69
	5.64			
TP				5.11
	5.04			
TP				5.24
	4.89			
TP				4.50
	4.76			
TP				4.77
	4.50			
TP				5.15
	3.14			
Y 248 0/5 2003	<u>hi</u>			2.83

06-17-03

Remarks

See Pg 18

See Pg 18. THIS BK

01100 - TARBERT Landing Gage (N-3)

STA	+	HI	-	Elev.
TBM TARBERT				
	5.96			
TP			8.47	
	3.49			
TBM #1			3.73	
	3.66			
TP			3.42	
	8.38			
TBM TARBERT TFE			5.85	

F

G

E

06-17-03

Remarks

See Pg. 18 THIS BK.

TBM #1 is a 600 NAIL SET IN NORTH FACE OF 36"

SCYAMON TAIL @ TB OF RIVER, ± 1000' up stream
of FERRY Landing - RIGHT BANK

See ABOVE

01100 - TARBERT Landing Page - (N-3)

S/A	+	HJ	-	Elev.
TBM				
#1				

Remarks
See Pg 20 This Bk.

02 100 - OLD RIVER OUTFLOW CHANNEL		—	
STA	+ 171	—	Feet
K 254 1966	3.55		.
TP		3.50	
	5.01		
TP		4.53	
	5.55		
TP		2.59	
	3.05		
TP-A		7.20	
	7.31		
TP		3.16	
	2.67		
TP		5.22	
	4.05		
TP		5.26	
	3.84		
K 254 1966	<u>hi</u>	3.58	F. G. E

Remarks

TP-A is a COE Cap in concrete stamped TP-A @ Gauge site ± 1000' S.W. OF THE N.W. END OF Low sill structure 1.0' N.W. OF A metal witness post-sign 28' S.E. OF N.E. Corner OF photo gauge Bldg. 8' N.W. OF TOP BANK OF CHANNEL.

See ABOVE

23

02100-010 RIVER outflow Channel -

STA	+	HI	-	Elev.
TP-A				.
	3.92			
TP			12.95	
	0.54			
TP			12.06	
	3.05			
STAFF Gage #1			4.56	
	0.88			
STAFF Gage #2			5.86	
	5.80			
STAFF Gage #3			12.82	
	12.90			
TP			0.50	
	11.03 ²			
TP			0.56 ⁵⁶	
	12.30			
TP-A	<u>1.15</u>		1.09	

F.

L.

E.

Low Sill

06-19-03

23

Remarks

See Pg 22 This Bk.

STAFF Gage #1 - 1st gage Down Rock Slope From
Auto. Gage STA. \pm 200' S.E. - NORTH Bank - ^{46'} MARK

STAFF Gage #2 - 2nd gage Down Rock Slope -
41' MARK

STAFF Gage #3 - 3rd gage Down Rock Slope -
34' MARK

(Gage Reading @ 10:09 AM - 26.90')

See Above

24

Levels - Old River	Auxiliary	InFlow	-
Sta.	HT	-	Elev.
LMS 64			
	6.92		
TP		1.69	
	5.92		
TP		3.65	
	4.32		
TP		5.47	
	5.84		
TP		5.73	
	4.73		
TP		4.96	
	5.19		
TP		5.44	
	1.32		
TP		5.81	
	5.52		
TBM AUX. InFlow		5.49	
	5.26		
TP		5.29	
	5.44		
TP		0.96	
	5.75		
TP		5.50	
	5.25		

24

OUTFLOW CHANNEL 06-19-03

02200 - InFlow - 02210 - OutFlow

Gage

Gage

TBM AUX. InFlow is a chiseled square on
 S.W. corner of Concrete Headwall and metal catwalk
 15.0' east of north end of AUX. structure
 29.8' north of N.W. corner of Conc. Auto Gage STA
 15.4' south of E rd and levee.

Cont'd next Pg.

OLD POWER Auxillary InFlow -

STA

+

ME

-

Elev.

TP

5.02

5.84

TP

5.95

5.67

TP

4.51

3.94

TP

6.20

1.66

Lms 64

7.8

6.89

F

C

E

OUTFLOW CHANNEL 06-19-03

Remarks

See Pg 24

See Pg. 24

02200 - 010 Probe Aux. Using InFlow Gages

STA	+	HI	-	Elev.
TBM Aux. InFlow				
	2.11			
TP		12.37		
STAFF Gage #1 02200	0.49	5.53		
	0.09			
STAFF Gage #2		6.06		
	6.57			
STAFF Gage #1 02200		0.60		
	5.94			
TP		0.90		
TBM Aux. InFlow <u>tie</u>	12.55	2.29		

F.

G.

E.

06-19-03

REMARKS

See Pg. 24 THIS BOOK

(+ 500' EAST OF STRUCTURE)

STAFF Gage #1 02200 @ TOP OF LEAN, $\pm 50'$ SOUTH
OF Auto Gage STA. - 60" MARK ON GAGESTAFF Gage #2 - $\pm 100'$ SOUTH OF STAFF Gage #1
54" MARK ON GAGE

SEE ABOVE

STA	+ HI	-	Elev.
02210 - Old River Auxiliary			OUTFLOW
STA TBM Aux Inflow			
	5.19		
TP		8.08	
	1.54		
TP		6.51	
	0.94		
TP		12.93	
STAFF Gage #1	0.27		
02210		10.75	
	0.44		
STAFF Gage #2		12.41	
	12.29		
STAFF Gage #1		8.32	
	10.95		
TP		0.46	
	12.74		
TP		0.74	
	6.64 12.74		
TP		1.67	
	8.25		
TBM Aux Inflow	<u>tie</u>	5.37	

CHANNEL Gage 06-19-03

Remarks

See Pg 24 This Book.

STAFF Gage #1 02210 - Down slope of Rocks on
metal Pole - Between top of Rocks and WE

± 600' west of structure - Nail set
@ 45' mark on Gage

STAFF Gage #2 on slope of Rocks - Between
1st and 3rd gage - 33' mark on Gage

See Above

STA	±	FOR TBM	- W/S	Elev.
LMS 215		171	-	Elev.
	1.15			
TP		12.26		
	0.83			
TP		9.59		
	2.38			
TP		4.90		
	2.81			
TBM		6.26		
Mile 278.9				
	6.01			
TP		7.57		
	4.80			
TP		0.55		
	11.63			
TP		0.58		
	9.05			
LMS 215 tie		1.95		F
				G
				E

Miss. River Mile 278.9

08 - Aug - 03

REMARKS

LMS 215

COE Alum. Cap.

TBM mile 278.9 is a 1" pipe set @
 River Mile 278.9; 0.1" ABOVE ground
 and 3' WEST OF TOP BANK OF
 RIVER ON MORGANZA REVEGETATION
 ± 100' DOWNSTREAM OF R-277.35

See ABOVE

W/S Elev. @ Mile 278.9

572	+	H1	-	Elev
TBM				
Mile 278.3				

4.86

W/S

22.14

22.13

TBM

Mile 278.3 HS

4.85

F.

G

Z

08-Aug-03

See Pg 28

W/S Elev @ Mile 278.9 @ 02:15 P.M.

See Above