TBM-L-3 El. 866.12

L-3 El. 863.59

TBM-L-4 El. 867.51

L-4 El. 865.30

TBM-L-5 863.56

L-5 El. 867.93

Revetment Line = Top of Slope

Pile Revetment El. 861.6

TBM-L-6 El. 863.04

L-6 El. 862.41

TBM-L-8 El. 858.15

L-7 El. 860.88

L-8 El. 861.06

TBM-L-9 El. 861.09

L-9 El. 859.42

L-10 El. 658.83

El 860.0 543.5

El 860.0 543.3

El 860.0 543.2

El 860.0 543.0

El 857.0 542.4

Cultivated

Timber

B E N D

Single Pile Bank Protection 544.4

Note: All azimuths of bank protection approximate. Portion of Dike 544.8-A (Sta. 23+98 to Sta. 27+26) is portion of Bank Protection Dikes 544.4

COTTIER RULO

Screened Dike 3205'-2 Row 15 Ctrs. 20' Pen.

60' of Roof Fence - 20' Mattress

150' - 20' Mattress

30' Special Apron

170' - 20' Mattress

Downstream line of crest of Rock Filled Dike to be along line formed by upstream face of Arrow of clumps of Dike 544.8

RUSH BOTTOM BEND HIRED LABOR

Dike Ext. 543.0 & Trail Dike No. 543.0-B authorized for construction Jan 31, 1939 W.O. No. 122-113

Bank protection No 542.34, authorized for construction Jan 31, 1939 W.O. No. 122-112.2

El of Marker Clumps = 864.0

April 25, 1939 showing additional 200' length of riverward protection 542.84

May 15, 1939 showing Trail 543.0-B rescinded (Sta. L-0 to Sta. 6+02). Constructed but washed out. W.O. No. 122-R 214

Brace row added (Sta. 0+00 to Sta. 3+24). Aug. 30, 1940.

RUSH BOTTOM BEND

INDIAN CAVE - RULO

W.O. No. 122-M402.1 Dike Ext. 542.84 L.B. 143' (Sta. 5+42 to Sta. 6+85). 2 Row - 15 Ctrs. 20' Pen. Authorized Oct. 18, 1939. Elev. 860.0. 89 Mattress. See chart.

W.O. No. 122-M402.2

400' Bank Protection 542.84 L.B. (Riverward side) Sta. 0+00 to 2 Row - 15' Ctrs. 25' Pen. El. 860.0 - 60

102' Bank Protection 542.84 L.B. (Canal side) Sta. 0+64 to 2 Row - 15' Ctrs. 25' Pen. El. 869.0 Authorized for construction

1115' Std. Revet.

HEMMIES RULO CONTRACT

524' Dike 542.84 L.B. 2 Row 15' Ctrs. 25' Pen. (Sta. 1+66 to Sta. 6+90) Elev. 860.0. 89 Mattress

RUSH BOTTOM BEND — HIRED LABOR

Dike (Sta. 5+40 to Sta. 6+83) 5 Row - 18 Ctrs., Brace, 25' Pen. (Sta. 6+83 to Sta. 7+51). 4 Row - 18 Ctrs. - 25' Pen.

Sta. 7+51 Dike 543.0-B = 0+00 (Riverward side) = 0+64 (Canal side) Bank Protection

542.84 El. 860.0

542.82

Azimuth Line is C.R.P. Line.

See Note Sta. 5+38 542.8

Bank Protection Matt Sta. 3+38 to Sta. 5+50 414.6

Azimuth Line is C.R.P. Line. R-1-M 0+00

542.8

R16A El. 857.46

544.4 El. 857.9

544.2 El. 857.8

543.9 El. 857.7

542.9 El. 858.8

R16B 1.859.36

R16C El. 857.69

R16D El. 860.2

TBM-R-340A8H El. 859.00

TBM-R-340A8G El. 858.0

TBM-R-340A8H. El. 860.53

TBM-R-340A8F. El. 857.78

TBM-R-340A8E. El. 860.35

TBM-R-16B#1. El. 859.60

TBM-R-16B#2. El. 859.49

True Azimuth at Δ 223 Grid Divergence 0°19'26.2"

R-3-M 0+00

R-4-M

544

1800' Proposed Alignment

Wanetah

Cultivated

Willows

BACHMAN LEVEE

JONES LEVEE

Ditch 2

R-7-M

R-8-M 71+35.9

El. 869.30 Comp. Mon. Ref. Pt. #1

150°51' 1412.3'

87°30' 150.0'

262 000 N

256 000 N

254 000 N

252 000 N

46 000 W

MARKER CLUMP

⊗ 18' PILE TEMPORARY TERMINAL

⊙ 58' PILE TERMINAL

STRUCTURE	NUMBER		LENGTH	AZIMUTH	STRENGTH	30' PENETRATION	DIKE	MARKER CLUMP	C.R.P.	ALLOT. NO.
DIKE	545.2	R.B.	1630'	SEE DIKE	3 ROW-18' CTRS.	1630'	864.5		851.1	8039.1
DIKE	545.0	R.B.	1695'	245° 30'	SEE DIKE	SEE DIKE	858.0	865.9	850.9	8039.1
TRAIL	545.0-X	R.B.	1120'	272° 07'	SEE DIKE	STA. 4+00 TO STA. 11+20	858.0		850.9	8039.1
DIKE	544.8	R.B.	1990'	239° 57'	SEE DIKE	STA. 21+40 TO STA. 21+15	858.0		850.7	8039.1
DIKE	544.4	R.B.	2119'	241° 06'	SEE DIKE	SEE DIKE	857.9		850.4	8039.1
DIKE	544.2	R.B.	1934'	255° 06'	SEE DIKE	SEE DIKE	857.8		850.1	8039.1
DIKE	543.9	R.B.	1925'	277° 08'	SEE DIKE	20' PENETRATION STA. 21+40 TO STA. 23+15	857.7		849.7	8039.1
DIKE	543.5	L.B.	244'	78° 53'	2 ROW-15' CTRS.	20' PENETRATION	860.0		849.4	8039.1
TRAIL	543.2-A	L.B.	329'	49° 12'	3 ROW-18' CTRS.	329'	860.0	864.2	849.2	8039.1
DIKE	543.0	L.B.	343'	84° 47'	3 ROW-18' CTRS.	343'	860.0		849.0	8039.1
DIKE	542.4	L.B.	1827'	88° 32'	SEE DIKE	SEE DIKE	857.0		848.5	8039.1

JONES LEVEE

STRUCTURE	NUMBER		LENGTH	AZIMUTH
DIKE	543.3	L.B.	* 865'	88° 38'
DIKE	543.2	L.B.	† 1180'	23° 38'
TRAIL	543.2-A	L.B.	586'	12° 38'
DIKE	543.0	L.B.	Δ 982'	47° 38'

* Includes 185' Root Fence.
† Includes 190' Root Fence.
Δ Includes 180' Root Fence.