GENERAL RE-EVALUATION REPORT
APPENDIX C: ENGINEERING

SAVANNAH HARBOR EXPANSION PROJECT

Chatham County, Georgia and Jasper County, South Carolina

January 2012

ATTACHMENT 1

Channel Design Drawings and Typical Sections

US Army Corps of Engineers
Savannah District
South Atlantic Division

US ARMY CORPS OF ENGINEERS SAVANNAH

SYMBOL	DESCRIPTION	DATE	BY

PREPARED BY: SAVANNAH DISTRICT
APPROVED BY:
CHIEF, ENGINEERING BRANCH

REVIEWED BY:
CHIEF, DESIGN SECTION
SOLICITATION NO.:
CONTRACT NO.:
CATEGORY CODE:

DESIGNED BY:
CHK BY:
DATE:
FILE NAME:
PLOT SCALE:
SIZE: D 22"X34"

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
SAVANNAH DISTRICT

SAVANNAH HARBOR EXPANSION
SAVANNAH HARBOR, GEORGIA

WHITEHALL-KINGS ISLAND

PLATE REFERENCE NUMBER
01
SHEET

$HOOKSPECS
$SYSTEMS
$SYSTEMS
$HOOKSPECS

US ARMY CORPS OF ENGINEERS SAVANNAH

SYMBOL	DESCRIPTION	DATE	BY

PREPARED BY: SAVANNAH DISTRICT
APPROVED BY:
CHIEF, ENGINEERING BRANCH

REVIEWED BY:
CHIEF, DESIGN SECTION
SOLICITATION NO.:
CONTRACT NO.:
CATEGORY CODE:

DESIGNED BY:
CHK BY:
DATE:
FILE NAME:
SIZE: D 22"X34"
PLOT SCALE:

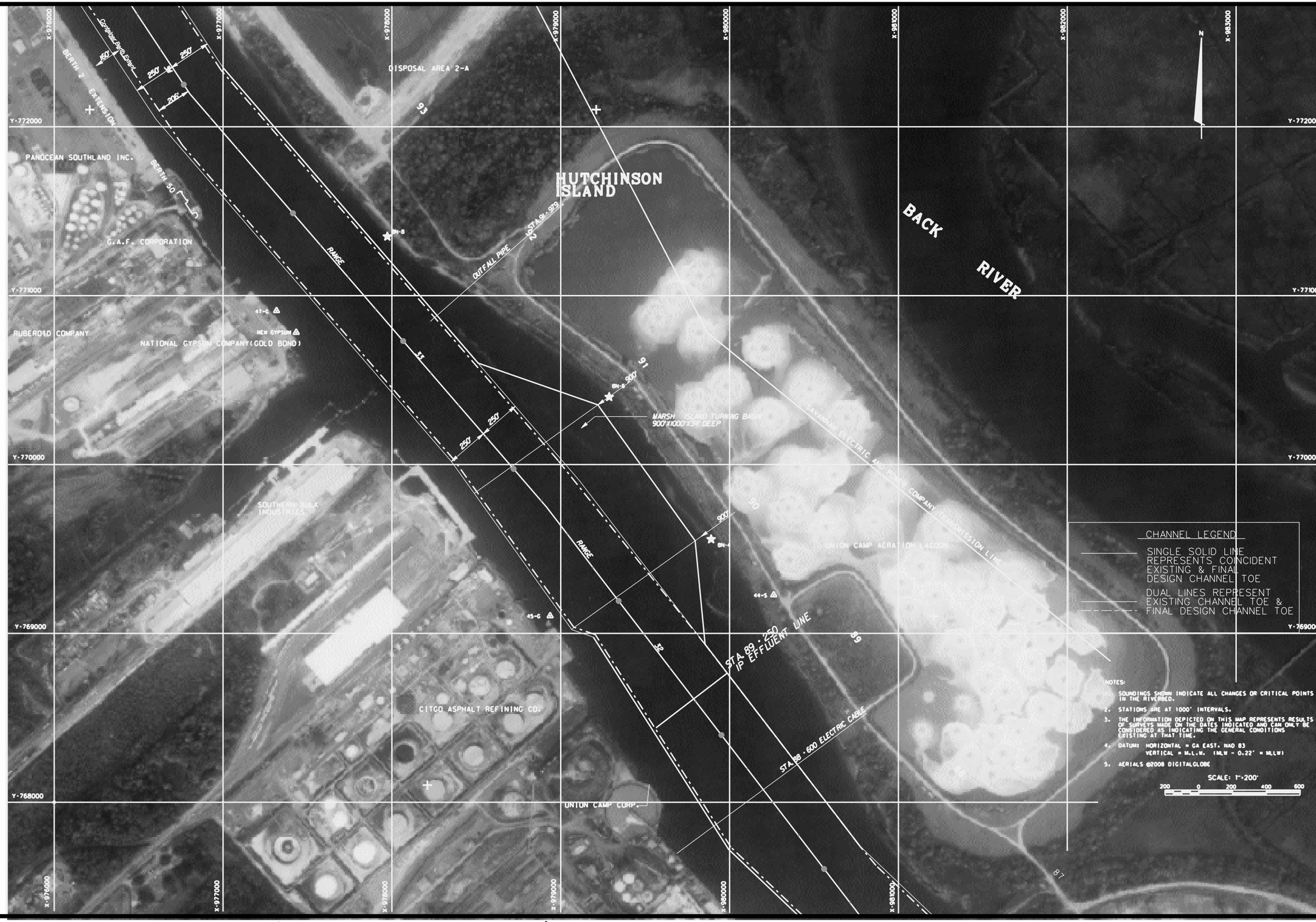
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
SAVANNAH DISTRICT

SAVANNAH HARBOR EXPANSION
SAVANNAH HARBOR, GEORGIA

WHITEHALL

PLATE REFERENCE NUMBER
02
SHEET

$$DONSPECCS
$$SYSTIME
$$USERNAME



US ARMY CORPS OF ENGINEERS SAVANNAH

SYMBOL	DESCRIPTION	DATE	BY

PREPARED BY: SAVANNAH DISTRICT

APPROVED BY:

CHIEF, ENGINEERING BRANCH

REVIEWED BY:

CHIEF, DESIGN SECTION SOLICITATION NO.:

CONTRACT NO.:

CATEGORY CODE:

DESIGNED BY:

CHK BY:

DATE:

FILE NAME:

SIZE: D 22"X34"

PLOT SCALE:

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS SAVANNAH DISTRICT

SAVANNAH HARBOR EXPANSION
SAVANNAH HARBOR, GEORGIA

MARSH ISLAND

PLATE REFERENCE NUMBER 03

SHEET

$BDCNSPCS$
$BDCTITLE$
$BDCSFNAME$

US ARMY CORPS OF ENGINEERS SAVANNAH

SYMBOL	DESCRIPTION	DATE	BY

PREPARED BY: WILMINGTON DISTRICT
APPROVED BY:
CHIEF, ENGINEERING BRANCH

REVIEWED BY:
CHIEF, DESIGN SECTION
SOLICITATION NO.:
CONTRACT NO.:
CATEGORY CODE:

DESIGNED BY:
CHK BY:
DATE:
FILE NAME:
SIZE: D 22"x34"
PLOT SCALE:

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON DISTRICT

SAVANNAH HARBOR EXPANSION
SAVANNAH HARBOR, GEORGIA

MARSH ISLAND

PLATE REFERENCE NUMBER
04
SHEET

SBDOMSPCS8
SBDOMSPCS8
SBDZFRMAE8

US ARMY CORPS OF ENGINEERS SAVANNAH

SYMBOL	DESCRIPTION	DATE	BY

PREPARED BY: WILMINGTON DISTRICT

APPROVED BY:

CHIEF, ENGINEERING BRANCH

REVIEWED BY:

CHIEF, DESIGN SECTION

SOLICITATION NO.:

CONTRACT NO.:

CATEGORY CODE:

DESIGNED BY:

CHK BY:

DATE:

FILE NAME:

SIZE: D 22"X34"

PLOT SCALE:

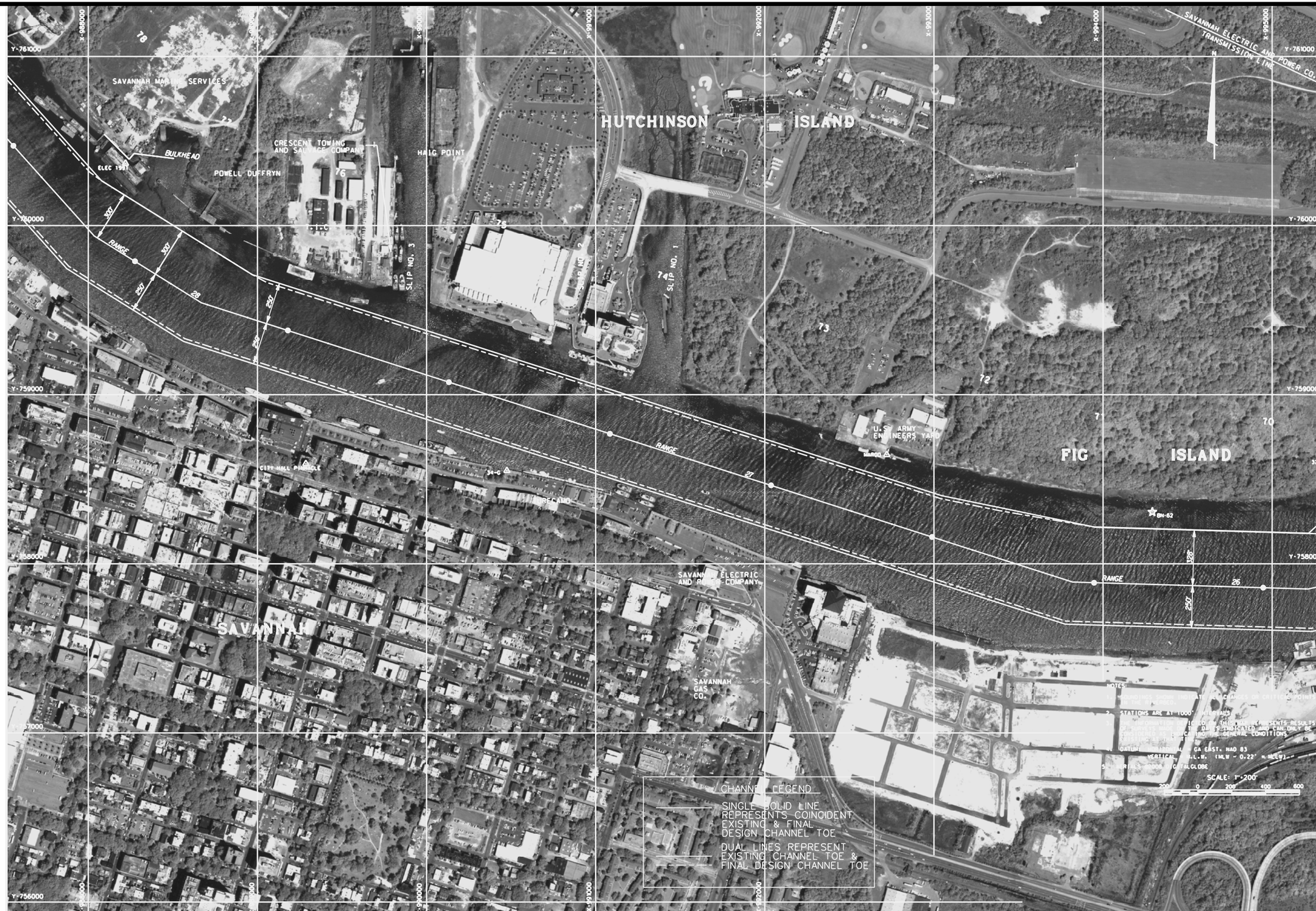
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON DISTRICT

SAVANNAH HARBOR EXPANSION
SAVANNAH HARBOR, GEORGIA

MARSH ISLAND

PLATE REFERENCE NUMBER
05
SHEET

S:\DGN\PGCS5
S:\DGN\PGCS5
S:\DGN\PGCS5



US ARMY CORPS OF ENGINEERS SAVANNAH

SYMBOL	DESCRIPTION	DATE	BY

PREPARED BY: WILMINGTON DISTRICT
APPROVED BY:
CHIEF, ENGINEERING BRANCH

REVIEWED BY:
CHIEF, DESIGN SECTION
SOLICITATION NO.:
CONTRACT NO.:
CATEGORY CODE:

DESIGNED BY:
CHK BY:
DATE:
FILE NAME:
SIZE: D 22"X34"
PLOT SCALE:

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON DISTRICT

SAVANNAH HARBOR EXPANSION
SAVANNAH HARBOR, GEORGIA

CITY FRONT

PLATE REFERENCE NUMBER
06
SHEET

$$DGNSPECS$$
$$SSFRAMES$$
$$SSCFRAMES$$

US ARMY CORPS OF ENGINEERS SAVANNAH

SYMBOL	DESCRIPTION	DATE	BY

PREPARED BY: WILMINGTON DISTRICT

APPROVED BY:

CHIEF, ENGINEERING BRANCH

REVIEWED BY:

CHIEF, DESIGN SECTION
SOLICITATION NO.:

CONTRACT NO.:

CATEGORY CODE:

DESIGNED BY:

CHK BY:

DATE:

FILE NAME:

SIZE: D 22"X34"

PLOT SCALE:

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON DISTRICT

SAVANNAH HARBOR EXPANSION
SAVANNAH HARBOR, GEORGIA

WRECKS CHANNEL

PLATE REFERENCE NUMBER
07
SHEET

US ARMY CORPS OF ENGINEERS SAVANNAH

SYMBOL	DESCRIPTION	DATE	BY

PREPARED BY: SAVANNAH DISTRICT
APPROVED BY:
CHIEF, ENGINEERING BRANCH

REVIEWED BY:
CHIEF, DESIGN SECTION
SOLICITATION NO.:
CONTRACT NO.:
CATEGORY CODE:

DESIGNED BY:
CHK BY:
DATE:
FILE NAME:
PLOT SCALE:
SIZE: D 22"X34"

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
SAVANNAH DISTRICT

SAVANNAH HARBOR EXPANSION
SAVANNAH HARBOR, GEORGIA

WRECKS-OGLETHORPE

PLATE REFERENCE NUMBER
08
SHEET

$$DGNSPEC$$
$$SCTNAME$$
$$USERNAME$$

NOTES:

1. SOUNDINGS SHOWN INDICATE ALL CHANGES OR CRITICAL POINTS IN THE RIVERBED.
2. STATIONS ARE AT 1000' INTERVALS.
3. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.
4. DATUM: HORIZONTAL = GA EAST, NAD 83
   VERTICAL = M.L.W. (MLW - 0.22' = MLLW)
5. AERIALS ©2008 DIGITALGLOBE

SCALE: 1"=200'

-200 0 200 400 600

CHANNEL LEGEND

SINGLE SOLID LINE REPRESENTS COINCIDENT EXISTING & FINAL DESIGN CHANNEL TOE

DUAL LINES REPRESENT EXISTING CHANNEL TOE & FINAL DESIGN CHANNEL TOE

US ARMY CORPS OF ENGINEERS SAVANNAH

SYMBOL	DESCRIPTION	DATE	BY

PREPARED BY: SAVANNAH DISTRICT

APPROVED BY:

CHIEF, ENGINEERING BRANCH

REVIEWED BY:

CHIEF, DESIGN SECTION
SOLICITATION NO.:

CONTRACT NO.:

CATEGORY CODE:

PLOT SCALE:

DESIGNED BY:

CHK BY:

DATE:

FILE NAME:

SIZE: D
22"X34"

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
SAVANNAH DISTRICT

SAVANNAH HARBOR EXPANSION
SAVANNAH HARBOR, GEORGIA

OGLETHORPE-FORT JACKSON

PLATE REFERENCE NUMBER
09
SHEET

$$DGNSPEC$$
$$SCALE$$
$$USERNAME$$

US ARMY CORPS OF ENGINEERS SAVANNAH

SYMBOL	DESCRIPTION	DATE	BY

PREPARED BY: WILMINGTON DISTRICT

APPROVED BY:

CHIEF, ENGINEERING BRANCH

REVIEWED BY:

CHIEF, DESIGN SECTION

SOLICITATION NO.:

CONTRACT NO.:

CATEGORY CODE:

DESIGNED BY:

CHK BY:

DATE:

FILE NAME:

PLOT SCALE:

SIZE: D 22"X34"

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON DISTRICT

SAVANNAH HARBOR EXPANSION
SAVANNAH HARBOR, GEORGIA

THE BIGHT

PLATE REFERENCE NUMBER 10

SHEET

SSDOSPECS5
SSDTEMP5
SSDZFRAME5

US ARMY CORPS OF ENGINEERS SAVANNAH

SYMBOL	DESCRIPTION	DATE	BY

PREPARED BY: WILMINGTON DISTRICT

APPROVED BY:

CHIEF, ENGINEERING BRANCH

REVIEWED BY:

CHIEF, DESIGN SECTION

SOLICITATION NO.:

CONTRACT NO.:

CATEGORY CODE:

DESIGNED BY:

CHK BY:

DATE:

FILE NAME:

PLOT SCALE:

SIZE: D 22"X34"

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON DISTRICT

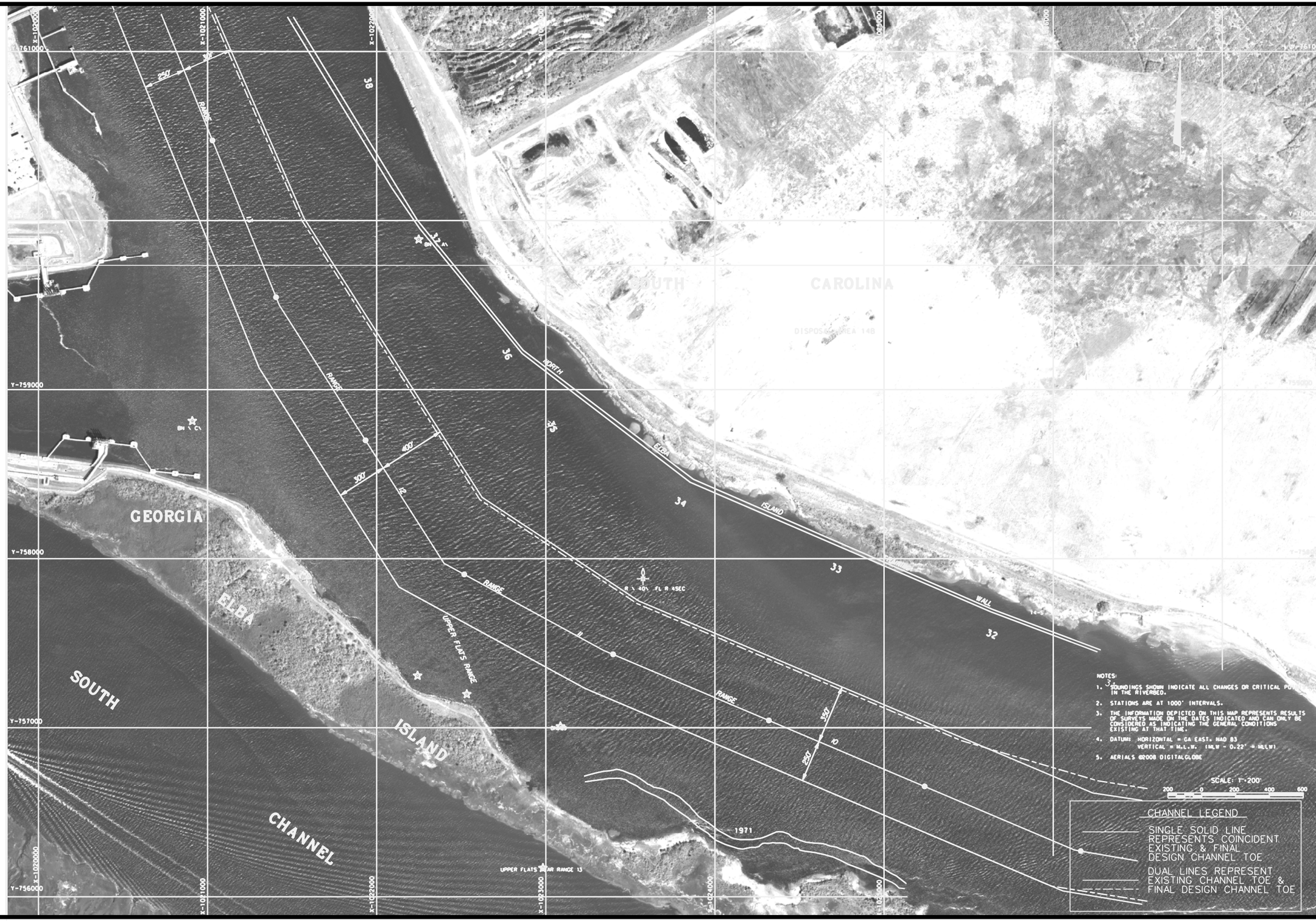
SAVANNAH HARBOR EXPANSION
SAVANNAH HARBOR, GEORGIA

BIGHT-UPPER FLATS

PLATE REFERENCE NUMBER
11

SHEET

$$$$DOPSCCS$$
$$$$$$$$$$
$$$$$$$$$$



US ARMY CORPS OF ENGINEERS SAVANNAH

SYMBOL	DESCRIPTION	DATE	BY

PREPARED BY: WILMINGTON DISTRICT
APPROVED BY:
CHIEF, ENGINEERING BRANCH

REVIEWED BY:
CHIEF, DESIGN SECTION
SOLICITATION NO.:
CONTRACT NO.:
CATEGORY CODE:

DESIGNED BY:
CHK BY:
DATE:
FILE NAME:
SIZE: D 22"X34"
PLOT SCALE:

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON DISTRICT

SAVANNAH HARBOR EXPANSION
SAVANNAH HARBOR, GEORGIA

UPPER FLATS-LOWER FLATS

PLATE REFERENCE NUMBER
12
SHEET

SSDONSPECSS
SSSTYLES
SSSZRNAMES

US ARMY CORPS OF ENGINEERS SAVANNAH

SYMBOL	DESCRIPTION	DATE	BY

PREPARED BY: WILMINGTON DISTRICT
APPROVED BY:
CHIEF, ENGINEERING BRANCH

REVIEWED BY:
CHIEF, DESIGN SECTION
SOLICITATION NO.:
CONTRACT NO.:
CATEGORY CODE:

DESIGNED BY:
CHK BY:
DATE:
FILE NAME:
SIZE: D 22"X34"
PLOT SCALE:

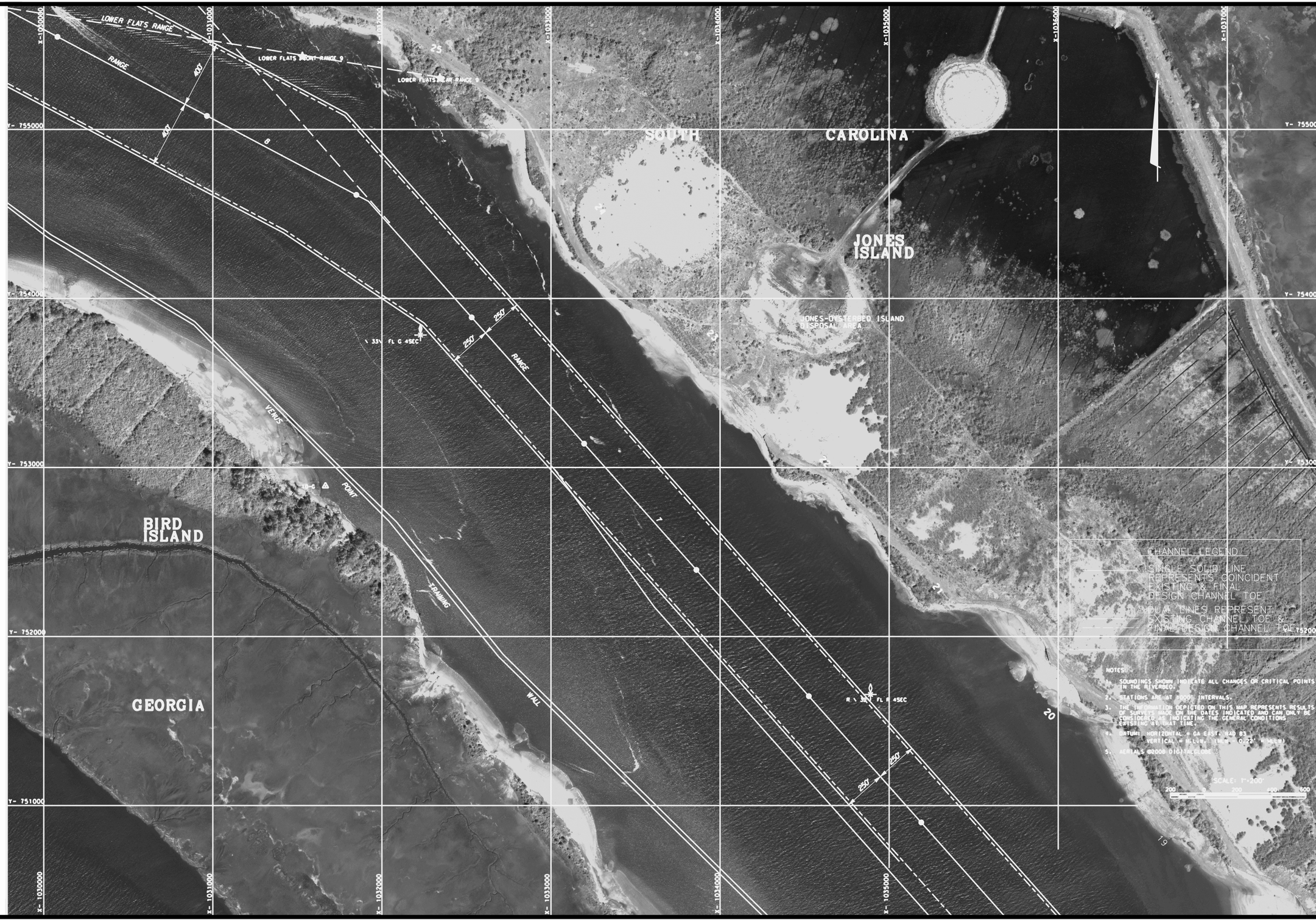
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON DISTRICT

SAVANNAH HARBOR EXPANSION
SAVANNAH HARBOR, GEORGIA

LOWER FLATS

PLATE REFERENCE NUMBER
13
SHEET

$$DCNSPECS
$$DCNSUMS
$$DCNRANGES



US ARMY CORPS OF ENGINEERS SAVANNAH

SYMBOL	DESCRIPTION	DATE	BY

PREPARED BY: WILMINGTON DISTRICT
APPROVED BY:
CHIEF, ENGINEERING BRANCH

REVIEWED BY:
CHIEF, DESIGN SECTION
SOLICITATION NO.:
CONTRACT NO.:
CATEGORY CODE:

DESIGNED BY:
CHK BY:
DATE:
FILE NAME:
SIZE: D 22"X34"
PLOT SCALE:

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON DISTRICT

SAVANNAH HARBOR EXPANSION
SAVANNAH HARBOR, GEORGIA

LONG ISLAND CROSSING

PLATE REFERENCE NUMBER
14
SHEET

$$OCHSPECS$$
$$SYSTEMVARS$$
$$USERNAMES$$

US ARMY CORPS OF ENGINEERS SAVANNAH

SYMBOL	DESCRIPTION	DATE	BY

PREPARED BY: SAVANNAH DISTRICT

APPROVED BY:

CHIEF, ENGINEERING BRANCH

REVIEWED BY:

CHIEF, DESIGN SECTION

SOLICITATION NO.:

CONTRACT NO.:

CATEGORY CODE:

DESIGNED BY:

CHK BY:

DATE:

FILE NAME:

PLOT SCALE:

SIZE: D 22"X34"

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
SAVANNAH DISTRICT

SAVANNAH HARBOR EXPANSION
SAVANNAH HARBOR, GEORGIA

LONG ISLAND CROSSING

PLATE REFERENCE NUMBER 15

SHEET

$$DGNSPEC$$
$$SCRIPTNAME$$
$$USERNAME$$

US ARMY CORPS OF ENGINEERS SAVANNAH

SYMBOL	DESCRIPTION	DATE	BY

PREPARED BY: WILMINGTON DISTRICT
APPROVED BY:
CHIEF, ENGINEERING BRANCH

REVIEWED BY:
CHIEF, DESIGN SECTION
SOLICITATION NO.:
CONTRACT NO.:
CATEGORY CODE:

DESIGNED BY:
CHK BY:
DATE:
FILE NAME:
SIZE: D 22"X34"
PLOT SCALE:

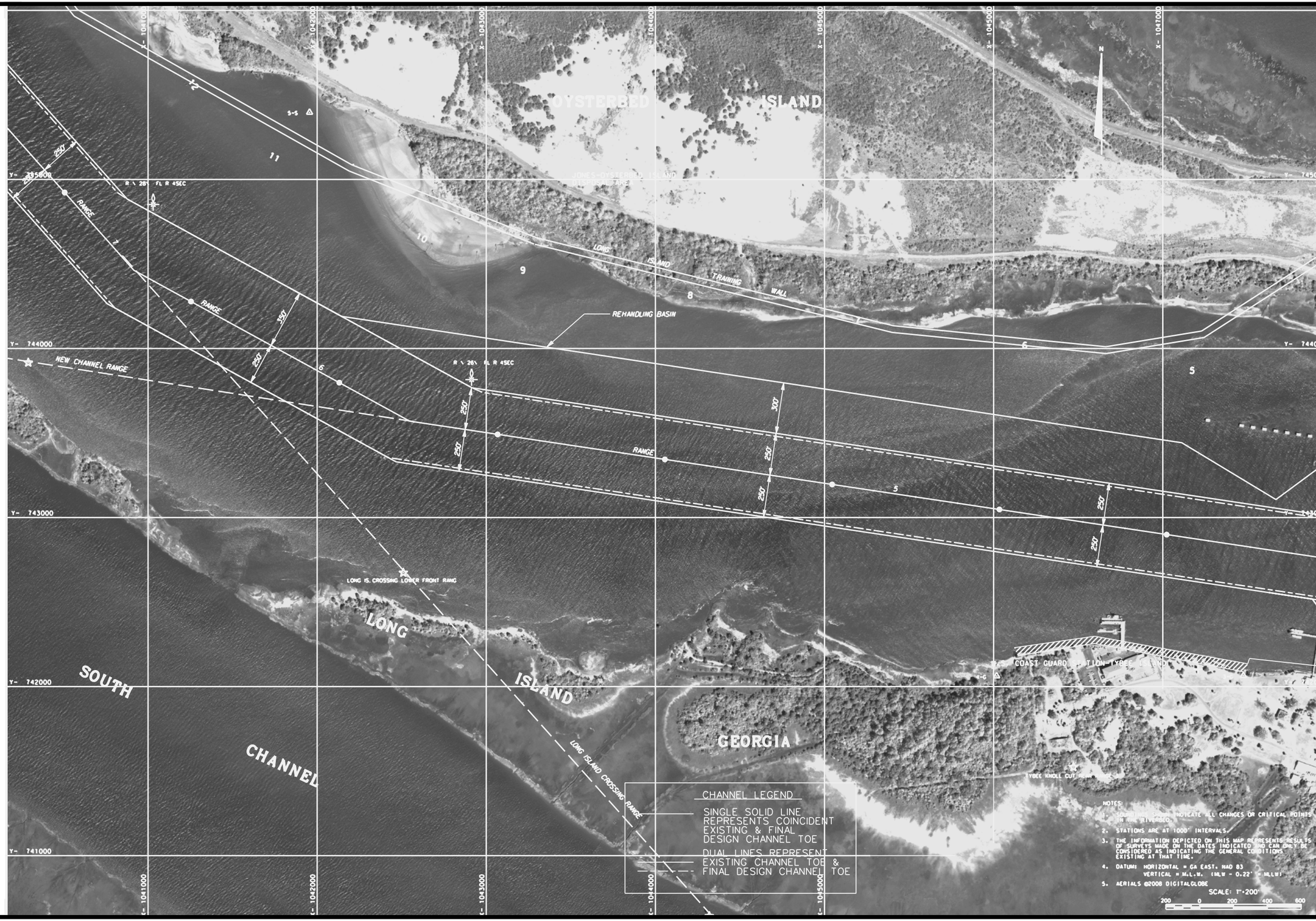
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON DISTRICT

SAVANNAH HARBOR EXPANSION
SAVANNAH HARBOR, GEORGIA

LONG ISLAND CROSSING

PLATE REFERENCE NUMBER
16
SHEET

$$$$$$$$$$$$
$$$$$$$$$$$$
$$$$$$$$$$$$



US ARMY CORPS OF ENGINEERS SAVANNAH

SYMBOL	DESCRIPTION	DATE	BY

PREPARED BY: WILMINGTON DISTRICT
APPROVED BY:
CHIEF, ENGINEERING BRANCH

REVIEWED BY:
CHIEF, DESIGN SECTION
SOLICITATION NO.:
CONTRACT NO.:
CATEGORY CODE:

DESIGNED BY:
CHK BY:
DATE:
FILE NAME:
SIZE: D 22"X34"
PLOT SCALE:

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON DISTRICT

SAVANNAH HARBOR EXPANSION
SAVANNAH HARBOR, GEORGIA

NEW CHANNEL RANGE

PLATE REFERENCE NUMBER
17
SHEET

S0DCHSPECS
S0DCHPLATES
S0DZONMASS

NOTES:

1. SOUNDINGS SHOWN INDICATE ALL CHANGES OR CRITICAL POINTS IN THE RIVERBED.
2. STATIONS ARE AT 1000' INTERVALS.
3. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.
4. DATUMS: HORIZONTAL = GA EAST. NAD 83
   VERTICAL = M.L.W. (MLW - 0.22' = MLLW)
5. AERIALS ©2008 DIGITALGLOBE

US ARMY CORPS OF ENGINEERS SAVANNAH

SYMBOL	DESCRIPTION	DATE	BY

PREPARED BY: WILMINGTON DISTRICT
APPROVED BY:
CHIEF, ENGINEERING BRANCH

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SOLICITATION NO.:
CONTRACT NO.:
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DESIGNED BY:
CHK BY:
DATE:
FILE NAME:
SIZE: D 22"X34"
PLOT SCALE:

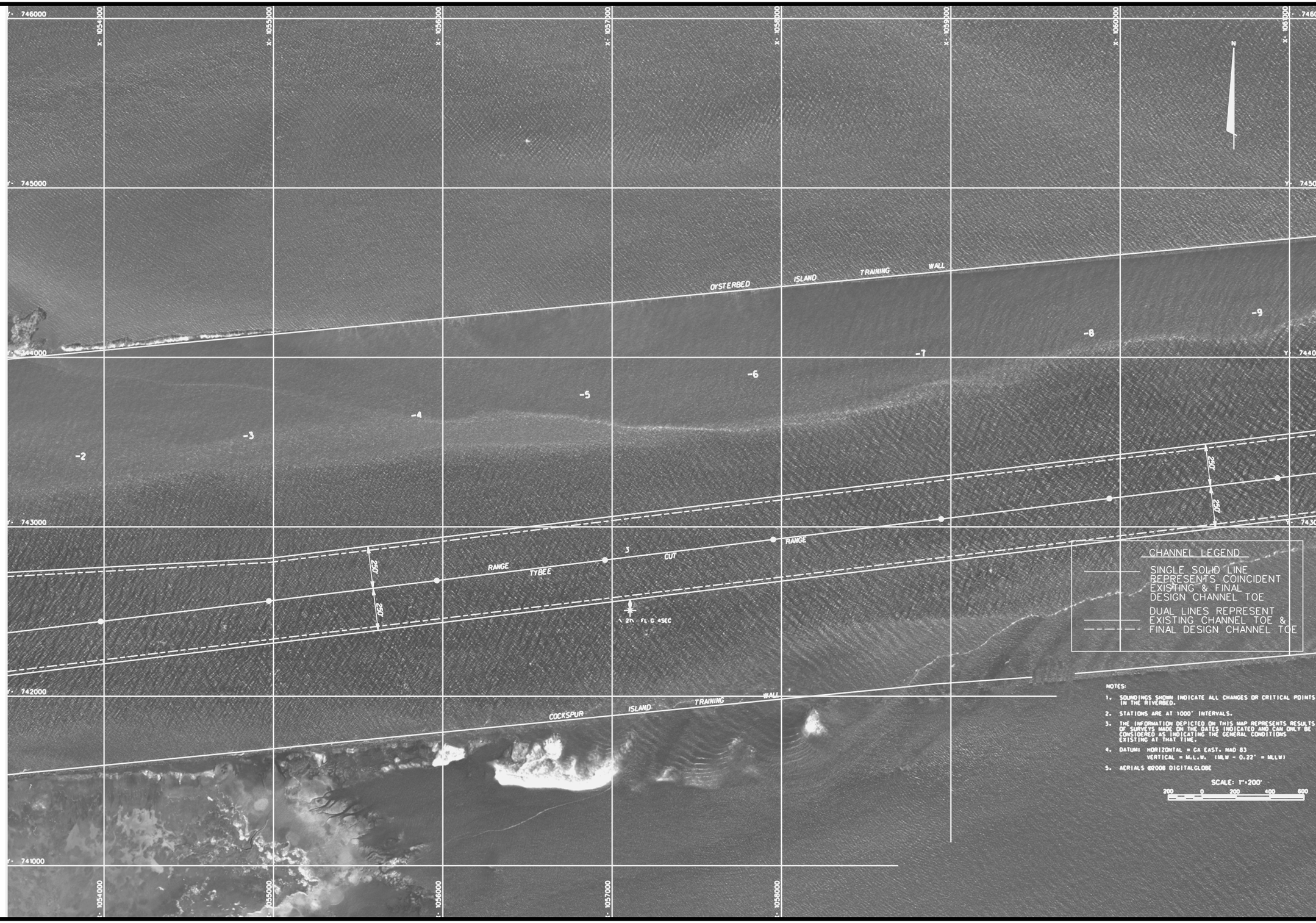
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON DISTRICT

SAVANNAH HARBOR EXPANSION
SAVANNAH HARBOR, GEORGIA

NEW CHANNEL RANGE

PLATE REFERENCE NUMBER
18
SHEET

SBDCHSPEC85
SBDCFINAL85
SBDCFINAL85



US ARMY CORPS OF ENGINEERS SAVANNAH

SYMBOL	DESCRIPTION	DATE	BY

PREPARED BY: WILMINGTON DISTRICT
APPROVED BY:
CHIEF, ENGINEERING BRANCH

REVIEWED BY:
CHIEF, DESIGN SECTION
SOLICITATION NO.:
CONTRACT NO.:
CATEGORY CODE:

DESIGNED BY:
CHK BY:
DATE:
FILE NAME:
PLOT SCALE:
SIZE D 22"X34"

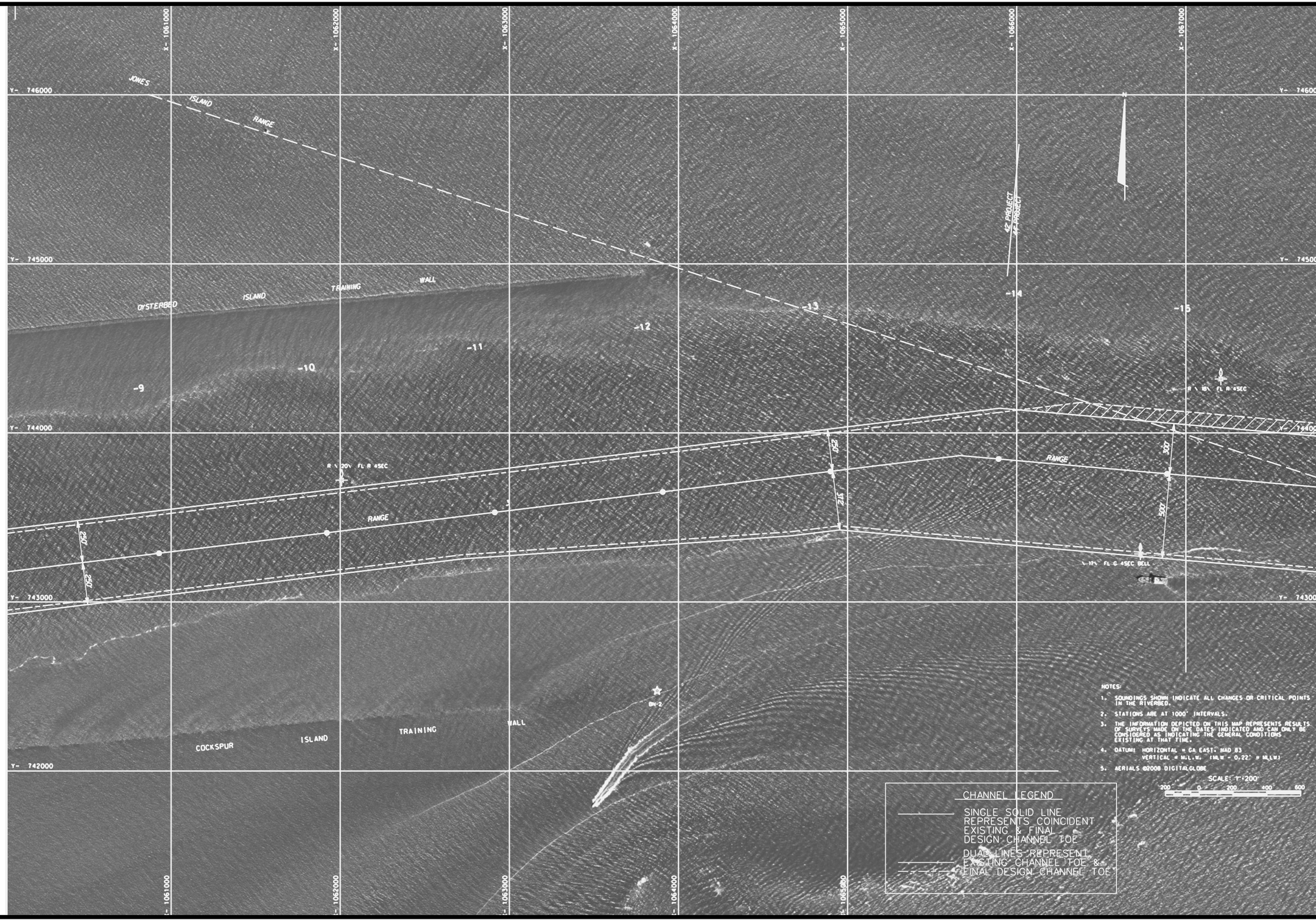
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON DISTRICT

SAVANNAH HARBOR EXPANSION
SAVANNAH HARBOR, GEORGIA

TYBEE KNOLL

PLATE REFERENCE NUMBER
19
SHEET

$SOCHSPECS$
$SSCFMAES$
$SSCFMAES$
$SOCFMAES$



US ARMY CORPS OF ENGINEERS SAVANNAH

SYMBOL	DESCRIPTION	DATE	BY

PREPARED BY: WILMINGTON DISTRICT
APPROVED BY:
CHIEF, ENGINEERING BRANCH

REVIEWED BY:
CHIEF, DESIGN SECTION
SOLICITATION NO.:
CONTRACT NO.:
CATEGORY CODE:

DESIGNED BY:
CHK BY:
DATE:
FILE NAME:
SIZE: D 22"x34"
PLOT SCALE:

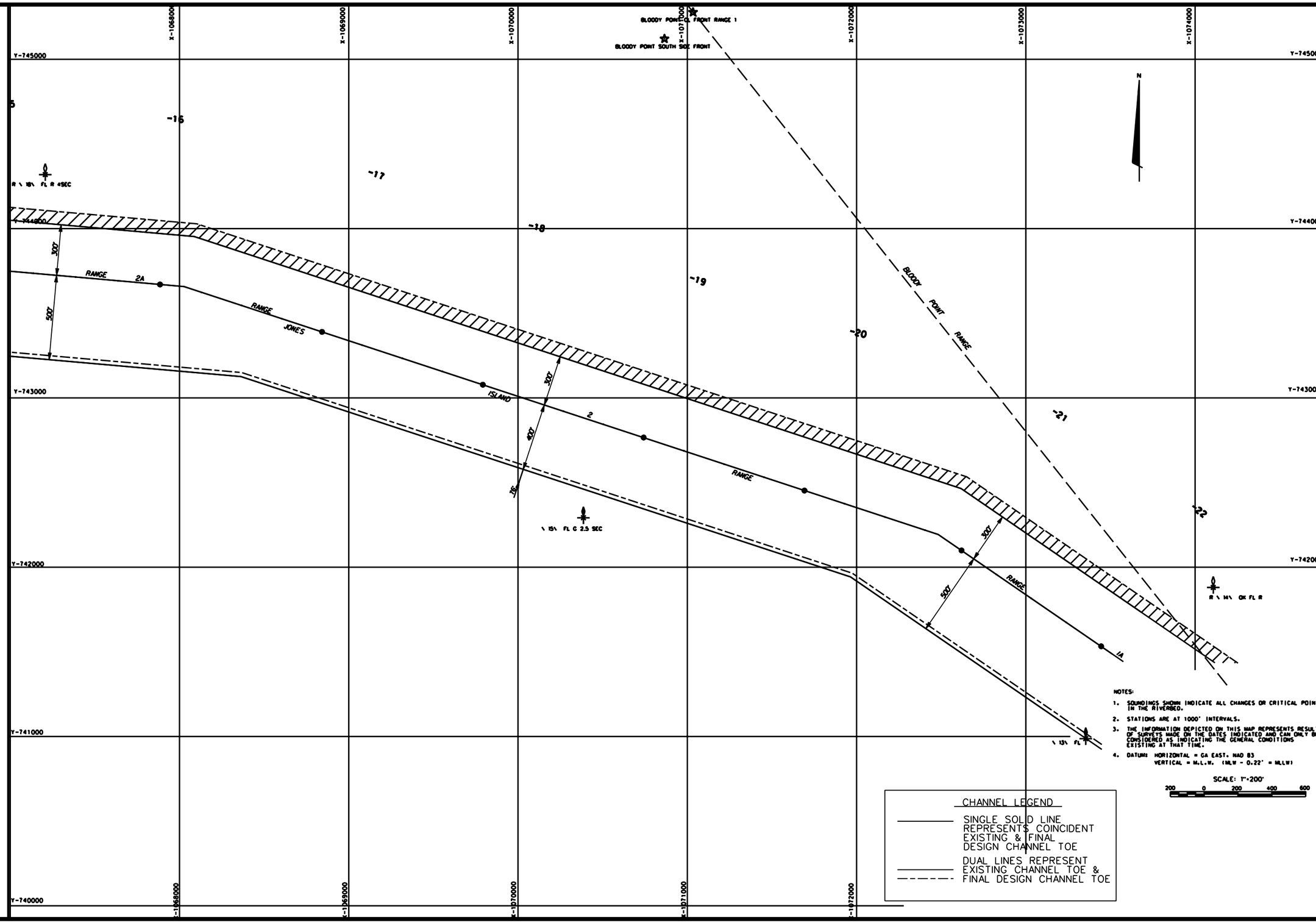
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON DISTRICT

SAVANNAH HARBOR EXPANSION
SAVANNAH HARBOR, GEORGIA

TYBEE KNOLL

PLATE REFERENCE NUMBER
20
SHEET

$$DGNSPECS$$
$$SYSTEM$$
$$USER$$
$$USERNAME$$



US ARMY CORPS OF ENGINEERS SAVANNAH

SYMBOL	DESCRIPTION	DATE	BY

PREPARED BY: WILMINGTON DISTRICT
APPROVED BY:
CHIEF, ENGINEERING BRANCH

REVIEWED BY:
CHIEF, DESIGN SECTION
SOLICITATION NO.:
CONTRACT NO.:
CATEGORY CODE:

DESIGNED BY:
CHK BY:
DATE:
FILE NAME:
PLOT SCALE:
SIZE: D 22"X34"

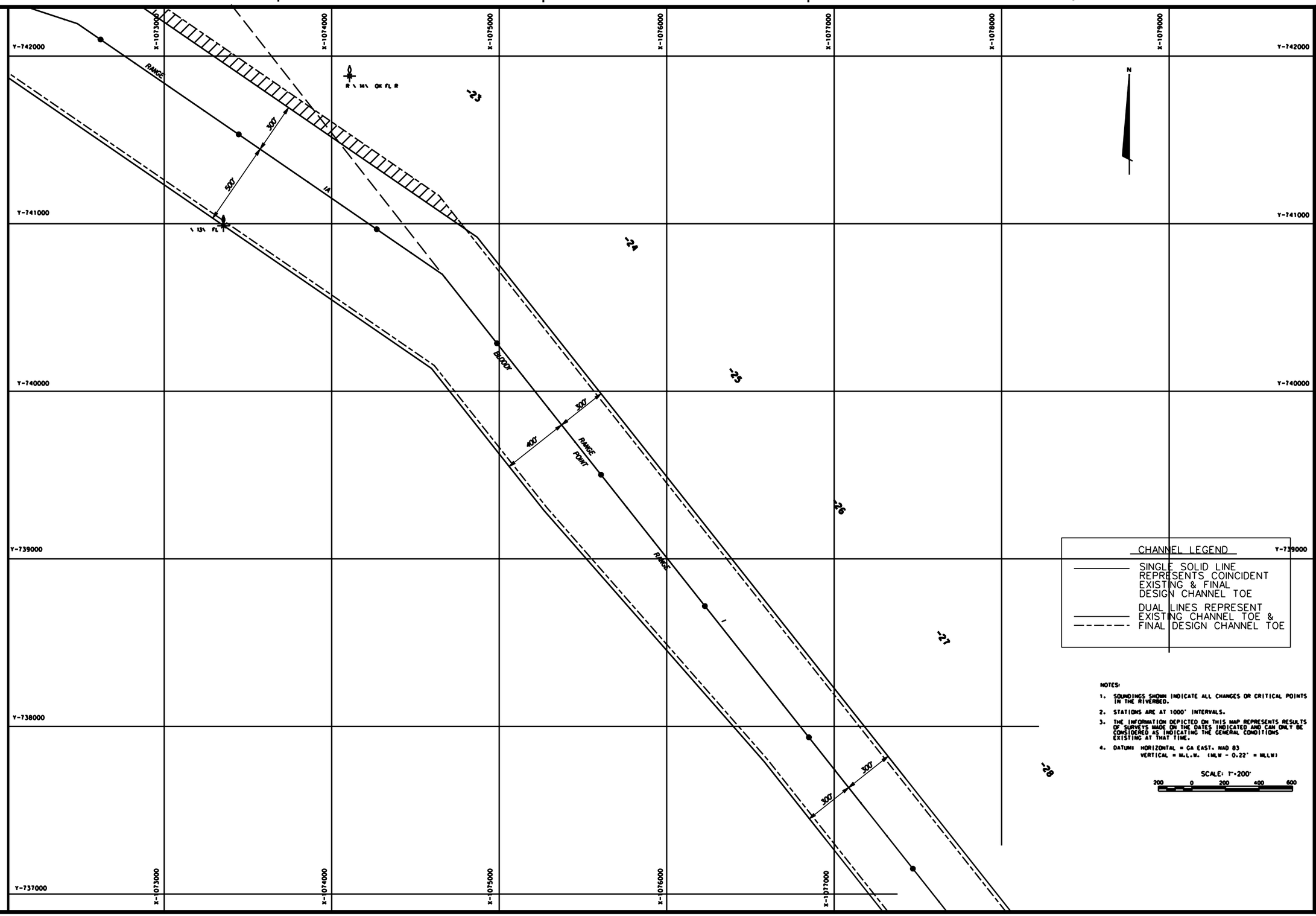
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON DISTRICT

SAVANNAH HARBOR EXPANSION
SAVANNAH HARBOR, GEORGIA

TYBEE KNOLL

PLATE REFERENCE NUMBER
21
SHEET

$$DGNSPECS$$
$$SYSTEMS$$
$$USERNAME$$



US ARMY CORPS OF ENGINEERS SAVANNAH

SYMBOL	DESCRIPTION	DATE	BY

PREPARED BY: WILMINGTON DISTRICT
APPROVED BY:
CHIEF, ENGINEERING BRANCH

REVIEWED BY:
CHIEF, DESIGN SECTION
SOLICITATION NO.:
CONTRACT NO.:
CATEGORY CODE:

DESIGNED BY:
CHK BY:
DATE:
FILE NAME:
SIZE: D 22"X34"
PLOT SCALE:

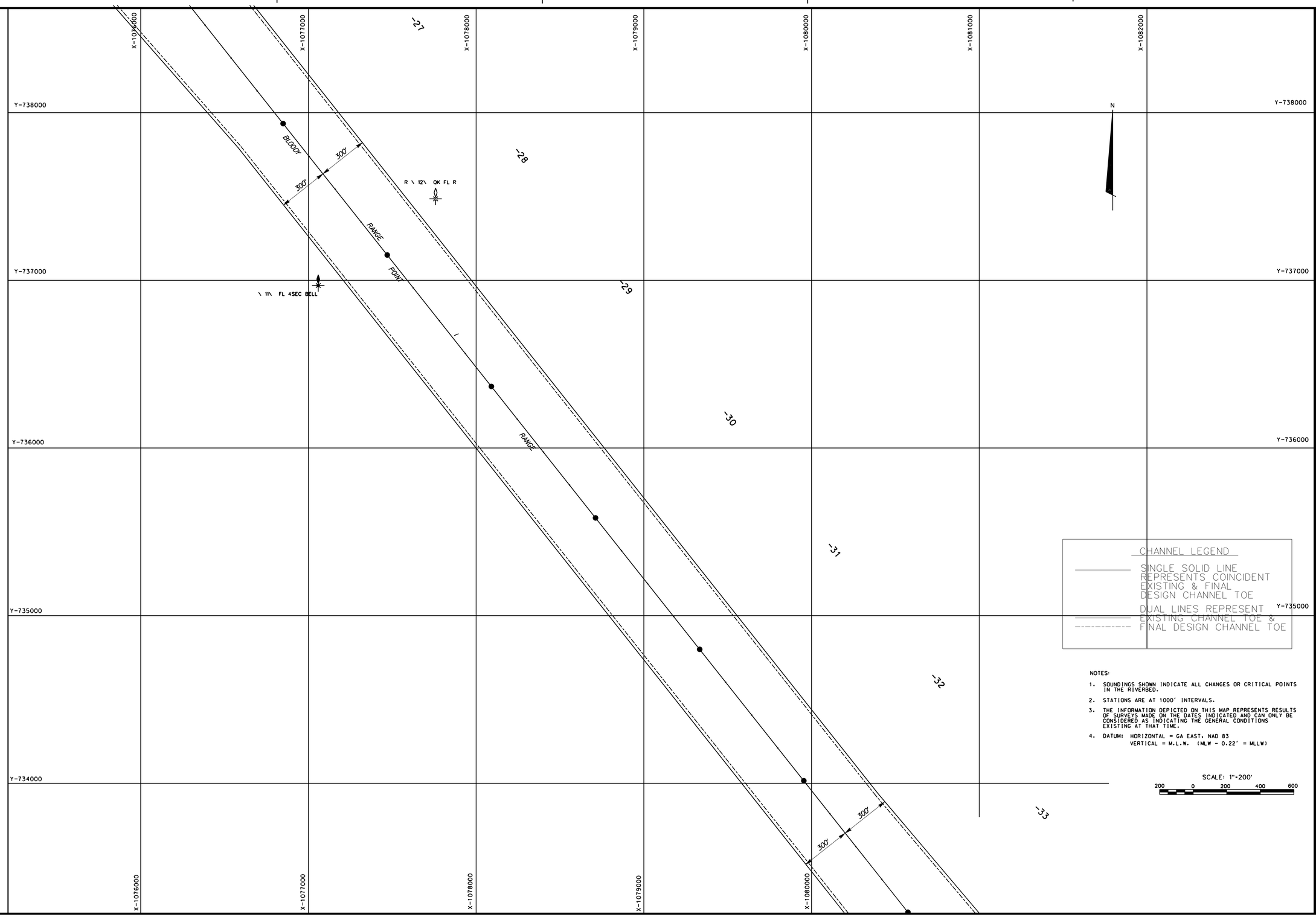
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON DISTRICT

SAVANNAH HARBOR EXPANSION
SAVANNAH HARBOR, GEORGIA

TYBEE KNOLL

PLATE REFERENCE NUMBER
22
SHEET

SSDOKSPECSS
SSSYTLES
SSSZFRAMESS



NOTES:

1. SOUNDINGS SHOWN INDICATE ALL CHANGES OR CRITICAL POINTS IN THE RIVERBED.
2. STATIONS ARE AT 1000' INTERVALS.
3. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.
4. DATUM: HORIZONTAL = GA EAST. NAD 83
   VERTICAL = M.L.W. (MLW - 0.22' = MLLW)

US ARMY CORPS OF ENGINEERS SAVANNAH

SYMBOL	DESCRIPTION	DATE	BY

PREPARED BY: SAVANNAH DISTRICT
APPROVED BY:
CHIEF, ENGINEERING BRANCH

REVIEWED BY:
CHIEF, DESIGN SECTION
SOLICITATION NO.:
CONTRACT NO.:
CATEGORY CODE:

DESIGNED BY:
CHK BY:
DATE:
FILE NAME:
SIZE: D 22"X34"
PLOT SCALE:

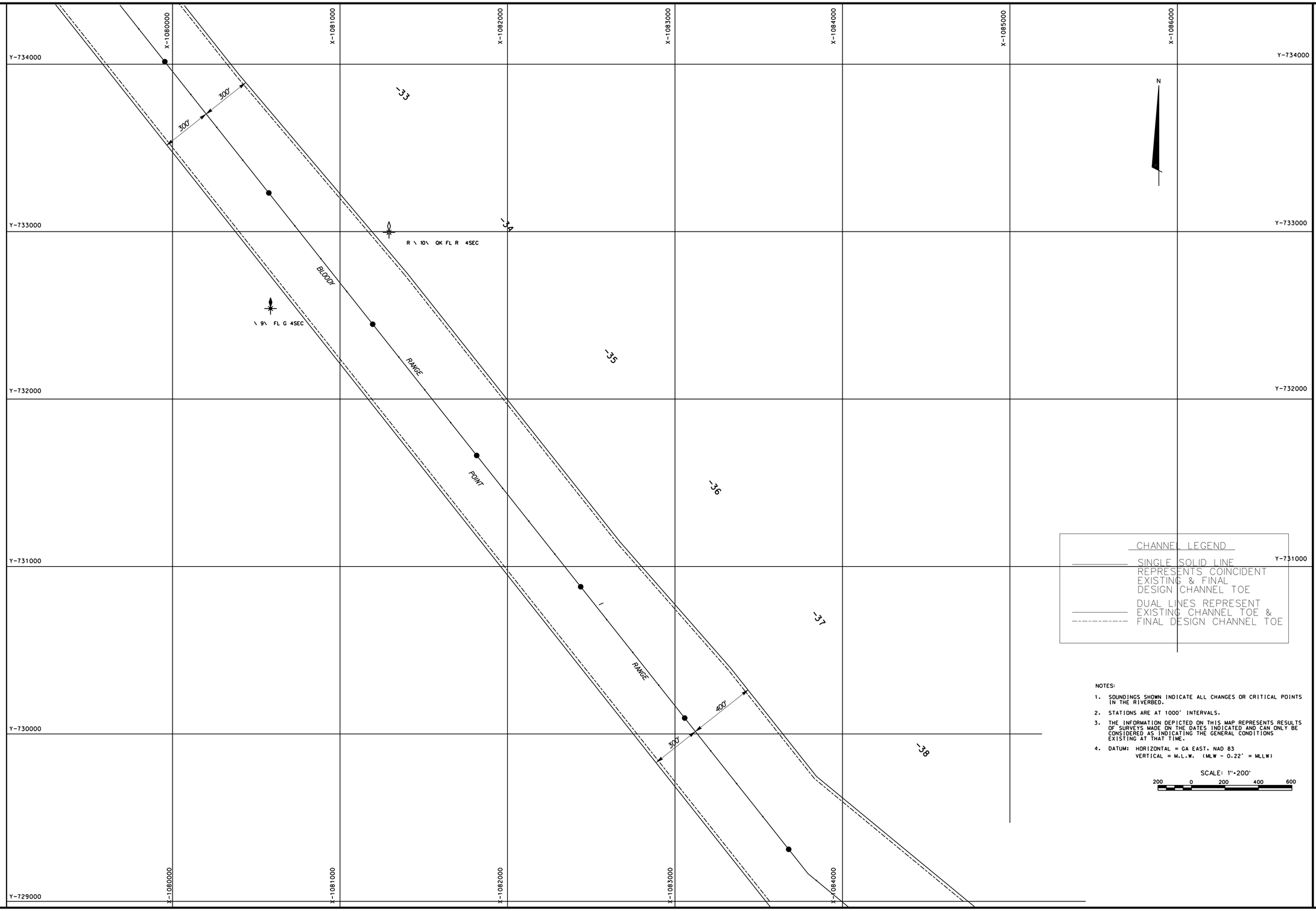
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
SAVANNAH DISTRICT

SAVANNAH HARBOR EXPANSION
SAVANNAH HARBOR, GEORGIA

TYBEE ROADS

PLATE REFERENCE NUMBER
23
SHEET

$$DGNSPEC$$
$$SYSTUSER$$
$$USERNAME$$


Y-734000
Y-733000
Y-732000
Y-731000
Y-730000
Y-729000
X-1080000
X-1081000
X-1082000
X-1083000
X-1084000
X-1085000
X-1086000
300'
300'
BLOODY
RANGE
R \ 10\ QK FL R 4SEC
\ 9\ FL G 4SEC
POINT
RANGE
400'
300'
-33
-34
-35
-36
-37
-38
N
CHANNEL LEGEND
SINGLE SOLID LINE REPRESENTS COINCIDENT EXISTING & FINAL DESIGN CHANNEL TOE
DUAL LINES REPRESENT EXISTING CHANNEL TOE & FINAL DESIGN CHANNEL TOE
NOTES:
1. SOUNDINGS SHOWN INDICATE ALL CHANGES OR CRITICAL POINTS IN THE RIVERBED.
2. STATIONS ARE AT 1000' INTERVALS.
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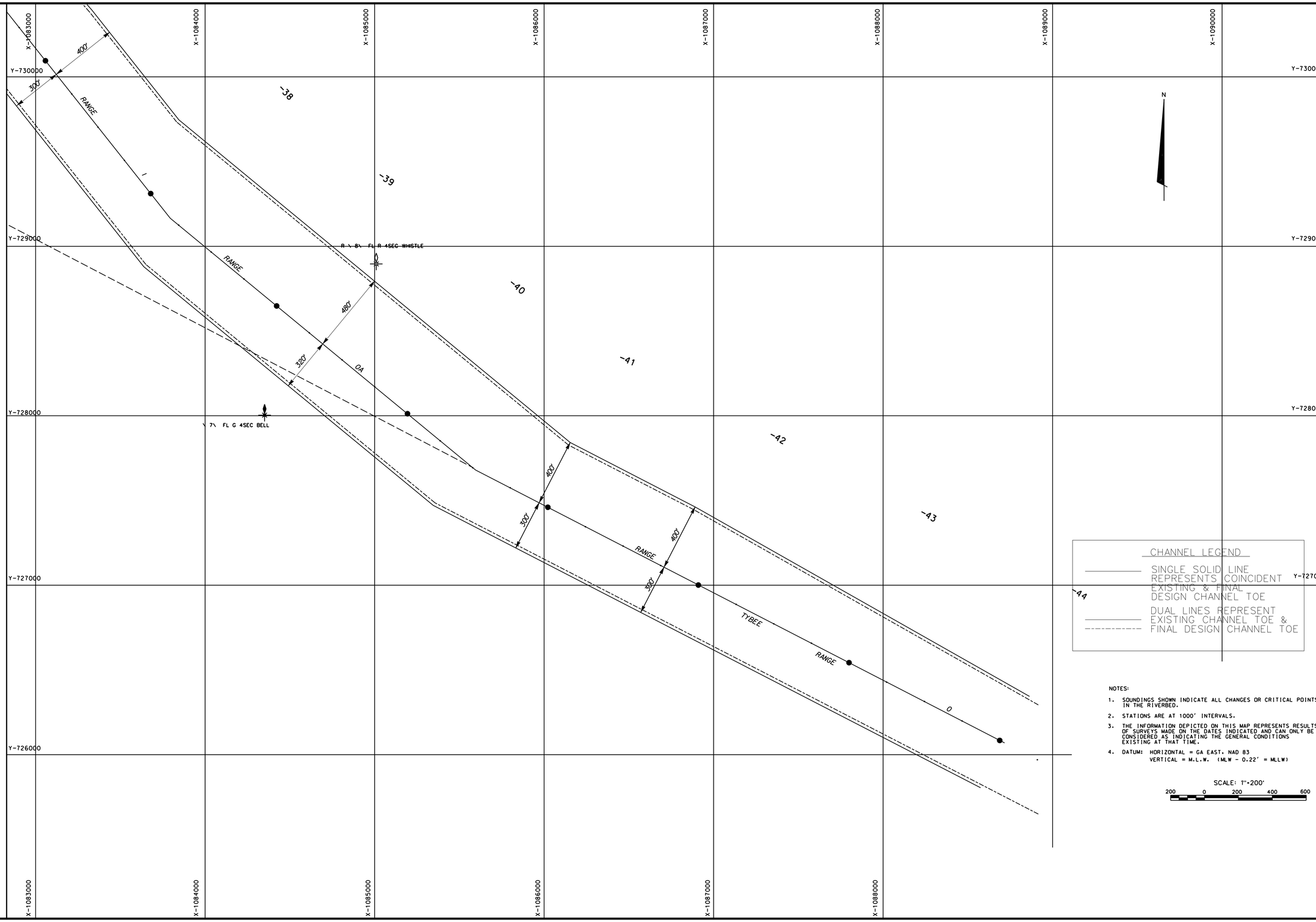
4. DATUM: HORIZONTAL = GA EAST. NAD 83
VERTICAL = M.L.W. (MLW - 0.22' = MLLW)
SCALE: 1"=200'
200 0 200 400 600
US ARMY CORPS OF ENGINEERS SAVANNAH
SYMBOL
DESCRIPTION
DATE
BY
PREPARED BY:
SAVANNAH DISTRICT
APPROVED BY:
CHIEF, ENGINEERING BRANCH
REVIEWED BY:
CHIEF, DESIGN SECTION
SOLICITATION NO.:
CONTRACT NO.:
CATEGORY CODE:
DESIGNED BY:
CHK BY:
DATE:
FILE NAME:
PLOT SCALE:
SIZE: D 22"X34"
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
SAVANNAH DISTRICT
SAVANNAH HARBOR EXPANSION
SAVANNAH HARBOR, GEORGIA
TYBEE ROADS
PLATE REFERENCE NUMBER
24
SHEET
$$DGNSPEC$$
$$CSTYLE$$
$$USERNAME$$



NOTES:

1. SOUNDINGS SHOWN INDICATE ALL CHANGES OR CRITICAL POINTS IN THE RIVERBED.
2. STATIONS ARE AT 1000' INTERVALS.
3. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.
4. DATUM: HORIZONTAL = GA EAST. NAD 83
   VERTICAL = M.L.W. (MLW - 0.22' = MLLW)

US ARMY CORPS OF ENGINEERS SAVANNAH

SYMBOL	DESCRIPTION	DATE	BY

PREPARED BY: SAVANNAH DISTRICT
APPROVED BY:
CHIEF, ENGINEERING BRANCH

REVIEWED BY:
CHIEF, DESIGN SECTION
SOLICITATION NO.:
CONTRACT NO.:
CATEGORY CODE:

DESIGNED BY:
CHK BY:
DATE:
FILE NAME:
SIZE: D 22"X34"
PLOT SCALE:

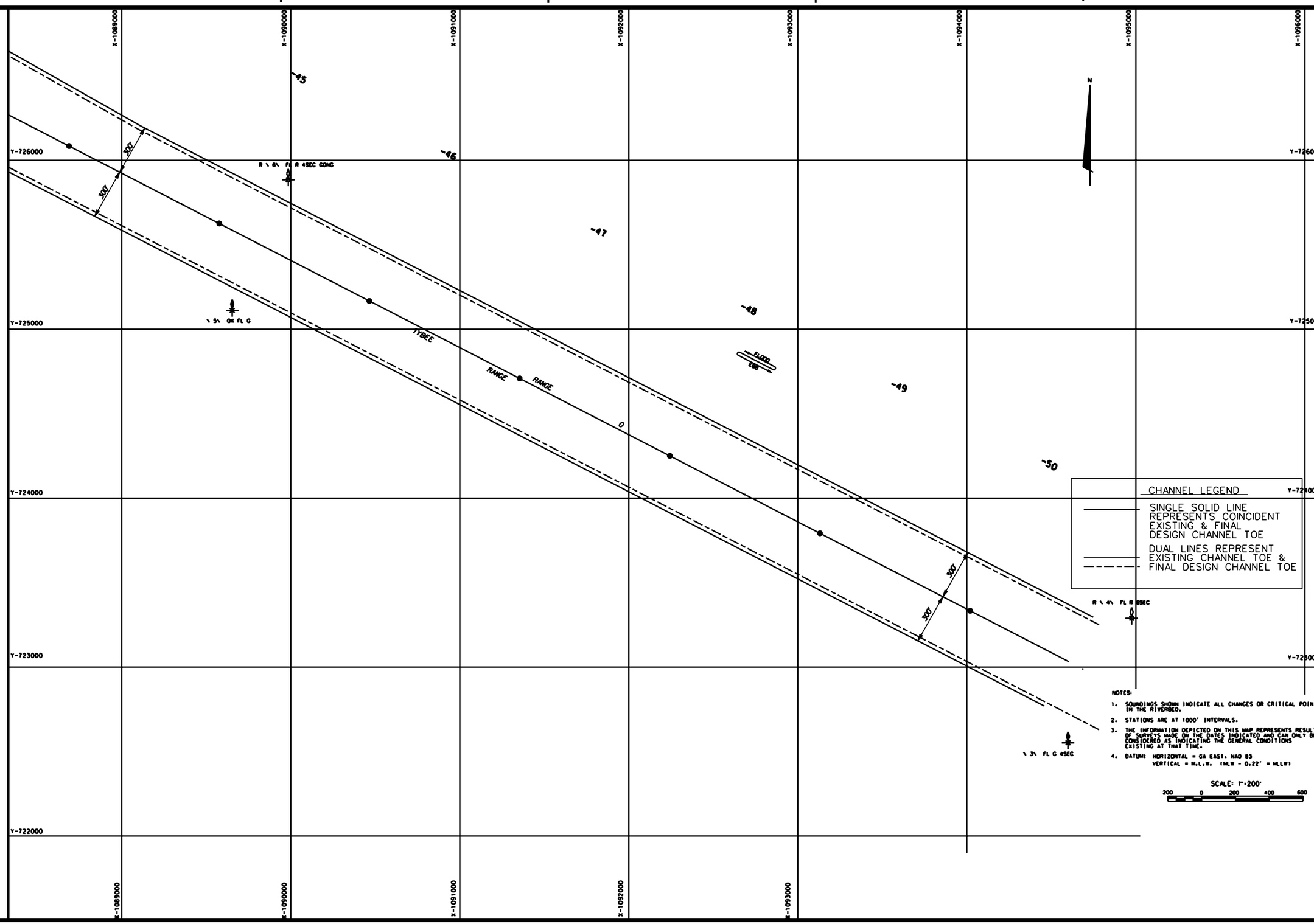
U. S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
SAVANNAH DISTRICT

SAVANNAH HARBOR EXPANSION
SAVANNAH HARBOR, GEORGIA

TYBEE ROADS

PLATE REFERENCE NUMBER
25
SHEET

$$DGNSPEC$$
$$SYSTIME$$
$$USERNAME$$



US ARMY CORPS OF ENGINEERS SAVANNAH

SYMBOL	DESCRIPTION	DATE	BY

PREPARED BY: WILMINGTON DISTRICT
APPROVED BY:
CHIEF, ENGINEERING BRANCH

REVIEWED BY:
CHIEF, DESIGN SECTION
SOLICITATION NO.:
CONTRACT NO.:
CATEGORY CODE:

DESIGNED BY:
CHK BY:
DATE:
FILE NAME:
SIZE: D 22"X34"
PLOT SCALE:

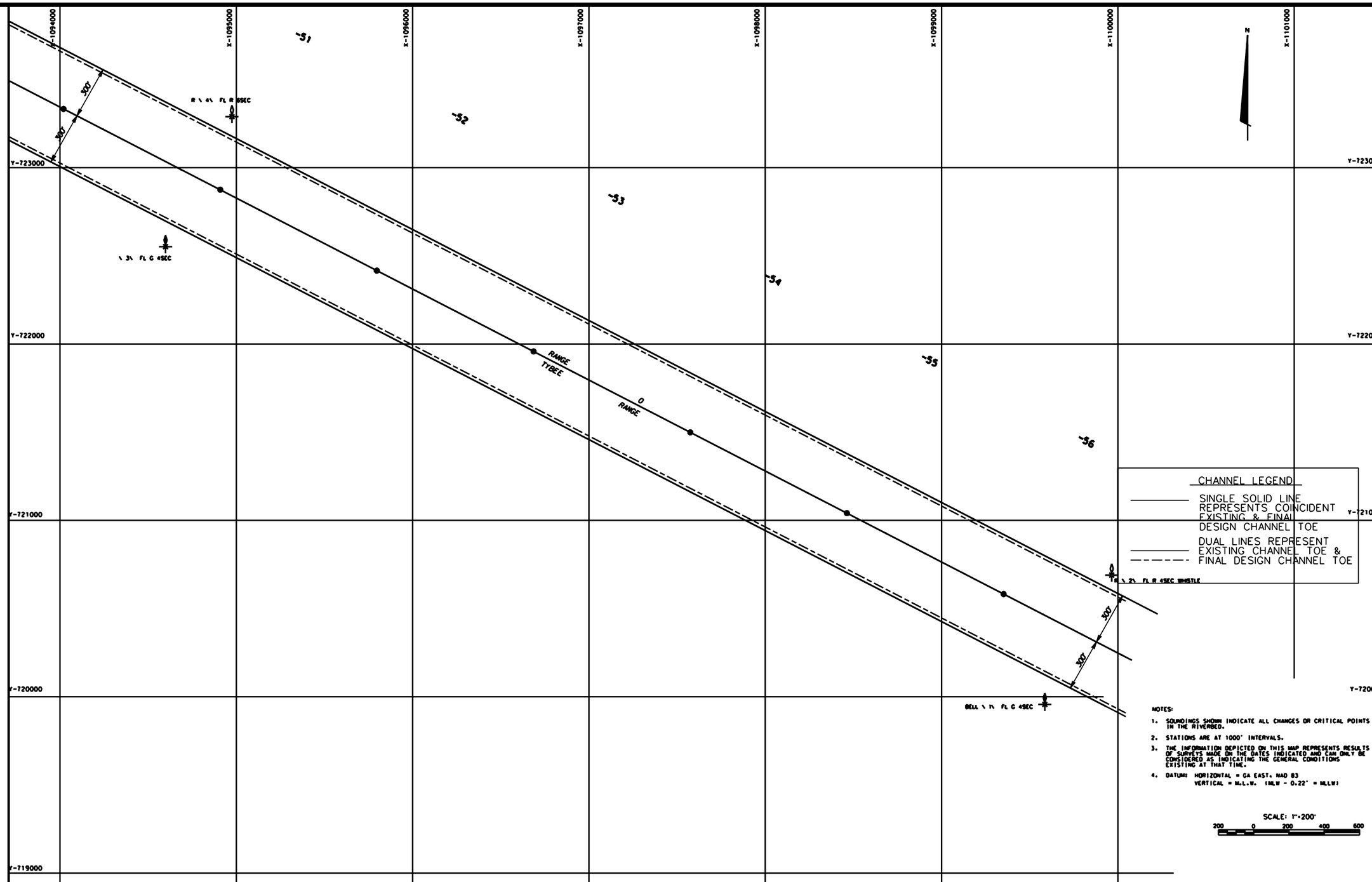
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON DISTRICT

SAVANNAH HARBOR EXPANSION
SAVANNAH HARBOR, GEORGIA

TYBEE ROADS

PLATE REFERENCE NUMBER
26
SHEET

$SDCHSPECS$
$SDCSNAME$
$SDCZONAME$



NOTES:

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2. STATIONS ARE AT 1000' INTERVALS.
3. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.
4. DATUM: HORIZONTAL = GA EAST, NAD 83
   VERTICAL = M.L.W. (MLW - 0.22' = MLLW)

US ARMY CORPS OF ENGINEERS SAVANNAH

SYMBOL	DESCRIPTION	DATE	BY

PREPARED BY: WILMINGTON DISTRICT
APPROVED BY:
CHIEF, ENGINEERING BRANCH

REVIEWED BY:
CHIEF, DESIGN SECTION
SOLICITATION NO.:
CONTRACT NO.:
CATEGORY CODE:

DESIGNED BY:
CHK BY:
DATE:
FILE NAME:
SIZE: D 22"X34"
PLOT SCALE:

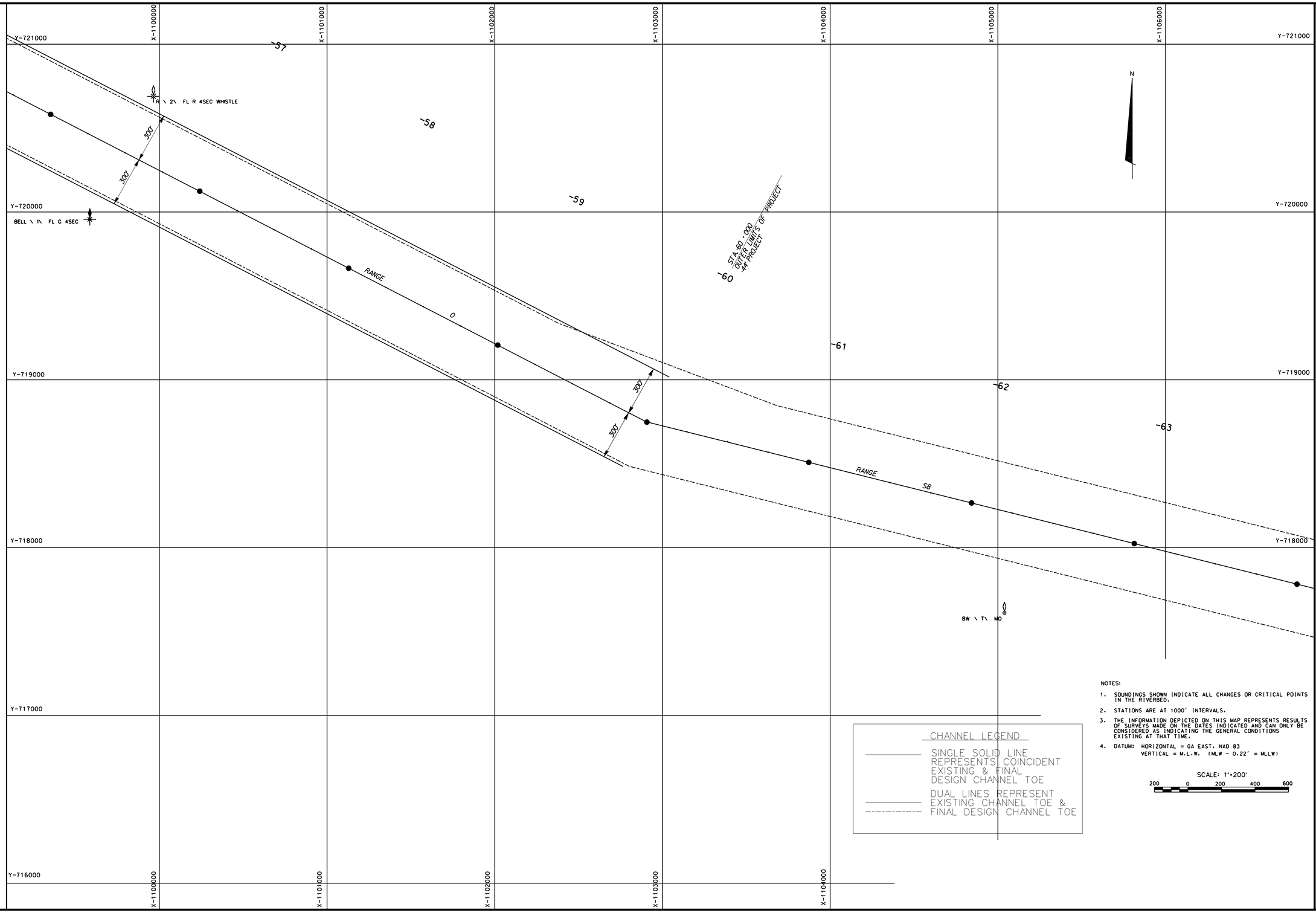
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON DISTRICT

SAVANNAH HARBOR EXPANSION
SAVANNAH HARBOR, GEORGIA

TYBEE ROADS

PLATE REFERENCE NUMBER
27
SHEET

$$DGNSPECS$$
$$SCALE$$
$$SIZE$$
$$FRAME$$



NOTES:

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2. STATIONS ARE AT 1000' INTERVALS.
3. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.
4. DATUM: HORIZONTAL = GA EAST, NAD 83
   VERTICAL = M.L.W. (MLW - 0.22' = MLLW)

SCALE: 1"=200'

200 0 200 400 600

CHANNEL LEGEND

SINGLE SOLID LINE REPRESENTS COINCIDENT EXISTING & FINAL DESIGN CHANNEL TOE

DUAL LINES REPRESENT EXISTING CHANNEL TOE & FINAL DESIGN CHANNEL TOE

US ARMY CORPS OF ENGINEERS SAVANNAH

SYMBOL	DESCRIPTION	DATE	BY

PREPARED BY: SAVANNAH DISTRICT

APPROVED BY:

CHIEF, ENGINEERING BRANCH

REVIEWED BY:

CHIEF, DESIGN SECTION

SOLICITATION NO.:

CONTRACT NO.:

CATEGORY CODE:

DESIGNED BY:

CHK BY:

DATE:

FILE NAME:

SCALE:

SIZE: D 22"X34"

PLOT SCALE:

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
SAVANNAH DISTRICT

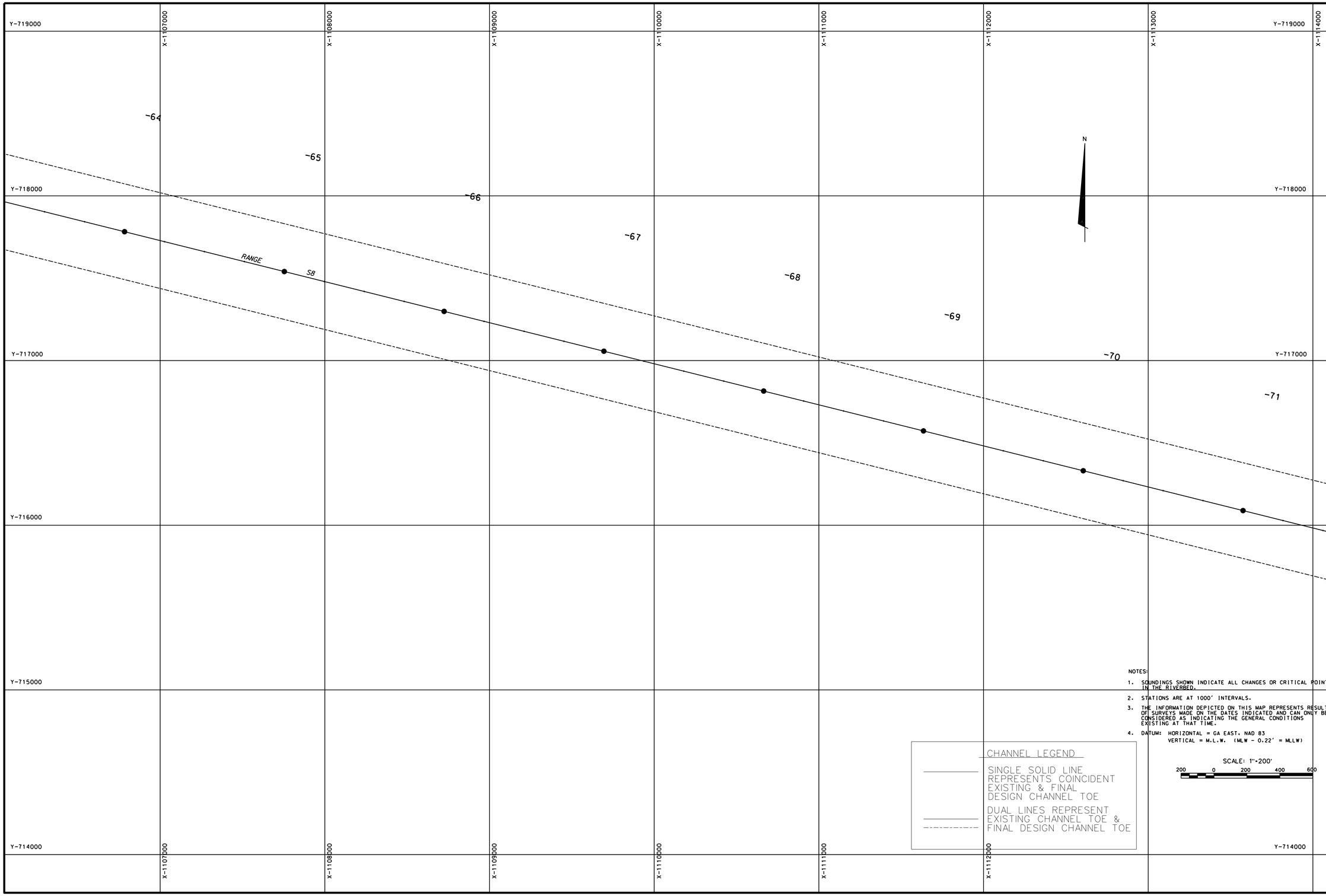
SAVANNAH HARBOR EXPANSION
SAVANNAH HARBOR, GEORGIA

TYBEE ROADS

PLATE REFERENCE NUMBER 28

SHEET

$$DGNSPEC$$
$$STYLESHEET$$
$$USERNAME$$



NOTES:

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3. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.
4. DATUM: HORIZONTAL = GA EAST, NAD 83
   VERTICAL = M.L.W. (MLW - 0.22' = MLLW)

CHANNEL LEGEND

SINGLE SOLID LINE REPRESENTS COINCIDENT EXISTING & FINAL DESIGN CHANNEL TOE

DUAL LINES REPRESENT EXISTING CHANNEL TOE & FINAL DESIGN CHANNEL TOE

SCALE: 1"=200'

200 0 200 400 600

US ARMY CORPS OF ENGINEERS SAVANNAH

SYMBOL	DESCRIPTION	DATE	BY

PREPARED BY: SAVANNAH DISTRICT

APPROVED BY:

CHIEF, ENGINEERING BRANCH

REVIEWED BY:

CHIEF, DESIGN SECTION

SOLICITATION NO.:

CONTRACT NO.:

CATEGORY CODE:

DESIGNED BY:

CHK BY:

DATE:

FILE NAME:

PLOT SCALE:

SIZE: D 22"X34"

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
SAVANNAH DISTRICT

SAVANNAH HARBOR EXPANSION
SAVANNAH HARBOR, GEORGIA

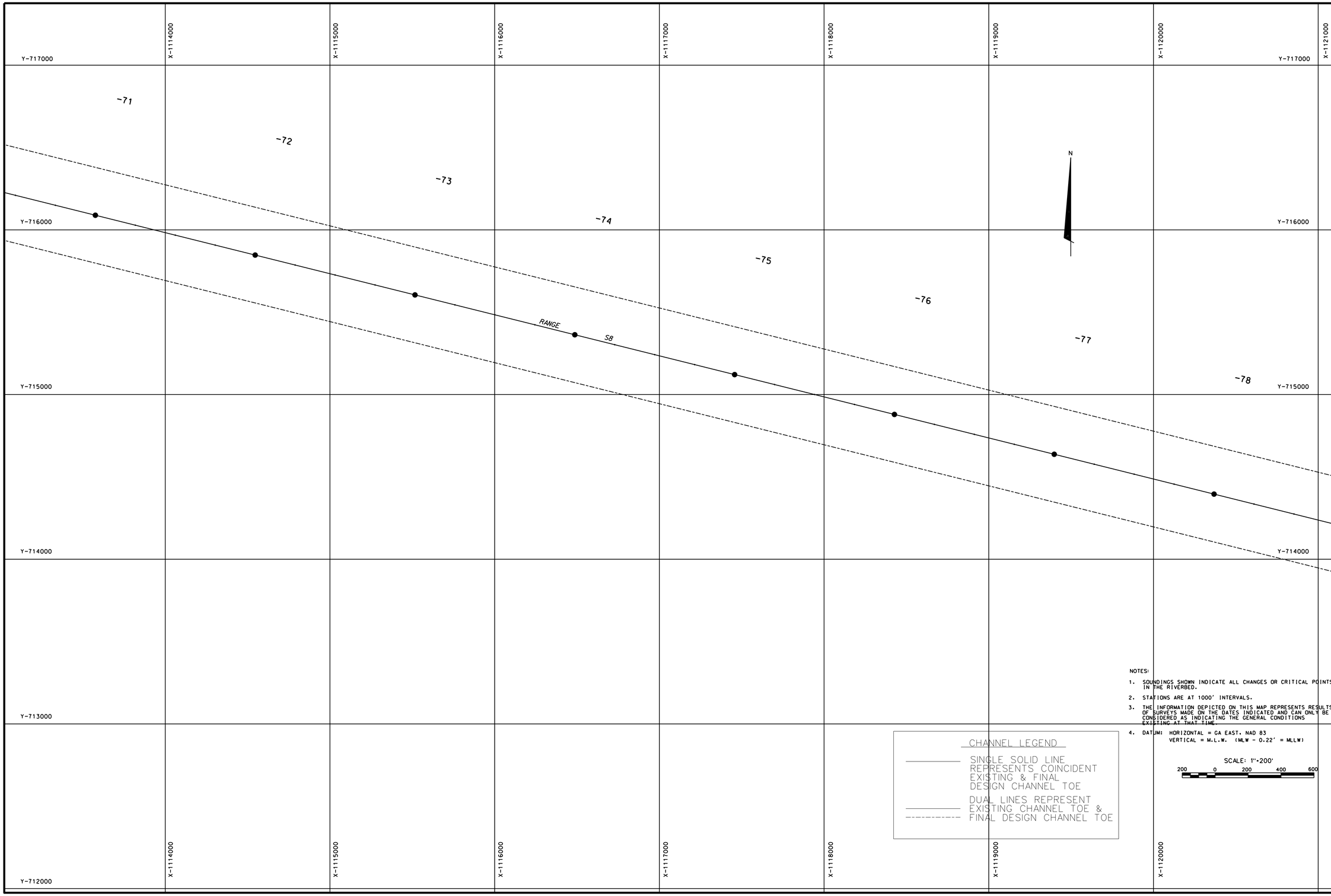
TYBEE ROADS

PLATE REFERENCE NUMBER

29

SHEET

$$DGNSPEC$$
$$SYSTIME$$
$$USERNAME$$



NOTES:

1. SOUNDINGS SHOWN INDICATE ALL CHANGES OR CRITICAL POINTS IN THE RIVERBED.
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3. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.
4. DATUM: HORIZONTAL = GA EAST, NAD 83
   VERTICAL = M.L.W. (MLW - 0.22' = MLLW)

US ARMY CORPS OF ENGINEERS SAVANNAH

SYMBOL	DESCRIPTION	DATE	BY

PREPARED BY: SAVANNAH DISTRICT
APPROVED BY:
CHIEF, ENGINEERING BRANCH

REVIEWED BY:
CHIEF, DESIGN SECTION
SOLICITATION NO.:
CONTRACT NO.:
CATEGORY CODE:

DESIGNED BY:
CHK BY:
DATE:
FILE NAME:
SIZE: D 22"X34"
PLOT SCALE:

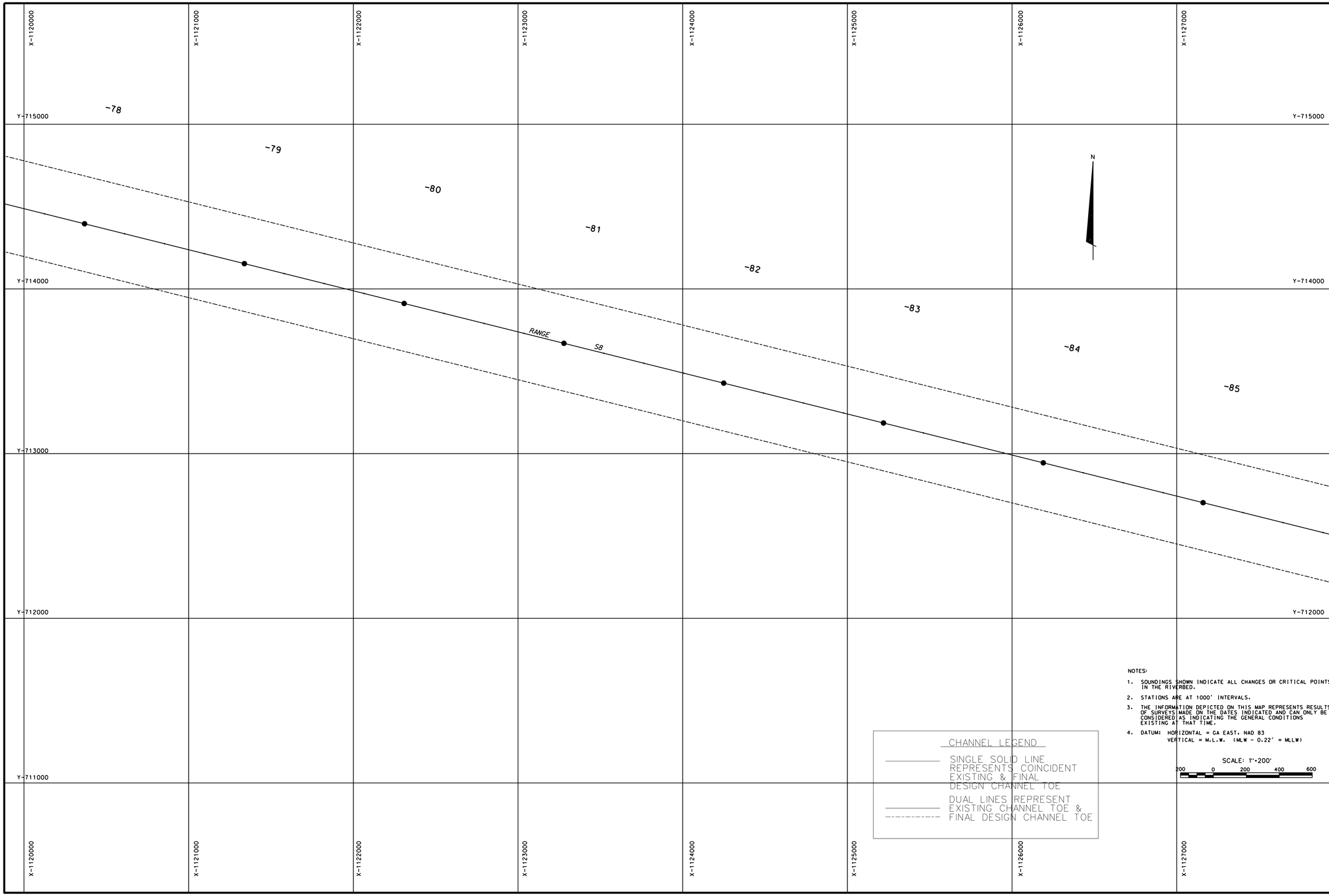
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
SAVANNAH DISTRICT

SAVANNAH HARBOR EXPANSION
SAVANNAH HARBOR, GEORGIA

TYBEE ROADS

PLATE REFERENCE NUMBER
30
SHEET

$$DGNSPEC$$
$$SYSTIME$$
$$USERNAME$$



NOTES:

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2. STATIONS ARE AT 1000' INTERVALS.
3. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.
4. DATUM: HORIZONTAL = GA EAST. NAD 83
   VERTICAL = M.L.W. (MLW - 0.22' = MLLW)

SCALE: 1"=200'

200 0 200 400 600

CHANNEL LEGEND

SINGLE SOLID LINE REPRESENTS COINCIDENT EXISTING & FINAL DESIGN CHANNEL TOE

DUAL LINES REPRESENT EXISTING CHANNEL TOE & FINAL DESIGN CHANNEL TOE

US ARMY CORPS OF ENGINEERS SAVANNAH

SYMBOL	DESCRIPTION	DATE	BY

PREPARED BY: SAVANNAH DISTRICT

APPROVED BY:

CHIEF, ENGINEERING BRANCH

REVIEWED BY:

CHIEF, DESIGN SECTION

SOLICITATION NO.:

CONTRACT NO.:

CATEGORY CODE:

DESIGNED BY:

CHK BY:

DATE:

FILE NAME:

SIZE: D 22"X34"

PLOT SCALE:

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
SAVANNAH DISTRICT

SAVANNAH HARBOR EXPANSION
SAVANNAH HARBOR, GEORGIA

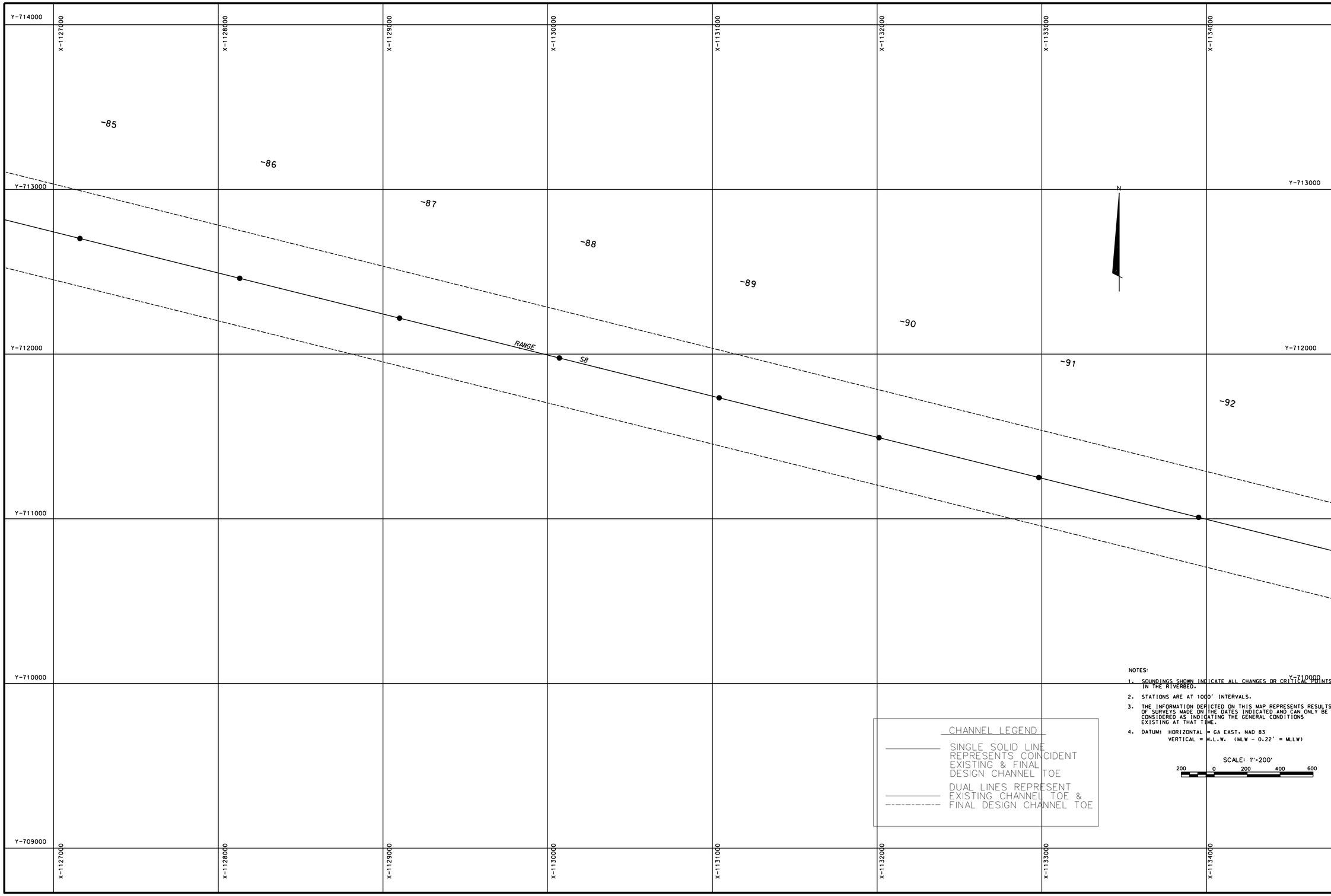
TYBEE ROADS

PLATE REFERENCE NUMBER

31

SHEET

$$DGNSPEC$$
$$STYLES$$
$$USERNAME$$



CHANNEL LEGEND

SINGLE SOLID LINE REPRESENTS COINCIDENT EXISTING & FINAL DESIGN CHANNEL TOE

DUAL LINES REPRESENT EXISTING CHANNEL TOE & FINAL DESIGN CHANNEL TOE

NOTES:

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4. DATUM: HORIZONTAL = GA EAST, NAD 83
   VERTICAL = M.L.W. (MLW - 0.22' = MLLW)

SCALE: 1"=200'

200 0 200 400 600

US ARMY CORPS OF ENGINEERS SAVANNAH

SYMBOL	DESCRIPTION	DATE	BY

PREPARED BY: SAVANNAH DISTRICT

APPROVED BY:

CHIEF, ENGINEERING BRANCH

REVIEWED BY:

CHIEF, DESIGN SECTION

SOLICITATION NO.:

CONTRACT NO.:

CATEGORY CODE:

DESIGNED BY:

CHK BY:

DATE:

FILE NAME:

PLOT SCALE:

SIZE: D 22"X34"

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
SAVANNAH DISTRICT

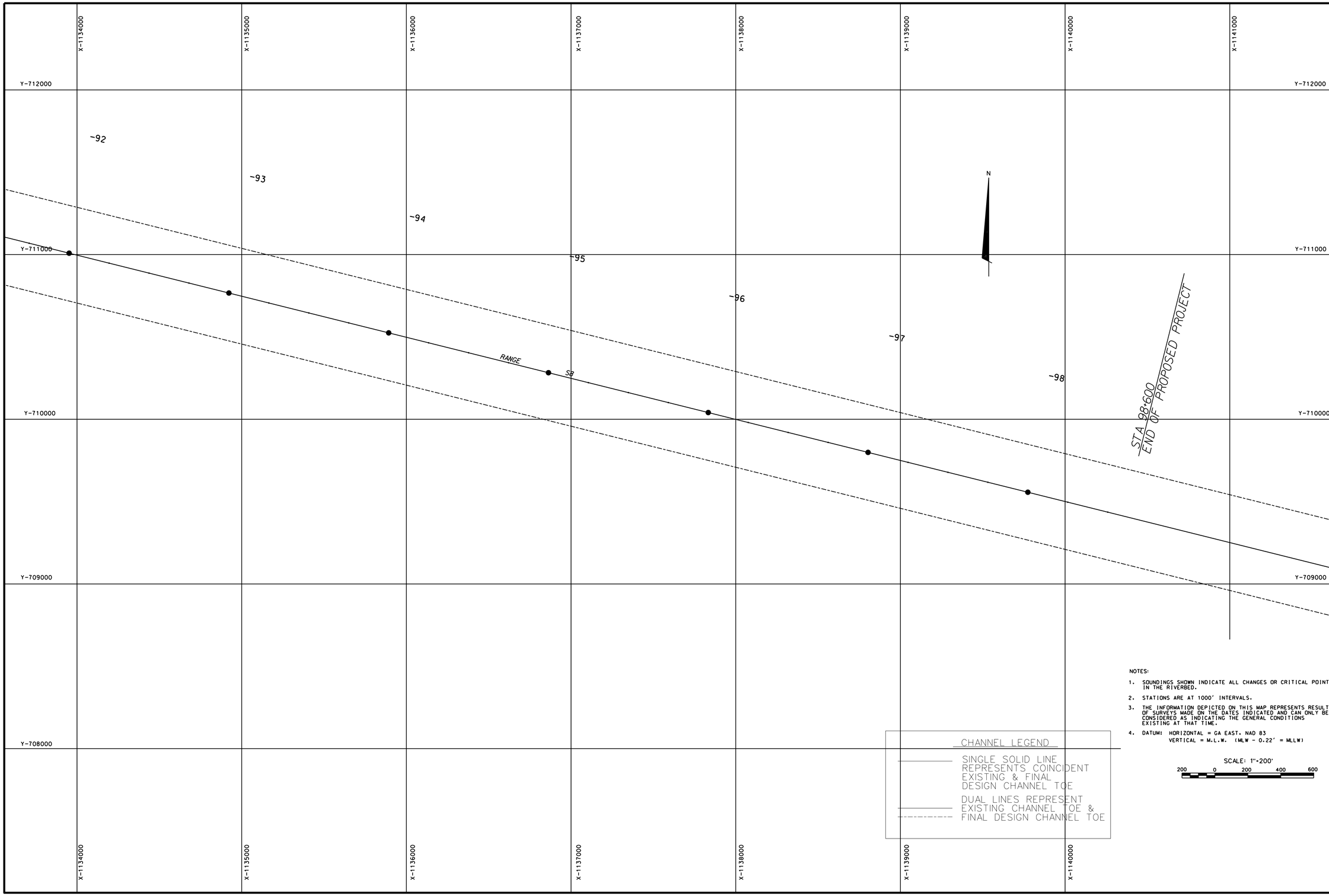
SAVANNAH HARBOR EXPANSION
SAVANNAH HARBOR, GEORGIA

TYBEE ROADS

PLATE REFERENCE NUMBER 32

SHEET

$$DGNSPEC$$
$$SCOSTUM$$
$$USERNAME$$



NOTES:

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3. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.
4. DATUM: HORIZONTAL = GA EAST, NAD 83
   VERTICAL = M.L.W. (MLW - 0.22' = MLLW)

SCALE: 1"=200'

200 0 200 400 600

CHANNEL LEGEND

SINGLE SOLID LINE REPRESENTS COINCIDENT EXISTING & FINAL DESIGN CHANNEL TOE

DUAL LINES REPRESENT EXISTING CHANNEL TOE & FINAL DESIGN CHANNEL TOE

US ARMY CORPS OF ENGINEERS SAVANNAH

SYMBOL	DESCRIPTION	DATE	BY

PREPARED BY: SAVANNAH DISTRICT

APPROVED BY:

CHIEF, ENGINEERING BRANCH

REVIEWED BY:

CHIEF, DESIGN SECTION

SOLICITATION NO.:

CONTRACT NO.:

CATEGORY CODE:

DESIGNED BY:

CHK BY:

DATE:

FILE NAME:

PLOT SCALE:

SIZE: D 22"X34"

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
SAVANNAH DISTRICT

SAVANNAH HARBOR EXPANSION
SAVANNAH HARBOR, GEORGIA

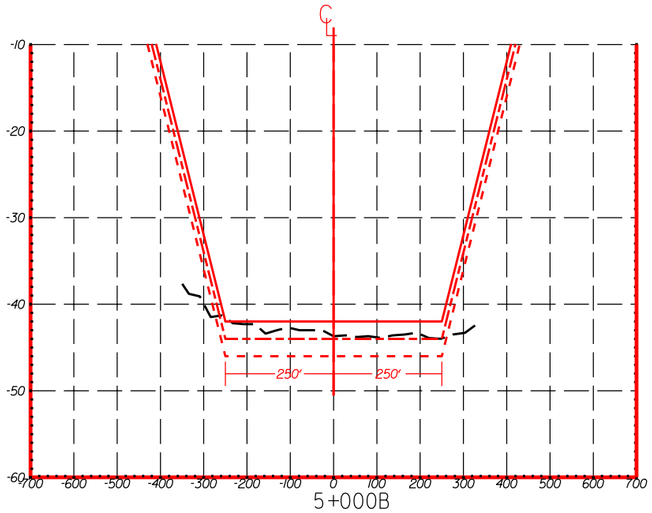
TYBEE ROADS

PLATE REFERENCE NUMBER

33

SHEET

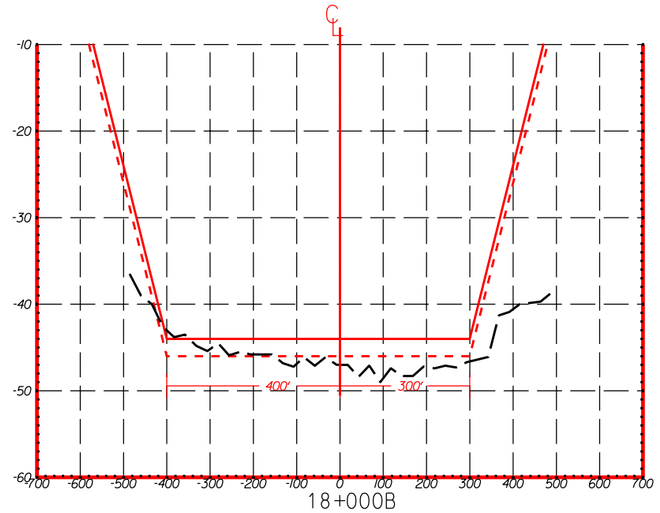
$$DGNSPEC$$
$$USERNAME$$
$$USERNAME$$



TYPICAL SECTION
STA 14+000B TO 0+000

42' PROJECT

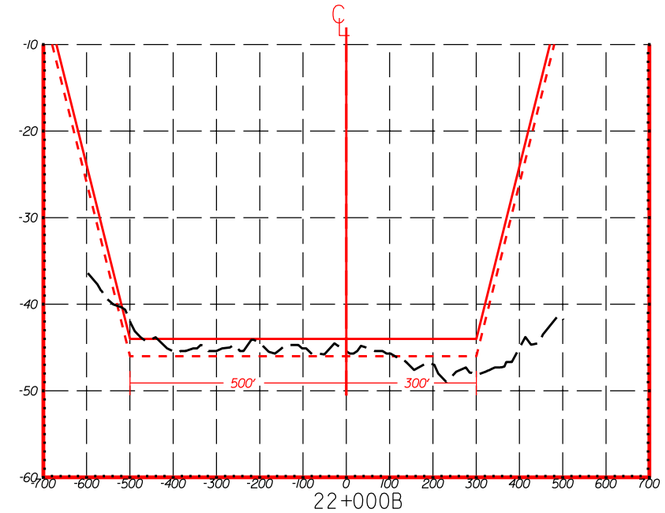
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



TYPICAL SECTION
STA 60+000B TO 14+000B

42' PROJECT

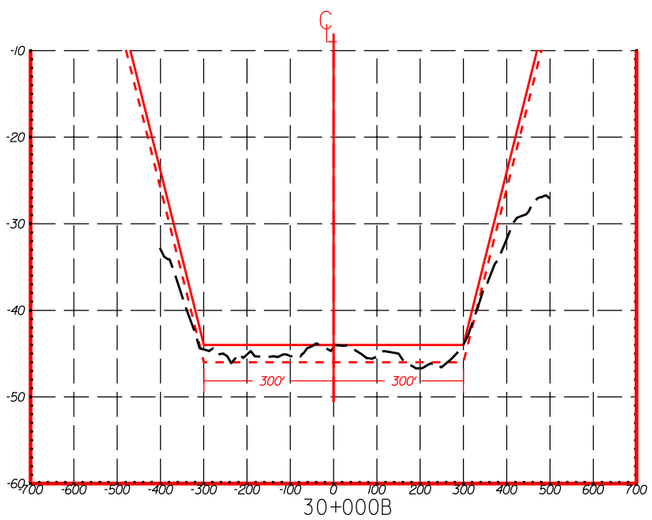
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



TYPICAL SECTION
STA 60+000B TO 14+000B

42' PROJECT

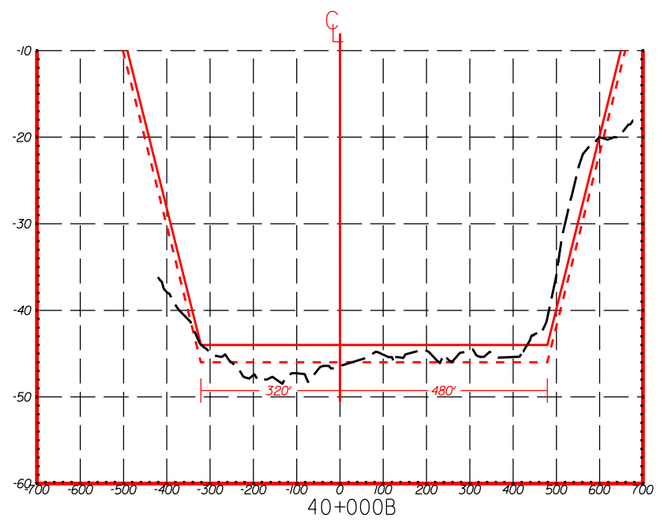
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



TYPICAL SECTION
STA 60+000B TO 14+000B

42' PROJECT

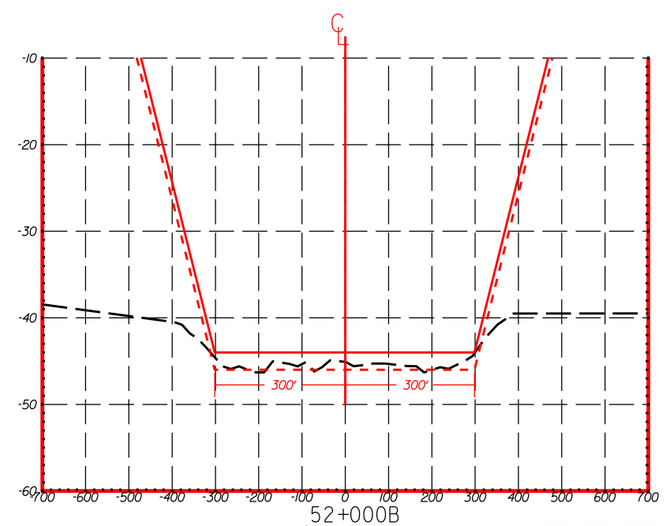
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



TYPICAL SECTION
STA 60+000B TO 14+000B

42' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

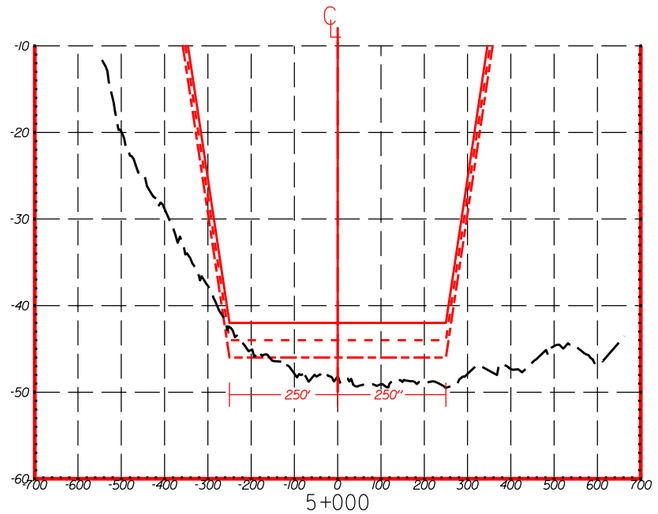


TYPICAL SECTION
STA 60+000B TO 14+000B

42' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

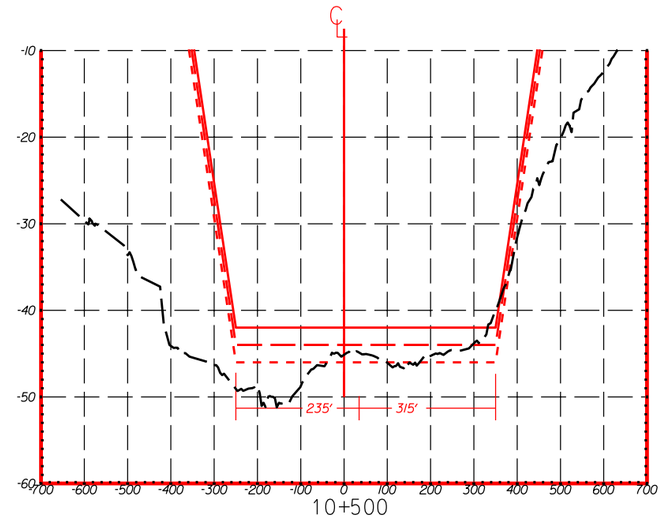
TYPICAL SECTIONS (LOOKING UPSTREAM)
CURRENTLY AUTHORIZED PROJECT
STATIONS 5+000B TO 52+000B



TYPICAL SECTION
STA 0+000 TO 24+000

42' PROJECT

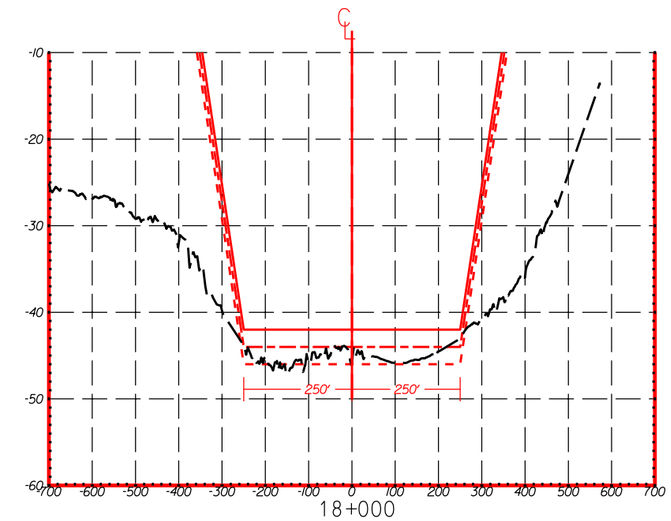
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



TYPICAL SECTION
STA 0+000 TO 24+000

42' PROJECT

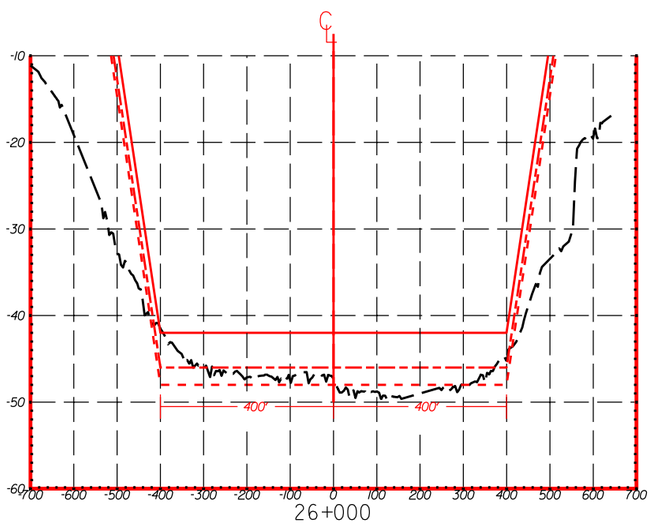
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



TYPICAL SECTION
STA 0+000 TO 24+000

42' PROJECT

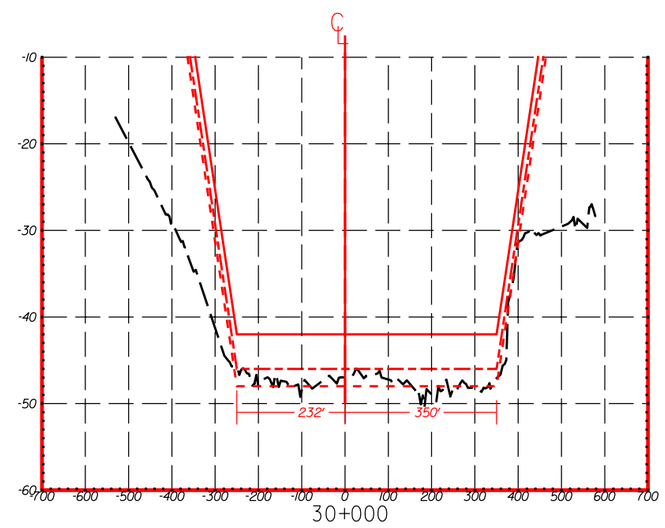
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



TYPICAL SECTION
STA 24+000 TO 35+000

42 PROJECT

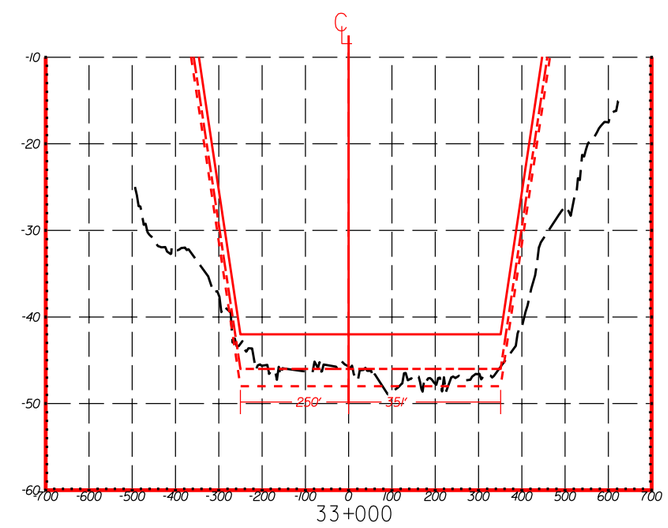
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



TYPICAL SECTION
STA 24+000 TO 35+000

42' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

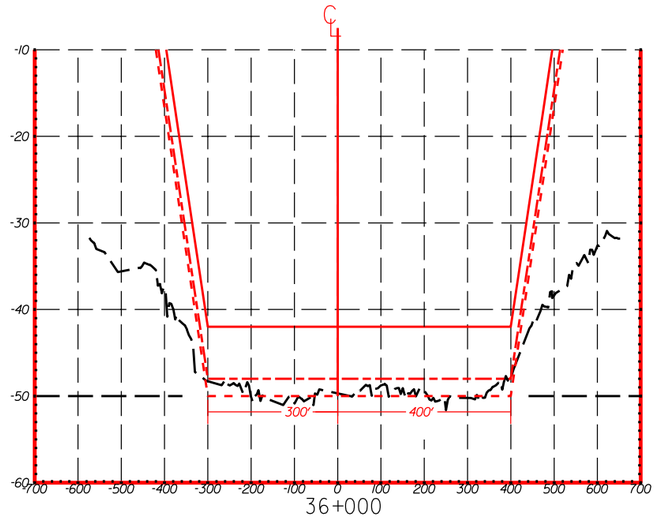


TYPICAL SECTION
STA 24+000 TO 35+000

42' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

TYPICAL SECTIONS (LOOKING UPSTREAM)
CURRENTLY AUTHORIZED PROJECT
STATIONS 5+000 TO 33+000

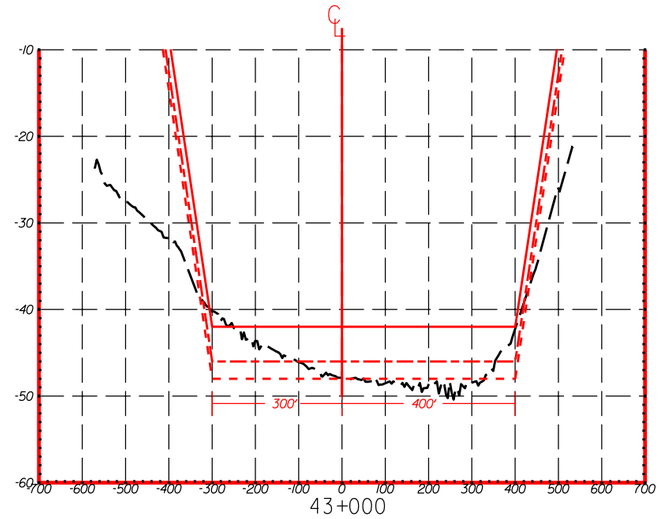


36+000

TYPICAL SECTION
STA 35+000 TO 37+000

42' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

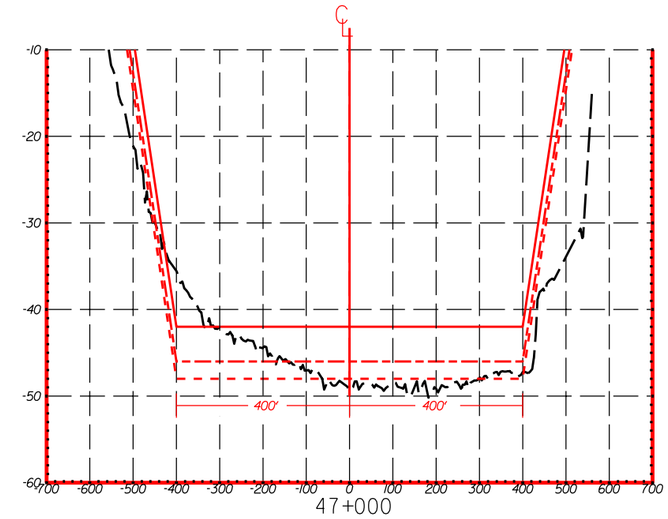


43+000

TYPICAL SECTION
STA 37+000 TO 70+000

42' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

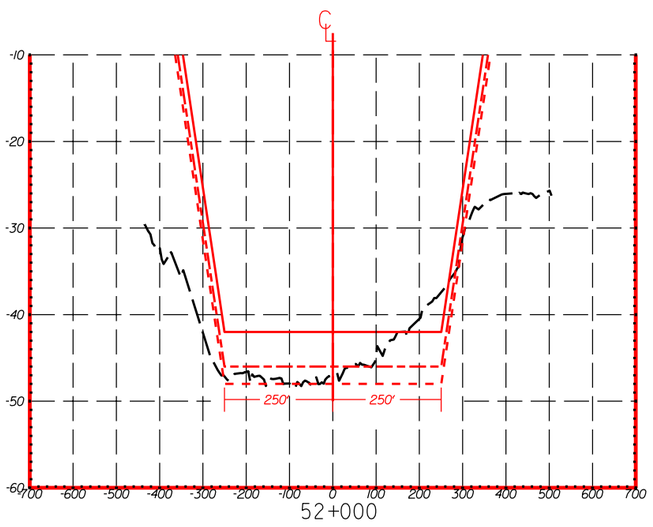


47+000

TYPICAL SECTION
STA 37+000 TO 70+000

42' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



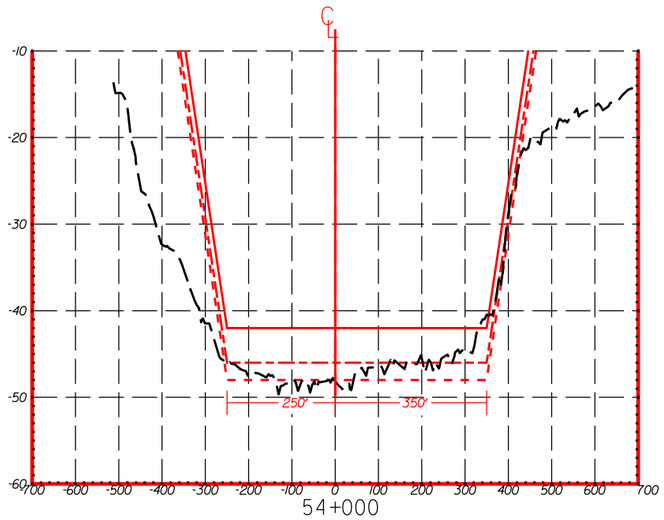
52+000

TYPICAL SECTION
STA 37+000 TO 70+000

42' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

TYPICAL SECTIONS (LOOKING UPSTREAM)
CURRENTLY AUTHORIZED PROJECT
STATIONS 36+000 TO 52+000

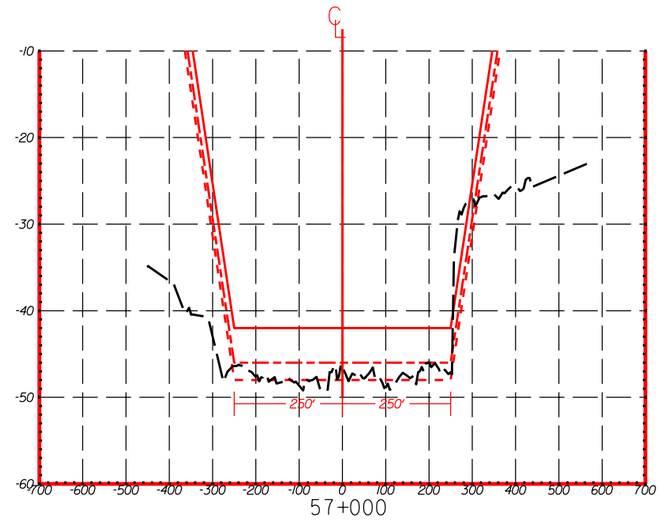


54+000

TYPICAL SECTION
STA 37+000 TO 70+000

42' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

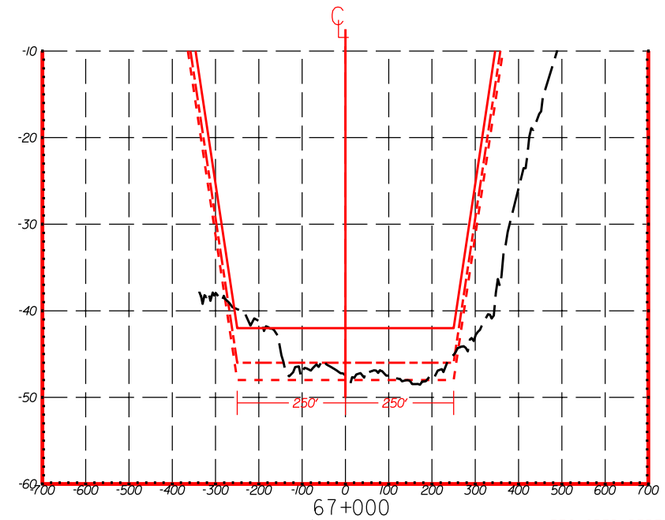


57+000

TYPICAL SECTION
STA 37+000 TO 70+000

42' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

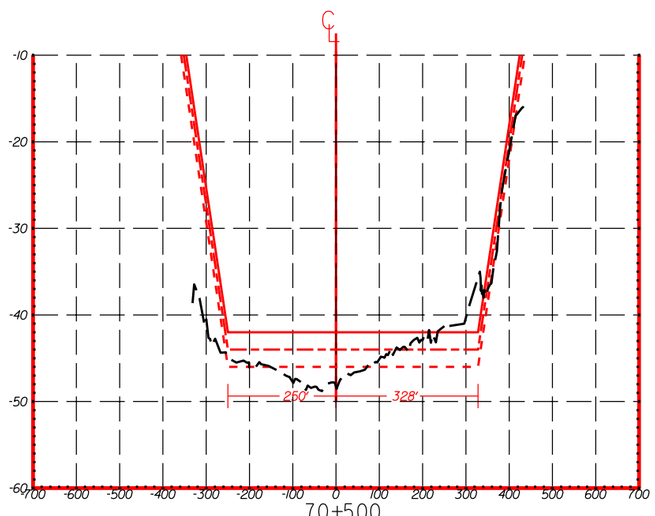


67+000

TYPICAL SECTION
STA 37+000 TO 70+000

42' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

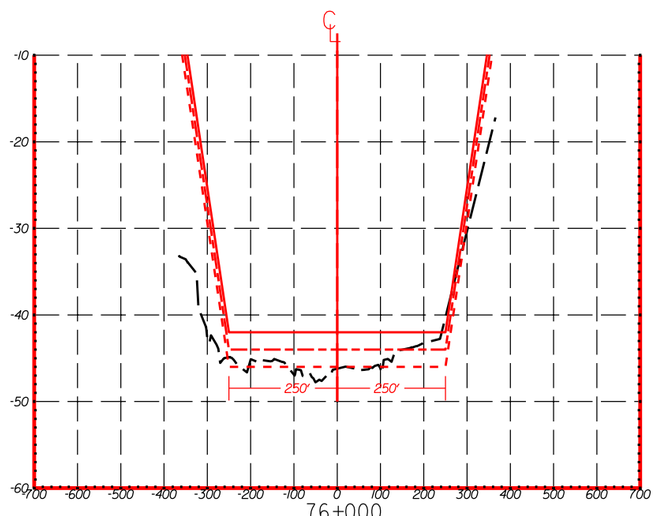


70+500

TYPICAL SECTION
STA 70+000 TO 102+000

42' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

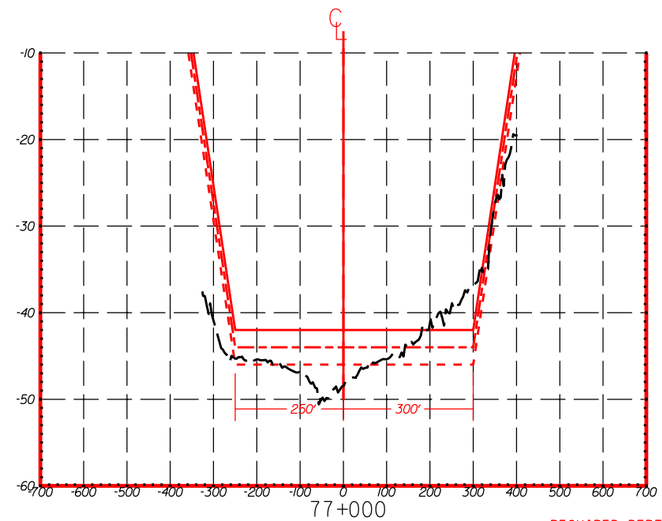


76+000

TYPICAL SECTION
STA 70+000 TO 102+000

42' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



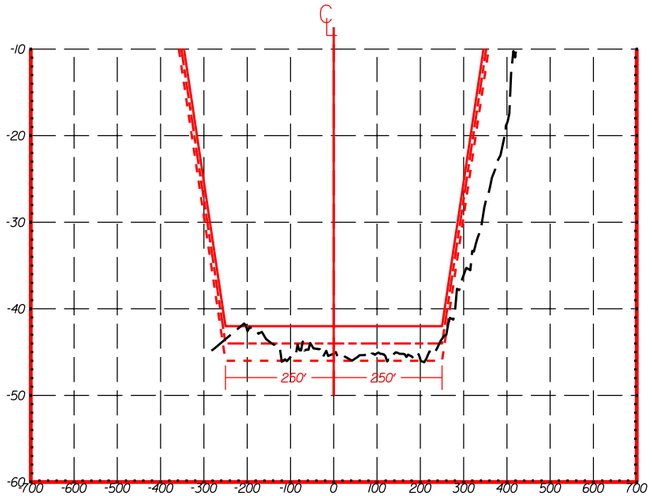
77+000

TYPICAL SECTION
STA 70+000 TO 102+000

42' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

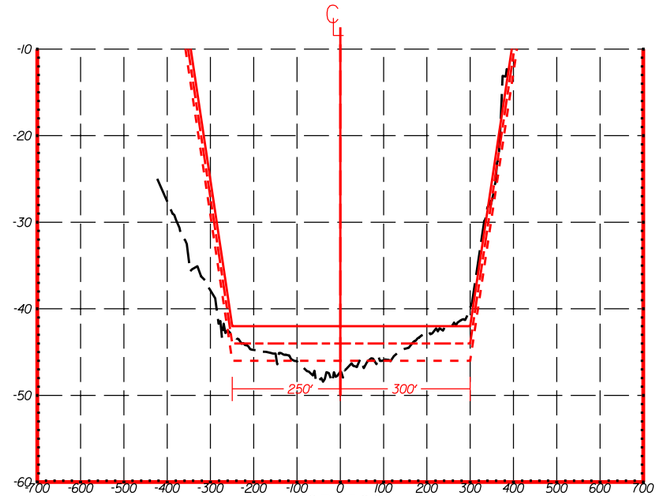
TYPICAL SECTIONS (LOOKING UPSTREAM)
CURRENTLY AUTHORIZED PROJECT
STATIONS 54+000TO 77+000



80+000
42' PROJECT

TYPICAL SECTION
STA 70+000 TO 102+000

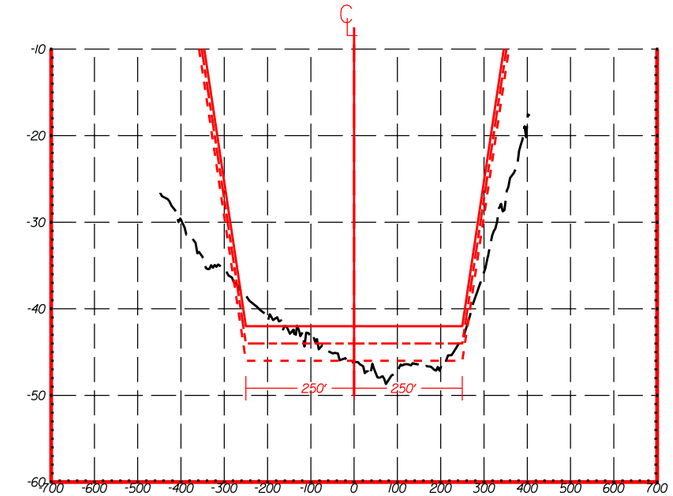
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



87+500
42' PROJECT

TYPICAL SECTION
STA 70+000 TO 102+000

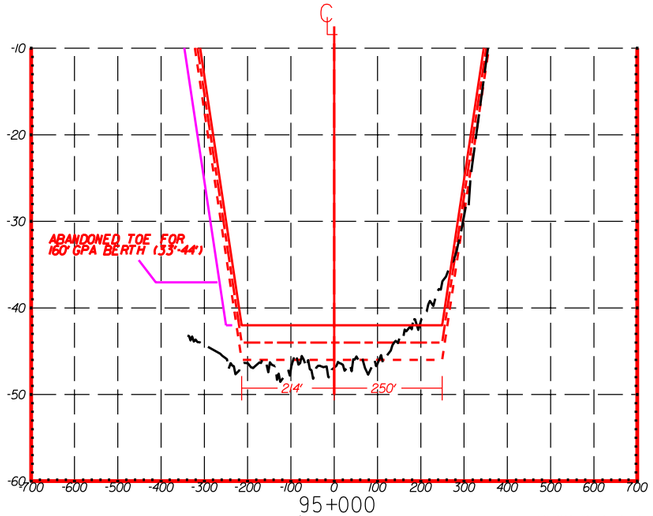
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



92+000
42' PROJECT

TYPICAL SECTION
STA 70+000 TO 102+000

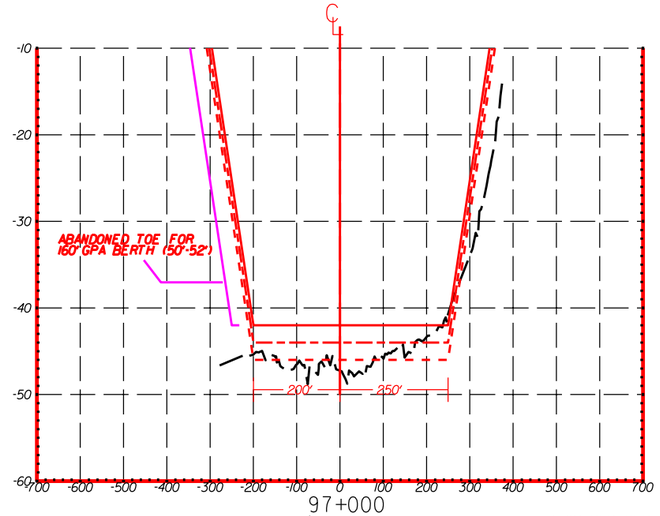
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



95+000
42' PROJECT

TYPICAL SECTION
STA 70+000 TO 102+000

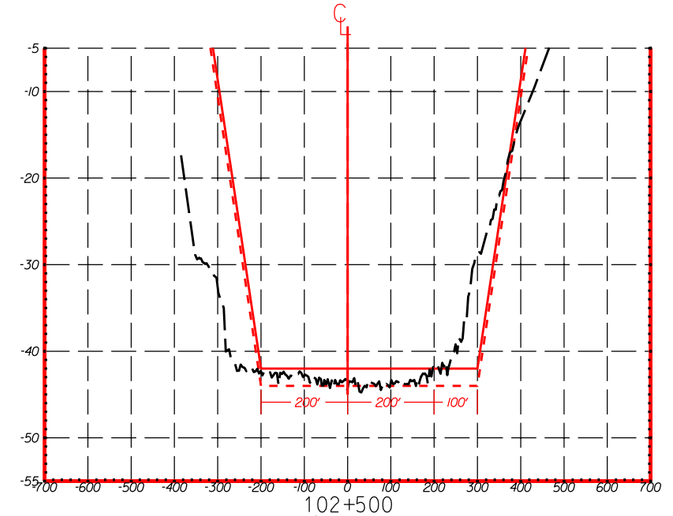
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



97+000
42' PROJECT

TYPICAL SECTION
STA 70+000 TO 102+000

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

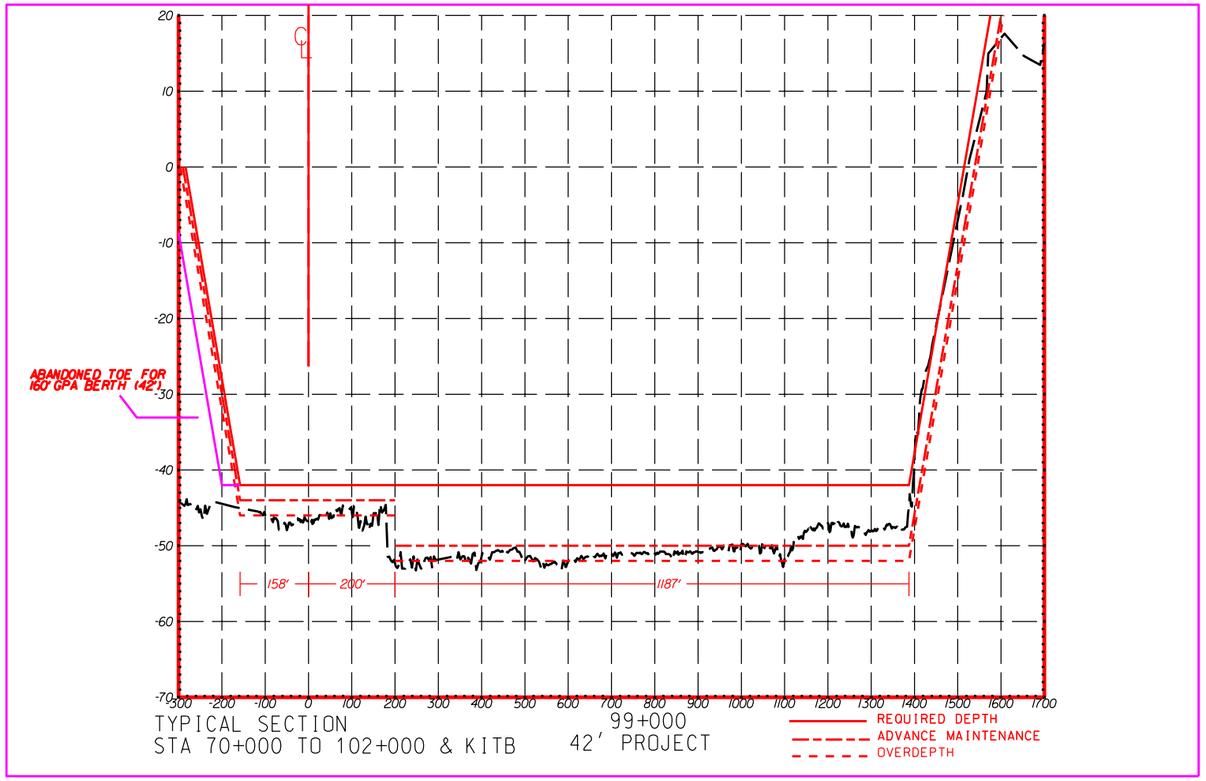


102+500
42' PROJECT

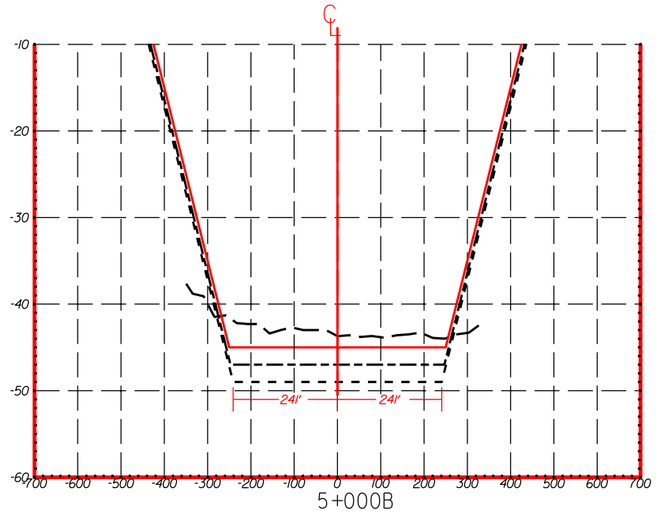
TYPICAL SECTION
STA 102+000 TO 103+000

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

TYPICAL SECTIONS (LOOKING UPSTREAM)
CURRENTLY AUTHORIZED PROJECT
STATIONS 80+000 TO 102+500



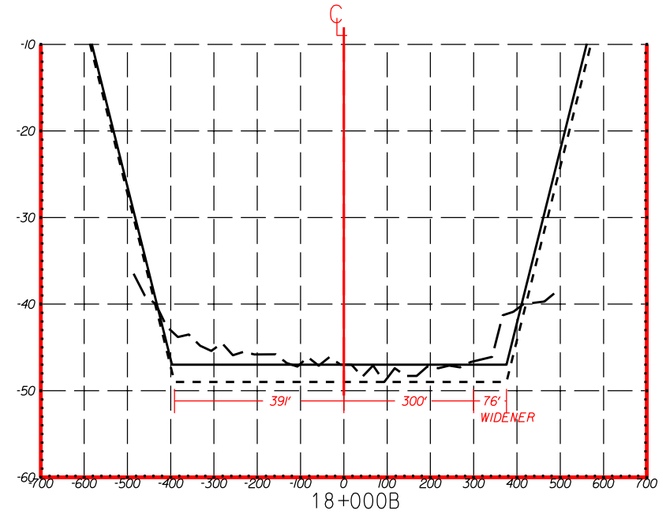
TYPICAL SECTION (LOOKING UPSTREAM)
CURRENTLY AUTHORIZED PROJECT
KINGS ISLAND TURNING BASIN



5+000B

TYPICAL SECTION 45' PROJECT
STA 14+000B TO 0+000

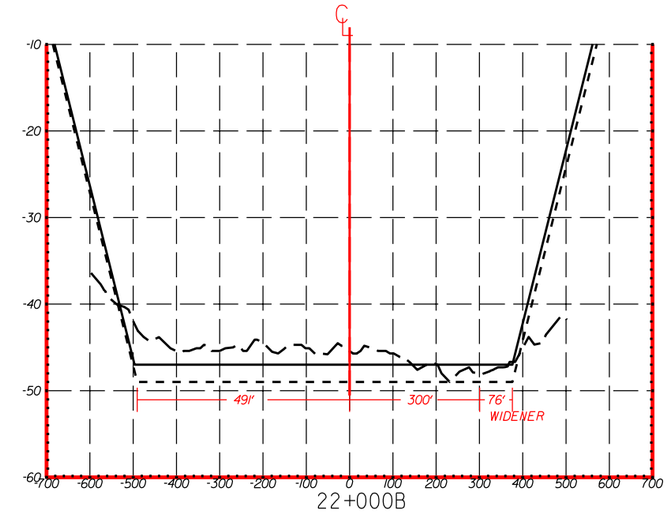
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



18+000B

TYPICAL SECTION 45' PROJECT
STA 60+000B TO 14+000B

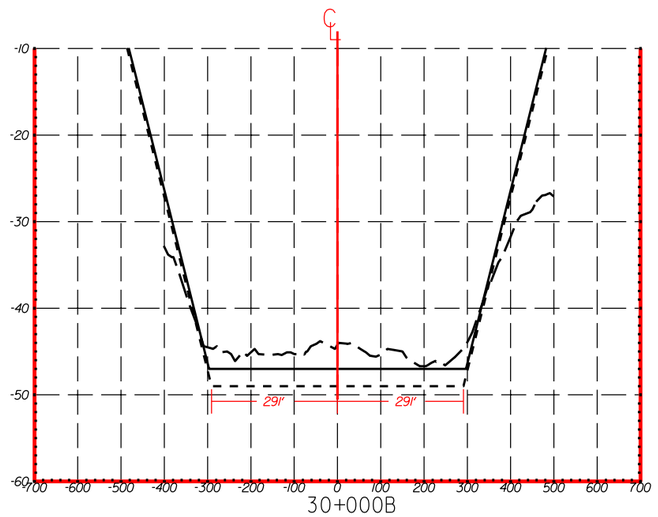
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



22+000B

TYPICAL SECTION 45' PROJECT
STA 60+000B TO 14+000B

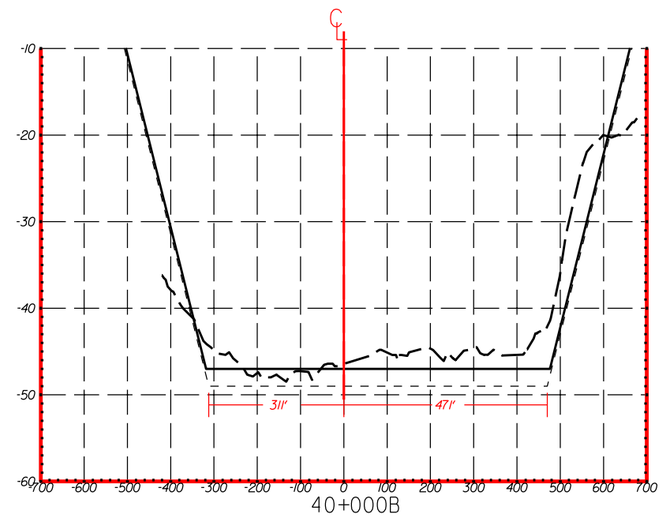
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



30+000B

TYPICAL SECTION 45' PROJECT
STA 60+000B TO 14+000B

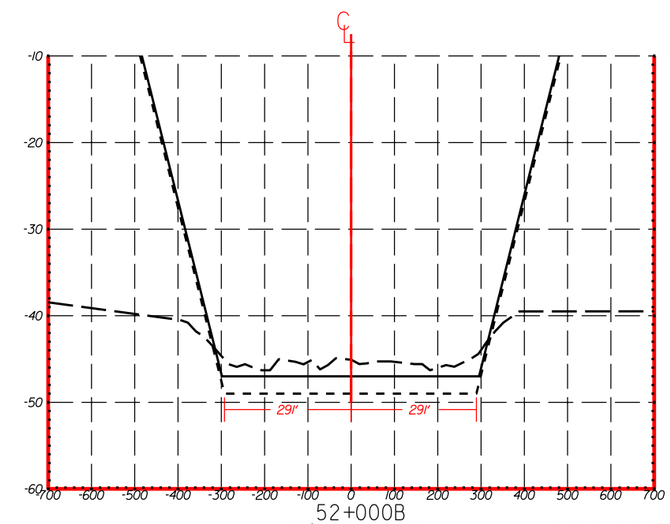
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



40+000B

TYPICAL SECTION 45' PROJECT
STA 60+000B TO 14+000B

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

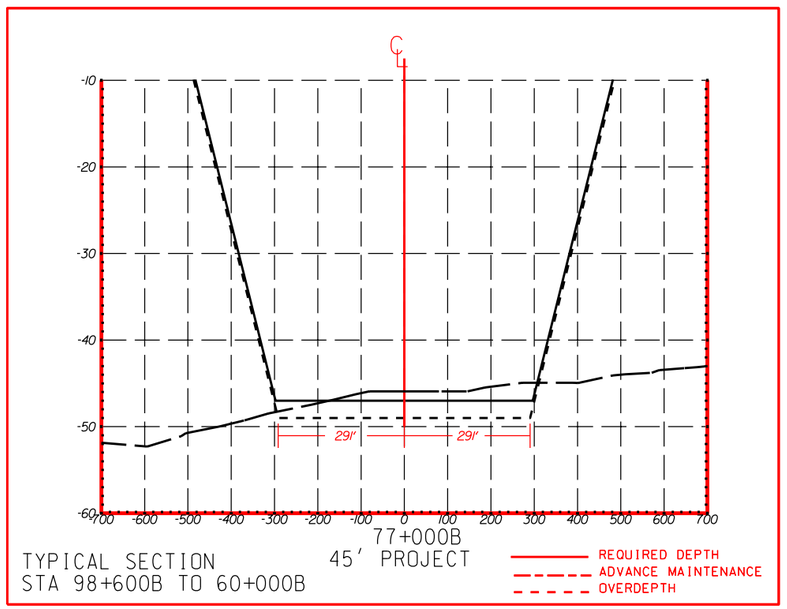


52+000B

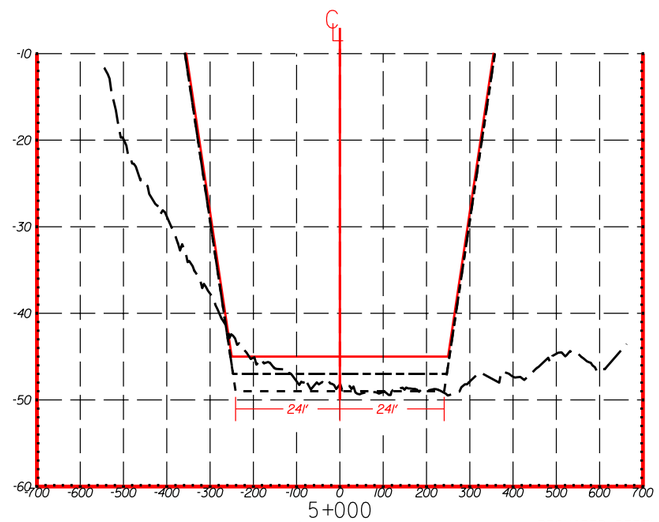
TYPICAL SECTION 45' PROJECT
STA 60+000B TO 14+000B

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

TYPICAL SECTIONS (LOOKING UPSTREAM)
45 FOOT PROJECT
STATIONS 5+000B TO 52+000B



TYPICAL SECTION (LOOKING UPSTREAM)
45 FOOT PROJECT
STATION 77+000B

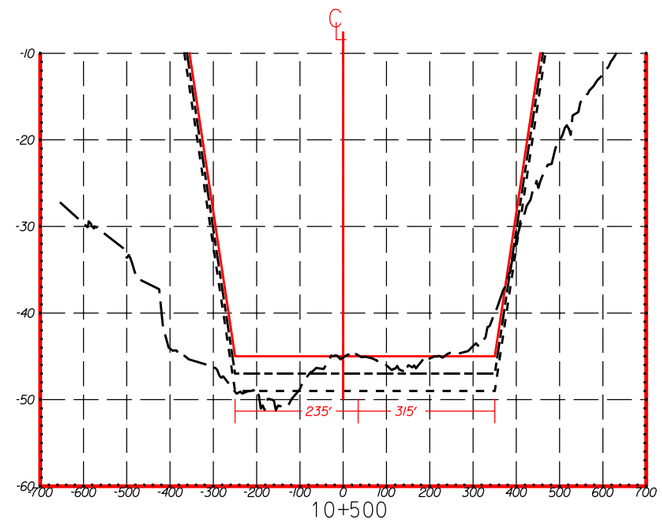


5+000

TYPICAL SECTION
STA 0+000 TO 24+000

45' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

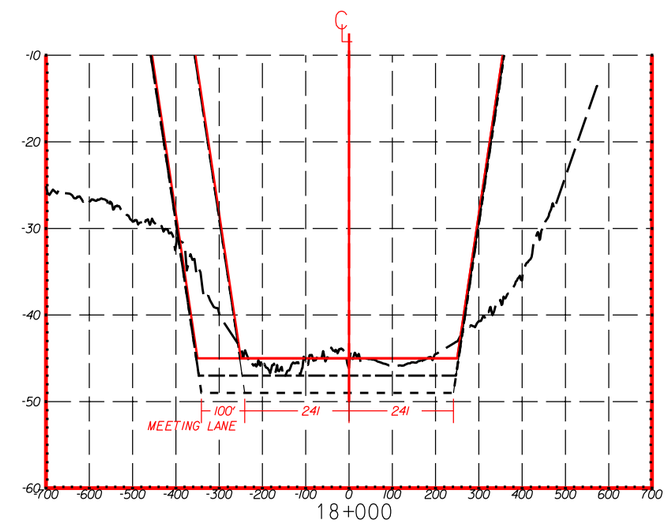


10+500

TYPICAL SECTION
STA 0+000 TO 24+000

45' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

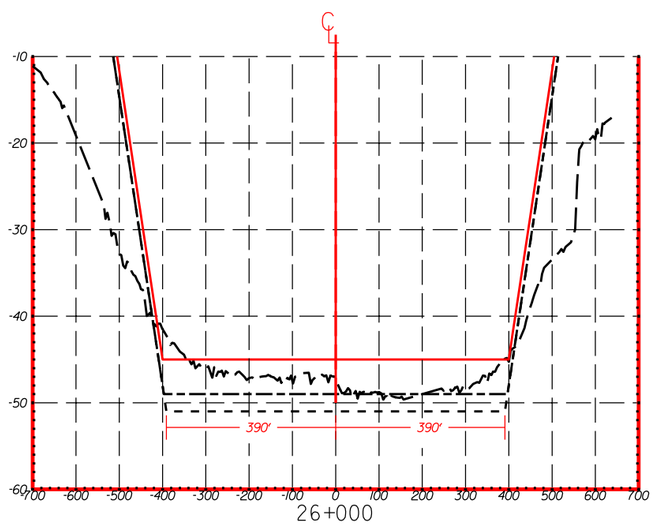


18+000

TYPICAL SECTION
STA 0+000 TO 24+000

45' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

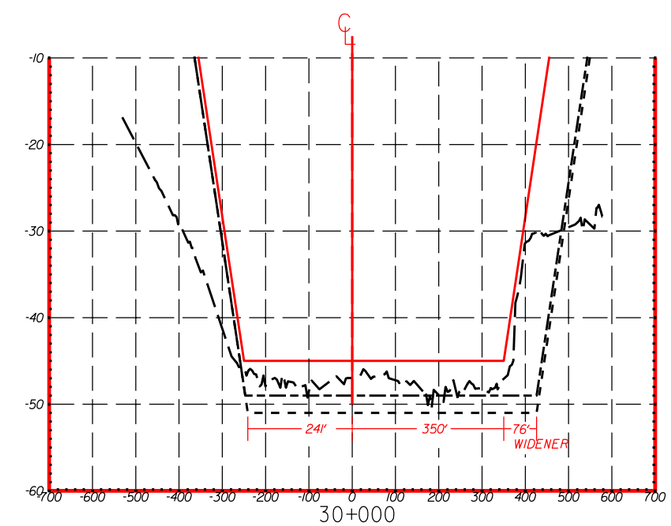


26+000

TYPICAL SECTION
STA 24+000 TO 35+000

45' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

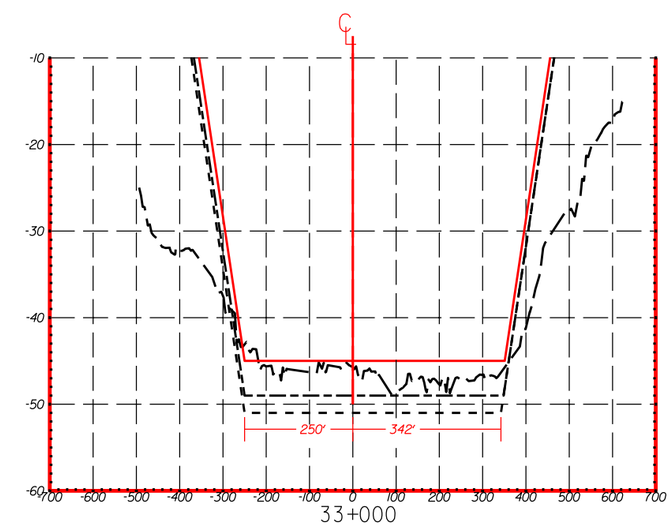


30+000

TYPICAL SECTION
STA 24+000 TO 35+000

45' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



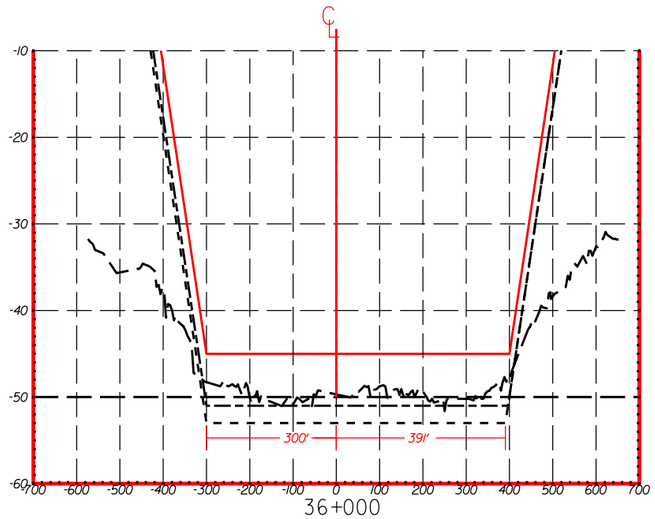
33+000

TYPICAL SECTION
STA 24+000 TO 35+000

45' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

TYPICAL SECTIONS (LOOKING UPSTREAM)
45 FOOT PROJECT
STATIONS 5+000 TO 33+000

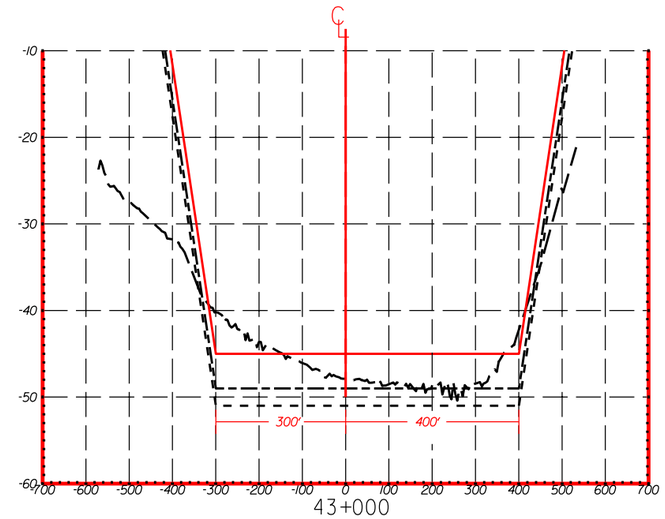


36+000

TYPICAL SECTION
STA 35+000 TO 37+000

45' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

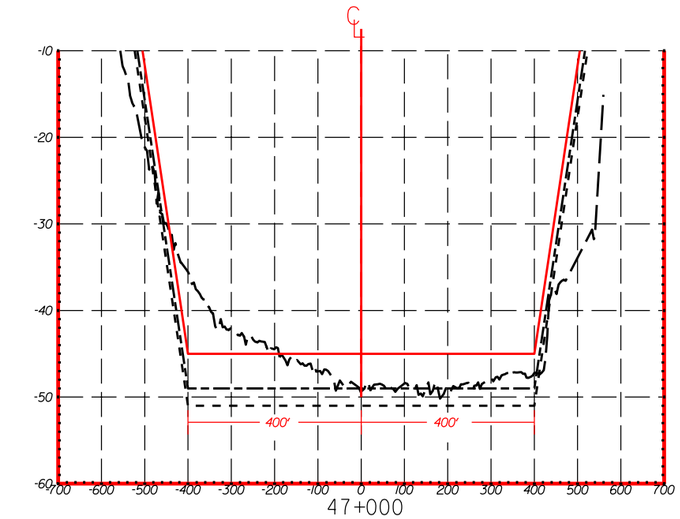


43+000

TYPICAL SECTION
STA 37+000 TO 70+000

45' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

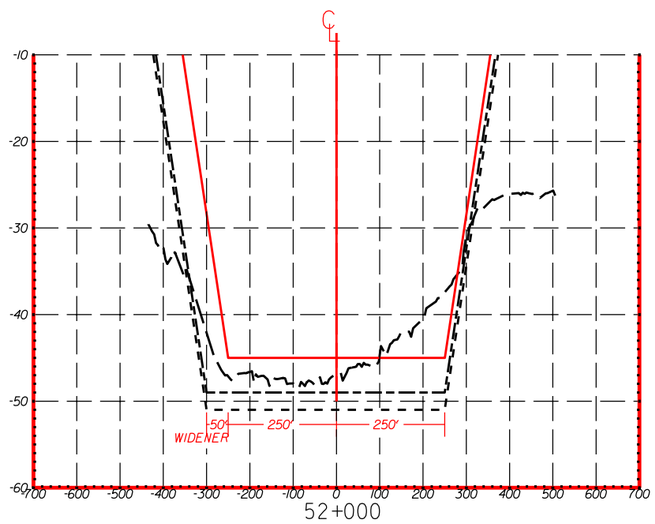


47+000

TYPICAL SECTION
STA 37+000 TO 70+000

45' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



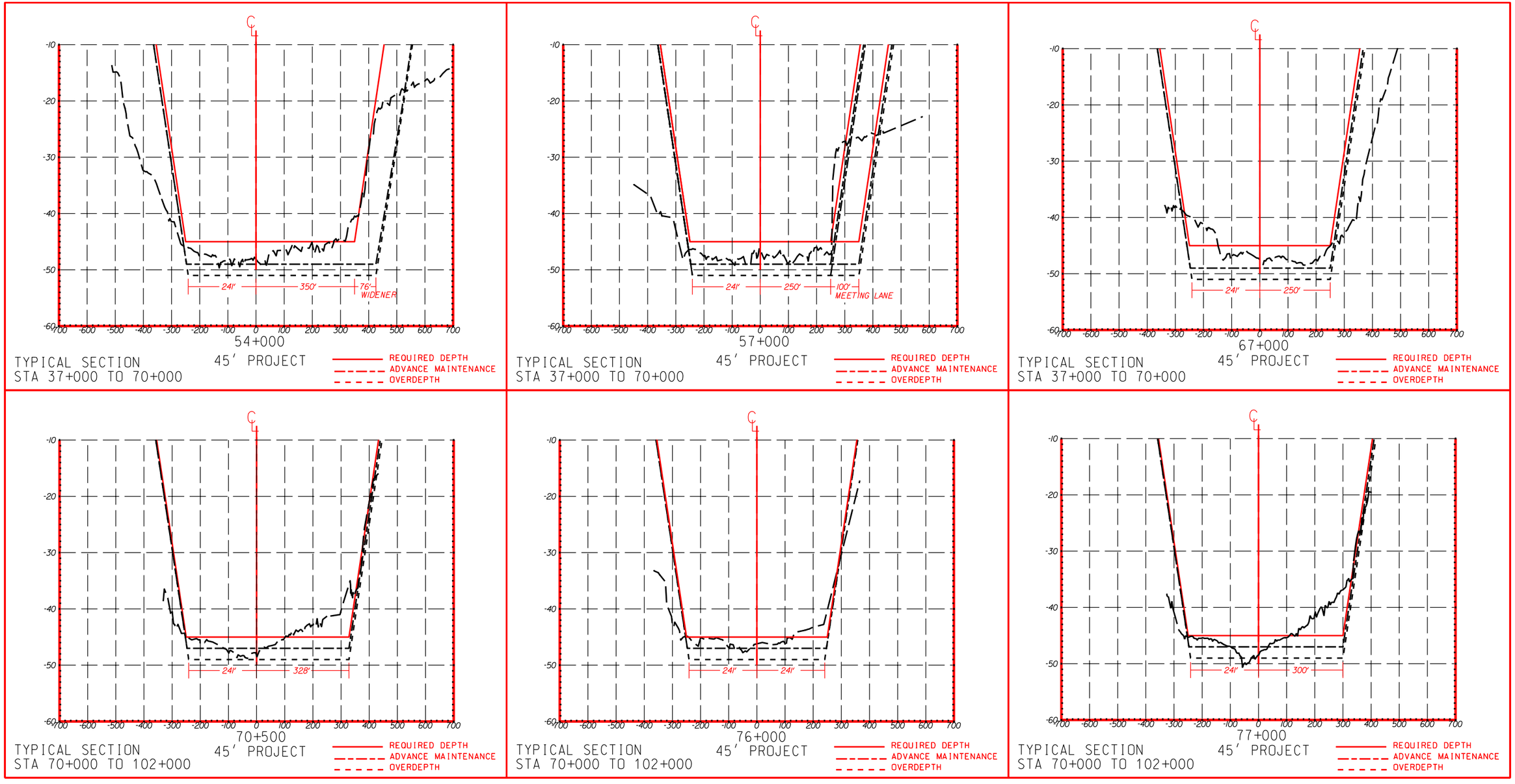
52+000

TYPICAL SECTION
STA 37+000 TO 70+000

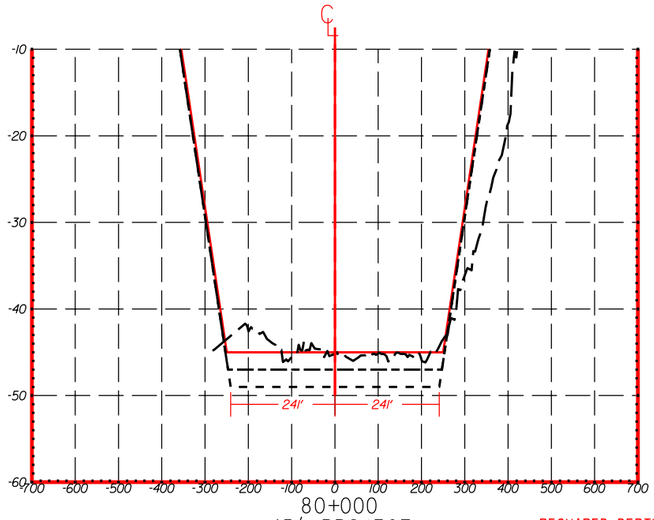
45' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

TYPICAL SECTIONS (LOOKING UPSTREAM)
45 FOOT PROJECT
STATIONS 36+000 TO 52+000



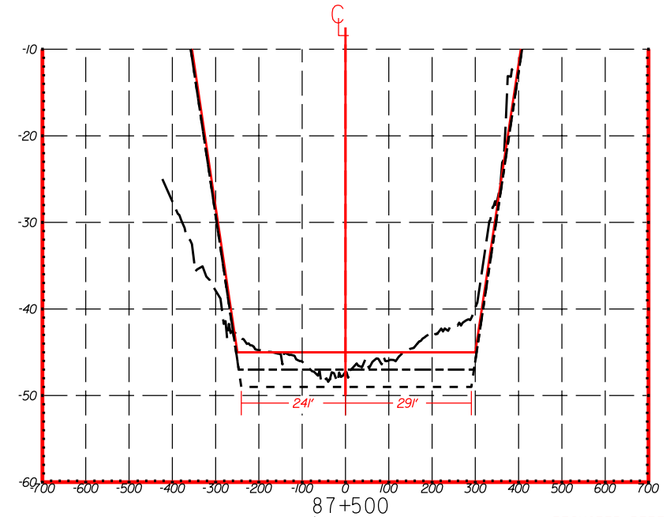
TYPICAL SECTIONS (LOOKING UPSTREAM)
45 FOOT PROJECT
STATIONS 54+000 TO 77+000



80+000
45' PROJECT

TYPICAL SECTION
STA 70+000 TO 102+000

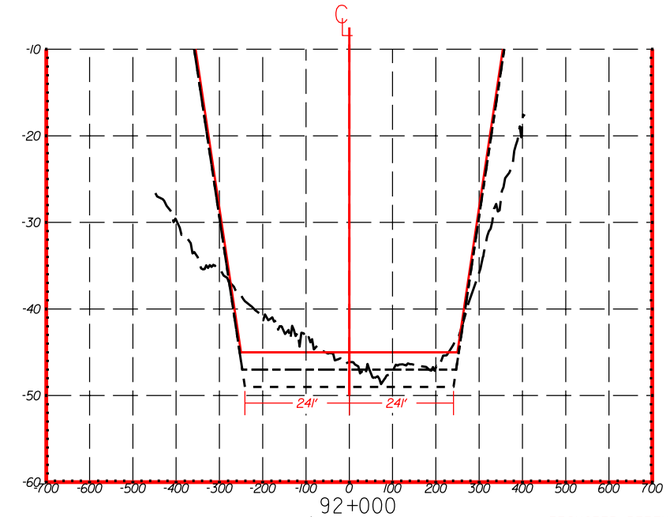
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



87+500
45' PROJECT

TYPICAL SECTION
STA 70+000 TO 102+000

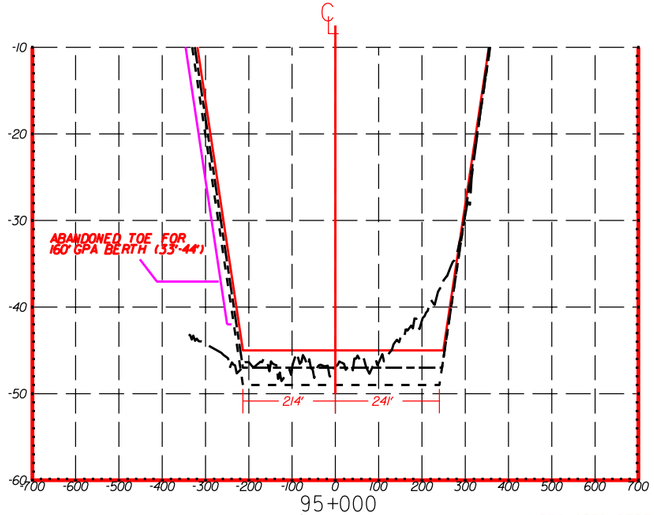
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



92+000
45' PROJECT

TYPICAL SECTION
STA 70+000 TO 102+000

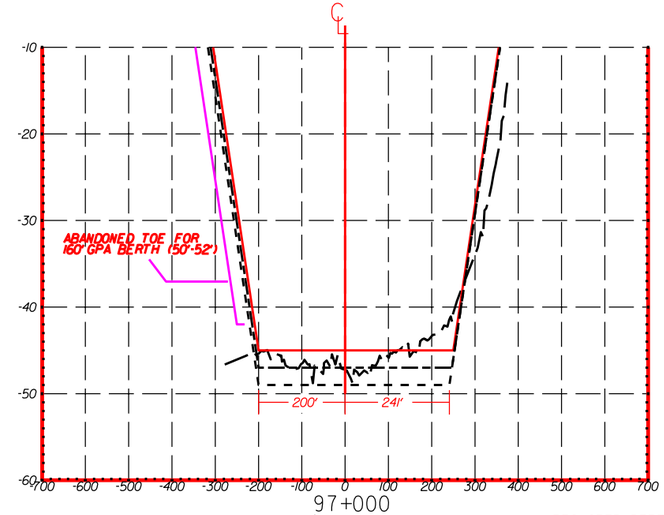
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



95+000
45' PROJECT

TYPICAL SECTION
STA 70+000 TO 102+000

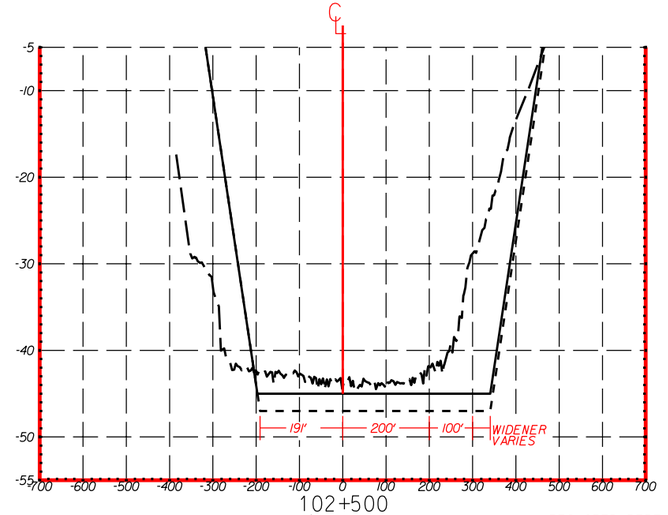
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



97+000
45' PROJECT

TYPICAL SECTION
STA 70+000 TO 102+000

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

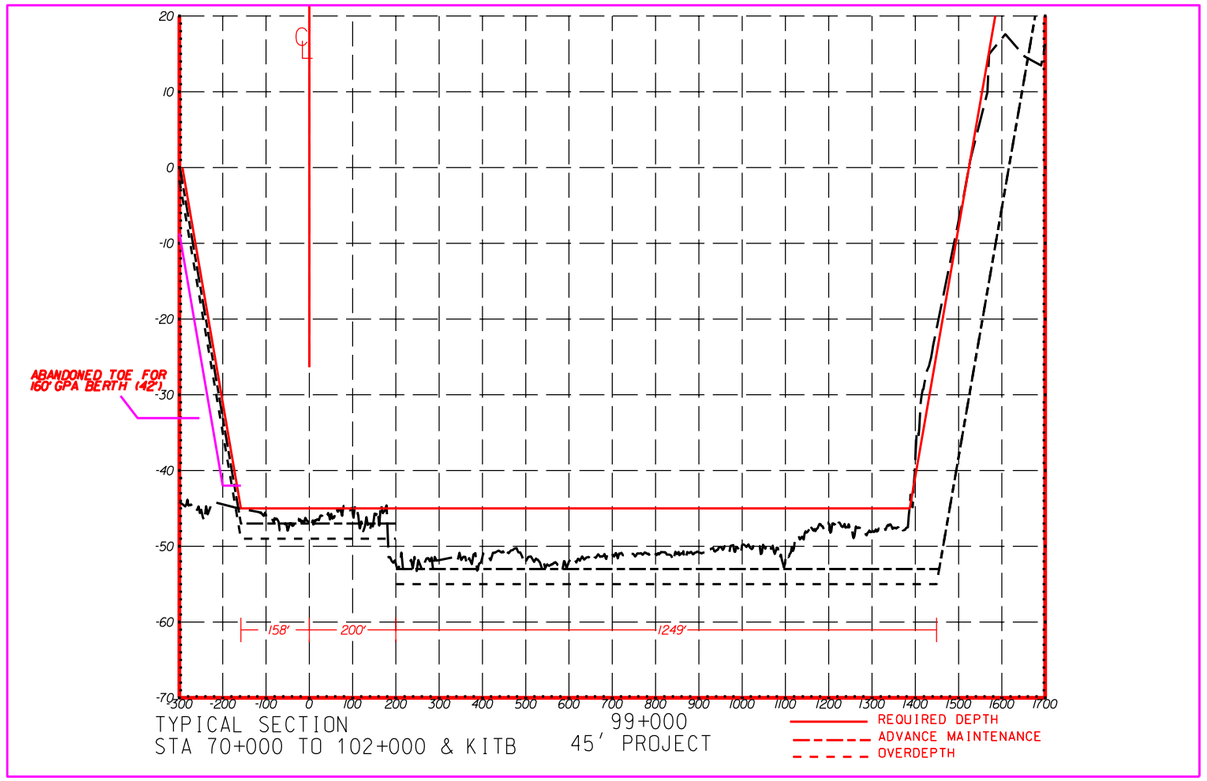


102+500
45' PROJECT

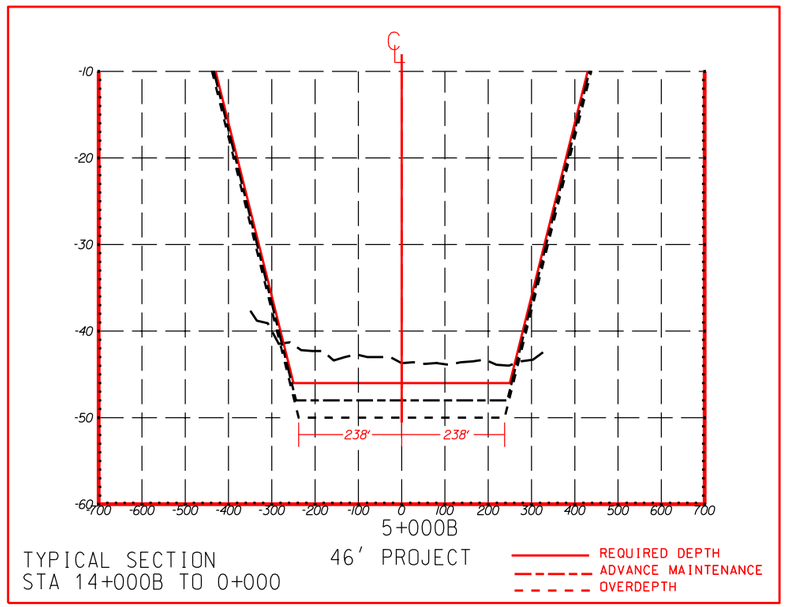
TYPICAL SECTION
STA 102+000 TO 103+000

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

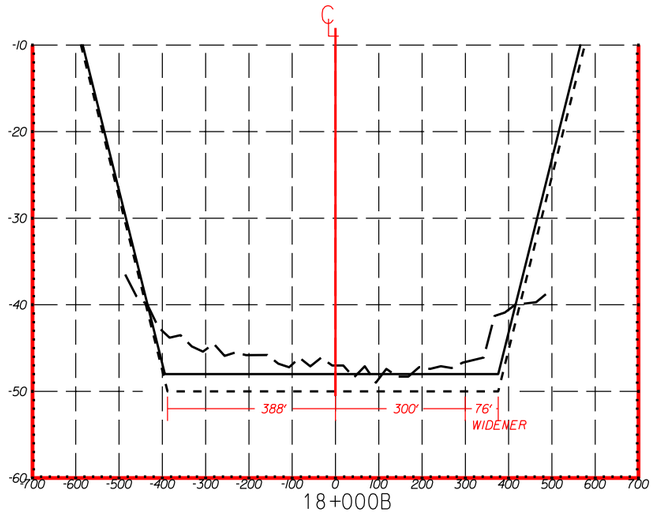
TYPICAL SECTIONS (LOOKING UPSTREAM)
45 FOOT PROJECT
STATIONS 80+000 TO 102+500



TYPICAL SECTION (LOOKING UPSTREAM)
45 FOOT PROJECT
KINGS ISLAND TURNING BASIN



TYPICAL SECTION (LOOKING UPSTREAM)
46 FOOT PROJECT
STATION 5+000B

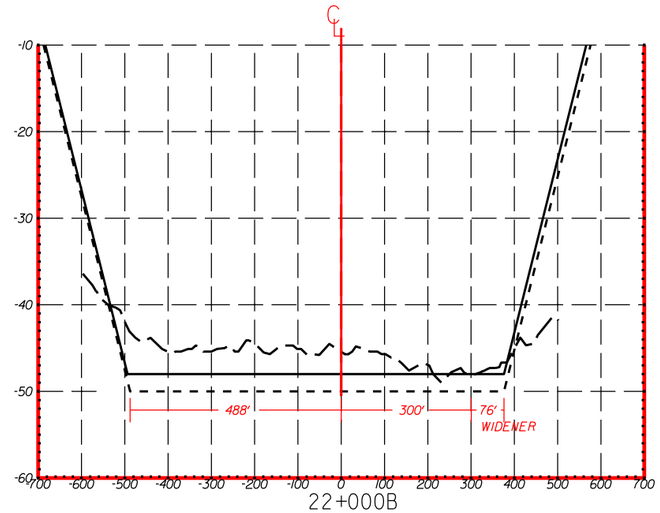


18+000B

TYPICAL SECTION
STA 60+000B TO 14+000B

46' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

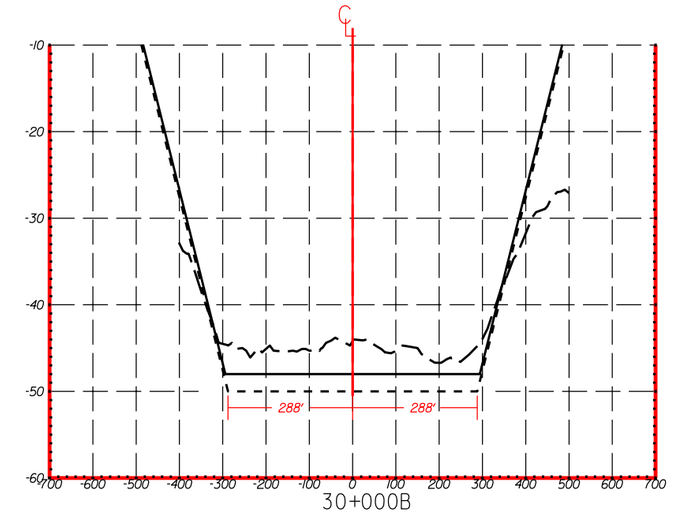


22+000B

TYPICAL SECTION
STA 60+000B TO 14+000B

46' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

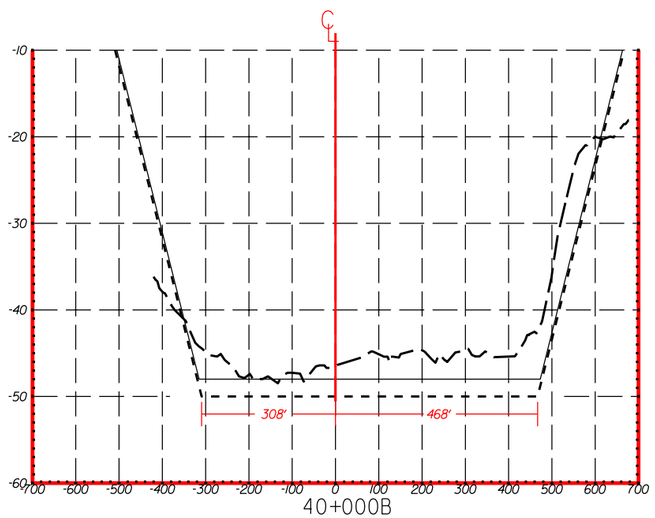


30+000B

TYPICAL SECTION
STA 60+000B TO 14+000B

46' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

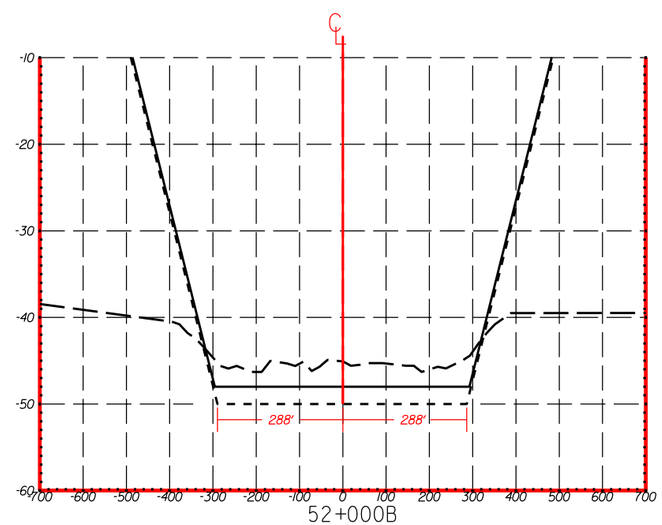


40+000B

TYPICAL SECTION
STA 60+000B TO 14+000B

46' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

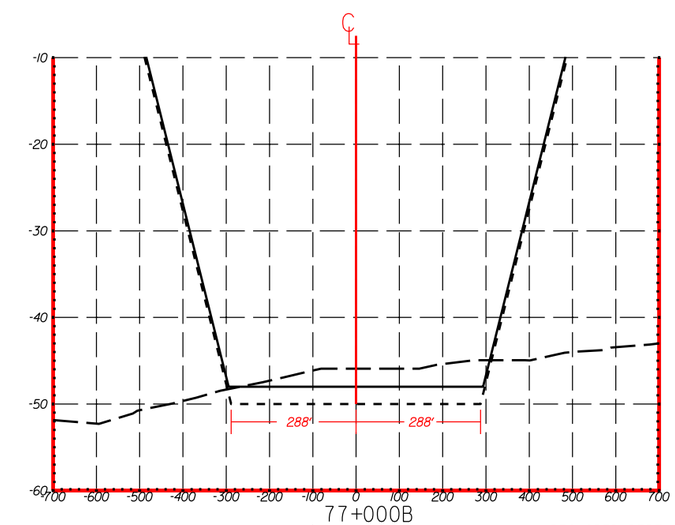


52+000B

TYPICAL SECTION
STA 60+000B TO 14+000B

46' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



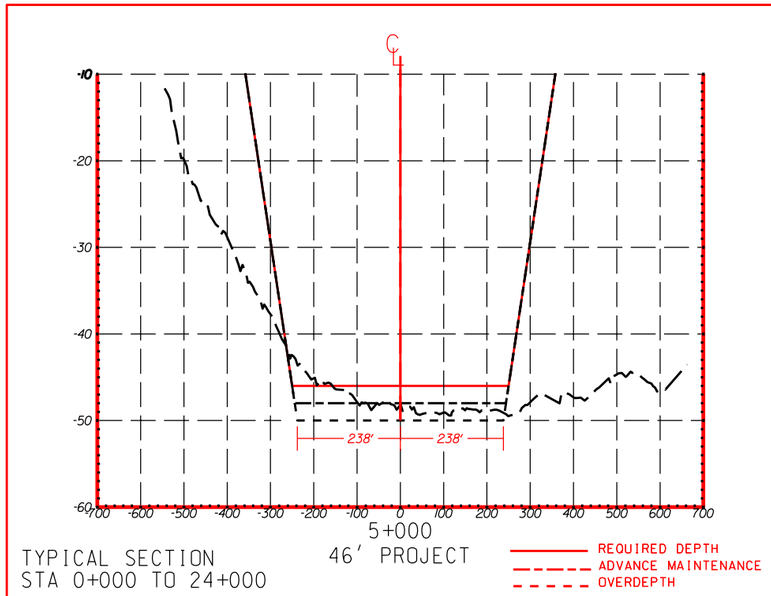
77+000B

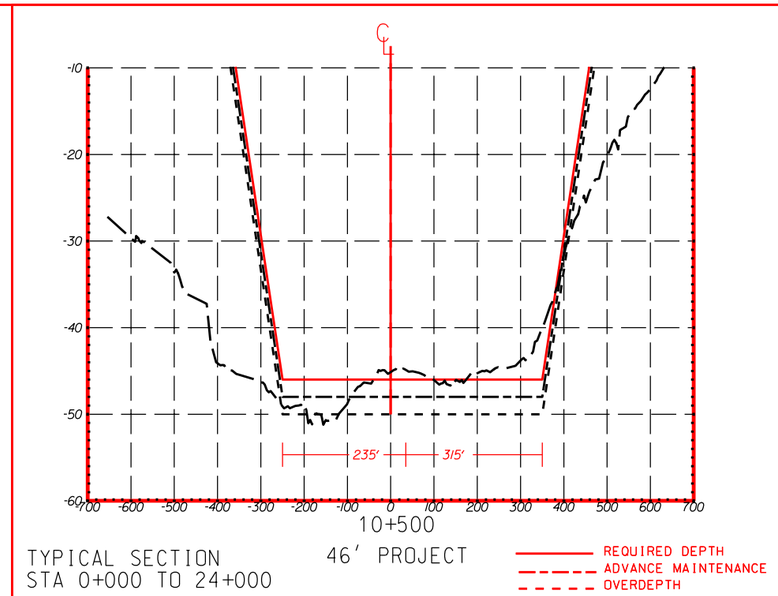
TYPICAL SECTION
STA 98+600B TO 60+000B

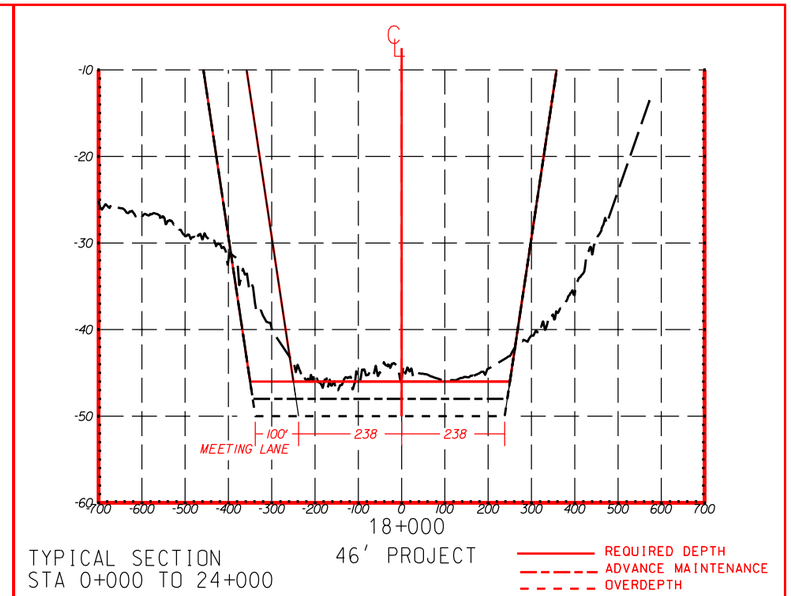
46' PROJECT

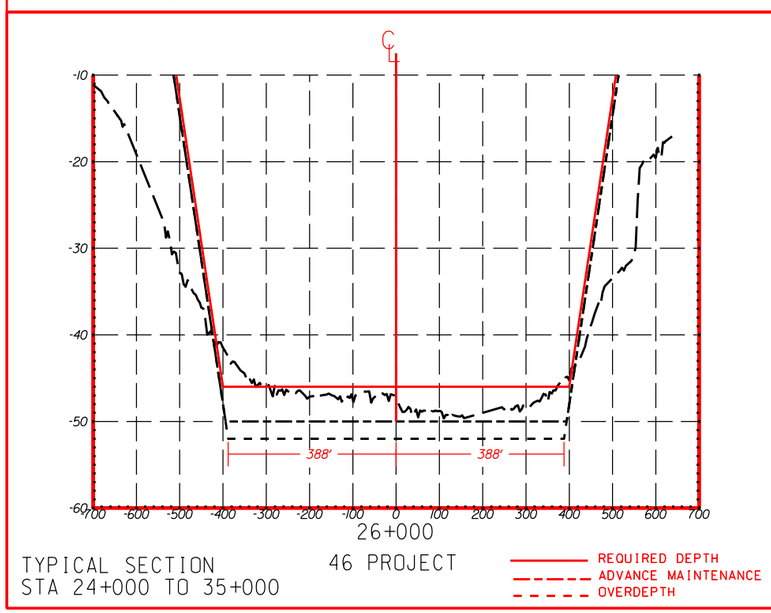
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

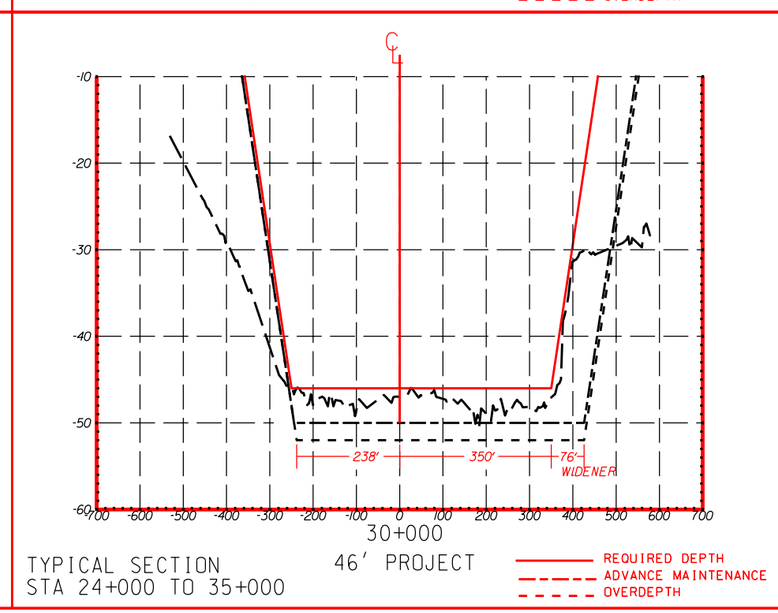
TYPICAL SECTIONS (LOOKING UPSTREAM)
46 FOOT PROJECT
STATIONS 18+000B TO 77+000B

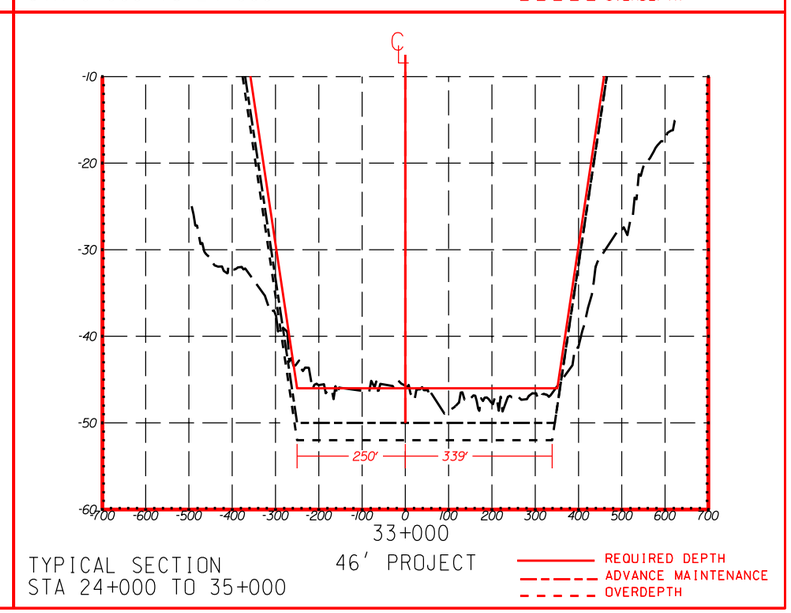




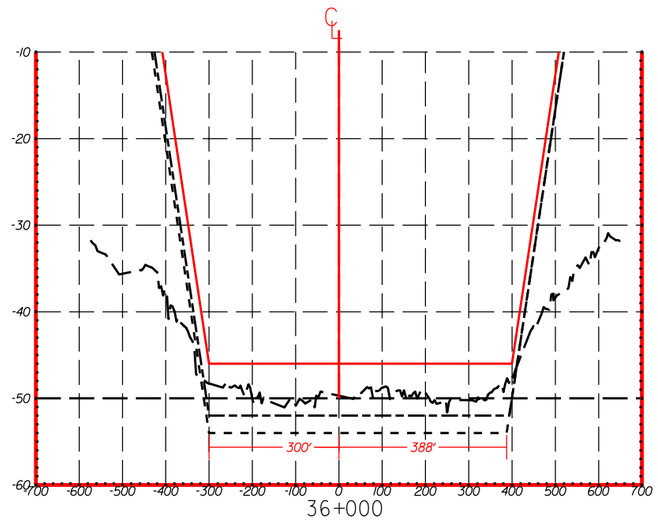








TYPICAL SECTIONS (LOOKING UPSTREAM)
46 FOOT PROJECT
STATIONS 5+000 TO 33+000

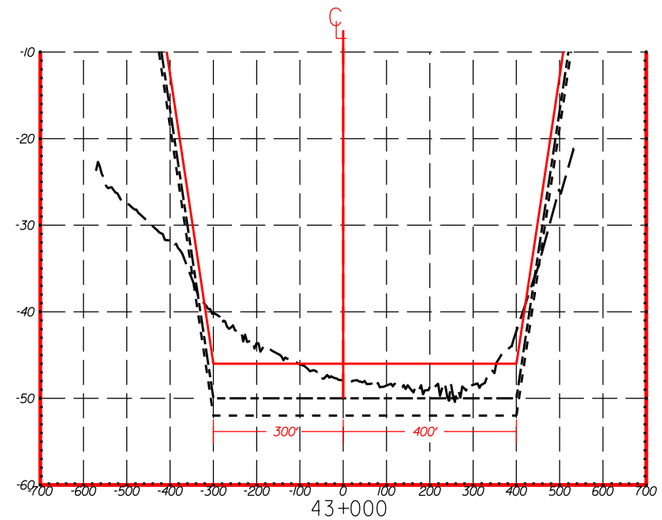


36+000

TYPICAL SECTION
STA 35+000 TO 37+000

46' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

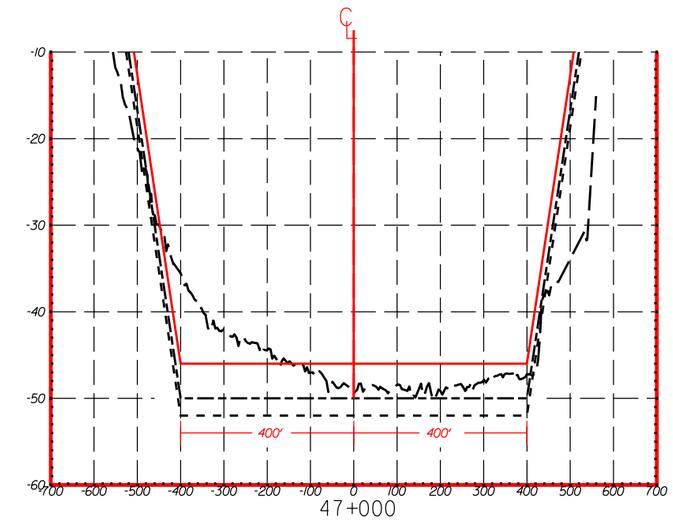


43+000

TYPICAL SECTION
STA 37+000 TO 70+000

46' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

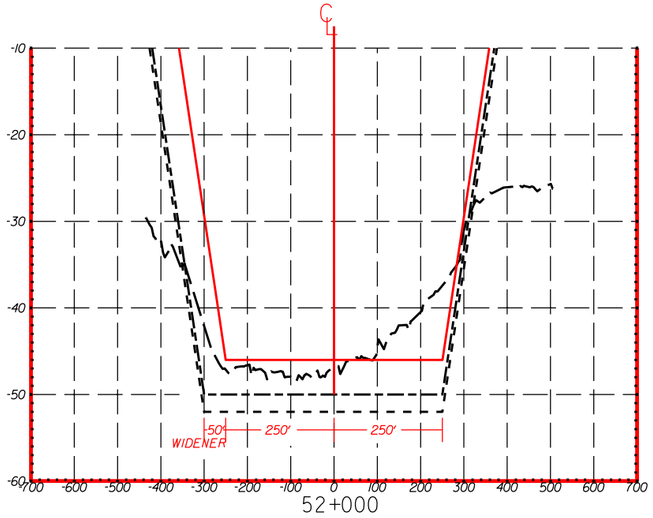


47+000

TYPICAL SECTION
STA 37+000 TO 70+000

46' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



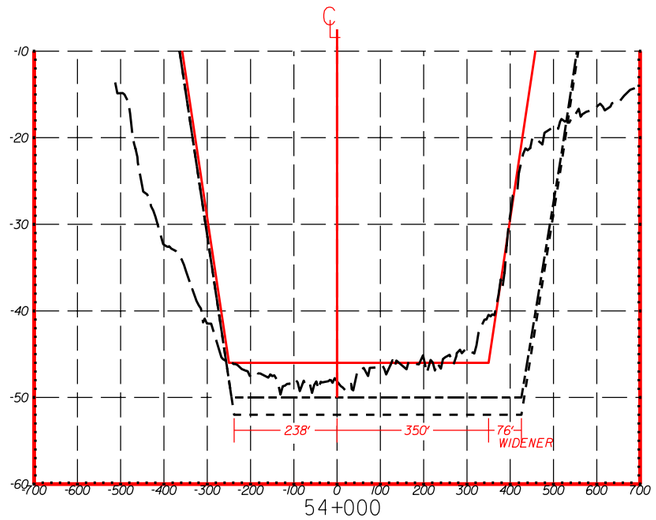
52+000

TYPICAL SECTION
STA 37+000 TO 70+000

46' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

TYPICAL SECTIONS (LOOKING UPSTREAM)
46 FOOT PROJECT
STATIONS 36+000 TO 52+000

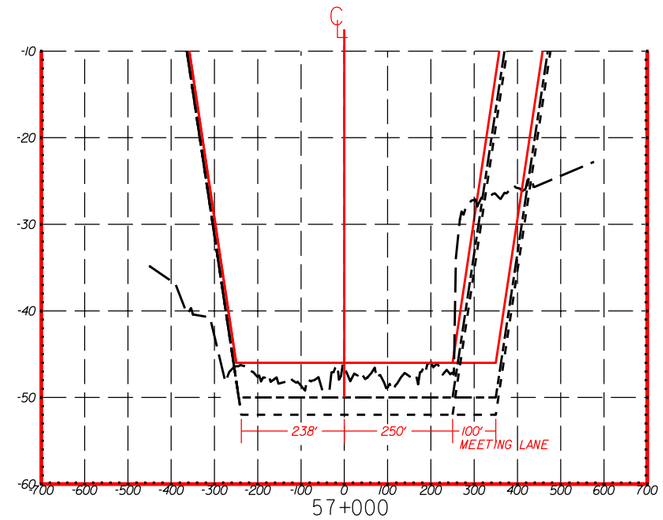


54+000

TYPICAL SECTION
STA 37+000 TO 70+000

46' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

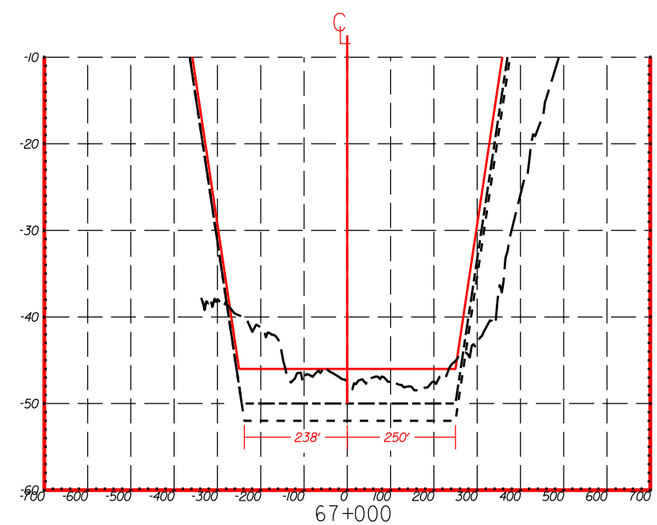


57+000

TYPICAL SECTION
STA 37+000 TO 70+000

46' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

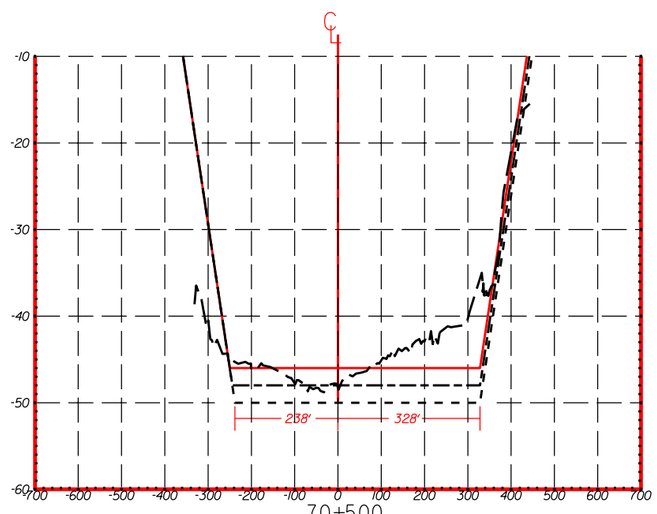


67+000

TYPICAL SECTION
STA 37+000 TO 70+000

46' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

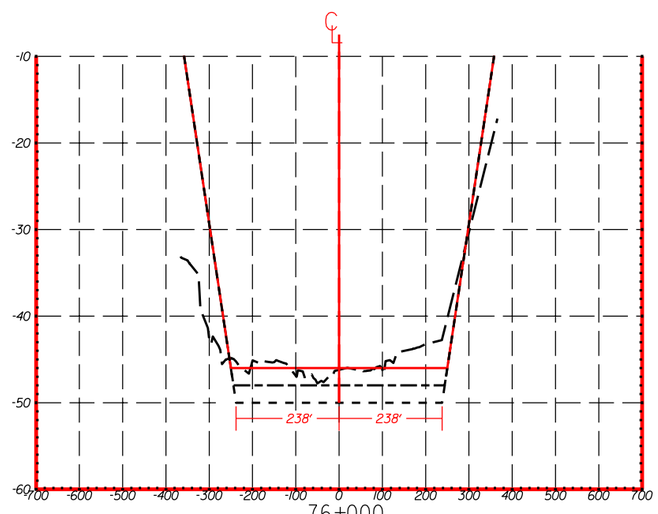


70+500

TYPICAL SECTION
STA 70+000 TO 102+000

46' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

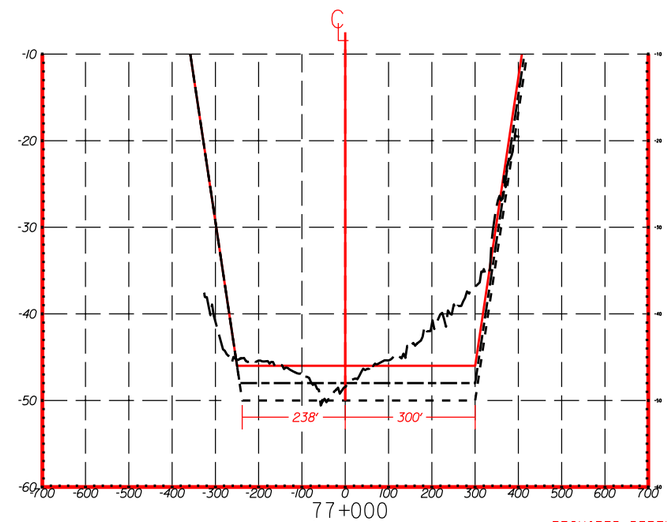


76+000

TYPICAL SECTION
STA 70+000 TO 102+000

46' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



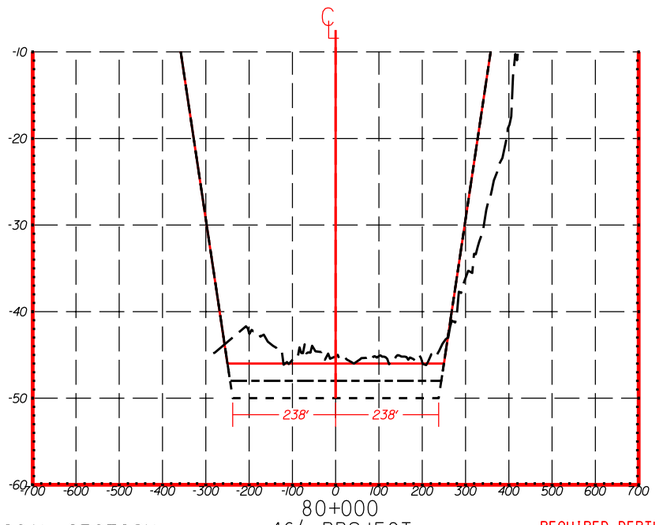
77+000

TYPICAL SECTION
STA 70+000 TO 102+000

46' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

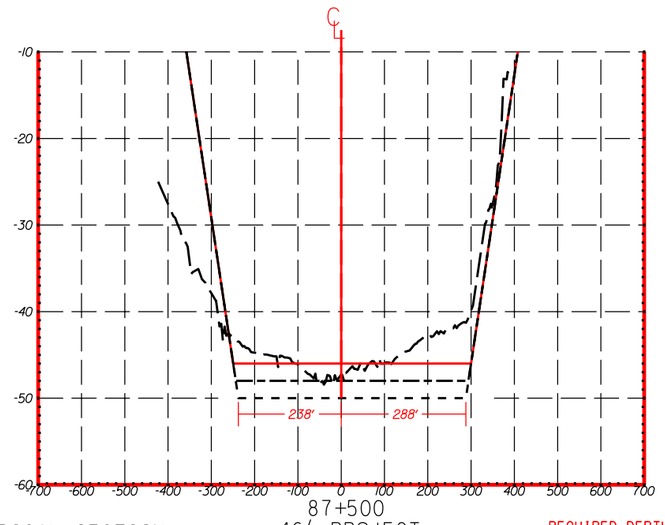
TYPICAL SECTIONS (LOOKING UPSTREAM)
46 FOOT PROJECT
STATIONS 54+000 TO 77+000



80+000
46' PROJECT

TYPICAL SECTION
STA 70+000 TO 102+000

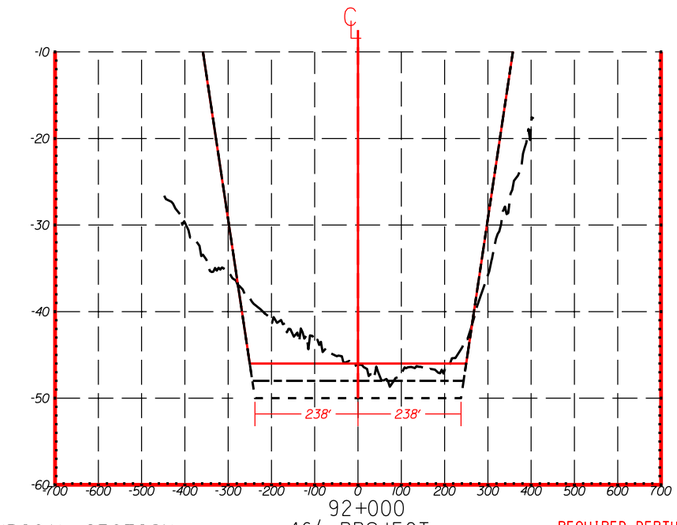
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



87+500
46' PROJECT

TYPICAL SECTION
STA 70+000 TO 102+000

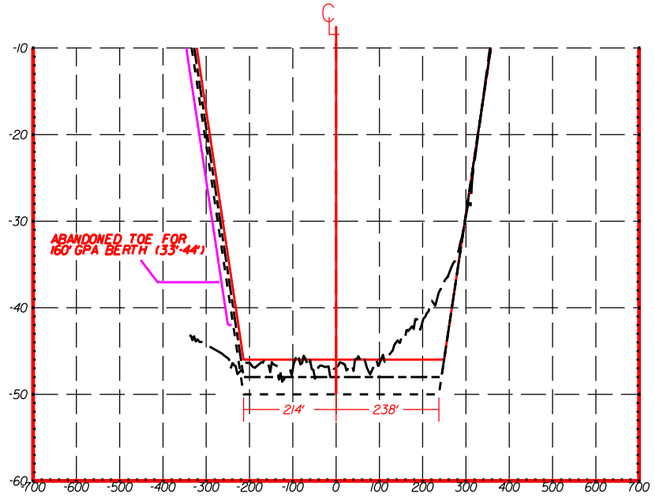
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



92+000
46' PROJECT

TYPICAL SECTION
STA 70+000 TO 102+000

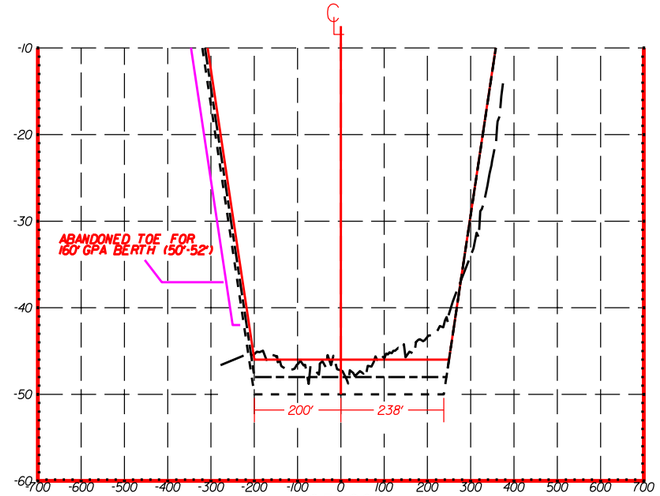
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



95+000
46' PROJECT

TYPICAL SECTION
STA 70+000 TO 102+000

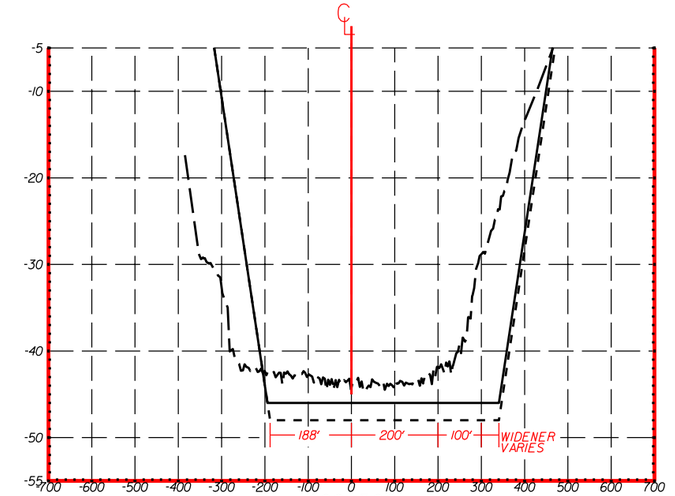
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



97+000
46' PROJECT

TYPICAL SECTION
STA 70+000 TO 102+000

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

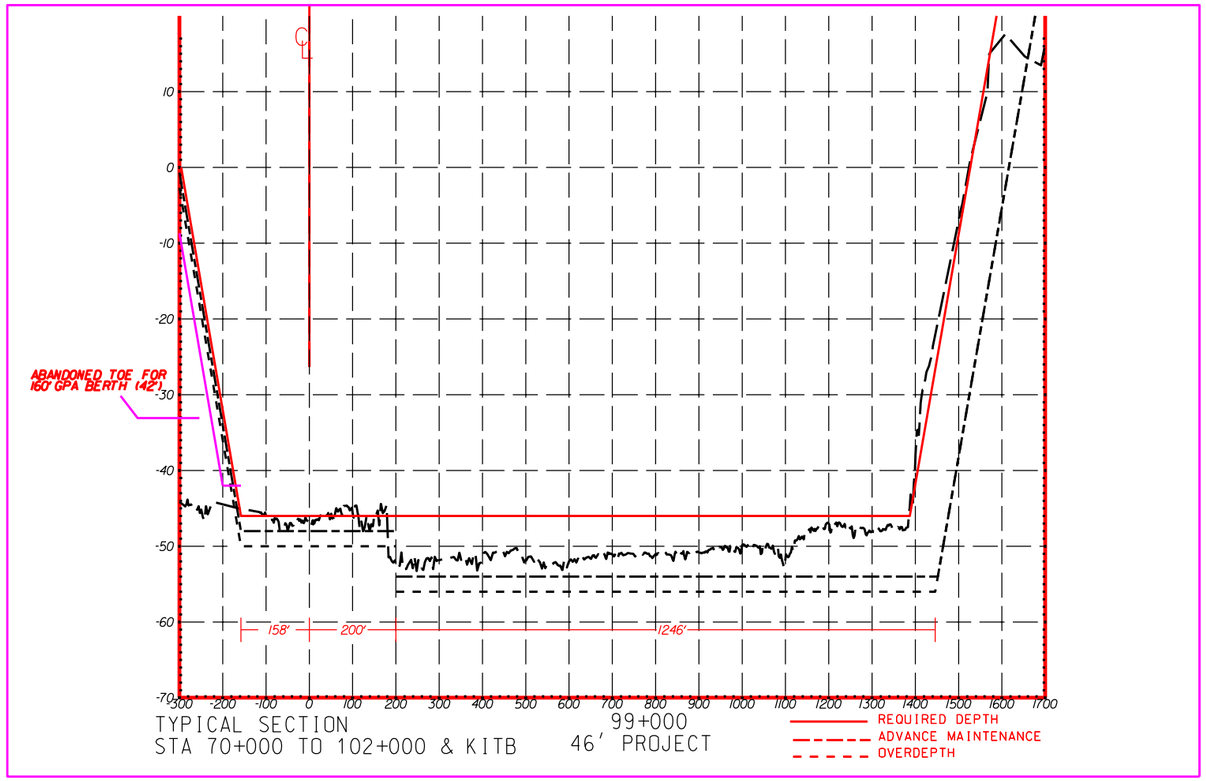


102+500
46' PROJECT

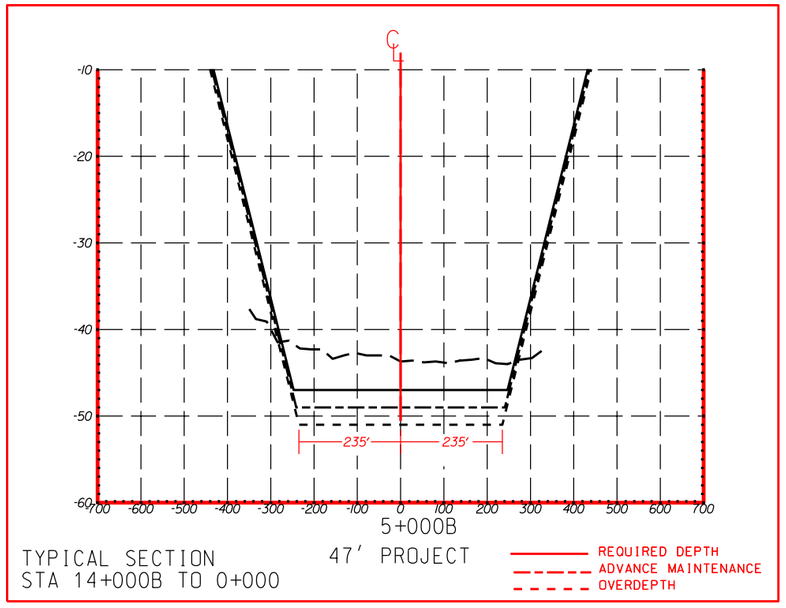
TYPICAL SECTION
STA 102+000 TO 103+000

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

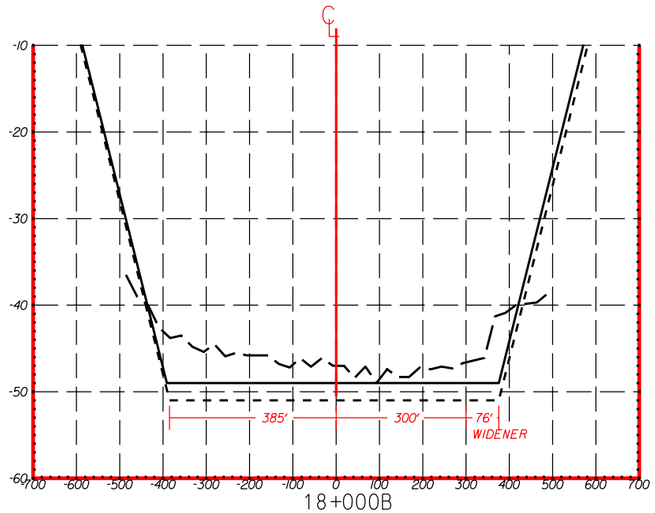
TYPICAL SECTIONS (LOOKING UPSTREAM)
46 FOOT PROJECT
STATIONS 80+000 TO 102+500



TYPICAL SECTIONS (LOOKING UPSTREAM)
46 FOOT PROJECT
KINGS ISLAND TURNING BASIN

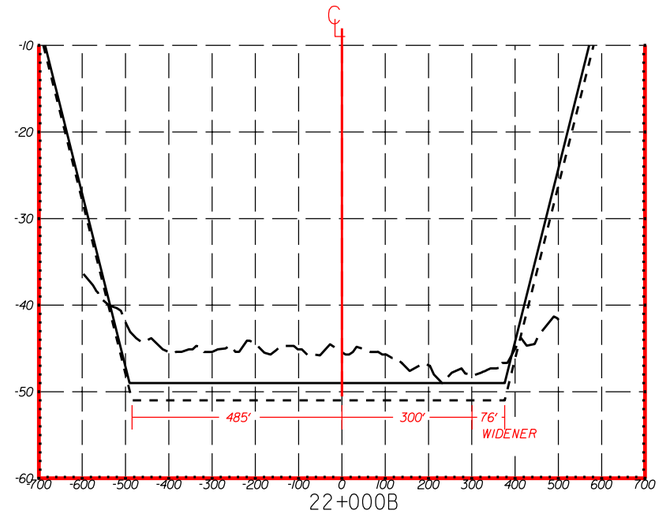


TYPICAL SECTION (LOOKING UPSTREAM)
47 FOOT PROJECT
STATION 5+000B



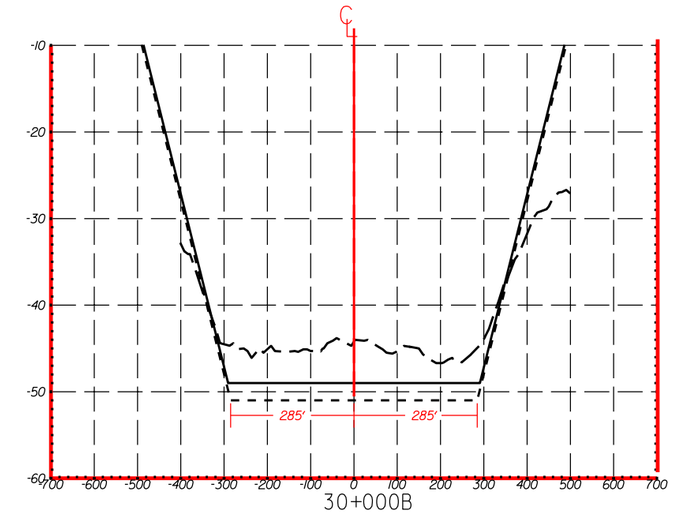
TYPICAL SECTION
STA 60+000B TO 14+000B
47' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



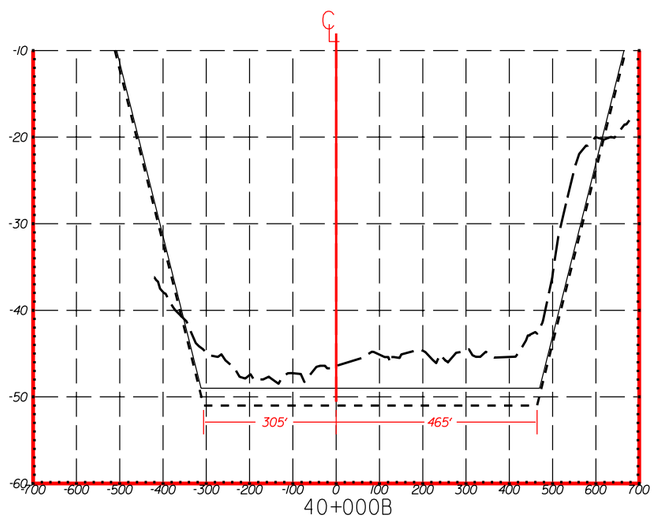
TYPICAL SECTION
STA 60+000B TO 14+000B
47' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



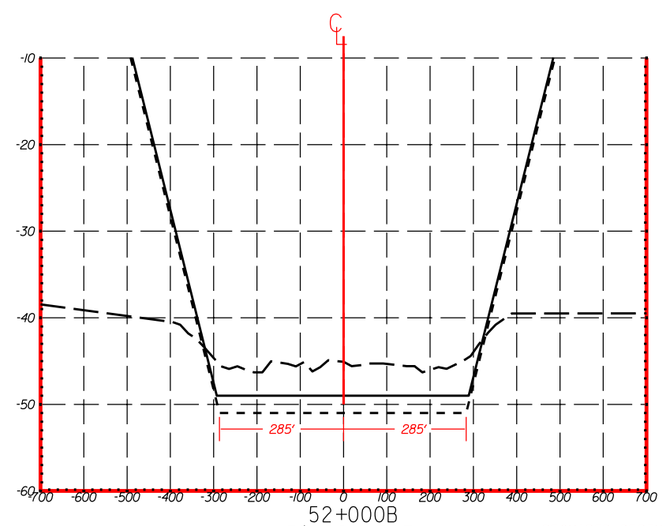
TYPICAL SECTION
STA 60+000B TO 14+000B
47' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



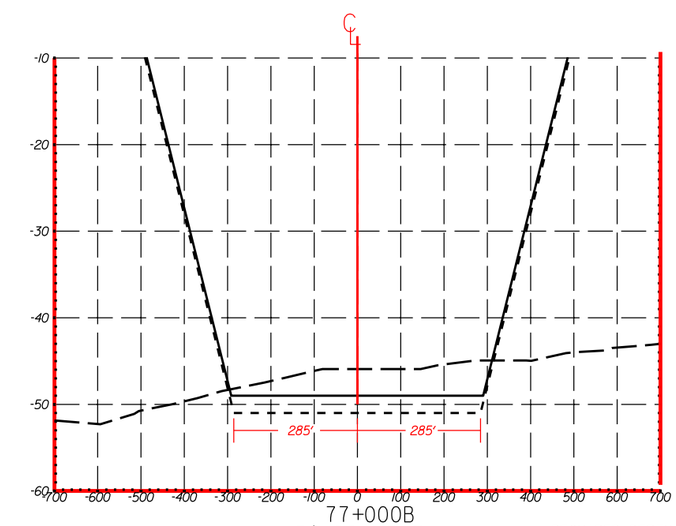
TYPICAL SECTION
STA 60+000B TO 14+000B
47' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



TYPICAL SECTION
STA 60+000B TO 14+000B
47' PROJECT

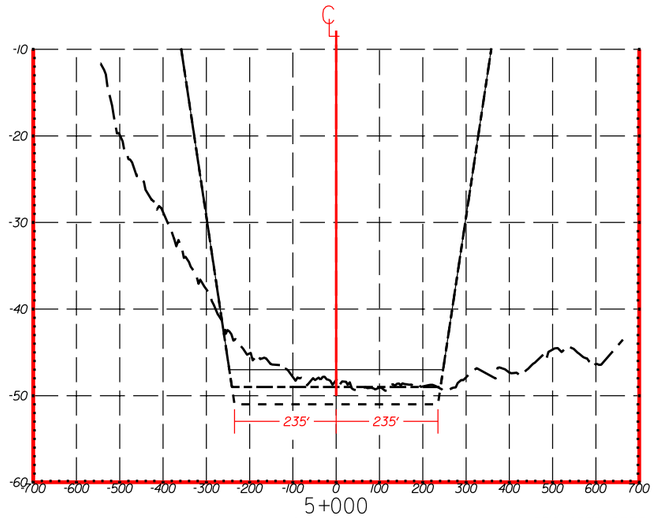
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



TYPICAL SECTION
STA 98+600B TO 60+000B
47' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

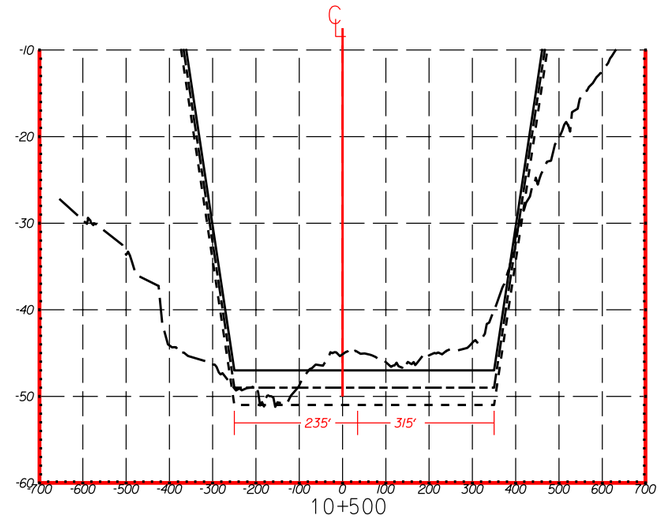
TYPICAL SECTIONS (LOOKING UPSTREAM)
47 FOOT PROJECT
STATIONS 18+000B TO 77+000B



TYPICAL SECTION
STA 0+000 TO 24+000

47' PROJECT

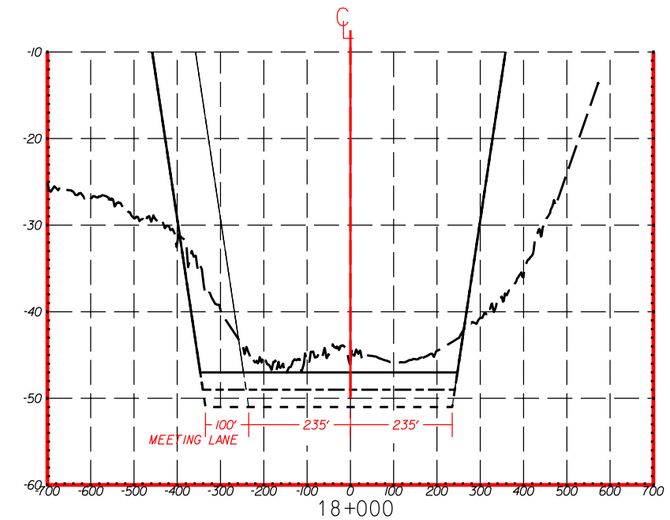
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



TYPICAL SECTION
STA 0+000 TO 24+000

47' PROJECT

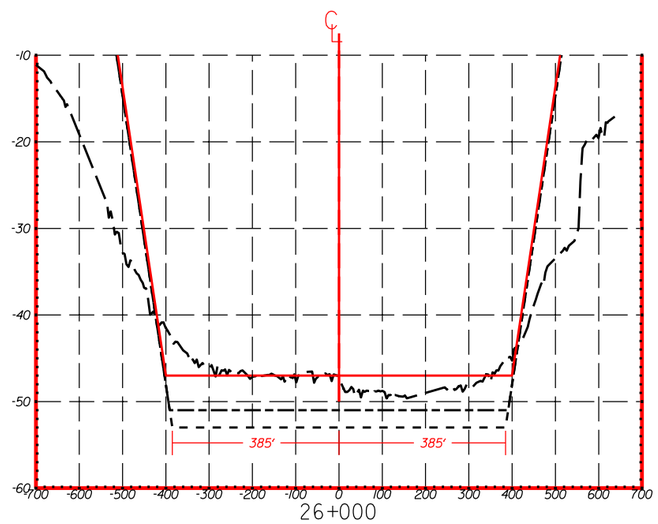
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



TYPICAL SECTION
STA 0+000 TO 24+000

47' PROJECT

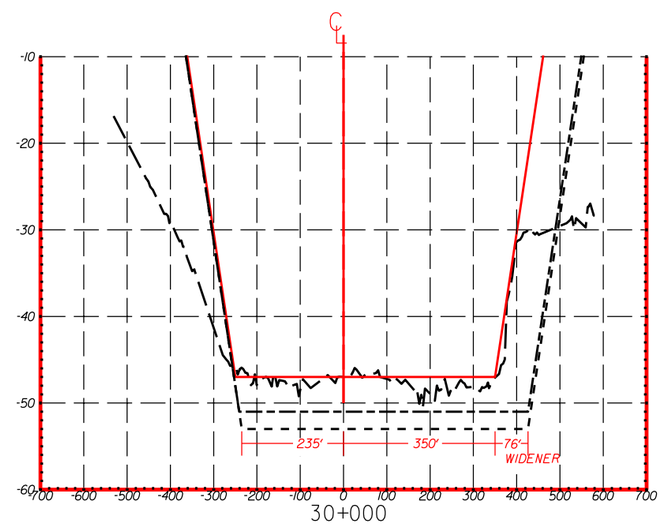
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



TYPICAL SECTION
STA 24+000 TO 35+000

47'PROJECT

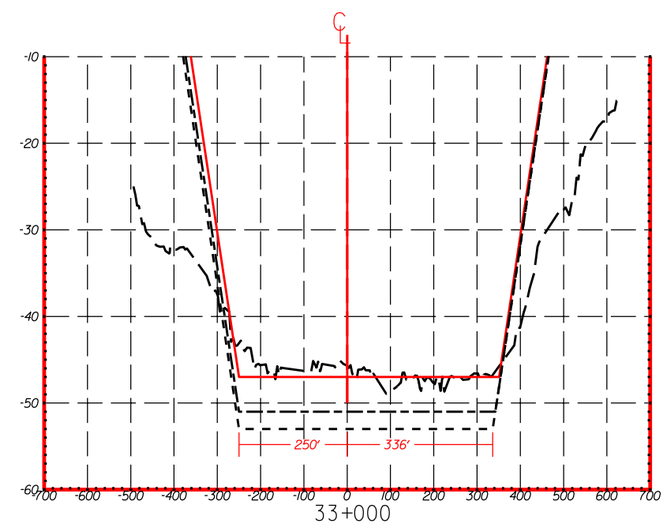
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



TYPICAL SECTION
STA 24+000 TO 35+000

47' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

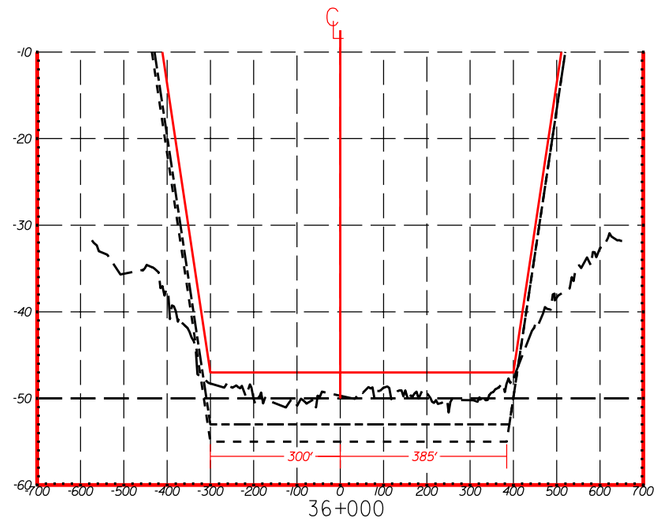


TYPICAL SECTION
STA 24+000 TO 35+000

47' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

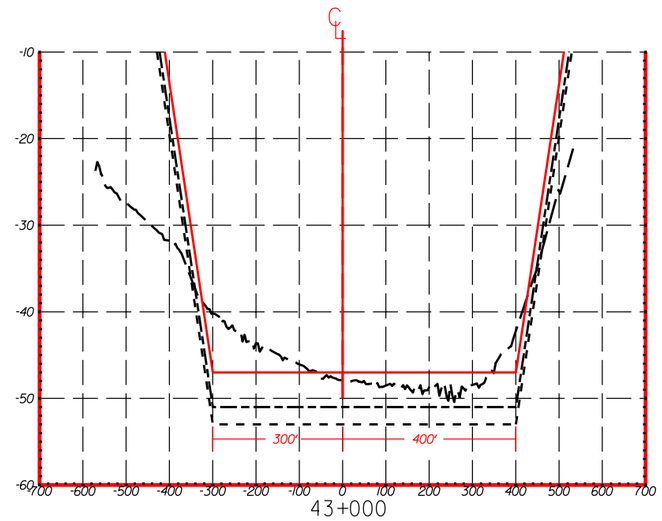
TYPICAL SECTIONS (LOOKING UPSTREAM)
47 FOOT PROJECT
STATIONS 5+000 TO 33+000



TYPICAL SECTION
STA 35+000 TO 37+000

47' PROJECT

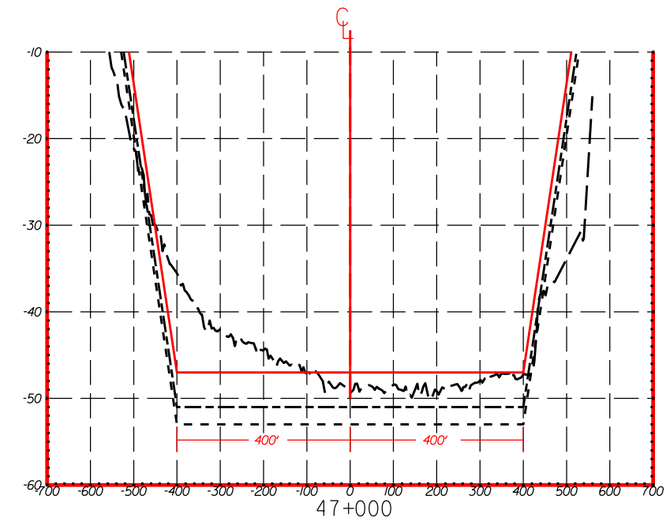
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



TYPICAL SECTION
STA 37+000 TO 70+000

47' PROJECT

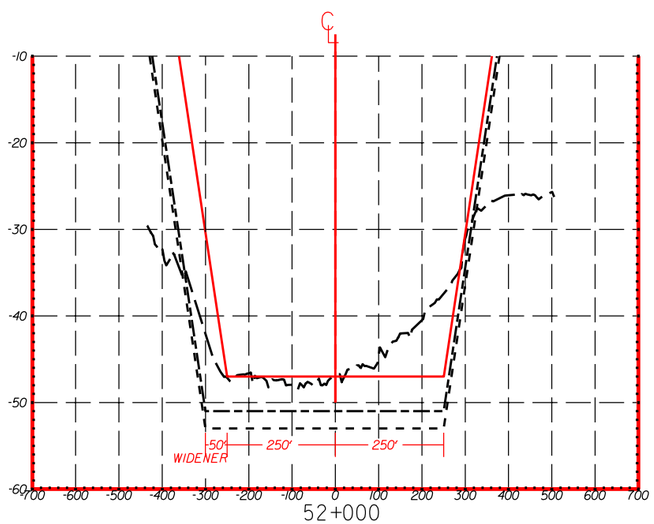
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



TYPICAL SECTION
STA 37+000 TO 70+000

47' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

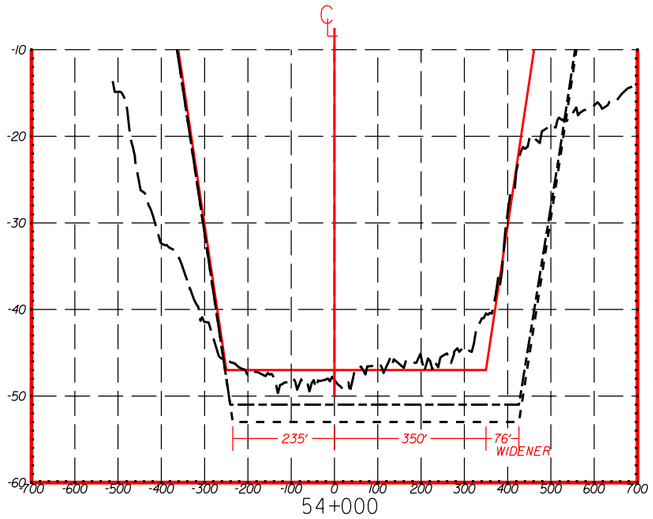


TYPICAL SECTION
STA 37+000 TO 70+000

47' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

TYPICAL SECTIONS (LOOKING UPSTREAM)
47 FOOT PROJECT
STATIONS 36+000 TO 52+000

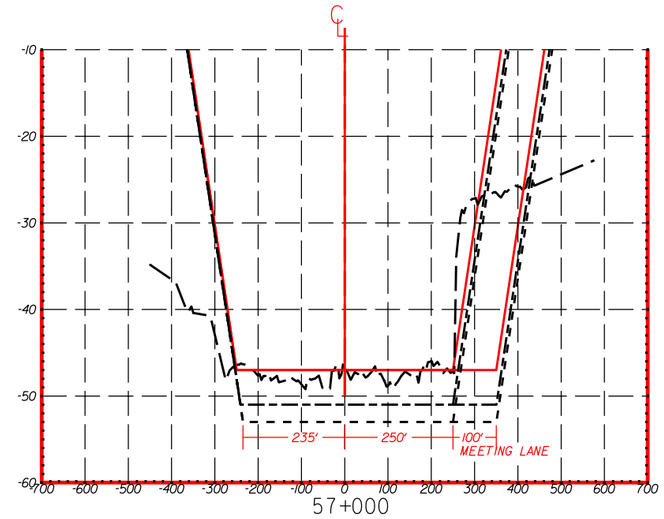


54+000

TYPICAL SECTION
STA 37+000 TO 70+000

47' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

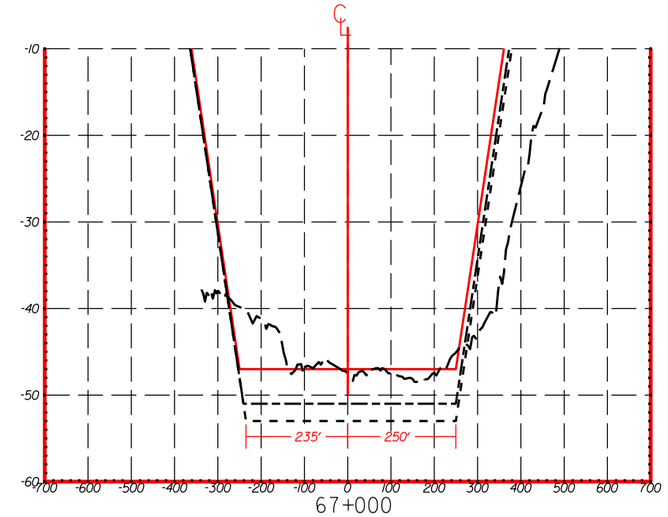


57+000

TYPICAL SECTION
STA 37+000 TO 70+000

47' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

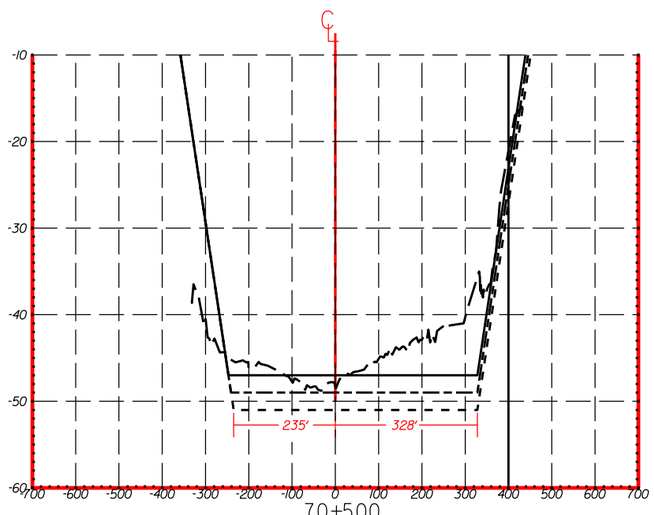


67+000

TYPICAL SECTION
STA 37+000 TO 70+000

47' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

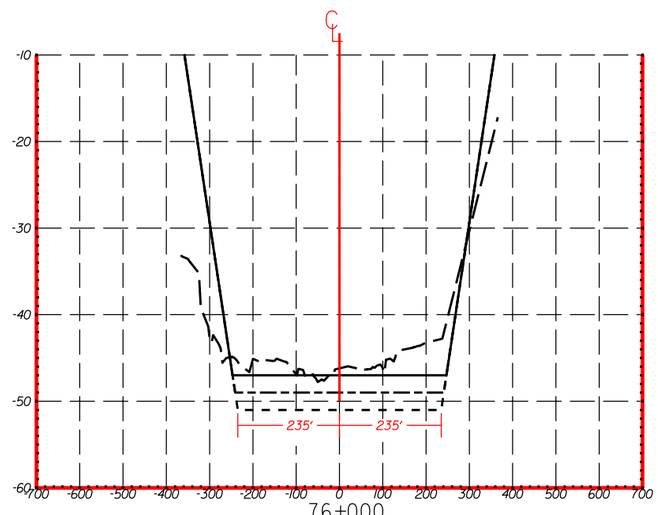


70+500

TYPICAL SECTION
STA 70+000 TO 102+000

47' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

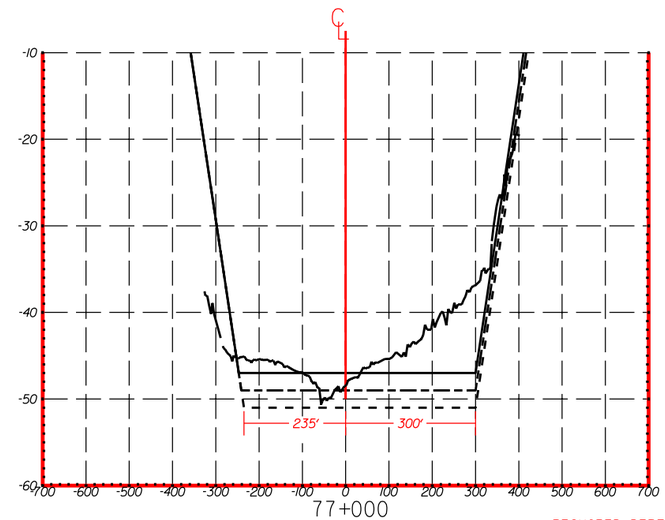


76+000

TYPICAL SECTION
STA 70+000 TO 102+000

47' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



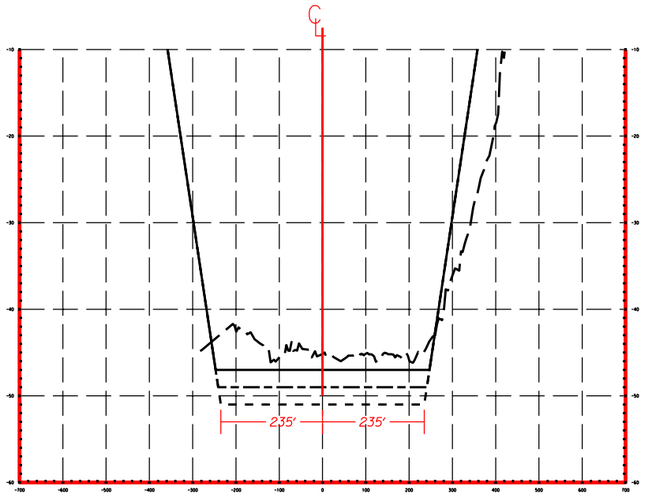
77+000

TYPICAL SECTION
STA 70+000 TO 102+000

47' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

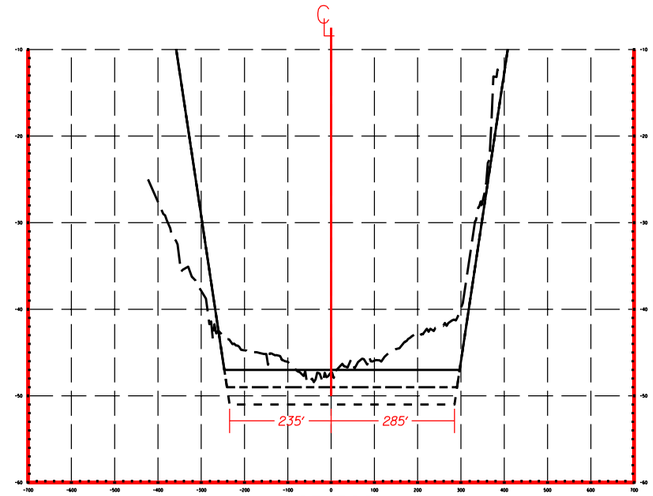
TYPICAL SECTIONS (LOOKING UPSTREAM)
47 FOOT PROJECT
STATIONS 54+000 TO 77+000



TYPICAL SECTION
STA 70+000 TO 102+000

80+000
47' PROJECT

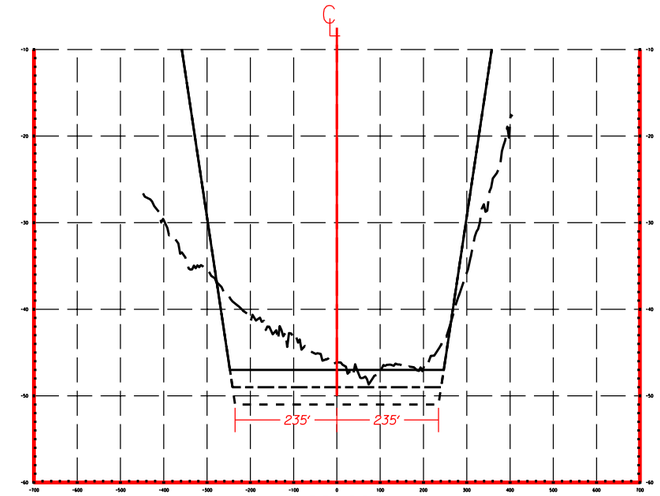
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



TYPICAL SECTION
STA 70+000 TO 102+000

87+500
47' PROJECT

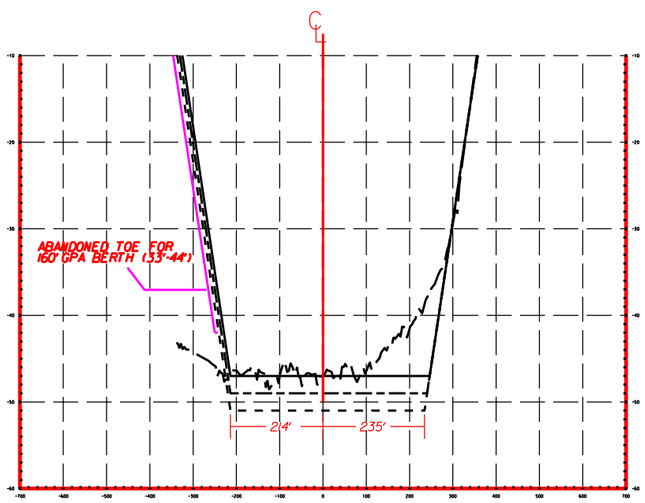
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



TYPICAL SECTION
STA 70+000 TO 102+000

92+000
47' PROJECT

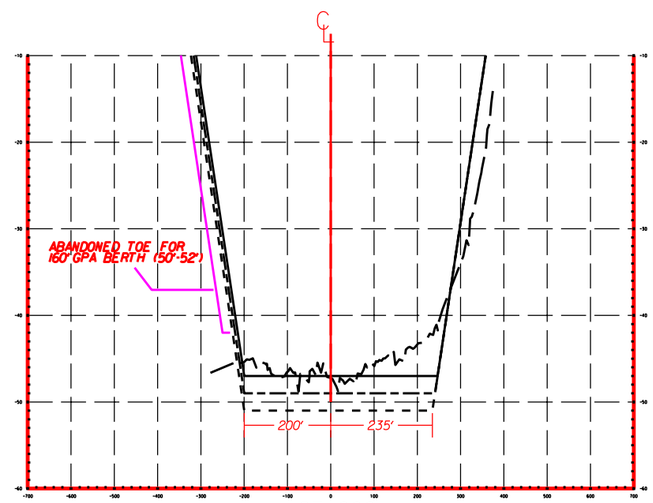
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



TYPICAL SECTION
STA 70+000 TO 102+000

95+000
47' PROJECT

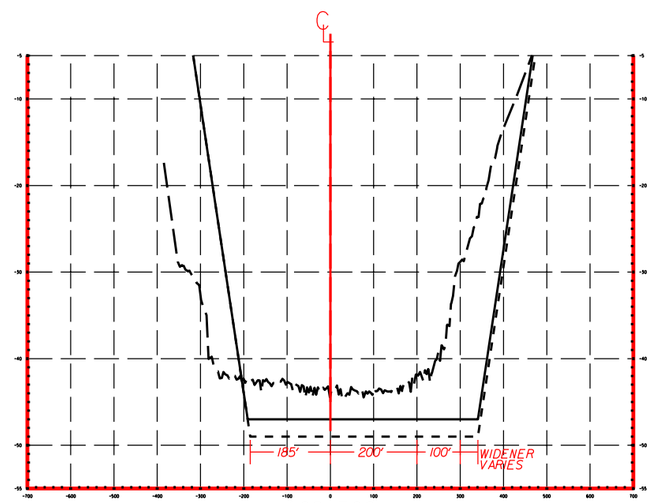
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



TYPICAL SECTION
STA 70+000 TO 102+000

97+000
47' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

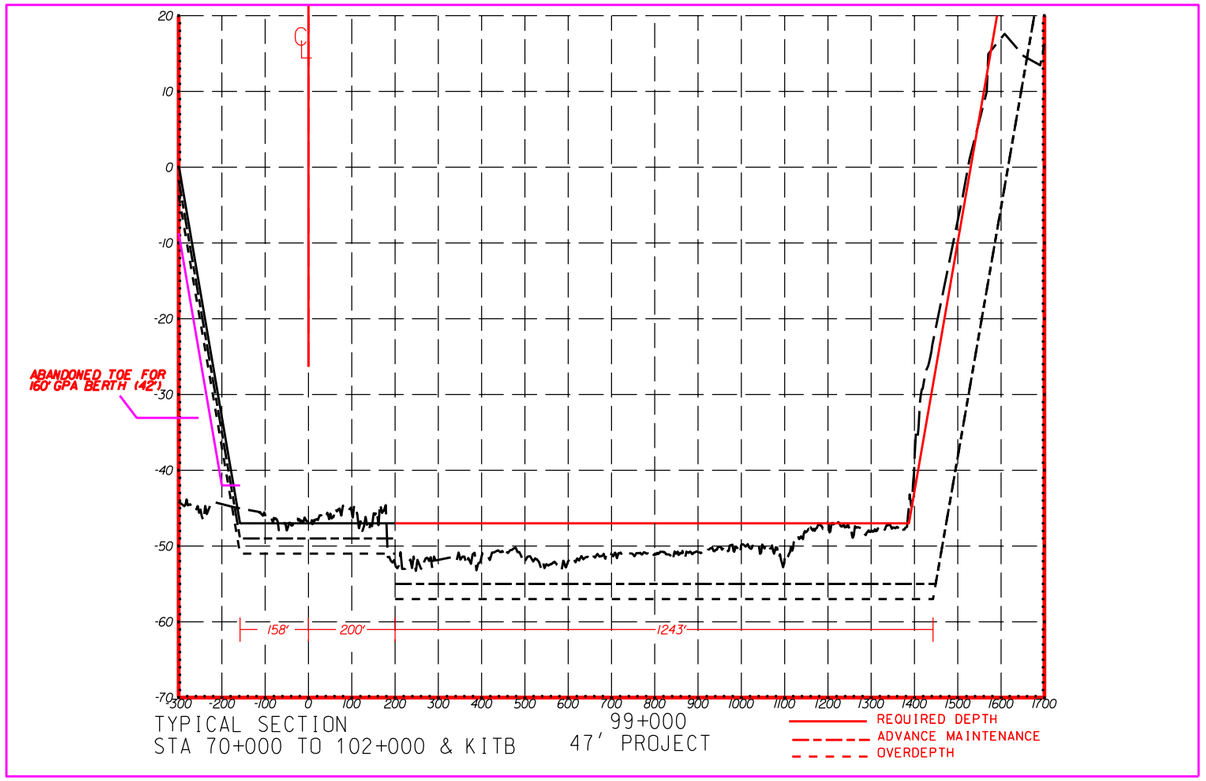


TYPICAL SECTION
STA 102+000 TO 103+000

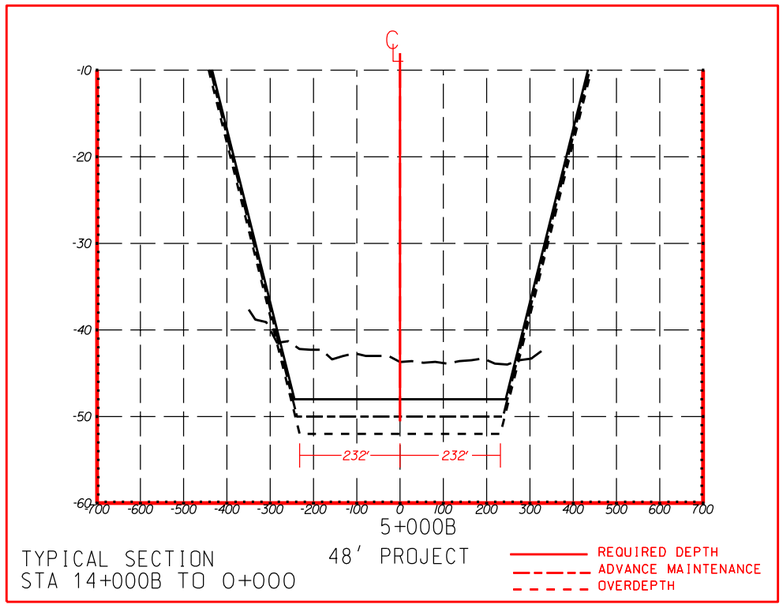
102+500
47' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

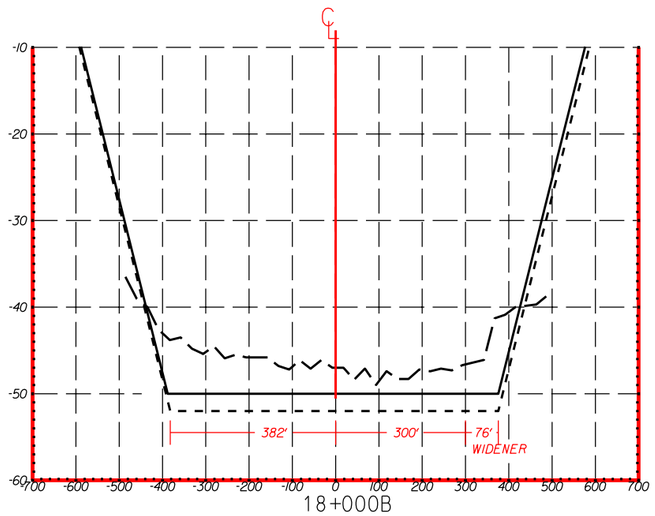
TYPICAL SECTIONS (LOOKING UPSTREAM)
47 FOOT PROJECT
STATIONS 80+000 TO 102+500



TYPICAL SECTIONS (LOOKING UPSTREAM)
47 FOOT PROJECT
KINGS ISLAND TURNING BASIN



TYPICAL SECTION (LOOKING UPSTREAM)
48 FOOT PROJECT
STATION 5+000B

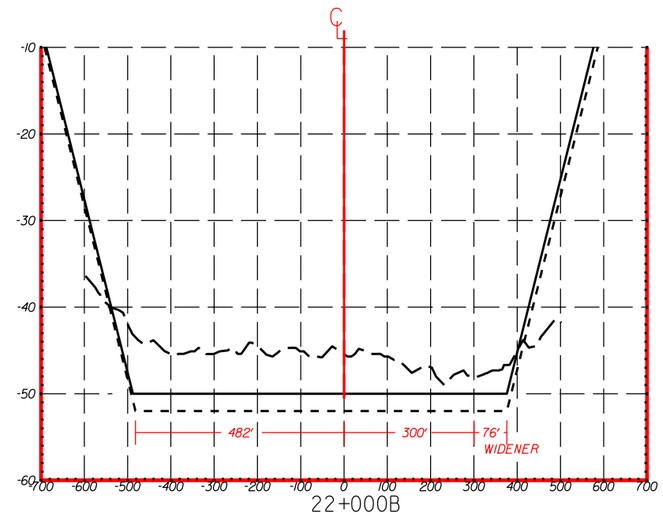


18+000B

TYPICAL SECTION
STA 60+000B TO 14+000B

48' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

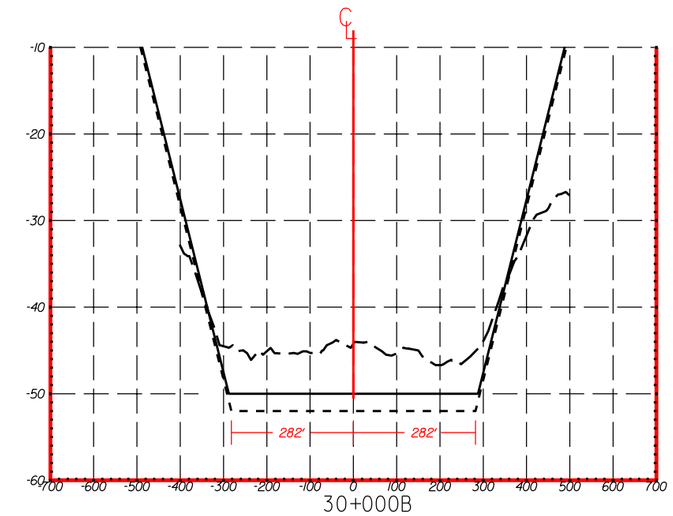


22+000B

TYPICAL SECTION
STA 60+000B TO 14+000B

48' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

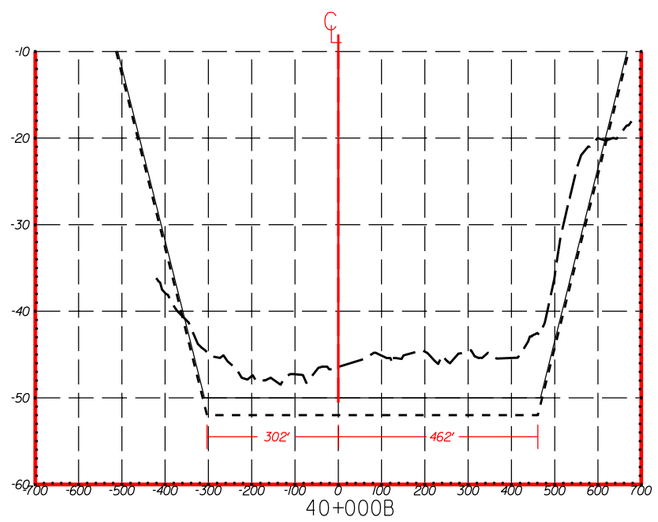


30+000B

TYPICAL SECTION
STA 60+000B TO 14+000B

48' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

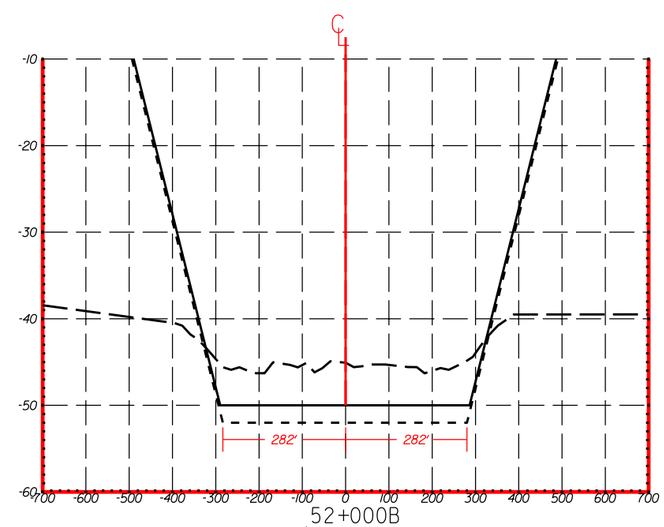


40+000B

TYPICAL SECTION
STA 60+000B TO 14+000B

48' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

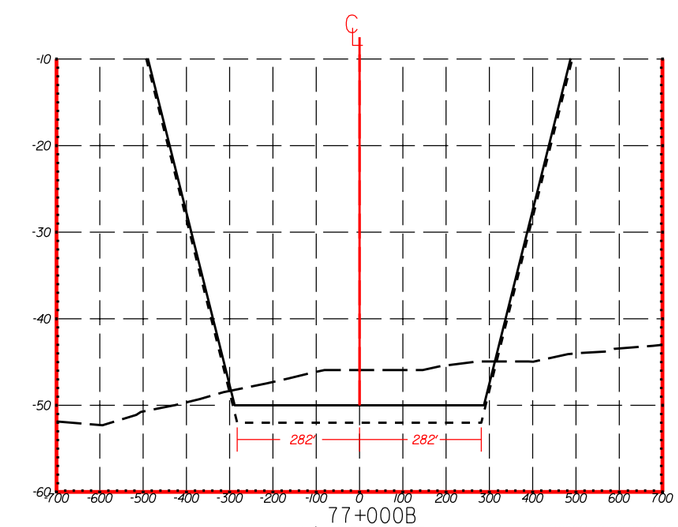


52+000B

TYPICAL SECTION
STA 60+000B TO 14+000B

48' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



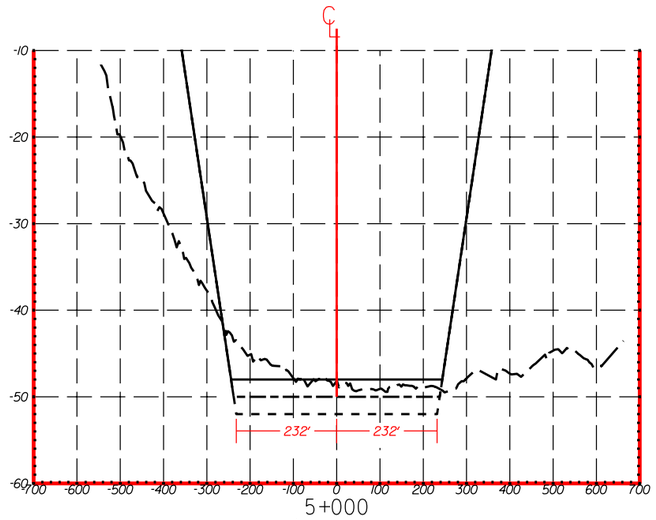
77+000B

TYPICAL SECTION
STA 98+600B TO 60+000B

48' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

TYPICAL SECTIONS (LOOKING UPSTREAM)
48 FOOT PROJECT
STATIONS 18+000B TO 77+000B

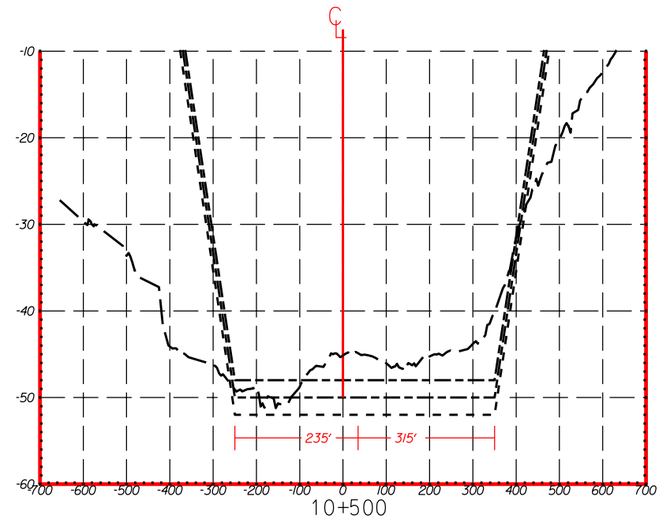


5+000

TYPICAL SECTION
STA 0+000 TO 24+000

48' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

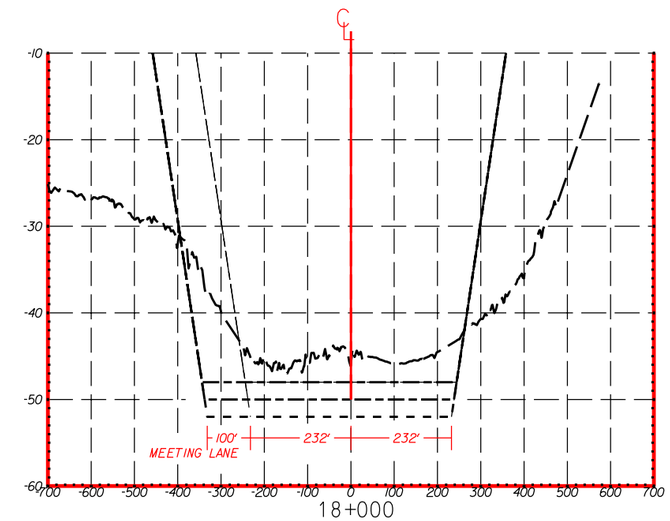


10+500

TYPICAL SECTION
STA 0+000 TO 24+000

48' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

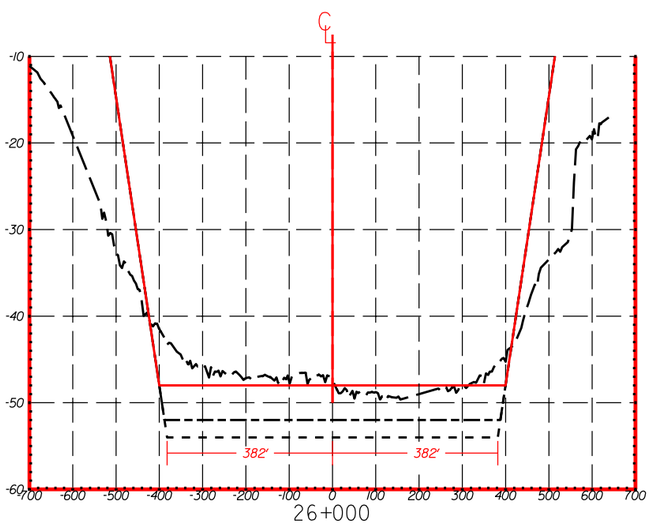


18+000

TYPICAL SECTION
STA 0+000 TO 24+000

48' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

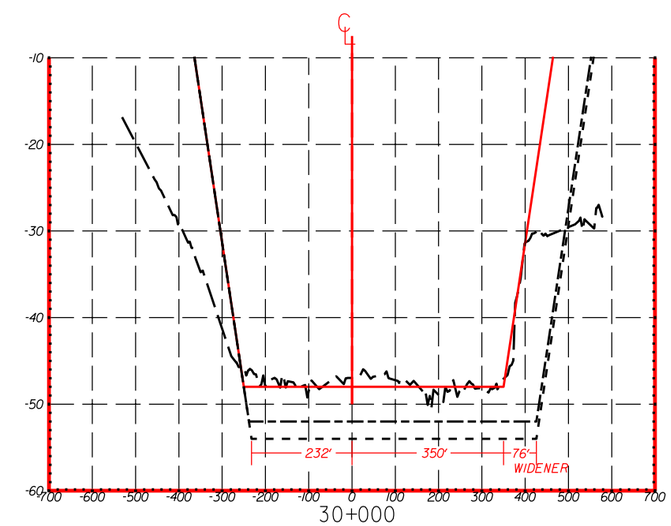


26+000

TYPICAL SECTION
STA 24+000 TO 35+000

48' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

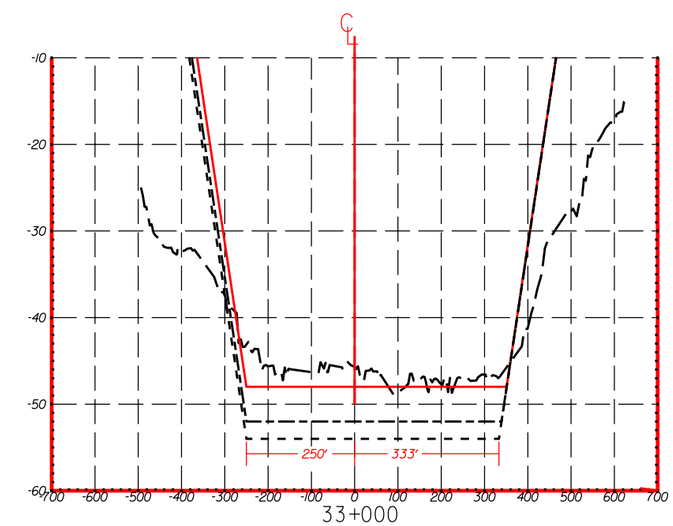


30+000

TYPICAL SECTION
STA 24+000 TO 35+000

48' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



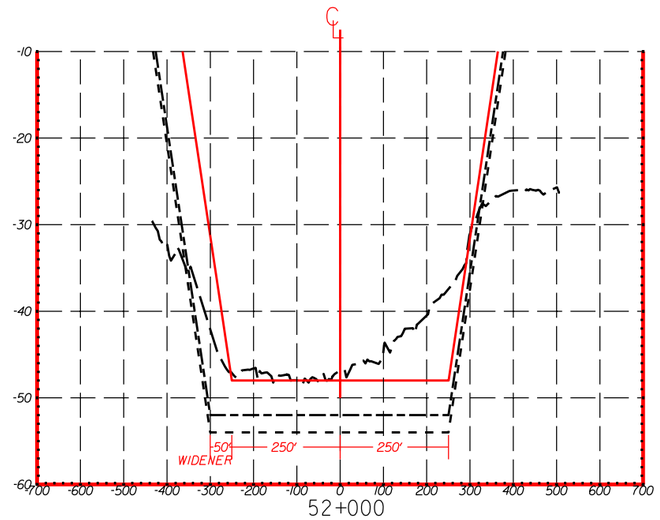
33+000

TYPICAL SECTION
STA 24+000 TO 35+000

48' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

TYPICAL SECTIONS (LOOKING UPSTREAM)
48 FOOT PROJECT
STATIONS 5+000 TO 33+000

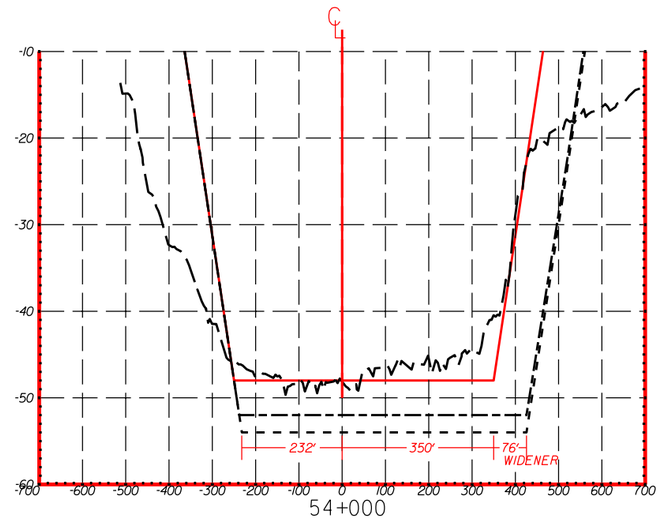


52+000

TYPICAL SECTION
STA 37+000 TO 70+000

48' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

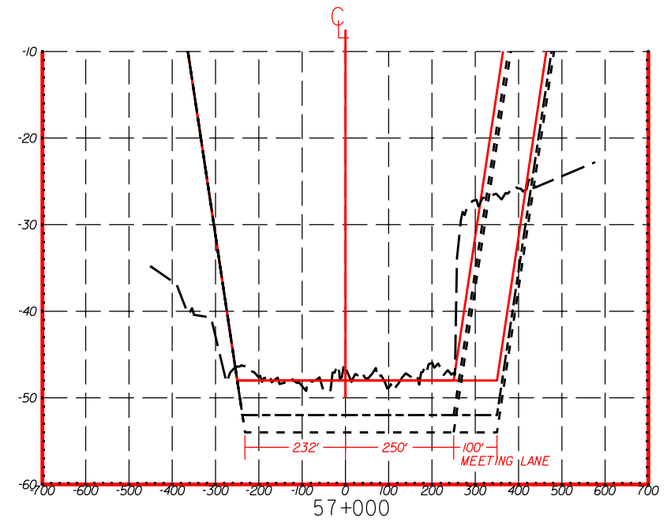


54+000

TYPICAL SECTION
STA 37+000 TO 70+000

48' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

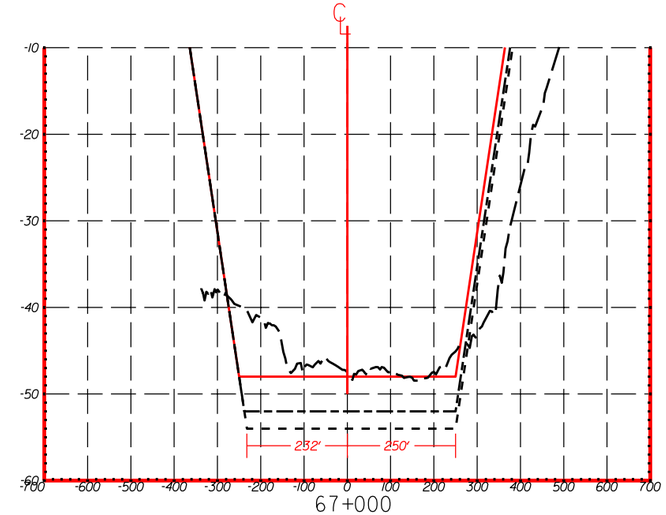


57+000

TYPICAL SECTION
STA 37+000 TO 70+000

48' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

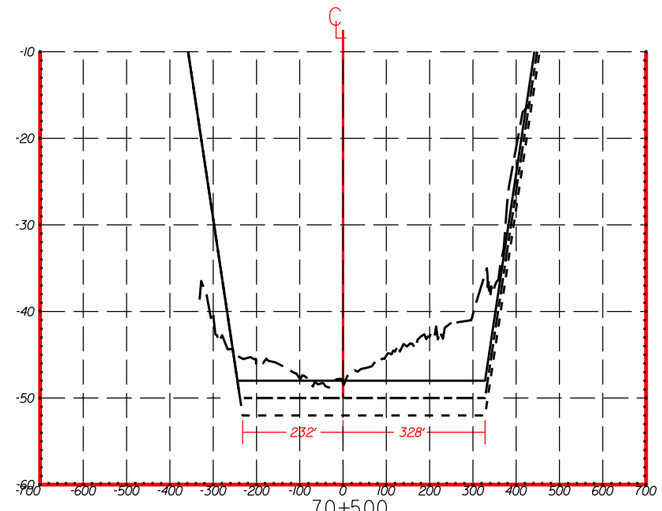


67+000

TYPICAL SECTION
STA 37+000 TO 70+000

48' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

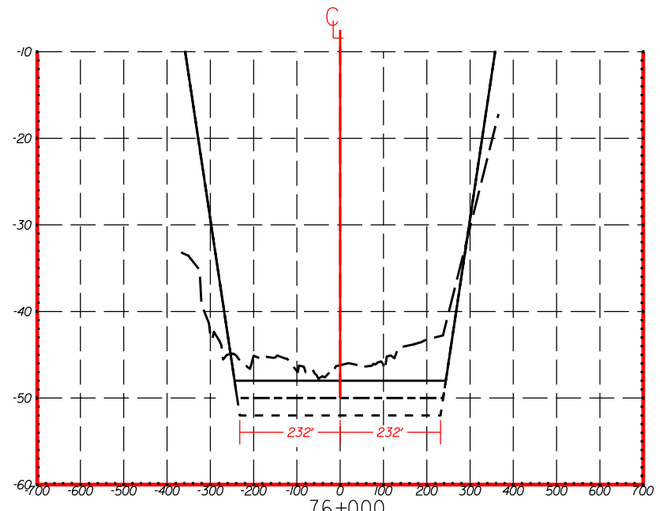


70+500

TYPICAL SECTION
STA 70+000 TO 102+000

48' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



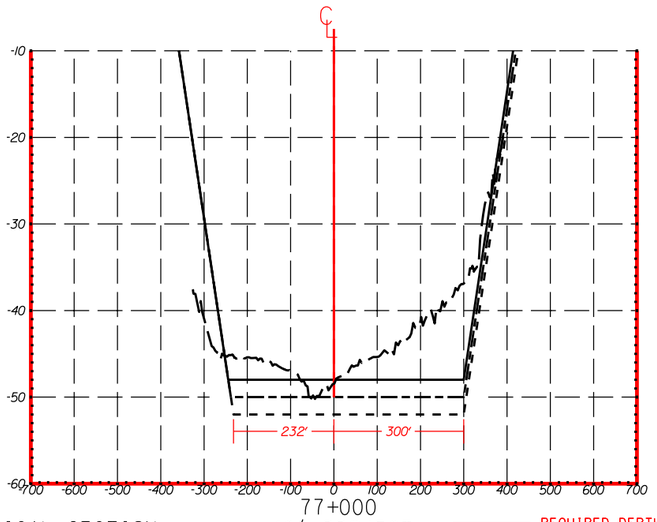
76+000

TYPICAL SECTION
STA 70+000 TO 102+000

48' PROJECT

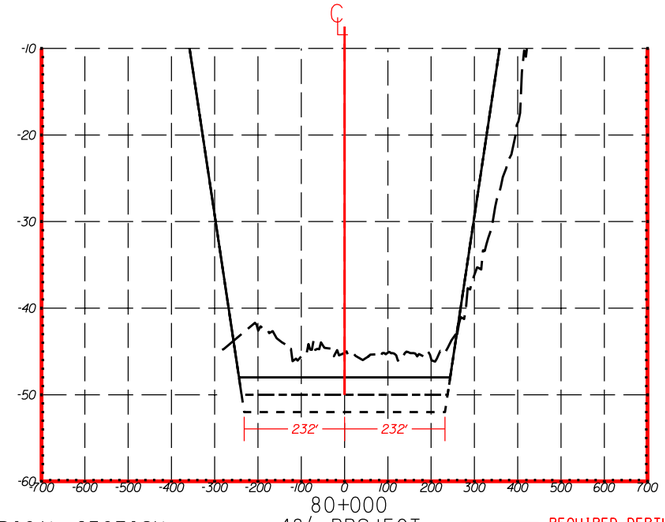
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

TYPICAL SECTIONS (LOOKING UPSTREAM)
48 FOOT PROJECT
STATIONS 52+000 TO 76+000



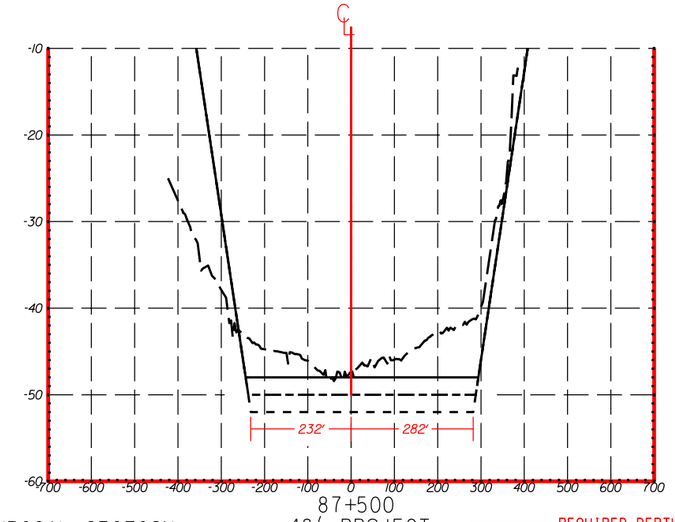
77+000
TYPICAL SECTION
STA 70+000 TO 102+000
48' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



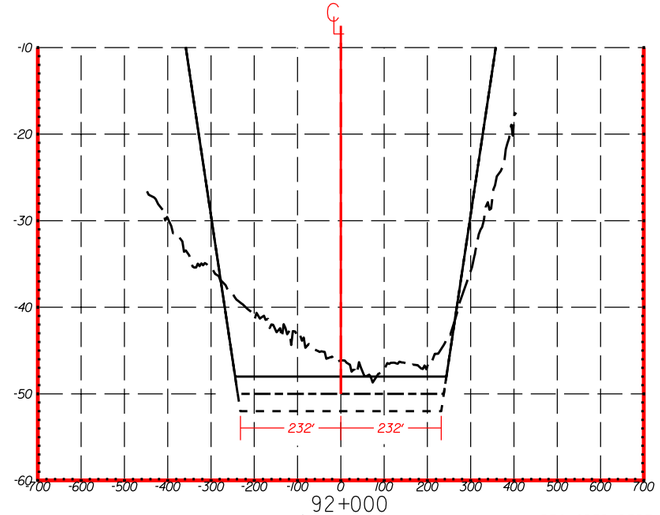
80+000
TYPICAL SECTION
STA 70+000 TO 102+000
48' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



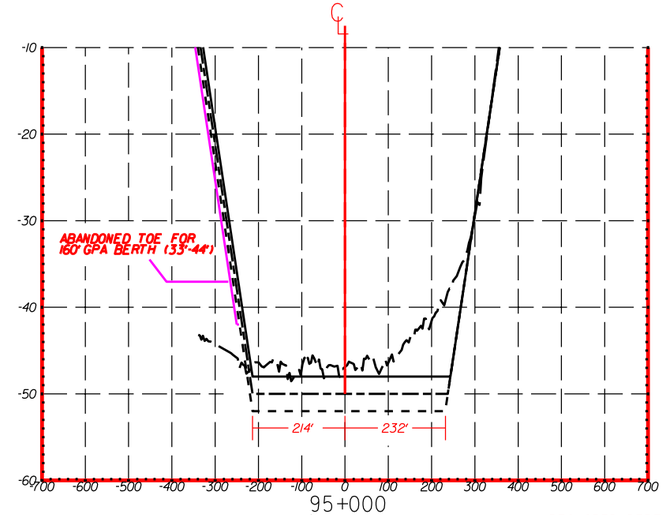
87+500
TYPICAL SECTION
STA 70+000 TO 102+000
48' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



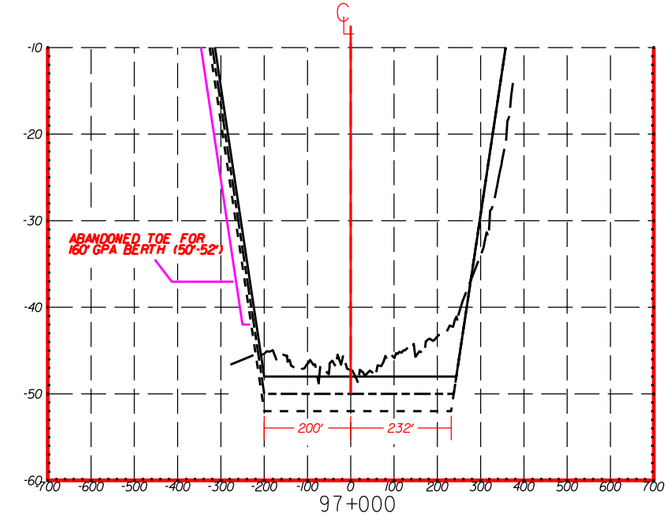
92+000
TYPICAL SECTION
STA 70+000 TO 102+000
48' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



95+000
TYPICAL SECTION
STA 70+000 TO 102+000
48' PROJECT

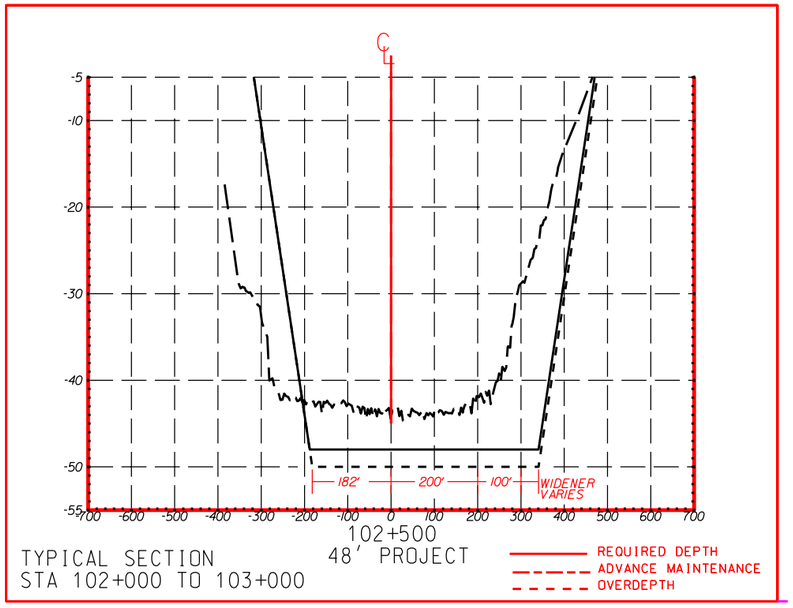
REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH



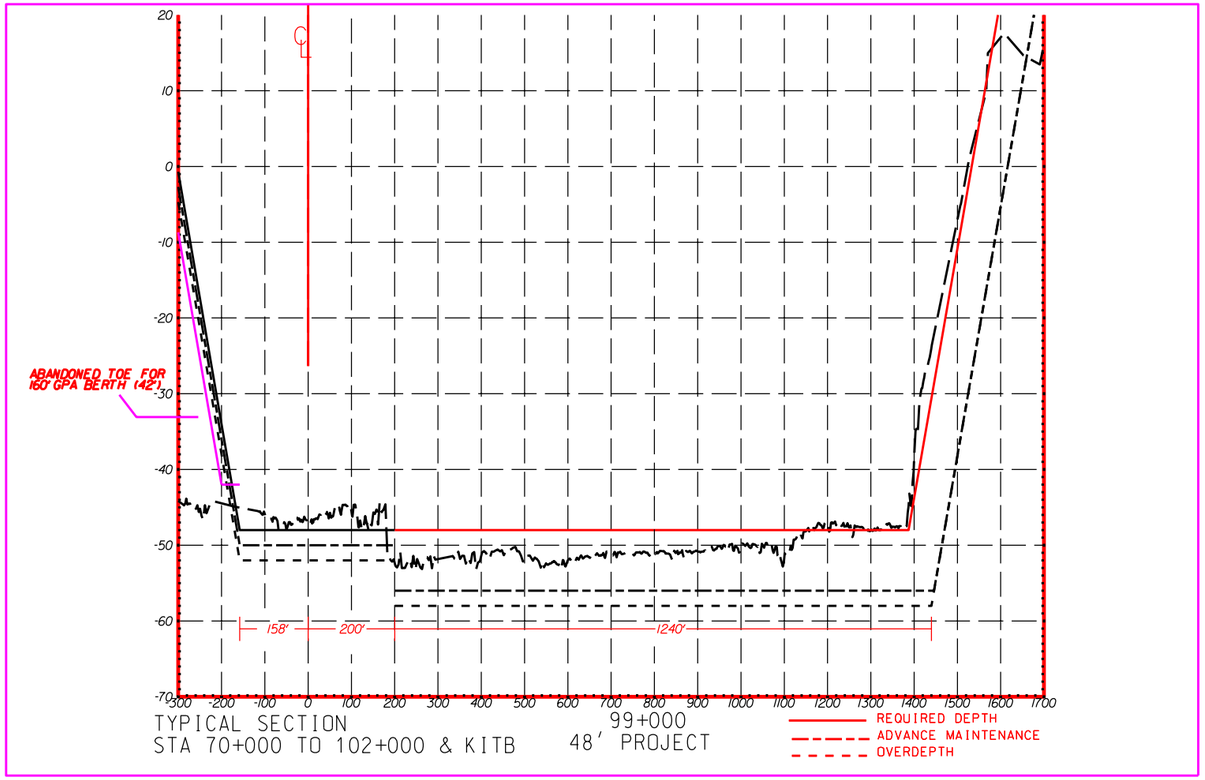
97+000
TYPICAL SECTION
STA 70+000 TO 102+000
48' PROJECT

REQUIRED DEPTH
ADVANCE MAINTENANCE
OVERDEPTH

TYPICAL SECTIONS (LOOKING UPSTREAM)
48 FOOT PROJECT
STATIONS 77+000 TO 97+000



TYPICAL SECTION (LOOKING UPSTREAM)
48 FOOT PROJECT
STATION 102+500



TYPICAL SECTION (LOOKING UPSTREAM)
48 FOOT PROJECT
KINGS ISLAND TURNING BASIN