

REYNOLDS METALS COMPANY
VOLUME 137, PAGE 239
D.R.A.C.T.

SEC. 76

SIXTH SUBDIVISION OF THE TAIT FARM LANDS

ALONSO MARSH SURVEY-NO. 10

VOL. 1, PG. 50, MAP RECORDS OF ARANSAS COUNTY, TEXAS

JAMES DOWNING SURVEY-NO. 7

REYNOLDS METALS COMPANY
VOLUME 137, PAGE 239
D.R.A.C.T.

SEC. 76

N 17253944.31
E 1413671.50

S31°48'14"W
13.66 varas (37.94')

S22°19'38"W
18.39 varas (51.08')

S23°28'43"W
8.67 varas (24.07')

N63°05'35"E
78.73 varas (218.69')

11.55 varas (32.11')

30.83 varas (85.91')

S73°17'09"W
9.92 varas (27.55')

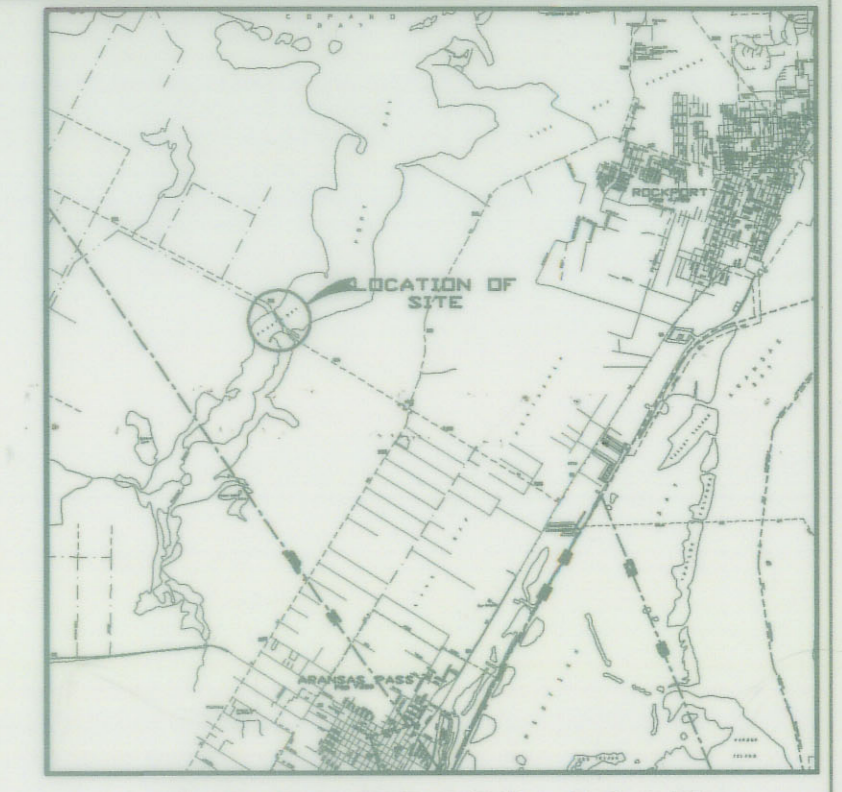
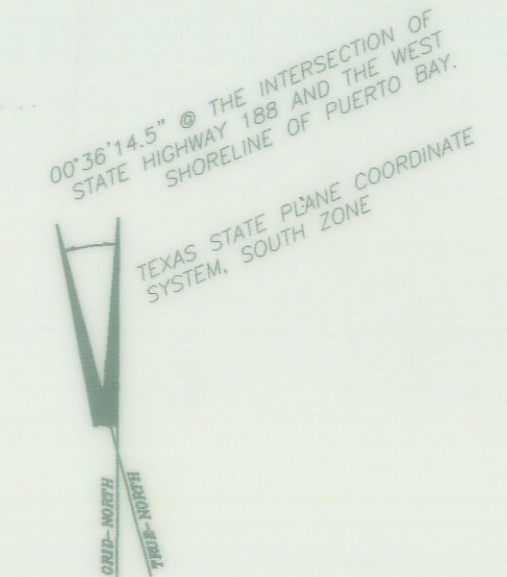
S59°35'57"W
17.54 varas (48.71')

N 17253711.17
E 1413359.08

SET 5/8 I.R. WITH CAP
STAMPED "N.E.L. RPLS-4700"

DIGITIZED SHORELINE FROM PHOTO

EXISTING ARTIFICIAL FILLED AREA



LOCATION MAP
NOT TO SCALE

PUERTO BAY

TRACT NO. 3

SUBMERGED

OWNERS:

D. W. GRANT, ET AL TO THE STATE OF TEXAS

JACK CREAGER
963 OLD COLIAD RD.
VICTORIA, TEXAS 77901

TEXAS DEPARTMENT OF TRANSPORTATION

REYNOLDS METALS COMPANY

- NOTES:
- BEARINGS AND COORDINATES ARE SURFACE, ESTABLISHED FROM TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NORTH AMERICAN DATUM OF 1983 AND ESTABLISHED FROM THE FOLLOWING NGS HORIZONTAL MONUMENTS:
* TRACK 1934
* BLANCO 2
 - SHORELINE LOCATED AT MEAN HIGH WATER AS DETERMINED FROM LOCAL TIDE STAFF READINGS COMPARED TO OPERATIVE BASE NETWORK CONTROL STATION, LOCATED AT SOUTH END OF COPANO BAY STATE FISHING PIER, STATION DESIGNATION MDMA 87745131 MEAN HIGH WATER ELEVATION DETERMINED AS 0.2 FEET NAVD (0.7 FEET NGVD) FROM NGS VERTICAL CONTROL MONUMENT DESIGNATED FBO3 RESET 1950 (ELEV. 7.7 FEET NAVD 1988).

NOTICE:

THIS SURVEY WAS PERFORMED IN ACCORDANCE WITH SECTION 33.136, NATURAL RESOURCES CODE, FOR THE PURPOSE OF EVIDENCING THE LOCATION OF THE SHORELINE IN THE AREA DEPICTED IN THIS SURVEY AS THAT SHORELINE EXISTED BEFORE COMMENCEMENT OF EROSION RESPONSE ACTIVITY, AS REQUIRED BY CHAPTER 33, NATURAL RESOURCES CODE. THE LINE DEPICTED ON THIS SURVEY FIXES THE SHORELINE FOR THE PURPOSE OF LOCATING A SHORELINE BOUNDARY, SUBJECT TO MOVEMENT LANDWARD AS PROVIDED BY SECTION 33.136, NATURAL RESOURCES CODE.

TEXAS GENERAL LAND OFFICE
Art. 33.136, Natural Resources Code
County ARANSAS, Sk. No. 2
File Date 6-28-2000 by D.J.H.
For PC part
See NRC Art. 33.156 Report
Aransas Co. Filed in Book

STATE OF TEXAS §
COUNTY OF SAN PATRICIO §

I, GEORGE M. PYLE, LICENSED STATE LAND SURVEYOR, HEREBY CERTIFY THAT THE FOREGOING SHORELINE SURVEY WAS MADE ON THE GROUND UNDER MY SUPERVISION AND THAT THE LIMITS, BOUNDARIES AND CORNERS, NATURAL AND ARTIFICIAL, ARE TRULY DESCRIBED HEREON TO THE BEST OF MY KNOWLEDGE. THE SHORELINE THROUGH THESE FILLED AND DREDGED AREAS WAS ESTABLISHED BY DIGITIZING TXDOT AERIAL PHOTOS 1-030 AND 2-036, DATED NOVEMBER 26, 1996.

George M. Pyle
GEORGE M. PYLE, R.P.L.S. #1256, L.S.L.S.
13745 EAGLENEST BAY DR.
CORPUS CHRISTI, TEXAS 78418

FIELDWORK AND PLATTING CONDUCTED UNDER THE DIRECTION OF DAVID A. PYLE, R.P.L.S. #4700



EXISTING ARTIFICIAL FILLED AREA

DIGITIZED SHORELINE FROM PHOTO

EXISTING DREDGED CHANNEL

SET 5/8 I.R. WITH CAP STAMPED "N.E.L. RPLS-4700"

TEXAS DEPARTMENT OF TRANSPORTATION VOL. X-2, PAGE 12 D.R.A.C.T.

JACK CREAGER CLARK W. BIRSCHWALE, TRUSTEE FILE NO. 233809 D.R.A.C.T.

SET 5/8 I.R. WITH CAP STAMPED "N.E.L. RPLS-4700"

EXISTING SHORELINE FROM PHOTO

N 17252330.82
E 1414964.21

S51°17'57"W
4.29 varas (11.92')

N80°19'16"W
15.47 varas (42.99')

S85°40'00"W
14.96 varas (41.57')

N59°56'32"W
13.36 varas (37.11')

S86°52'36"W
7.45 varas (20.70')

S37°39'58"W
28.99 varas (80.52')

S63°35'40"W
23.16 varas (64.32')

S84°46'03"E
59.25 varas (164.60')

S81°09'57"E
37.91 varas (105.31')

S87°01'59"W
31.61 varas (87.81')

S72°46'27"W
6.75 varas (18.75')

N89°50'27"E
17.11 varas (47.54')

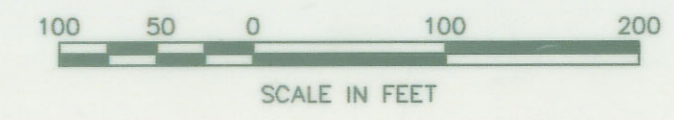
S56°35'09"W
16.13 varas (44.81')

N 17252244.31
E 1414208.50

N 17253711.17
E 1413359.08

ISIAH GILLILAND SURVEY, A-71

D.W. GRANT
IRIS POWELL GRANT, TRUSTEE
VOL. 220, PAGE 403
D.R.A.C.T.



NAISMITH ENGINEERING, INC.
ENGINEERING • ENVIRONMENTAL • SURVEYING
4501 Galtier Rd. Corpus Christi, Texas 78411 (361)-814-9900
P.O. Box 3099 Corpus Christi, Texas 78403

SHORELINE SURVEY OF PORTIONS OF THE EAST AND WEST SHORELINES OF STATE OF TEXAS, PUERTO BAY, SUBMERGED TRACT NO. 3, ARANSAS COUNTY, TEXAS, IN THE VICINITY OF STATE HIGHWAY NO. 188, BRIDGE CROSSING OF SAID PUERTO BAY.

Project No.: 4112	Date: 1 DEC 2000	Checked By:	Dwg. No. SHORELINE-188
Scale: 1"=100'	Drawn By: MAC/RMW	Approved By:	Sheet 1 OF 1

7 mi
S 72°W

RECEIVED
DEC 04 2000
GENERAL LAND OFFICE

December 1, 2000

David Dewhurst, Commissioner
Texas General Land Office
1700 North Congress Avenue, Room 812
Austin, Texas 78701

C/O Mr. Ben Thompson, Director of Surveying.

Re: Shoreline survey Puerto Bay Tract, Aransas County, Texas.

Dear Ben:

I am herewith submitting a shoreline survey and report for portions of the east and west boundary lines of Puerto Bay, State Submerged Tract 3, situated in Aransas County, Texas. The subject survey is located at the existing bridge crossing of State Highway No. 188. Both shores are adjoined by existing state owned Highway 188 right-of-way, of which the Texas Department of Transportation (TXDOT) is custodian.

Improvements to and widening of the highway are contemplated in the future by TXDOT and the subject survey serves dual purposes. First, it is necessary to establish the boundary of the upland tracts, adjacent to the highway right-of-way, to allow TXDOT to define the amount of property to be acquired for proposed widening of the existing highway. Second, the bridge crossing exists without benefit of easement and the subject survey is necessary to establish the shoreline in the event an easement is required.

I am requesting approval of the subject shoreline boundary pursuant to Section 33.136, Natural Resources Code, V.T.C.A.

Aransas Co. NRC article 33.136 sketch 1
File No. Sketch File 39

Thank You:

George M. Pyle
George M. Pyle
R.P.L.S. No. 1258 - L.S.L.S.

ARANSAS County

Transmittal Letter

Date Filed: June 28, 2001

David Dewhurst, Commissioner
By Douglas Howard



December 1, 2000

Shoreline Boundary Survey Report

The shoreline being surveyed is described as:

BEING PORTIONS OF THE EAST AND WEST SHORELINE OF PUERTO BAY SUBMERGED LAND TRACT NO. 3, ARANSAS COUNTY, TEXAS, AT STATE HIGHWAY NO. 188

A Mean High Water (MHW) level was established by observing a staff gauge, at the site for a period of seventy-two (72) hours and comparing the results with Operative Base Network Control Station, designated NOAA 87745131, located at the south end of Copano Bay State Fishing Pier. This station is also designated by the Conrad Blucher Institute as "Copano Bay" ID No. 036. The elevation of MHW was established as 0.2 feet, NAVD 88, by running levels from NGS vertical monument F 603 RESET (third order), which has a published elevation of 7.7 feet. This is an adjusted value from a superseded elevation of 8.2 feet, NGVD 29.

Artificial fill and a dredged channel covers a portion of the Puerto Bay Submerged Tract 3, where an existing bridge crossing for State Highway No. 188 is located. The limits of this fill are outlined on the survey plat provided. This fill area exists without benefit of an existing easement from the General Land Office. The shoreline through these filled and dredged channels areas was digitized from TXDOT Photos from TXDOT Aerial Photos 1-030 and 2-036, dated November 26, 1996.

The remaining shoreline has multiple characteristics. The natural shoreline north and south of the artificial filed and dredged area is predominantly a vertical cut bank approximately eighteen (18) inches high. There are isolated stretches of variable height bank with sloping beaches. The shoreline on the latter locations was established by elevation 0.2 NAVD 88.

In addition to the attached survey plat, I am including the following exhibits:

Exhibit No. 1: Digitized C&GS Aerial Photo L7760, Dated 10-22-65, on a scale of 1" = 1,150± .

Exhibit No. 2: TXDOT Aerial Photos 1-030 and 2-036, Dated 11-26-96, on a ratio scale of 1:3000± .

Exhibit No. 3: Digitized ^{TOSIN INTERNATIONAL 1140-035} TXDOT Aerial Photos ~~1-030 and 2-036~~, Dated 11-26-96, on a ~~ratio~~ scale of 1:3000±, with the State Highway No. 188 Proposed Alignment superimposed on it.
1" = 200±

Aransas Co. NRC Article 33.136 Sketch 1
File No. Sketch File 39A

ARANSAS County

Report Accompanying Rld Sk.
32 and Art. 33.136 sketch 1

Date Filed: June 28, 2001

George M. Pyle
George M. Pyle
R.P.L.S. No. 1258 - L.S.L.S.

David Dewhurst, Commissioner

By Douglas Howard



0917759120725031

SCALE APPROX. 1" = 850'

NRC Art. 33.136 Arkansas Co. Sketch No. 1, Exhibit 2

scale 4163r

11-26-96

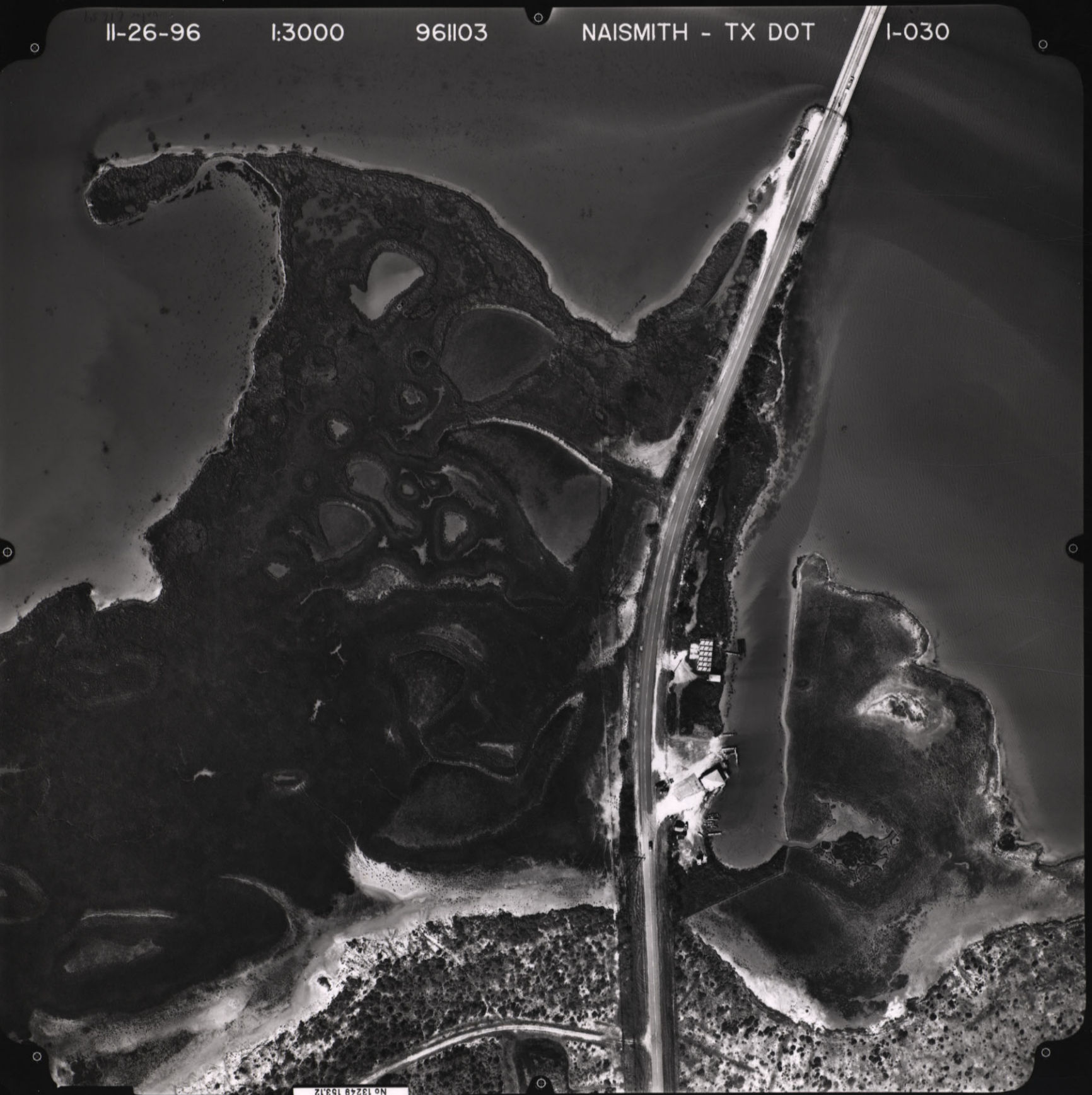
1:3000

961103

NAISMITH - TX DOT

1-030

FS300 1/200 F/4.0 2/3 FF--- ED----- SP- w/h.13620 00% dt004.0 ds027 26.1V -69mb ER00 CHH5234



WILD 15/4 UA6-S
No 13249 159.12

1 137

NRC Act. 33.136
Aransas Co.
Sketch No. 1
Exhibit 4

11-26-96

1:3000

961103

NAISMITH - TX DOT

12-036

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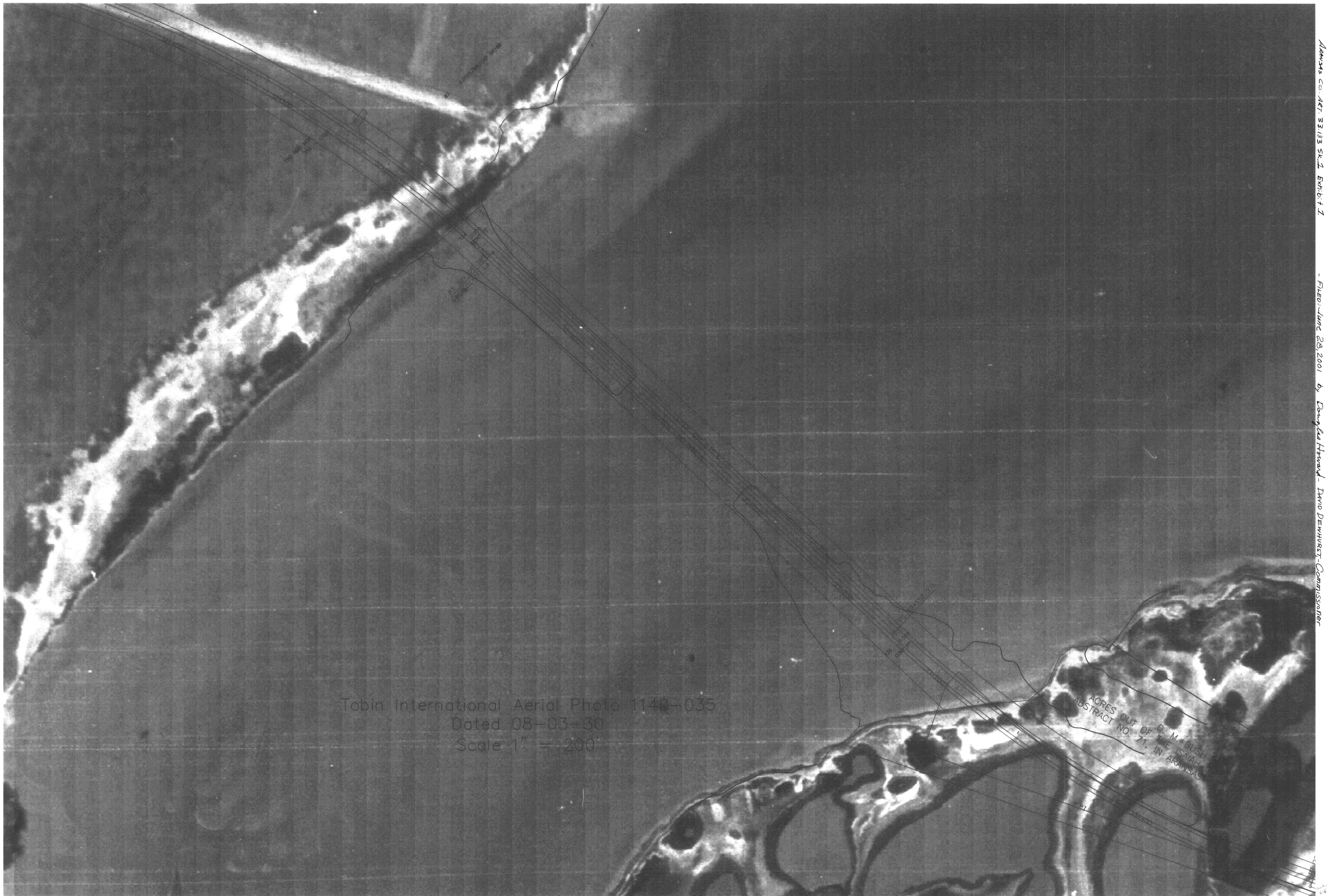
1143

WILD 15/4 UAG-S
No 13249 153.12

count 61641

NRC Art 33.136
Aransas Co.

Sketch No. 1
Exhibit 5



Tobin International Aerial Photo 1140-035
Dated 08-03-30
Scale 1" = 200'

ACRES OUT OF
ABSTRACT NO. 71,
D. M. BUSH
THE ISAIAH
IN ARKANSAS

Arkansas Co. APT. 33133 SK. 2, Exhibit 1

- Filed: June 29, 2001 by Douglas Howard - David Demhurst, Commissioner

REYNOLDS METALS COMPANY
VOLUME 137, PAGE 239
D.R.A.C.T.
SEC. 76

SIXTH SUBDIVISION OF THE TAFT FARM LANDS
VOL. 1, PG. 50, MAP RECORDS OF
ARANSAS COUNTY, TEXAS

JAMES DOWNING
SURVEY-NO. 7

REYNOLDS METALS COMPANY
VOLUME 137, PAGE 239
D.R.A.C.T.
SEC. 76

ALONSO MARSH
SURVEY-NO. 10

N 17253944.31
E 1413671.50

S31°48'14"W
13.86 varas (37.94')

S22°19'38"W
18.39 varas (51.06')

S23°28'43"W
8.67 varas (24.07')

N63°05'35"E
78.73 varas (218.69')

30.93 varas (85.91')

S73°17'09"W
9.92 varas (27.55')

S59°35'57"W
17.54 varas (48.71')

N 17253711.17
E 1413359.08

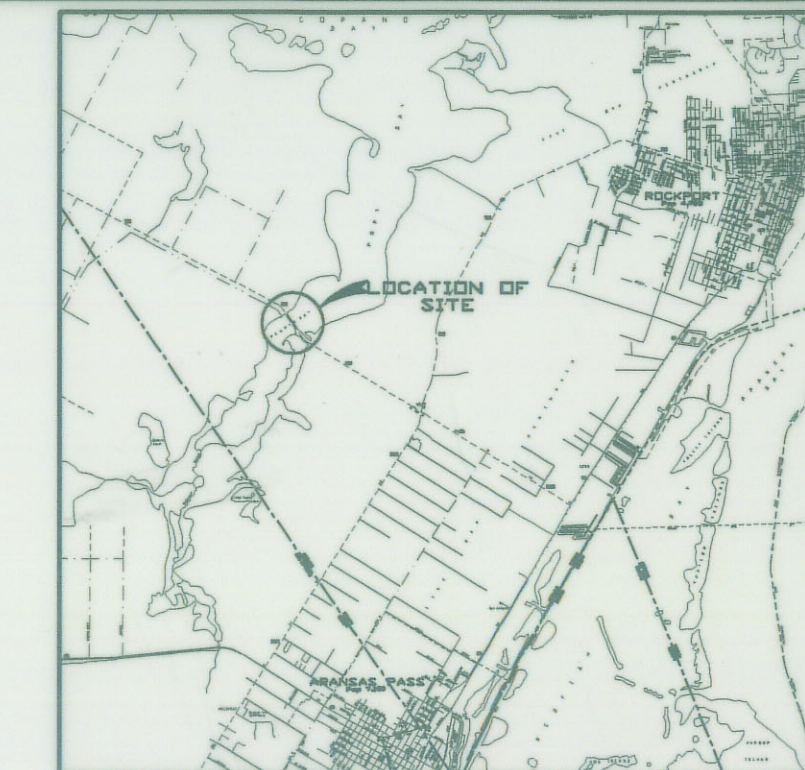
DIGITIZED SHORELINE
FROM PHOTO

EXISTING ARTIFICIAL
FILLED AREA

PUERTO BAY
TRACT NO. 3
SUBMERGED

00°36'14.5" @ THE INTERSECTION OF
STATE HIGHWAY 188 AND THE WEST
SHORELINE OF PUERTO BAY.

TEXAS STATE PLANE COORDINATE
SYSTEM, SOUTH ZONE



LOCATION MAP
NOT TO SCALE

OWNERS:

D. W. GRANT, ET AL TO
THE STATE OF TEXAS

JACK CREAGER
963 OLD COLIAD RD.
VICTORIA, TEXAS 77901

TEXAS DEPARTMENT OF
TRANSPORTATION

REYNOLDS METALS COMPANY

NOTES:

- BEARINGS AND COORDINATES ARE SURFACE, ESTABLISHED FROM TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NORTH AMERICAN DATUM OF 1983 AND ESTABLISHED FROM THE FOLLOWING NGS HORIZONTAL MONUMENTS:
* TRACK 1934
* BLANCO 2
- SHORELINE LOCATED AT MEAN HIGH WATER AS DETERMINED FROM LOCAL TIDE STAFF READINGS COMPARED TO OPERATIVE BASE NETWORK CONTROL STATION, LOCATED AT SOUTH END OF CORANO BAY STATE FISHING PIER, STATION DESIGNATION NOAA 87745131 MEAN HIGH WATER ELEVATION DETERMINED AS 0.2 FEET NAVD (0.7 FEET NGVD) FROM NGS VERTICAL CONTROL MONUMENT DESIGNATED F603 RESET 1950 (ELEV. 7.7 FEET NAVD 1988).

NOTICE:

THIS SURVEY WAS PERFORMED IN ACCORDANCE WITH SECTION 33.136, NATURAL RESOURCES CODE, FOR THE PURPOSE OF EVIDENCING THE LOCATION OF THE SHORELINE IN THE AREA DEPICTED IN THIS SURVEY AS THAT SHORELINE EXISTED BEFORE COMMENCEMENT OF EROSION RESPONSE ACTIVITY, AS REQUIRED BY CHAPTER 33, NATURAL RESOURCES CODE. THE LINE DEPICTED ON THIS SURVEY FILLS THE SHORELINE FOR THE PURPOSE OF LOCATING A SHORELINE BOUNDARY, SUBJECT TO MOVEMENT LANDWARD AS PROVIDED BY SECTION 33.136, NATURAL RESOURCES CODE.

STATE OF TEXAS §
COUNTY OF SAN PATRICIO §

I, GEORGE M. PYLE, LICENSED STATE LAND SURVEYOR, HEREBY CERTIFY THAT THE FOREGOING SHORELINE SURVEY WAS MADE ON THE GROUND UNDER MY SUPERVISION AND THAT THE LIMITS, BOUNDARIES AND CORNERS, NATURAL AND ARTIFICIAL, ARE TRULY DESCRIBED HEREON TO THE BEST OF MY KNOWLEDGE. THE SHORELINE THROUGH THESE FILLED AND DREGGED AREAS WAS ESTABLISHED BY DIGITIZING TADOT AERIAL PHOTOS 1-030 AND 2-036, DATED NOVEMBER 26, 1996.

George M. Pyle 2-14-01
GEORGE M. PYLE, R.P.L.S., L.S.L.S.
13745 EAGLENEST BAY DR.
CORPUS CHRISTI, TEXAS 78418

FIELDWORK AND PLATTING CONDUCTED UNDER THE DIRECTION OF DAVID A. PYLE, R.P.L.S. #4700

TEXAS GENERAL LAND OFFICE
Art. 23.136, Natural Resources Code
County ARANSAS, Sk. No. 1A
File Date 6-28-2001 by D.A.H.
For report
See NRC Art. 33.136 Report #2
Aransas Co. Filed in box.

EXISTING ARTIFICIAL FILLED AREA

DIGITIZED SHORELINE FROM PHOTO

EXISTING DREGGED CHANNEL

N 17252330.82
E 1414964.21

S51°17'57"W
15.47 varas (42.99')

N80°19'16"W
4.29 varas (11.92')

S65°40'00"W
14.96 varas (41.57')

S84°46'03"E
59.25 varas (164.60')

S81°09'57"E
37.91 varas (105.31')

S37°39'58"W
28.99 varas (80.52')

S63°35'40"W
23.16 varas (64.32')

N59°56'32"W
13.36 varas (37.11')

S86°52'36"W
7.45 varas (20.70')

N89°50'27"E
17.11 varas (47.54')

S78°32'01"E
17.49 varas (48.59')

S56°35'09"W
16.13 varas (44.81')

S87°01'58"W
31.61 varas (87.81')

S72°46'27"W
6.75 varas (18.75')

17.26 varas (47.95')

34.21 varas (95.04')

N 17252244.31
E 1414208.50

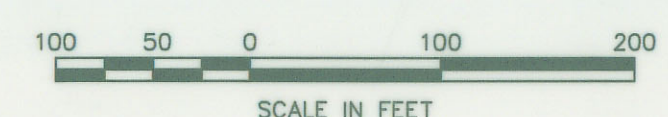
SET 5/8 I.R. WITH CAP
STAMPED "E.L. RPLS-4700"

TEXAS DEPARTMENT OF
TRANSPORTATION
VOL. X-2, PAGE 12
D.R.A.C.T.

JACK CREAGER
CLARK W. BIERSCWALE, TRUSTEE
FILE NO. 233809
D.R.A.C.T.

EXISTING DREGGED CHANNEL

D.W. GRANT
IRIS POWELL GRANT, TRUSTEE
VOL. 220, PAGE 403
D.R.A.C.T.



E. J. FORD
VOL. 321, PAGE 49
D.R.A.C.T.

ISAIAH GILLILAND SURVEY, A-71

ARANSAS Co. Article 33.136 Sketch No. 1A

NEI NAISMITH ENGINEERING, INC.
ENGINEERING • ENVIRONMENTAL • SURVEYING
4501 Oakstar Rd. Corpus Christi, Texas 78411 (361)-814-9900
P.O. Box 5099 Corpus Christi, Texas 78403

SHORELINE SURVEY
OF
PORTIONS OF THE EAST AND WEST SHORELINES OF STATE OF TEXAS,
PUERTO BAY, SUBMERGED TRACT NO. 3, ARANSAS COUNTY, TEXAS, IN
THE VICINITY OF STATE HIGHWAY NO. 188, BRIDGE CROSSING OF SAID
PUERTO BAY.

Project No.: 4112	Date: 14 FEB 2001	Checked By:	Dwg. No. SHORELINE-188
Scale: 1"=100'	Drawn By: MAE/RMW	Approved By:	Sheet 1 Of 1

File No. NRC Act. 33.136 ^{Sketch} ~~Report 1~~

ARANSAS County

February 14, 2001

Date Filed: 6-28 ~~6-25~~ - 2001

David Dewhurst, Commissioner
Texas General Land Office
1700 North Congress Avenue, Room 812
Austin, Texas 78701

By David Dewhurst, Commissioner
Douglas Howard

~~See NRC Act. 33.136 sketch 1~~

for sketches & exhibits - 1-3

C/O Mr. Ben Thompson, Director of Surveying.

Re: Shoreline survey Puerto Bay Tract, Aransas County, Texas.

Dear Ben:

I am herewith submitting a shoreline survey and report for portions of the east and west boundary lines of Puerto Bay, State Submerged Tract 3, situated in Aransas County, Texas. The subject survey is located at the existing bridge crossing of State Highway No. 188. Both shores are adjoined by existing state owned Highway 188 right-of-way, of which the Texas Department of Transportation (TXDOT) is custodian.

Improvements to and widening of the highway are contemplated in the future by TXDOT and the subject survey serves dual purposes. First, it is necessary to establish the boundary of the upland tracts, adjacent to the highway right-of-way, to allow TXDOT to define the amount of property to be acquired for proposed widening of the existing highway. Second, the bridge crossing exists without benefit of easement and the subject survey is necessary to establish the shoreline in the event an easement is required.

I am requesting approval of the subject shoreline boundary pursuant to Section 33.136, Natural Resources Code, V.T.C.A.

Thank You:

George M. Pyle
George M. Pyle
R.P.L.S. No. 1258 - L.S.L.S.

H:\Eng_D\4112\001201gmp-Submtl.Doc



February 14, 2001

**Shoreline Boundary Survey Report
Puerto Bay, Aransas County, Texas**

The shoreline being surveyed is described as:

**BEING PORTIONS OF THE EAST AND WEST SHORELINE OF PUERTO BAY
SUBMERGED LAND TRACT NO. 3, ARANSAS COUNTY, TEXAS, AT STATE
HIGHWAY NO. 188**

A Mean High Water (MHW) level was established by observing a staff gauge, at the site for a period of seventy-two (72) hours and comparing the results with Operative Base Network Control Station, designated NOAA 87745131, located at the south end of Copano Bay State Fishing Pier. This station is also designated by the Conrad Blucher Institute as "Copano Bay" ID No. 036. The elevation of MHW, at the subject project site, was established as 0.2 feet, NAVD 88, by running levels from NGS vertical monument F 603 RESET (third order), which has a published elevation of 7.7 feet. This is an adjusted value from a superseded elevation of 8.2 feet, NGVD 29.

Artificial fill has been placed over portions of Puerto Bay Submerged Tract 3, where an existing bridge crossing for State Highway No. 188 is located. Also a channel has been dredged on the uplands adjacent to the east shoreline of said Tract 3 on the north side of Highway No. 188. The shoreline defining these filled and dredged channel areas was digitized from Texas Department of Transportation (TXDOT) Aerial Photos of State Highway No. 188, and included on the attached survey plat. Digitized versions of these photos are included as Exhibit No. 3 as described below. Portions of the shoreline shown crossing the artificial filled area are digitized from a 1930 Tobin aerial photo (Exhibit 1, described below) and plotted on the survey plat.

The remaining shoreline, as surveyed, has multiple characteristics. The natural shoreline north and south of the artificial filled and dredged area is predominantly a vertical cut bank approximately eighteen (18) inches high. There are isolated stretches of variable height bank with sloping beaches. The shoreline on the latter locations was established by utilizing the above described elevation 0.2 NAVD 88.

Based on a search of General Land Office records, it appears the fill area exists without benefit of an existing easement. Disposition of the dredged channel is not known at the time of survey.

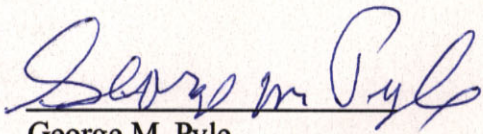
In addition to the attached survey plat, I am including the following exhibits:

Exhibit No. 1: Blueline copy of a digitized Tobin International Aerial Photo 1140-035, Dated 08-03-30, on a scale of 1" = 100' ± with the State Highway No. 188 Proposed Alignment superimposed on it.

Exhibit No. 2: Blueline copy of a digitized C&GS Aerial Photo L7760, Dated 10-22-65, on a scale of 1" = 1,150'±.

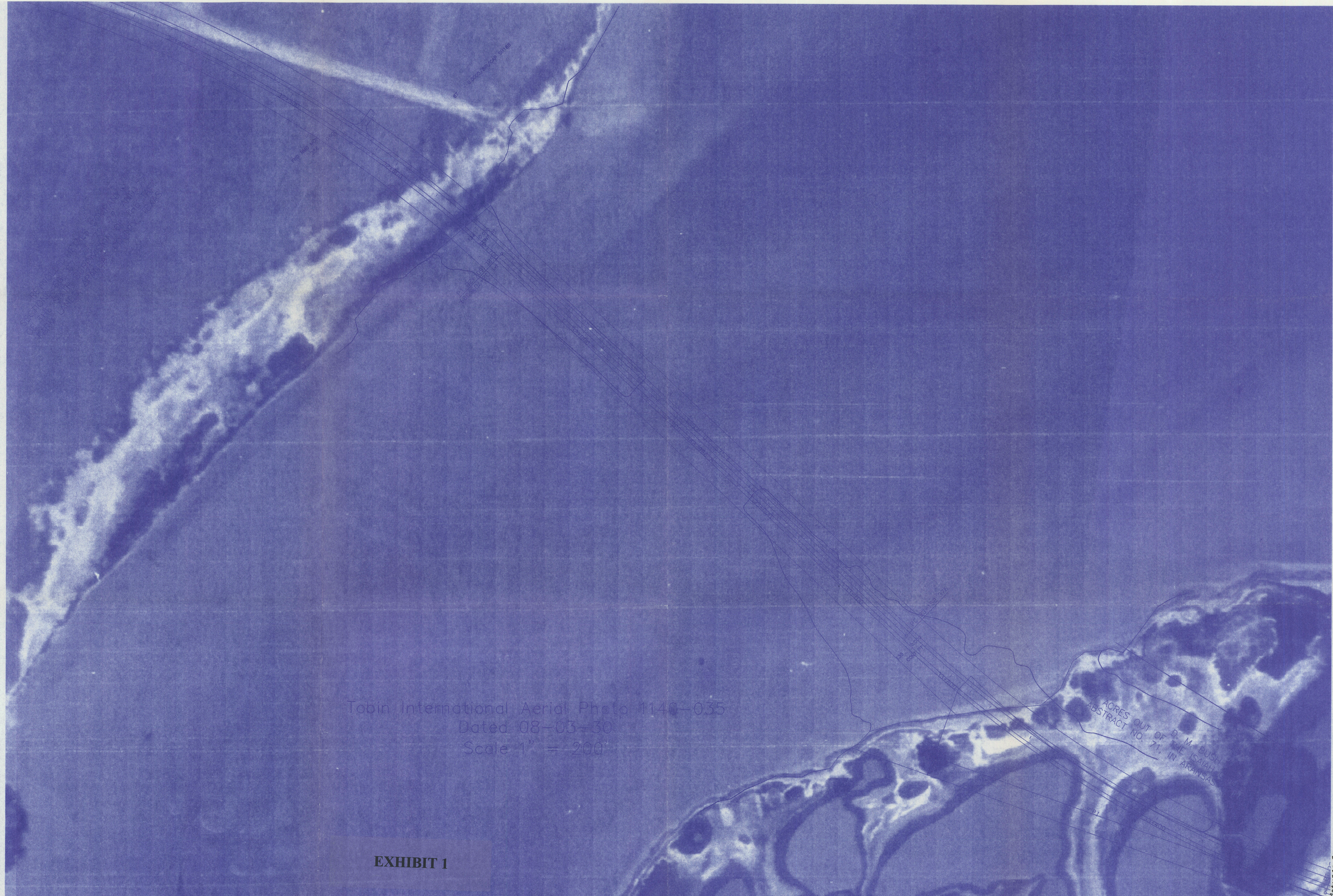
Exhibit No. 3: Blueline copy of digitized TXDOT Aerial Photos 1-030 and 2-036, Dated 11-26-96, on a scale of 1" = 100'±.

Reproducible versions of the above exhibits, on mylar media, are also attached for your convenience. If desired, electronic copies of the .tif files for these photos can be obtained from Naismith Engineering, Inc., in Corpus Christi, Texas, by contacting David Pyle, Survey Department Manager @ tel. (361) 814-9900 or by mail at 4501 Gollihar Road, 78411.



George M. Pyle
R.P.L.S. No. 1258 - L.S.L.S.

H:\Eng_D\4112\001201gmp-Rpt.Doc



Tobin International Aerial Photo 1140-035
Dated 08-03-30
Scale 1" = 200'

D. M. BUSH
ACRES OUT OF THE ISAIAH
ABSTRACT NO. 71, IN ARKANSAS

EXHIBIT 1



C

75

8

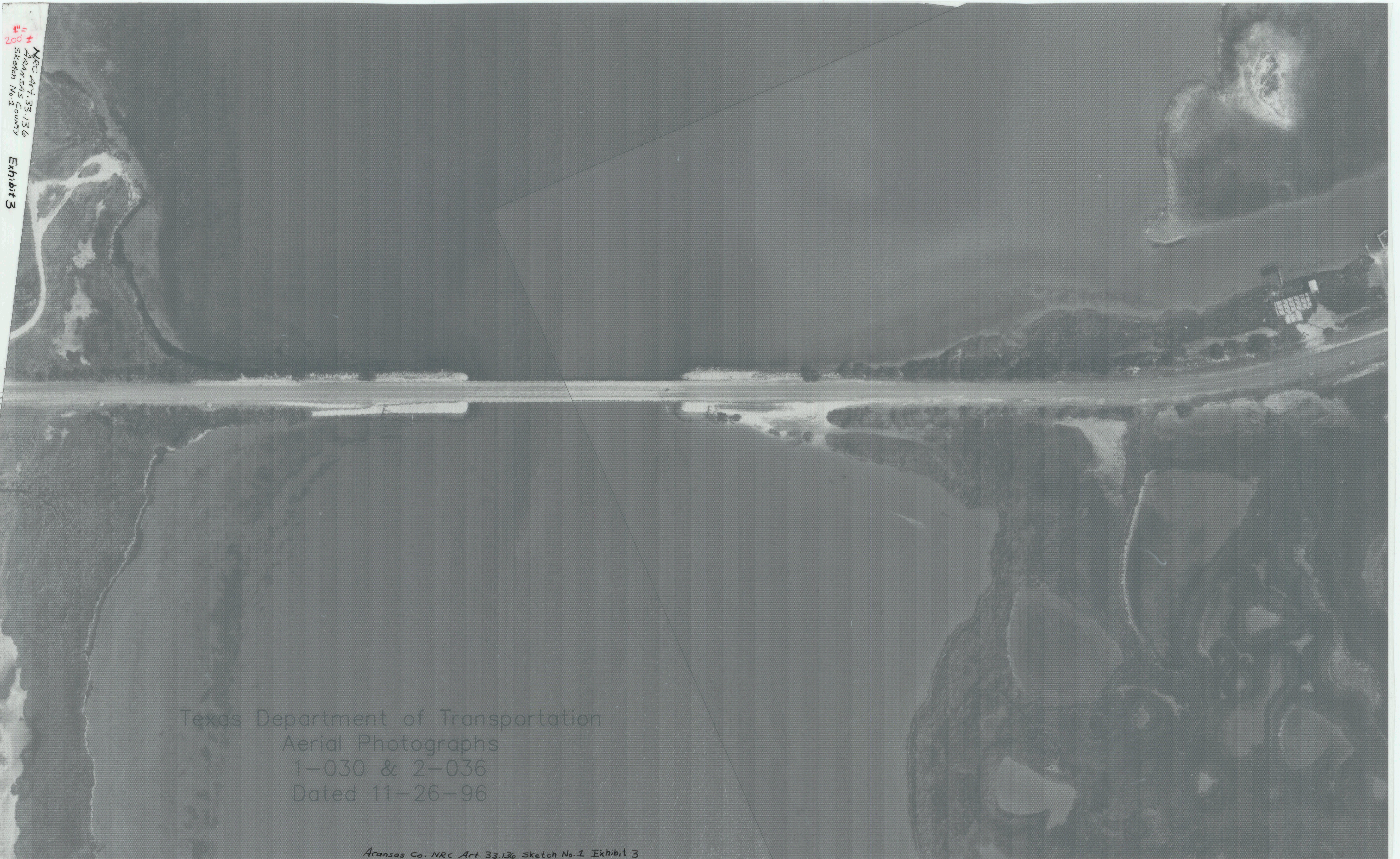
NRc Art. 33.136 Kansas Co. Sketch No. 1 Exhibit 2-A

EXHIBIT 2

PR5220C16SL7/60

ART. 33.136
KANSAS CO.
SKETCH NO. 1

Kansas Co. NRc Art. 33.136 Sketch No. 1 Exhibit 2-A



11
207
NRC Art. 33.136
Aransas County
Sketch No. 1
Exhibit 3

Texas Department of Transportation
Aerial Photographs
1-030 & 2-036
Dated 11-26-96

Arkansas County

Date Filed: 6-28-2001

David Dewhart, Commissioner
By Douglas Howard

1" = 1150'



097775917072511

FAC204A.TIF

①

SCALE
1" = 1150'