

State of Alaska  
 Department of Fish and Game  
 Nomination for Waters  
 Important to Anadromous Fish

1990  
 Year of Revision

Anadromous Water Catalog Volume Southcentral  
 USGS Quad (54) Seldovia D-5  
 Name of Waterway \_\_\_\_\_  
 Anadromous Water Catalog Number of Waterway \_\_\_\_\_  
241-10-10010-2011-3008

Change to \_\_\_\_\_ Atlas  
 \_\_\_\_\_ Catalog  
 Both  
 Addition   
 Deletion \_\_\_\_\_  
 Correction \_\_\_\_\_

*Stewart  
 what about other  
 streams on  
 survey*

For Office Use

Nomination #	<u>90 380</u>
<i>[Signature]</i> Regional Supervisor	<u>11/15/89</u> Date
<u>SJS</u>	<u>12/13/89</u>
<u>FI</u> Drafted	<u>12/5/89</u> Date

Name addition:  
 USGS name \_\_\_\_\_  
 Local name \_\_\_\_\_

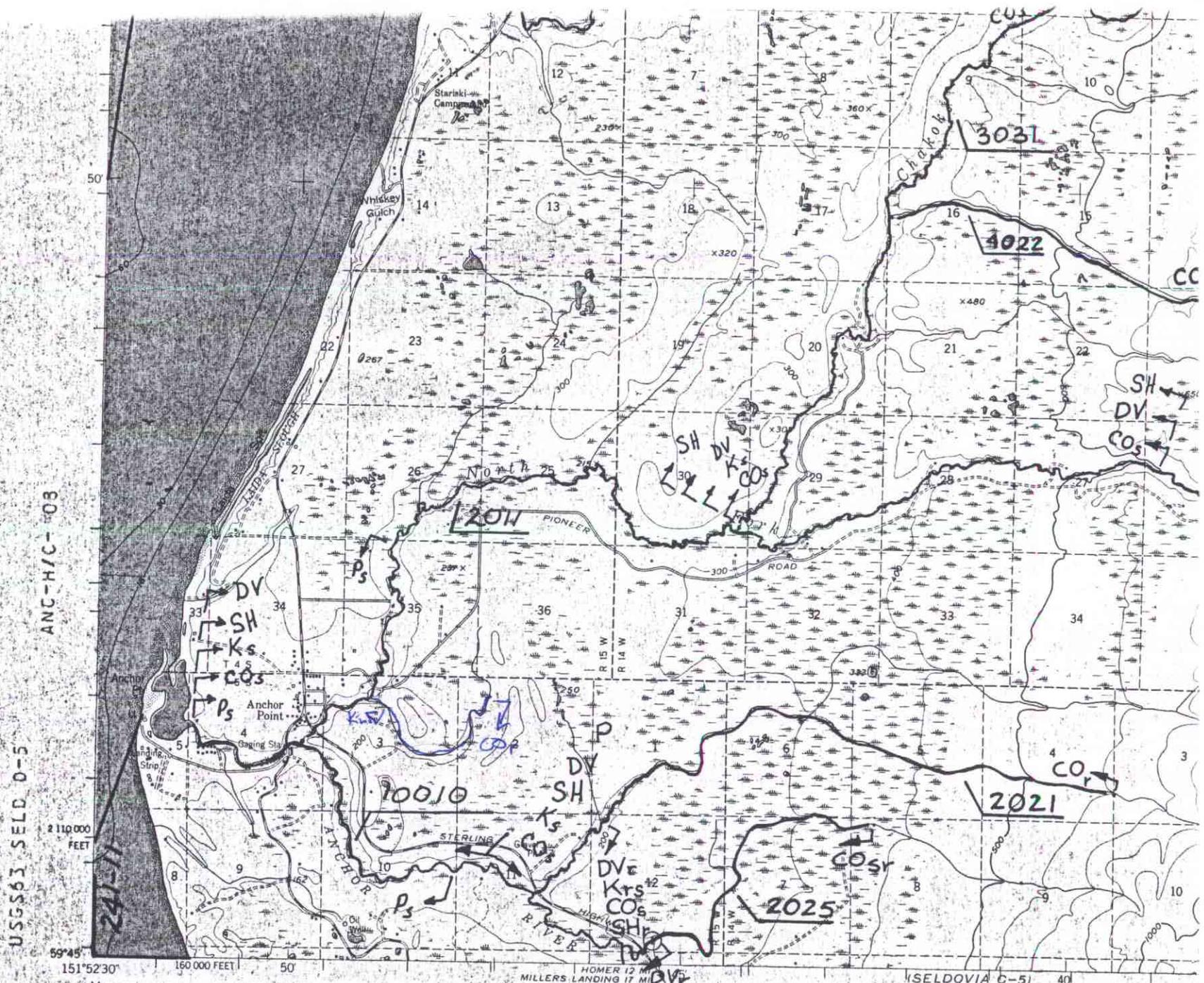
Species	Date(s) Observed	Spawning	Rearing	Migration
<u>Coho</u>	<u>Aug 3, 1989</u>		<u>X</u>	
<u>Chum</u>	<u>W</u>		<u>X</u>	

Comments: Provide any clarifying information, including number of fish observed, location of fish survey data, etc.

See Survey report By Susan Wick ADOT and PF

Attach a copy of a map showing location of mouth and upper points of each species, specific stream reaches identified for spawning or rearing, locations of barriers, such as falls. Attach a copy of the fish survey data, if available.

Name of Observer (please print) Stewart Seaberg for Susan Wick  
 Date: Aug 15, Signature: Stewart Seaberg  
 Address: ADFA/Habitat Div  
333 Raspberry Rd Anch  
 Signature of Area Biologist: \_\_\_\_\_



Mapped, edited, and published by the Geological Survey  
 Control by USCE  
 Topography by photogrammetric methods from aerial photographs  
 taken 1950 and 1951, field annotated 1961. Map not field checked  
 Selected hydrographic data compiled from USC&GS Charts  
 8531 (1:82 662 scale 1959) and 8554 (1:200 000 scale 1959)  
 This information is not intended for navigational purposes  
 Universal Transverse Mercator projection, 1927 North American datum

HOMER 12 MI  
 MILLERS LANDING 17 MI  
 DVr  
 SHR



CONTOUR INTERVAL 100 FEET  
 DATUM IS MEAN SEA LEVEL  
 DEPTH CURVES IN FEET - DATUM IS MEAN LOWER LOW WATER  
 SHOTLINE SHOWS THE BOUNDARIES. THESE APPROXIMATE BOUNDARIES ARE NOT TO BE USED FOR NAVIGATION.

# MEMORANDUM

# State of Alaska

ALASKA DEPT. OF  
FISH & GAME

TO: Diana Rigg  
Environmental Analyst

DATE: August 8, 1989

AUG 10 1989

FILE NO:

266-1507

REGION II  
HABITAT DIVISION

TELEPHONE NO:

THRU:

SUBJECT: Sterling Highway, MP 157-174  
Project No. 56961

Fish Trapping Data

FROM: Susan Wick   
Environmental Analyst  
Environmental Section

On August 3, 1989 Dan Golden and I trapped some of the wetlands along the Sterling Highway from MP 157-174 using standard minnow traps. Trap locations are marked on the attached maps. Not all of the wetlands adjacent to the highway were trapped. Wetlands that were either isolated or dry were not trapped.

Below is the capture data from the seven traps.

Site 1 - Near Alignment B. One minnow trap was placed in a tributary of the North Fork of the Anchor River at 2:20 p.m. and pulled at 5:30 p.m. Captured were 14 coho salmon, 2 chinook salmon, and 1 steelhead trout. The trout was approximately 4.5 inches long. Good flow.

Site 2 - Near Alignment C (off Greiner Avenue past Diane Street and Shannon Road). A trap was set in a fairly calm stretch of the same tributary as above at 2:50 p.m. and pulled at 5:45 p.m. Eight coho were captured.

Site 3 - One trap was set at 3:00 p.m. near a perched culvert at approximately MP 158.4 that flows towards the Anchor River. The trap was pulled at 5:50 p.m., however, no fish were caught. I suspect the culvert drains the wetlands that are to the east of the highway and that there is some type of blockage between the culvert and the Anchor River that prevents fish use of these wetlands.

Site 4 - The fourth minnow trap was set at 3:10 p.m. and pulled at 5:55 p.m. downstream of a culvert that flows towards the Anchor River. Zero fish were caught.

Site 5 - Two Moose Creek. A trap was placed downstream of the highway culvert at approximately MP 159.9. The creek was observed to have a good flow. The trap was set for 2 hours and 45 minutes. The trap was fairly full so the number of coho and chinook was estimated. Caught were 4 steelhead, 1 rainbow trout, 30 - 40 coho, and 10 - 15 chinook.

Site 6 - A trap was placed in a small, fairly stagnant wetlands with an outlet culvert that allows for flow towards the Anchor River. The trap soaked for approximately 3 hours. No fish were caught.

Site 7 - The last trap was set near the culvert on the Anchor River Road (North Fork Road) approximately 500 yards east of the Sterling Highway

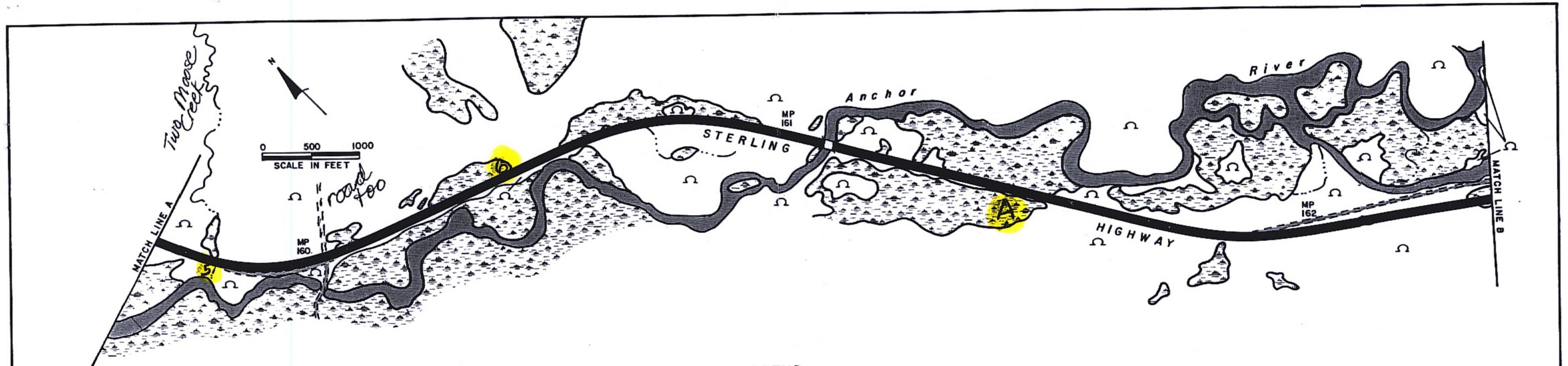
intersection. The trap was set at 3:50 p.m. and pulled at 5:15 p.m. Approximately 30 - 35 coho and 4 steelhead were captured.

Three other areas were investigated for fish, Site A, B, and C (see attached maps). At Site A fish were observed so no trap was set. At Site B the wetlands were dry therefore no trap was set. At Site C the area was walked to follow up on a hunch from ADF&G that there is a creek in the area. No stream was encountered.

To summarize the findings of this trip, fish were only captured where fish have access to the Anchor River or its' tributaries.

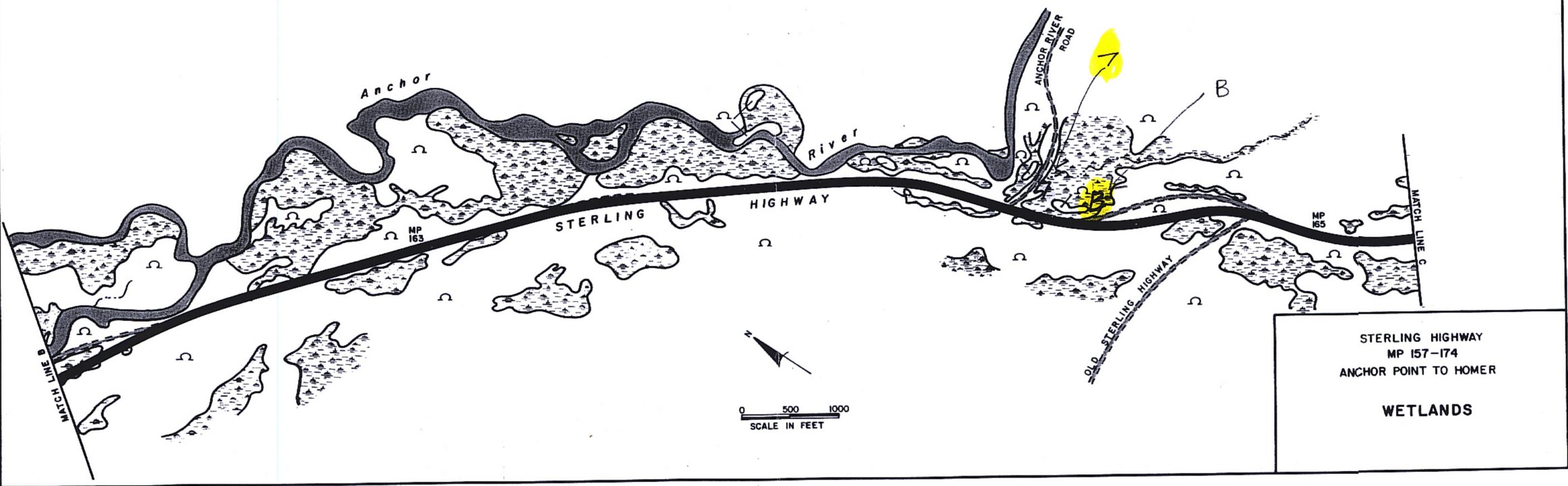
Attachment: Wetlands Maps

cc: Phil Brna, Habitat Biologist, ADF&G  
Dan Golden, Environmental Analyst, ADOT&PF



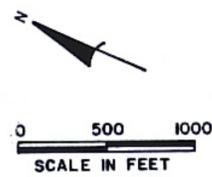
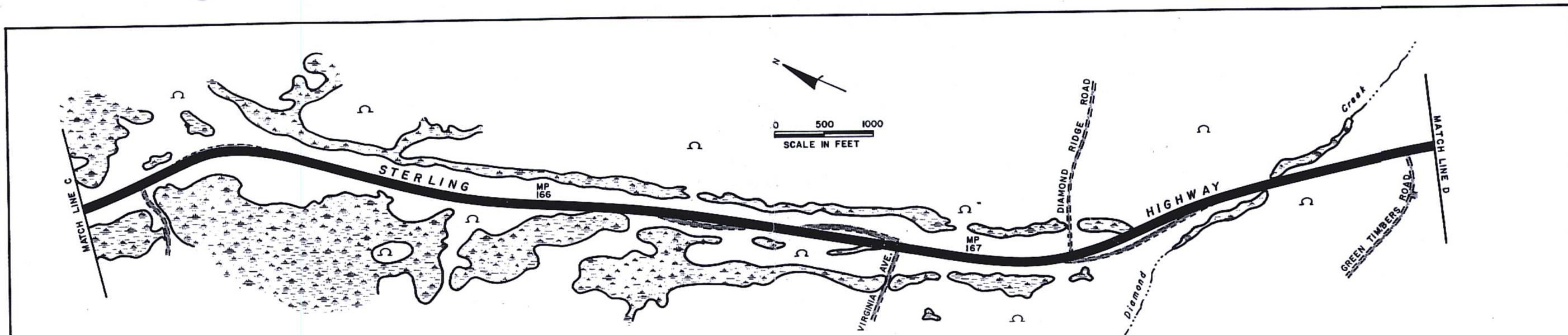
**LEGEND**

-  PROPOSED REALIGNMENT/ALTERNATIVE
-  EXISTING ROAD
-  PALUSTRINE WETLANDS
-  RIVERINE WETLANDS
-  UPLANDS



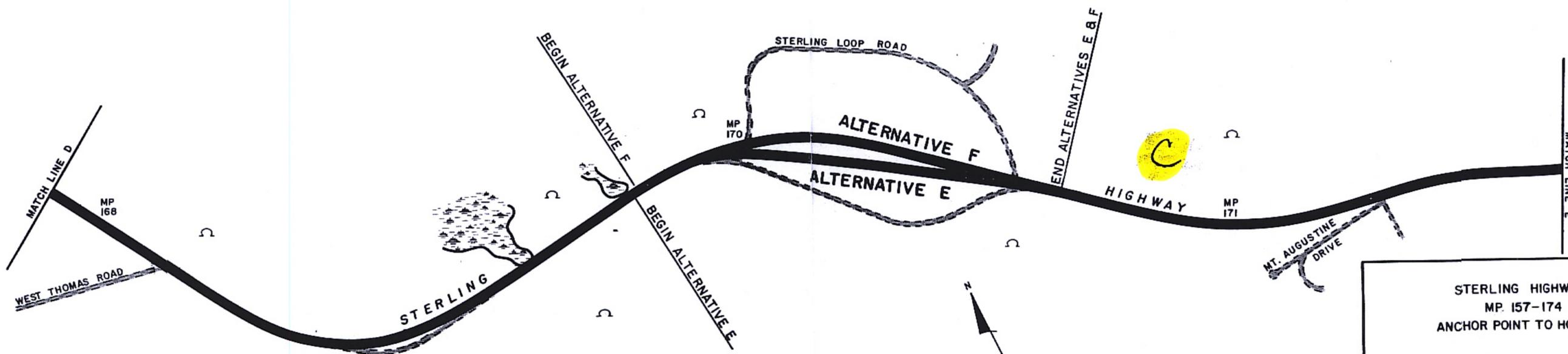
STERLING HIGHWAY  
 MP 157-174  
 ANCHOR POINT TO HOMER

**WETLANDS**



**LEGEND**

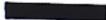
-  PROPOSED REALIGNMENT/ ALTERNATIVE
-  EXISTING ROAD
-  PALUSTRINE WETLANDS
-  RIVERINE WETLANDS
-  UPLANDS

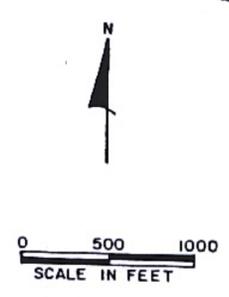
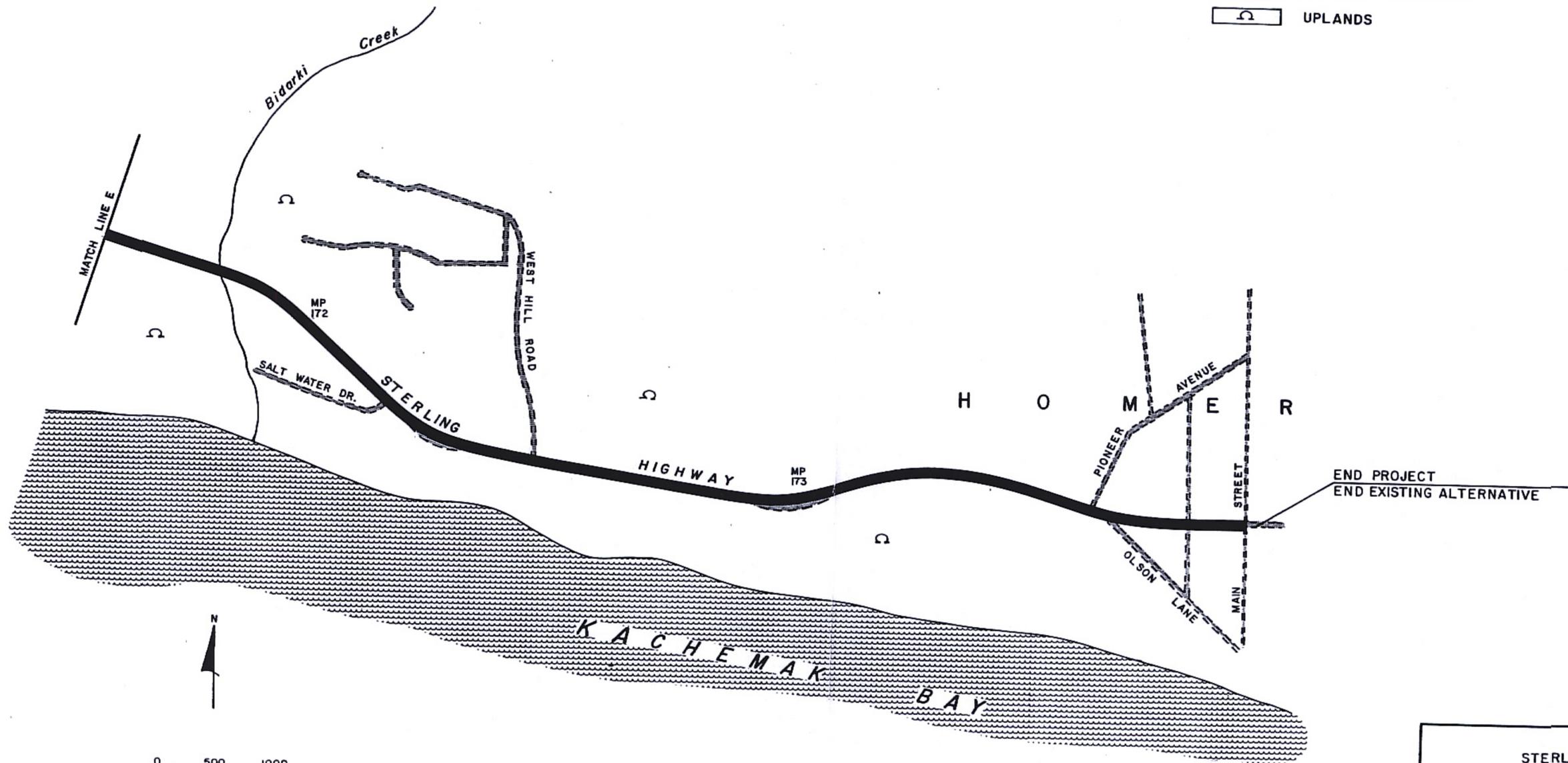


STERLING HIGHWAY  
 MP. 157-174  
 ANCHOR POINT TO HOMER

WETLANDS

LEGEND

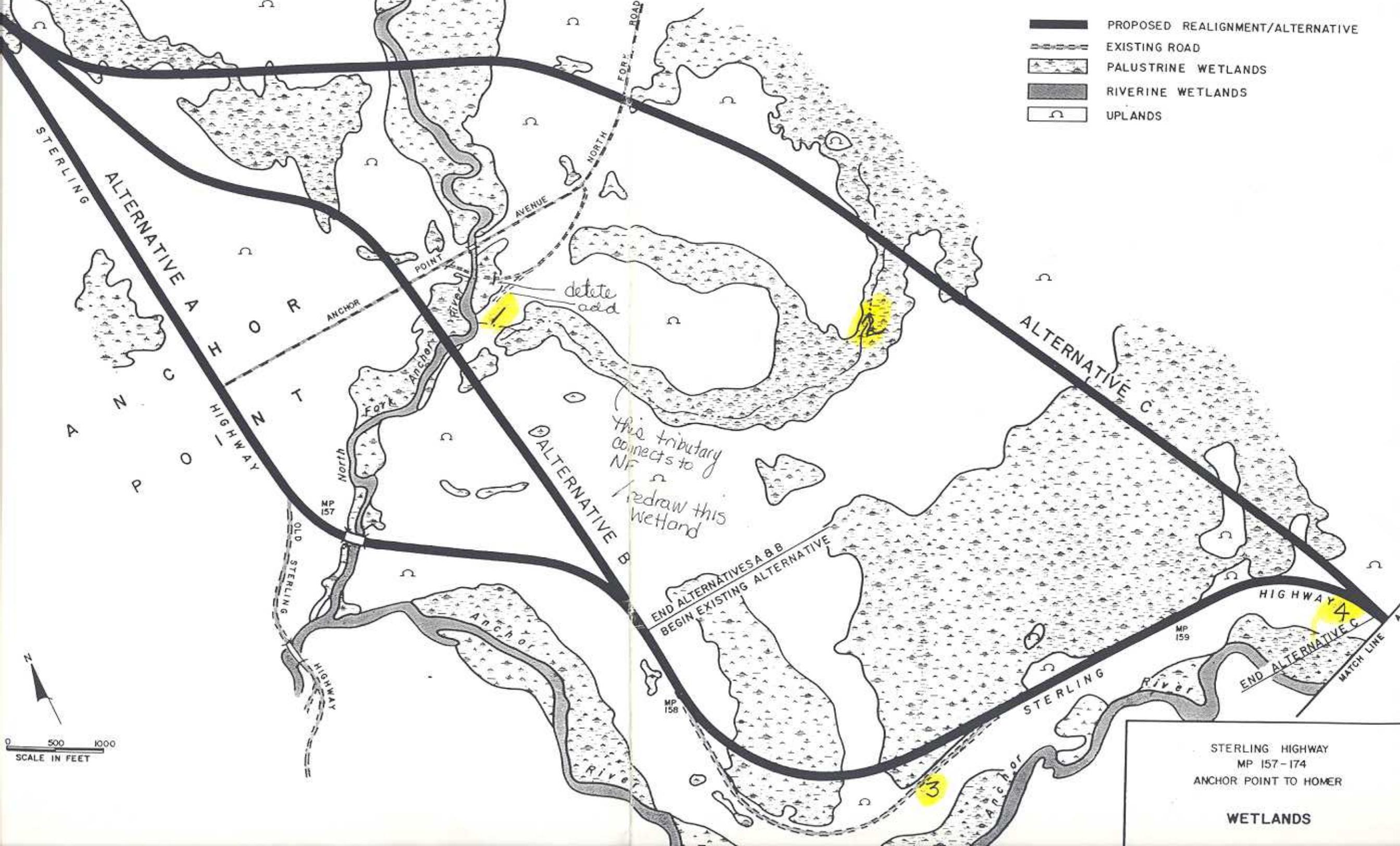
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-  RIVERINE WETLANDS
-  UPLANDS



STERLING HIGHWAY  
 MP 157-174  
 ANCHOR POINT TO HOMER

WETLANDS

-  PROPOSED REALIGNMENT/ALTERNATIVE
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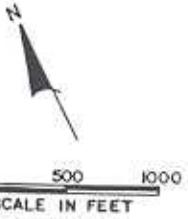
STERLING  
ANCHOR  
HOMER  
ALTERNATIVE A  
HIGHWAY

ALTERNATIVE C

ALTERNATIVE B

END ALTERNATIVES A & B  
BEGIN EXISTING ALTERNATIVE

HIGHWAY 4  
END ALTERNATIVE C  
MATCH LINE



STERLING HIGHWAY  
MP 157-174  
ANCHOR POINT TO HOMER  
  
WETLANDS

*delete add*

*this tributary connects to NF*

*redraw this wetland*

3

4