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

1992
Year of Revision

92-733

ALASKA DEPT. OF
FISH & GAME

DEC 24 1991

REGION II
HABITAT DIVISION

Anadromous Water Catalog Volume S. E. BERING GLACIER A-4

USGS Quad ~~ICY BAY D-2 + D-3~~ (T.22S. R19E, SEC 4)

Name of Waterway FELTON CREEK

Anadromous Water Catalog Number of Waterway 191-20-11100

Change to X Atlas
Catalog
X Both

ADDITIONAL INFO

Addition
Deletion X
Correction

Name addition:
USGS name FELTON CREEK
Local name

For Office Use

Nomination #

Richard Reed 12/20/91
Regional Supervisor Date

Ed Weiss 2/19/92

N/A
Drafted Date

Species	Date(s) Observed	Spawning	Rearing	Migration
COHO	8/16/88		X	

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

BARRIER FALLS AND DEBRIS BLOCK PASSAGE TO COHOS APPROX 100 yds from beach... should be deleted → DOLLY VARDEN FOUND ABOVE BARRIER. ABOVE BARRIER. COHO FRY TRAPPED IN POOL BELOW BARRIER.

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) DAVE HARDY

Date: 12/17/91 Signature: Dave Hardy

Address:

State of Alaska
Department of Fish & Game
304 Lake Street, Room 103
Sitka, AK 99835-7563

Signature of Area Biologist: Dave Hardy

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REGION II
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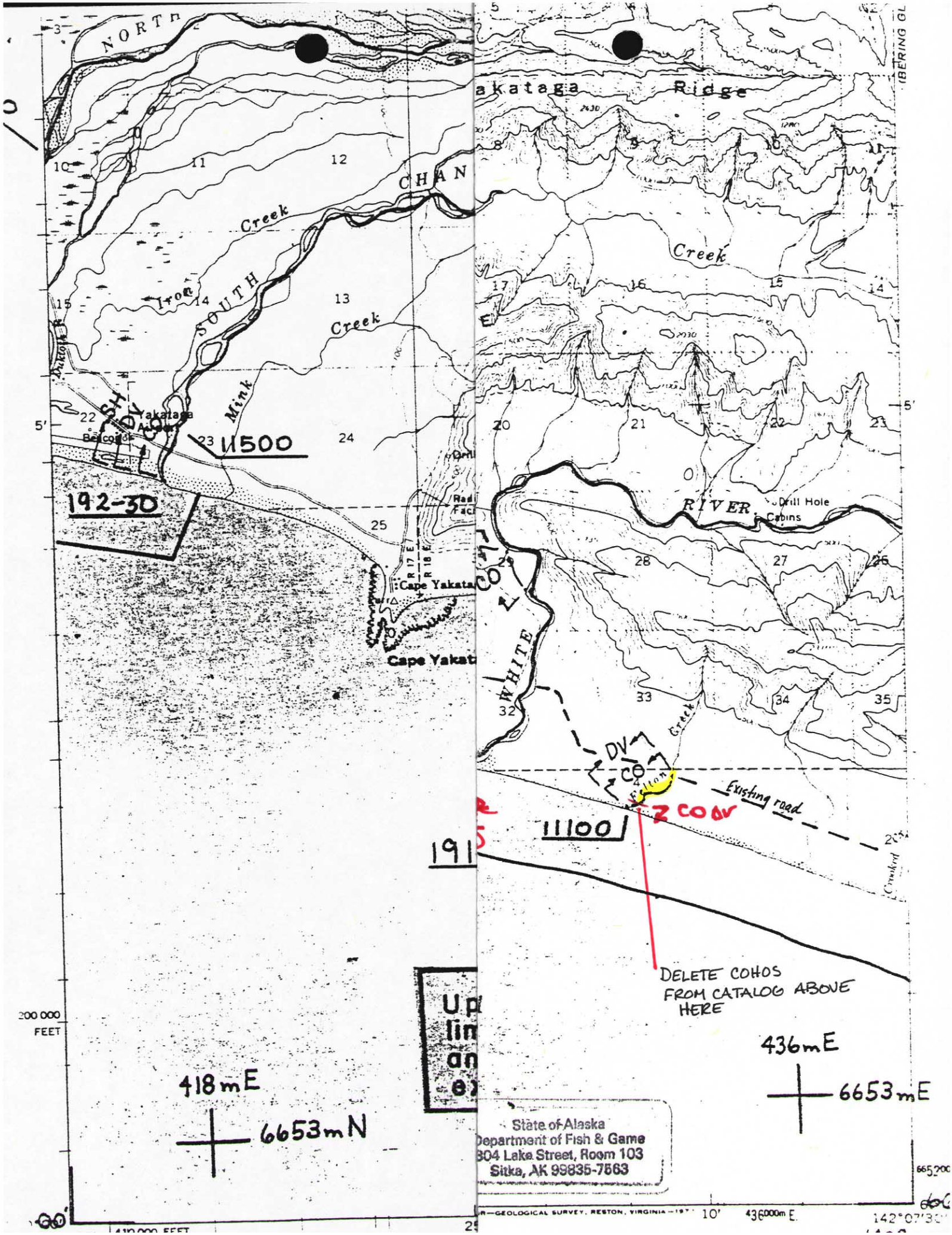

NORTH
CHAN
SOUTH
Iron Creek
Mink Creek
Yakataga Airport
Beacon
SH
DV
CO
11500
192-30
Cape Yakata
Cape Yakat
R 17 E
R 18 E
Yakataga Ridge
Creek
RIVER
Drill Hole
Cabins
WHITE
DV
CO
Felton Creek
Existing road
11100
191
DELETE COHOS FROM CATALOG ABOVE HERE
436mE
6653mE
418mE
6653mN
200 000 FEET
State of Alaska
Department of Fish & Game
304 Lake Street, Room 103
Sitka, AK 99835-7563
GEOLOGICAL SURVEY, RESTON, VIRGINIA
436000m E
142°07'30"

ALASKA DEPT. OF
FISH & GAME

DEC 23 1991

HABITAT DIVISION

MEMORANDUM STATE OF ALASKA

DEPARTMENT OF FISH AND GAME
HABITAT DIVISION

TO: Ed Weiss
Habitat Division
Anchorage

DATE: December 17, 1991

FILE NO:

TELEPHONE NO: 747-5828

SUBJECT: Anadromous Waters; Nominations

FROM: Phil Mooney
Habitat Division
Sitka

Enclosed is the nomination/map package for the area from Carson Creek to Hamilton Creek along the Icy Bay road. You will find a smaller scale base map and a copy of the ground survey done on August 16, 1988 enclosed for clarification.

Please note that the primary importance of this particular documentation concerned the road drainage and bridge structures of the Icy Bay road in conjunction with the State timber sale. The use of the milepost markings helps to identify specific structures as well as their location and presence of anadromous fish.

We have tried to note the upper limits of fish where possible and on the larger streams these are more easily shown. The smaller culverts often have limited habitat for rearing fish above them. For this reason, if there is any question about the upper limits of fish, please consider the immediate area above the culvert as such.

The general area has three major combinations of streams into large interconnected 'swamps' below the road. These are 1) from Jetty Creek west to Claybuff Point, 2) Watson Creek west to Icy Cape, and 3) from Big River northwest to Davis Creek. The streams' ocean outlets have 'moved' considerable distance, in some cases, than as shown on the USGS maps. We have not had the time to update these or to further clarify tributaries. There is little doubt that these 'swamps' provide considerable rearing habitat and we hope to be conducting surveys in these areas in the future.

If you have any questions, please give us a call. We have forwarded a duplicate package to Rick Reed in an effort to get the nominations out for review as quickly as possible. Thanks for your help.

cc: Rick Reed
Dave Hardy

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BERING GLACIER (A-4) QUADRANGLE

ALASKA

1:63 360 SERIES (TOPOGRAPHIC)

142°30' 418000m.E. 25' 20' 15' 10' 470 000 FEET 142°07'30" 436mE

60°15' 6679mN 60°00' 2 280 000 FEET

92-734

3027
177
CO DV
192-30-10100-2096

Leeper Glacier

ROBINSON RIDGE

DAHLGREN MOUNTAINS

Crevasses

Allison

Dukrath Mountain

Cottonwood Creek

Boulder Creek

Porcupine Creek

Watson Glacier

GLACIER

YAKATAGA

Yakataga Ridge

4032
4026
4021
4012
4010
4015
3059
3067
3027
4011
4017
3049
3043
3051
3055
4002
3021
3031
3046
2029
3012
2043
11500
2040
2060
3005
2010
2024
2018
3006
3020
11400
11470
3011
2031
2027
2011
11370
2003
11000
11100
192-30-10100-2020
192-30-10100-2016
192-30-10100
192-30
191-20
191-10

Cape Yakataga

Watson Peak

Drill Hole

Radio Facility

Cabin

Beacon

Yakataga Airport

GULF OF ALASKA

(BERING GLACIER A-3)

Upper points document limits of fish surveys and usually not the extent of fish habitat.

418mE 6653mN

436mE 6653mE

60°00' 142°30' 142°07'30" 60°00'

Mapped, edited, and published by the Geological Survey

Controll by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1948. Revised from aerial photographs taken 1957, field amnotated 1959. Map not field checked

Universal Transverse Mercator projection. 1927 North American datum
10,000-foot grid based on Alaska coordinate system, zone 2
1000-meter Universal Transverse Mercator grid ticks, zone 7, shown in blue

Gray laird lines represent unsurveyed and unmarked locations predetermined by the Bureau of Land Management Folios (CR-9 and CR.10, Copper River Meridian

Swamps, as portrayed, indicate only the wetter areas, usually of low relief, as interpreted from

SCALE 1:63360

4 MILES
21000 FEET
5 KILOMETERS

CONTOUR INTERVAL 100 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 8 FEET

28½° TRUE NORTH MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1959

ROAD CLASSIFICATION
Light-duty

QUADRANGLE LOCATION

BERING GLACIER (A-4), ALASKA
N6000—W14207.5/15X22.5
1959
AMS 5514 BERG A-4
ANC-H/8-05

10/82
9E

MAP NO. A-4 OF 55

LEGEND

		Subscript
S	Sockeye Salmon	s- Known Spawning
K	King Salmon	r- Rearing
CO	Coho Salmon	* m-Migration
P	Pink Salmon	
CH	Chum Salmon	
SH	Steelhead Trout	
DV	Dolly Varden	
AC	Arctic Char	
SF	Sheefish	
W	Whitefish	
C	Cutthroat Trout	

* Migration upstream is assumed for stream reaches where anadromous fish occur

COMP. DRC
DRAWN cb
REVISED DRC
APPROVED ERL
DATE 4/82
FILE NO.

SCALE 1" = 1 MILE 1 : 63,360

PROJ. TITLE
ANADROMOUS STREAM CATALOG
ANADROMOUS WATERS ARE LISTED PURSUANT TO AS 16.05.870 (a)

MAP TITLE
BERING GLACIER A-4

STATE OF ALASKA
DEPARTMENT OF FISH AND GAME
habitat protection division
JUNEAU, ALASKA

BY	DATE
Marnell	4/6/82
SJS	10/84
SJS	11/88
REVISIONS	

RECEIVED
AUG 22 1988

August 16, 1988

ALASKA DEPT. O
FISH & GAME

DEC 2 1991

REGION II
HABITAT DIVISIO

ADFG - SITKA

Bruce,

The following list of culvert types and locations was generated by a survey done on August 13+14, 1988. The milepost assigned to each drainage structure was determined by clocking the distance from each milepost, not cumulative distance from Milepost 0.

Dave Hardy (from ADF+G) used either a dipnet or fry trap to capture salmon fry. Dave plans to nominate all newly discovered fish habitat for inclusion in the Anadromous Stream Catalog.

Milepost	Type and Size	Anadromous	Remarks
0.25	Carson Ck Bridge	YES	Broken needle beam
0.40	36" CMP	Yes	Good shape. -(damaged upper side
0.65	36" CMP	YES	Good shape
0.65	24" CMP	YES	Good shape
1.1	Twin 36" CMP	YES	Scheduled for removal
not cataloged 1.1	60" CMP	YES	Well bedded, <1%
1.25	18" CMP	NO	Ponds both sides of road. High flow drainage to south
2.6	11' wood culvert	NO	Good shape but occassional fill loss between stringers. Flows at high water only
3.1	18" CMP	NO	Good shape. 4" gravel in pipe
186-15-10400 3.75	Watson Ck Bridge	YES	Watson Cr. flows out to beach - not back to Priest River.
186-15-2005 4.3	18" CMP	Yes	Good shape. Half full of gravel - trib of Watson Cr.
4.8	18" CMP	NO	Relief at Camp Ck pond. Flow constricted - 90% crushed 10' from north end
not cataloged 4.81	Twin 36" CMP	YES	Good shape trib of Watson - not Priest Ru.
now 48" cmp not cataloged 6.05	15' log culvert 48" culvert	YES	Good shape. Occassional fill loss between stringers trib of Priest Ru.

	MILEPOST	SIZE AND TYPE	ANADROMOUS?	REMARKS
191-20-13800	6.15	PRIEST RV. BRIDGE	YES	
not cataloged	6.8	22"+24" CMP TRIB. of Priest Rv.	YES	MOSTLY 24" CMP BUT WITH 55 GAL BARREL SEGMENT ON NORTH END. FISH BELOW CULVERT BUT NOT ABOVE
	7.2	24" CMP	NO	HIGH FLOW RELIEF
	7.25	9' WOOD CULVERT	NO	HIGH FLOWS ONLY. BOTH SILLS BEING UNDERMINED
	7.4	24" CMP	NO	GOOD SHAPE
191-20-13600	7.85	EAST BIG RV. BRIDGE	YES	
	8.5	4' LOG CULVERT	NO	NORTH END OF SILLS SINK TO GROUND LEVEL - FLOW RESTRICTED
	8.85	18" CMP	NO	SOUTH END 90% CRUSHED, NEEDS EXTENSION BOTH ENDS
	8.87	18" CMP	NO	NEW THIS YEAR
	9.0	18" CMP	NO	NEW THIS YEAR
	9.05	8' WOOD CULVERT	NO	8-10" EFFECTIVE FLOW WITH 15" SILLS - FILLING WITH GRAVEL
	9.1	24" CMP	NO	HALF FULL OF GRAVEL
not cataloged 6/16/91 COHO FRY - caught	24" CMP? (*) 9.25	~~18" CMP~~ 24" CMP	NO yes	HALF FULL OF GRAVEL most likely trib Little Sandy
	9.4	18" CMP	NO	GOOD SHAPE
not cataloged (*9.8 IN CONTRACT)	9.6	4' WOOD CULVERT	YES	SCHEDULED FOR 24" CMP TRIB. OF LITTLE SANDY.
not cataloged Little Sandy	9.7	19' WOOD CULVERT	YES	NEEDS GUARD LOGS
not cataloged	9.8	48" CMP (~~LITTLE SANDY~~)	YES	GOOD SHAPE REMOVE FILL TRIB. OF LITTLE SANDY NORTH END OF CMP
	10.01	18" CMP	NO	GOOD SHAPE
191-20-13400	10.2	BIG SANDY BRIDGE	YES	SCHEDULED FOR 40' STEEL BRID
not cataloged	10.55	13' WOOD CULVERT trib. to Big Sandy	YES	SCHEDULED FOR 30" CMP. THIS STRUCTURE NEEDS TO BE REPLACED SOON.
191-20-13400-2033-13200 191-20-13200	10.7	LYDICK CK BRIDGE	YES	E. BRANCH OF LYDICK CR. trib. of Lydic
not cataloged	10.85	18" CMP	YES	GOOD SHAPE
not cataloged	11.64	11' WOOD CULVERT	YES	HAS GUARD LOGS W. BRANCH OF LYDICK CR.

	MILEPOST	SIZE AND TYPE	ANADROMOUS?	REMARKS
not cataloged	11.6	36" CMP	YES	TRIB TO LYDICK CR. WELL BEDDED, NEW 8/4/88
not cataloged	11.95	24" CMP	YES	WELL BEDDED, NEW 8/2/88 TRIB TO LYDICK CR.
191-20-13100	12.15	18" CMP	NO	NEW THIS YEAR, GOOD SHAPE
191-20-13400-2008 13100	12.45	E. LITTLE RU BRIDGE	YES	NEW DECK THIS YEAR
not cataloged	14.05	9' WOOD CULVERT	YES	GOOD SHAPE, 10-12' FILL SHIT CR.
	14.2	6' WOOD CULVERT	NO	OK BUT SILLS ARE SETTLING
	14.4	18" CMP	NO	NEW THIS YEAR
	14.5	*PLANNED 18" CMP	NO	NOT IN GROUND
191-20-13400-2009	14.75	EAST FORK DAVIS CK	YES	Log Culvert
191-20-13400-2007	14.95	WEST FORK DAVIS CK	YES	Log Culvert
	15.08	4' WOOD CULVERT	NO	RELIEF, GOOD SHAPE
not cataloged	15.18	22" 55 GAL BARREL CULVERT	YES	HALF FULL OF GRAVEL, ROTTING OUT, RESTRICTED FLOW, FRY BELOW CULVERT, NOT ABOVE *REPLACE
	15.3	3' WOOD CULVERT	NO	GOOD SHAPE
	15.5	4' WOOD CULVERT	NO	GOOD SHAPE
	15.68	22" 55 GAL BARREL CULVERT	NO	ROTTING OUT, REPLACE
	16.0	EAST JOHNSTON CK BRIDGE	NO	
not cataloged	16.4	ROSE CK, WOOD CULVERT	YES	WILL BE SCHEDULED FOR REPLACEMENT WITH CMP
	17.1	E. MURDAY CK BRIDGE	NO	
	17.9	18" CMP	NO	GOOD SHAPE. NEEDS DITCHING
	18.1	18" CMP	NO	GOOD SHAPE. NEEDS DITCHING
	18.25	18" CMP	NO	REPLACE, NORTH END DESTROYED BY GRADER
	18.3	18" CMP	NO	GOOD SHAPE, NEEDS DITCHING
	18.35	24" CMP	NO	GOOD SHAPE. SLIGHT DAMAGE NORTH END
not cataloged	18.55	36" CMP	YES	SCHEDULED FOR UPGRADE TO 48" CMP
	18.6	18" CMP	NO	GOOD SHAPE
	18.75	18" CMP	NO	GOOD SHAPE
	19.0	18" CMP	NO	GOOD SHAPE

MILEPOST	SIZE AND TYPE	ANAMORPHOUS?	REMARKS
19.2	POUL CK BRIDGE	NO	
19.3	18" CMP	NO	GOOD SHAPE
19.5	18" CMP	NO	GOOD SHAPE
19.65	18" CMP	NO	EXCAVATE SOUTH END AND CUT OFF CRUSHED END
19.75	18" CMP	NO	GOOD SHAPE
19.85 ?	36" CMP	NO	SLIGHT DAMAGE NORTH EL BUT FLOW UNRESTRICTED
20.05	24" CMP	NO	GOOD SHAPE
20.1	48" CMP	NO	GOOD SHAPE. "HIGH RISE"

WHEN MEASURING THE WIDTH OF THE WOODEN CULVERTS, ALL MEASUREMENTS ARE MID-SILL TO MID-SILL.

CHRIS FOLEY
8/16/88

cc ROGER SULLIVAN
DAVE HARDY