

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES



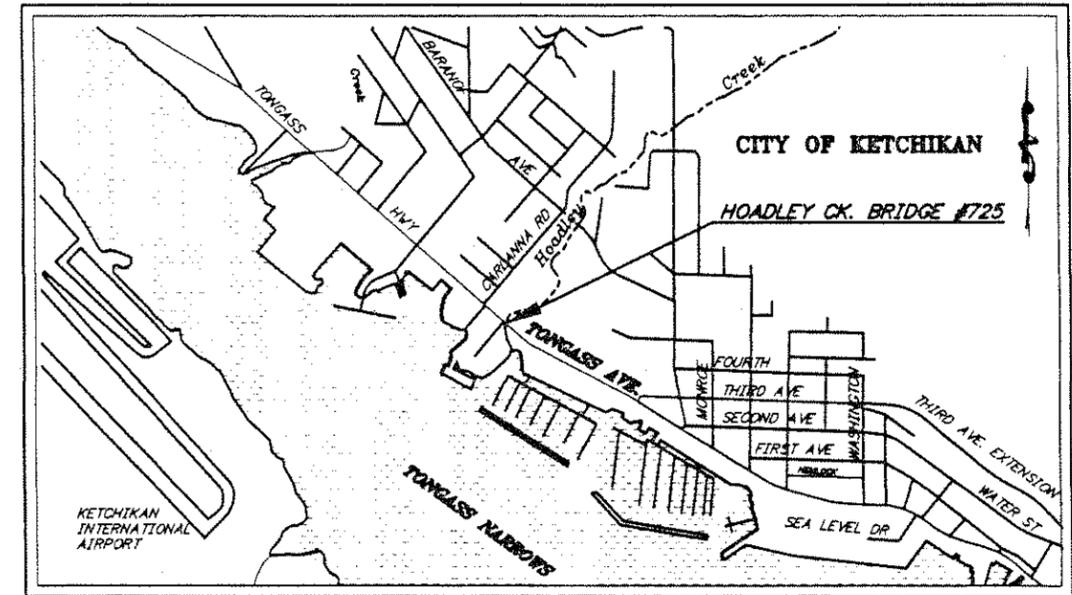
YEAR	STATE	PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
2009	ALASKA	BH-0902(32)/68714	AI	II
ROUTE: Tongass Ave.		MILEPOINT:		

PROPOSED BRIDGE PROJECT HOADLEY CREEK BRIDGE #725 REPAIRS

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
AI	TITLE SHEET
A2	ESTIMATE OF QUANTITIES
A3	EROSION AND SEDIMENT CONTROL
BI-B5	BRIDGE PLANS
RI	TEMPORARY CONSTRUCTION EASEMENT
SI-S2	TRAFFIC CONTROL PLAN

THE FOLLOWING STANDARD DRAWINGS APPLY TO THIS PROJECT:
C-03.10

PROJECT NO. BH-0902(32)/68714



VICINITY MAP

"As-Built" Plans
Contractor: Three Dog Construction
Proj. Engr: Seward Wagenius
Bgn Const: June 1, 2009
End Const: July 22, 2009

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

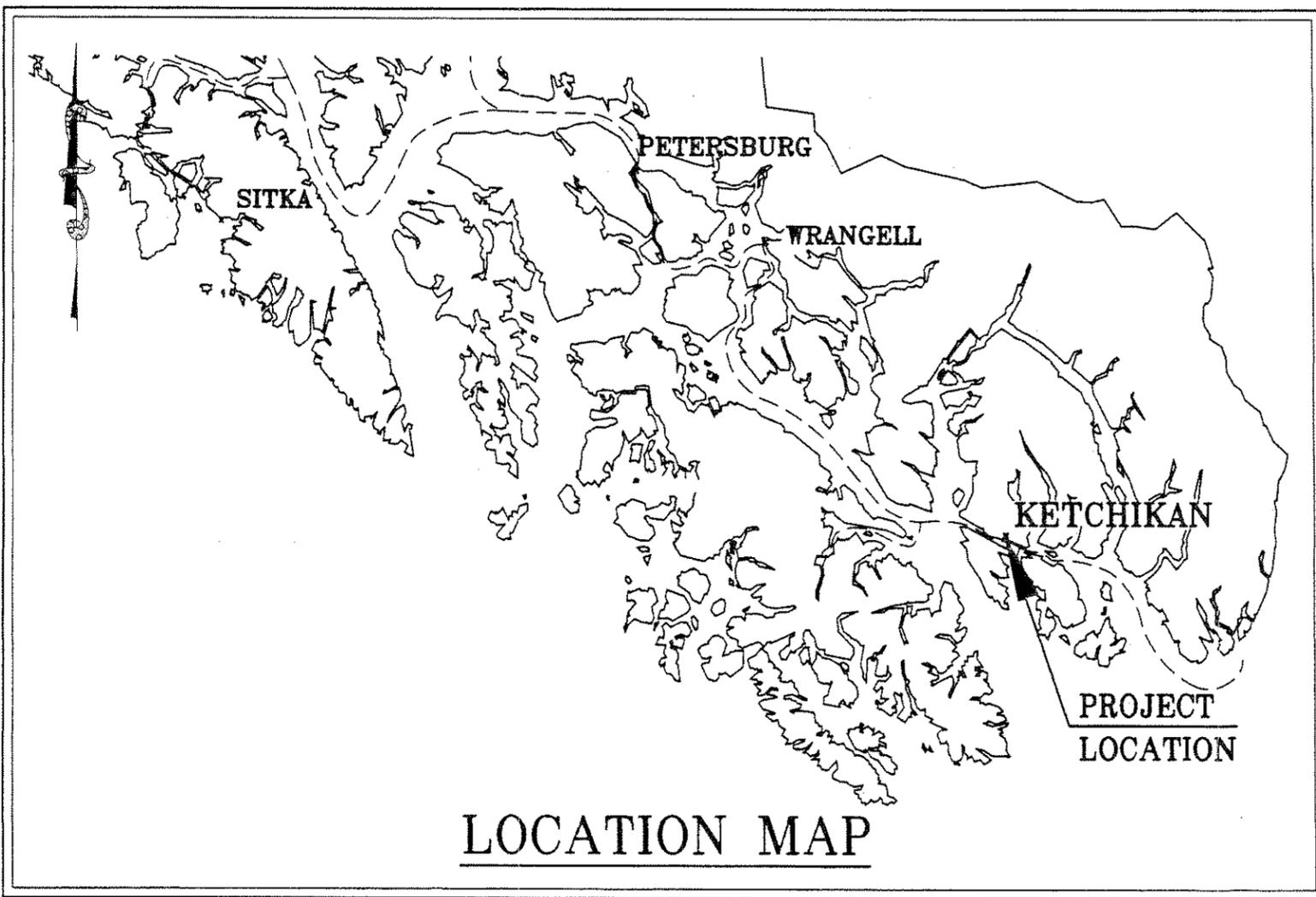
RECOMMENDED FOR APPROVAL:

Victor Winters DATE **2-11-09**
 APPROVED: Victor Winters, P.E.
 PRE-CONSTRUCTION ENGINEER

Gary Davis DATE **2-11-09**
 APPROVED: Gary Davis
 REGIONAL DIRECTOR

CERTIFIED TRUE & CORRECT AS-BUILT OF ACTUAL FIELD CONDITIONS:

APPROVED: _____ DATE _____
 CONSTRUCTION PROJECT MANAGER



LOCATION MAP

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	BYH-0902(32)/68714	2009	A2	11

ESTIMATE OF QUANTITIES						
ITEM NO.	ITEM	PAY UNIT	EST UNIT	SUBST.	SUPERST.	TOTAL
501(1)	Class A Concrete	LS	CY	9	—	9
503(1)	Reinforcing Steel	LS	LB	225	—	225
640(1)	Mobilization and Demobilization	LS	LS	All Req'd	—	All Req'd
641(1)	Erosion and Pollution Control Administration	LS	LS	All Req'd	—	All Req'd
641(2)	Temporary Erosion and Pollution Control	LS	LS	All Req'd	—	All Req'd
643(2)	Traffic Maintenance	LS	LS	All Req'd	—	All Req'd

DESIGNED BY: <i>Derek Soden</i>	<small>D. Soden</small>	CHECKED: <i>G.H. Imboden</i>	<small>G. Imboden</small>
DRAWN BY: <i>R. Grantham</i>	<small>R. Grantham</small>	CHECKED: <i>Derek Soden</i>	<small>D. Soden</small>
QUANTITIES BY: <i>Derek Soden</i>	<small>D. Soden</small>	CHECKED: <i>G.H. Imboden</i>	<small>G. Imboden</small>

REHABILITATION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
BRIDGE SECTION

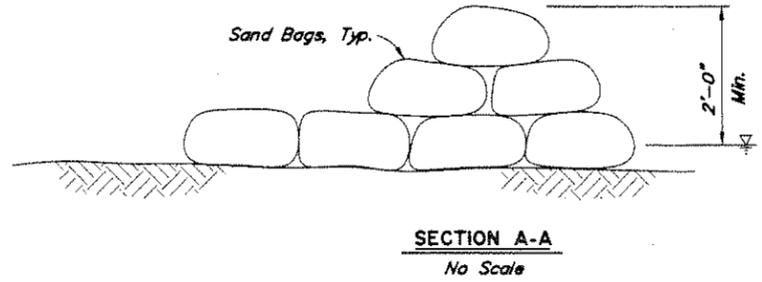
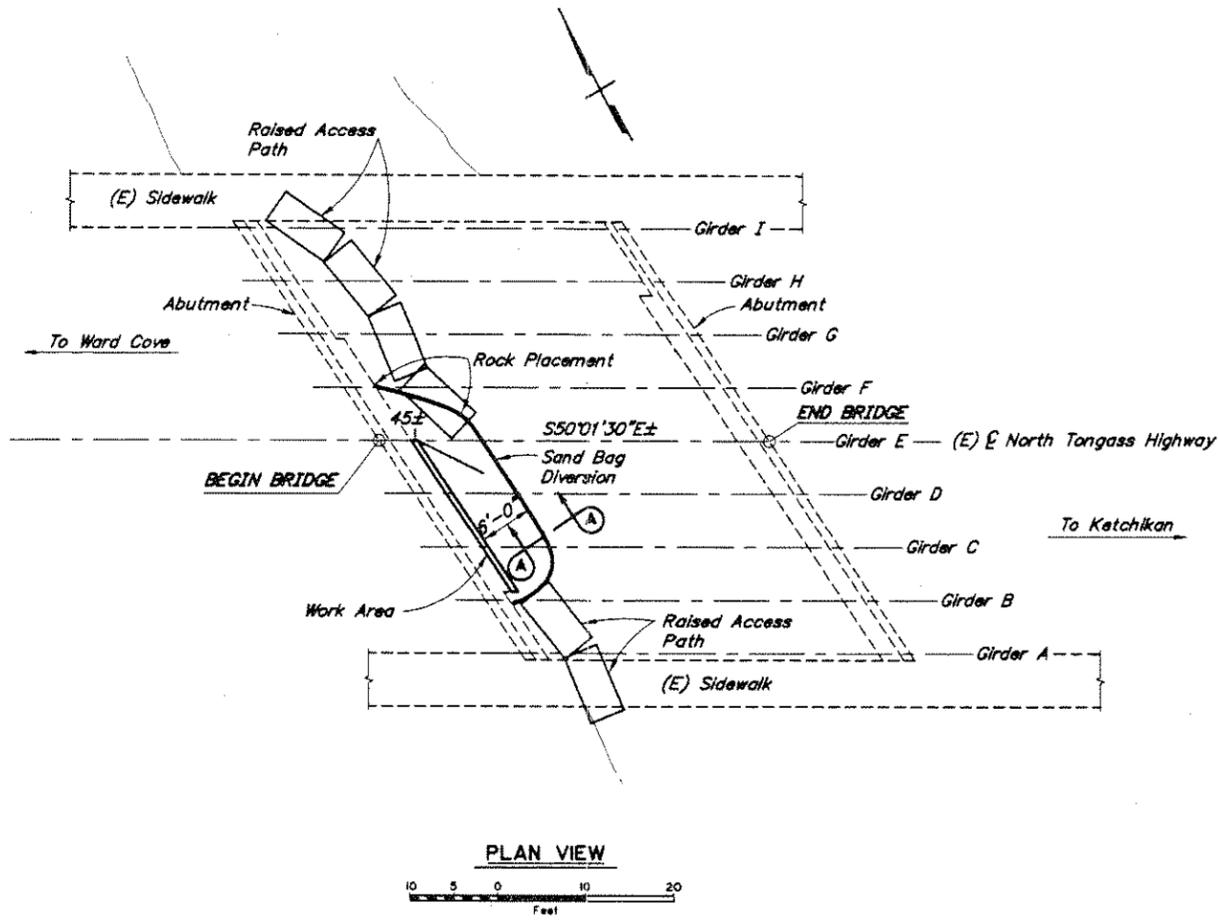


HOADLEY CREEK BRIDGE
NORTH TONGASS HIGHWAY
ESTIMATE OF QUANTITIES



BRIDGE NO. 725
DWG. NO. A2

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	BYH-0902(32)/68714	2009	A3	11



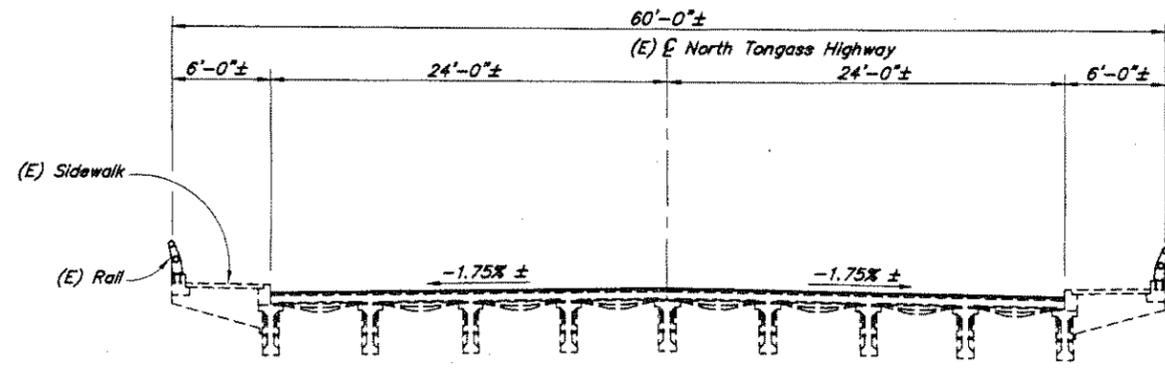
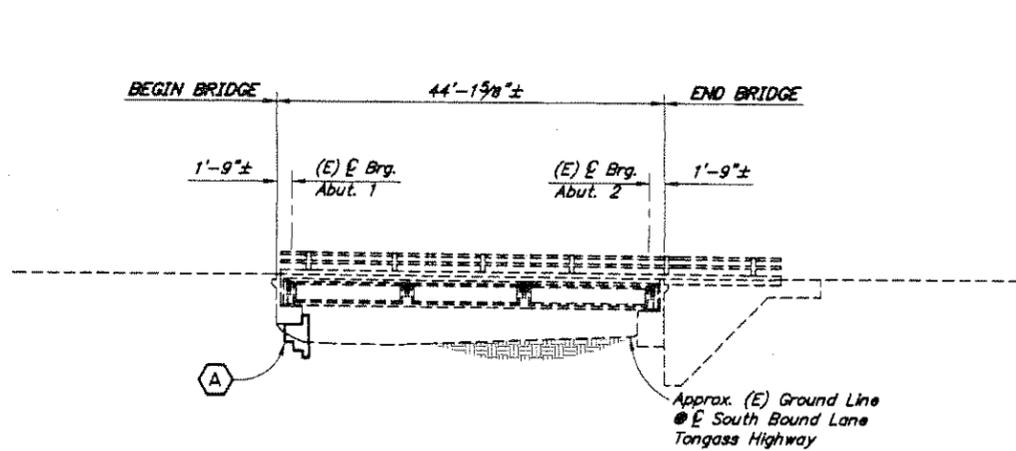
NOTES:

1. Rainfall: Average annual rainfall 162 inches (source: Ketchikan Daily News).

WORK/ESCP PLAN:

1. Construct raised access path. Provide boards above stream on concrete blocks.
2. Construct sandbag diversion around work area to limits shown and to a height approximately 12 inches above stream flowline.
3. Remove large rocks within repair area and place adjacent to sandbags at upstream end.
4. Remove sediment within work area. Use sediment to fill sandbags to increase height of diversion to 2 ft above stream flowline.
5. Set forms and rebar.
6. Place concrete. Do not place concrete during heavy rains or if heavy rains forecasted.
7. Cleanup site, removing forms and sandbags. Move large rocks back against new abutment.

DESIGNED BY:	CHECKED:	REHABILITATION	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES BRIDGE SECTION	HOADLEY CREEK BRIDGE NORTH TONGASS HIGHWAY EROSION AND SEDIMENT CONTROL	 BRIDGE NO. 725 DWG. NO. A3
DRAWN BY:	CHECKED:				
QUANTITIES BY:	CHECKED:				



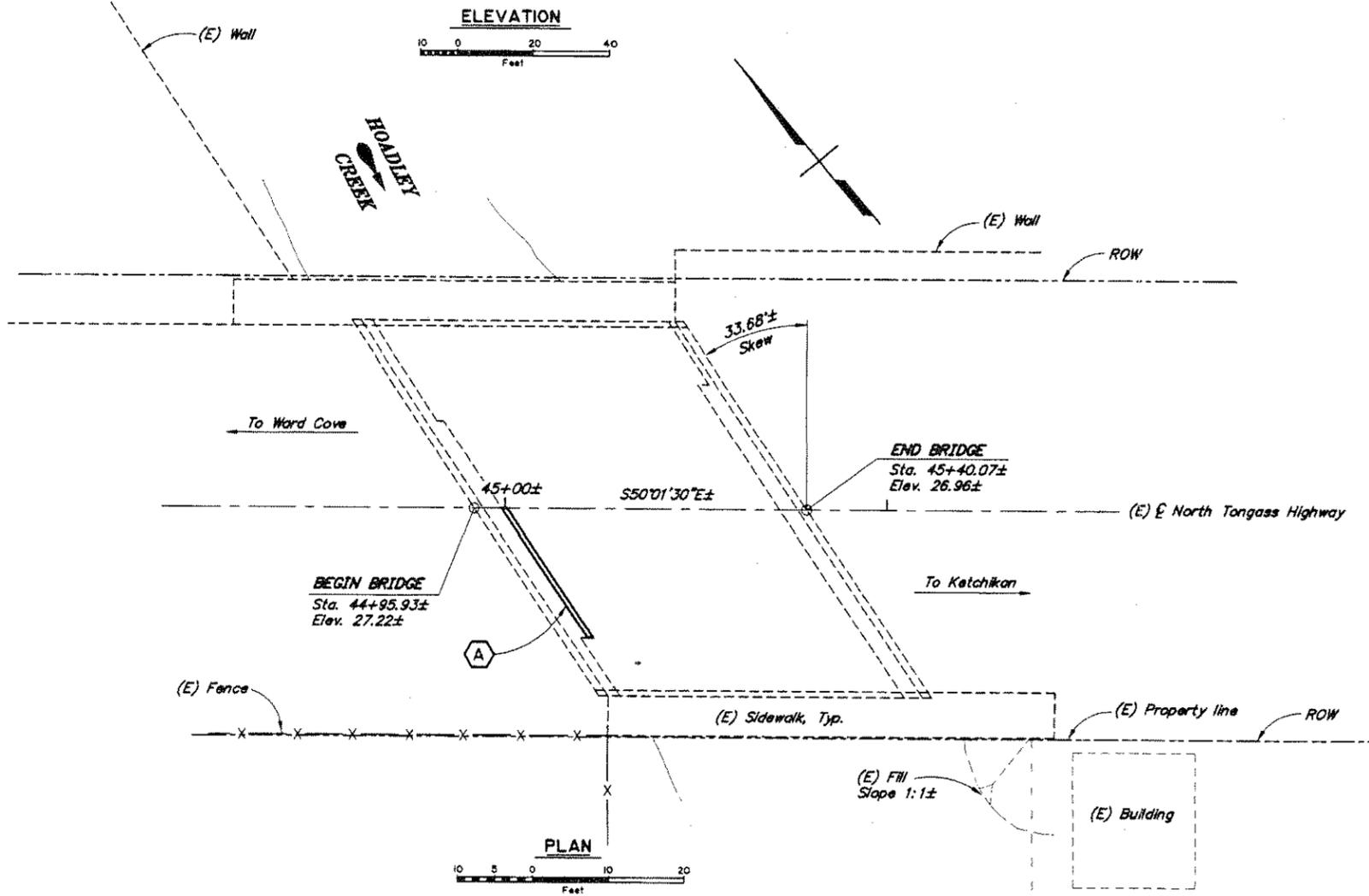
TYPICAL SECTION
 12 0 5 10
 Feet

DRAWING INDEX	
TITLE	DWG. NO.
GENERAL LAYOUT	1
EXISTING CONDITIONS	2
ABUTMENT 1	3
PHOTO SHEET 1	4
PHOTO SHEET 2	5

LEGEND	
(A)	Abutment Repair

REHABILITATION

NOTES:
 (E) = Existing
 --- = Existing
 ——— = Denotes this contract
 Elevations, Bearings and Dimensions are based on Contract Drawings. Verify all controlling field dimensions before ordering or fabricating any material.



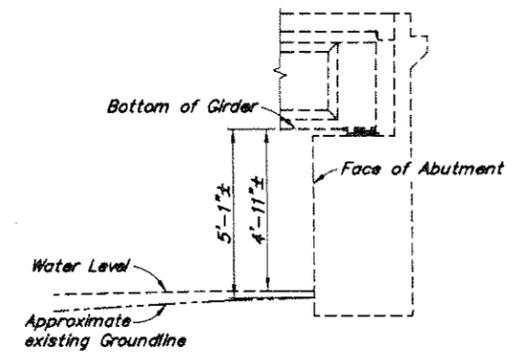
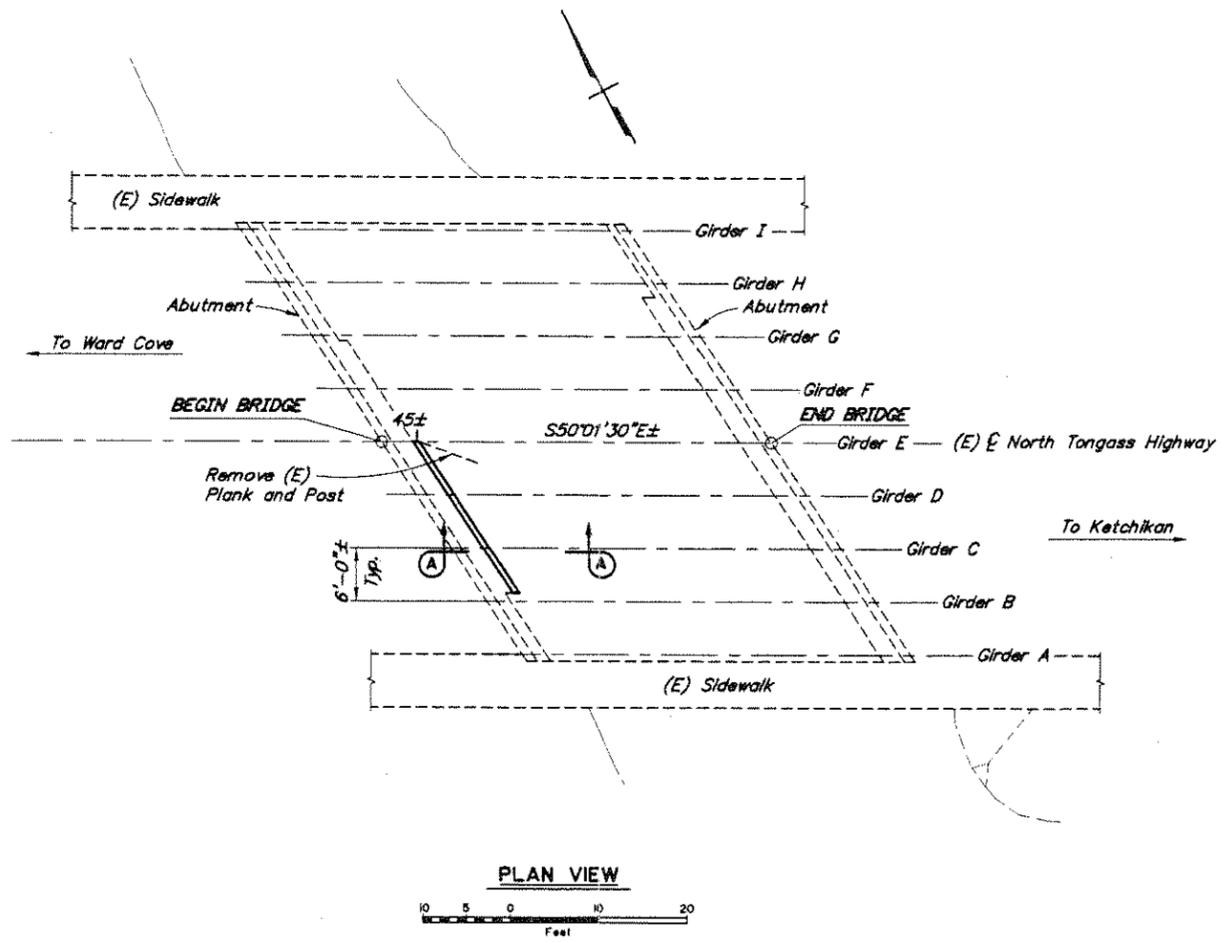
DESIGNED BY: D. Soder	CHECKED BY: G. Imboden	LAYOUT BY: D. Soder	CHECKED BY: G. Imboden
DRAWN BY: D. Soder	CHECKED BY: D. Soder	SPECIFICATIONS BY: D. Soder	PLANS & SPEC. COMPARED: G. Imboden
QUANTITIES BY: D. Soder	CHECKED BY: G. Imboden	APPROVAL RECOMMENDED BY: Richard Pratt	

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 BRIDGE SECTION

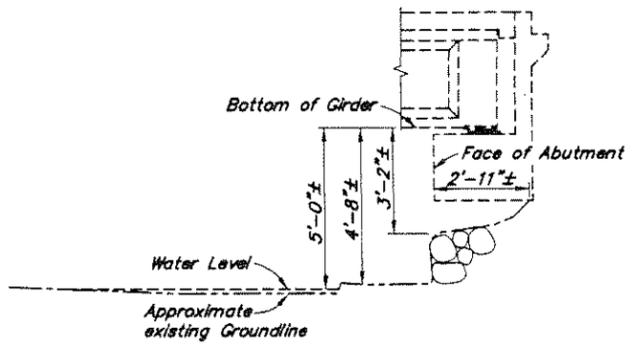
HOADLEY CREEK BRIDGE
 NORTH TONGASS HIGHWAY
 GENERAL LAYOUT

BRIDGE NO. 725
 DWG. NO. 1

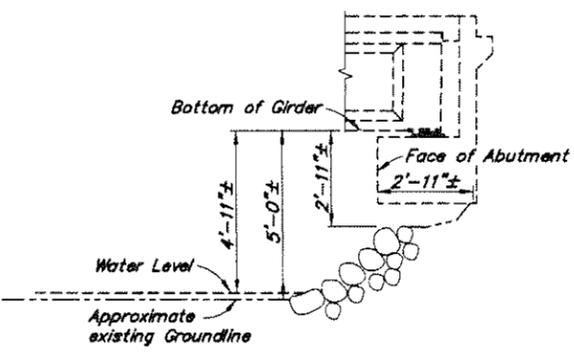
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	BYH-0902(32)/68714	2009	B2	11



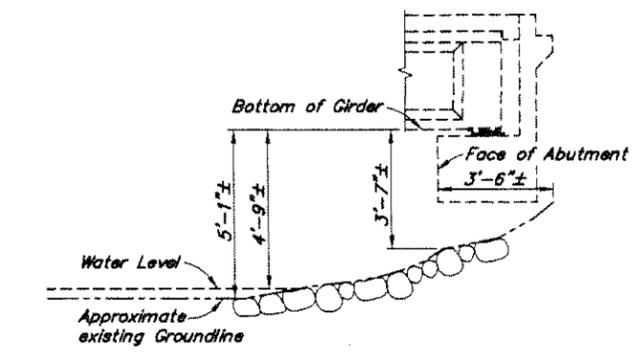
SECTION A-A GIRDER B
1 2 3 4
in. Feet



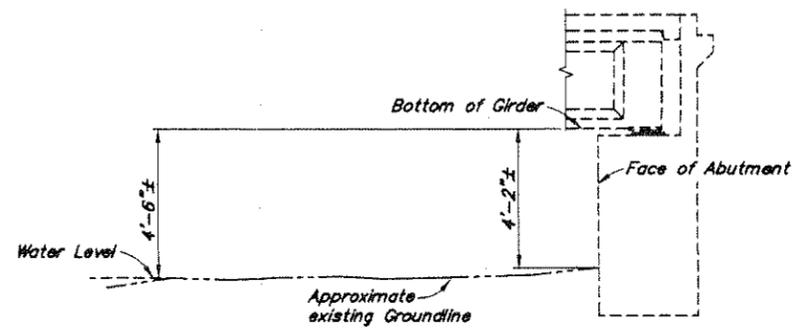
SECTION A-A GIRDER C
1 2 3 4
in. Feet



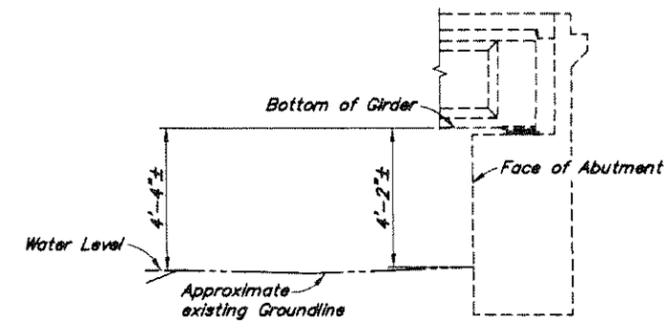
SECTION A-A GIRDER D
1 2 3 4
in. Feet



SECTION A-A GIRDER E
1 2 3 4
in. Feet



SECTION A-A GIRDER F
1 2 3 4
in. Feet



SECTION A-A GIRDER G
1 2 3 4
in. Feet

DESIGNED BY: Derek Soden	CHECKED: G. H. Hulson
DRAWN BY: R. Grantham	CHECKED: D. Soden
QUANTITIES BY: Derek Soden	CHECKED: G. H. Hulson

REHABILITATION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
BRIDGE SECTION

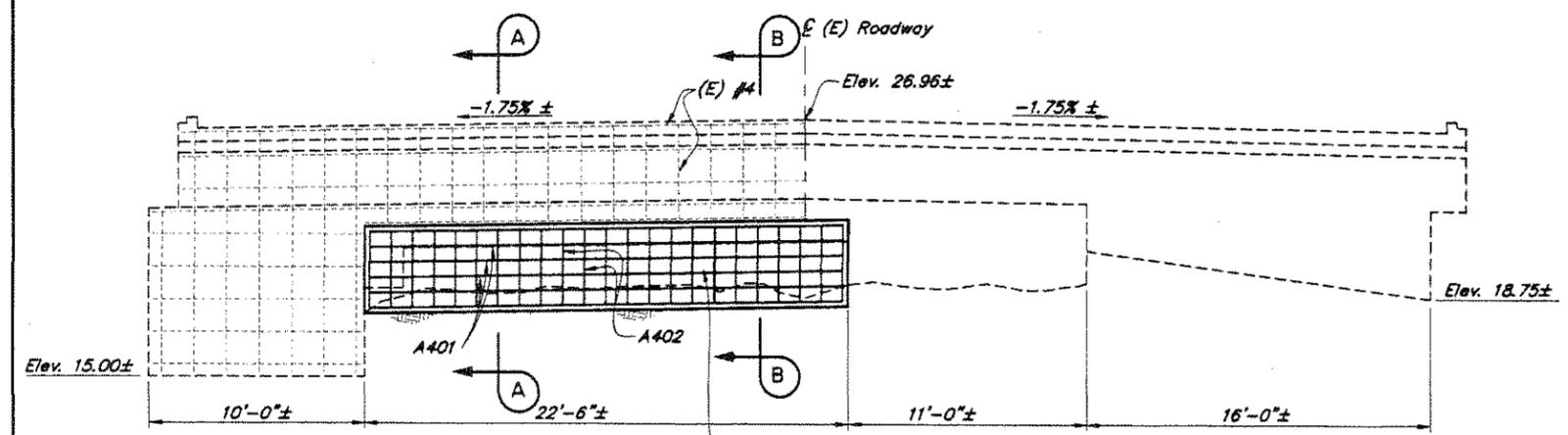
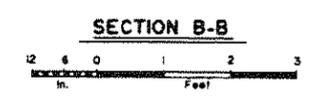
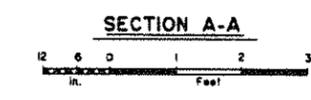
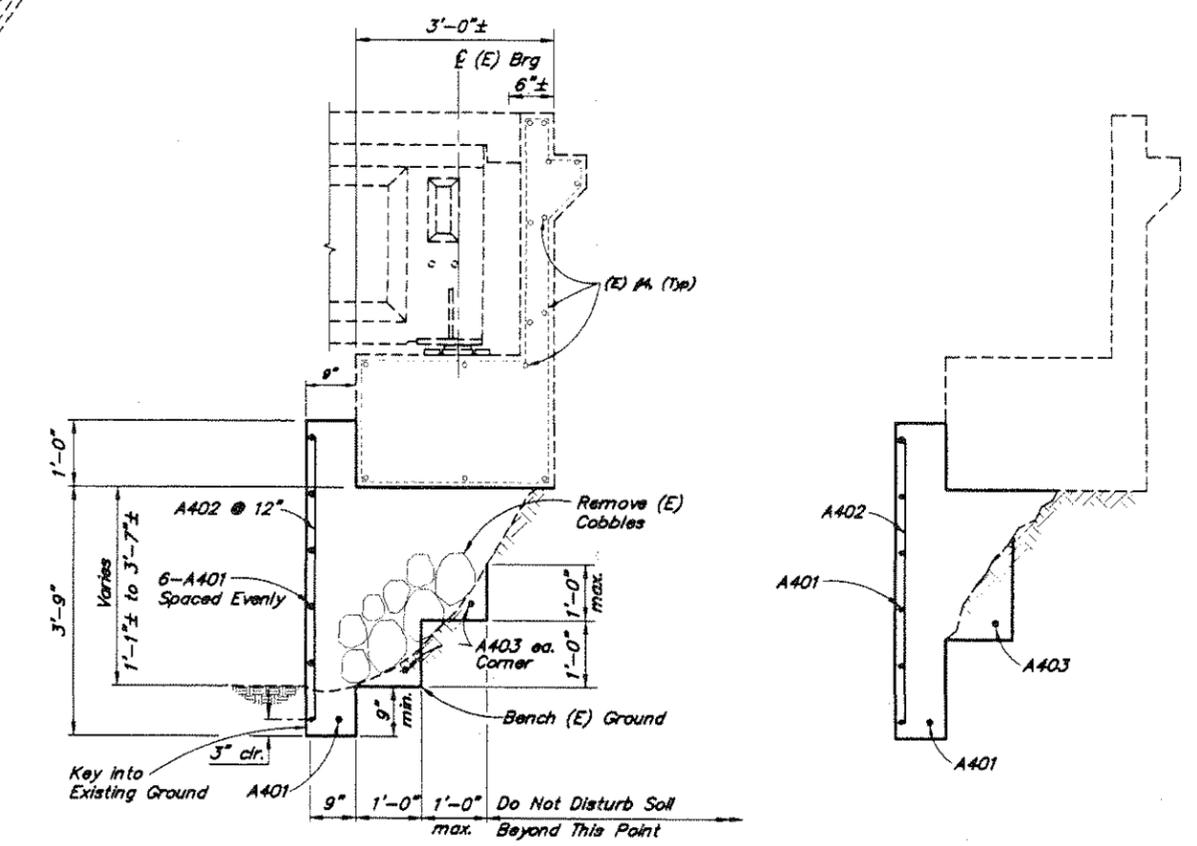
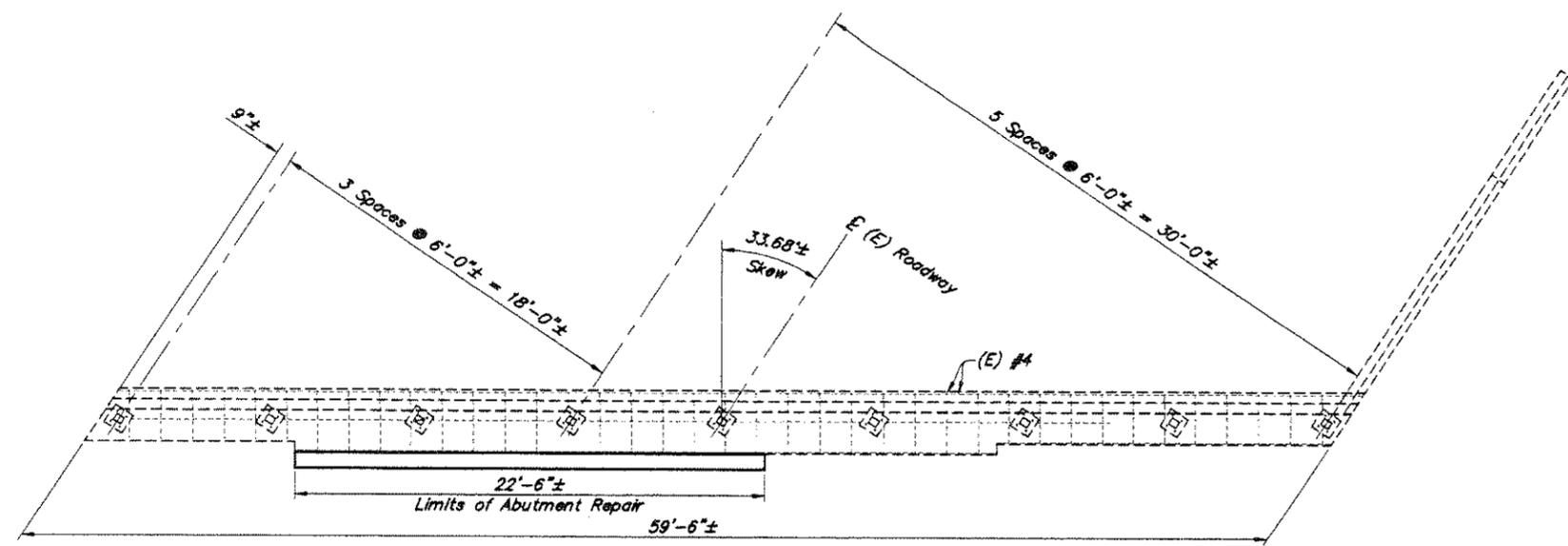


HOADLEY CREEK BRIDGE
NORTH TONGASS HIGHWAY
EXISTING CONDITIONS


BRIDGE NO. 725
DWG. NO. 2

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	BH-0902(32)/68714	2009	83	11

REINFORCING STEEL- ONE ABUTMENT					BENDING DIAGRAM
					22'-0" max
MARK	SIZE	NO.	LENGTH	TYPE	A403
A401	4	7	22'-0"	---	
A402	4	23	4'-4"	---	
A403	4	3	Varies	---	



ELEVATION - NORTH ABUTMENT

GENERAL NOTES

REINFORCEMENT:..... ASTM A706, $F_y = 60,000$ psi
 Space reinforcement evenly unless otherwise noted.
 CONCRETE:..... Use Class A Concrete concrete unless otherwise noted,
 $f'_c = 4000$ psi

NOTES:

(E) = Existing
 - - - - = Existing
 ——— = Denotes this contract
 Elevations, Bearings and Dimensions are based on Contract Drawings. Verify all controlling field dimensions before ordering or fabricating any material.

DESIGNED BY: D. Soden	CHECKED: G. Imboon
DRAWN BY: R. Grantham	CHECKED: D. Soden
QUANTITIES BY: D. Soden	CHECKED: G. Imboon

REHABILITATION

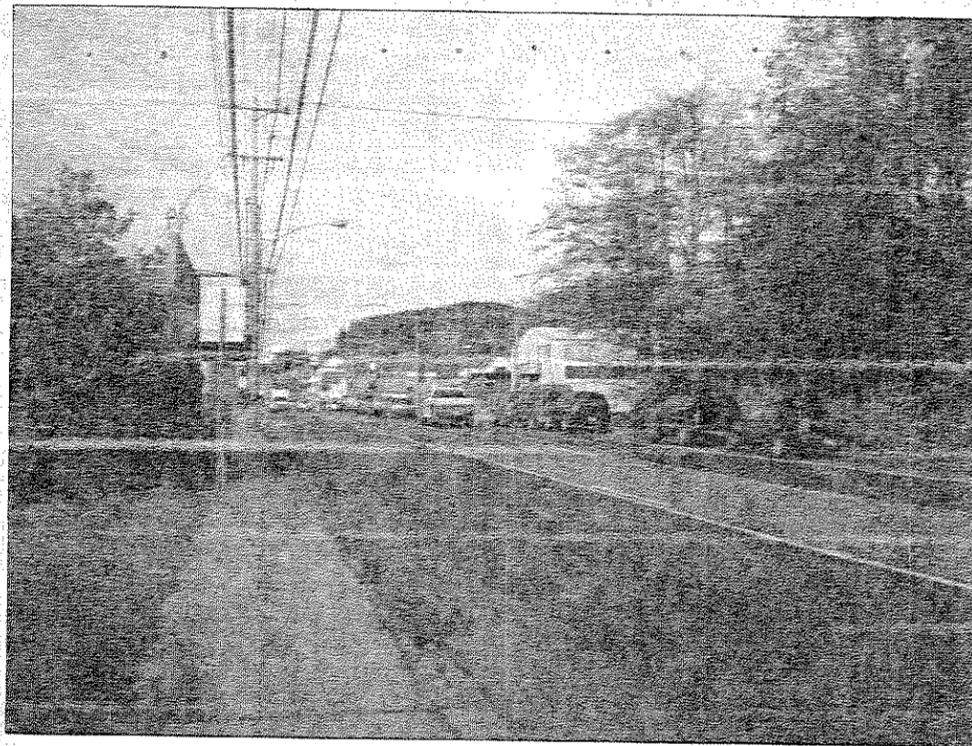
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC FACILITIES
 BRIDGE SECTION



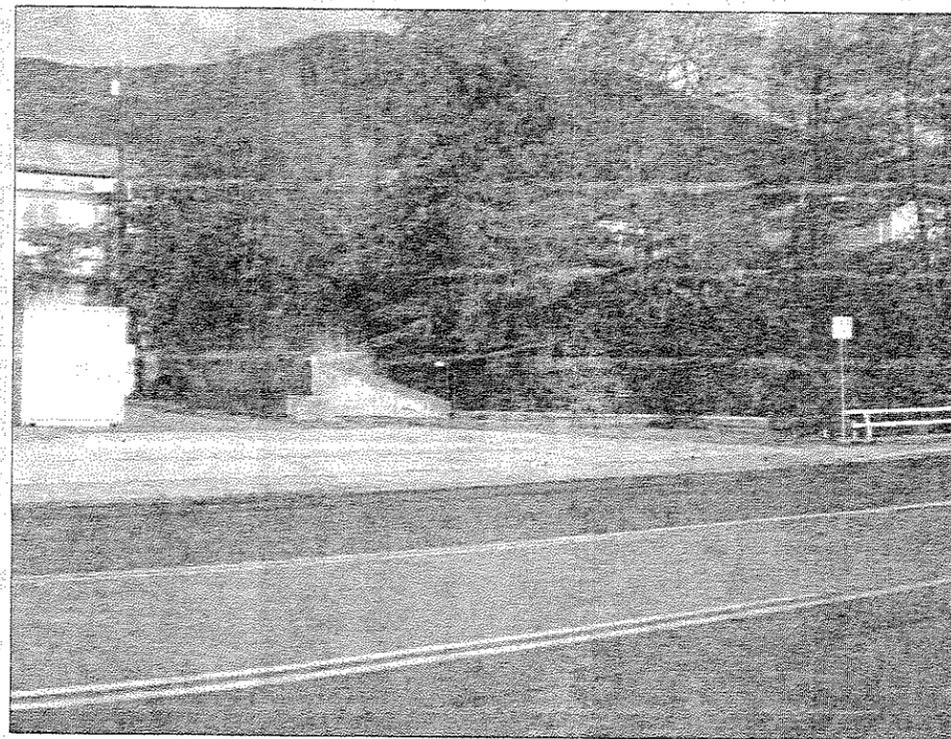
HOADLEY CREEK BRIDGE
 NORTH TONGASS HIGHWAY
 ABUTMENT 1


 BRIDGE NO. 725
 DWG. NO. 3

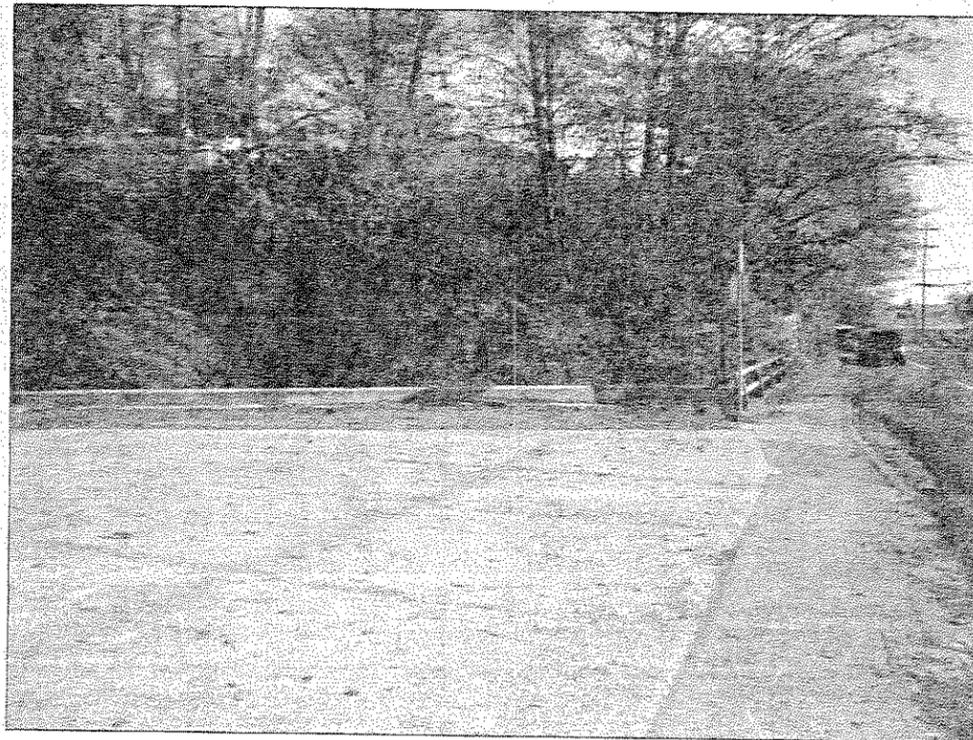
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ALASKA	BH-0902(32)/68714	2009	B4	11



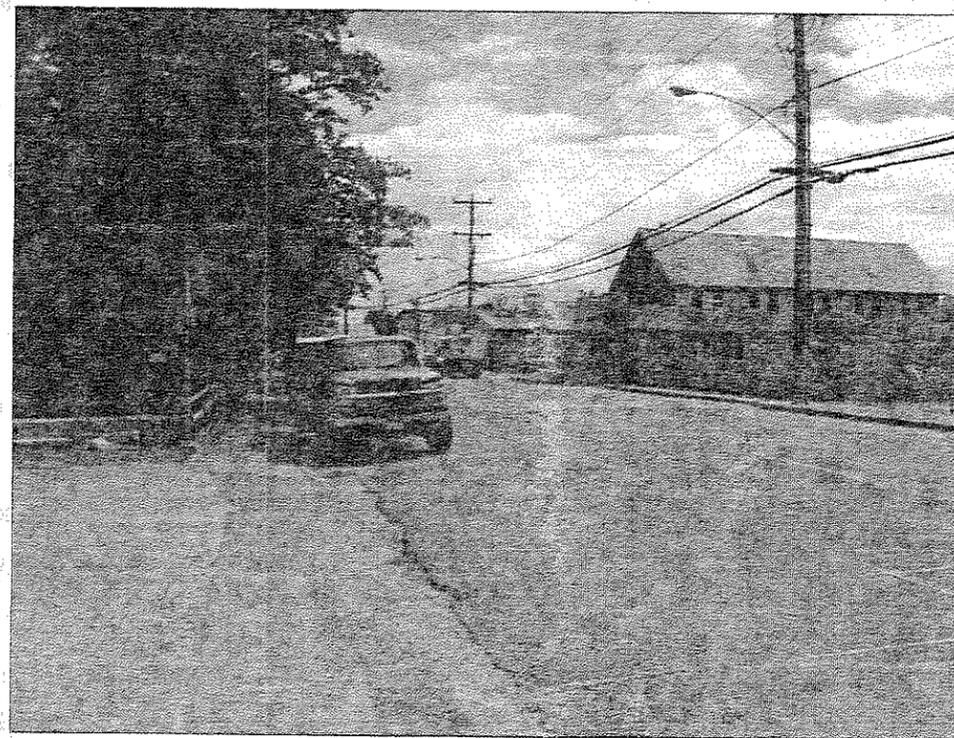
SOUTH BRIDGE APPROACH LOOKING NORTHWEST



LOOKING NORTH AT PARKING AREA AT NORTHEAST CORNER OF BRIDGE



PARKING AREA AT NORTHEAST CORNER OF BRIDGE



NORTH BRIDGE APPROACH

DESIGNED BY: <i>Derek Soden</i>	CHECKED: <i>George Imbsen</i>
DRAWN BY: <i>C. Anderson</i>	CHECKED: <i>Derek Soden</i>
QUANTITIES BY: <i>Derek Soden</i>	CHECKED: <i>George Imbsen</i>

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
BRIDGE SECTION

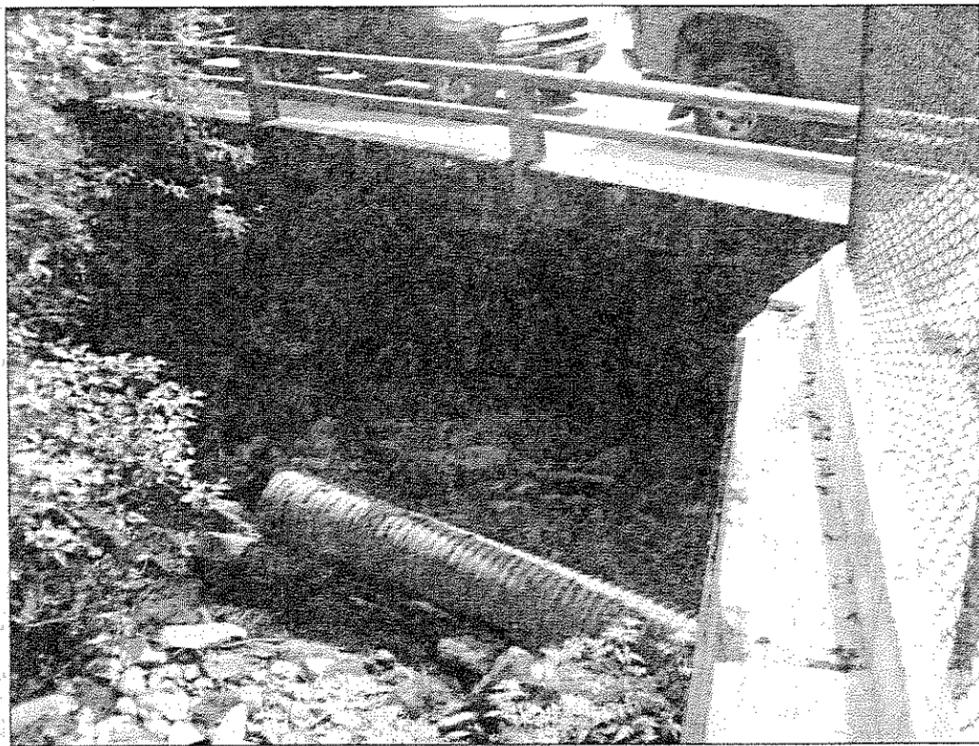


HOADLEY CREEK BRIDGE
NORTH TONGASS HIGHWAY
PHOTO SHEET 1

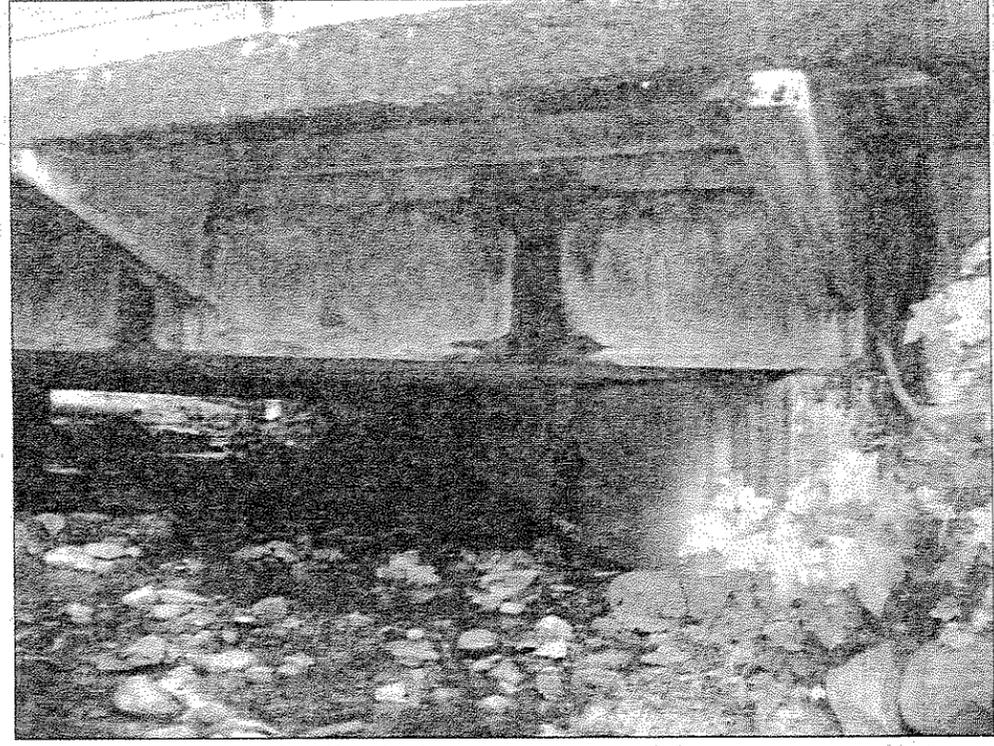


BRIDGE NO. 725
DWG. NO. 4

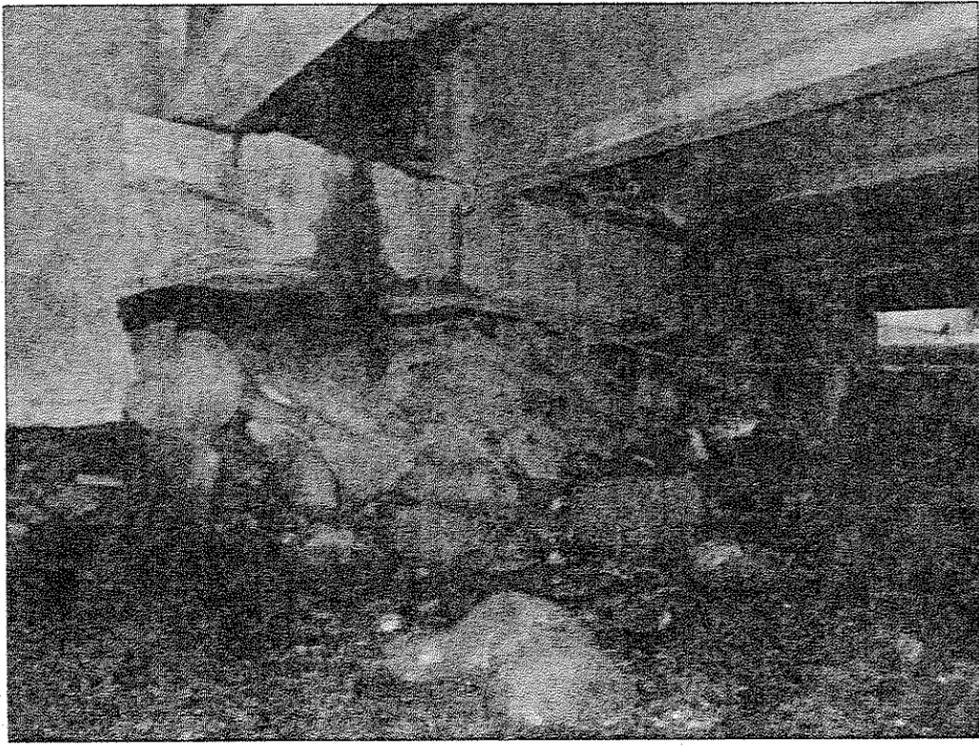
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	BH-0902(32)/68714	2009	B5	11



UNDER BRIDGE ACCESS NORTHEAST CORNER



UNDER BRIDGE ACCESS LOOKING DOWNSTREAM AT ABUTMENT 1



WORK AREA AT ABUTMENT 1



WORK AREA AT ABUTMENT 1

DESIGNED BY: <i>Derek Soden</i>	CHECKED: <i>G. H. Imbsen</i>
DRAWN BY: <i>C. Anderson</i>	CHECKED: <i>Derek Soden</i>
QUANTITIES BY: <i>Derek Soden</i>	CHECKED: <i>G. H. Imbsen</i>

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
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BRIDGE SECTION

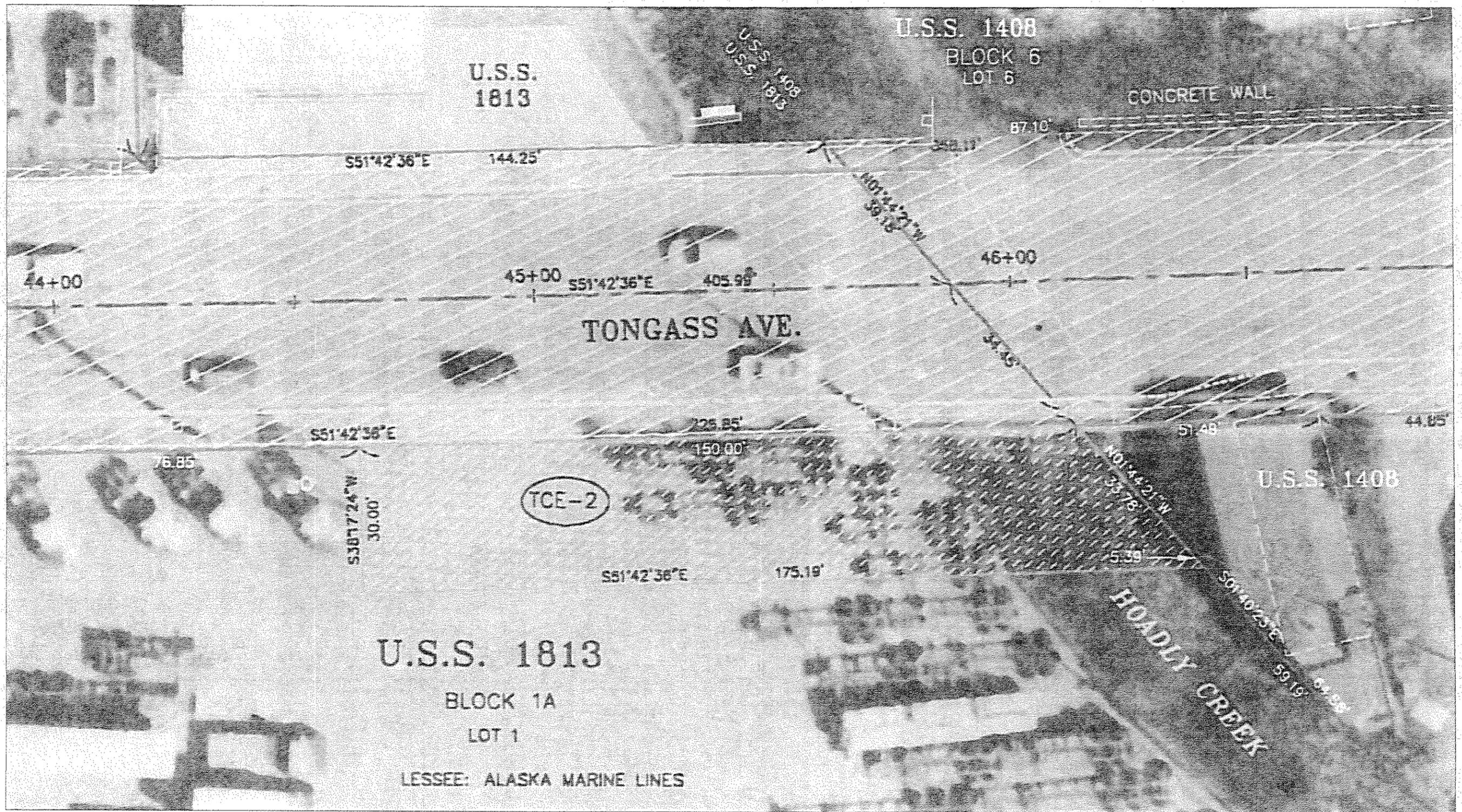


HOADLEY CREEK BRIDGE
NORTH TONGASS HIGHWAY
PHOTO SHEET 2



BRIDGE NO. 725
DWG. NO. 5

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	BH-0902(32)/68714	2009	RI	11



TEMPORARY CONSTRUCTION EASEMENT (TCE-2)

DESIGNED BY:	CHECKED:
DRAWN BY:	CHECKED:
QUANTITIES BY:	CHECKED:

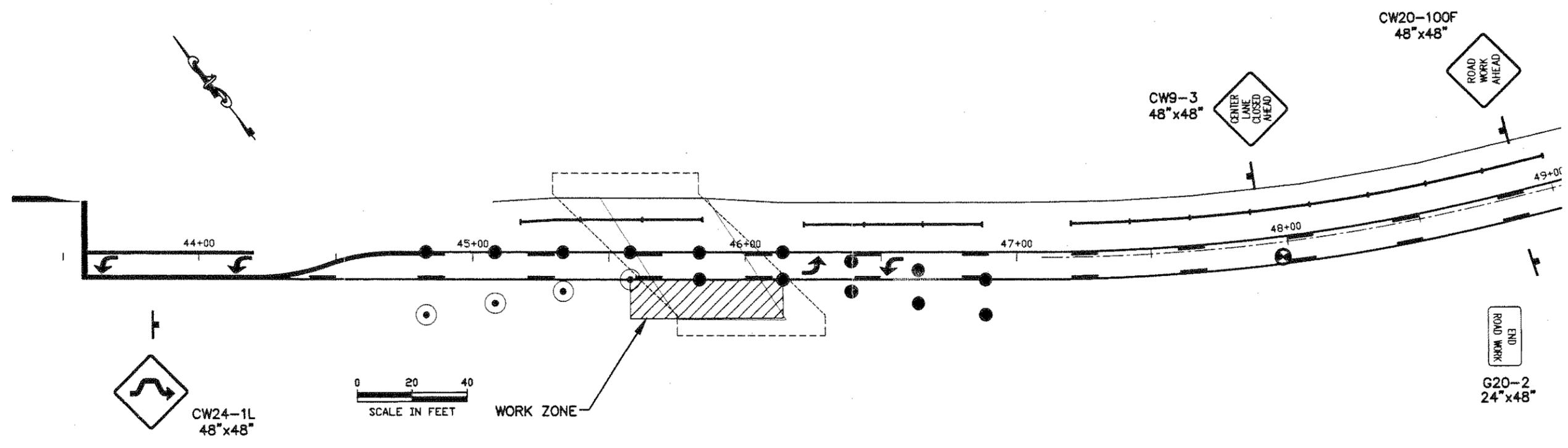
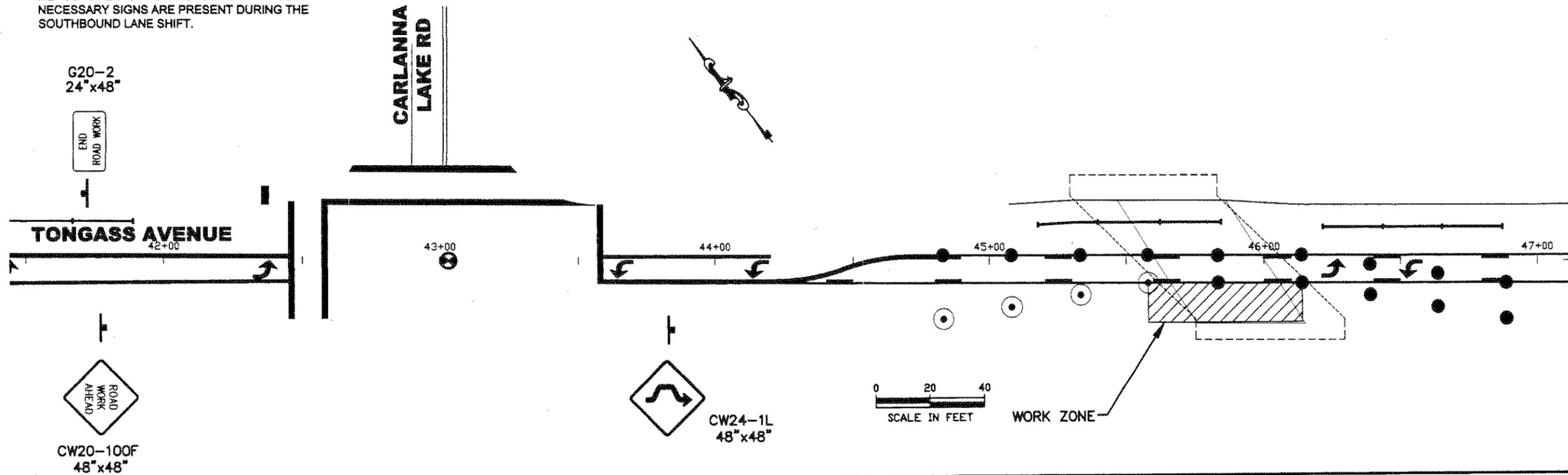
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
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BRIDGE SECTION

HOADLEY CREEK BRIDGE
NORTH TONGASS HIGHWAY
TEMPORARY CONSTRUCTION EASEMENT

BRIDGE NO. 725
DWG. NO. RI

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	BH-0902(32)/88714	2009	S2	11

NOTE: THE TRAFFIC CONTROL PLAN SHOWN ON THIS SHEET SUPPLEMENTS THE TCP SHOWN ON SHEET S1. REFER TO SHEET S1 FOR EXACT MEASUREMENTS AND TO ENSURE THAT ALL NECESSARY SIGNS ARE PRESENT DURING THE SOUTHBOUND LANE SHIFT.



DESIGNED BY: <i>D. Ferguson</i>	CHECKED:
DRAWN BY:	CHECKED:
QUANTITIES BY:	CHECKED: <i>C. Morehouse</i>

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
BRIDGE SECTION

HOADLEY CREEK BRIDGE
TONGASS AVENUE
TRAFFIC CONTROL PLAN


BRIDGE NO. 725
DWG. NO. S2