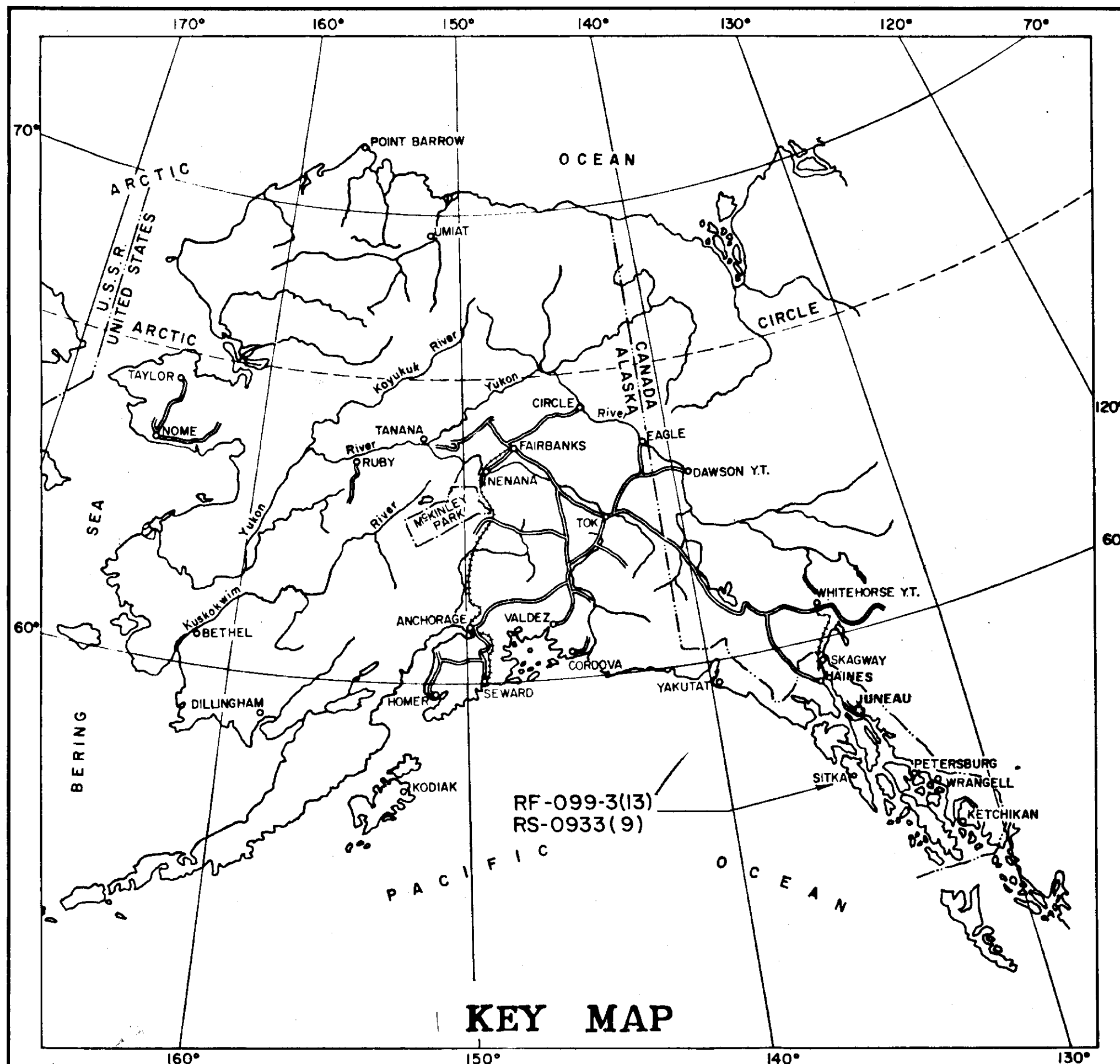




STATE OF ALASKA
DEPARTMENT OF HIGHWAYS

PLAN AND PROFILE
PROPOSED HIGHWAY PROJECT

RF-099-3(13) & RS-0933(9)

SITKA AREA WIDE
BRIDGE DECK REPAIR

STATE	PROJECT	SHEET NO.	TOTAL SHEETS
ALASKA	RF-099-3(13) RS-0933(9)	1	6

INDEX OF SHEETS

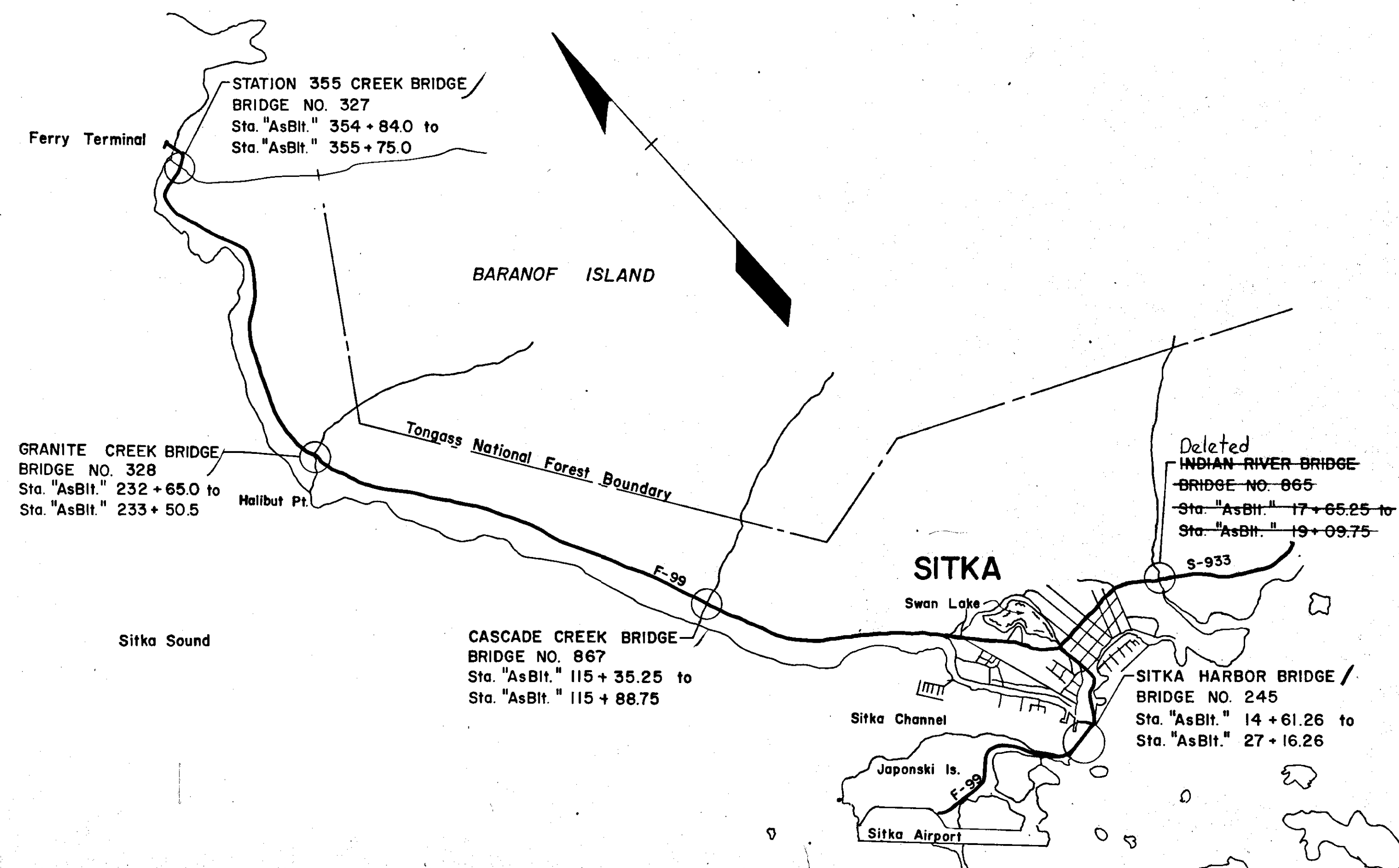
SHEET NO.	DESCRIPTION
1	Title Sheet
2	Bridge Number 245
3	Bridge Number 327
4	Bridge Number 328
5	Bridge Number 865 Deleted
6	Bridge Number 867

ESTIMATE of QUANTITIES			Quantities					
			325 Bridge #					Total
Item No.	Item	Unit	245	327	328	865	867	Total
110(1)	Mobilization	L. S.	All Req'd	All Req'd	All Req'd	All Req'd	All Req'd	All Req'd
111(1)	Temporary Erosion & Pollution Control	C. S.	All Req'd	All Req'd	All Req'd	All Req'd	All Req'd	All Req'd
113(1)	Flagging	Hr.	2033.50	8.00	100	120	9.50	221.73
401(1)	Hot Asphalt Pavement, Class II	Ton	437.43	43.24	20	32	773.20	1286.17
401(2)	Asphalt Cement AR-10 AC-S	Ton	2488.26	249.15	1.5	2.4	4.36	2742.27
407(1)	Membrane Waterproofing	Sq. Yd.	4103	243	228	555	238	5274
402(2)	CSS-1 Cat Emuls. Asphalt Tack	Ton		0.23			0.64	0.87
202(2)	Removal of Pavement	SY	333					333

The following Standard Drawings apply to this project: A-1, C-00.01, C-10.00, C-11.01

DESIGN DESIGNATIONS

RF-099-3(13)	RS-0933(9)
ADT (1974) = 5700	ADT (1974) = 1920
ADT (1995) = 8000	ADT (1995) = 4000
DHV (12%) = 960	DHV (13%) = 520
D = 40-60	D = 30-70
T = 4%	T = 5%

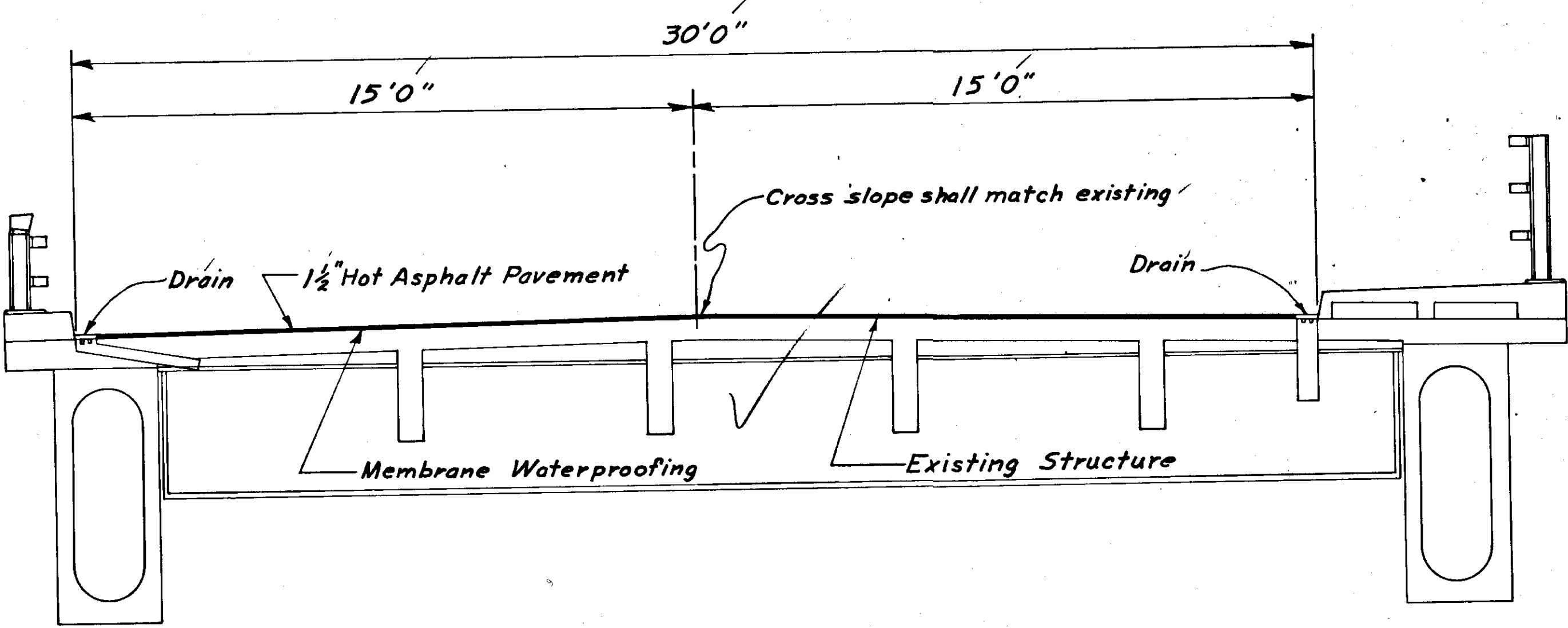


STATE OF ALASKA
DEPARTMENT OF HIGHWAYS

APPROVED
SOUTHEAST DISTRICT ENGINEER
Date 2/27/15

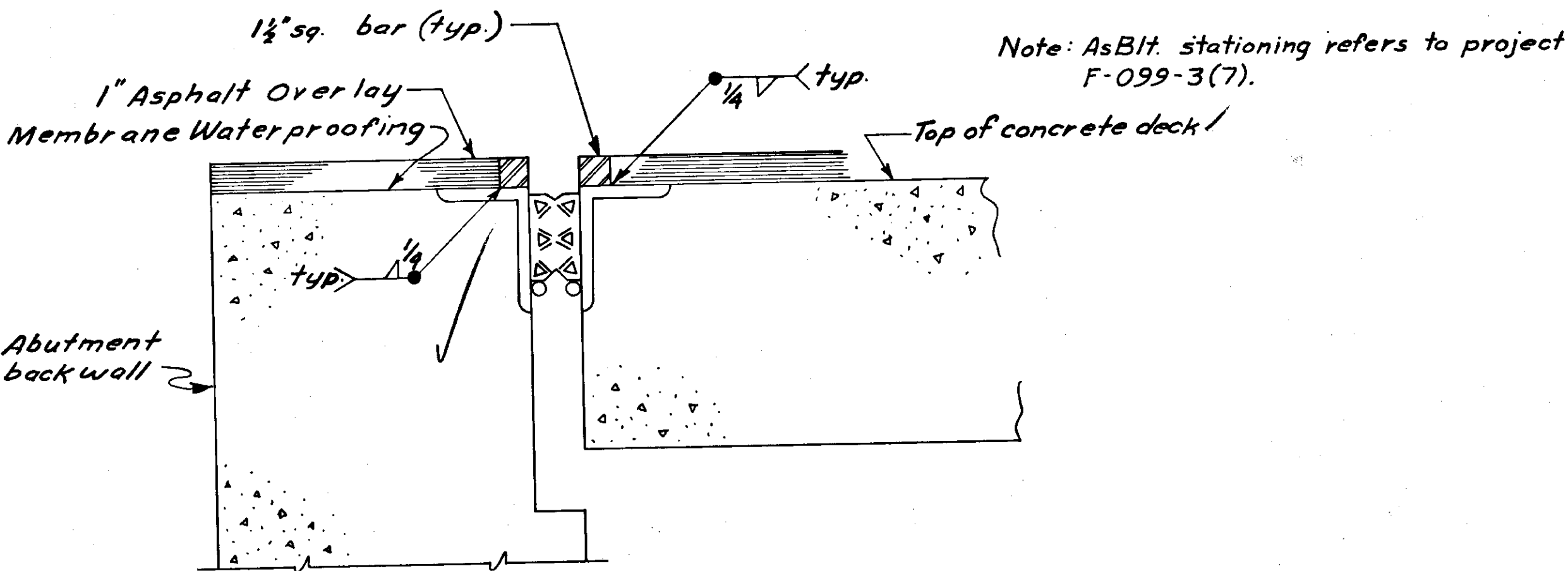
STATE OF ALASKA
DEPARTMENT OF HIGHWAYS
APPROVED
COMMISSIONER OF HIGHWAYS
Date 2/13/15

Note:
All work required including furnishing and installing of material for the expansion joints shall be considered incidental to 407(1).



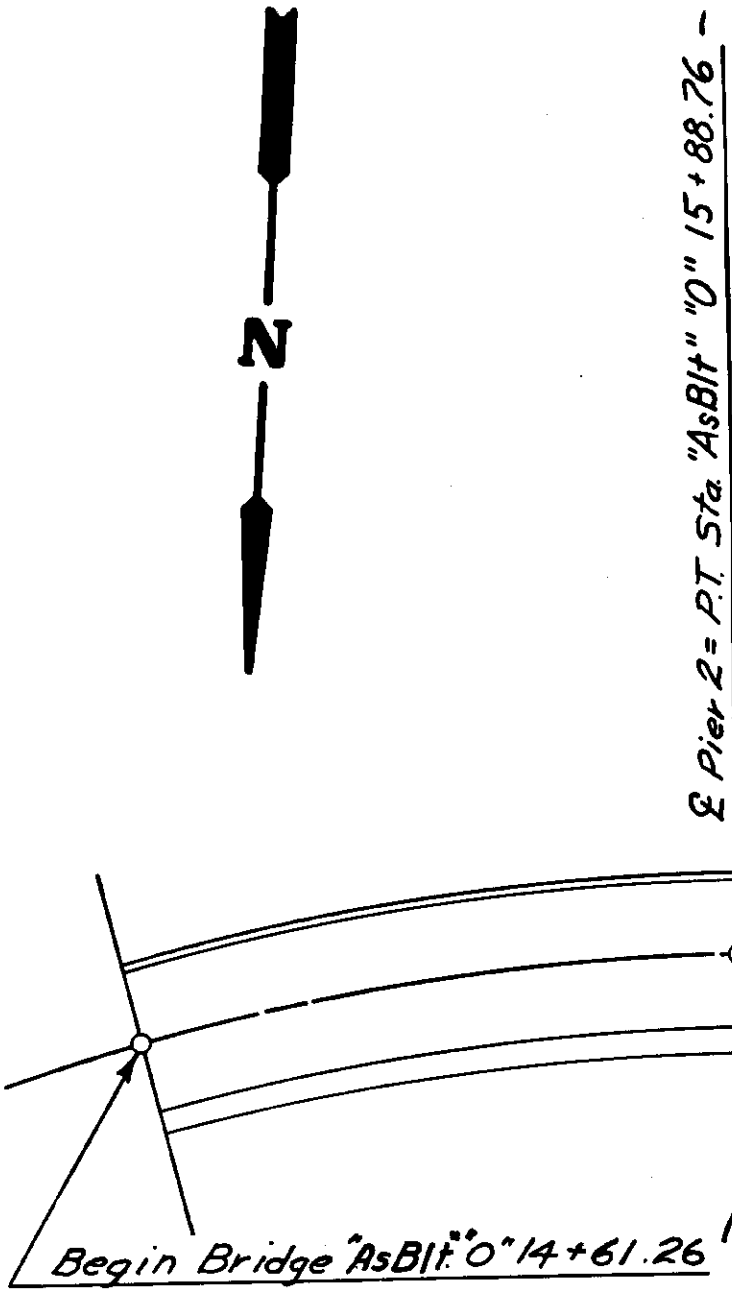
BASIS of ESTIMATE	
Item No.	Estimating Factor
401(1)	112 lbs./sq.yd. inch depth
401(2)	7.4 % of 401(1) - 256 gal./ton
407(1)	sq.yd.

TYPICAL SECTION /
AsBlt. 14+61.26 to 27+16.26

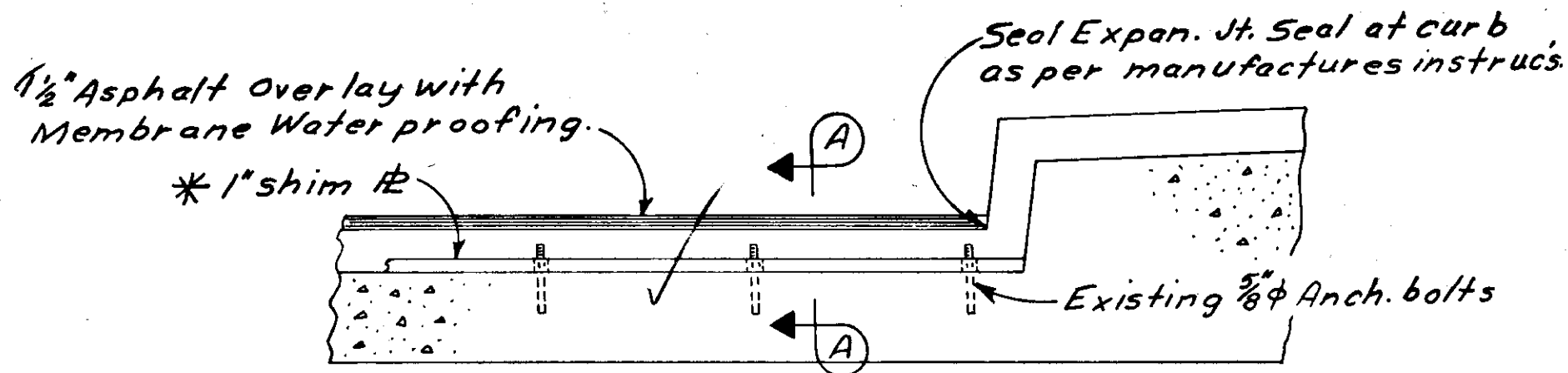


ESTIMATE of QUANTITIES			
Item No.	Item	Unit	Quantity
113(1)	Flagging	Hr.	350
401(1)	Hot Asphalt Pavement Class II	Ton	351
401(2)	Asphalt Cement AR-10	Ton	26
407(1)	Membrane Waterproofing	Sq. Yd.	4183
202(2)	Removal of Pavement	Sq. Yd.	333

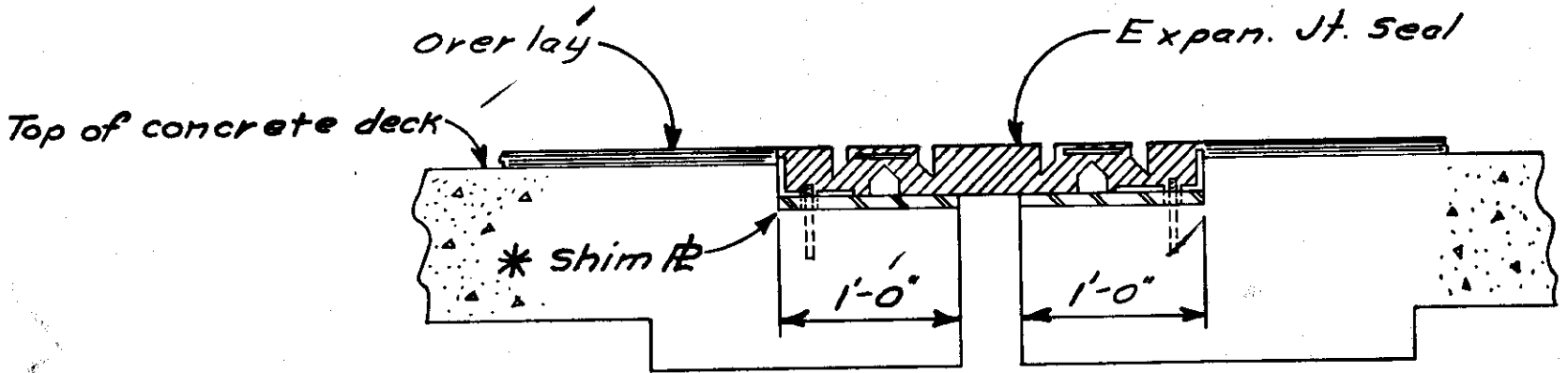
203
437.17
24.88
4168



PLAN



SECTION AT EXPANSION JOINT
(Seal not shown)



SECTION A-A

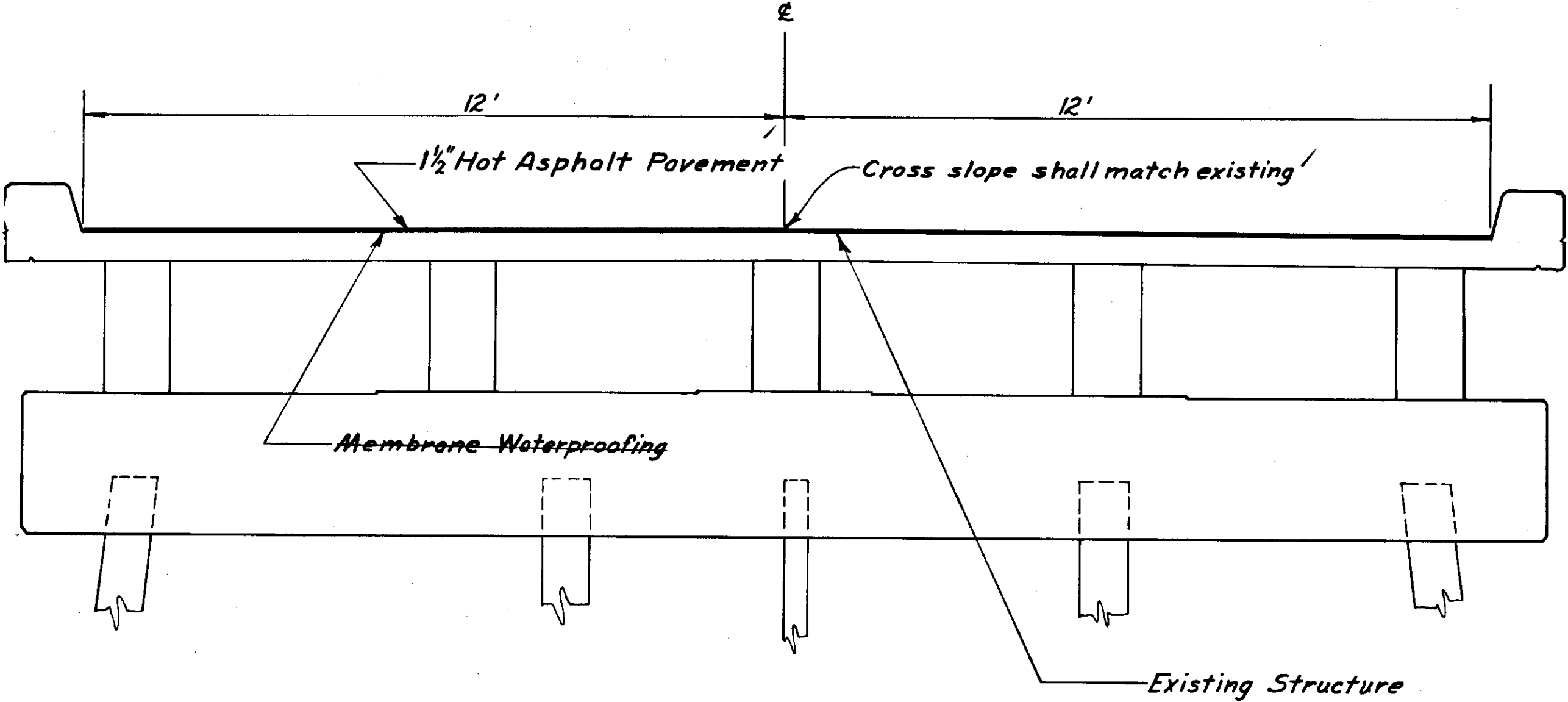
Note:
Remove existing Jt. Seal and place 1" shim as shown. Reinstall Joint seal with 3/8" x 2" lg. Top Bolts utilizing existing Anchor Bolts. Drill holes in shim & ream Joint Seal to accept Top Bolts. Plug holes in Seal after installation.

CURVE DATA
Δ = 50° 30' 02"
D = 14° 15' 00" Rt
L = 354.39'
R = 402.08'
T = 189.64'
S = 4% (rotate about & Rdwy.)

* Contractor may at his option Substitute 1" grout bonded to concrete with epoxy, in lieu of 1" Shimplate.

SITKA HARBOR BRIDGE
ROUTE NO. F-99
BRIDGE NO. 245

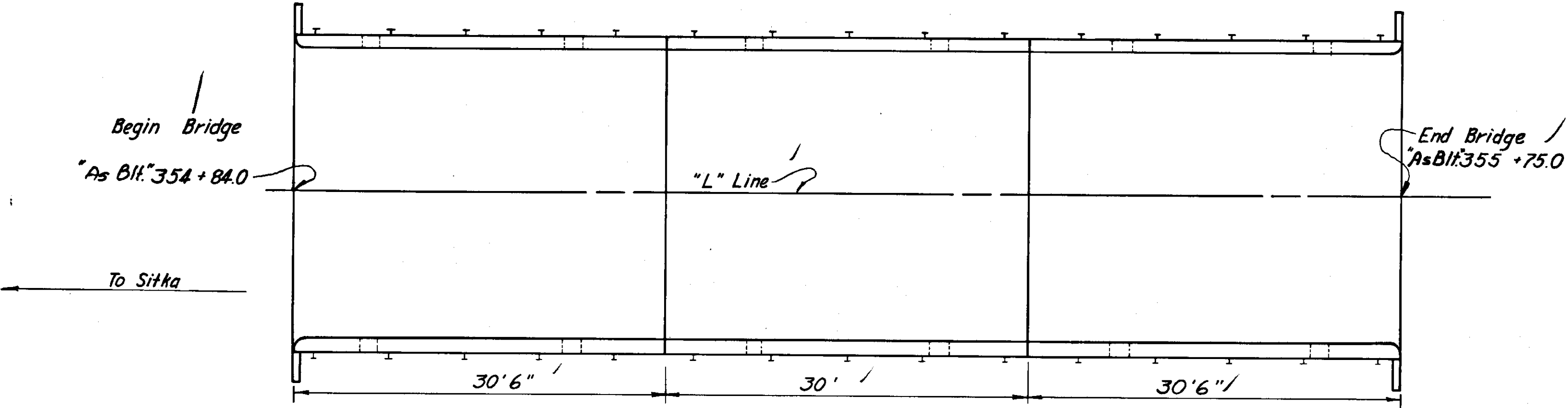
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	RF-099-3(13)	1975	3	6



TYPICAL SECTION
 "As Bilt." 354+84.0 to 355+75.0 '
 Note: "As Bilt." stationing refers to Alaska Forest /
 Highway Project 11-E1

ESTIMATE of QUANTITIES Bridge # 327 & 328			
Item No.	Item	Unit	Quantity
113(1)	Flagging	Hr.	80 8.5
401(1)	Hot Asphalt Pavement Class II	Ton	21432
401(2)	Asphalt Cement AR-10 AC-5	Ton	15249
407(1)	Membrane Waterproofing	Sq. Yd.	243
402(2)	CSS-1 Cat. Emuls. Asph. Tack	Ton	0.23

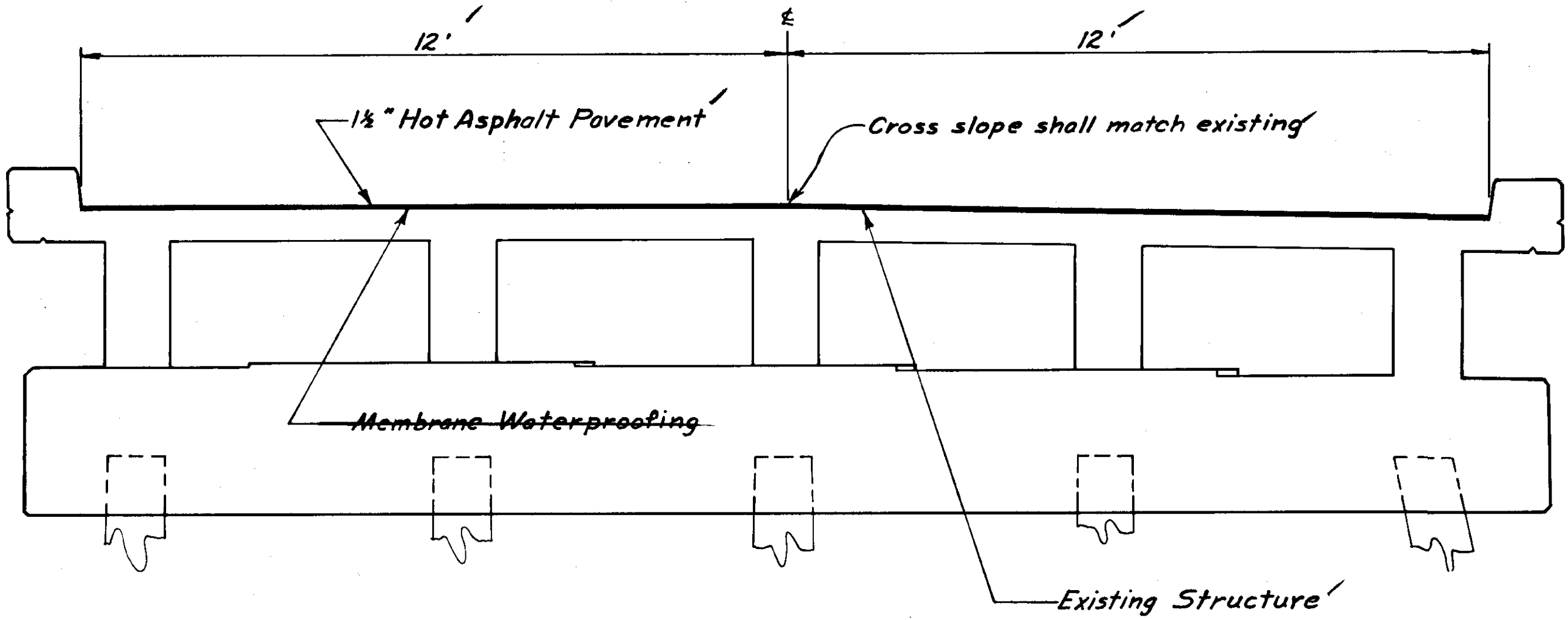
BASIS of ESTIMATE	
Item No.	Estimating Factor
401(1)	112 lbs./sq.yd. inch depth
401(2)	7.4 % of 401(1) - 256 gal./ton
407(1)	sq.yd.



PLAN

BRIDGE AT STATION 355

BRIDGE NO. 327

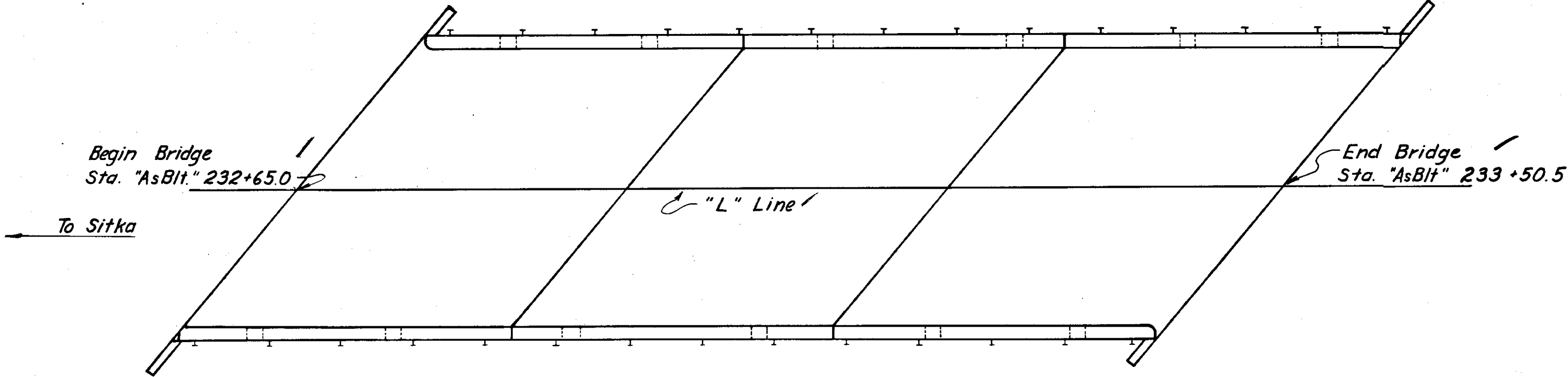


TYPICAL SECTION
"AsBlt" 232+65.0 to 233+50.5

Note: "AsBlt" stationing refers to Alaska Forest Highway Project 11E1

ESTIMATE of QUANTITIES Bridge # 327 & 328			
Item No.	Item	Unit	Quantity
113(1)	Flagging	Hr.	100 8.5
401(1)	Hot Asphalt Pavement Class II	Ton	20 43.24
401(2)	Asphalt Cement AR-10	Ton	7.5 2.49
407(1)	Membrane Waterproofing	Sq. Yd.	228.00
402(2)	CSS-1 Cat. Emuls. Asph. Tack	Ton	0.23

BASIS of ESTIMATE	
Item No.	Estimating Factor
401(1)	112 lbs./sq.yd. inch depth
401(2)	7.4 % of 401(1) - 2.56 gal./ton
407(1)	sq.yd.

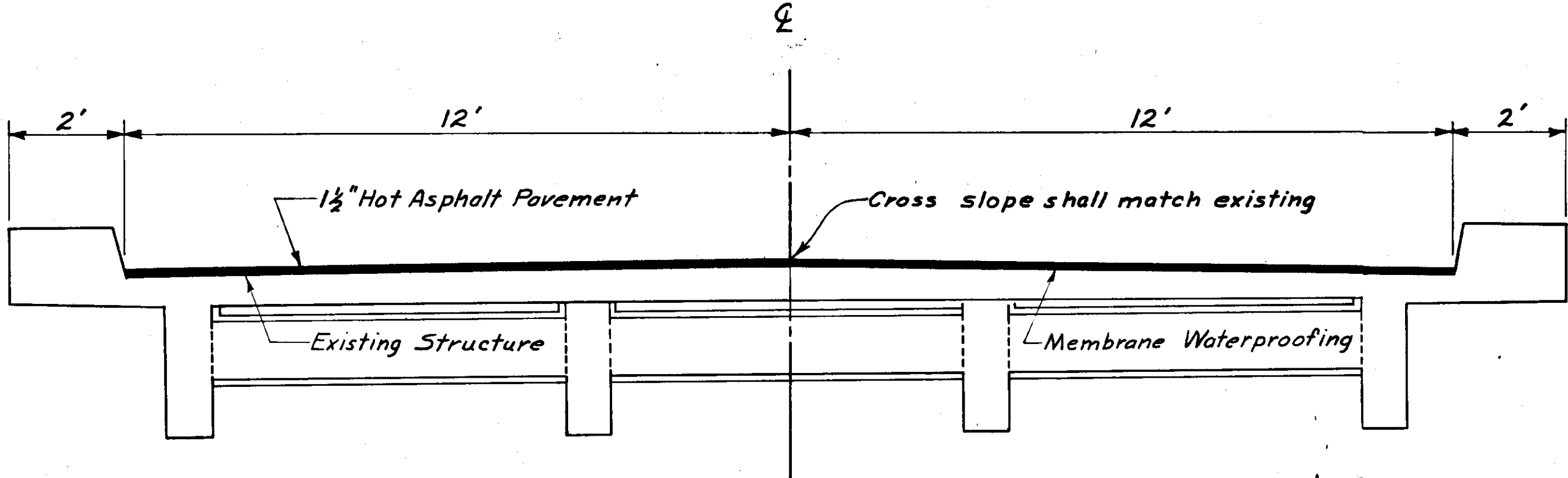


PLAN

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	RS-0933(9)	1975	5	6

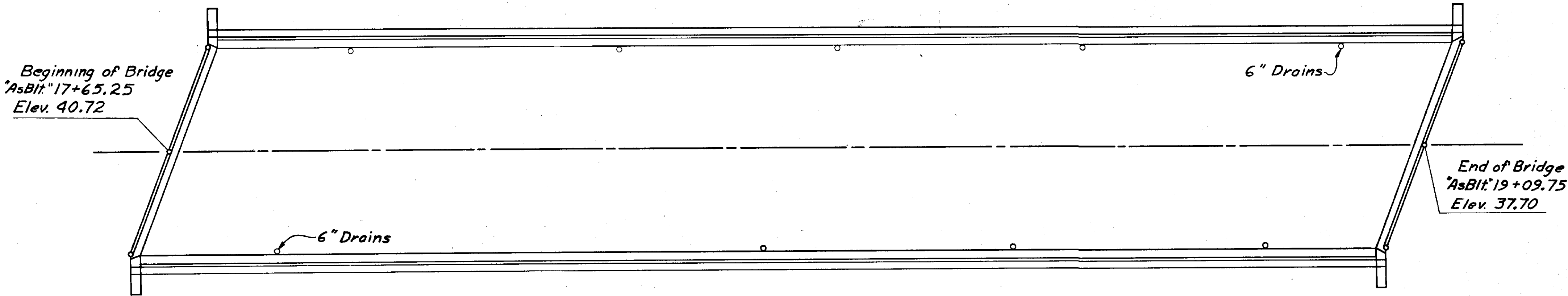
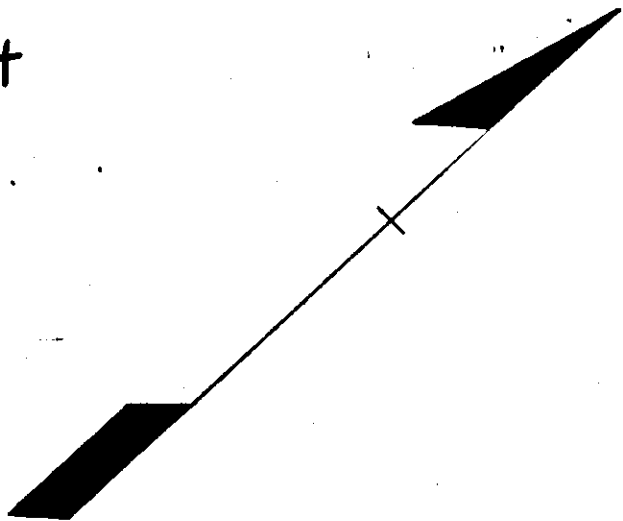
ESTIMATE of QUANTITIES			
Item No.	Item	Unit	Quantity
113(1)	Flagging	Hr.	120
401(1)	Hot Asphalt Pavement Class II	Ton	32
401(2)	Asphalt Cement AR-10	Ton	2.4
407(1)	Membrane Waterproofing	Sq. Yd.	385

BASIS of ESTIMATE	
Item No.	Estimating Factor
401(1)	112 lbs./sq. yd. inch depth
401(2)	7.4 % of 401(1) - 256 gal./ton
407(1)	sq. yd.

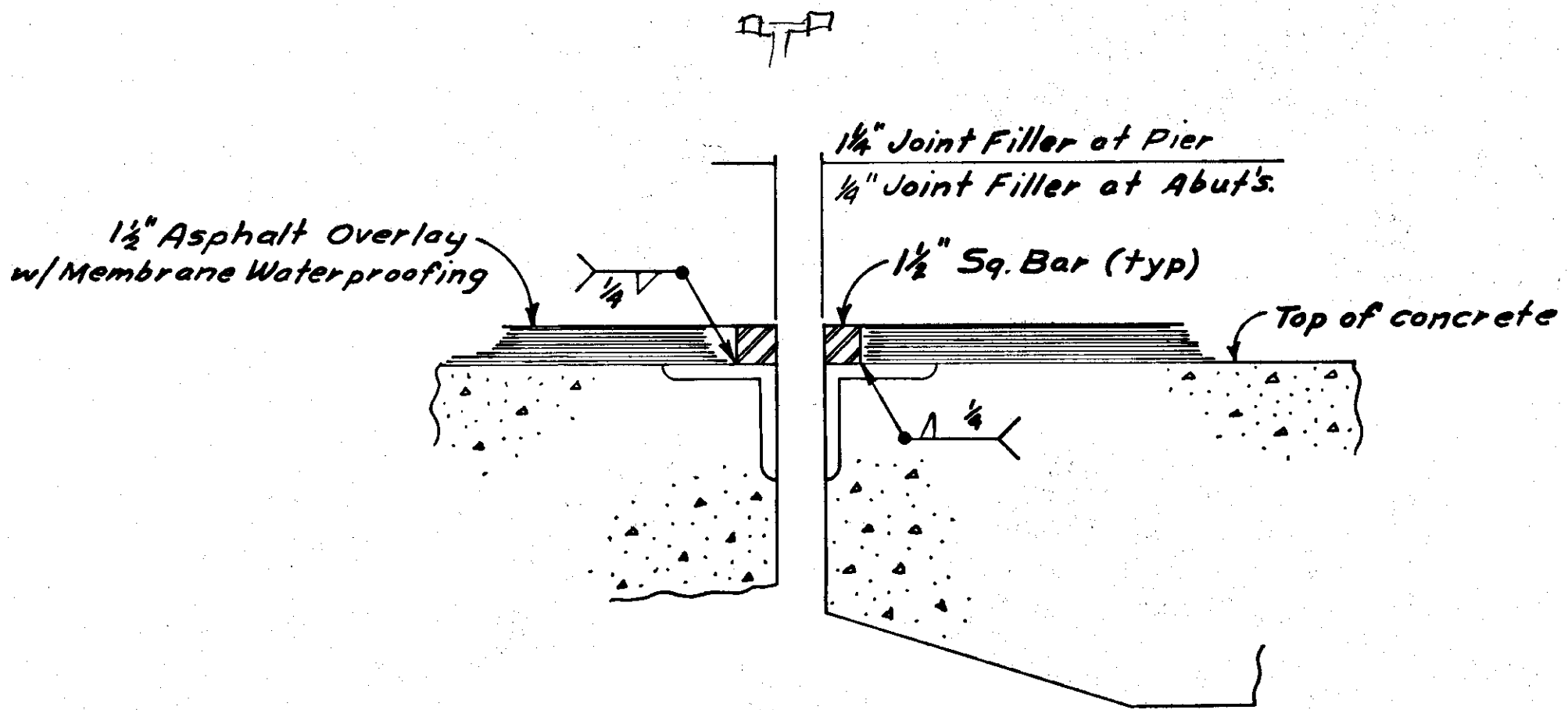


TYPICAL SECTION
 "AsBlt" 17+65.25 to 19+09.72
 Note: AsBlt stationing refers to project
 RG-1062 B.

Bridge # 865 Was Deleted
 From This Contract



PLAN



SECTION AT EXPANSION
 JOINTS

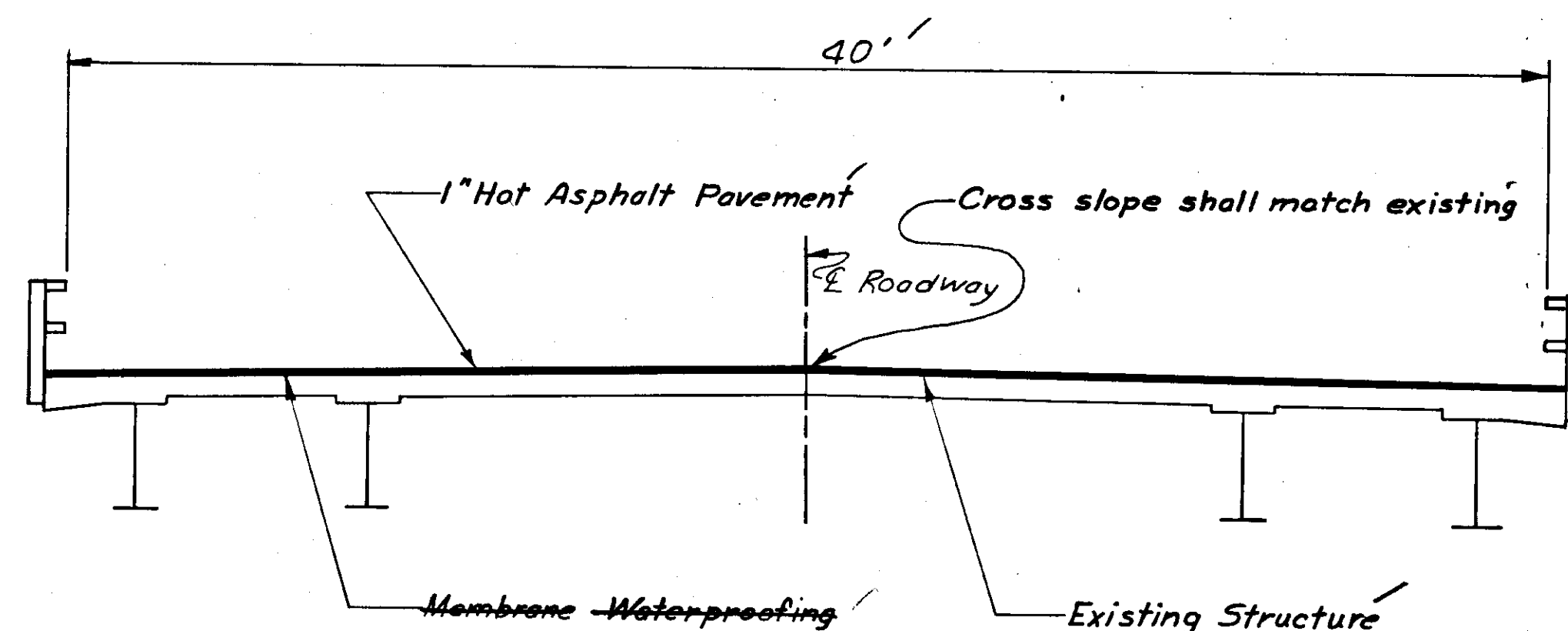
Note:
 All work required including
 furnishing and installing of
 material for the expansion
 joints shall be considered
 incidental to 407(1).

INDIAN RIVER BRIDGE

BRIDGE NO. 865

STATE	PRO
ALASKA	RF

STATION	YEAR	SHEET NO.
113	1975	6



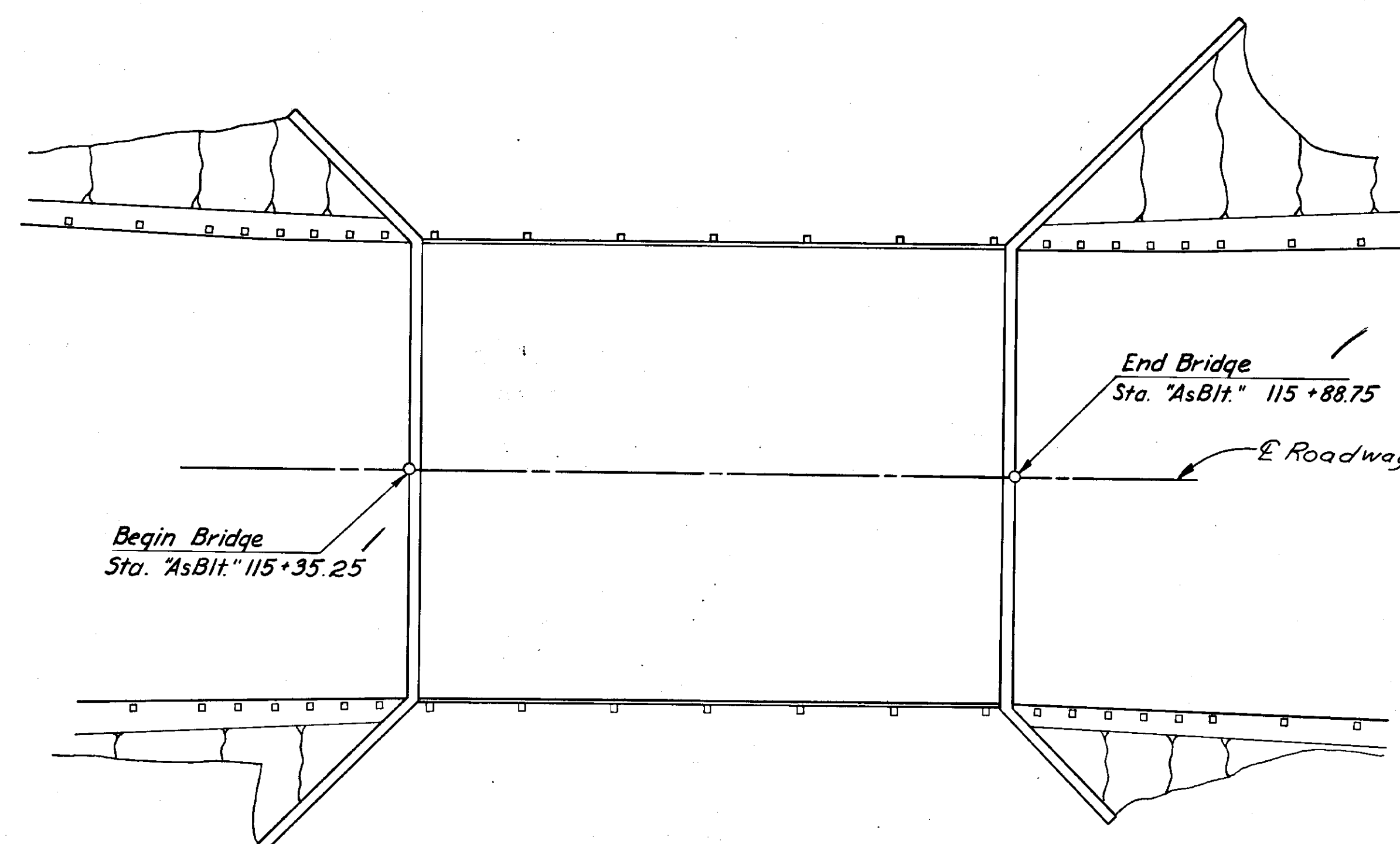
TYPICAL SECTION
"AsBlt." 115+35.25 to 115+88.75

Note: "AsBlt." stationing refers to Project F-099-3(8)

ESTIMATE of QUANTITIES			
Item No.	Item	Unit	Quantity
113(1)	Flogging	Hr.	80
401(1)	Hot Asphalt Pavement Class II	Ton	20
401(2)	Asphalt Cement AR-10	Ton	1.5
407(1)	Membrane Waterproofing	Sq. Yd.	238
402(2)	CSS-1 Cat. Emuls. Asphalt Tack	Ton	0.64

9.5
77.31
4.36

BASIS of ESTIMATE	
Item No.	Estimating Factor
401(1)	112 lbs./sq.yd. inch depth
401(2)	7.4 % of 401(1) - 256 gal./ton
407(1)	sq.yd.



PLAN

N. 33°01'30" W

CASCADE CREEK BRIDGE
ROUTE NO. F-395
BRIDGE NO. 867