

STATE	PROJECT	SHEET NO.	TOTAL SHEETS
ALASKA	RF-095-2(13)	1	2

**STATE OF ALASKA  
DEPARTMENT OF HIGHWAYS**

**PLAN AND PROFILE  
PROPOSED HIGHWAY PROJECT**

**TONGASS AVENUE  
PAVEMENT REPAIR & SEAL COAT  
RF-095-2(13)**

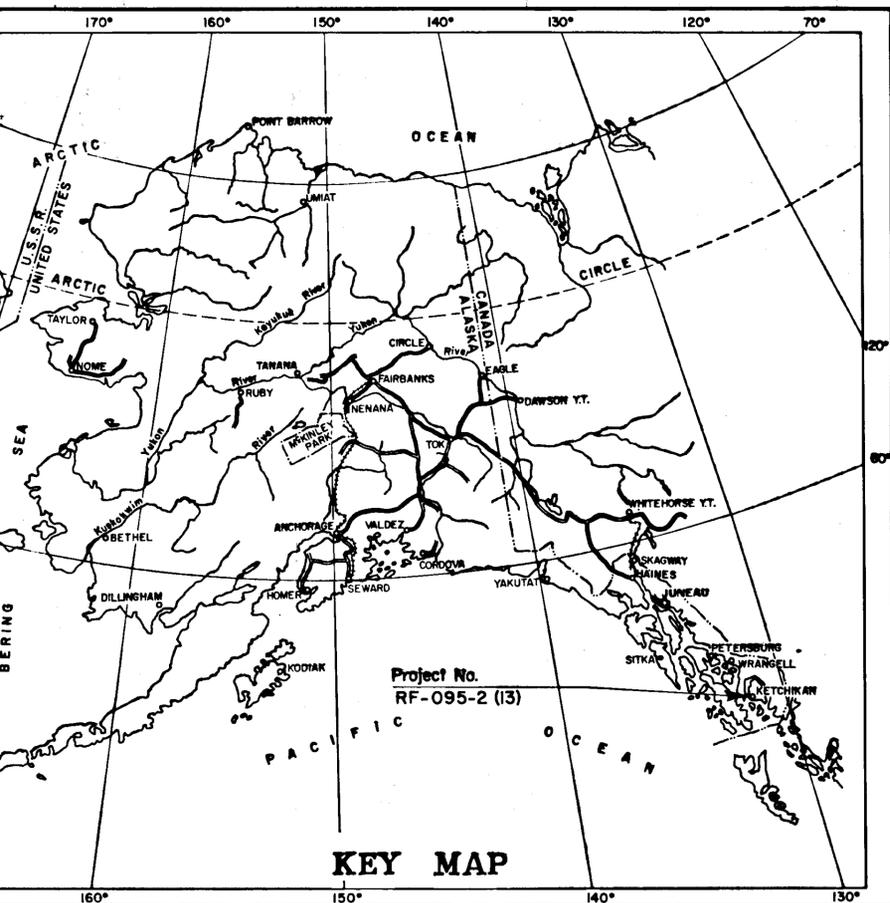
AS-BUILT PLANS  
 CONTRACTOR: ASSOCIATED SAND & GRAVEL CO.  
 PROJECT ENGINEER: D.F. ROBBINS  
 ACTUAL BEGINNING DATE: JUNE 15, 1976  
 ACTUAL COMPLETION DATE: AUGUST 16, 1976

INDEX OF SHEETS

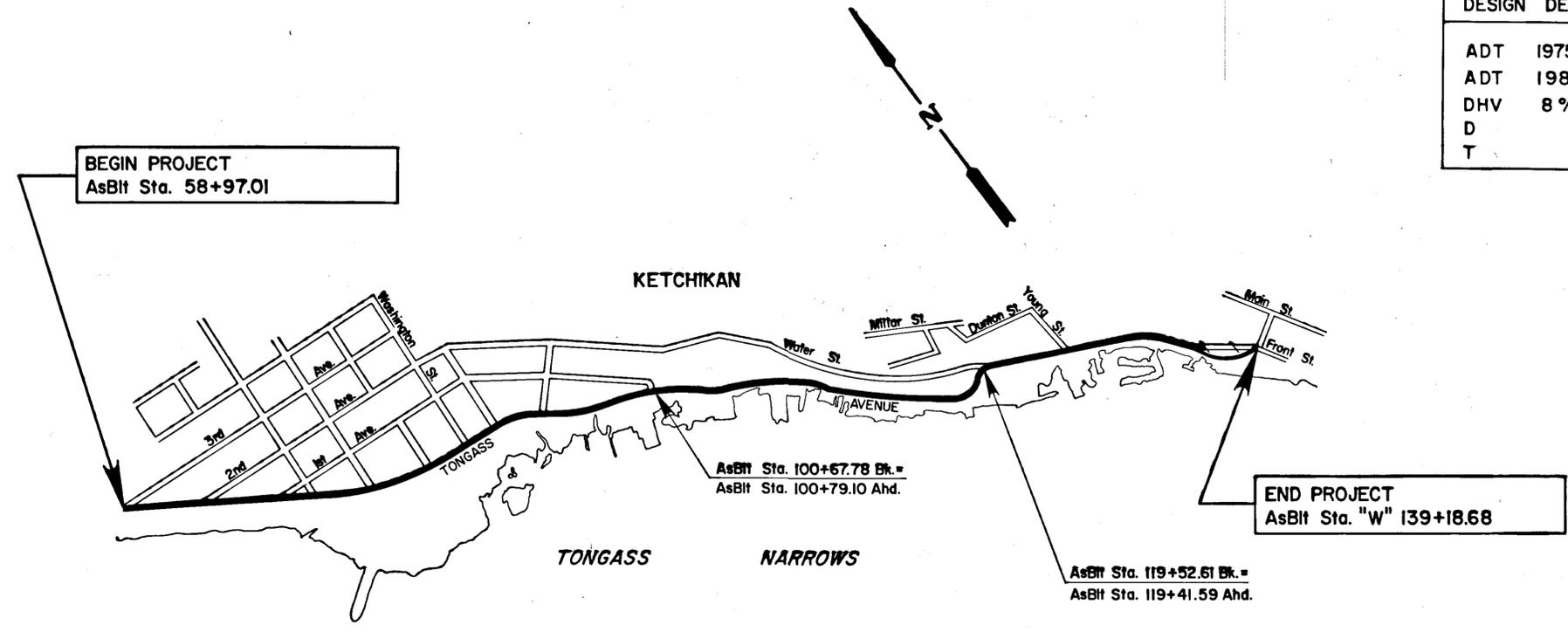
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	TYPICAL SECTIONS & EST OF QUANTITIES

The following standard drawings apply to this project:  
 A-1, C-00.01, C-10.00, C-11.01

LENGTH OF PROJECT = 8044.01' = 1.523 mi.

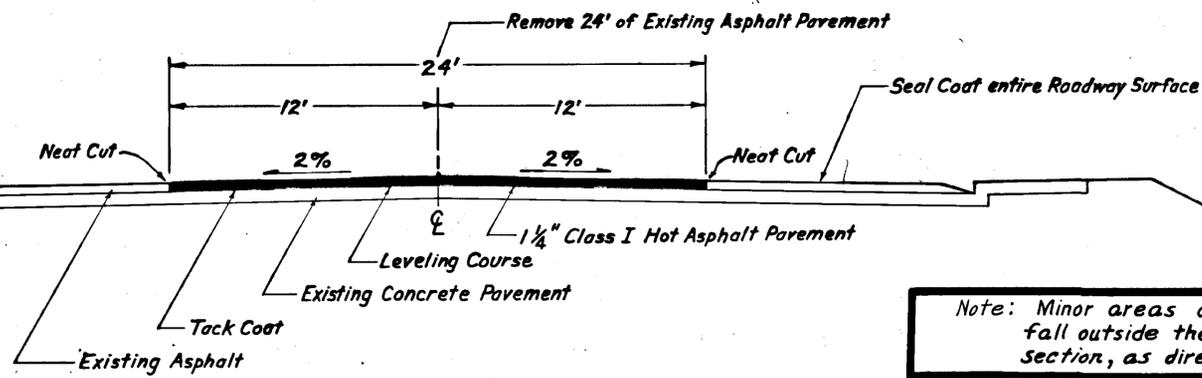


DESIGN DESIGNATION		
ADT	1975	11,400
ADT	1985	17,100
DHV	8%	1,370
D		45-55
T		4%



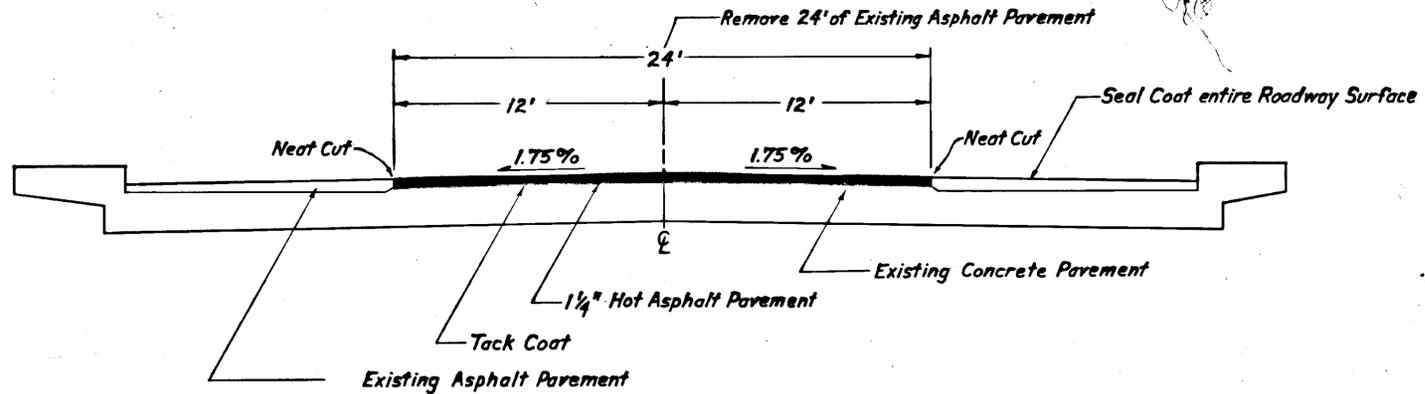
STATE OF ALASKA DEPARTMENT OF HIGHWAYS  
 APPROVED *Wallace K. Williams* Acting Date 4/19/76  
 SOUTHEASTERN DISTRICT ENGINEER

STATE OF ALASKA DEPARTMENT OF HIGHWAYS  
 APPROVED *Paul R. Kelly* Date 4/21/76  
 DEP. COMMISSIONER OF HIGHWAYS



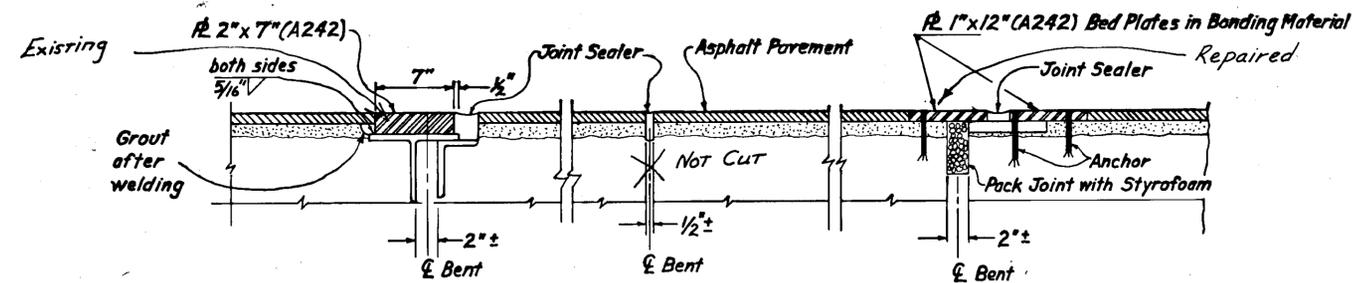
**AsBlt Sta. 58+97.01 to AsBlt Sta. 100+79.10**  
 Note: Asblt. Stationing from Tongass Ave. , Third Ave. South Project F-095-2(10)

Note: Minor areas of Pavement removal may fall outside the Limits shown on the typical section, as directed by the Engineer.



**AsBlt Sta. 100+67.78 to Sta. "W" 135+00.00**  
 Note: Asblt. Stationing from Ketchikan Deck Reconstruction Project F-095-2(7)

**TYPICAL SECTIONS OF IMPROVEMENT**



Section of Expansion Joint      Section of Fixed Joint (typ. for all joints except expansion joints)      Section of Expansion Joint

**PAVEMENT JOINT DETAIL**

**ESTIMATE OF QUANTITIES**

Item No.	Item	Unit	Amount
1	Furnishing and Maintaining Engineering Facilities	LS	All Req'd
110(1)	Mobilization	LS	All Req'd
111(1)	Temporary Erosion and Pollution Control	CS	All Req'd
113(1)	Flagging	MH	600 437.5
202(2)	Removal of Pavement	SY	21,451
401(1)	Class I Hot Asphalt Pavement	Ton	1,815
401(2)	AR-40 Asphalt Cement	Ton	134.3
402(2)	CSS-1 Emulsified Asphalt for Tack Coat	Ton	8.5 7.01
404(4)	CSS-1 Emulsified Asphalt for Seal Coat	Ton	33.1 39.01
404(5)	Cover Coat Material	Ton	25.1 340.44
504(3)	Structural Steel Expansion Joint DELETED	LF	300
109 A	Repair Steel Expansion Joint	FA	All Req'd
109 B	Concrete Repair	FA	All Req'd
604(4)	Adjust Existing Manholes	Each	5
614(4)	Adjust Existing Monument Cases	Each	2
628(11)	Adjust Existing Valve Boxes	Each	9

None Req'd  
 23,484  
 2,170.99  
 109.06  
 EWO #1  
 EWO #1  
 EWO #2  
 EWO #3  
 EWO #3  
 EWO #3

**BASIS OF ESTIMATE**

Item	Estimating Factor
401(1)	112 pounds per Square Yard per Inch Depth
401(2)	7.4% of 401(1)
402(2)	0.10 Gallons per Square Yard (253 gallons per ton)
404(4)	0.20 Gallons per Square Yard (252 gallons per ton)
404(5)	12 pounds per Square Yard