

KEY MAP

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES

PLAN AND PROFILE PROPOSED HIGHWAY PROJECT

TONGASS AVENUE PAVING SR-M-0920(1) & SR-M-0902(7)

AS-BUILT PLANS

CONTRACTOR: ASSOCIATED SAND & GRAVEL CO., INC.
PROJECT ENGINEER: D. F. ROBBINS
BEGINNING DATE: 6-12-81
COMPLETION DATE: 8-18-81

STATE	PROJECT	SHEET NO.	TOTAL SHEETS
ALASKA	SR-M-0902(7) SR-M-0920(1)	1	4

TITLE SHEET

SHT. NO.	INDEX OF SHEETS
1	TITLE SHEET
2	TYPICAL SECTIONS OF IMPROVEMENTS ESTIMATE OF QUANTITIES
3	PROJECT LOCATIONS MAP
4	TRAFFIC CONTROL PLAN

THE FOLLOWING STANDARD DRAWINGS APPLY TO THIS PROJECT:
C-00.04, C-10.03, C-11.03, T-20.03, T-21.03, T-22.00

PROJECT SUMMARY SR-M-0920(1)

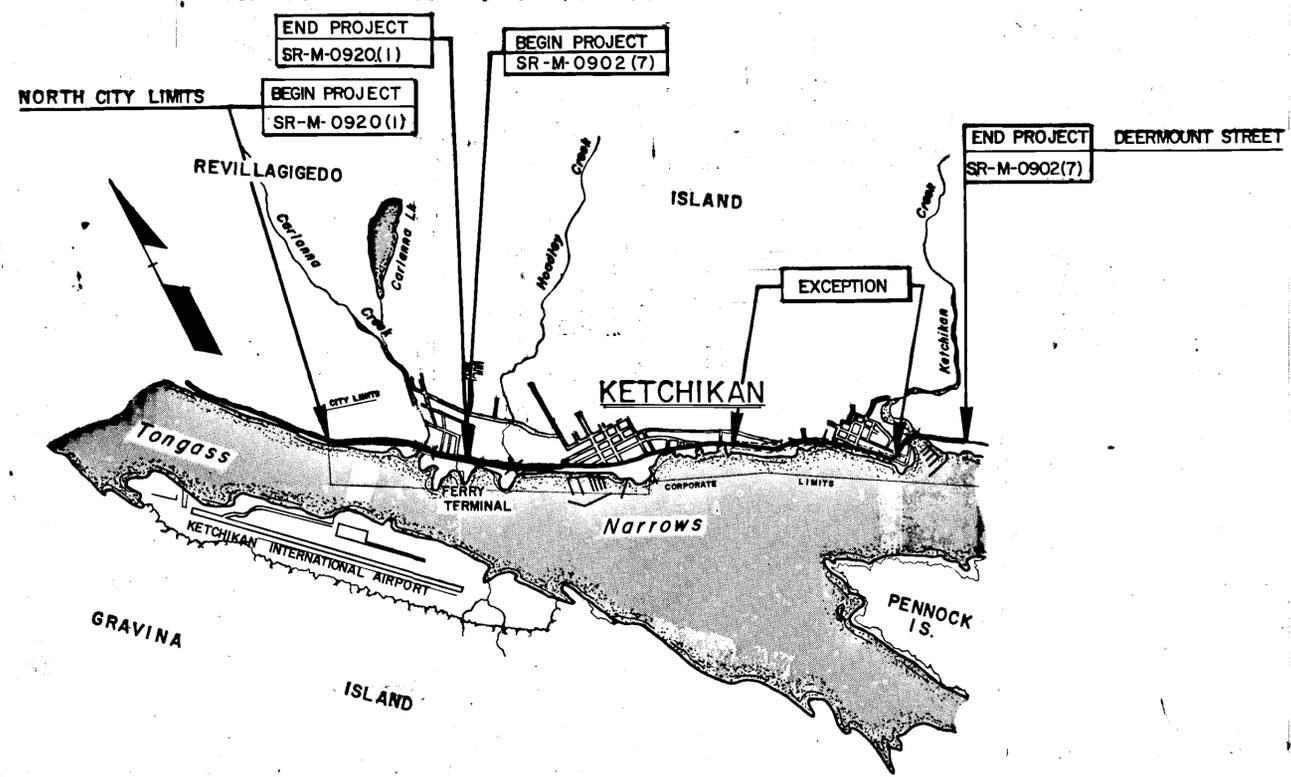
Width of Pavement	24 ft.
Length of Bridge	86 ft. = 0.016 mi.
Length of Paving	3430 ft. = 0.65 mi.
Length of Project	3430 ft.

PROJECT SUMMARY SR-M-0902(7)

Width of Pavement	24 & 36 ft.
Length of Bridge (Hoadley Cr.)	45 ft. = 0.009 mi.
Length of Bridge (Ketchikan Cr.)	124 ft. = 0.023 mi.
Length of Paving	8679 ft. = 1.644 mi.
Length of Exception	4922 ft. = 0.932 mi.
Length of Project	13601 ft. = 2.576 mi.

DESIGN DESIGNATION

	SR-M-0920(1)	SR-M-0902(7)
ADT 1979 =	6,980	15,442
ADT 2000 =	10,372	22,946
DHV = 13% =	1,348	4,589
DHV = 20% =		
D =	45-55	45-55
T =	3.5%	4.0%
T.I. =	8.0	9.0
V =	25mph.	25m.p.h.



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

APPROVED
Wallace K. Williams Date 2-2-81
SOUTHEASTERN REGION
DESIGN/CONSTRUCTION ENGINEER

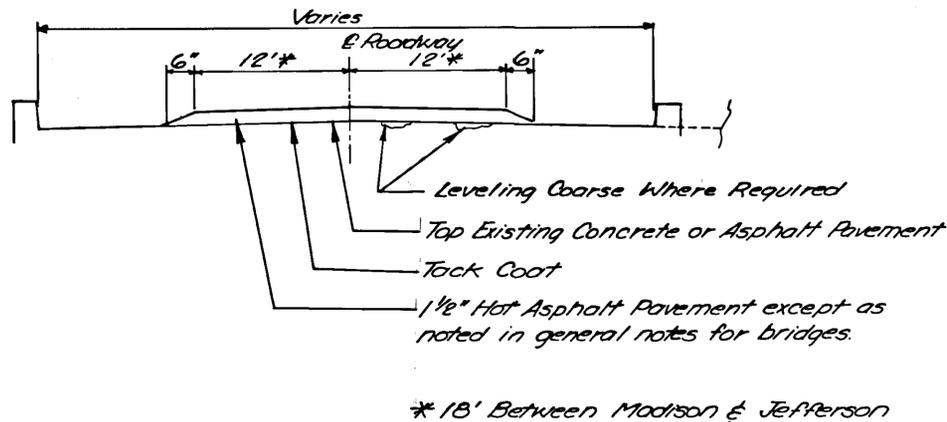
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

APPROVED
Charles J. Smith Date 2-10-81
DIRECTOR-HIGHWAY DESIGN & CONSTRUCTION

ESTIMATE OF QUANTITIES

ITEM NO.	ITEM	UNIT	QUANTITY
1	Furnish & Maintain Engineering Facilities	L.S.	All Req'd.
109(1)	Petroleum Escalation	C.S.	All Req'd.
110(1)	Mobilization	L.S.	All Req'd.
111(1)	Temporary Erosion & Pollution Control	C.S.	All Req'd.
113(1)	Flagging	man hrs.	400 342
114(1)	Const. Engineering by Contractor	L.S.	All Req'd.
115(1)	Traffic Maintenance	L.S.	All Req'd.
115(2)	Construction Signs	L.S.	All Req'd.
401(1)	Hot Asphalt Pavement, Class II	Ton	500 4916
401(2)	AC-10 Asphalt Cement	Ton	267 256
402(2)	CSS-1 Emulsified Asphalt for Tack Coat	Ton	9
407(1)	Membrane Waterproofing	S.Y.	420 426
604(4)	Adjust Existing Manholes *	Each	37 23
614(2)	Monument Cases	Each	7 0
614(3)	Adjust Monument Cases	Each	26 30
620(1)	Adjust Valve Boxes	Each	30 272
670(6)	Thermoplastic Pavement Markings	L.S.	All Req'd.
670(7)	Thermoplastic Intersection Markings	L.S.	All Req'd.
614(4)	Monument & Valve Box Lids	L.S.	All Req'd.

None Req'd.
None Req'd.



TYPICAL SECTION

TYPICAL SECTIONS

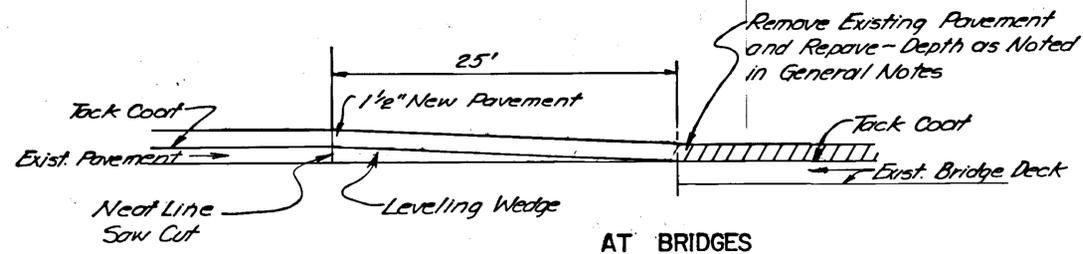
GENERAL NOTES

1. On Carbonna Creek Bridge, remove the existing asphalt pavement. Pavement removal shall be a neat line cut with a saw. Apply deck protection according to the specifications and the manufacturers recommendations, and repave to a depth of one and one half inches.
2. On Hoodley Creek Bridge, remove the existing asphalt pavement and repave to a depth of one inch.
3. On Ketchikan Creek Bridge, remove the existing asphalt pavement and repave to a depth of one and one half inches.
4. Pavement removal on the bridges and in the approach transition area to the bridges and ends of project shall be incidental to Item 401(1).

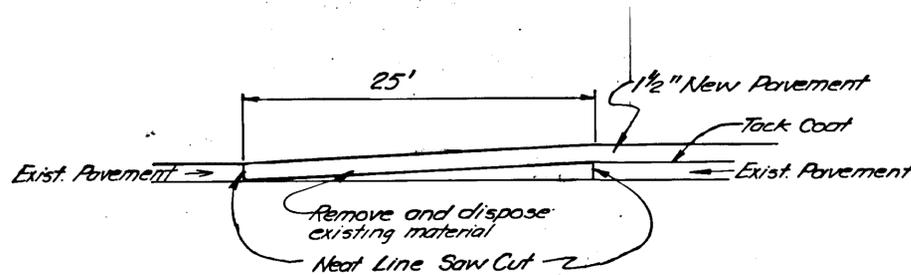
* One of these is a Sewer Valve Box.

BASIS OF ESTIMATE

ITEM	ESTIMATING FACTOR
401(1)	123 Pounds/Square yard/Inch depth
401(2)	6.2% of 401(1)
402(2)*	0.05 Gal. per sq. yd. 253 Gal./ton
407(1)	420 sq. yd.
670(6)	11,400 Lin. Ft. 4" wide yellow stripping.
	* 0.10 Gal. per sq. yd. diluted mixture.



AT BRIDGES

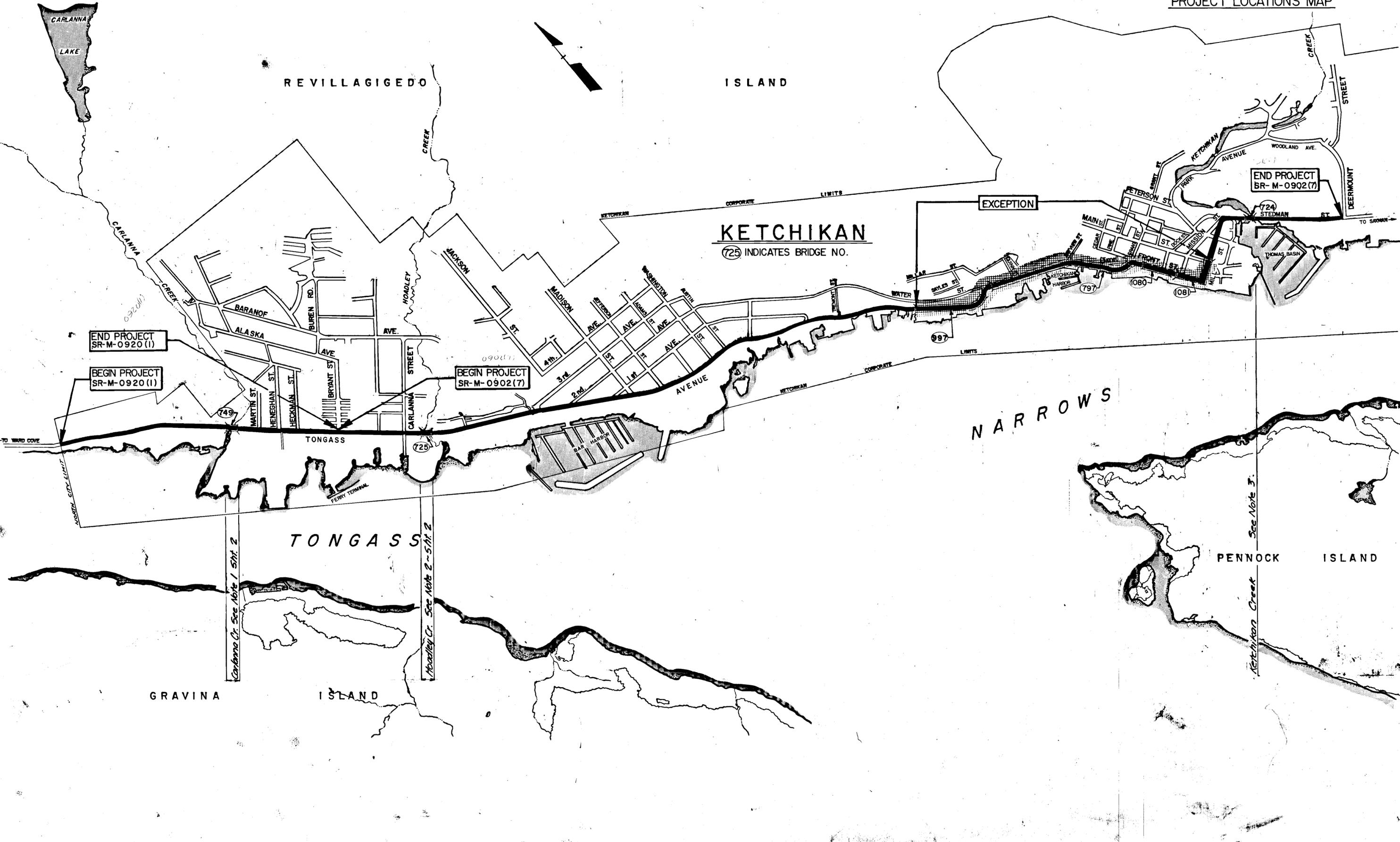


AT ENDS OF PROJECT

PAVEMENT TRANSITION DETAILS

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	SR-M-0920 (1)	1980	3	4
	SR-M-0902 (7)			

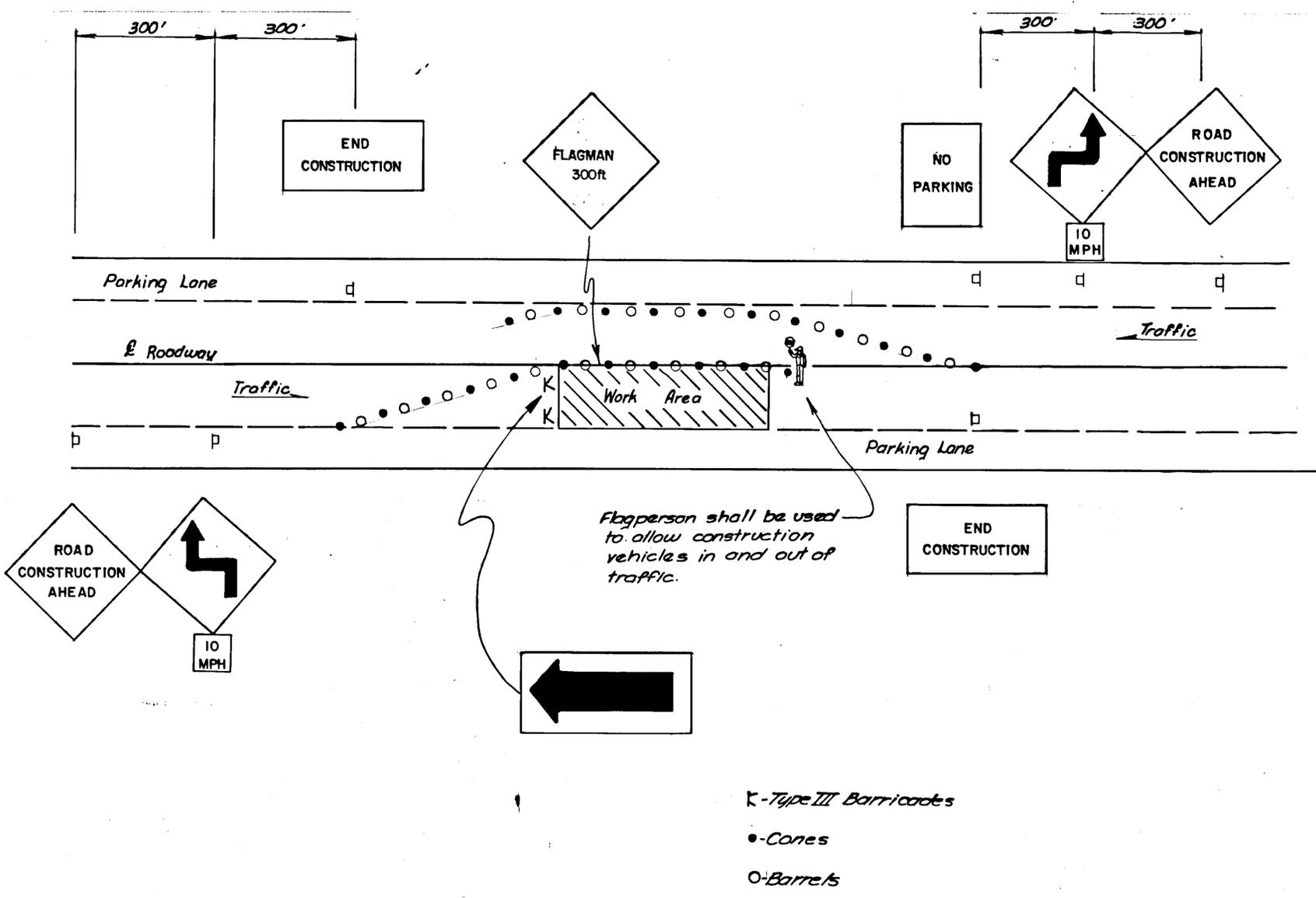
PROJECT LOCATIONS MAP



STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	M-0920 (1) M-0902 (7)	1980	4	4

TYPICAL LANE CLOSURE PLAN

This typical shall be reversed for work in the opposite lane.



TRAFFIC CONTROL PLAN

NOTES

- Two way traffic shall be maintained at all times by the deletion of parking through the construction area and using the parking lane as a traffic lane. Any parking signs shall be covered and adequate temporary no parking signs installed.
- The contractor shall designate at least one employee to maintain and continuously monitor the condition and placement of all traffic control devices during roadway work operations. This employee shall have no other duties.
- The contractor shall coordinate his work with the City and shall have prior approval before closing or detouring any traffic over any side street.
- The contractor shall be responsible for keeping the public advised through the news media of his construction activities and scheduling.
- Two flagpersons and alternating oneway traffic, plus proper signing will be required while paving across the bridges.