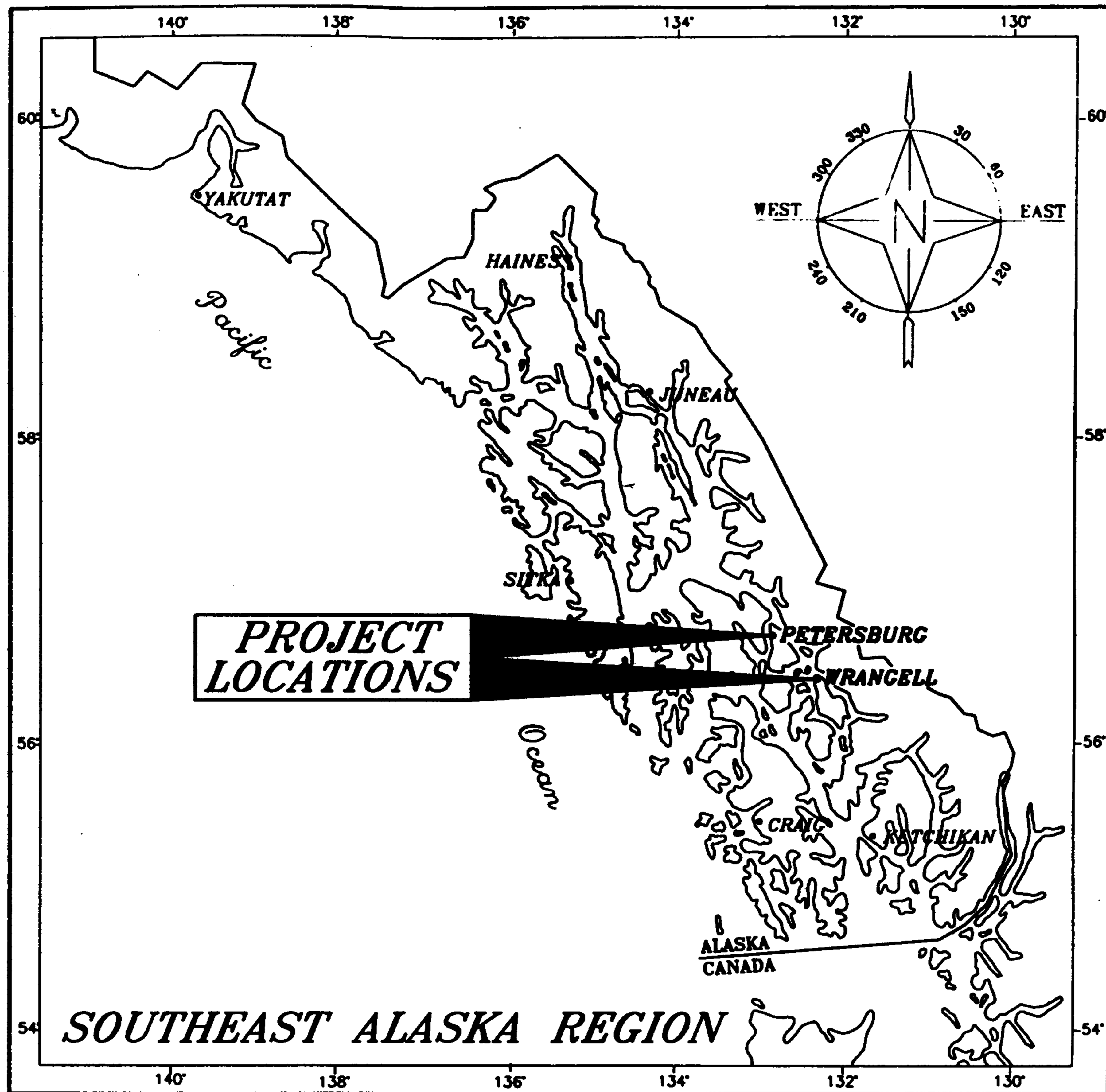

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES SOUTHEAST REGION

JUNEAU, ALASKA

SOUTHEAST ROAD SURFACE TREATMENTS 1999/2000

PROJECT NO. STP-0003(63) (67789)

&

NON-N.H.S. PAVEMENT REHABILITATION

PROJECT NO. STP-000S(315) (67802)

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET (COMBINED PROJECTS)
2	ESTIMATE OF QUANTITIES
1-8	SOUTHEAST ROAD SURFACE TREATMENTS 1999/2000
1-6	NON-N.H.S. PAVEMENT REHABILITATION

THE FOLLOWING STANDARD DRAWINGS APPLY TO THIS PROJECT:
A-1M, C-01.03M, C-02.01M, C-03.01M, S-00.00M, S-05.00M, S-30.01M, T-20.00M, T-21.02M.

AS-BUILT PLANS

Contractor: Southeast Road Builders, Inc.
Project Engineer: Mark Figley & Larry Geise
Begin Date: August 1999
End Date: June 30, 2000
Total Contract Amount: $1,466,716.02

DESIGN DESIGNATION

	SCOW BAY LOOP	FALLS CREEK ROAD	PAPKE'S LANDING ROAD	CRYSTAL LAKE HATCHERY ROAD	MITKOF HIGHWAY	HAUGEN DRIVE SANDY BEACH ROAD & NORDIC DRIVE	WRANGELL EAST ROAD	ZIMOVIA HIGHWAY
ADT 1999	140	230	130	130	2910	740/730/2940	180	2190
ADT 2004	150	240	140	140	3150	830/820/3050	190	2280
DHV	20	30	20	20	400	110/100/390	20	290
V	40 KPH	30 KPH	40 KPH	30 KPH	80 KPH	65 KPH/65 KPH/50 KPH	65 KPH	65/80 KPH

Q:\SEA\67789\Asbuilt

PROJECT SUMMARY

	LENGTH OF SURFACE TREATMENT	WIDTH OF SURFACE TREATMENT
1 SCOW BAY LOOP ROAD	447 METERS	6.6 METERS
2 FALLS CREEK ROAD	162 METERS	6.0 METERS
3 PAPKE'S LANDING ROAD	830 METERS	5.4 METERS
4 CRYSTAL LAKE HATCHERY ROAD	323 METERS	VARIES 3 TO 5 METERS
5 MITKOF HIGHWAY	22,039 METERS	7.3/9.8 METERS
6 HAUGEN DRIVE	1,105 METERS	9.7 METERS
7 SANDY BEACH RD	2,646 METERS	9.7 METERS
8 NORDIC DRIVE	1,495 METERS	9.8 METERS
9 WRANGELL EAST ROAD	2,927 METERS	7.3 METERS
10 ZIMOVIA HIGHWAY	14,958 METERS	8.5/7.3 METERS

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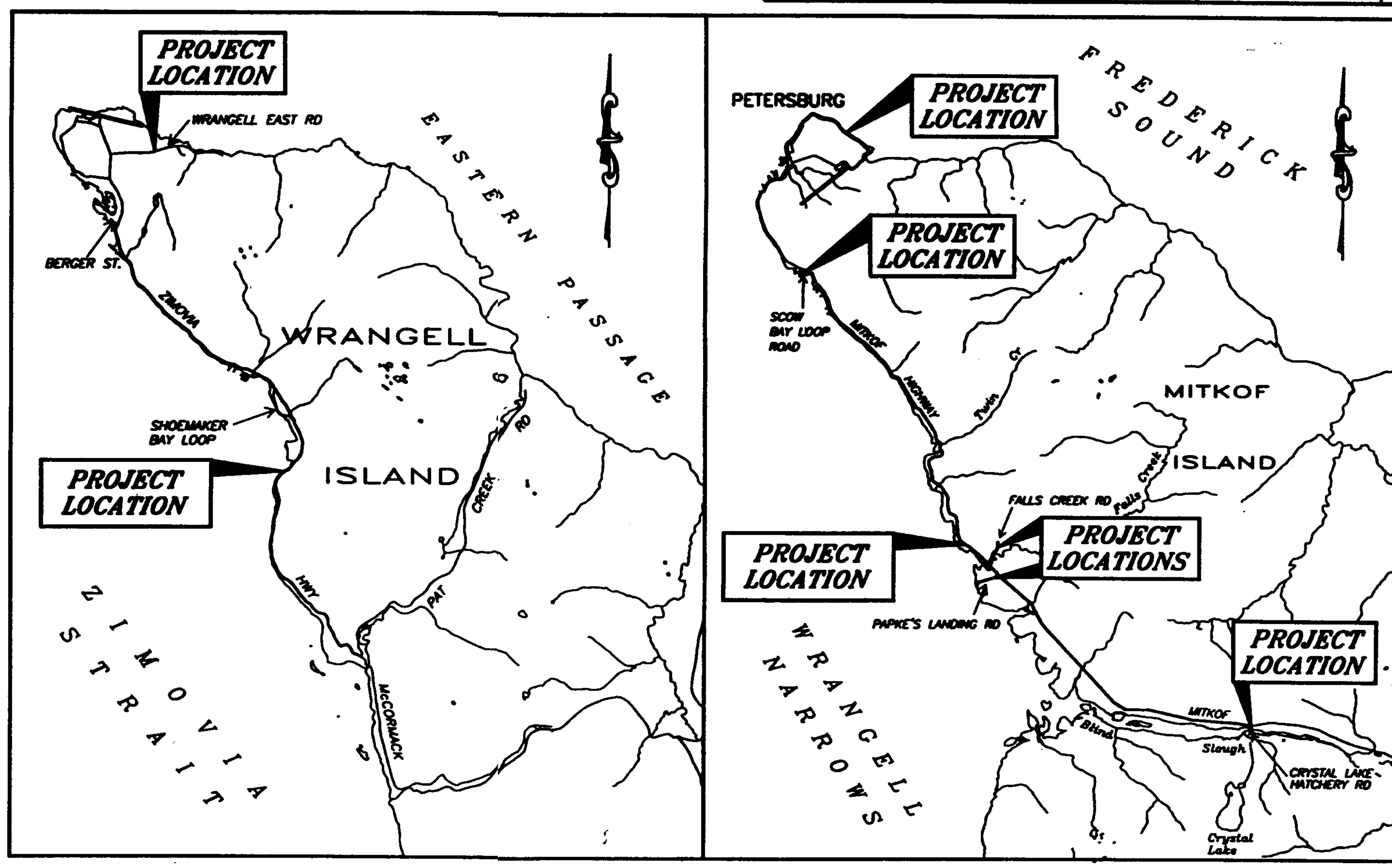


VICINITY MAP

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

APPROVED ____ Date 6/22/99
Regional Preconstruction Engineer

APPROVED ____ Date 6-22-99
Director, S.E. Region

PROJECT NUMBER:
STP-0003(63)(67789)
STP-000S(315)(67802)

DATE: JULY, 1999

SHEET 1 OF 2

ENGINEER'S SEAL
STATE OF ALASKA
GARY HAYDEN
CE-4648
REGISTERED PROFESSIONAL ENGINEER

GENERAL NOTES

1. HORIZONTAL AND VERTICAL CONTROL IS BASED ON THE EXISTING CENTERLINE AND EXISTING FINISHED SURFACE.
2. CENTERLINE AND GRADE ARE SUBJECT TO MINOR REVISIONS.
3. ALL WASTE SHALL BE HAULED TO AN APPROVED WASTE SITE.
4. DITCHING AND SIGN LOCATION ARE SUBJECT TO MINOR REVISIONS.
5. IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
6. ALL CONSTRUCTION SHALL BE WITHIN THE EXISTING RIGHT OF WAY.
7. THE LOCATIONS OF THE EXISTING TOPOGRAPHY, UTILITIES, BUILDINGS, ETC. AS SHOWN ON THESE PLANS ARE APPROXIMATE ONLY AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES.

ESTIMATE OF QUANTITIES

ITEM NO.	ITEM	UNIT	S.E. ROAD SURFACE TREATMENTS					S.E. ROAD SURFACE SUMMARY	NON N.H.S. REHAB.			NON N.H.S. SUMMARY	TOTAL QUANTITY	
			3	4	5	6	7		3	4	5			
307(3)	Modified Emulsified Asphalt Treated Base CO5	L.S						All Req'd.					All Req'd.	
120 (1)	DBE ADJUSTMENT	C.S.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	
203 (13)	DITCH EXCAVATION	L.S.	– ✓	–	–	–	–	ALL REQ'D.	–	–	–	–	ALL REQ'D.	
405(1A)	CRS-2P Asphalt Surface Treatment CO3	Megagram	✓		NF	Dig'd			–	–	–	–	939.61	
303 (2)	RECONDITIONING	STATION	.447	–	~~.850~~	~~285~~	2.927	4.492	–	–	1.106	1.106	~~5.598~~	4.553
307 (1)	EMULSIFIED ASPHALT TREATED BASE	MEGAGRAM	–	316	–	–	–	316	–	–	–	–	~~316~~ 0	
307 (2)	EMULSIFIED ASPHALT, TYPE CSS-1	MEGAGRAM	–	7.2	–	–	–	7.2	–	–	–	–	~~7.2~~ 0	
403 (2)	CSS-1 EMULSIFIED ASPHALT FOR PRIME COAT	MEGAGRAM	1.8	–	–	0.8	4.5	7.1	–	–	4.7	4.7	~~11.8~~	7.25
405 (1)	CRS-2 ASPHALT FOR SURFACE TREATMENT	MEGAGRAM	16.9	5.9	28.1	8.7	107	166.6	200	310	116	626	~~792.6~~	38.18
405 (2A)	AGGREGATE FOR SURFACE TREATMENT, GRADING B.	MEGAGRAM	100	34	168	50	680	1,032	–	–	280	280	~~1,312~~	1,055.09
405 (2B) & (2C)	AGGREGATE FOR SURFACE TREATMENT, GRADING E & AGGREGATE FOR SURFACE TREATMENT, GRADING E, STATE FURNISHED	MEGAGRAM	59	18	91	27	363	558	1700	2,600	700	*5,000	~~*5,558~~	6,042.74
615 (1)	STANDARD SIGNS	SQ.METER	2.55	1.97	1.97	1.97	1.97	10.43	–	–	–	–	~~10.43~~	10.45
640 (1)	MOBILIZATION AND DEMOBILIZATION	L.S.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	
641 (1)	EROSION AND POLLUTION CONTROL ADMINISTRATION	L.S.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	
641 (2)	EROSION AND POLLUTION CONTROL	C.S.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	
641 (3)	STRAW BALE	EACH	–	–	–	–	–	10	–	–	–	10	~~20~~ 0	
641 (4)	TEMPORAY CHECK DAM	EACH	–	–	–	–	–	2	–	–	–	2	~~4~~ 0	
643 (29)	TRAFFIC CONTROL DEVICES	L.S.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	
670 (1)	PAINTED TRAFFIC MARKINGS	L.S.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	
405(5)	Pave City Streets SA1	L.S.						All Req'd.					All Req'd.	
405(10)	Aast Plant Dock Road & Parking CO1	L.S.						All Req'd.					All Req'd.	
405(20)	Repairs in Roadway Extra Work CO4	L.S.						All Req'd.					All Req'd.	
405(25)	Contaminated Stockpile Impacts CO4	L.S.						All Req'd					All Req'd.	
643(16)	Pilot Car CO4	Hour						—					89.50	
670(1A)	Do Not Cover / Protect Recessed Pavement Markers CO3	L.S.						All Req'd.					All Req'd.	

*TOTAL QUANTITY OF E-CHIPS INCLUDES 1995 MEGAGRAMS OF STATE FURNISHED MATERIAL TO BE PAID FOR UNDER BID ITEM 405(2C). STATE FURNISHED E-CHIPS SHALL ONLY BE USED ON PROJECT No. 67802, NON-N.H.S. PAVEMENT REHABILITATION.

NOTE: DO NOT SCALE FROM THESE PLANS-USE DIMENSIONS

PATH: Q:\SEA\67789\RE\EST-03
PLOT: P:\-LIB\-PLOT\PLOTF.PCP(1) OR PLOTH.PCP(2)

BY:	DATE:	DESCRIPTION OF CHANGE:

RECORD OF REVISIONS

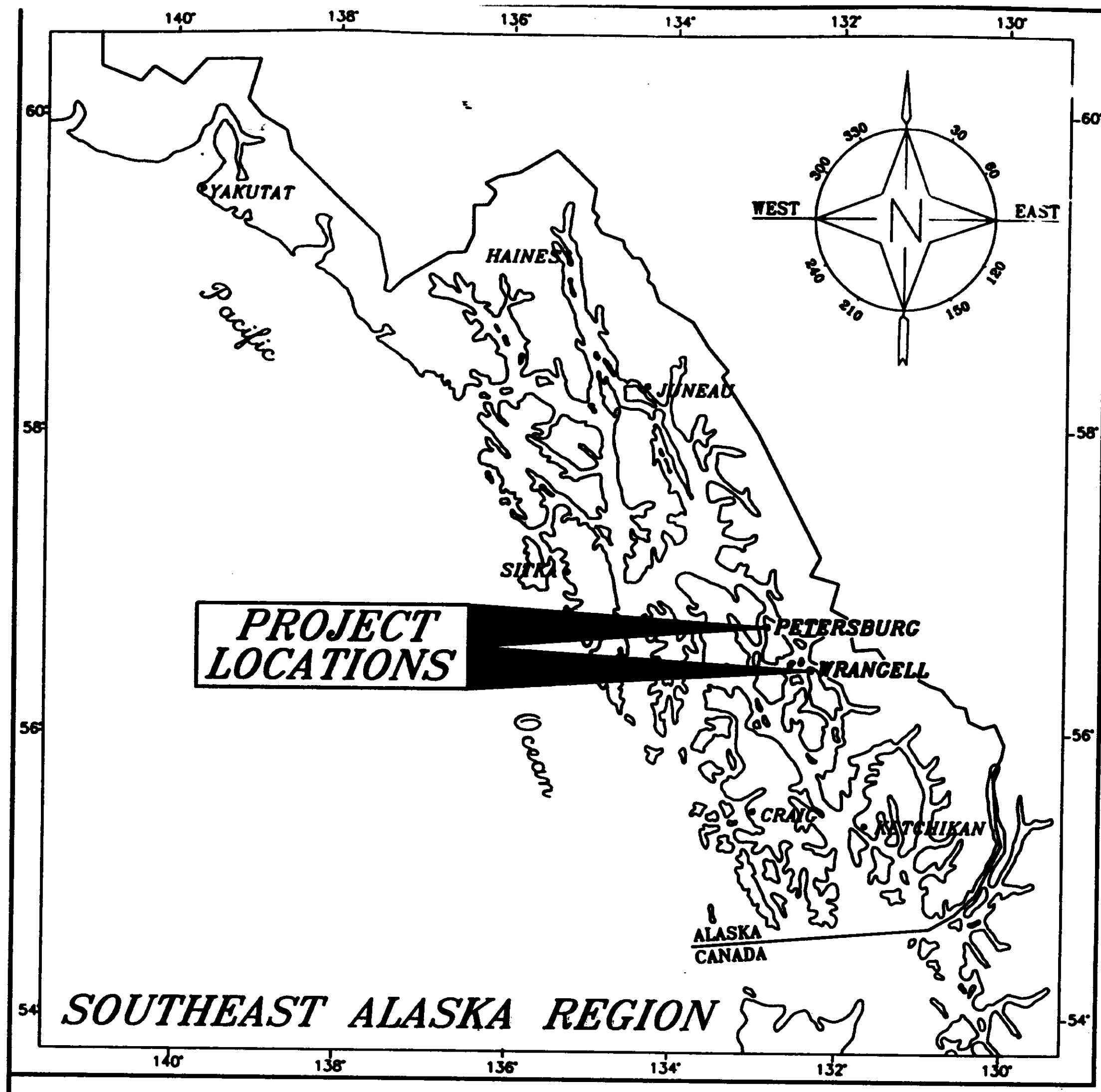
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION DESIGN & CONSTRUCTION

JUNEAU — SOUTHEAST ROAD SURFACE TREATMENTS 1999/2000 — ALASKA
STP-0003(63) ~ PROJECT NO. 67789
&
NON-N.H.S. PAVEMENT REHABILITATION
STP-000S(315) ~ PROJECT NO. 67802
ESTIMATE OF QUANTITIES

DESIGNED BY: P. JONES
DRAWN BY: D. STEVENS
CHECKED BY: M. COFFEY

PROJECT NO. 67789 & 67802
DATE: 1999
SHEET 2 OF 2

STATE OF ALASKA 49th GARY HAYDEN CE-4648 REGISTERED PROFESSIONAL ENGINEER



SOUTHEAST ALASKA REGION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

JUNEAU, ALASKA

SOUTHEAST ROAD SURFACE TREATMENTS 1999/2000

PROJECT NO. STP-0003(63) (67789)

INDEX OF SHEETS

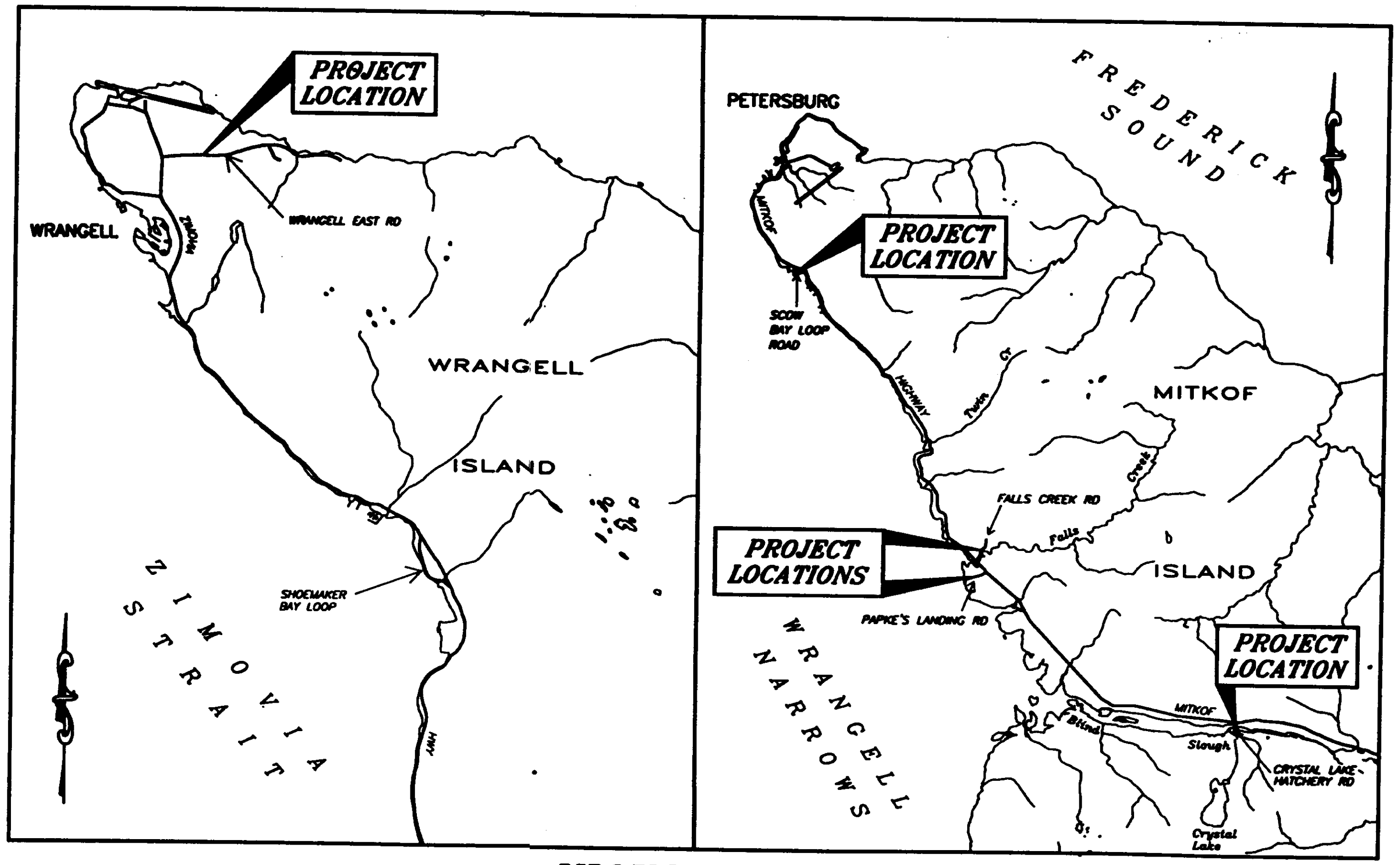
THE FOLLOWING STANDARD DRAWINGS APPLY TO THIS PROJECT:
A-1M, C-01.03M, C-02.01M, C-03.01M, S-00.00M, S-05.00M, S-30.01M, T-20.00M, T-21.02M.

DESIGN DESIGNATION

	WRANGELL EAST ROAD	SCOW BAY LOOP	FALLS CREEK ROAD	PAPKE'S LANDING ROAD	CRYSTAL LAKE HATCHERY ROAD
ADT 1999	180	140	230	130	130
ADT 2004	190	150	240	140	140
DHV	20	20	30	20	20
V	65 KPH	40 KPH	30 KPH	40 KPH	30 KPH

PROJECT SUMMARY

	LENGTH OF SURFACE TREATMENT	WIDTH OF SURFACE TREATMENT
① SCOW BAY LOOP ROAD	447 METERS	6.6 METERS
② FALLS CREEK ROAD	162 METERS	6.0 METERS
③ PAPKE'S LANDING ROAD	830 METERS	5.4 METERS
④ CRYSTAL LAKE HATCHERY ROAD	323 METERS	VARIES 3 TO 5 METERS
⑤ WRANGELL EAST ROAD	2,927 METERS	7.3 METERS



VICINITY MAP

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

APPROVED
Regional Preconstruction Engineer ______ Date ______

APPROVED Gary L. Hayden
Director, S.E. Region Date 6-22-99

PROJECT NUMBER: STP-0003(63) (67789)

DATE: JULY, 1999

SHEET 1 OF 8

ENGINEER'S SEAL
STATE OF ALASKA
49th
GARY HAYDEN
CE-4648
REGISTERED PROFESSIONAL ENGINEER

Q:\SEA\67789\RE\TSHT <1=1>

GENERAL NOTES

1. HORIZONTAL AND VERTICAL CONTROL IS BASED ON THE EXISTING CENTERLINE AND EXISTING FINISHED SURFACE. THE STATIONING SHOWN ON THE PLANS IS FOR INFORMATIONAL PURPOSES ONLY AND SUBJECT TO CHANGE.
2. CENTERLINE AND GRADE ARE SUBJECT TO MINOR REVISIONS.
3. ALL WASTE SHALL BE HAULED TO AN APPROVED WASTE SITE.
4. DITCHING AND SIGN LOCATION ARE SUBJECT TO MINOR REVISIONS.
5. IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
6. ALL CONSTRUCTION SHALL BE WITHIN THE EXISTING RIGHT OF WAY.
7. AGGREGATE FOR THE EMULSIFIED ASPHALT TREATED BASE SHALL BE CRUSHED AGGREGATE BASE COURSE (D-1).
8. THE LIMITS OF THE SURFACE TREATMENT, PRIME COAT & RECONDITIONING MAY BE ADJUSTED BY THE ENGINEER.

BASIS OF ESTIMATE

ITEM NO.	ITEM	QUANTITY
307 (1)	EMULSIFIED ASPHALT TREATED BASE	1.16 KILOGRAMS PER CUBIC METER
307 (2)	EMULSIFIED ASPHALT, TYPE CSS-1	6.8 LITERS PER SQUARE METER- 1013.9 LITERS PER MEGAGRAMS
403 (2)	CSS-1 EMULSIFIED ASPHALT FOR PRIME COAT	0.45 LITERS PER SQUARE METER- 1013.9 LITERS PER MEGAGRAMS
405 (1)	CRS-2 EMULSIFIED ASPHALT FOR SURFACE TREATMENT (FIRST APPLICATION)	2.3 LITERS PER SQUARE METER- 1013.9 LITERS PER MEGAGRAMS
405 (1)	CRS-2 ASPHALT FOR SURFACE TREATMENT (SECOND APPLICATION)	2.7 LITERS PER SQUARE METER- 1013.9 LITERS PER MEGAGRAMS
405 (2A)	AGGREGATE FOR SURFACE TREATMENT, GRADING B	30 KILOGRAMS PER SQUARE METER
405 (2B)	AGGREGATE FOR SURFACE TREATMENT, GRADING E	16 KILOGRAMS PER SQUARE METER

ESTIMATE OF QUANTITIES

ITEM NO.	ITEM	SHEET NUMBERS					UNIT	QUANTITY
		3	4	5	6	7		
120 (1)	DBE ADJUSTMENT	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	C.S.	ALL REQ'D.
203 (13)	DITCH EXCAVATION	–	–	–	–	–	L.S.	ALL REQ'D.
303 (2)	RECONDITIONING	.447	–	.830	.288	2.927	STATION	4.492
307 (1)	EMULSIFIED ASPHALT TREATED BASE	–	316	–	–	–	MEGAGRAM	316
307 (2)	EMULSIFIED ASPHALT, TYPE CSS-1	–	7.2	–	–	–	MEGAGRAM	7.2
403 (2)	CSS-1 EMULSIFIED ASPHALT FOR PRIME COAT	1.8	–	–	0.8	4.5	MEGAGRAM	7.1
405 (1)	CRS-2 ASPHALT FOR SURFACE TREATMENT	16.9	5.9	28.1	8.7	107	MEGAGRAM	166.6
405 (2A)	AGGREGATE FOR SURFACE TREATMENT, GRADING B	100	34	168	50	680	MEGAGRAM	1,032
405 (2B)	AGGREGATE FOR SURFACE TREATMENT, GRADING E	59	18	91	27	363	MEGAGRAM	558
615 (1)	STANDARD SIGNS	2.55	1.97	1.97	1.97	1.97	SQ.METER	10.43
640 (1)	MOBILIZATION AND DEMOBILIZATION	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	L.S.	ALL REQ'D.
641 (1)	EROSION AND POLLUTION CONTROL ADMINISTRATION	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	L.S.	ALL REQ'D.
641 (2)	EROSION AND POLLUTION CONTROL	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	C.S.	ALL REQ'D.
641 (3)	STRAW BALE	–	–	–	–	–	EACH	10
641 (4)	TEMPORARY CHECK DAM	–	–	–	–	–	EACH	2
643 (29)	TRAFFIC CONTROL DEVICES	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	L.S.	ALL REQ'D.
670 (1)	PAINTED TRAFFIC MARKINGS	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	L.S.	ALL REQ'D.

NOTE: DO NOT SCALE FROM THESE PLANS-USE DIMENSIONS

PATH: Q:\SEA\67789\RE\EST-0
PLOT: P:\-LIB\-PLOT\PLOTF.PCP(1) OR PLOTH.PCP(2)

BY:	DATE:	DESCRIPTION OF CHANGE:

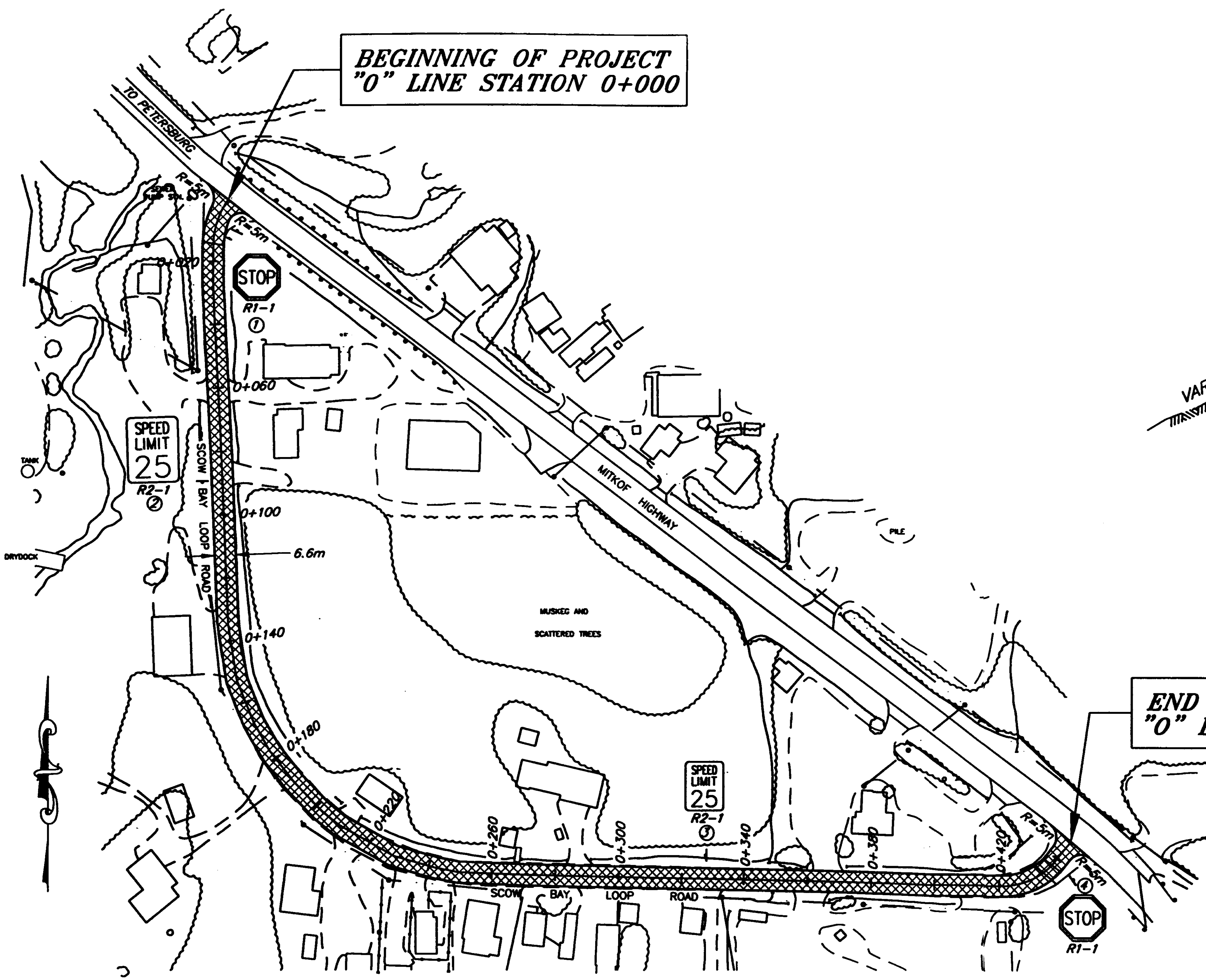
RECORD OF REVISIONS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION DESIGN & CONSTRUCTION

JUNEAU ALASKA
SOUTHEAST ROAD SURFACE TREATMENTS
STP-0003(63) ~ PROJECT NO. 67789
ESTIMATE OF QUANTITIES

DESIGNED BY: P.JONES
DRAWN BY: D. STEVENS
CHECKED BY: M. COFFEY
PROJECT NO. 67789
DATE: 1999
SHEET 2 OF 8

STATE OF ALASKA 49th GARY HAYDEN CE-4648 REGISTERED PROFESSIONAL ENGINEER



PLAN VIEW

SCALE IN METERS

0 25 50 100

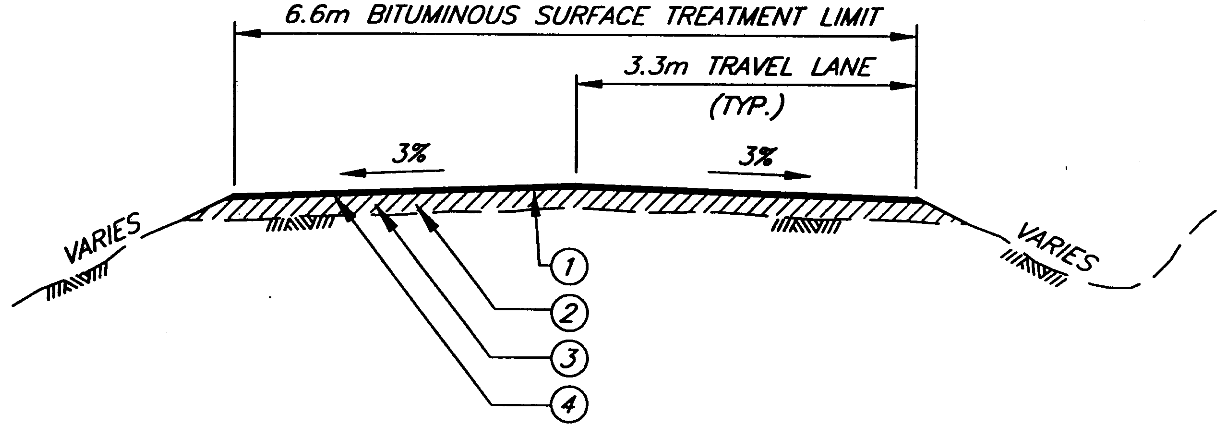
LEGEND

① B&E CHIP BITUMINOUS SURFACE TREATMENT (2 SHOT CRS-2 APPLICATION)

② RECONDITIONING (100mm DEPTH)

③ EXISTING R.A.P. SURFACING

④ CSS-1 LIQUID ASPHALT FOR PRIME COAT



SCOW BAY LOOP ROAD

"O" LINE STATION B.O.P. 0+000 TO "O" LINE STATION E.O.P. 0+447

ESTIMATE OF QUANTITIES

ITEM NO.	PAY ITEM	UNIT	QUANTITY
303 (2)	RECONDITIONING	STATION	.447
403 (2)	CSS-1 EMULSIFIED ASPHALT FOR PRIME COAT	MEGAGRAM	1.8
405 (1)	CRS-2 ASPHALT FOR SURFACE TREATMENT	MEGAGRAM	16.9
405 (2A)	AGGREGATE FOR SURFACE TREATMENT, GRADING B	MEGAGRAM	100
405 (2B)	AGGREGATE FOR SURFACE TREATMENT, GRADING E	MEGAGRAM	59
615 (1)	STANDARD SIGNS	SQUARE METER	2.55
670 (1)	PAINTED TRAFFIC MARKINGS	LUMP SUM	ALL REQUIRED

PAINT 100mm DOUBLE YELLOW CENTERLINE AS SHOWN ON SHEET 8 OF 8.

NOTE: DO NOT SCALE FROM THESE PLANS-USE DIMENSIONS

PATH: Q: \SEA\67789\RE\SCOWBAY1	
PLOT: P: \-LIB\-PLOT\PLOTF.PCP(1) OR PLOTH.PCP(40.5)	
BY:	DATE:	DESCRIPTION OF CHANGE:

RECORD OF REVISIONS

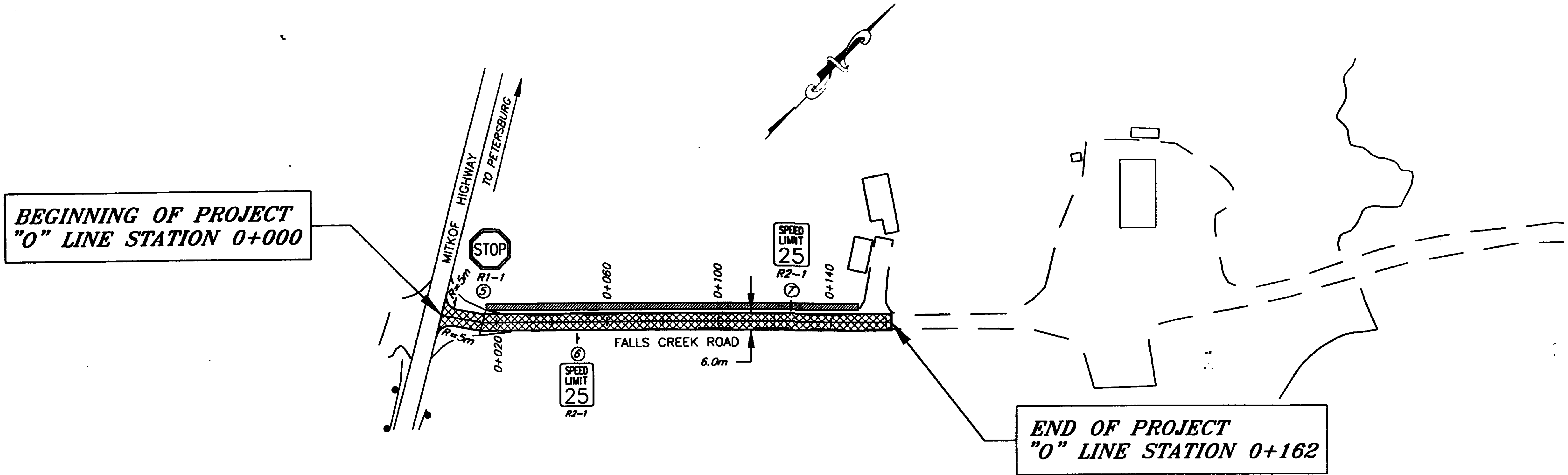
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION DESIGN & CONSTRUCTION

JUNEAU — ALASKA

SOUTHEAST ROAD SURFACE TREATMENTS 1999/2000
STP-0003(63)~PROJECT NO. 67789
SCOW BAY LOOP ROAD

DESIGNED BY: P. JONES	PROJECT NO. 67789
DRAWN BY: D. STEVENS	DATE: 1999
CHECKED BY: M. COFFEY	SHEET 3 OF 8

STATE OF ALASKA — 49th — GARY HAYDEN CE 4648 — REGISTERED PROFESSIONAL ENGINEER



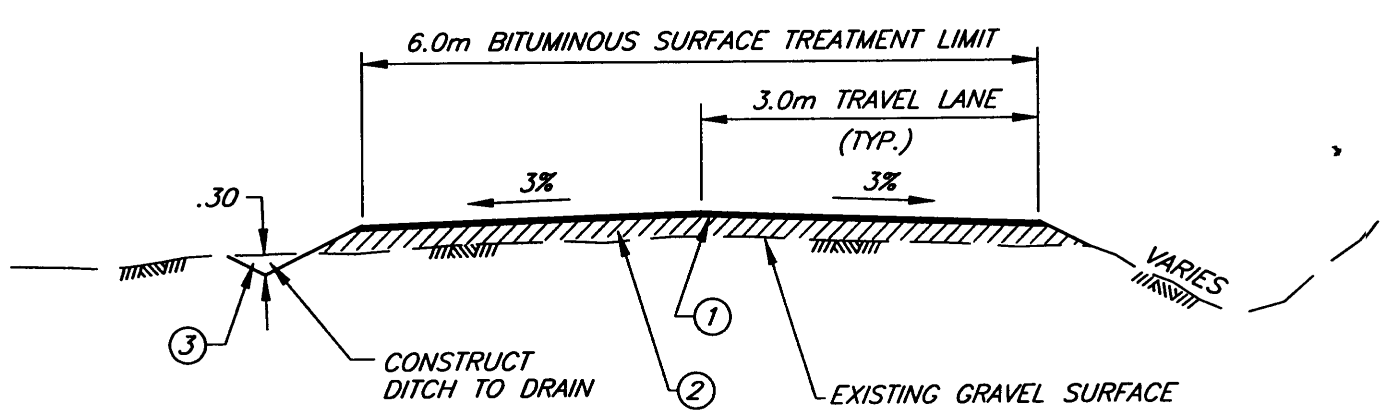
LEGEND

- (1) B&E CHIP BITUMINOUS SURFACE TREATMENT (2 SHOT CRS-2 APPLICATION)
- (2) 150mm EMULSIFIED ASPHALT TREATED BASE
- (3) DITCH EXCAVATION

PLAN VIEW

SCALE IN METERS

0 25 50 100



FALLS CREEK ROAD

"O" LINE STATION B.O.P. 0+000 TO "O" LINE STATION E.O.P. 0+162

ESTIMATE OF QUANTITIES

ITEM NO.	PAY ITEM	UNIT	QUANTITY
203 (13)	DITCH EXCAVATION	LUMP SUM	ALL REQ'D.
307 (1)	EMULSIFIED ASPHALT TREATED BASE	MEGAGRAM	316
307 (2)	EMULSIFIED ASPHALT, TYPE CSS-1	MEGAGRAM	7.2
405 (1)	CRS-2 ASPHALT FOR SURFACE TREATMENT	MEGAGRAM	5.9
405 (2A)	AGGREGATE FOR SURFACE TREATMENT, GRADING B	MEGAGRAM	34
405 (2B)	AGGREGATE FOR SURFACE TREATMENT, GRADING E	MEGAGRAM	18
615 (1)	STANDARD SIGNS	SQUARE METER	1.97
670 (1)	PAINTED TRAFFIC MARKINGS	LUMP SUM	ALL REQ'D.

PAINT 100mm DOUBLE YELLOW CENTERLINE AS SHOWN ON SHEET 8 OF 8.

NOTE: DO NOT SCALE FROM THESE PLANS-USE DIMENSIONS

PATH:	Q: \SEA\67789\RE\FALLS-CK	
PLOT:	P: \-LIB\-PLOT\PLOTF.PCP(1) OR PLOTH.PCP(40.5)	
BY:	DATE:	DESCRIPTION OF CHANGE:

RECORD OF REVISIONS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION DESIGN & CONSTRUCTION

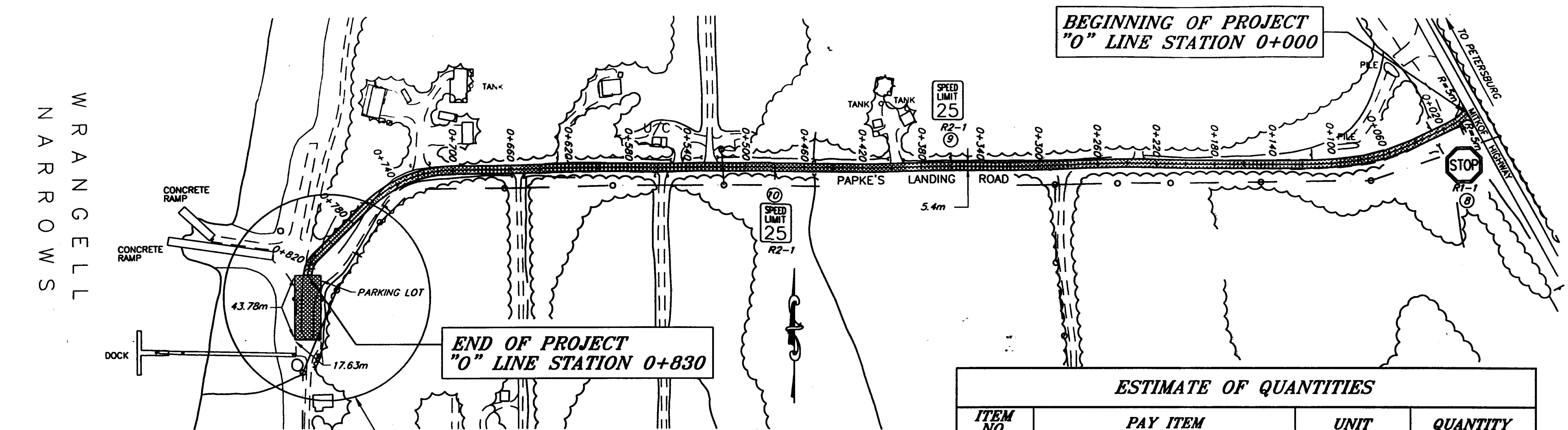
JUNEAU

SOUTHEAST ROAD SURFACE TREATMENTS 1999/2000
STP-0003(63)~PROJECT NO. 67789
FALLS CREEK ROAD

ALASKA

DESIGNED BY: M. COFFEY	PROJECT NO. 67789
DRAWN BY: D. STEVENS	DATE: 1999
CHECKED BY: M. COFFEY	SHEET 4 OF 8

STATE OF ALASKA
CURT HAYDEN
CE-4648
REGISTERED PROFESSIONAL ENGINEER



PLAN VIEW

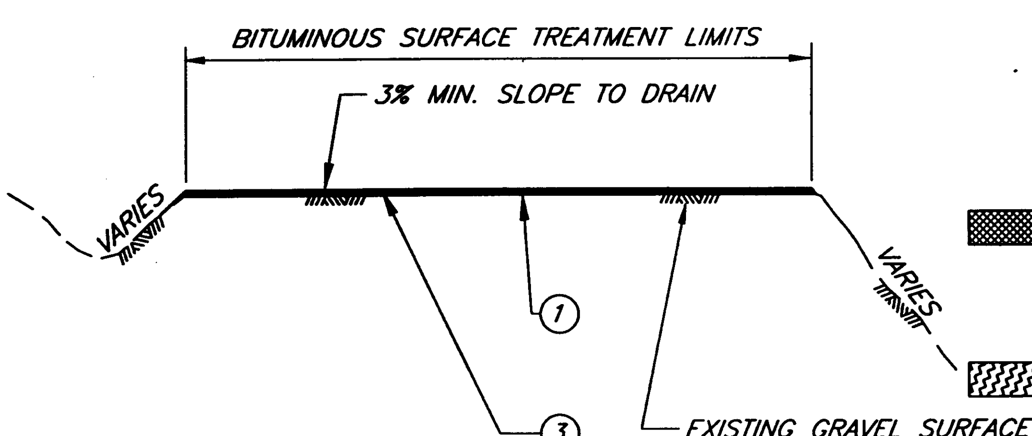
SCALE IN METERS

0 25 50 100

ESTIMATE OF QUANTITIES

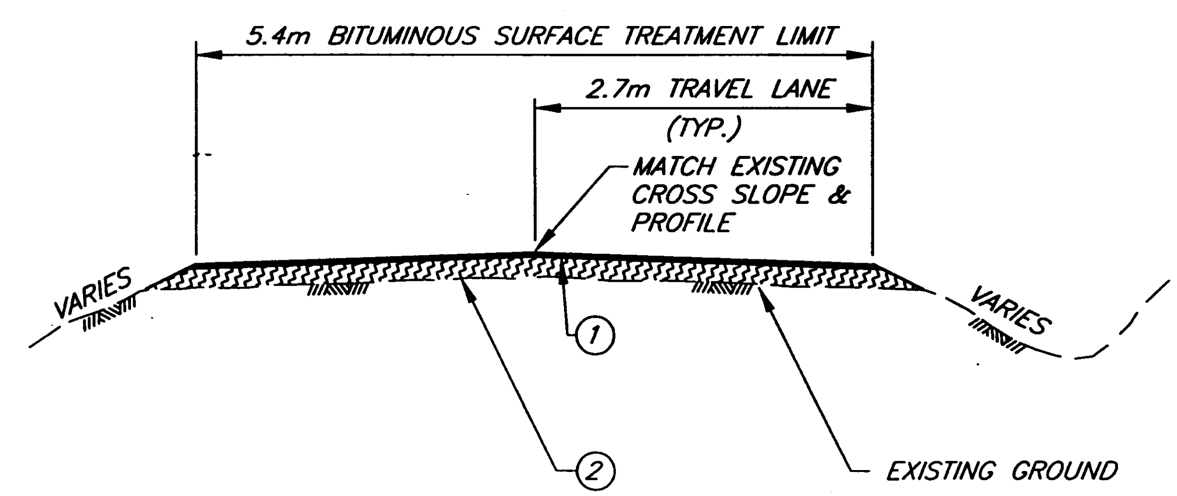
ITEM NO.	PAY ITEM	UNIT	QUANTITY
303 (2)	RECONDITIONING	STATION	.830
405 (1)	CRS-2 ASPHALT FOR SURFACE TREATMENT	MEGAGRAM	28.1
405 (2A)	AGGREGATE FOR SURFACE TREATMENT, GRADING B	MEGAGRAM	168
405 (2B)	AGGREGATE FOR SURFACE TREATMENT, GRADING E	MEGAGRAM	91
615 (1)	STANDARD SIGNS	SQUARE METER	1.97
670 (1)	PAINTED TRAFFIC MARKINGS	LUMP SUM	ALL REQ'D.

PAINT 100mm DOUBLE YELLOW CENTERLINE AS SHOWN ON SHEET 8 OF 8.



LEGEND

1. B&E CHIP BITUMINOUS SURFACE TREATMENT (2 SHOT CRS-2 APPLICATION)
2. EXISTING R.A.P. SURFACING (TO REMAIN)
3. RECONDITIONING (100mm DEPTH)



PAPKE'S LANDING PARKING LOT

ESTIMATED PARKING LOT DIMENSION=43.8mx17.6m, THE EXACT DIMENSIONS SHALL BE DETERMINED BY THE ENGINEER.

PAPKE'S LANDING ROAD

"O" LINE STATION B.O.P. 0+00 TO "O" LINE STATION E.O.P. 0+830

NOTE: DO NOT SCALE FROM THESE PLANS-USE DIMENSIONS

PATH: Q:\SEA\67789\RE\PAPKES

PLOT: P:\-LIB\-PLOT\PLOTF.PCP(1) OR PLOTH.PCP(68.5)

BY:	DATE:	DESCRIPTION OF CHANGE:

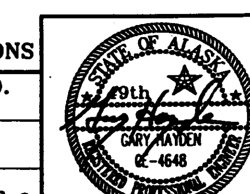
RECORD OF REVISIONS

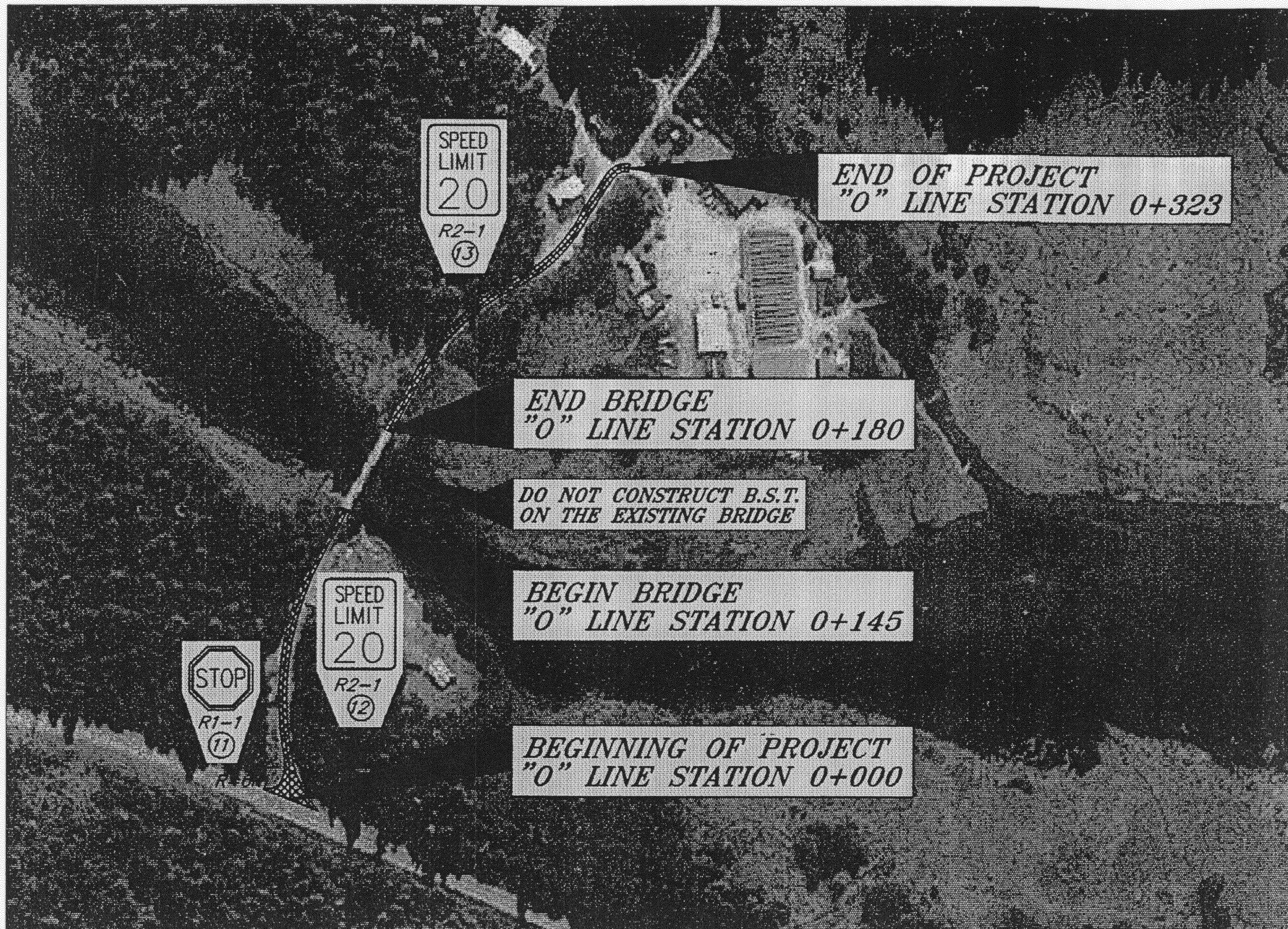
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION DESIGN & CONSTRUCTION

JUNEAU ALASKA

SOUTHEAST ROAD SURFACE TREATMENTS 1999/2000
STP-0003(63) ~ PROJECT NO. 67789
PAPKE'S LANDING ROAD

DESIGNED BY: P. JONES	PROJECT NO. 67789
DRAWN BY: D. STEVENS	DATE: 1999
CHECKED BY: M. COFFEY	SHEET 5 OF 8





PLAN VIEW

N.T.S.

ESTIMATE OF QUANTITIES

ITEM NO.	PAY ITEM	UNIT	QUANTITY
303 (2)	RECONDITIONING	STATION	.288
403 (2)	CSS-1 EMULSIFIED ASPHALT FOR PRIME COAT	MEGAGRAM	0.8
405 (1)	CRS-2 ASPHALT FOR SURFACE TREATMENT	MEGAGRAM	8.7
405 (2A)	AGGREGATE FOR SURFACE TREATMENT, GRADING B	MEGAGRAM	50
405 (2B)	AGGREGATE FOR SURFACE TREATMENT, GRADING E	MEGAGRAM	27
615 (1)	STANDARD SIGNS	SQUARE METER	1.97
670 (1)	PAINTED TRAFFIC MARKINGS	LUMP SUM	ALL REQ'D.

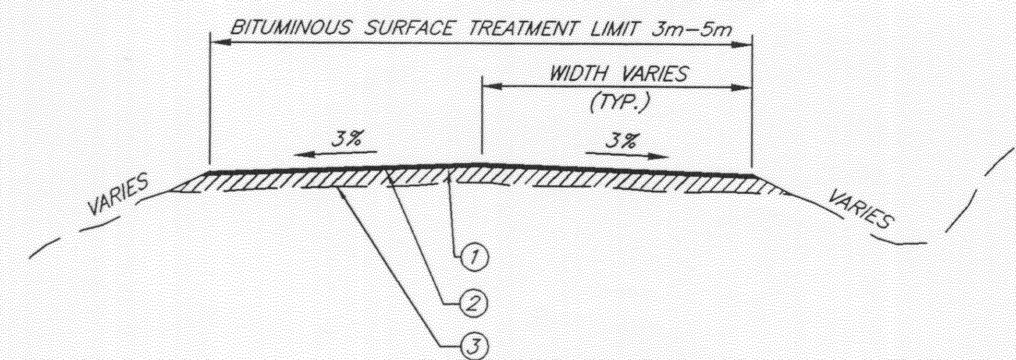
PAINT 100mm DOUBLE YELLOW CENTERLINE AS SHOWN ON SHEET 8 OF 8.

LEGEND

① B&E CHIP BITUMINOUS SURFACE TREATMENT (2 SHOT CRS-2 APPLICATION)

② CSS-1 EMULSIFIED ASPHALT FOR PRIME COAT

③ RECONDITIONING (100mm DEPTH)



CRYSTAL LAKE HATCHERY ROAD

"O" LINE STATION B.O.P. 0+000 TO "O" LINE STATION 0+145 BEGIN BRIDGE
"O" LINE STATION 0+180 END BRIDGE TO "O" LINE STATION 0+323 E.O.P.

NOTE: DO NOT SCALE FROM THESE PLANS-USE DIMENSIONS

PATH: Q:\SEA\67789\RE\C-LAKE
PLOT: P:\-LIB\-PLOT\PLOTF.PCP(1) OR PLOTH.PCP(2)

BY:	DATE:	DESCRIPTION OF CHANGE:

RECORD OF REVISIONS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION DESIGN & CONSTRUCTION

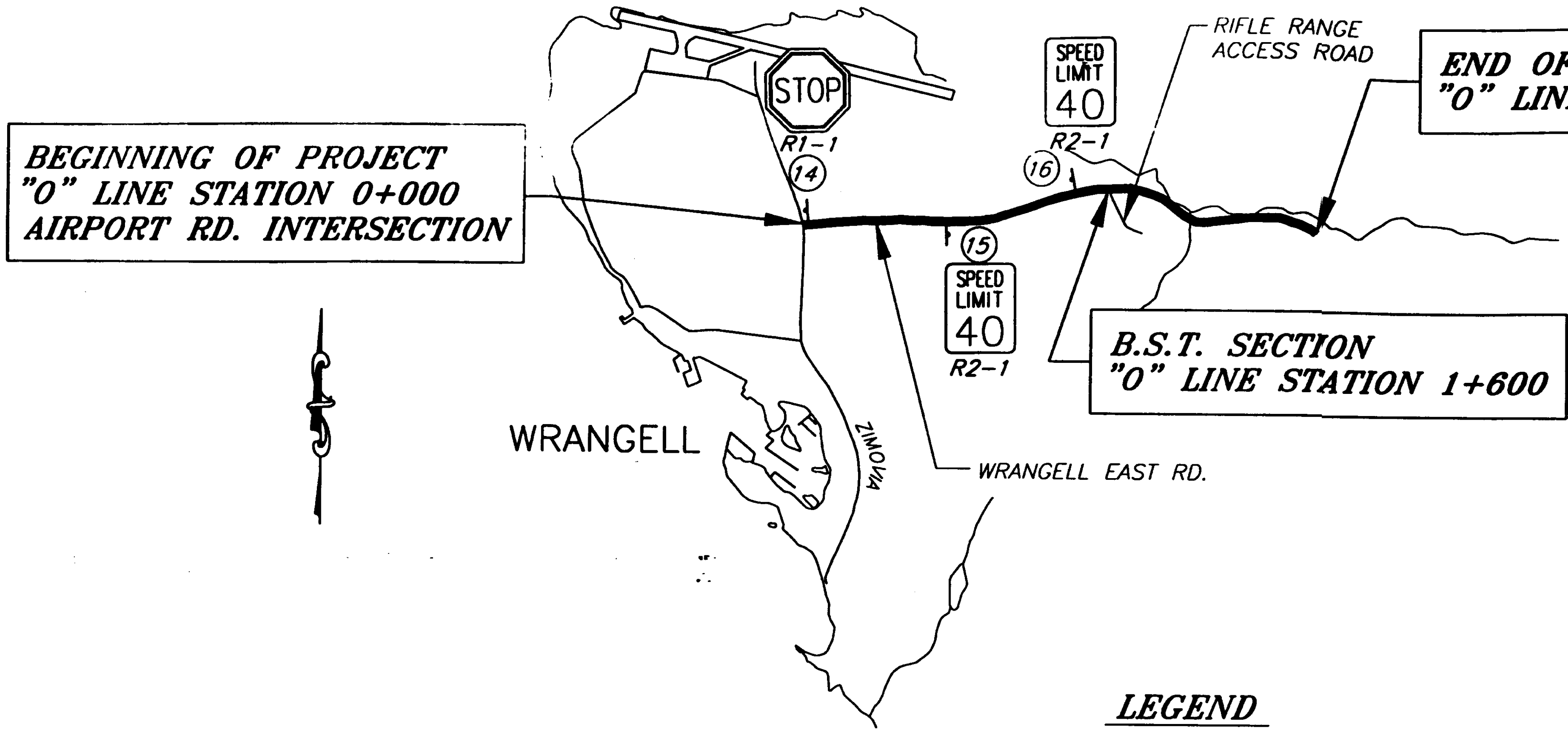
JUNEAU — ALASKA

SOUTHEAST ROAD
SURFACE TREATMENTS 1999/2000
STP-0003(63) ~PROJECT NO. 67789
CRYSTAL LAKE HATCHERY ROAD

DESIGNED BY: M. COFFEY
DRAWN BY: D. STEVENS
CHECKED BY: M. COFFEY

PROJECT NO. 67789
DATE: 1999
SHEET 6 OF 8

STATE OF ALASKA 49th GARY HAYDEN CE-4648 REGISTERED PROFESSIONAL ENGINEER



ESTIMATE OF QUANTITIES

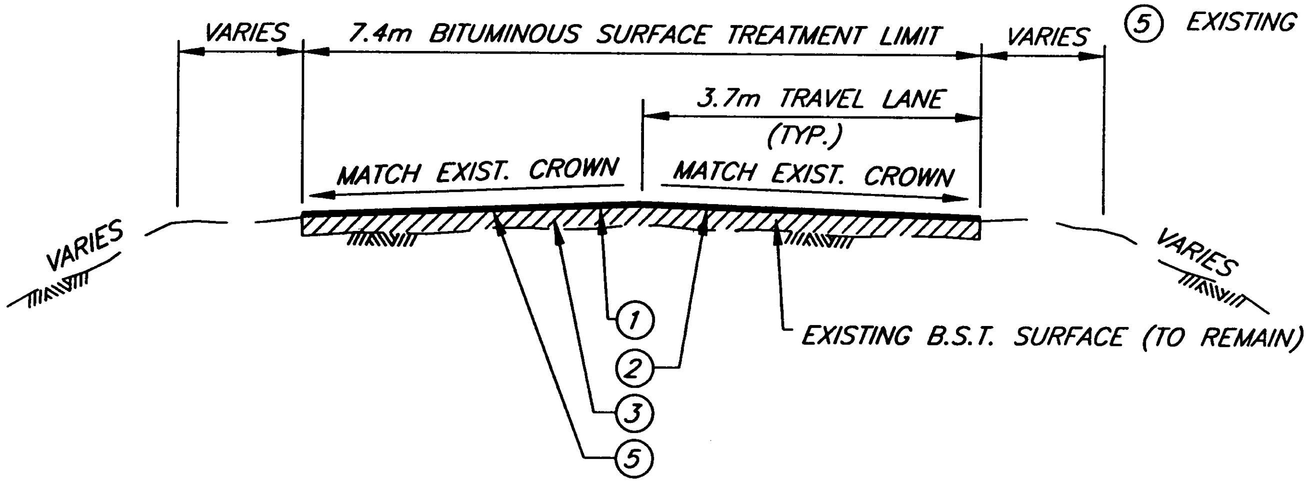
ITEM NO.	PAY ITEM	UNIT	QUANTITY
303 (2)	RECONDITIONING	STATION	2.927
403 (2)	CSS-1 EMULSIFIED ASPHALT FOR PRIME COAT	MEGAGRAM	4.5
405 (1)	CRS-2 ASPHALT FOR SURFACE TREATMENT	MEGAGRAM	107
405 (2A)	AGGREGATE FOR SURFACE TREATMENT, GRADING B	MEGAGRAM	680
405 (2B)	AGGREGATE FOR SURFACE TREATMENT, GRADING E	MEGAGRAM	363
615 (1)	STANDARD SIGNS	SQUARE METER	1.97
670 (1)	PAINTED TRAFFIC MARKINGS	LUMP SUM	ALL REQUIRED

PAINT 100mm DOUBLE YELLOW CENTERLINE AS SHOWN ON SHEET 8 OF 8.

PLAN VIEW

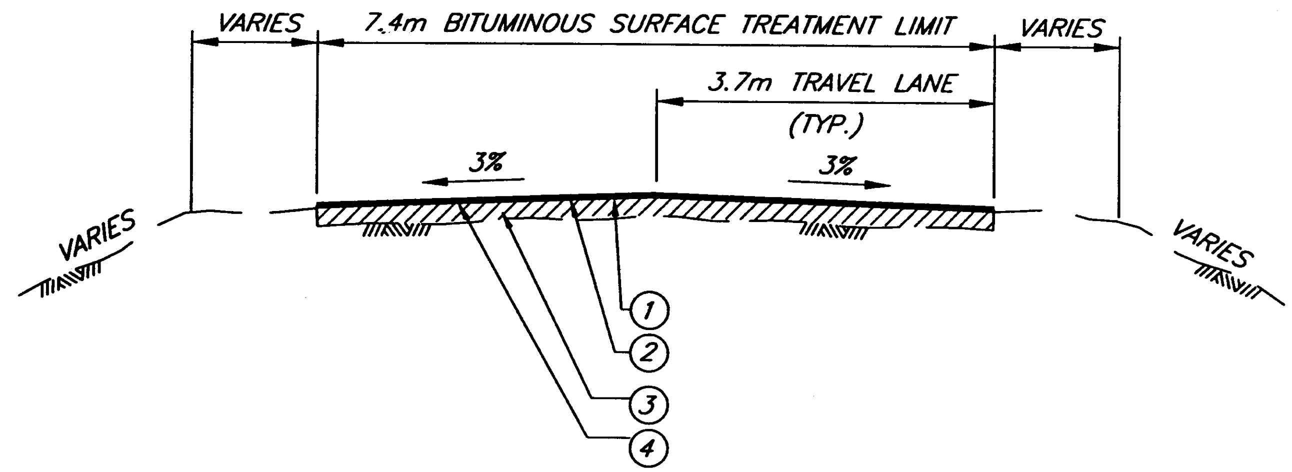
LEGEND

1. B&E CHIP BITUMINOUS SURFACE TREATMENT (2 SHOT CRS-2 APPLICATION)
2. CSS-1 EMULSIFIED ASPHALT FOR PRIME COAT
3. RECONDITIONING (100mm DEPTH)
4. EXISTING GRAVEL SURFACE
5. EXISTING B.S.T.



EXISTING B.S.T. SECTION

"O" LINE STATION B.O.P. 0+000 TO "O" LINE STATION E.O.P. 1+600



EXISTING GRAVEL SECTION

"O" LINE STATION 1+600 TO "O" LINE STATION E.O.P. 2+927

NOTE: DO NOT SCALE FROM THESE PLANS-USE DIMENSIONS

PATH: Q:\SEA\67789\RE\EAST		
PLOT: P:\-LIB\-PLOT\PLOTF.PCP(1) OR PLOTH.PCP(40.5)		
BY:	DATE:	DESCRIPTION OF CHANGE:

RECORD OF REVISIONS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION DESIGN & CONSTRUCTION

JUNEAU ALASKA

SOUTHEAST ROAD
SURFACE TREATMENTS 1999/2000
STP-0003(63)-PROJECT NO. 67789
WRANGELL EAST ROAD

DESIGNED BY: P. JONES	PROJECT NO. 67789
DRAWN BY: D. STEVENS	DATE: 1999
CHECKED BY: M. COFFEY	SHEET 7 OF 8

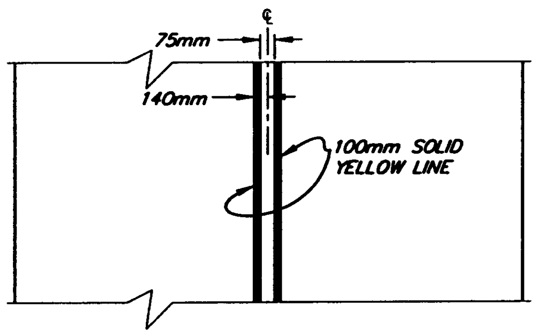
STATE OF ALASKA
49th
GARY HAYDEN
CE-4648
REGISTERED PROFESSIONAL ENGINEER

STANDARD SIGNING SCHEDULE

SIGN NO.	STATION	OFFSET		CODE NO. (ASDS)	LEGEND	SIZE	AREA SQ.METER	POST SIZE	EMBEDMENT TYPE	FACING TRAFFIC	REMARKS
		LT.	RT.								
1	"0" 0+009	X		R1-1	STOP	0.762X0.762	0.581			SB	SCOW BAY LOOP ROAD
2	"0" 0+089		X	R2-1	SPEED LIMIT 25 MPH.	0.762X0.914	0.696			NB	SCOW BAY LOOP ROAD
3	"0" 0+328	X		R2-1	SPEED LIMIT 25 MPH.	0.762X0.914	0.696			EB	SCOW BAY LOOP ROAD
4	"0" 0+438		X	R1-1	STOP	0.762X0.762	0.581			WB	SCOW BAY LOOP ROAD
5	"0" 0+004	X		R1-1	STOP	0.762X0.762	0.581			EB	FALLS CREEK ROAD
6	"0" 0+050		X	R2-1	SPEED LIMIT 20 MPH.	0.762X0.914	0.696			WB	FALLS CREEK ROAD
7	"0" 0+126	X		R2-1	SPEED LIMIT 20 MPH.	0.762X0.914	0.696			EB	FALLS CREEK ROAD
8	"0" 0+008	X		R1-1	STOP	0.762X0.762	0.581			WB	PAKES LANDING ROAD
9	"0" 0+361		X	R2-1	SPEED LIMIT 25 MPH.	0.762X0.914	0.696			EB	PAKES LANDING ROAD
10	"0" 0+480	X		R2-1	SPEED LIMIT 25 MPH.	0.762X0.914	0.696			WB	PAKES LANDING ROAD
11	"0" 0+008	X		R1-1	STOP	0.762X0.762	0.581			SB	CRYSTAL LAKE HATCHERY ROAD
12	"0" 0+045		X	R2-1	SPEED LIMIT 20 MPH.	0.762X0.914	0.696			NB	CRYSTAL LAKE HATCHERY ROAD
13	"0" 0+120	X		R2-1	SPEED LIMIT 20 MPH.	0.762X0.914	0.696			SB	CRYSTAL LAKE HATCHERY ROAD
14	"0" 0+010	X		R1-1	STOP	0.762X0.762	0.581			WB	WRANGELL EAST ROAD
15	"0" 1+350		X	R2-1	SPEED LIMIT 40 MPH.	0.762X0.914	0.696			EB	WRANGELL EAST ROAD
16	"0" 2+500	X		R2-1	SPEED LIMIT 40 MPH.	0.762X0.914	0.696			WB	WRANGELL EAST ROAD

TRAFFIC CONTROL NOTES

1. A SINGLE LANE CLOSURE UTILIZING THE YIELD SIGN (SEE DETAIL ON THIS SHEET) MAY BE USED WHEN:
   A. THE WORK ZONE IS LESS THAN 60 METERS LONG.
   B. APPROACHING TRAFFIC IS VISIBLE 150 METERS BEYOND THE OPPOSITE END OF THE WORK ZONE.
   C. CONSTRUCTION EQUIPMENT DOES NOT ENCROACH INTO THE ADJACENT (OPEN) LANE.
2. A SINGLE LANE CLOSURE UTILIZING A SINGLE FLAGGER (SEE DETAIL ON THIS SHEET) MAY BE USED WHEN:
   A. THE WORK ZONE IS LESS THAN 60 METERS LONG.
   B. TRAFFIC APPROACHING THE WORK ZONE FROM EITHER DIRECTION IS VISIBLE TO THE FLAGGER.
3. A SINGLE LANE CLOSURE UTILIZING TWO FLAGGERS (SEE DETAIL ON THIS SHEET) SHALL BE USED DURING THE PAVING OPERATION, WHEN THE STIPULATIONS OF NOTES 1 AND 2 ARE NOT MET OR WHEN DIRECTED BY THE ENGINEER.
4. THERE SHALL BE A MINIMUM OF 300 METERS SEPARATION BETWEEN WORK ZONES.
5. TWO TRAFFIC LANES SHALL BE MAINTAINED AT ALL TIMES IN NON-WORK AREAS DURING NON-WORKING HOURS.
6. TEMPORARY DRIVING LANES SHALL HAVE A MINIMUM WIDTH OF 3 METERS.
7. CONSTRUCTION SIGNING SHALL BE IN PLACE ONLY WHEN THE CONDITIONS FOR WHICH THOSE SIGNS ARE INTENDED EXIST.
8. IT IS THE INTENT OF THIS TRAFFIC CONTROL PLAN (T.C.P.) TO ILLUSTRATE SOME, BUT NOT ALL, OF THE TRAFFIC CONTROL CONFIGURATIONS WHICH WILL BE REQUIRED ON THIS PROJECT. TRAFFIC CONTROL PLANS FOR CONFIGURATIONS NOT COVERED BY THIS T.C.P. SHALL BE DEVELOPED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER FOR APPROVAL, PRIOR TO USE. CONTRACTOR DEVELOPED TRAFFIC CONTROL PLANS SHALL, WHERE APPROPRIATE, INCORPORATE APPLICABLE PORTIONS OF THE DETAILS GIVEN IN THIS T.C.P.



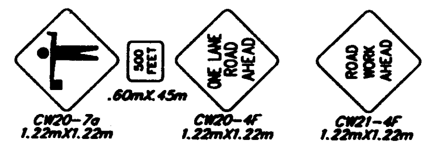
TYPICAL ROADWAY STRIPING DETAIL

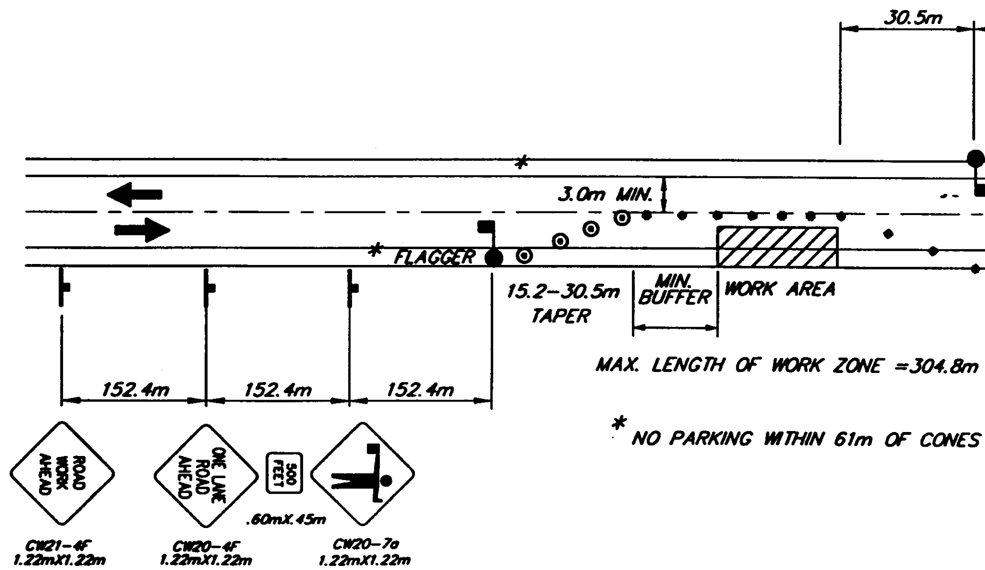
GENERAL SIGNING NOTES

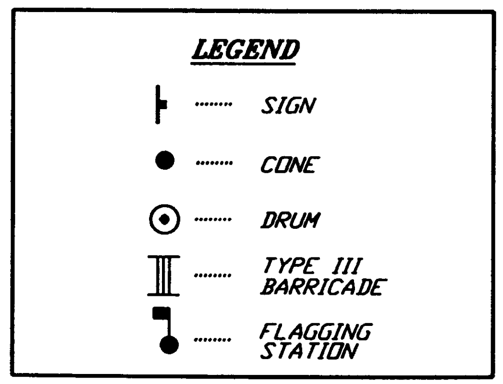
1. SIGN LOCATIONS ARE APPROXIMATE ONLY AND ARE SUBJECT TO MINOR REVISIONS.
2. SEE STD. DWG. S-30.01 FOR POST SLEEVE TYPE SOIL EMBEDMENT.
3. ALL SIGN POSTS SHALL BE TELESCOPING PERFORATED GALVANIZED SQUARE STEEL POSTS.
4. ALL SIGNS SHALL BE .080" THICK.
5. ALL NEW SIGNS SHALL BE UNFRAMED.
6. ALL EXISTING SIGNS SHALL BE DISMANTLED BY THE CONTRACTOR AND STOCKPILED AT THE STATE OF ALASKA DOT/PF WRANGELL AND PETERSBURG MAINTENANCE STATIONS AS DIRECTED BY THE ENGINEER.
7. SIGNS SHALL BE INSTALLED SO THAT THE BOTTOM OF THE SIGN PANEL IS 7 FEET ABOVE THE ROADWAY SURFACE.

GENERAL STRIPING NOTES

1. STRIPING SHALL BE DONE AFTER COMPLETE CURING AND FINAL SWEEPING OF THE ROAD SURFACE TREATMENT.







SINGLE LANE CLOSURE TWO LANE ROAD

NOTE: DO NOT SCALE FROM THESE PLANS-USE DIMENSIONS

PATH:	Q:\SEA\67789\RE\SIGN	
PLOT:	P:\-LIB\-PLOT\PLOTF.PCP(1) OR PLOTH.PCP(2)	
BY:	DATE:	DESCRIPTION OF CHANGE:

RECORD OF REVISIONS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION DESIGN & CONSTRUCTION

JUNEAU

SOUTHEAST ROAD
SURFACE TREATMENTS 1999/2000
STP-0003(63) ~ PROJECT NO. 67789

ALASKA

TRAFFIC CONTROL PLAN & STRIPING DETAIL

DESIGNED BY: M. COFFEY	PROJECT NO. 67789
DRAWN BY: D. STEVENS	DATE: 1999
CHECKED BY: M. COFFEY	SHEET 8 OF 8

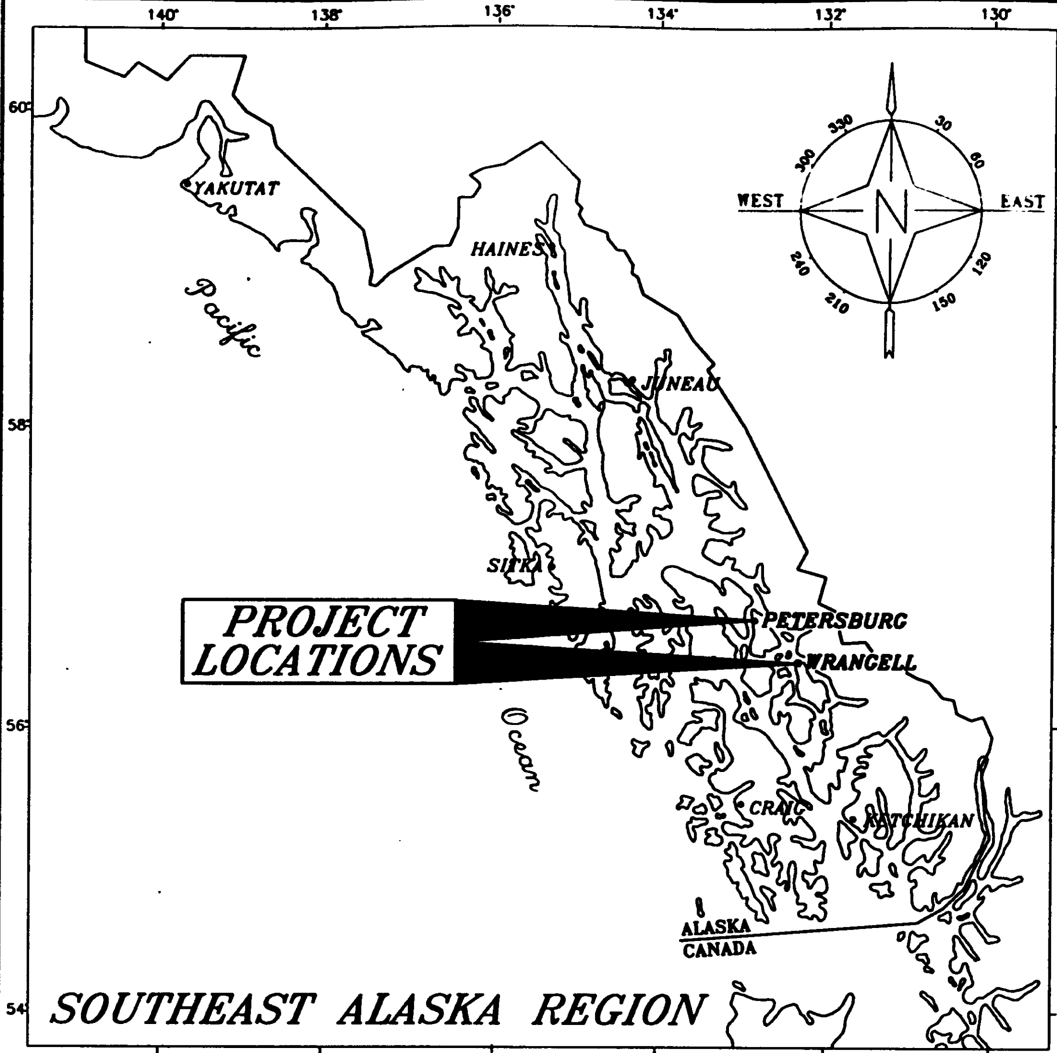
STATE OF ALASKA
49th
GARY HAYDEN
CE-4648
REGISTERED PROFESSIONAL ENGINEER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

JUNEAU, ALASKA

NON-N.H.S. PAVEMENT REHABILITATION

PROJECT NO. STP-000S(315) (67802)



SOUTHEAST ALASKA REGION

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	ESTIMATE OF QUANTITIES
3	ZIMOVIA HIGHWAY
4	MITKOF HIGHWAY
5	HAUGEN DR., SANDY BEACH RD. & NORDIC DR.
6	TRAFFIC CONTROL PLAN & STRIPING DETAIL

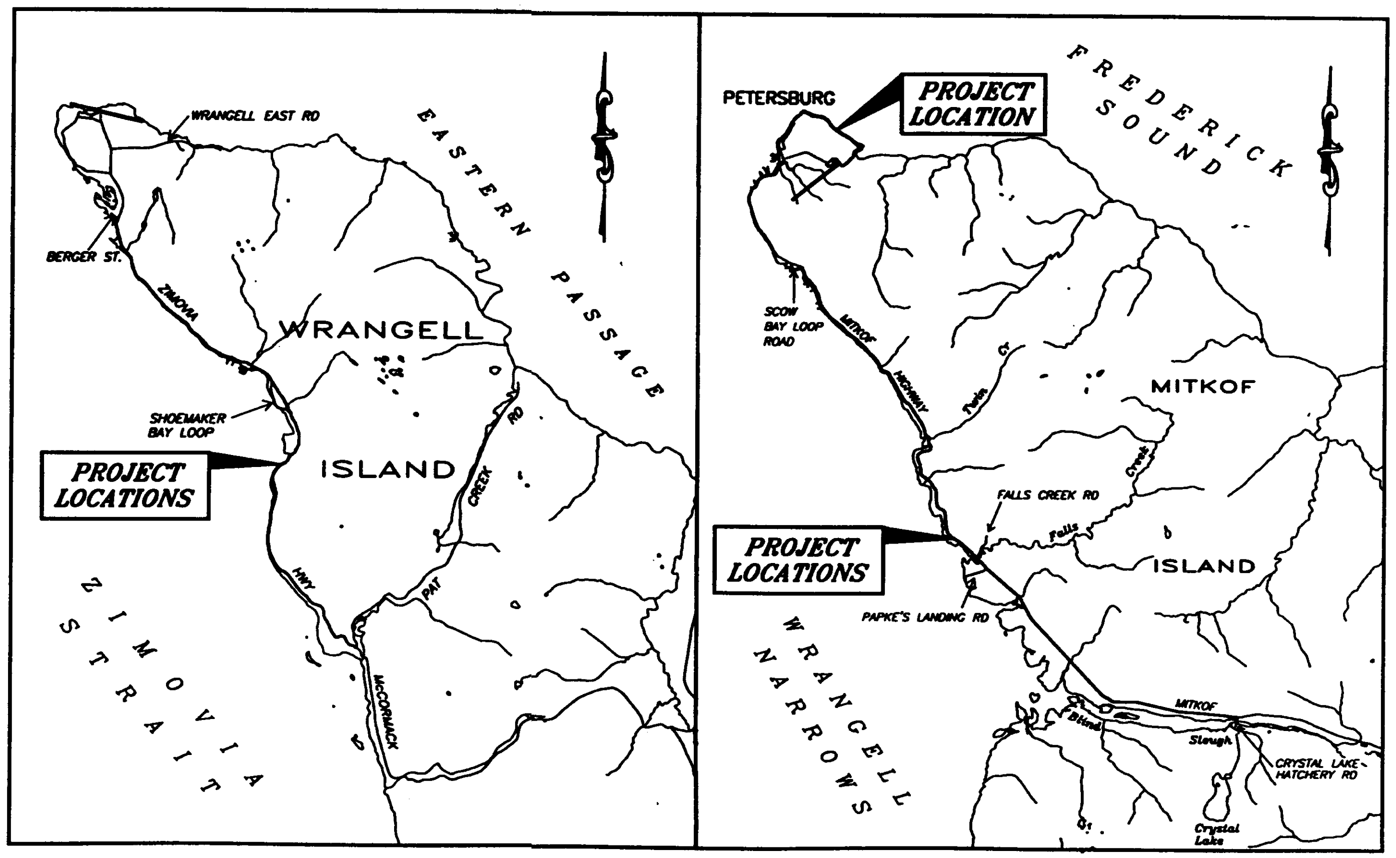
THE FOLLOWING STANDARD DRAWINGS APPLY TO THIS PROJECT:
A-1M, C-01.03M, C-02.01M, C-03.01M, T-20.00M, T-21.02M.

DESIGN DESIGNATION

	ZIMOVIA HIGHWAY	MITKOF HIGHWAY	HAUGEN DRIVE SANDY BEACH ROAD & NORDIC DRIVE
ADT 1999	2190	2910	740/730/2940
ADT 2004	2280	3150	830/820/3050
DHV	290	400	110/100/390
V	65/80 KPH	80 KPH	65 KPH/65 KPH/50 KPH

PROJECT SUMMARY

	LENGTH OF SURFACE TREATMENT	WIDTH OF SURFACE TREATMENT
(1) ZIMOVIA HIGHWAY	14,958 METERS	8.5/7.3 METERS
(2) MITKOF HIGHWAY	22,039 METERS	7.3/9.8 METERS
(3) HAUGEN DRIVE	1,105 METERS	9.1 METERS
(4) NORDIC DRIVE	1,495 METERS	9.8 METERS
(5) SANDY BEACH ROAD	2,646 METERS	9.7 METERS



VICINITY MAP

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION

APPROVED ______________________ Date ________
Regional Preconstruction Engineer

APPROVED ______________________ Date ________
Director, S.E. Region

PROJECT NUMBER: STP-000S(315) (67802)

DATE: JULY, 1999

SHEET 1 OF 6

ENGINEER'S SEAL
STATE OF ALASKA
49th
GARY HAYDEN
CE-4648
REGISTERED PROFESSIONAL ENGINEER

O:\SEA\67789\RE\TSH72 <1=1>

GENERAL NOTES

1. HORIZONTAL AND VERTICAL CONTROL IS BASED ON THE EXISTING CENTERLINE AND EXISTING FINISHED SURFACE.
2. CENTERLINE AND GRADE ARE SUBJECT TO MINOR REVISIONS.
3. IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
4. ALL CONSTRUCTION SHALL BE WITHIN THE EXISTING RIGHT OF WAY.
5. ALL EXISTING MANHOLES, WATER VALVES, MONUMENTS, INLET BOXES AND RECESSED PAVEMENT MARKER LENSES SHALL BE REQUIRED TO BE COVERED DURING THE SURFACING OPERATION. ANY DAMAGE THAT OCCURS DURING THE CONTRACTOR'S OPERATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR TO THE SATISFACTION OF THE ENGINEER.
6. STATE FURNISHED E CHIPS ARE STOCKPILED AT THE PETERSBURG MAINTENANCE STATION LOCATED AT SCOW BAY.

BASIS OF ESTIMATE

ITEM NO.	ITEM	QUANTITY
405 (1)	CRS-2 EMULSIFIED ASPHALT FOR SURFACE TREATMENT (ONE E CHIP APPLICATION)	1.6 LITERS PER SQUARE METER-1013.9 LITERS PER MEGAGRAMS
405 (1)	CRS-2 EMULSIFIED ASPHALT FOR SURFACE TREATMENT (FIRST APPLICATION OF DOUBLE SHOT)	2.3 LITERS PER SQUARE METER-1013.9 LITERS PER MEGAGRAMS
405 (1)	CRS-2 ASPHALT FOR SURFACE TREATMENT (SECOND APPLICATION)	2.7 LITERS PER SQUARE METER-1013.9 LITERS PER MEGAGRAMS
405 (2A)	AGGREGATE FOR SURFACE TREATMENT, GRADING B	30 KILOGRAMS PER SQUARE METER
405 (2B) & (2C)	AGGREGATE FOR SURFACE TREATMENT, GRADING E & AGGREGATE FOR SURFACE TREATMENT, GRADING E, STATE FURNISHED (ONE E-CHIP APPLICATION)	16 KILOGRAMS PER SQUARE METER

ESTIMATE OF QUANTITIES

ITEM NO.	ITEM	SHEET NUMBERS 3	SHEET NUMBERS 4	SHEET NUMBERS 5	UNIT	QUANTITY
120 (1)	DBE ADJUSTMENT	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	C.S.	ALL REQ'D.
303 (2)	RECONDITIONING	–	–	1.106	STATION	1.106
403 (3)	CSS-1 EMULSIFIED ASPHALT FOR PRIME COAT	–	–	4.7	MEGAGRAM	4.7
405 (1)	CRS-2 ASPHALT FOR SURFACE TREATMENT	200	310	116	MEGAGRAM	626
405 (2A)	AGGREGATE FOR SURFACE TREATMENT, GRADING B	–	–	280	MEGAGRAM	280
405 (2B)	AGGREGATE FOR SURFACE TREATMENT, GRADING E	1700	2600	700	MEGAGRAM	*5000
405 (2C)	AGGREGATE FOR SURFACE TREATMENT, GRADING E, STATE FURNISHED	–	–	–	MEGAGRAM	1995
640 (1)	MOBILIZATION AND DEMOBILIZATION	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	L.S.	ALL REQ'D.
641 (1)	EROSION AND POLLUTION CONTROL ADMINISTRATION	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	L.S.	ALL REQ'D.
641 (2)	EROSION AND POLLUTION CONTROL	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	C.S	ALL REQ'D.
641 (3)	STRAW BALE	–	–	–	EACH	10
641 (4)	TEMPORARY CHECK DAM	–	–	–	EACH	2
643 (29)	TRAFFIC CONTROL DEVICES	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	L.S.	ALL REQ'D.
670 (1)	PAINTED TRAFFIC MARKINGS	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.	L.S.	ALL REQ'D.

* TOTAL QUANTITY OF E-CHIPS INCLUDES 1995 MEGAGRAMS OF STATE FURNISHED MATERIAL TO BE PAID FOR UNDER BID ITEM 405(2C).

NOTE: DO NOT SCALE FROM THESE PLANS-USE DIMENSIONS

PATH: Q:\SEA\67789\RE\EST-02
PLOT: P:\-LIB\-PLOT\PLOTF.PCP(1) OR PLOTH.PCP(2)

BY:	DATE:	DESCRIPTION OF CHANGE:

RECORD OF REVISIONS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION DESIGN & CONSTRUCTION

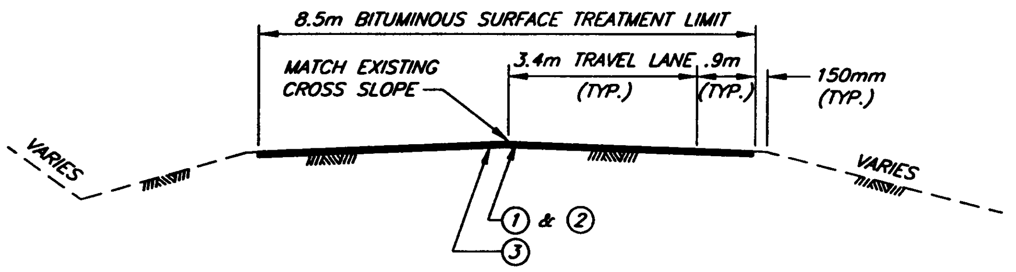
JUNEAU — ALASKA
NON-NHS
PAVEMENT REHABILITATION
STP-000S(315) ~ PROJECT NO. 67802
ESTIMATE OF QUANTITIES

DESIGNED BY: P. JONES
DRAWN BY: D. STEVENS
CHECKED BY: M. COFFEY
PROJECT NO. 67802
DATE: 1999
SHEET 2 OF 6

STATE OF ALASKA — GARY HAYDEN — CE 4648 — REGISTERED PROFESSIONAL ENGINEER

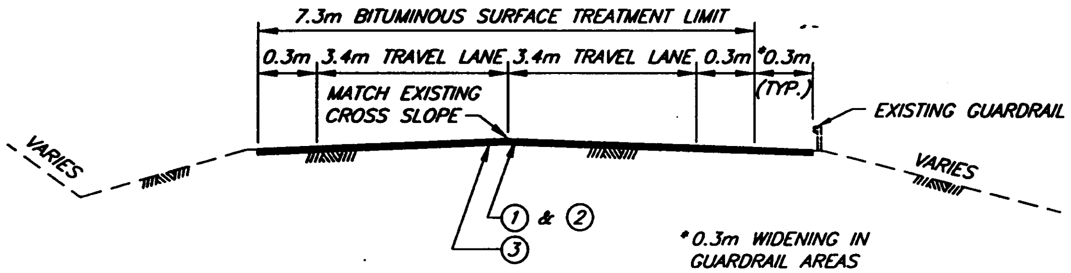
ESTIMATE OF QUANTITIES

ITEM NO.	PAY ITEM	UNIT	QUANTITY
405 (1)	CRS-2 ASPHALT FOR SURFACE TREATMENT	MEGAGRAM	200
405 (2B)	AGGREGATE FOR SURFACE TREATMENT, GRADING E	MEGAGRAM	1700
670 (1)	PAINTED TRAFFIC MARKINGS	LUMP SUM	ALL-REQ'D



B.O.P. TO SAWMILL ENTRANCE

"O" LINE STATION B.O.P. 0+000 TO "O" LINE STATION 8+483

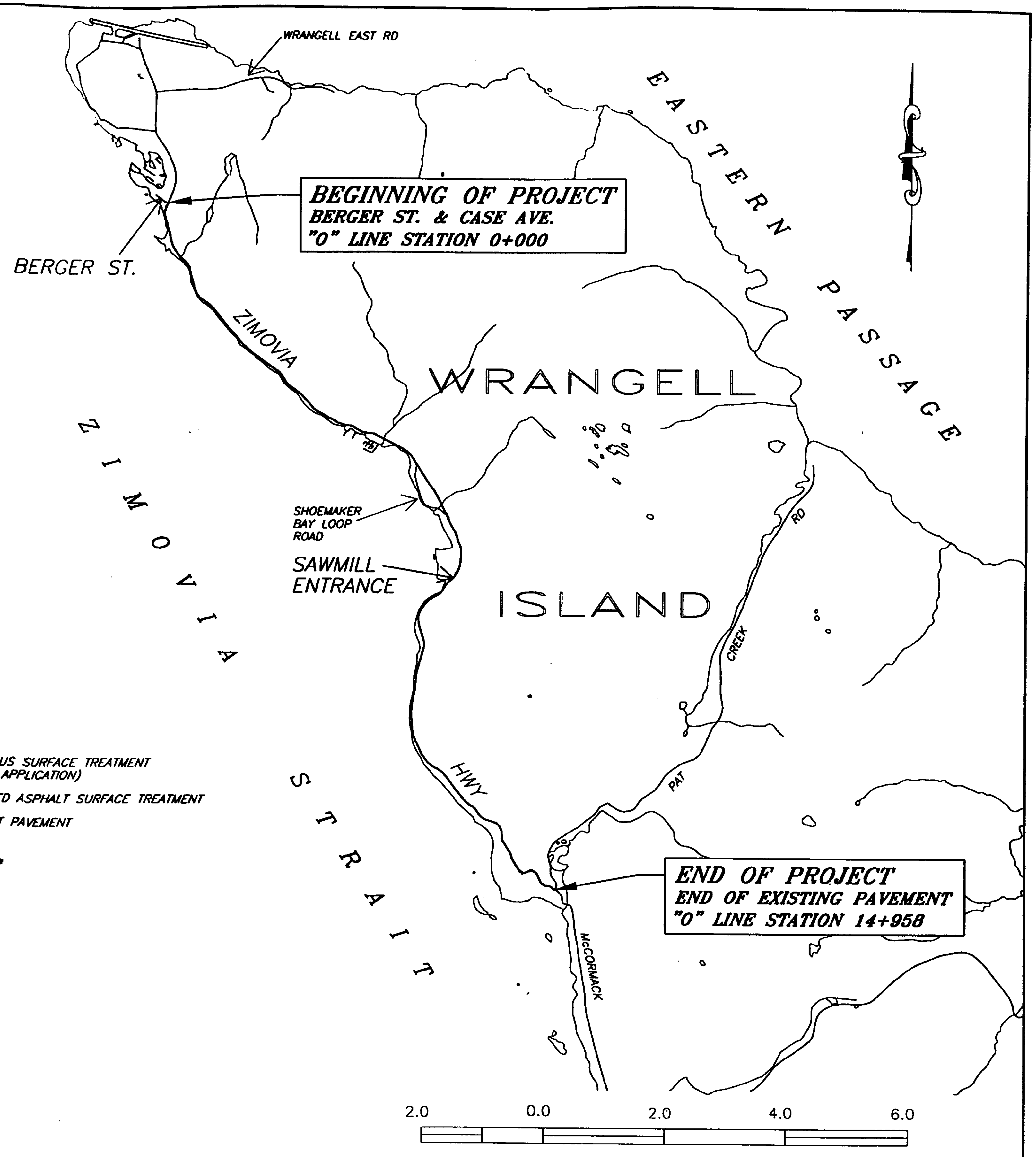


SAWMILL ENTRANCE TO E.O.P.

"O" LINE STATION 8+483 TO "O" LINE STATION E.O.P. 14+958

LEGEND

1. E CHIP BITUMINOUS SURFACE TREATMENT (1 SHOT CRS-2 APPLICATION)
2. CRS-2 EMULSIFIED ASPHALT SURFACE TREATMENT
3. EXISTING ASPHALT PAVEMENT



NOTE: DO NOT SCALE FROM THESE PLANS-USE DIMENSIONS

PATH:	Q: \SEA\67789\RE\BERGER.DWG	
PLOT:	P: \-LIB\-PLOT\PLOTF.PCP(1) OR PLOTH.PCP(2)	
BY:	DATE:	DESCRIPTION OF CHANGE:

RECORD OF REVISIONS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION DESIGN & CONSTRUCTION

JUNEAU — ALASKA

NON-N.H.S.
PAVEMENT REHABILITATION
STP-000S(315) ~ PROJECT NO. 67802
ZIMOVIA HIGHWAY

DESIGNED BY: P. JONES	PROJECT NO. 67802
DRAWN BY: D. STEVENS	DATE: 1999
CHECKED BY: M. COFFEY	SHEET 3 OF 6

STATE OF ALASKA
GARY HAYDEN
CE-4648
REGISTERED PROFESSIONAL ENGINEER

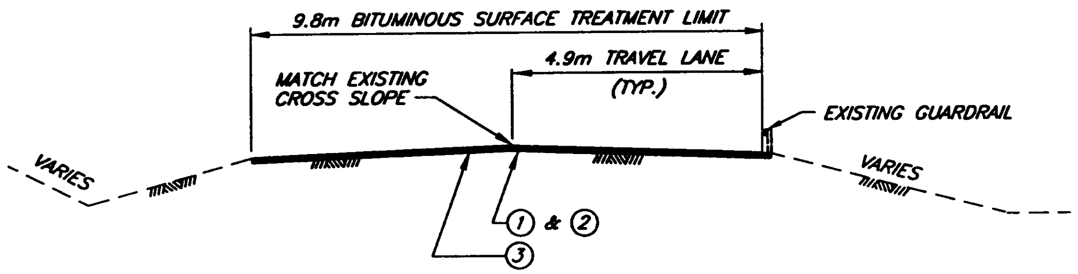
ESTIMATE OF QUANTITIES

ITEM NO.	PAY ITEM	UNIT	QUANTITY
405 (1)	CRS-2 ASPHALT FOR SURFACE TREATMENT	MEGAGRAM	310
405 (2B) & (2C)	AGGREGATE FOR SURFACE TREATMENT, GRADING E & AGGREGATE FOR SURFACE TREATMENT, GRADING E, STATE FURNISHED	MEGAGRAM	*2600
670 (1)	PAINTED TRAFFIC MARKINGS	LUMP SUM	ALL-REQ'D

* TOTAL QUANTITY OF E-CHIPS INCLUDES 1995 MEGAGRAMS OF STATE FURNISHED MATERIAL TO BE PAID FOR UNDER BID ITEM 405 (2C).

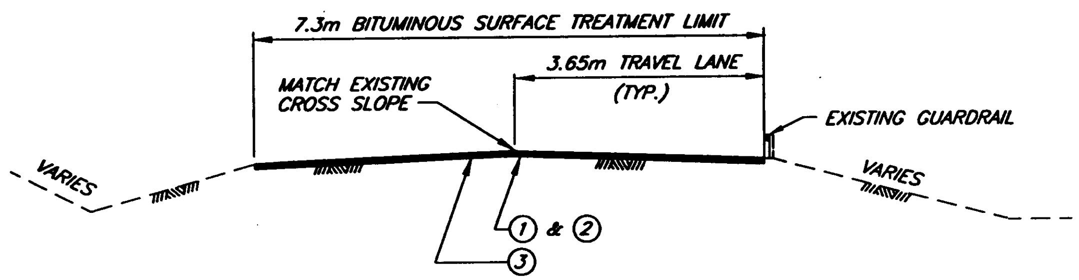
LEGEND

1. E CHIP BITUMINOUS SURFACE TREATMENT (1 SHOT CRS-2 APPLICATION)
2. CRS-2 EMULSIFIED ASPHALT FOR SURFACE TREATMENT
3. EXISTING ASPHALT PAVEMENT



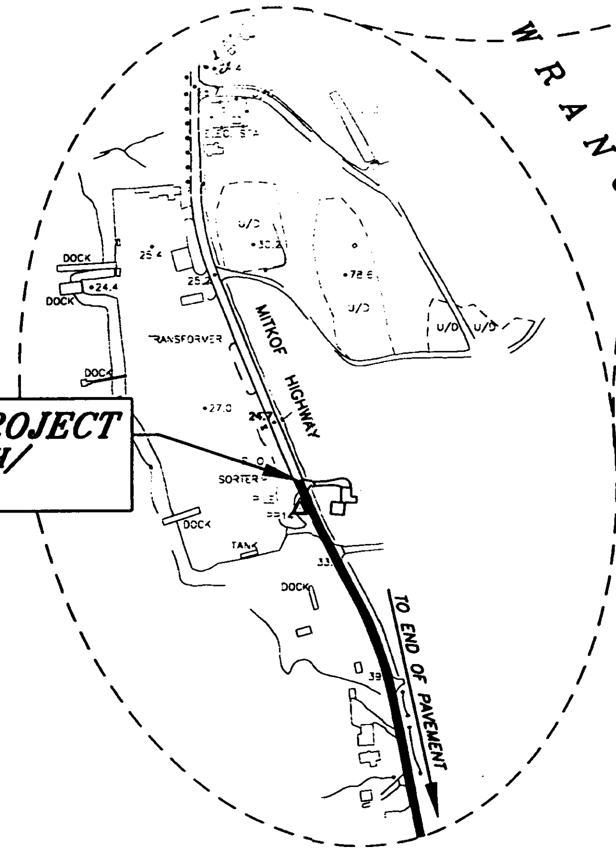
B.O.P. TO PAPKE'S LANDING

"0" LINE STATION B.O.P. 0+000 TO "0" LINE STATION 11+869



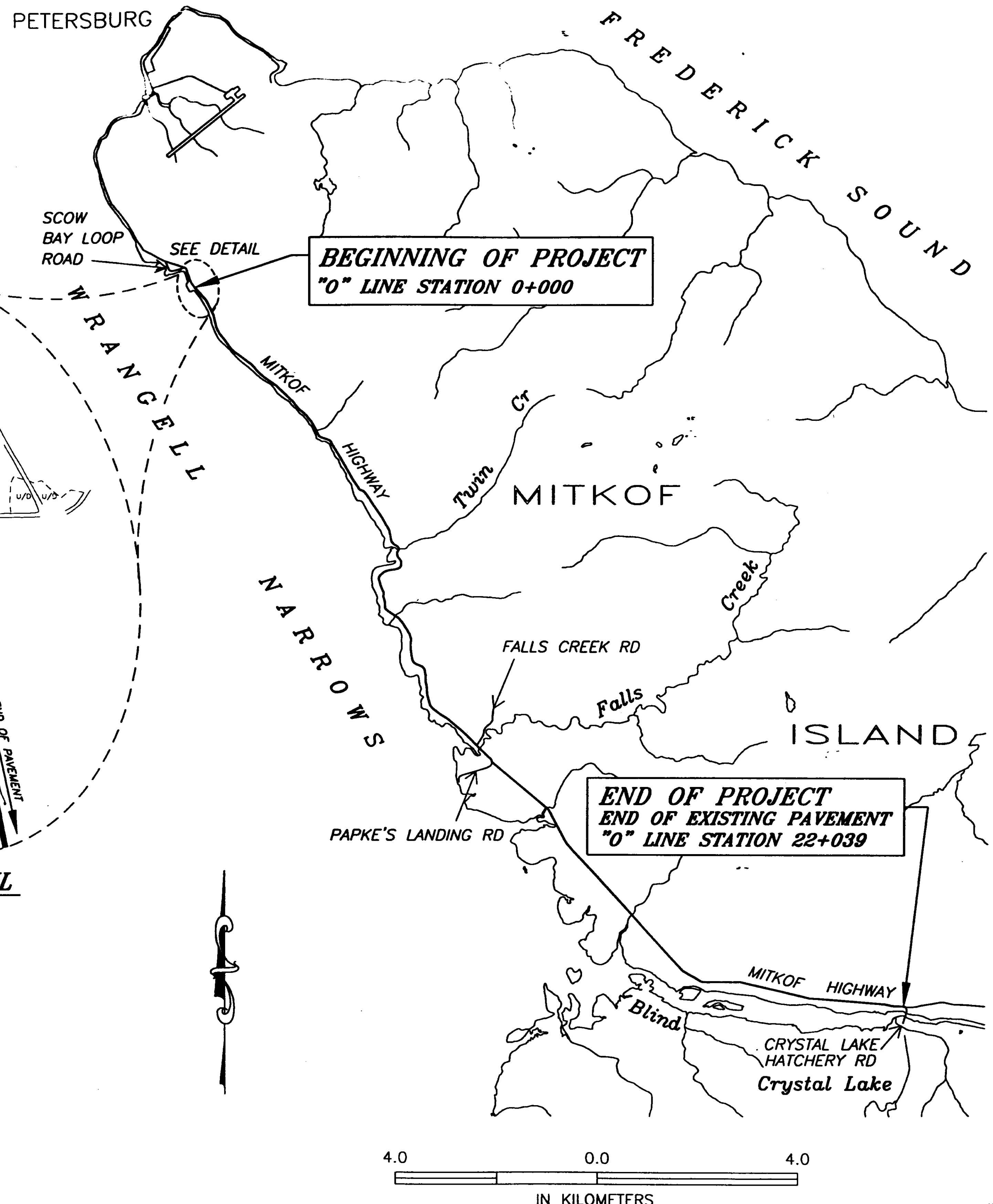
PAPKE'S LANDING TO E.O.P.

"0" LINE STATION 11+869 TO "0" LINE STATION E.O.P. 22+039



DETAIL

N.T.S.



NOTE: DO NOT SCALE FROM THESE PLANS-USE DIMENSIONS

PATH:	Q:\SEA\67789\RE\AML.DWG	
PLOT:	P:\-LIB\-PLOT\PLOTF.PCP(1) OR PLOTH.PCP(2)	
BY:	DATE:	DESCRIPTION OF CHANGE:

RECORD OF REVISIONS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION DESIGN & CONSTRUCTION

JUNEAU — ALASKA

NON N.H.S.
PAVEMENT REHABILITATION
STP-000S(315)~ PROJECT NO. 67802
MITKOF HIGHWAY

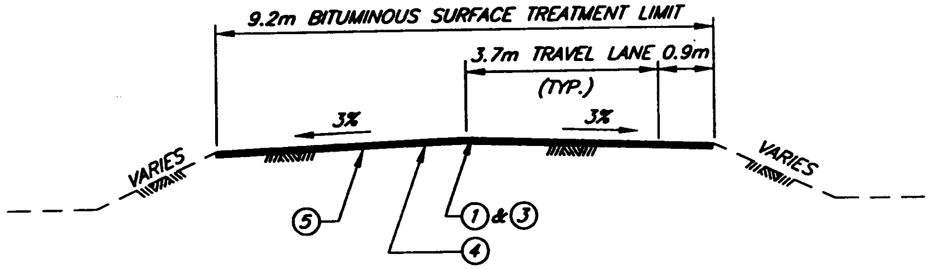
DESIGNED BY: P. JONES	PROJECT NO. 67802
DRAWN BY: D. STEVENS	DATE: 1999
CHECKED BY: M. COFFEY	SHEET 4 OF 6

STATE OF ALASKA — GARY HAYDEN — CE-4648 — REGISTERED PROFESSIONAL ENGINEER

ESTIMATE OF QUANTITIES

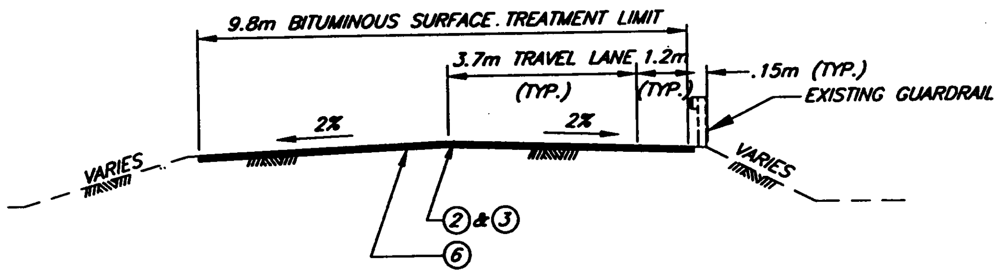
ITEM NO.	PAY ITEM	UNIT	HAUGEN DRIVE	SANDY BEACH RD.	NORDIC DRIVE
303 (2)	RECONDITIONING	STATION	1.106		
403 (2)	CSS-1 EMULSIFIED ASPHALT FOR PRIME COAT	MEGAGRAM	4.7		
405 (1)	CRS-2 ASPHALT FOR SURFACE TREATMENT	MEGAGRAM	52	43	21
405 (2A)	AGGREGATE FOR SURFACE TREATMENT, GRADING B	MEGAGRAM	280		
405 (2B) & (2C)	AGGREGATE FOR SURFACE TREATMENT, GRADING E & AGGREGATE FOR SURFACE TREATMENT, GRADING E, STATE FURNISHED	MEGAGRAM	*170	*360	*170
670 (1)	PAINTED TRAFFIC MARKINGS	LUMP SUM	ALL REQ'D.	ALL REQ'D.	ALL REQ'D.

NEW PAINTED TRAFFIC MARKINGS SHALL MATCH THE EXISTING LAYOUT.
*TOTAL QUANTITY OF E-CHIPS INCLUDES 1995 MEGAGRAMS OF STATE FURNISHED MATERIAL TO BE PAID FOR UNDER BID ITEM 405 (2C).



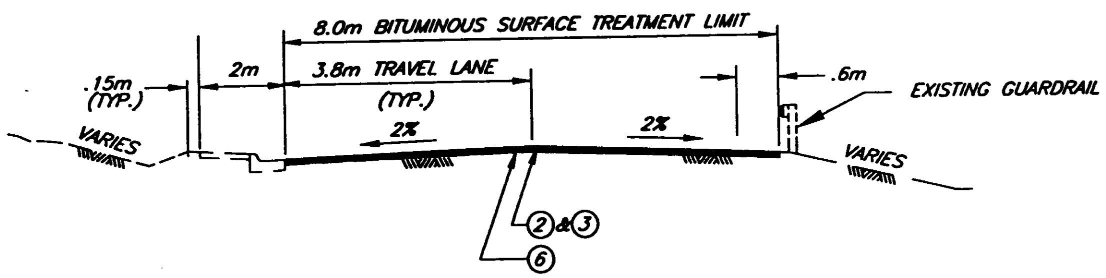
HAUGEN DRIVE

B.O.P. "H" LINE STATION 0+000 TO E.O.P. "H" LINE STATION 1+106



SANDY BEACH ROAD

B.O.P. "SB" LINE STATION 0+000 TO E.O.P. "SB" LINE STATION 2+646

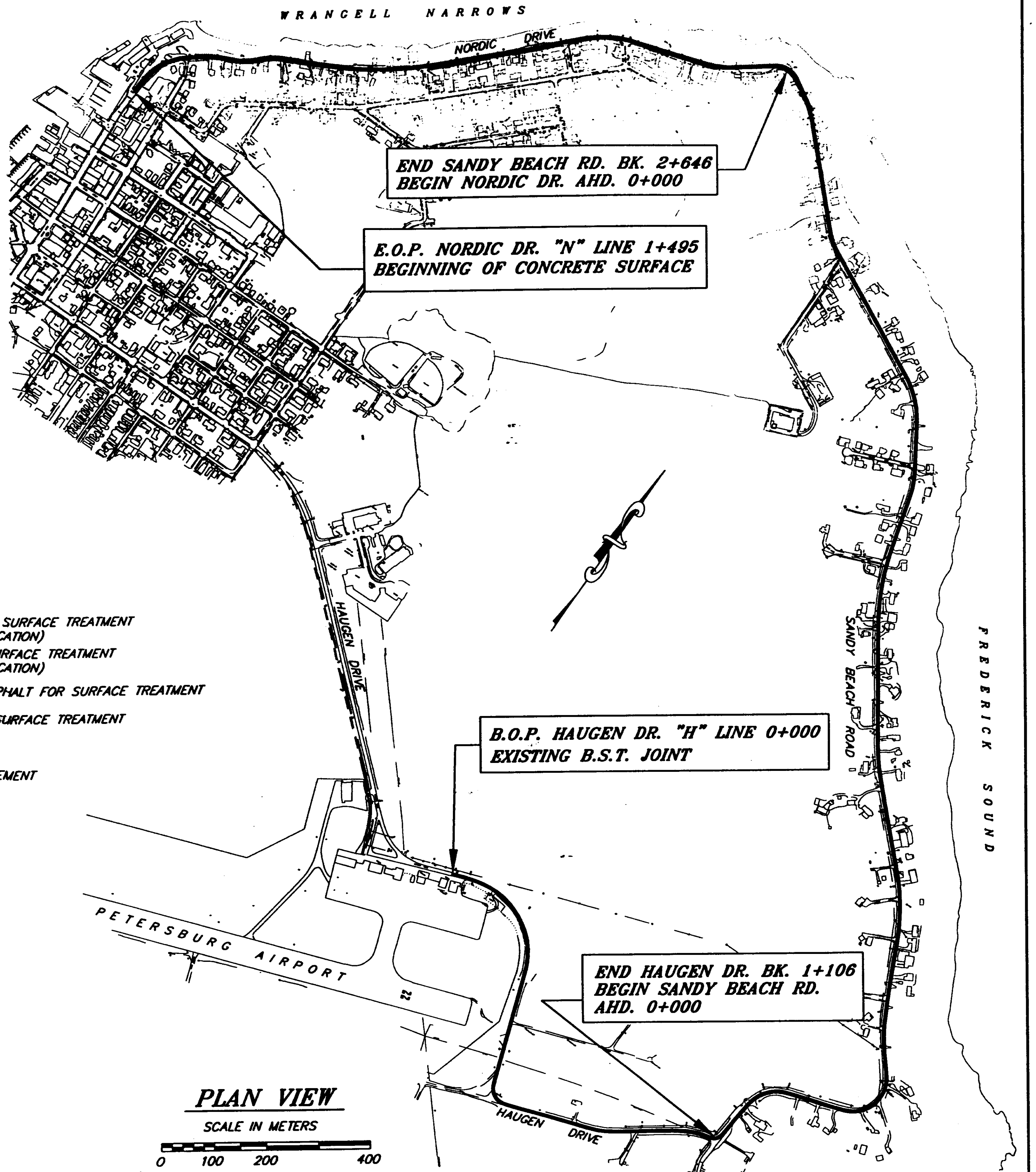


NORDIC DRIVE

B.O.P. "N" LINE STATION 0+000 TO E.O.P. "N" LINE STATION 1+495

LEGEND

1. B&E CHIP BITUMINOUS SURFACE TREATMENT (2 SHOT CRS-2 APPLICATION)
2. E CHIP BITUMINOUS SURFACE TREATMENT (1 SHOT CRS-2 APPLICATION)
3. CRS-2 EMULSIFIED ASPHALT FOR SURFACE TREATMENT
4. EXISTING BITUMINOUS SURFACE TREATMENT
5. RECONDITIONING
6. EXISTING ASPHALT PAVEMENT



PLAN VIEW

SCALE IN METERS

0 100 200 400

NOTE: DO NOT SCALE FROM THESE PLANS-USE DIMENSIONS

PATH:	Q:\SEA\67789\RE\P-BURG-1	
PLOT:	P:\-LIB\-PLOT\PLOTF.PCP(1) OR PLOTH.PCP(2)	
BY:	DATE:	DESCRIPTION OF CHANGE:

RECORD OF REVISIONS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
SOUTHEAST REGION DESIGN & CONSTRUCTION

JUNEAU — ALASKA

NON N.H.S.
PAVEMENT REHABILITATION
STP-000S(315) ~PROJECT NO. 67802
HAUGEN DR.,
SANDY BEACH RD. & NORDIC DR.

DESIGNED BY: P. JONES	PROJECT NO. 67802
DRAWN BY: D. STEVENS	DATE: 1999
CHECKED BY: M. COFFEY	SHEET 5 OF 6

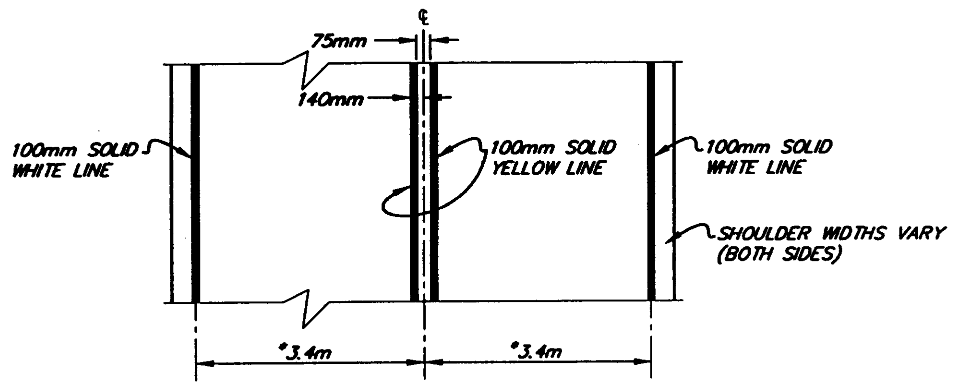
STATE OF ALASKA
49th
GARY HAUGEN
CE-4648
REGISTERED PROFESSIONAL ENGINEER

TRAFFIC CONTROL NOTES

1. A SINGLE LANE CLOSURE UTILIZING TWO FLAGGERS (SEE DETAIL ON THIS SHEET) SHALL BE USED DURING THE PAVING OPERATION, WHEN THE STIPULATIONS OF NOTES 1 AND 2 ARE NOT MET OR WHEN DIRECTED BY THE ENGINEER.
2. THERE SHALL BE A MINIMUM OF 300 METERS SEPARATION BETWEEN WORK ZONES.
3. TWO TRAFFIC LANES SHALL BE MAINTAINED AT ALL TIMES IN NON-WORK AREAS DURING NON-WORKING HOURS.
4. TEMPORARY DRIVING LANES SHALL HAVE A MINIMUM WIDTH OF 3 METERS.
5. CONSTRUCTION SIGNING SHALL BE IN PLACE ONLY WHEN THE CONDITIONS FOR WHICH THOSE SIGNS ARE INTENDED EXIST.
6. IT IS THE INTENT OF THIS TRAFFIC CONTROL PLAN (T.C.P.) TO ILLUSTRATE SOME, BUT NOT ALL, OF THE TRAFFIC ONTROL CONFIGURATIONS WHICH WILL BE REQUIRED ON THIS PROJECT. TRAFFIC CONTROL PLANS FOR CONFIGURATIONS NOT COVERED BY THIS T.C.P. SHALL BE DEVELOPED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER FOR APPROVAL, PRIOR TO USE. CONTRACTOR DEVELOPED TRAFFIC CONTROL PLANS SHALL, WHERE APPROPRIATE, INCORPORATE APPLICABLE PORTIONS OF THE DETAILS GIVEN IN THIS T.C.P.

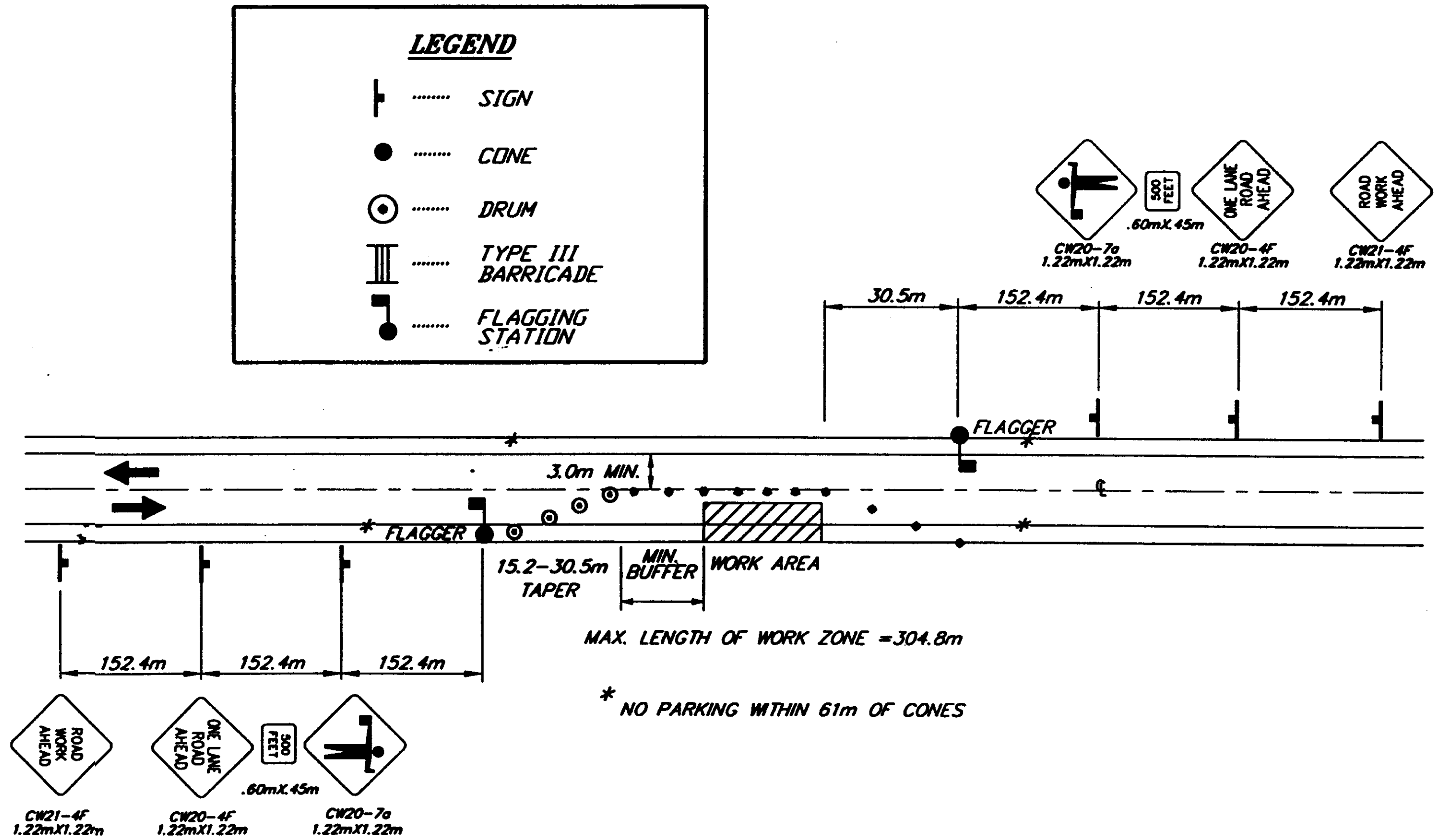
GENERAL STRIPING NOTES

1. STRIPING SHALL BE DONE AFTER COMPLETE CURING AND FINAL SWEEPING OF THE FINAL APPLICATION OF CHIPS.
2. STRIPING SHALL MATCH THE EXISTING PAVEMENT STRIPING. THE CONTRACTOR SHALL REFERENCE EXISTING PASSING/NO PASSING MARKINGS AND CHANGES IN STRIPING PATTERNS AND RE-ESTABLISH FOR THE NEW MARKINGS.



TYPICAL ROADWAY STRIPING DETAIL

*3.7m FOR HAUGEN DRIVE, SANDY BEACH ROAD AND NORDIC DRIVE.



SINGLE LANE CLOSURE TWO LANE ROAD

NOTE: DO NOT SCALE FROM THESE PLANS-USE DIMENSIONS

PATH: Q:\SEA\67789\RE\SIGN2 PLOT: P:\-LIB\-PLOT\PLOTF.PCP(1) OR PLOTH.PCP(2) BY: / DATE: / DESCRIPTION OF CHANGE: RECORD OF REVISIONS	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES SOUTHEAST REGION DESIGN & CONSTRUCTION	KLUKWAN — ALASKA NON N.H.S. PAVEMENT REHABILITATION STP-000S(316) ~ PROJECT NO. 67802 TRAFFIC CONTROL PLAN & STRIPING DETAIL	DESIGNED BY: M. COFFEY DRAWN BY: D. STEVENS CHECKED BY: M. COFFEY	PROJECT NO. 67802 DATE: 1999 SHEET 6 OF 6

STATE OF ALASKA 49th GARY HAYDEN CE-4648 REGISTERED PROFESSIONAL ENGINEER