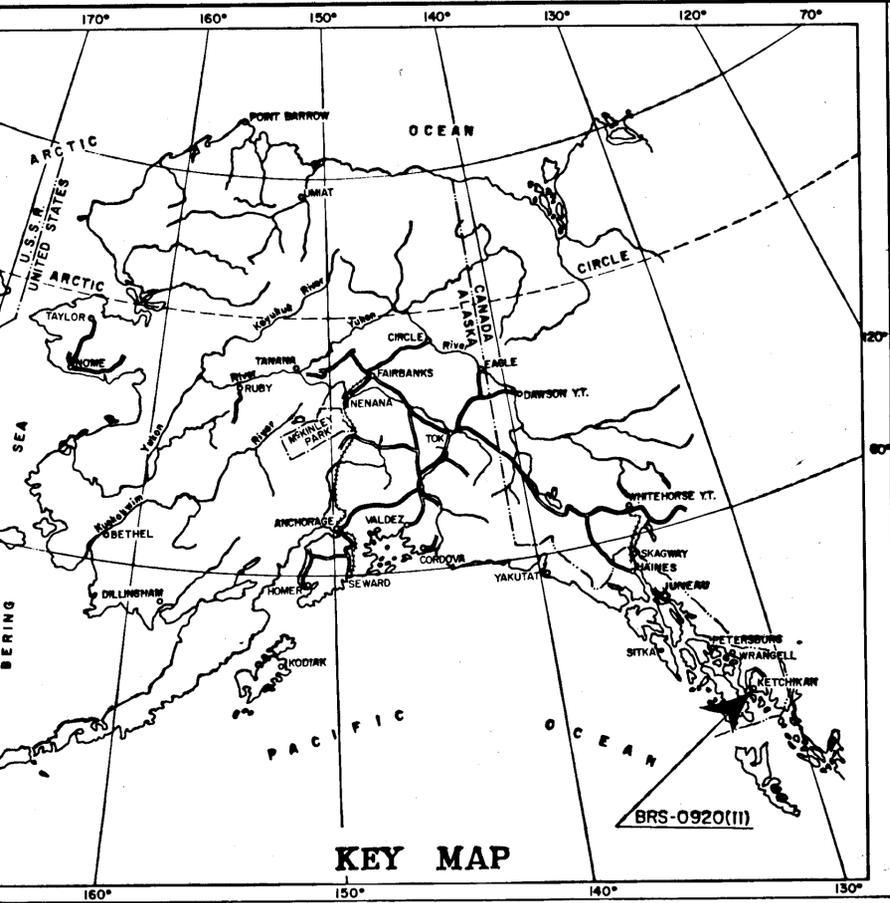


STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	BRS-0920(II)	1974	1	11



**STATE OF ALASKA
DEPARTMENT OF HIGHWAYS**

**PLAN AND PROFILE
PROPOSED HIGHWAY PROJECT
BRS-0920(II)
WARD CREEK BRIDGE
GRADING, PAVING, & BRIDGE WIDENING**

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	TYPICAL SECTION—ESTIMATE OF QUANTITIES
3	PLAN & PROFILE SHEET
4-II	BRIDGE PLANS

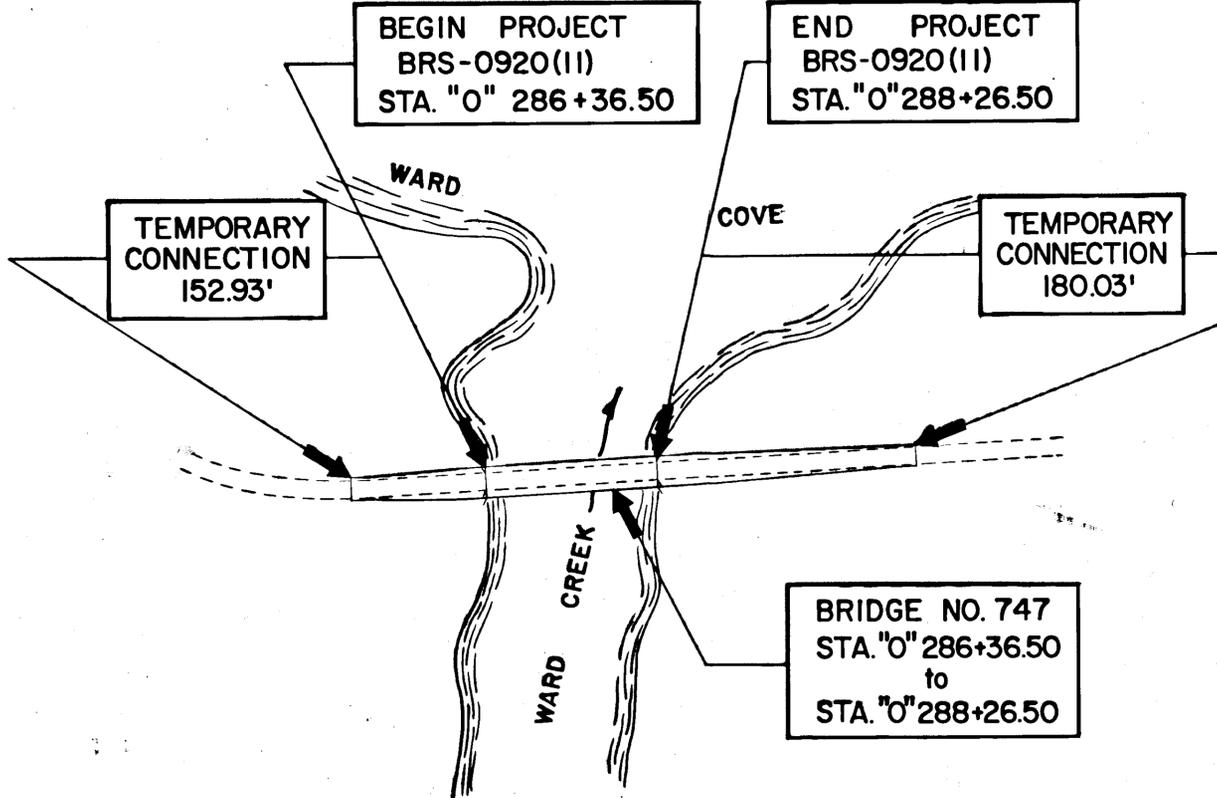
THE FOLLOWING STANDARD DRAWINGS APPLY TO THIS PROJECT: A-1, C-00.01, C-10.00, C-11.01, G-04.30, G-10.11, G-30.01, G-04.12, G-30.11, I-40.10, S-05.00, S-30.00

AS-BUILT PLANS
BEGIN DATE: APRIL 17, 1975 COMPLETION DATE: DEC. 3, 75

CONTRACTOR: WYMAN CONSTR.
PROJECT ENGINEER: DALE F. ROBBINS

DESIGN DESIGNATION

ADT (1974) = 3,900
 ADT (1995) = 11,500
 DHV (12%) = 1,400
 D = 40-60
 T = 5%
 V = 40 M.P.H.



PROJECT SUMMARY

LENGTH OF PAVING = ~~332.96'~~ = 0.063 MI.
 LENGTH OF BRIDGE = 190' = 0.036 MI.
 LENGTH OF PROJECT = 190' = 0.036 MI.
 LENGTH OF TEMPORARY CONNECTIONS = 332.96' = 0.063 MI.

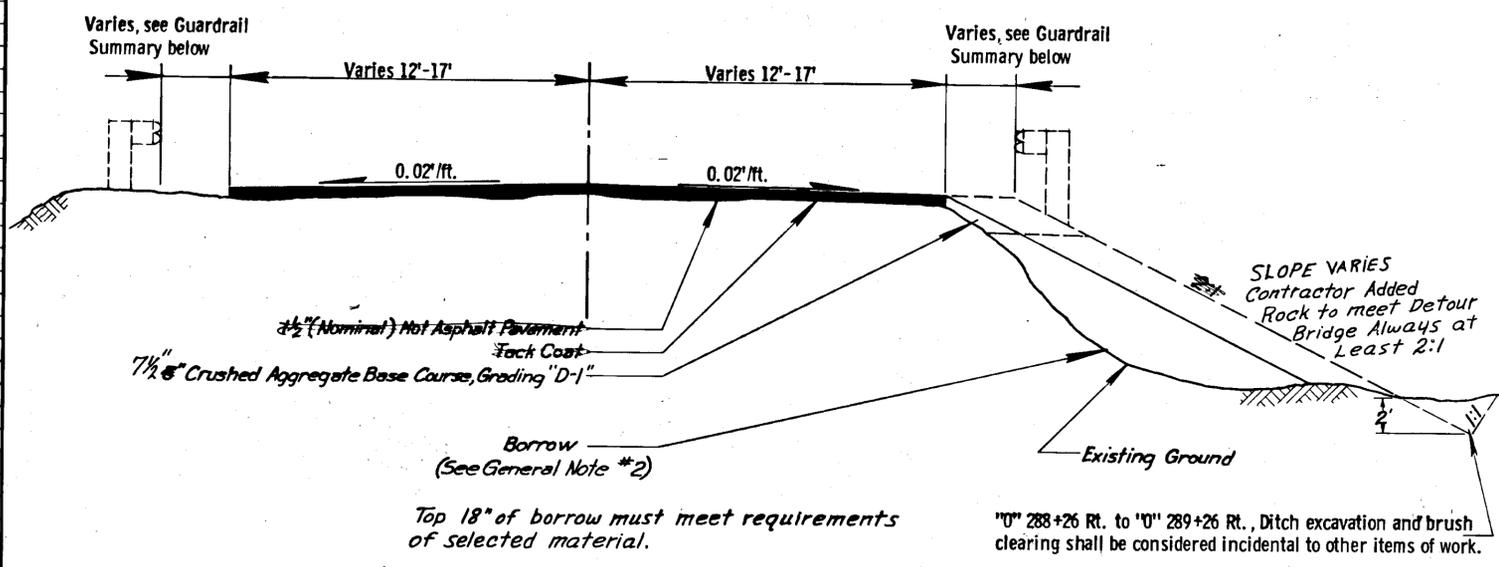
STATE OF ALASKA
DEPARTMENT OF HIGHWAYS

APPROVED *[Signature]* DATE *9/11/74* APPROVED *[Signature]* DATE *9-5-74*
 SOUTHEASTERN DISTRICT ENGINEER COMMISSIONER OF HIGHWAYS

ESTIMATE OF QUANTITIES

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	BRS-0920(II)	1974	2	11

Item Number	Item	Unit	Roadway	Bridge	Grand
			Subtotal	Subtotal	Total
4 (1)	Maintenance of Traffic	L.S.	All Req'd	All Req'd	All Req'd
(1)	Mobilization	L.S.	All Req'd.	All Req'd.	All Req'd.
(1)	Temporary Erosion and Pollution Control	C.S.	All Req'd.	All Req'd. (None Required)	All Req'd.
(9)	Removal of Structures and obstructions	L.S.		All Req'd.	All Req'd.
(5B)	Borrow	Ton C.Y.	1,350,783		1,350,783
(1)	Crushed Aggregate Base Course, Grading D-1	Ton	25,148		25,148
(1)	Hot Asphalt Pavement	Ton	107	83	190
(2)	AR-10 Asphalt Cement	Ton	8	6.2	14.2
(3)	Membrane Waterproofing	Sq. Yd.		739	739
(2)	CRS-2 Emulsified Asphalt for Tack Coat	Ton	0.5		0.5
(1)	Class "A" Concrete	L.S.		All Req'd.	All Req'd.
(1)	Prestressed Concrete Girders	Each		18	18
(1)	Reinforcing Steel	L.S.		All Req'd.	All Req'd.
(1)	Structural Steel; Furnished, Fabricated and Erected	L.S.		All Req'd.	All Req'd.
(4)	Cast-in-place Concrete Piles, Furnished and Driven	L.F.		784,757.3	784,757.3
(1)	Metal Bridge Railing	L.F.		380	380
(1)	Beam Type Guardrail, Type 1 Post	L.F.	250		250
(1)	Watering	M. Gal.	5		5



TYPICAL SECTION OF IMPROVEMENTS
 STA. "0" 284+83.57 to STA. "0" 286+36.50
 ‡
 STA. "0" 288+26.50 to STA. "0" 290+06.53

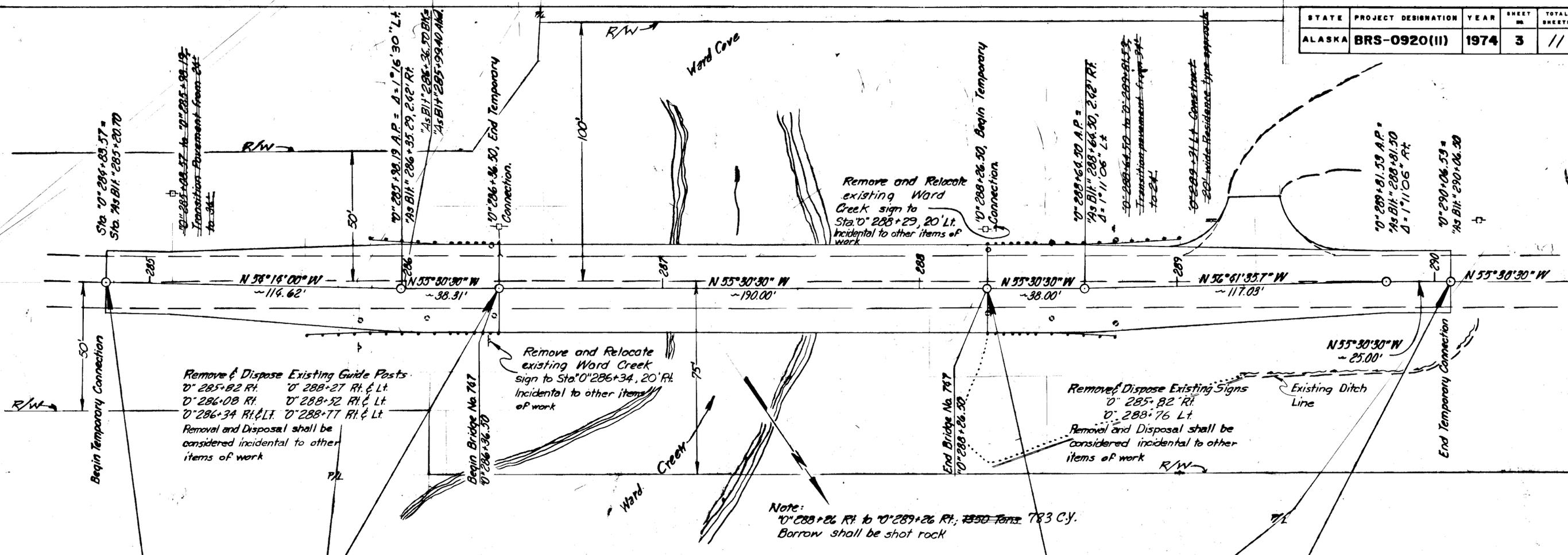
GENERAL NOTES

- Alignment shown on these plans is subject to minor revisions.
- Borrow quantity indicated on sheet number 3 shall be shot rock according to Section 203 of the Special Provisions.
- Sign locations are approximate only and shall be located as directed by the engineer.

Item	Estimating Factor
203(5B)	1.80 tons per Cu. Yd.
301(1)	1.96 tons per Cu. Yd.
401(1)	112 lbs. per Sq. Yd. / inch depth
401(2)	7.5 % of Item 401(1)
402(2)	0.10 gal. / sq. yds. - 241 gal./ton

From Station	Offset	To Station	Offset
285+61.50	18.4' Rt.	286+36.50	17' Rt.
285+86.50	19.4' Lt.	286+36.50	17' Lt.
288+26.50	17' Lt.	289+01.50	18.4' Lt.
288+26.50	17' Rt.	288+76.50	19.4' Rt.

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	BRS-0920(II)	1974	3	//



Earthwork Equation:
 $Embarkment = [Excavation - Waste] \times Grading Factor + Borrow$

TEMPORARY CONNECTION

BEGIN PROJECT BRS-0920(II)
 STA. "O" 286+36.50 =
 STA. "AS BLT" 286+36.50, 2.42' RT.

END PROJECT BRS-0920(II)
 STA. "O" 288+26.50 =
 STA. "AS BLT" 288+26.50, 2.42' RT.

TEMPORARY CONNECTION

