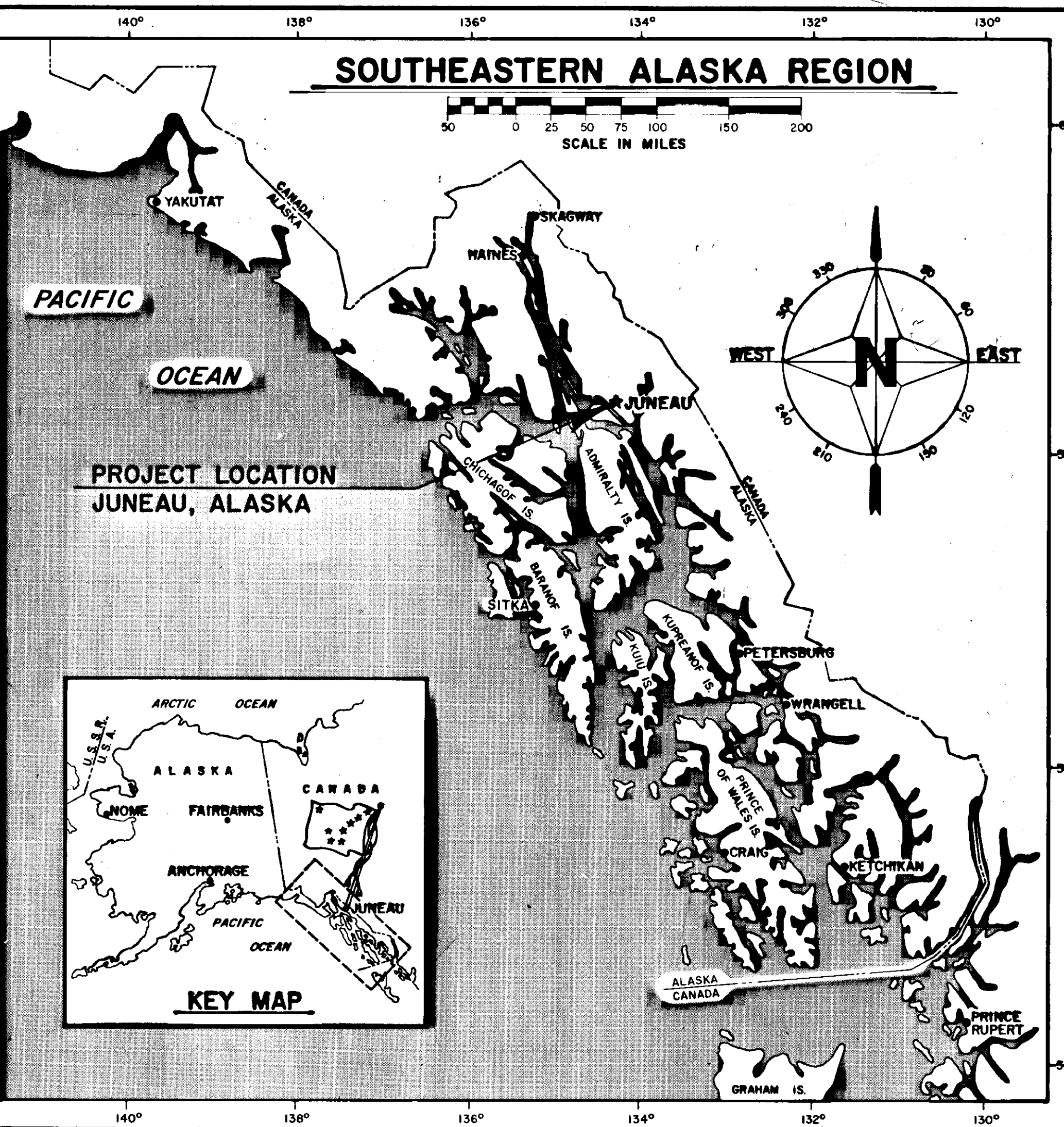




STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES SOUTHEASTERN REGION DESIGN AND CONSTRUCTION DIVISION

PROJECT No. F-093-2(25) (69295)
EGAN EXPRESSWAY
(WILLOUGHBY AVE. TO MENDENHALL LOOP RD.)
PAVEMENT REHABILITATION

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2-3	TYPICAL SECTIONS OF IMPROVEMENT
4	ESTIMATE OF QUANTITIES & SUMMARIES
5-9	PAVEMENT MARKINGS
10-11	TRAFFIC CONTROL PLAN AND DETAILS

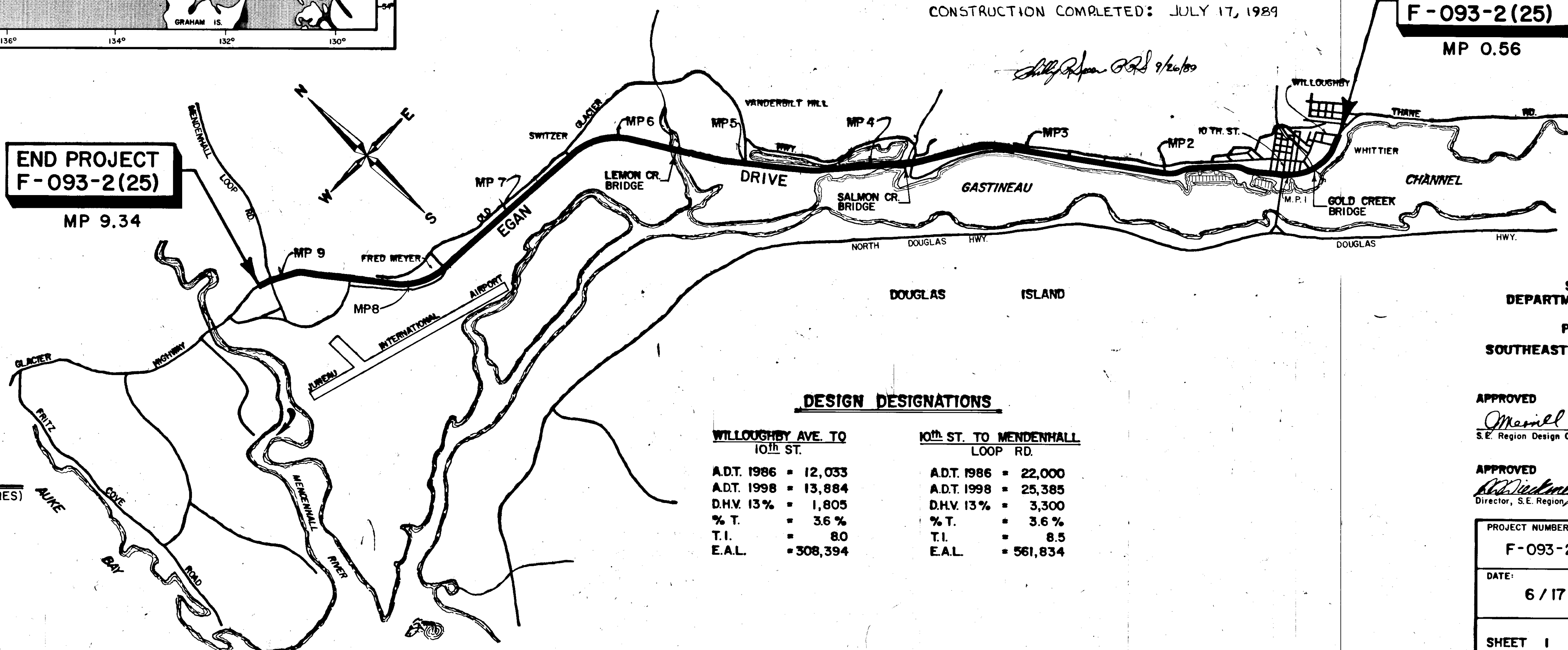
THE FOLLOWING STANDARD DRAWINGS ARE INCLUDED IN THIS PROJECT: A-1, C-01.02, C-02.00, C-05.00, C-06.00, T-20.00, & T-21.01.

"AS-BUILT"

CONTRACTOR: ASSOCIATED SAND & GRAVEL CO., INC.
PROJECT ENGINEER: PHIL SPEER
CONSTRUCTION BEGAN: SEPTEMBER 15, 1988
CONSTRUCTION COMPLETED: JULY 17, 1989

BEGIN PROJECT
F-093-2(25)
MP 0.56

END PROJECT
F-093-2(25)
MP 9.34



DESIGN DESIGNATIONS

WILLOUGHBY AVE. TO 10TH ST.

A.D.T. 1986 = 12,033
A.D.T. 1998 = 13,884
D.H.V. 13% = 1,805
% T. = 3.6 %
T.I. = 8.0
E.A.L. = 308,394

10TH ST. TO MENDENHALL LOOP RD.

A.D.T. 1986 = 22,000
A.D.T. 1998 = 25,385
D.H.V. 13% = 3,300
% T. = 3.6 %
T.I. = 8.5
E.A.L. = 561,834

PROJECT SUMMARY

PAVEMENT WIDTH = 46 TO 72 FT. (VARIES)
LENGTH OF BRIDGES = 422
LENGTH OF EXCEPTIONS = 0
LENGTH OF PAVING = 8.78 MI.
LENGTH OF PROJECT = 8.78 MI.

"NO CHANGE IN LENGTH"

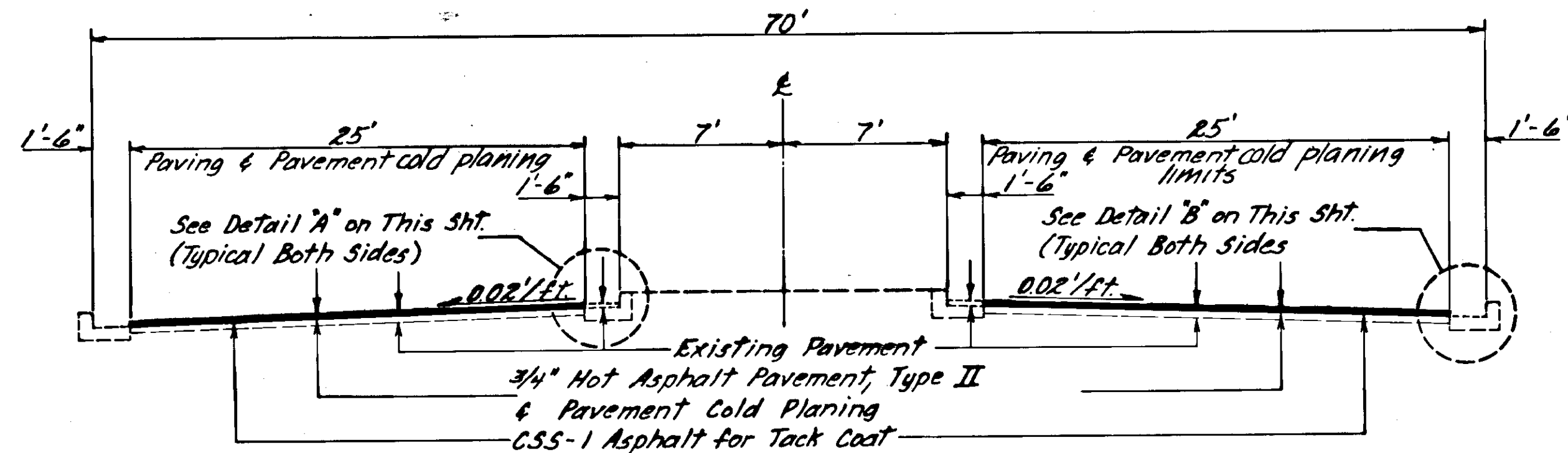
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND
PUBLIC FACILITIES
SOUTHEASTERN REGION DESIGN SECTION

APPROVED
Marshall
S.E. Region Design Chief Date 6-27-88

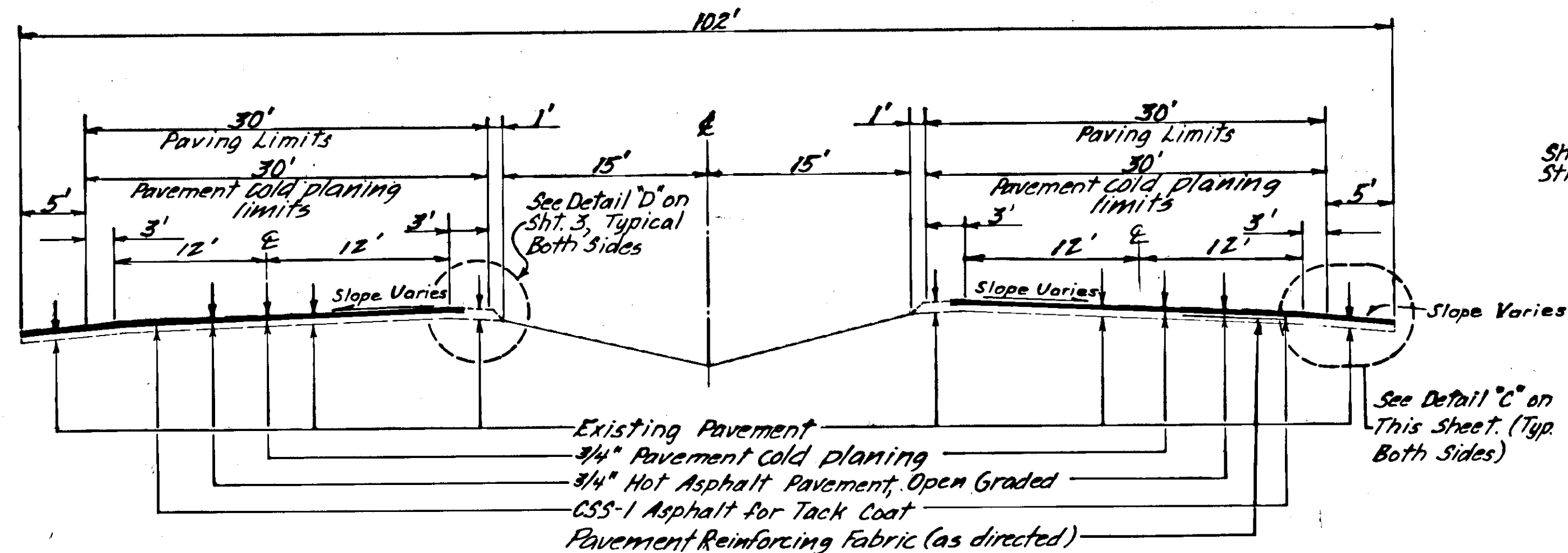
APPROVED
John W. Henry
Director, S.E. Region Design & Construction Date 6-27-88

PROJECT NUMBER: F-093-2 (25)	ENGINEER'S STAMP STATE OF ALASKA John W. Henry No. 4299-E
DATE: 6 / 17 / 88	
SHEET 1 OF 11	

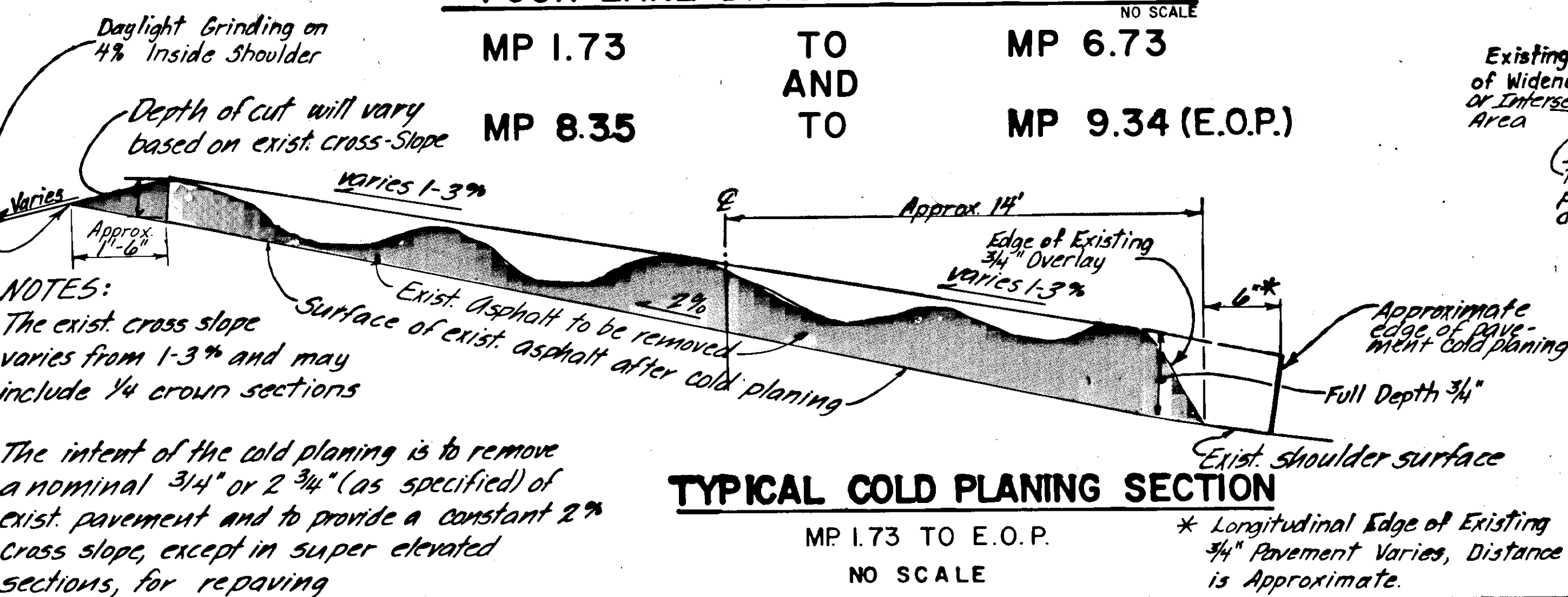
TYPICAL SECTIONS OF IMPROVEMENT



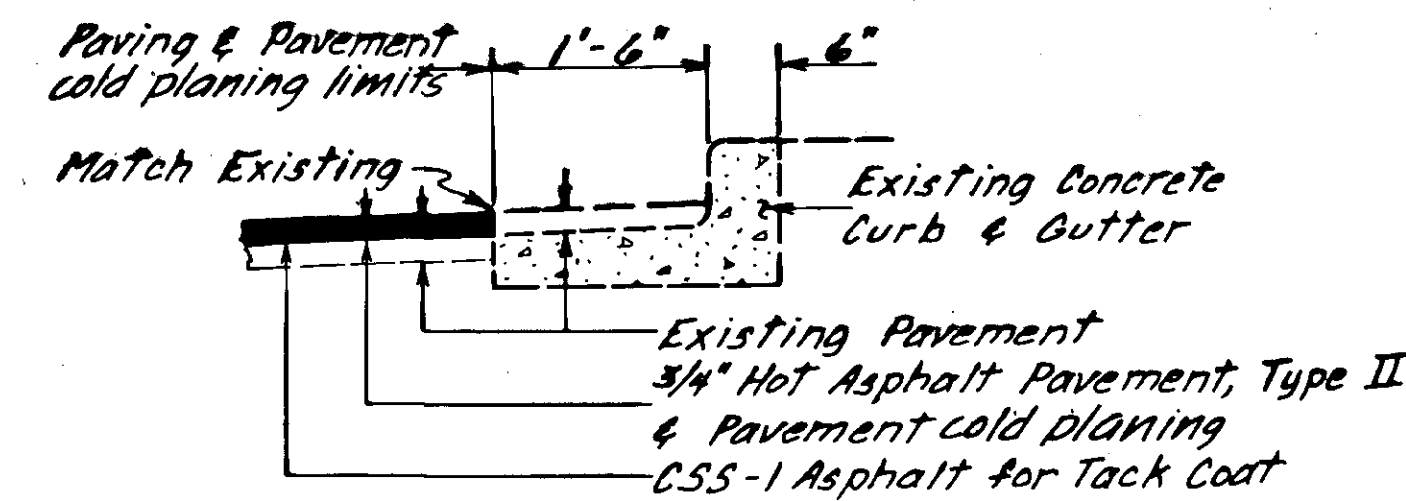
FOUR LANE DIVIDED WITH CURB & GUTTER
NO SCALE
MP 0.63 TO MP 1.73



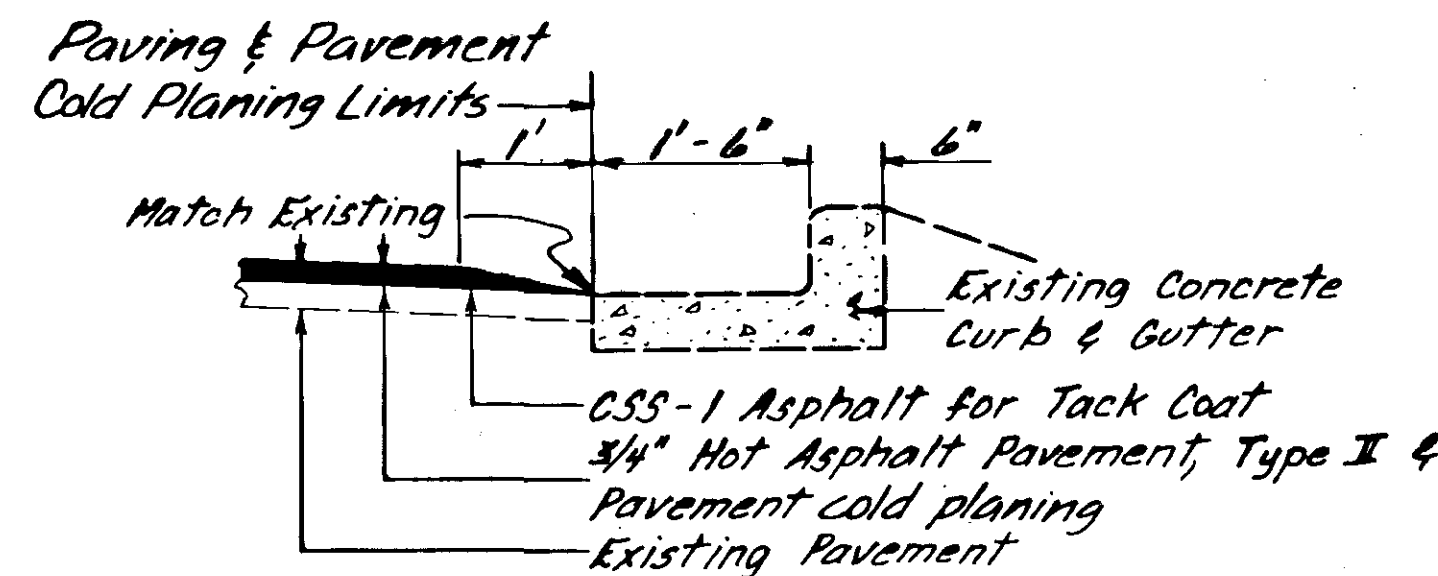
FOUR LANE DIVIDED WITH MEDIAN
NO SCALE
MP 1.73 TO MP 6.73
AND TO MP 8.35 TO MP 9.34 (E.O.P.)



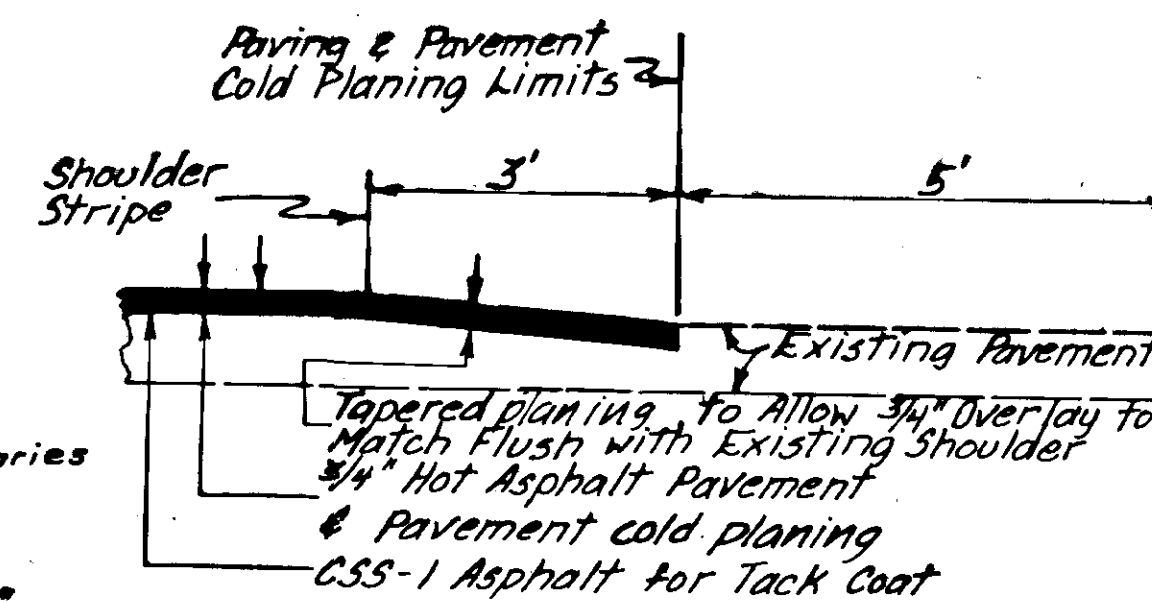
TYPICAL COLD PLANING SECTION
NO SCALE
MP 1.73 TO E.O.P.



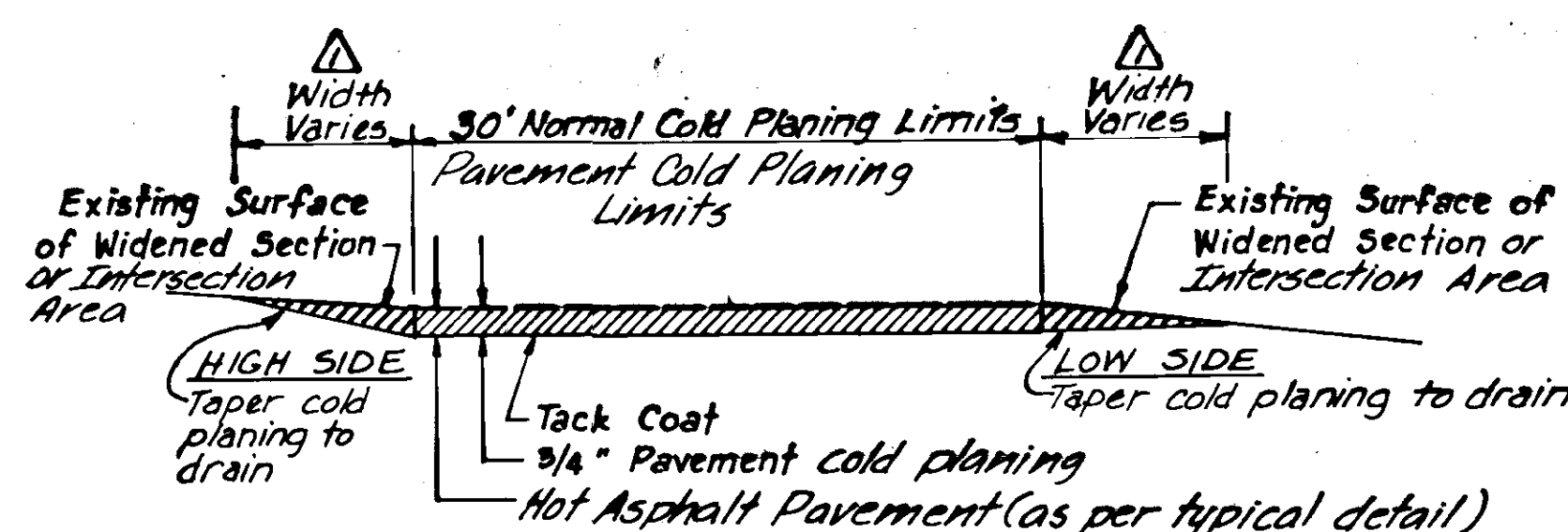
DETAIL "A"
NO SCALE



DETAIL "B"
NO SCALE



DETAIL "C"
NO SCALE



TYPICAL SECTION DETAIL AT INTERFACE WITH ACCELERATION & DECELERATION LANES AND INTERSECTIONS
NO SCALE

Note: See Intersection Details for areas and limits of cold planing at the intersections

GENERAL NOTES

- Plan Mile Post 1.16 equals CDS MP 0.00 on Route 296011 and CDS MP 38.68 on Route 296000.
- The Engineer will establish the exact beginning and ending segments for changes in the typical section construction. Transitions between typical section changes shall be made smoothly as approved by the engineer.
- No longitudinal pavement joints will be allowed in the driving lane or wheel paths on the 3/4 inch open graded asphalt concrete overlay.
- The engineer may require that the cold planing operation raise up over the traffic signal loop detectors if it is determined the 3/4 inch cold planing will damage the detector. Any damage to the detectors will be repaired by the contractor at the Department's expense. The contractor will be expected to make available the loop detector materials, wire & sealant within 24 hours of any damage and have repairs completed within 36 hours of any damage.
- All intersections will be paved as indicated by the detail on the pavement marking detail sheets.
- Paving & cold planing shall be continuous at all bridges.
- Thermoplastic pavement markings shall be installed for all dashed centerline striping. Refer to Striping Notes on Sheet 5.
- It shall be the contractor's responsibility to set control for paving, cold planing, thermoplastic, recessed pavement markers, & painted traffic markings from the existing lane center stripe, the inside pavement edge, or the curb & gutter line. The depth of the vertical cut shall be as detailed to obtain the desired uniform cross slope as indicated below.
- All cold planing operations shall commence on the lowest side of the roadway section to facilitate drainage. Cold planing operations shall end each days operation such that no longitudinal lip from cold planing operations remains on the pavements surface.
- Tapered cold planing at interface detail will be paid for under item 408 (1) pavement cold planing.
- The intent of the pavement reinforcing fabric is to install fabric in the badly cracked areas of the existing pavement structure. The engineer will mark the actual location 48 hours prior to paving operations in that area of the project.
- The material removed during the cold planing operations shall be stockpiled at the existing asphalt stockpile at the intersection of Egan Drive & Mendenhall Loop Rd, Milepost 9.0±.
- The engineer may direct the contractor to increase or decrease the depth of cold planing, or change the cross slope as necessary to remove the wheel ruts in the existing surface.
- Construction Schedule Limitations:
A. All asphalt concrete, Type II, shall be placed & constructed in accordance with the plans by October 15, 1988.
B. All cold planing for Item 408 (1) shall be completed by October 25, 1988.

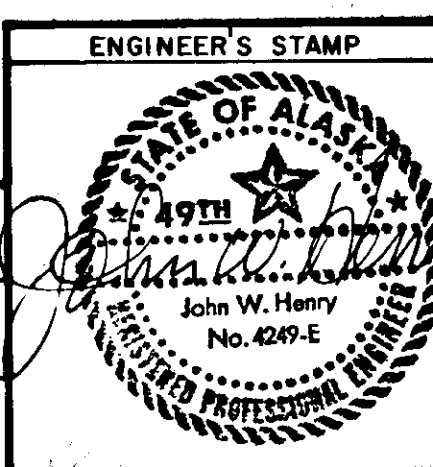
BY	DATE	DESCRIPTION OF CHANGE

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

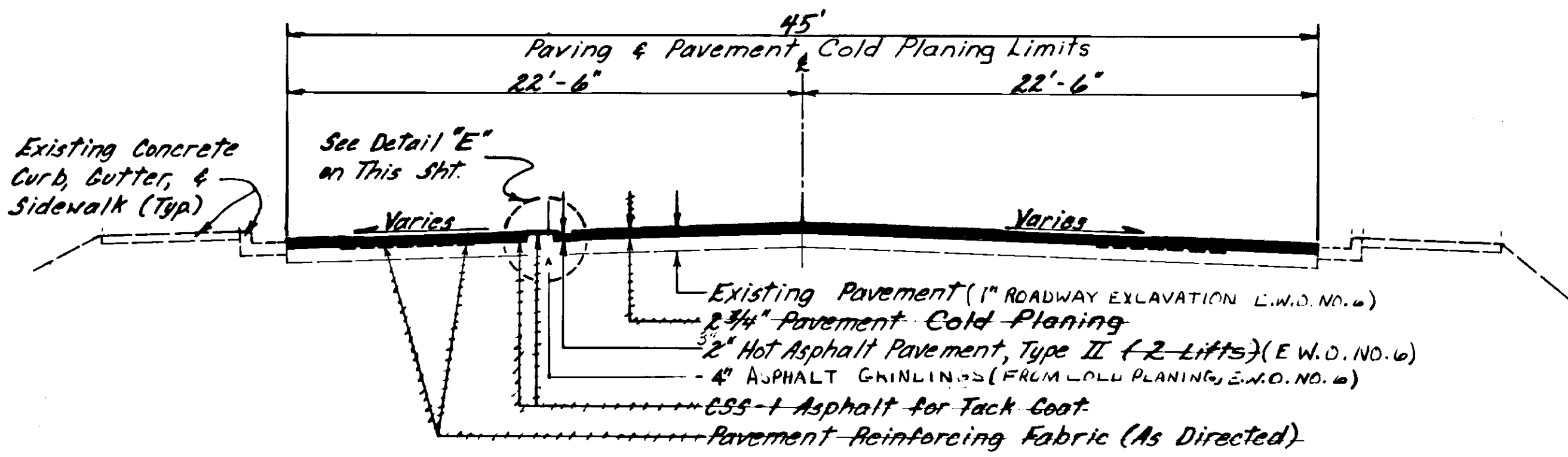
EGAN EXPRESSWAY
PAVEMENT REHABILITATION
F-093-2 (25)

APPROVED BY: *[Signature]* 6-28-88
DESIGNED BY: *[Signature]* 6-28-88
RECOMMENDED BY: *[Signature]* 6-28-88
DRAWN BY: *[Signature]* 6-28-88
CHECKED BY: *[Signature]* 6-28-88
PROJECT MANAGER: *[Signature]*

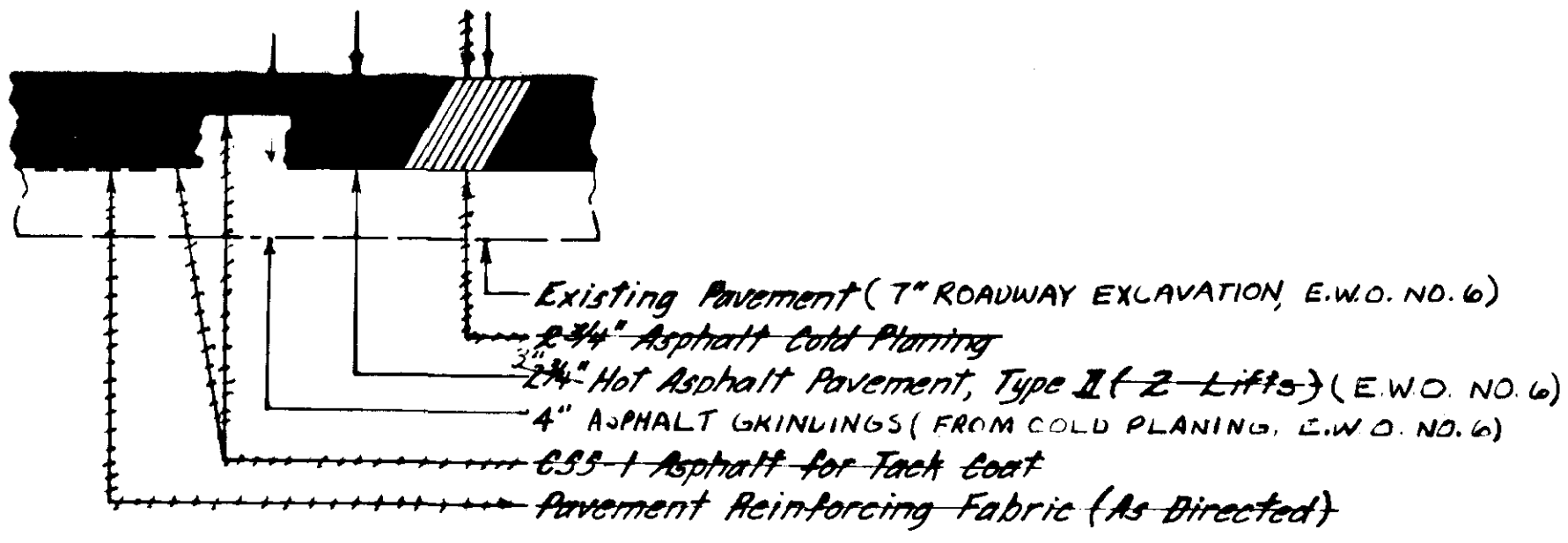
DESIGNED BY: TWM/MJC/DS
DRAWN BY: T.SANDERS/CLC
CHECKED BY: LM
SCALE: NONE
DATE: 9/26/89
SHEET 2 OF 11



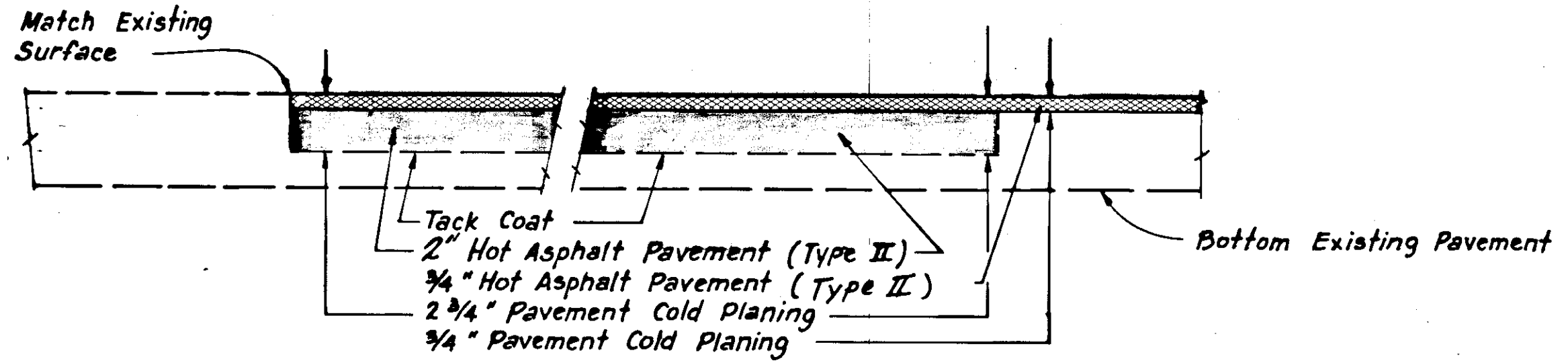
TYPICAL SECTIONS OF IMPROVEMENT



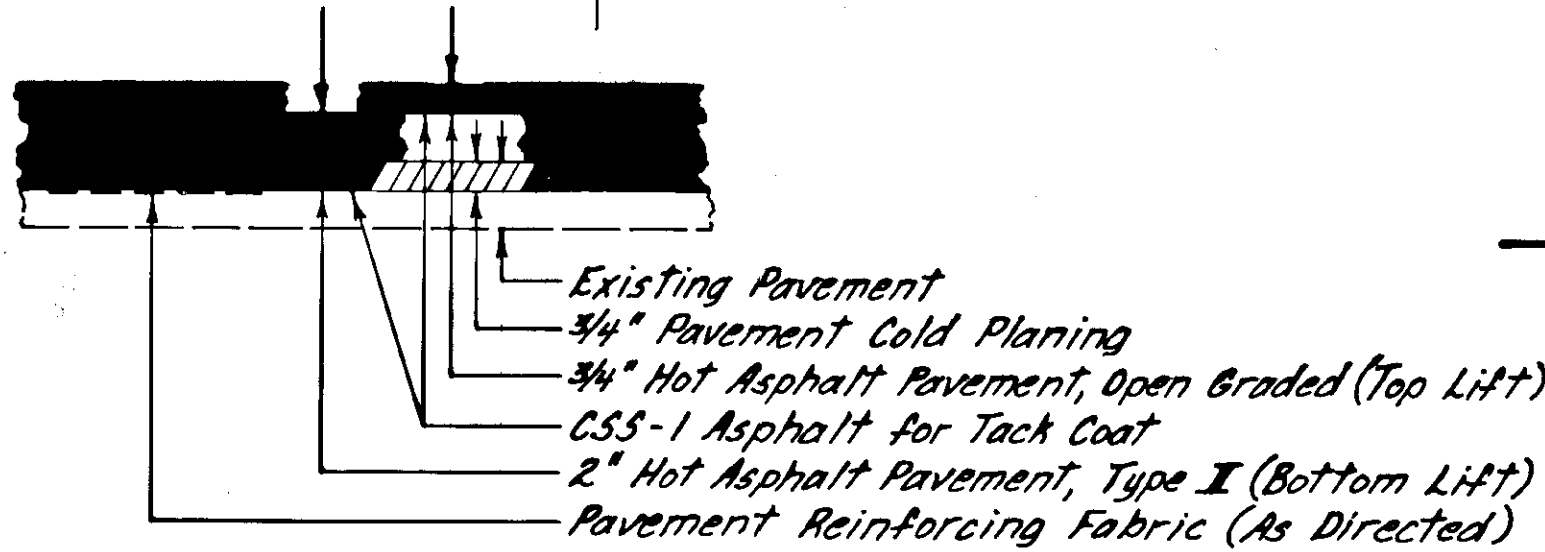
FOUR LANE UNDIVIDED
NO SCALE
MP 0.56 TO MP 0.63
(B.O.P.)



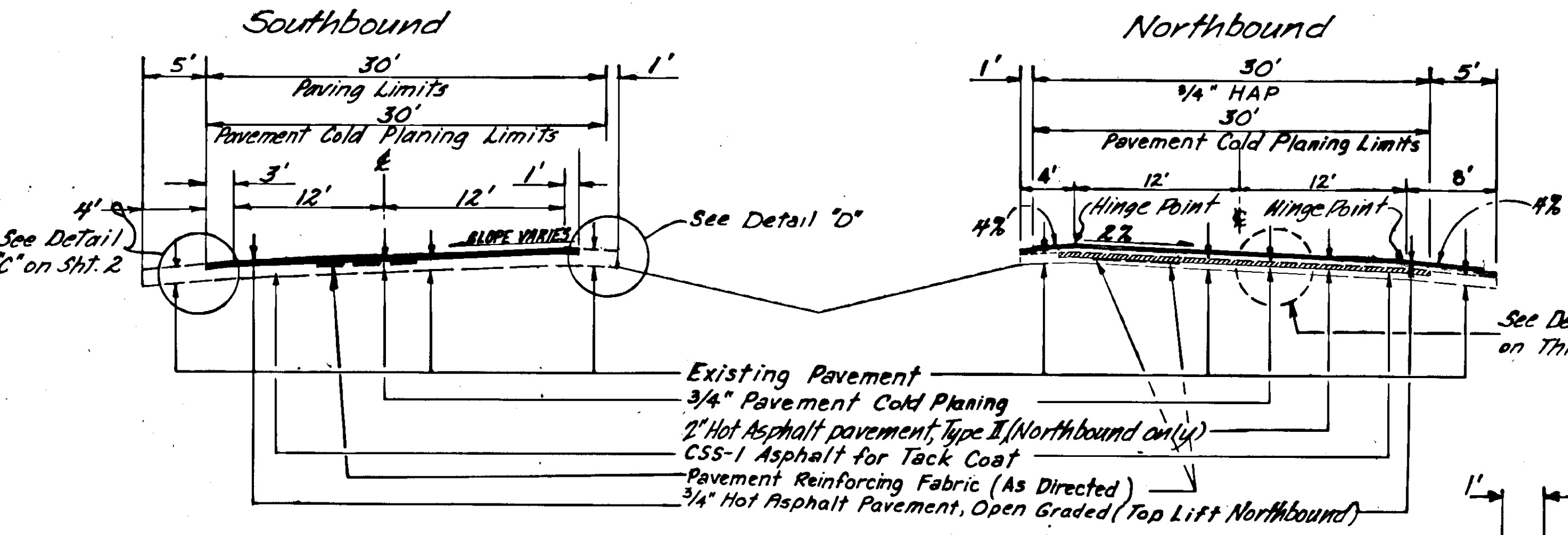
DETAIL 'E'
NO SCALE



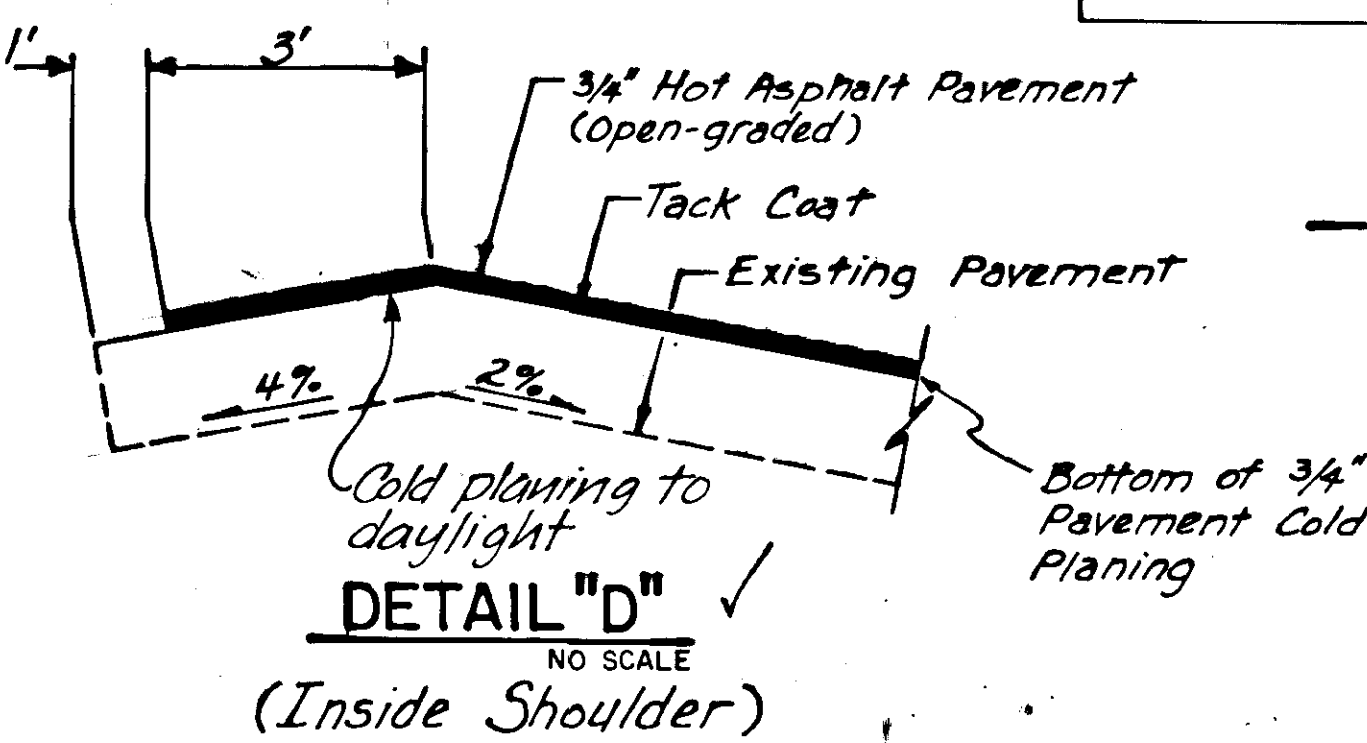
PAVEMENT TRANSITION DETAILS
NO SCALE
MP 0.56 AND MP 0.63



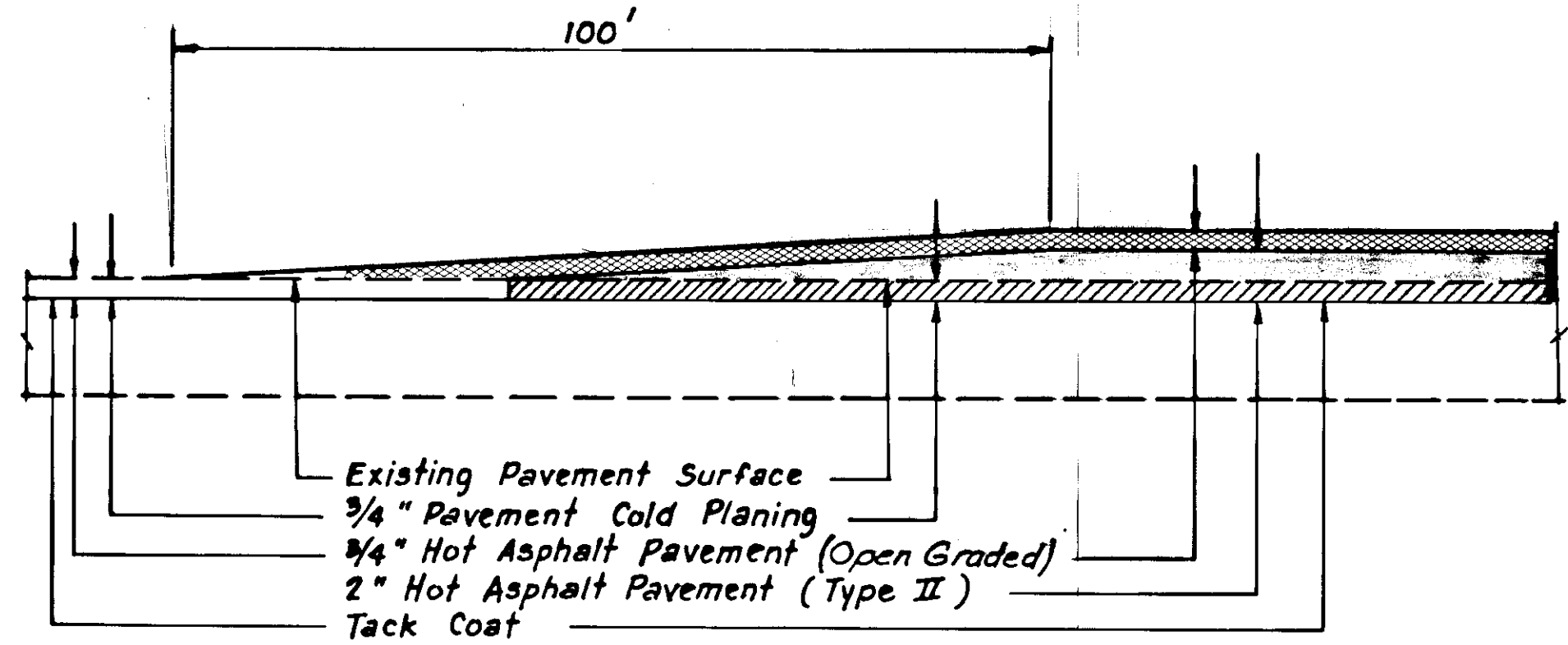
DETAIL 'F'
NO SCALE



FOUR LANE DIVIDED WITH MEDIAN
NO SCALE
MP 6.73 TO MP 8.35



DETAIL 'D'
NO SCALE
(Inside Shoulder)



PAVEMENT TRANSITION DETAILS
NO SCALE
MP 6.73 AND MP 8.35
(Northbound Lanes Only)

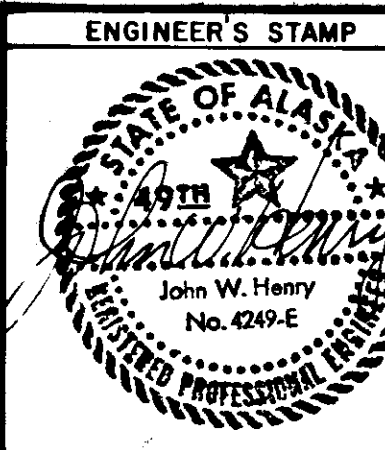
BY	DATE	DESCRIPTION OF CHANGE

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

EGAN EXPRESSWAY
PAVEMENT REHABILITATION
F-093-2 (25)

APPROVED BY: *[Signature]* DESIGN CHIEF 6-25-88
RECOMMENDED BY: *[Signature]* DESIGN ENGINEER, GROUP 2 6-28-88
PREPARED BY: *[Signature]* PROJECT MANAGER

DESIGNED BY: TWM / MJC/DS
DRAWN BY: T. SANDERS
CHECKED BY: LM
SCALE: NONE
DATE:
SHEET 3 OF 11



MONUMENT LOCATION SUMMARY ✓

TENTH TO MAIN STREET		
As Built Sta.	Location	Remarks
43+00	℄	2 MONUMENTS-TENTH ST.
47+25	℄	8TH ST.
47+63	℄	
53+61	℄	STREET TO FEDERAL BLDG.
66+88	℄	WHITTIER STREET
73+30	6' LT.	WILLOUGHBY
73+95	10' LT.	"
77+55	8' RT.	"
77+75	16' RT.	"
NORWAY POINT TO 7.1 MILE		
67+10	℄	CONNECT. TO OLD GLACIER HWY.
102+14.57	℄	" " " " "
P.O.C. 118+70.47	℄	OLD GLACIER HWY.
197+50.16	℄	LEMON CK. LOOP SOUTH END
261+64.49	℄	" " " " NORTH END
331+82.53	℄	CONNECT. TO OLD GLACIER HWY.
7.1 MILE TO BROTHERHOOD BRIDGE		
393+81.12	℄	LOOP ROAD
414+38.07		P.C. CURVE
419+55.15		P.T. CURVE
SEE NOTE NO. 1		

MANHOLE LOCATION SUMMARY ✓

TENTH TO MAIN STREET		
As Built Sta.	Location	Remarks
43+14	90' LT.	10TH ST.
43+14	40' LT.	10TH ST.
73+50	22' LT.	WILLOUGHBY
73+75	27' LT.	WILLOUGHBY
74+67	4' RT.	
74+70	15' LT.	
77+85	10' RT.	
78+25	10.5' RT.	
Norway Point to 7.1 mile		
13+75	13' RT.	SOUTHBOUND LANE
16+50	3' LT.	NORTHBOUND LANE
SEE NOTE NO. 1		

VALVE BOX LOCATION SUMMARY ✓

TENTH TO MAIN STREET		
As Built Sta.	Location	Remarks
42+90	℄	TENTH STREET
66+65	32' RT.	WHITTIER ST.
66+68	28' RT.	" "
66+86	42' RT.	" "
73+40	56' LT.	WILLOUGHBY ST.
74+67	3' RT.	" "
74+80	18' RT.	" "
78+67	2' LT.	" "
SEE NOTE NO. 1		

RPM SUMMARY (C.O. NO. 1)

INTERSECTION	QUANTITIES	
	N.B. LANES	S.B. LANES
GLACIER HIGHWAY	—	4
SALMON CREEK	31	25
VANDERBILT	33	20
SUNNY POINT	38	21
AIRPORT/VANDUKIN	54	52
NUGGET MALL	28	25
MEND. LOOP ROAD	38	8
TOTALS	222	155
	377	

ESTIMATE OF QUANTITIES

Item No.	Item	Unit	Project Total
109(2)	DBE & WBE ADJUSTMENTS	C.S.	ALL REQUIRED ✓
110(1)	MOBILIZATION	L.S.	ALL REQUIRED ✓
111(1)	TEMPORARY EROSION AND POLLUTION CONTROL	C.S.	ALL REQUIRED ✓
116(1)	FURNISHING & MAINTAINING FIELD OFFICE	L.S.	ALL REQUIRED ✓
116(2)	FURNISHING & MAINTAINING FIELD LABORATORY	L.S.	ALL REQUIRED ✓
401(A)	OPEN GRADED ASPHALT CONCRETE	TON	+2,000-12,485.02
401(B)	ASPHALT CONCRETE, TYPE II	TON	-5,100-4529.32
401(C)	ROADWAY RECONSTRUCTION	L.S.	ALL REQUIRED
401(2)	AC-20 ASPHALT CEMENT	TON	+200-868.95
402(1)	CSS-1 ASPHALT FOR TACK COAT	TON	+50-92.20
401(2A)	AC-20 ASPHALT CEMENT	TON	211.76
401(2B)	ANTI-SKID AGGREGATE	L.S.	ALL REQUIRED
408(1)	PAVEMENT COLD PLANING	S.Y.	-320,000-320,415.8
409(1)	TAPERED PLANING	L.F.	-72,000-75,825
632(1)	GEOTEXTILE, PAVING	S.Y.	-8,150-7,665.9
643(2)	TRAFFIC MAINTENANCE	L.S.	ALL REQUIRED ✓
643(3)	PERMANENT CONST. SIGNING	EACH/DAY	+300-1,092
643(4)	CONSTRUCTION SIGN	EACH/DAY	+150-887
643(2A)	SPECIAL MAINTENANCE	L.S.	ALL REQUIRED
643(5)	TYPE II BARRICADE	EACH/DAY	-700-1,208
643(4A)	SPECIAL CONSTRUCTION SIGNING	L.S.	ALL REQUIRED
643(7)	TRAFFIC CONE	EACH/DAY	-4,752-7,814
643(8)	DRUM	EACH/DAY	+305-3,469
643(9)	SEQUENTIAL ARROW PANEL, TYPE B	EACH/DAY	60-90
643(13)	TEMP PAVE. MARKINGS	STATION	3000-3,032.7
643(15)	FLAGGING	HOURL	-250-666
660(1A)	REPAIR TRAFFIC DETECTORS	L.S.	ALL REQUIRED
670(1)	PAINTED TRAFFIC MARKINGS	L.S.	ALL REQUIRED ✓
670(6)	THERMOPLASTIC PAVEMENT MARKINGS	L.S.	ALL REQUIRED ✓
670(8)	REMOVE RAISED PAVEMENT MARKERS	L.S.	ALL REQUIRED ✓
670(1A)	ADDITIONAL MAINTENANCE TRAFFIC MARKINGS	L.S.	ALL REQUIRED
670(9)	RECESSED PAVEMENT MARKERS	EACH	+1,009-1,334

ESTIMATE OF QUANTITIES & SUMMARY TABLES

NOTES

- SUMMARY TABLES ARE FOR BIDDING INFORMATION ONLY. ALL MANHOLES, MONUMENTS, VALVE BOXES, ETC. WILL BE FIELD LOCATED BY THE CONTRACTOR, PRIOR TO COLD PLANING OPERATIONS.
- ALL WORK INVOLVED WITH ADJUSTED APPURTENANCES SHALL BE CONSIDERED INCIDENTAL TO OTHER WORK OF THIS CONTRACT.

BASIS OF ESTIMATE

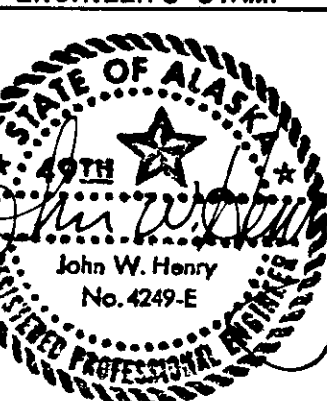
401 (1A)	108**/YD ² /IN DEPTH (OPEN GRADED)
401 (1B)	116**/YD ² /IN DEPTH (TYPE II)
401 (2)	7.5% OF 401 (1A) (OPEN GRADED)
401 (2)	6.0% OF 401 (1B) (TYPE II)
402(1)	0.10 GAL./SQ. YD. ² /253 GAL./TON

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

EGAN EXPRESSWAY
PAVEMENT REHABILITATION
F-093-2 (25)

APPROVED BY: <i>Chenell</i>	DESIGN CHIEF 6-25-88 DATE	DESIGNED BY: T.W.M./MJC/DS	SCALE: NONE
RECOMMENDED BY: <i>John W. Henry</i>	DESIGN ENGINEER, GROUP 2 6-28-88 DATE	DRAWN BY: W.D.A. C.S.A.	DATE:
PREPARED BY: <i>Tracy M. Hays</i>	PROJECT MANAGER	CHECKED BY: LM	SHEET 4 OF 11

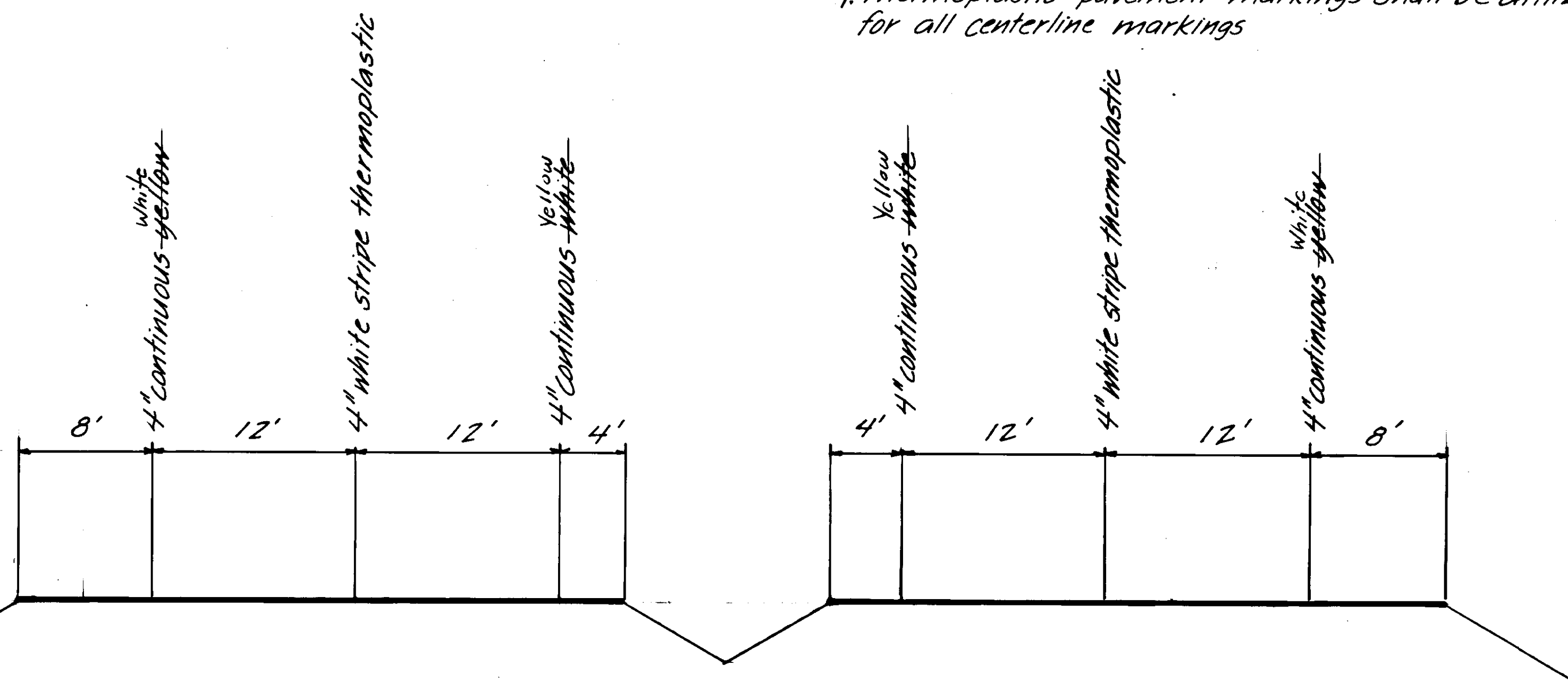
ENGINEER'S STAMP



GENERAL NOTES: Striping and Vehicle Detection

1. Temporary striping shall consist of restoring the existing centerline, inside shoulder and outside shoulders, stop bars, and cross-walks or otherwise directed by the engineer, on all work that is to remain uncompleted through the winter shutdown. Payment for this work shall be in accordance with SECTION 643. of the Special Provisions.
2. Temporary centerline striping shall be installed immediately after pavement cold planing and paving operations unless otherwise directed by the engineer. All other temporary markings shall be restored within 48 hours, weather depending.

3. All striping shall be 4" width unless otherwise noted on the plans.
4. All painted traffic markings shall be painted in accordance with Standard Drawing T-20.00, T-21.01, T-22.01 and the Manual on Uniform Traffic Control Devices.
5. In the event of Traffic detectors being put out of service due to construction activities, the contractor shall have on hand, loop detector wire and an approved two part epoxy loop sealant.
6. The loop detector wire shall have its own PVC ducting, the wire shall be #14 A.W.G. stranded T.H.H.N. (U.L.) 600 V. The ducting shall be ULFR-1 rated 105° C, wall thickness .031", inner diameter nom. .186", moisture, chemical & oil resistant.
7. Thermoplastic pavement markings shall be utilized for all centerline markings.



TYPICAL STRIPING DETAIL

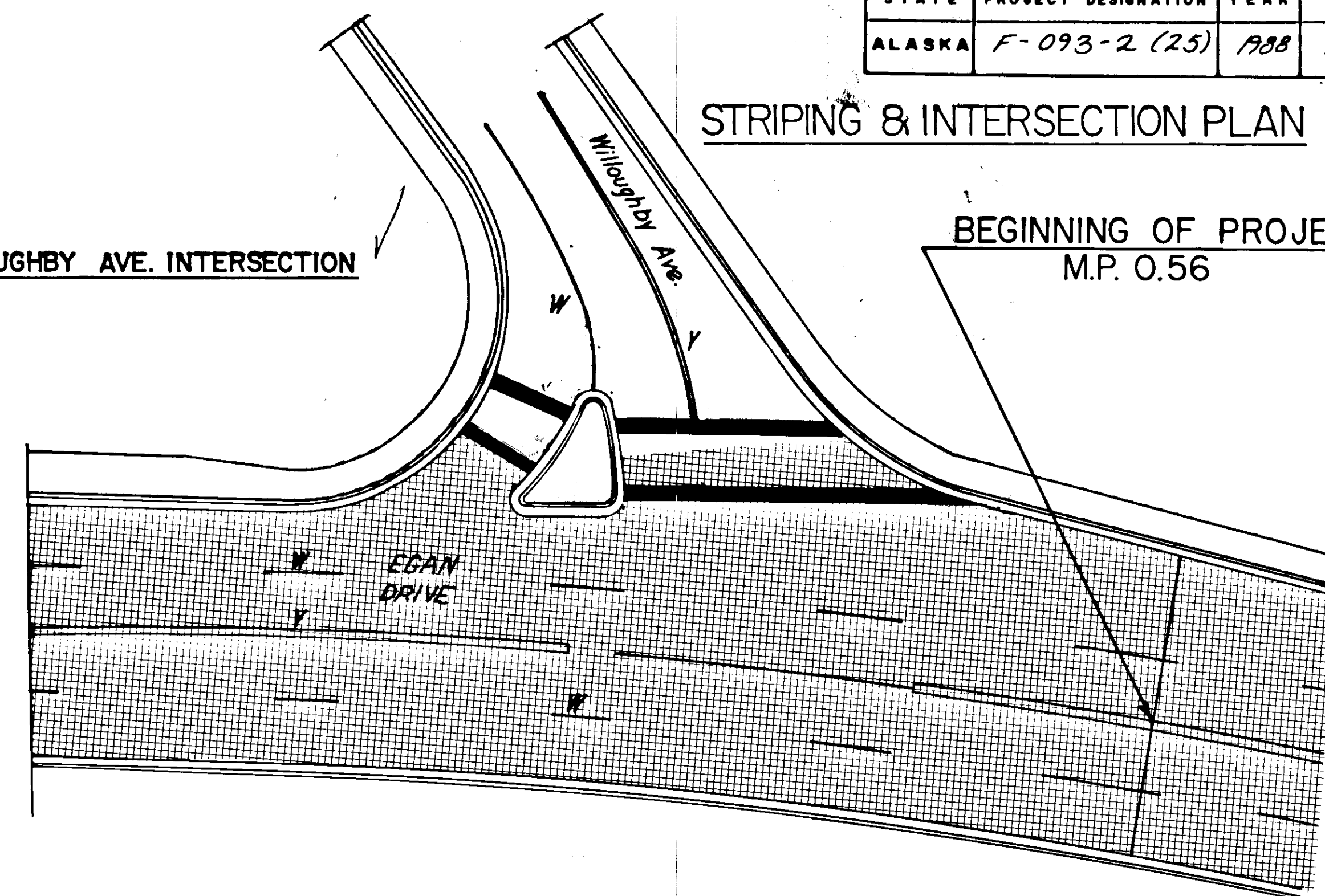
FOUR LANE DIVIDED
1.73 TO 9.34
NO SCALE

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F-093-2 (25)	1988	5	11

STRIPING & INTERSECTION PLAN

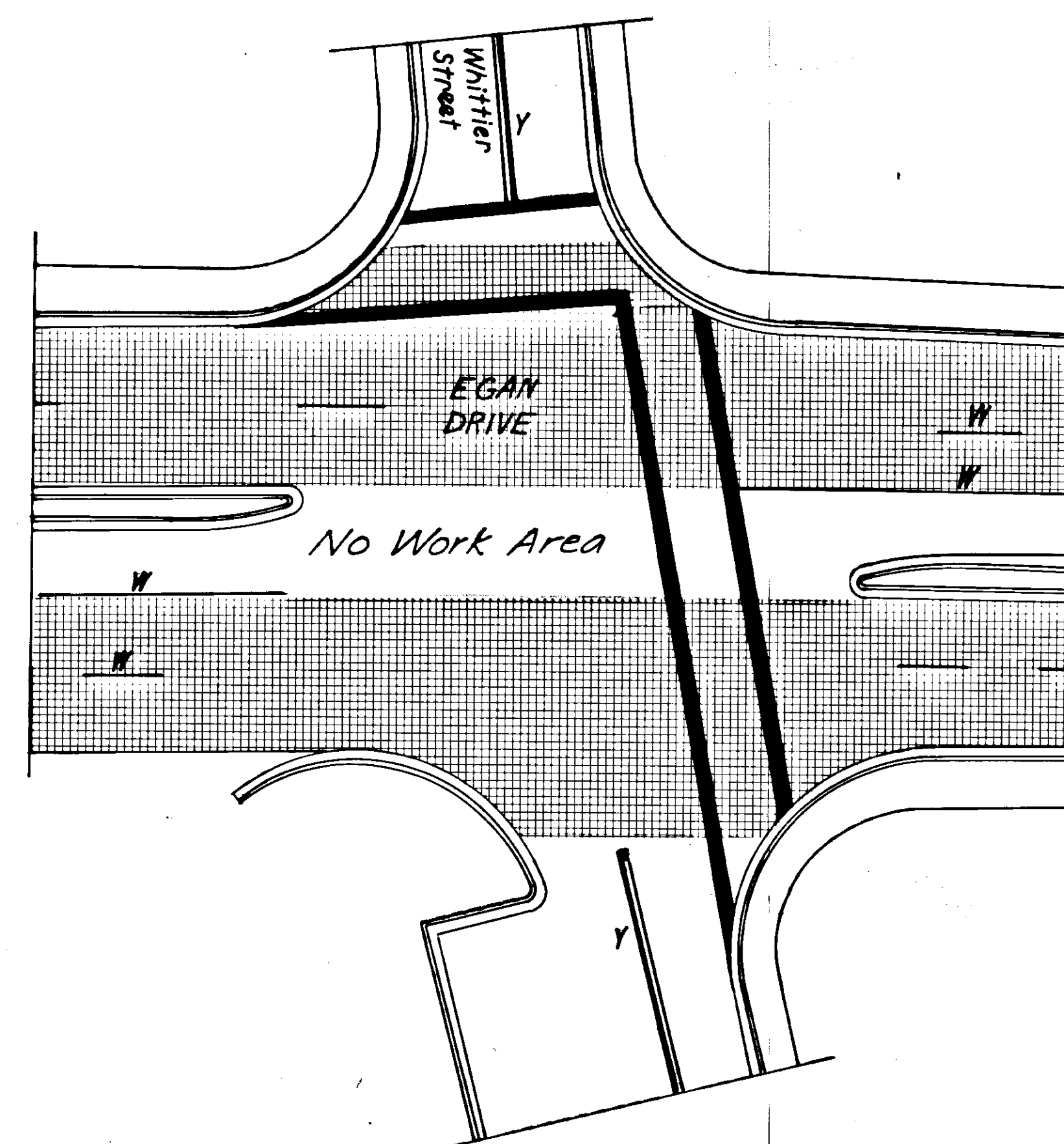
WILLOUGHBY AVE. INTERSECTION

BEGINNING OF PROJECT
M.P. 0.56

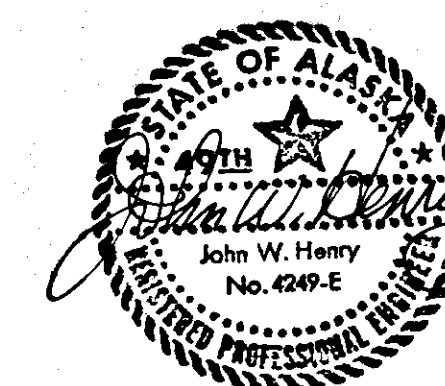


WHITTIER STREET INTERSECTION

Denotes Pavement
Cold Planing and
Paving Limits~

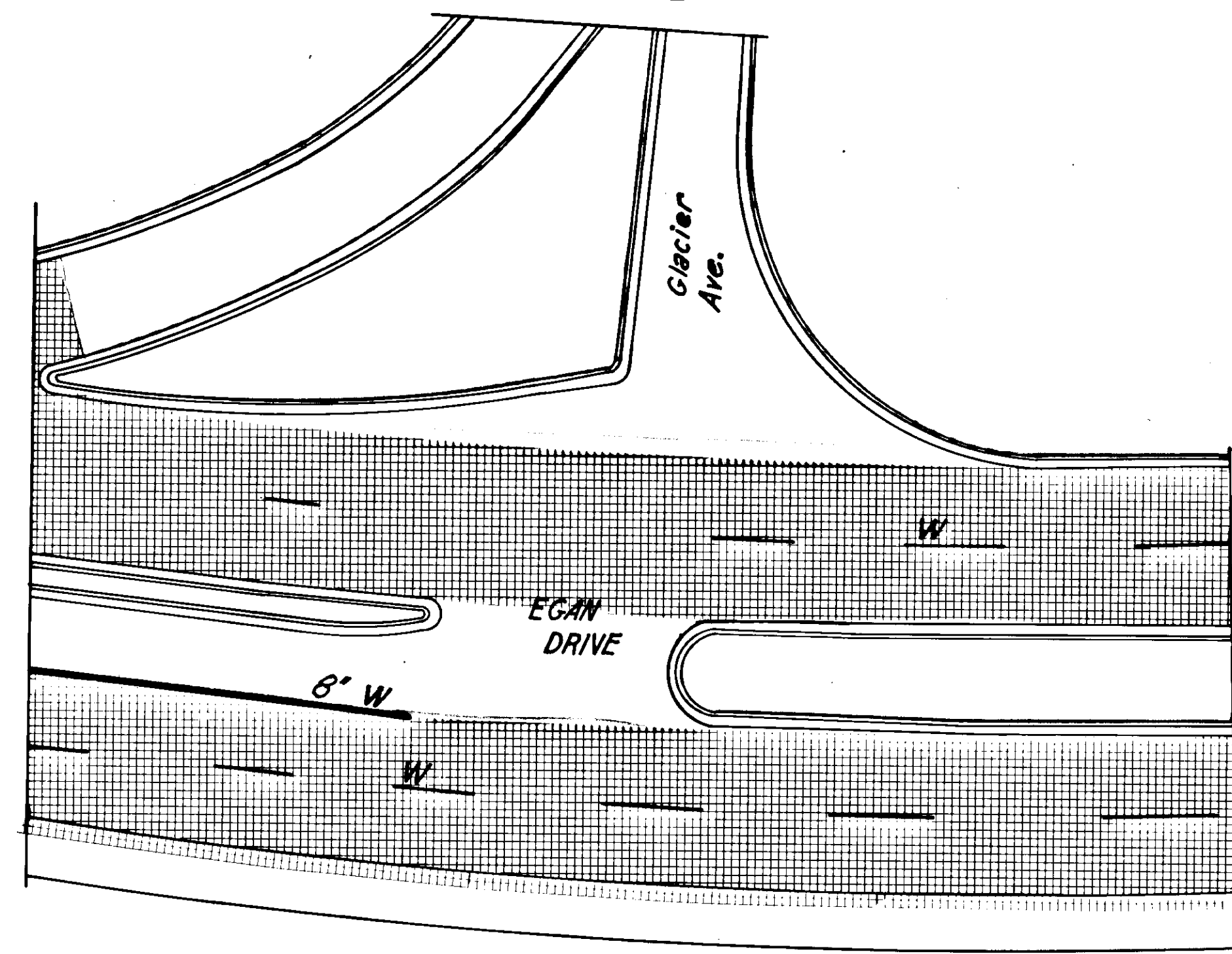


208 9/26/09



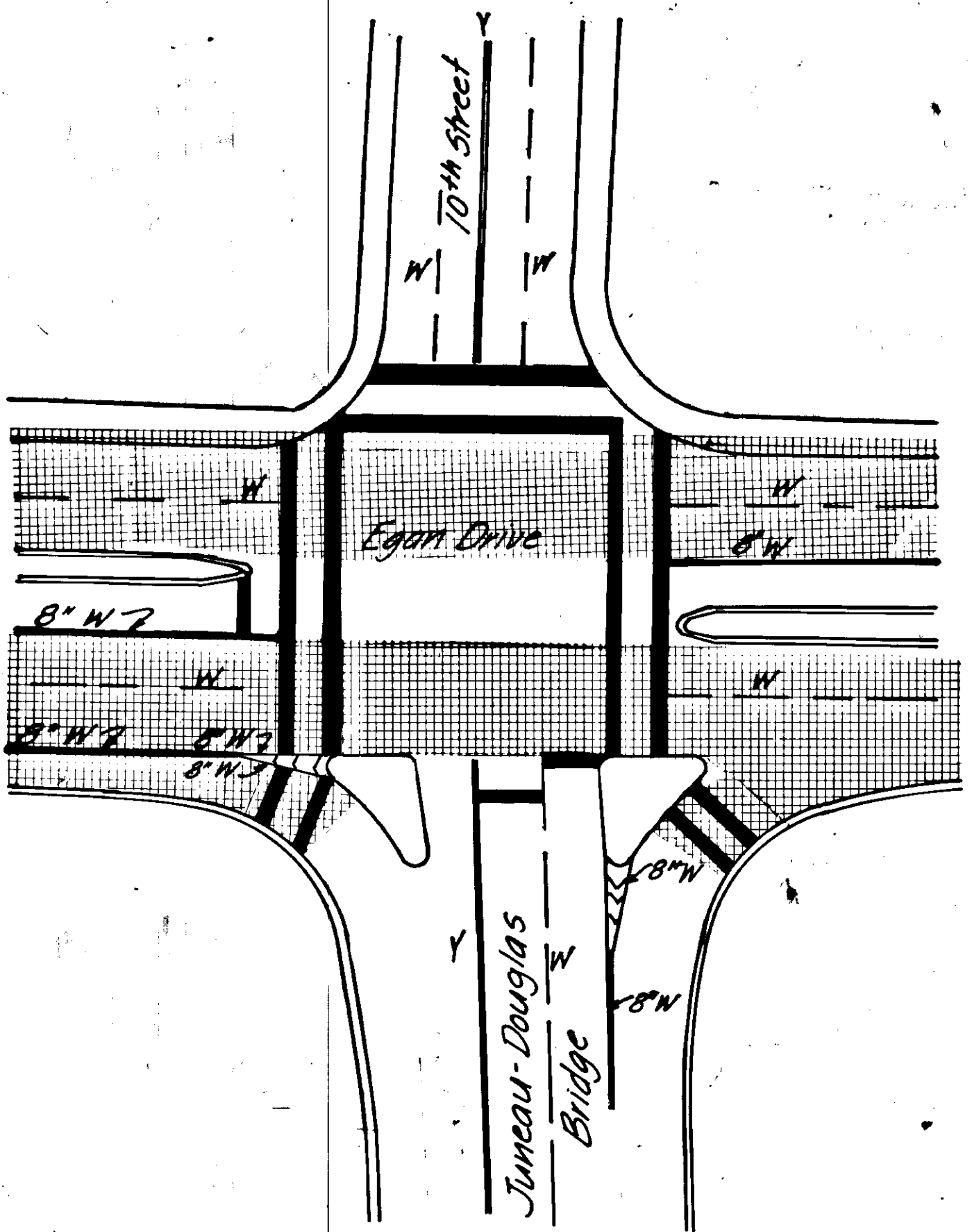
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F-093-2(25)	1988	6	11

GLACIER AVE. INTERSECTION ✓

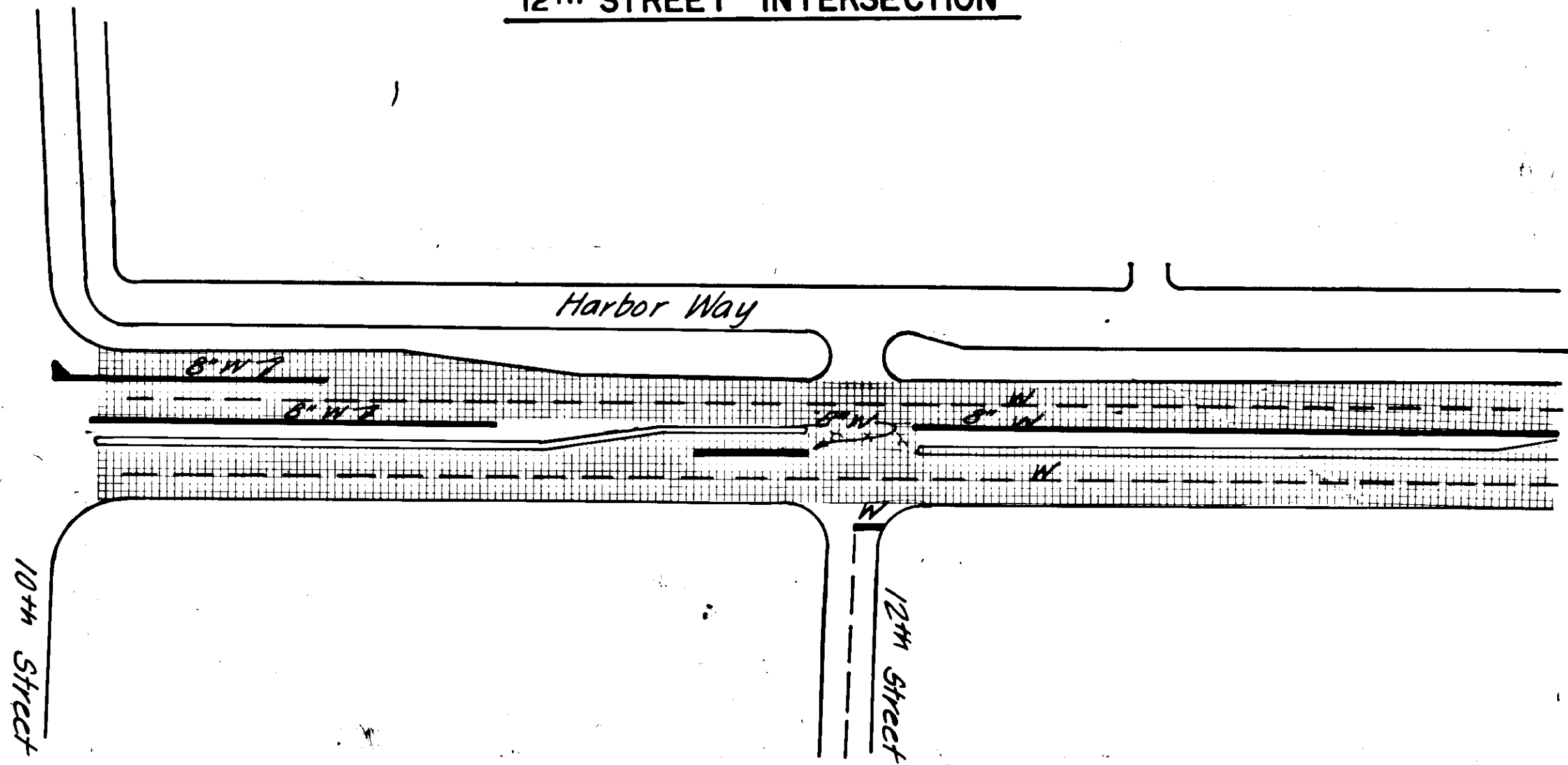


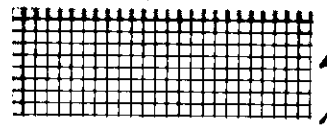
STRIPING & INTERSECTION PLAN

10th STREET INTERSECTION ✓

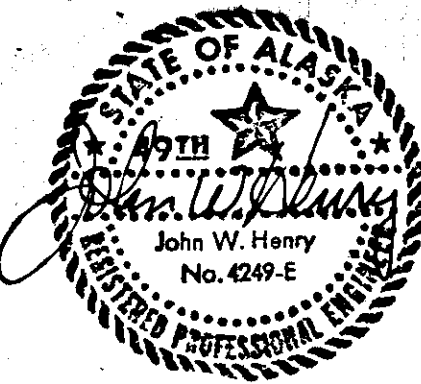


12th STREET INTERSECTION

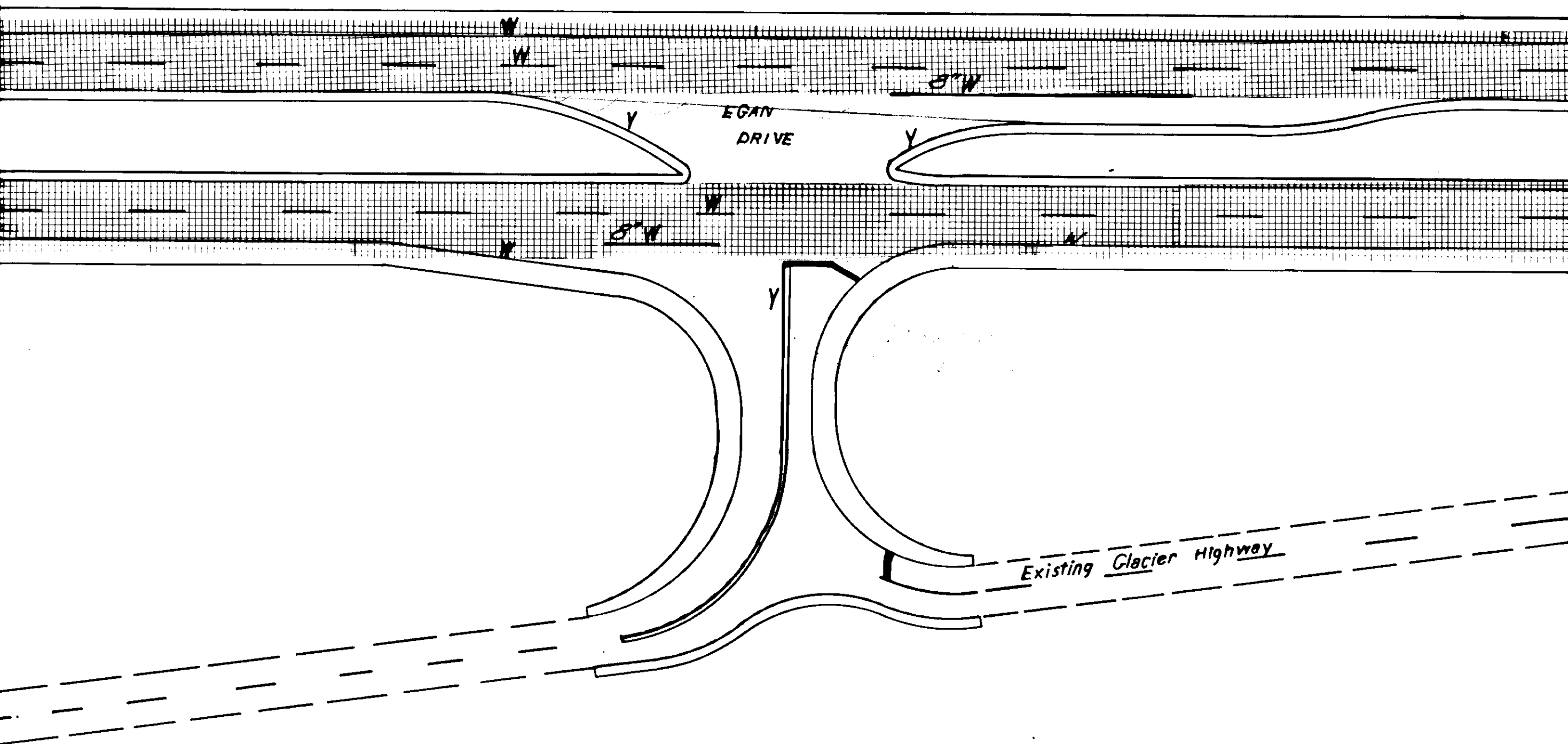


 Denotes Pavement Cold Planing and Paving Limits.

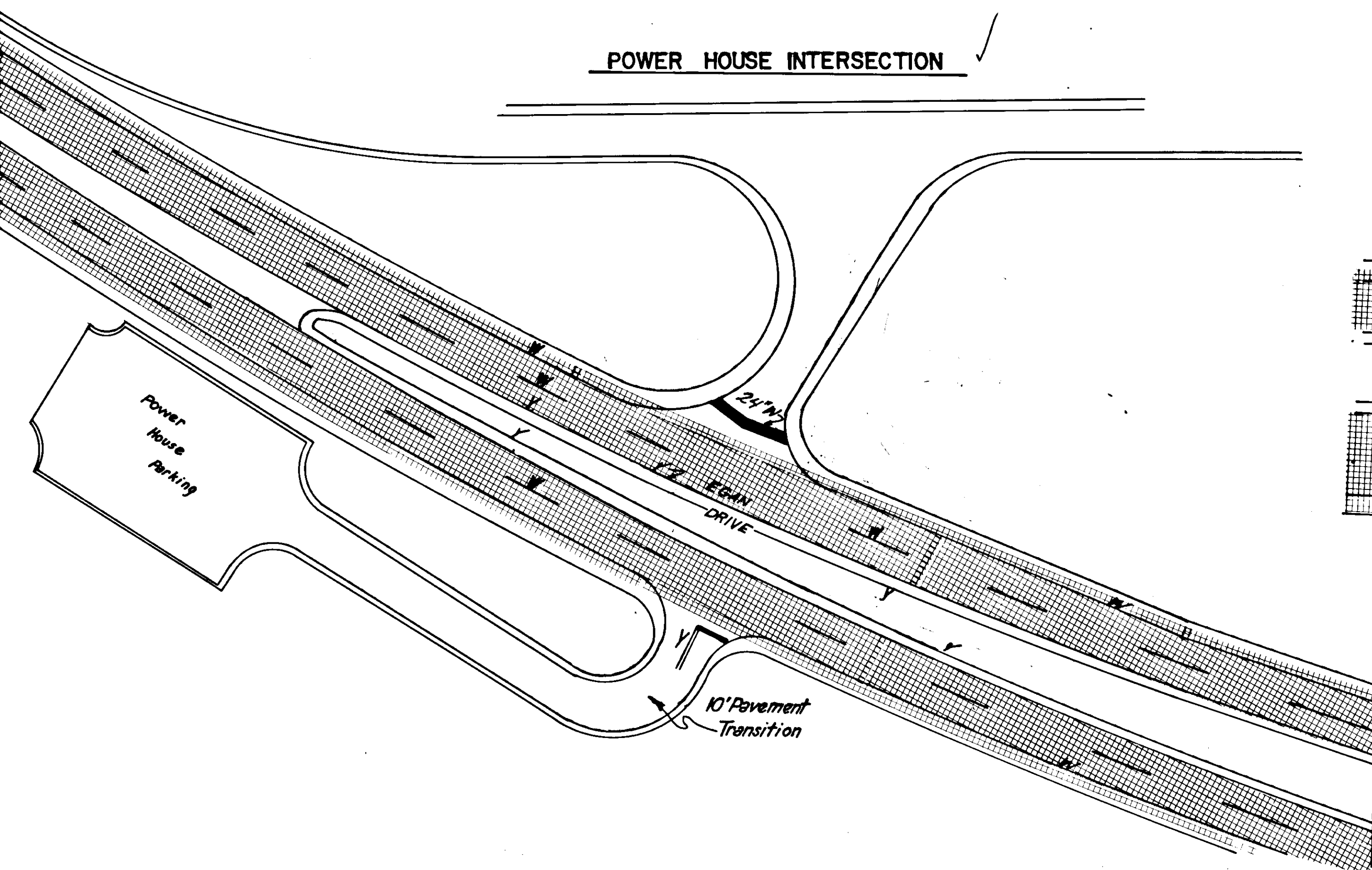
9/28/89



GLACIER HIGHWAY INTERSECTION

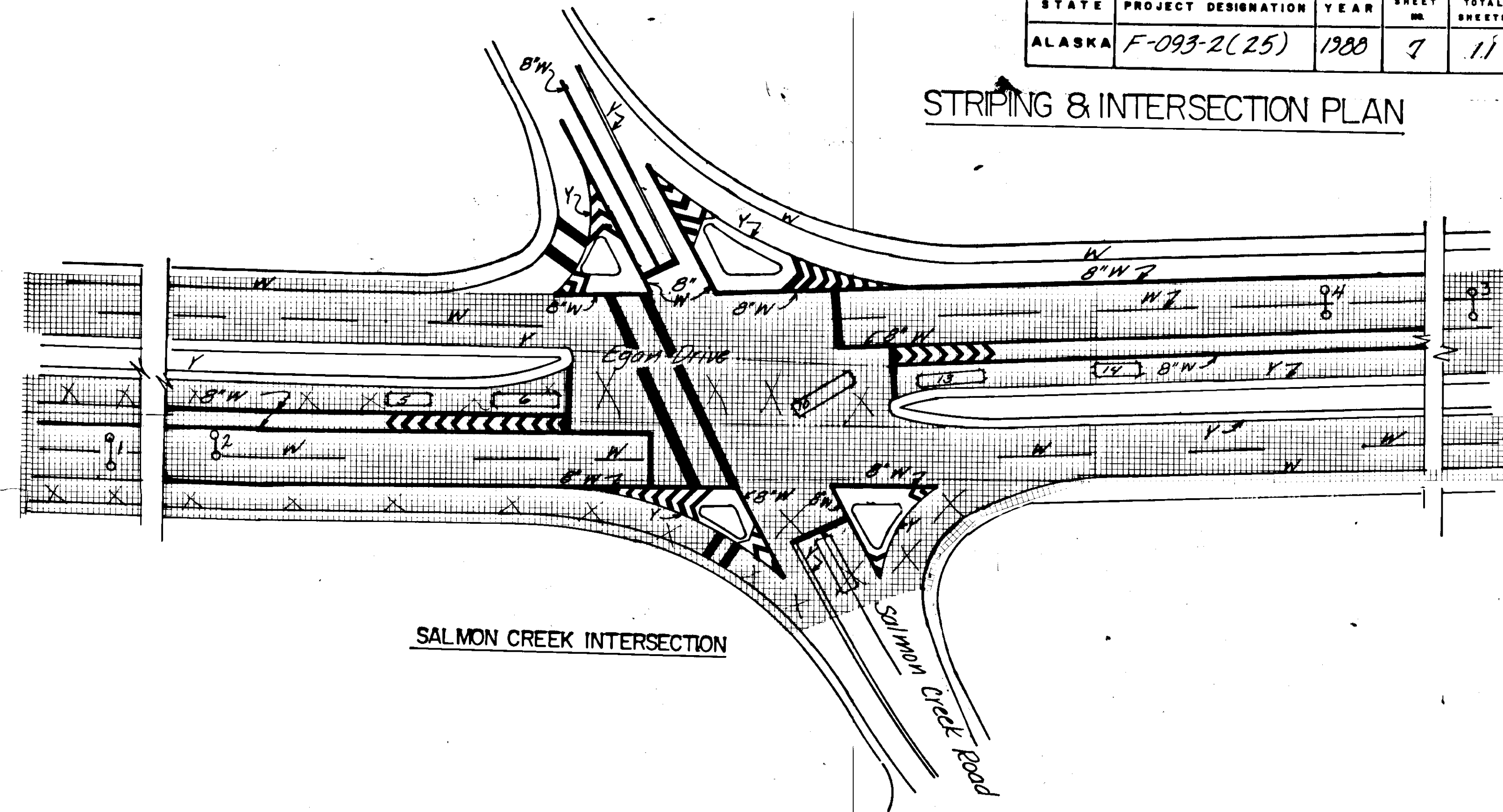


POWER HOUSE INTERSECTION



STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F-093-2(25)	1988	7	11

STRIPING & INTERSECTION PLAN

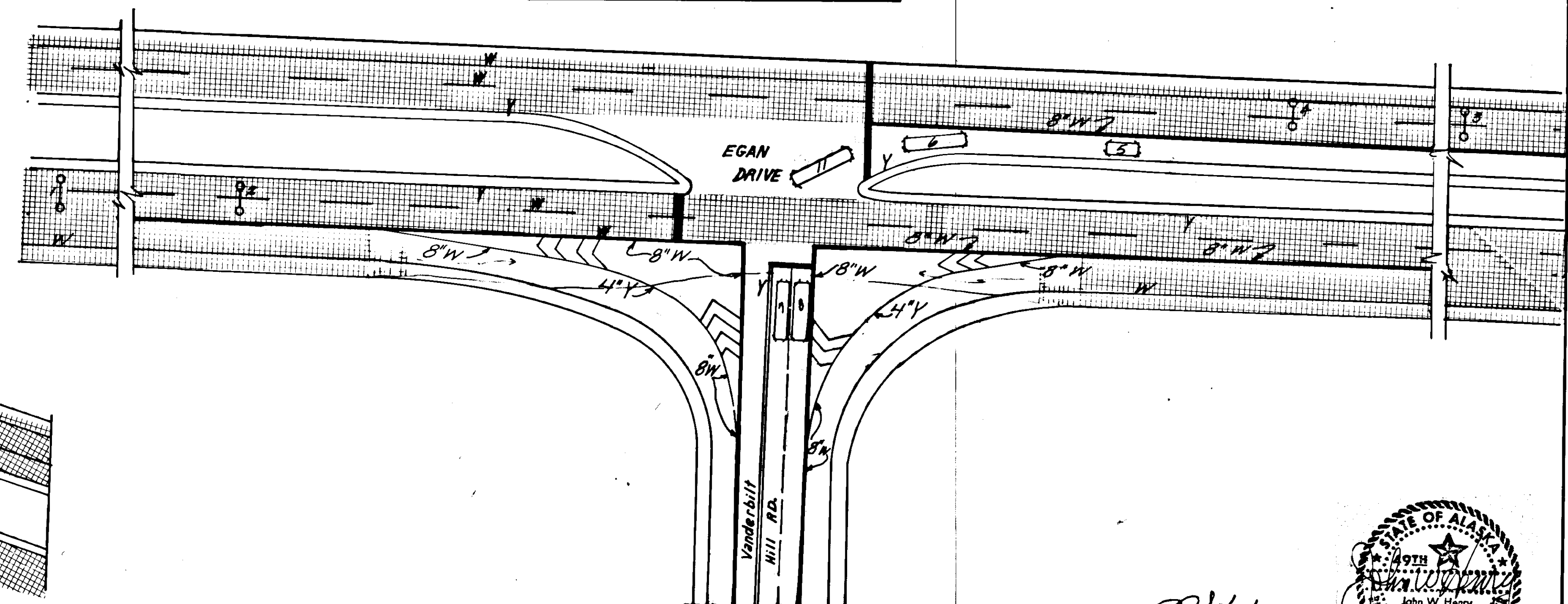


SALMON CREEK INTERSECTION

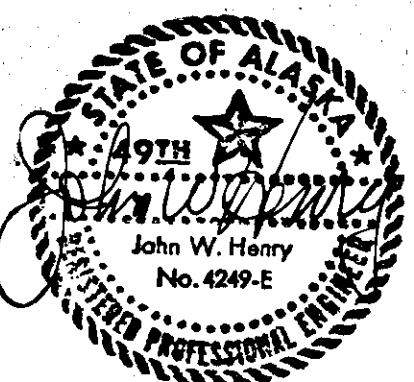
Indicates approximate location of Traffic Signal loop detection.

Denotes Pavement Cold Planing and Paving Limits.

VANDERBILT HILL INTERSECTION

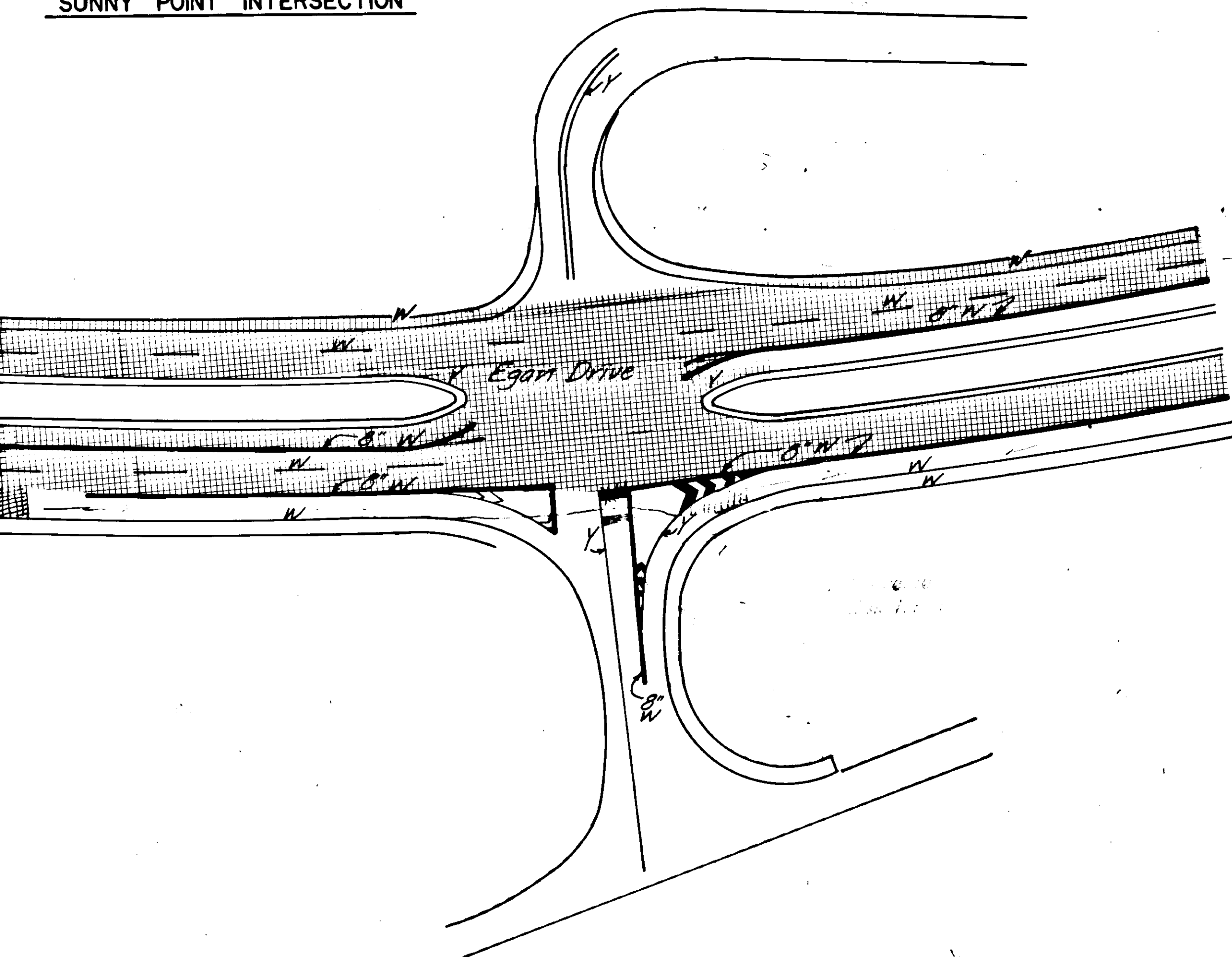


2/2/89

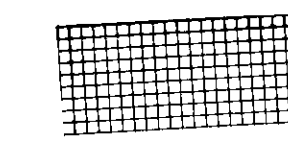


STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F-093-2(25)	1988	8	11

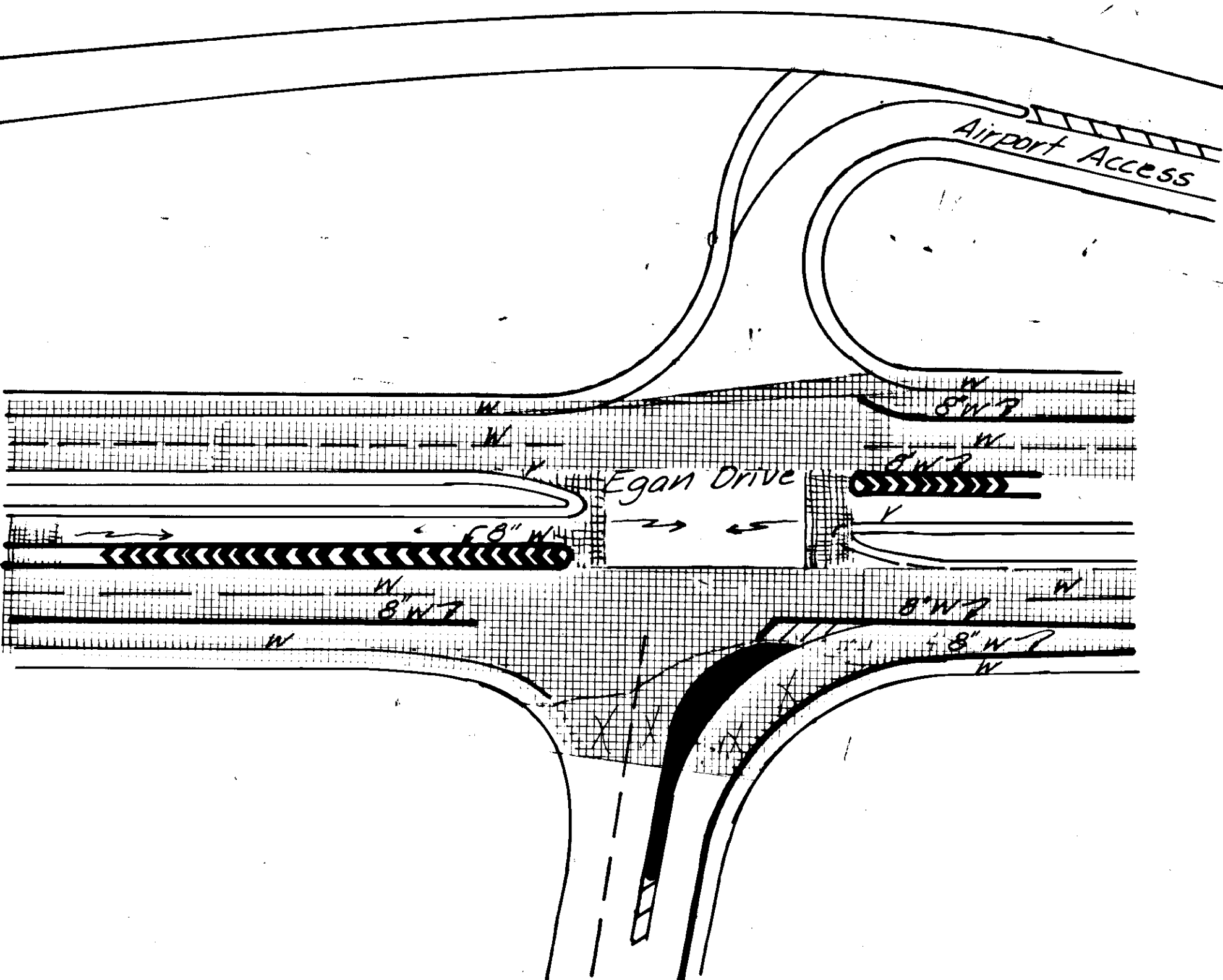
SUNNY POINT INTERSECTION



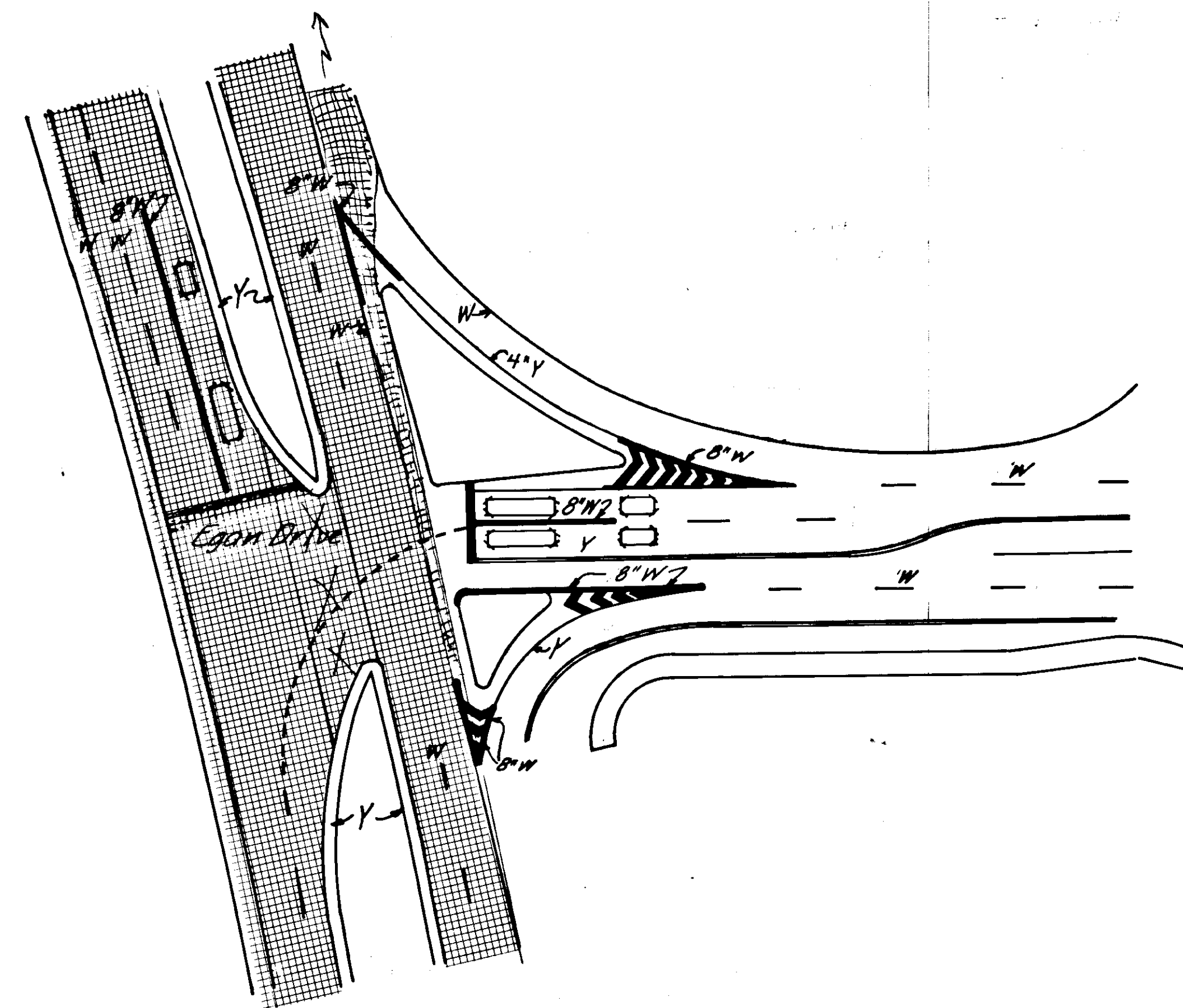
STRIPING & INTERSECTION PLAN

 Denotes Pavement Cold Planing & Paving limits.

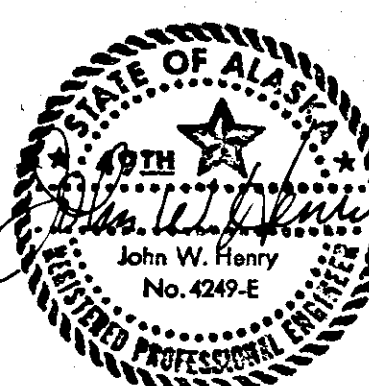
AIRPORT INTERSECTION



NUGGET MALL INTERSECTION



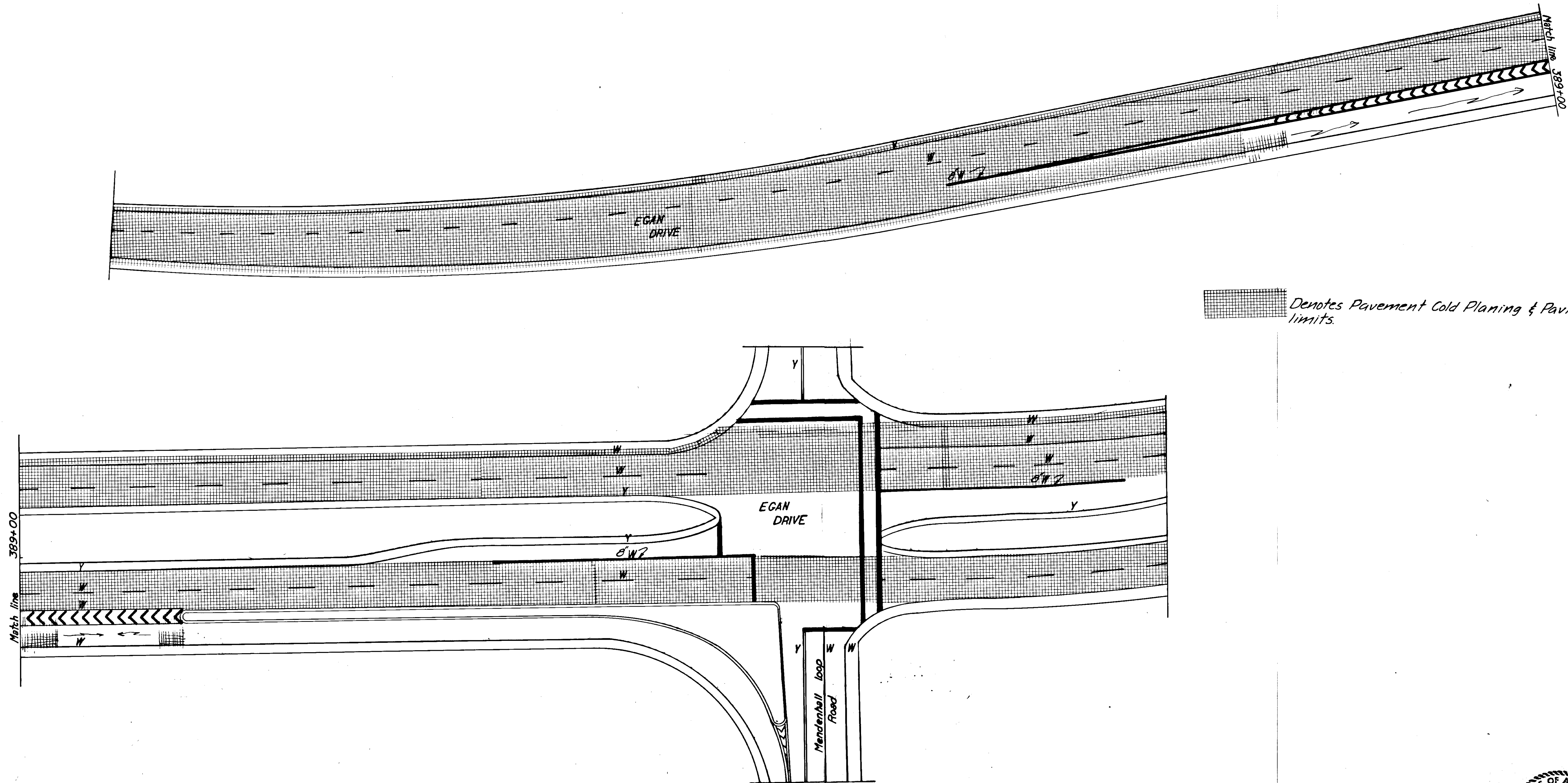
4/22/89



STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	F-093-2(25)	1988	9	//

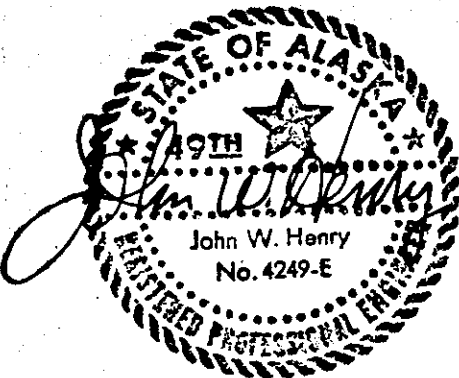
STRIPING & INTERSECTION PLAN

LOOP ROAD INTERSECTION



Denotes Pavement Cold Planing & Paving limits.

9/20/88

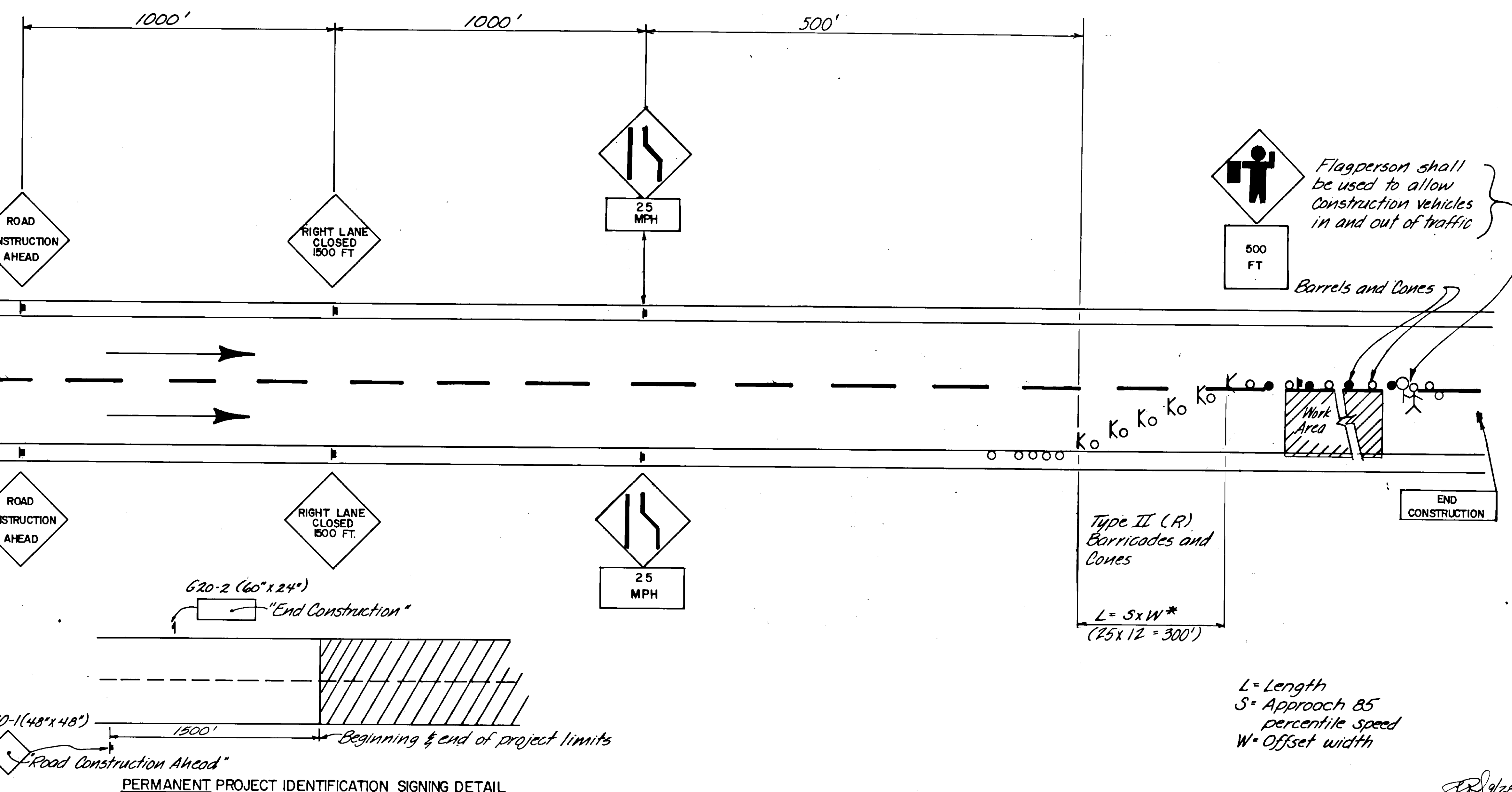


TRAFFIC CONTROL PLAN

NOTES

- 2-lane traffic shall be maintained from 7:00 a.m. to 9:00 a.m. Southbound, and 4:00 p.m. to 6:00 p.m., Northbound on Egan Drive, Monday thru Friday.
- 1-lane traffic will be maintained at all times, both on Egan Drive Northbound lanes and Southbound lanes.
- Prior to public announcement, permission to close city streets or to use city streets for detours shall be obtained in writing from the City Manager and the pertinent local fire chiefs.
- Prior to all work on roadways and prior to all closures and detours, the Contractor shall submit to, and receive back from the project engineer, approved, a detailed traffic maintenance plan. The plan shall show the exact location of signs, barricades, cones, flag persons and other traffic control devices.
- 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. Any traffic control devices in place on the roadway during non-working hours shall also be maintained. See Section 643-103 for additional requirements.
- This typical plan will be reversed for left lane closure.
- The contractor shall schedule his operations between the B.O.P & M.P.O.63 such that all areas of removed pavement will be repaired full depth by the end of that days work.
- Signing shall be in place only when the conditions exist for which the signs are intended.
- The contractor shall keep the public informed of his construction activities through the use of the local news media. Advance notice of road closures and detours shall be published in the local newspaper and broadcast over the local radio and T.V. stations on the Friday and day preceding each activity. The newspaper notice shall contain a vicinity map showing available detour routes. The media notice shall be approved by the engineer prior to its use.
- When a road or intersection closure is required, the contractor (in accordance with SECTION 643-303 of the Specifications) prior to closing the roadway to vehicle traffic, shall have notified the following agencies & received written approvals:

- State Troopers - "A" Detachment Commander and the Juneau Post Commander.
- Chief of Police - City & Borough of Juneau
- Coordinating Fire Chief - City & Borough of Juneau
- School bus coordinator (if school in session)
- Manager - City of Juneau
- Public Works Director - C.B.J.



DATE	DESCRIPTION OF CHANGE

APPROVED BY: [Signature] 6-25-88 DESIGNED BY: [Signature] 6-25-88 DRAWN BY: [Signature] CHECKED BY: [Signature] PROJECT MANAGER: [Signature] LEAD DESIGNER: [Signature]	DESIGN CHIEF DESIGN ENGINEER, GROUP 2 DATE	SCALE: None DATE: 6-25-88 SHEET 10 OF 11
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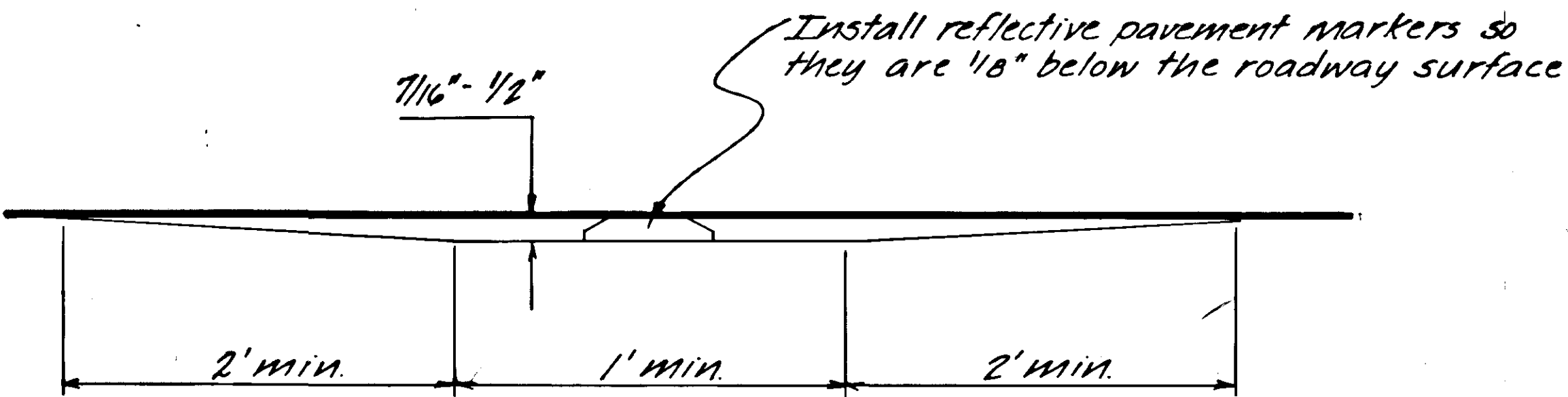
TRAFFIC CONTROL PLAN CONTINUED

11. The construction sign summary shown on this sheet is to be used for cost estimating only. Other signs may be required by the engineer, or used at the contractor's option with prior approval by the engineer.

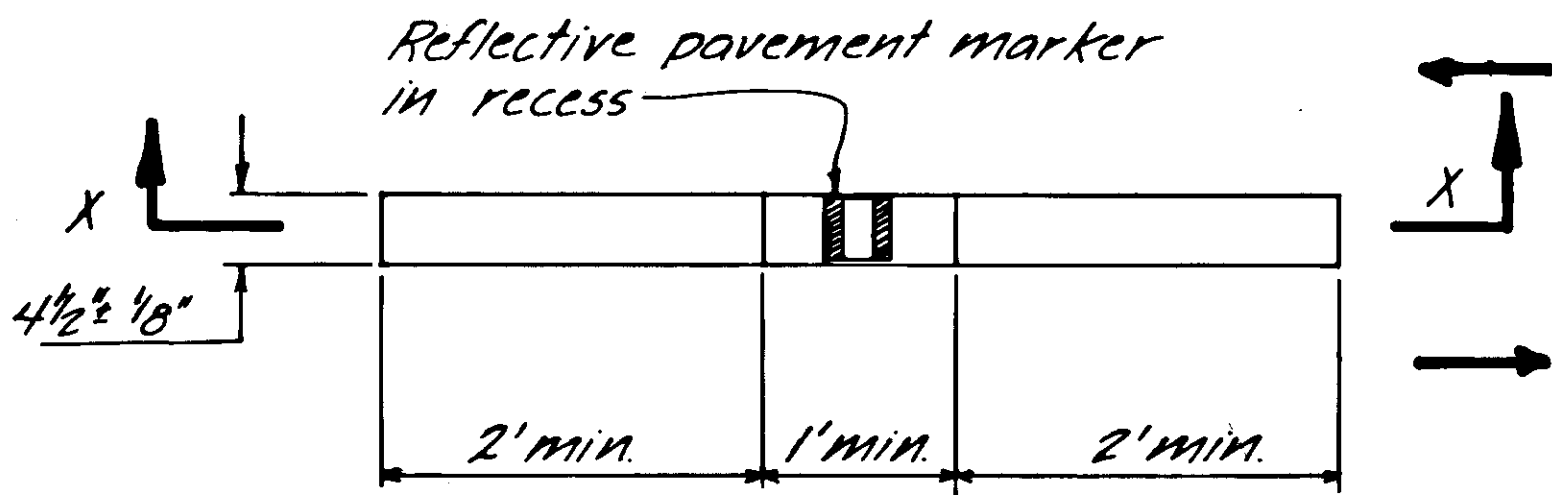
12. No longitudinal pavement joint shall remain along the project for more than 12 hours. The contractor shall stage his operations such that all paving will be brought even to form a single temporary transverse joint.

13. Maintenance of all detour routes is the responsibility of the contractor.

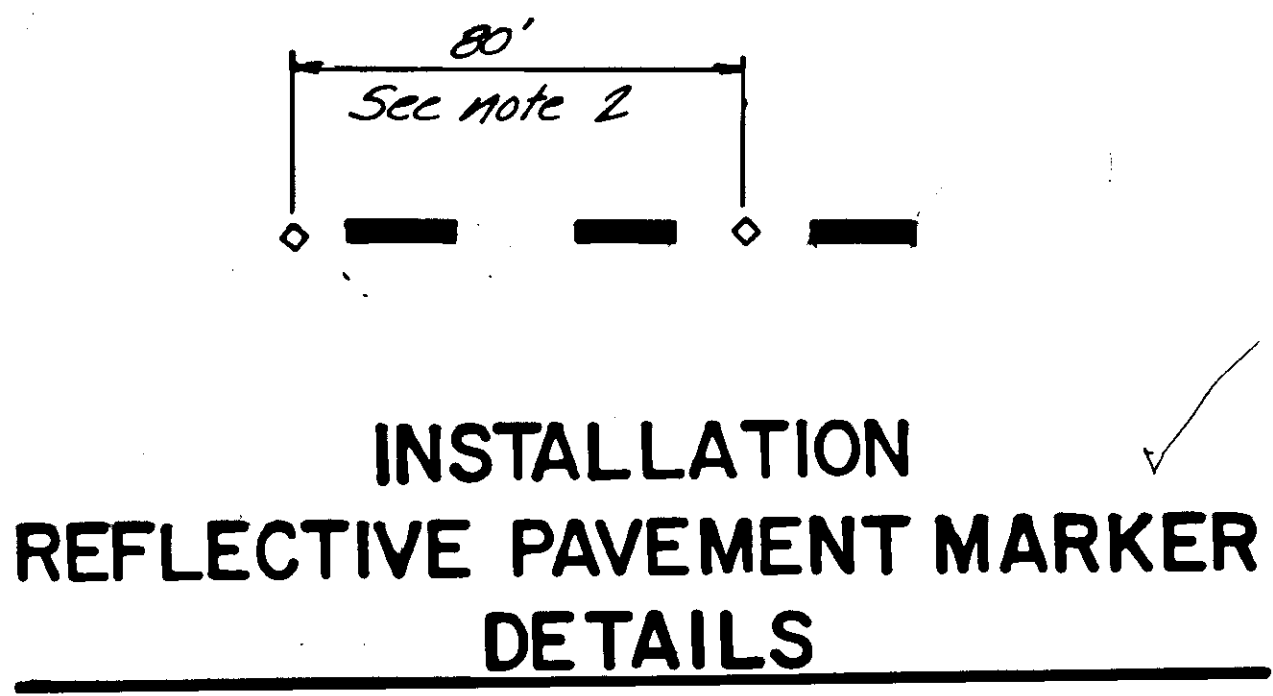
14. Dip and bump signs shall be placed whenever traffic encounters a transverse face between the existing pavement and areas of removed pavement.



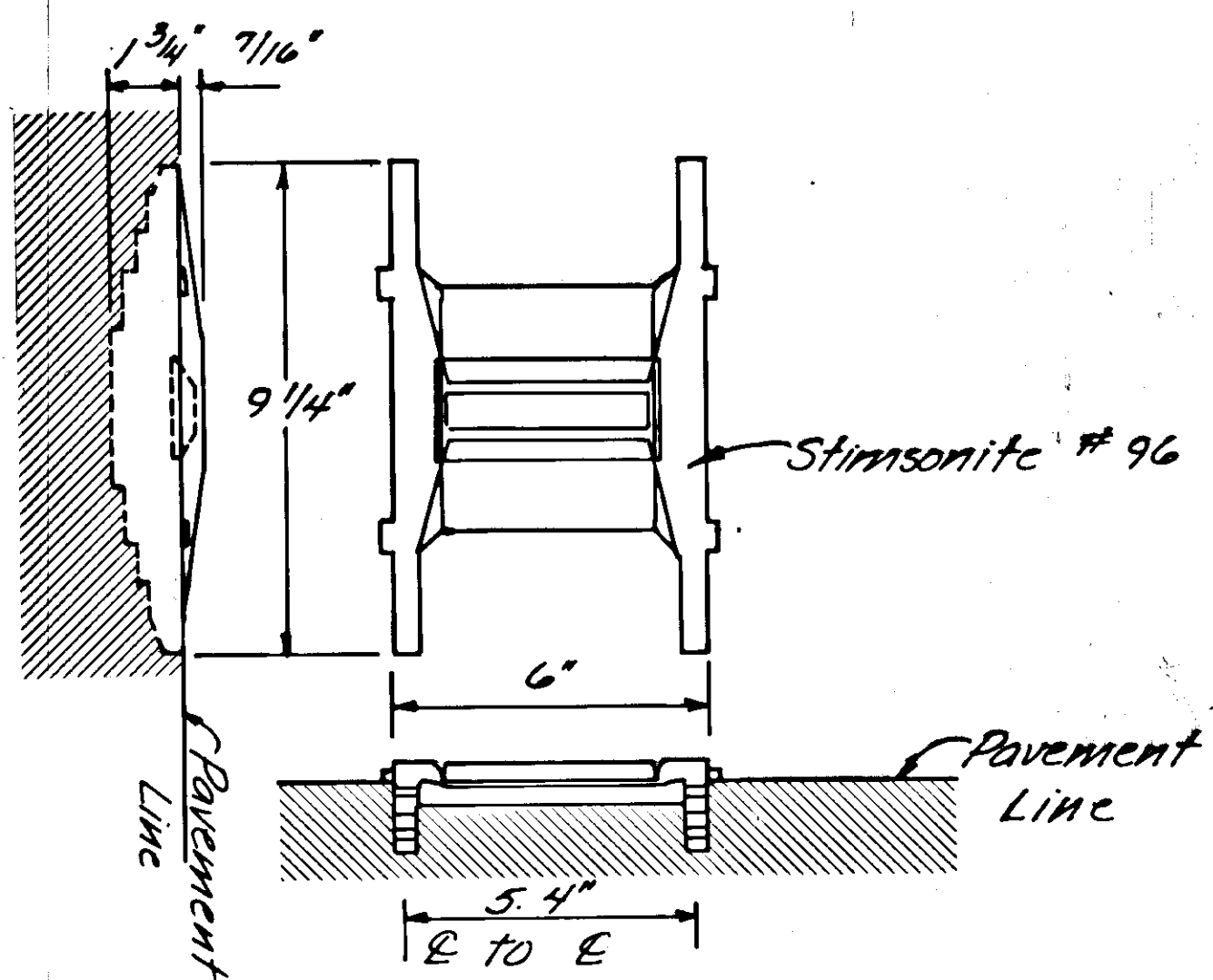
SECTION X-X



PLAN TWO-WAY TRAFFIC



- NOTES:
- 1. Install reflective pavement markers between M.P. 1.73 & M.P. 9.34 both directions.
 - 2. R.P.M.'s shall be placed between the dashed center stripe on 80' centers.
 - 3. All reflective lenses shall be ^{white/red} clear.
 - 4. Installation of recessed pavement markers (RPM) shall be in accordance with the manufacturer's recommendations.
 - 5. Lenses shall be Stimsonite Model 948 or equal.



- NOTES:
- 1. Contractor shall remove markers prior to cold planing operations.
 - 2. Holes remaining from the removal operation shall be filled with asphalt concrete directly after removal.

TYPICAL RAISED PAVEMENT MARKER REMOVAL DETAIL

CONSTRUCTION SIGN SUMMARY					
NO.	QUAN.	TYPE	LEGEND	SIZE	TOTAL
1	3	G20-2	End Construction	60" x 24"	30 s.f.
2	4	CW20-1	Road Construction Ahead	48" x 48"	64 s.f.
3	2	W20-5	Left Lane Closed 1500 ft.	48" x 48"	32 s.f.
4	2	W4-2	Left Lane Ends symbol	36" x 36"	18 s.f.
5	2	W20-5	Right Lane Closed-1500 ft.	48" x 48"	32 s.f.
6	2	W4-2	Right Lane Ends Symbol	36" x 36"	18 s.f.
7	1	W20-7a	Flagman Symbol	36" x 36"	9 s.f.
7a	1	Supplemental Plate	500 feet	24" x 18"	3 s.f.
8	6	W8-1	Bump	30" x 30"	37.5 s.f.
9	6	W8-2	Dip	30" x 30"	37.5 s.f.
10	2	W13-1	25 M.P.H.	18" x 18"	4.5 s.f.
Total					285.5

STATE OF ALASKA	
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES	
SOUTHEAST REGION DESIGN & CONSTRUCTION	
DATE	DESCRIPTION OF CHANGE
RECORD OF REVISIONS	

EGAN EXPRESSWAY
PAVEMENT REHABILITATION
F-093-2 (25)

APPROVED BY: <i>[Signature]</i>	DESIGN CHIEF 6-28-88 DATE	DESIGNED BY: TWM/MJC/DS	SCALE: None
RECOMMENDED BY: <i>[Signature]</i>	DESIGN ENGINEER, GROUP 2 6-28-88 DATE	DRAWN BY: Cba	DATE:
PREPARED BY: <i>[Signature]</i>	PROJECT MANAGER	CHECKED BY: <i>[Signature]</i>	L.M.
		SHEET 1.1 OF 11	

ENGINEER'S STAMP
STATE OF ALASKA
49TH
John W. Henry
No. 4249-E
REGISTERED PROFESSIONAL ENGINEER
9/28/89