

ESTIMATE OF QUANTITIES


ITEM NO.	DESCRIPTION	PAY UNIT	COMBINED QUANTITY	EGAN DRIVE	TWIN LAKES	GLACIER/SHELL SIMMONS	LEMON / ANKA
202(3)	REMOVAL OF SIDEWALK	SQUARE YARD	98 100.6	50 66.7	48 33.9		
202(9)	REMOVAL OF CURB AND GUTTER	LINEAR FOOT	295 310.0	220 273.0	78 37.0		
401(1)	ASPHALT CONCRETE, SP, TYPE B	TON	1,565 1139.64	905 801.01	455 632.90	205 306.05	
401(2)	ASPHALT CEMENT, GRADE PG64-28	TON	98 116.15	55	28	13	
401(3)	ASPHALT PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED
402(1)	STE-1 ASPHALT FOR TACK COAT	TON	4 3.89	2.5	0.5	1	
408(1)	PAVEMENT COLD PLANING	SQUARE YARD	3,155 11246.4	6,025 5818.0	1,420 3193.3	1,710 2235.1	
604(4)	ADJUST EXISTING MANHOLE	EACH	5 ✓			5	
604(8)	ADJUST EXISTING INLET	EACH	2 0		2 0		
608(1A)	CONCRETE SIDEWALK, 4 INCHES THICK	SQUARE YARD	98 100.6	50 66.7	48 33.9		
608(6)	CURB RAMP	EACH	2 ✓		2		
609(2)	CURB AND GUTTER, TYPE 1	LINEAR FOOT	295 310.0	220 273.0	78 37.0		
627(10)	ADJUSTMENT OF VALVE BOX	EACH	3 3		1	2	
640(1)	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED	
641(1)	EROSION, SEDIMENT, AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED	
641(2)	TEMPORARY EROSION, SEDIMENT, AND POLLUTION CONTROL	CONTINGENT SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED	
641(7)	INLET PROTECTION	EACH	10 17	9	3	4 5	
642(1)	CONSTRUCTION SURVEYING	LUMP SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED	
642(11)	ADJUST EXISTING MONUMENT CASE	EACH	2	2			
643(2)	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED	
643(15)	FLAGGING	CONTINGENT SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED	
643(25)	TRAFFIC CONTROL	CONTINGENT SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED	
670(1)	PAINTED TRAFFIC MARKINGS	LUMP SUM	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED	ALL REQUIRED	
670(8)	RECESSED PAVEMENT MARKER	EACH	34 38	34 38			
401(1)-A	ASPHALT CONCRETE, SP, TYPE B	TON	120 132.05				120 132.05
401(2)-A	ASPHALT CEMENT, GRADE PG64-28	TON	7 8.32				7 8.32
402(1)-A	STE-1 ASPHALT FOR TACK COAT	TON	0.5 0				0.5 0
408(1)-A	PAVEMENT COLD PLANING	SQUARE YARD	975				975 1002.7
640(1)-A	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQUIRED				ALL REQUIRED
641(1)-A	EROSION, SEDIMENT, AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQUIRED				ALL REQUIRED
641(2)-A	TEMPORARY EROSION, SEDIMENT, AND POLLUTION CONTROL	CONTINGENT SUM	ALL REQUIRED				ALL REQUIRED
641(7)-A	INLET PROTECTION	EACH	3 0				3 0
642(1)-A	CONSTRUCTION SURVEYING	LUMP SUM	ALL REQUIRED				ALL REQUIRED
643(2)-A	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQUIRED				ALL REQUIRED
643(15)-A	FLAGGING	CONTINGENT SUM	ALL REQUIRED				ALL REQUIRED
643(25)-A	TRAFFIC CONTROL	CONTINGENT SUM	ALL REQUIRED				ALL REQUIRED
670(1)-A	PAINTED TRAFFIC MARKINGS	LUMP SUM	ALL REQUIRED				ALL REQUIRED

401(1) EMERGENCY PAVING C.O. #1 LUMP SUM X
 604(4a) MANHOLE REPAIR C.O. #1 LUMP SUM X

BASIS OF ESTIMATE

ITEM NO.	ITEM DESCRIPTION	ESTIMATING FACTOR
401(1)	ASPHALT CONCRETE, SP, TYPE B	120 LB / S.Y. / IN
401(2)	ASPHALT CEMENT, GRADE PG64-28	6.0% OF ITEM 401(1)
402(1)	STE-1 ASPHALT FOR TACK COAT	0.1 GAL / S.Y. ; 243 GAL/TON

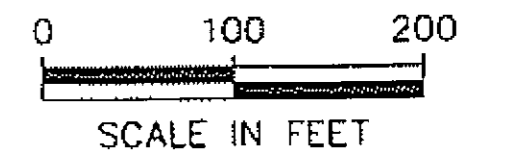
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION JNU - FFYO8 AREAWIDE PAVING PROJECT # 67790	
DESIGNED BY: J. WEAVER DRAWN BY: R. SNYDER		ESTIMATE OF QUANTITIES	
PATH: Q:\JNU\67790\PLANSET\A1_TSHT.DWG TAB: A2		JMWEAVER	
REVISIONS NO. DATE DESCRIPTION		PROJECT DESIGNATION AC-NH-0003(133)	YEAR 2008
		SHEET NO. A2	TOTAL SHEETS 21

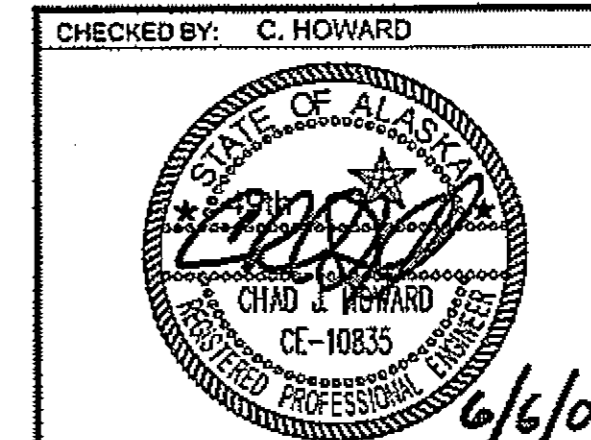
HARRIS HARBOR

BEGIN PAVING
"L" STA 43+56

END PAVING
"L" STA 52+60



DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

JNU - FFYO8
AREAWIDE PAVING
PROJECT # 67790

**EGAN DRIVE
PROJECT LAYOUT PLAN**

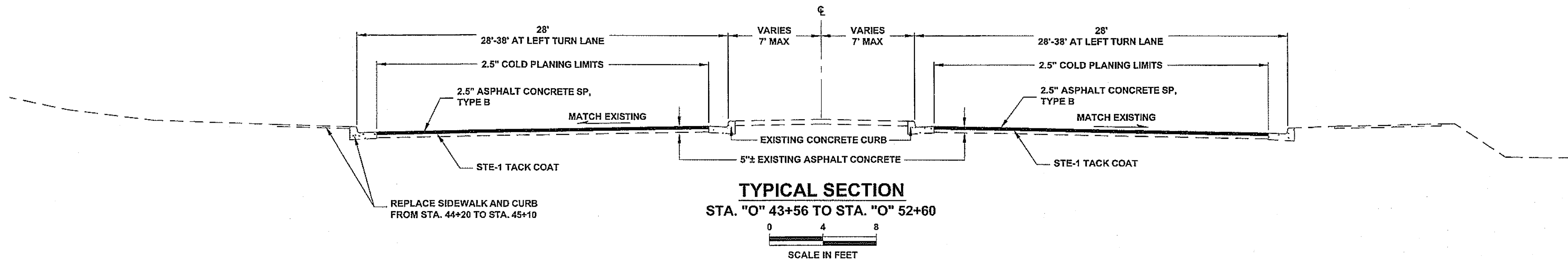
DESIGNED BY: J. WEAVER
DRAWN BY: R. SNYDER

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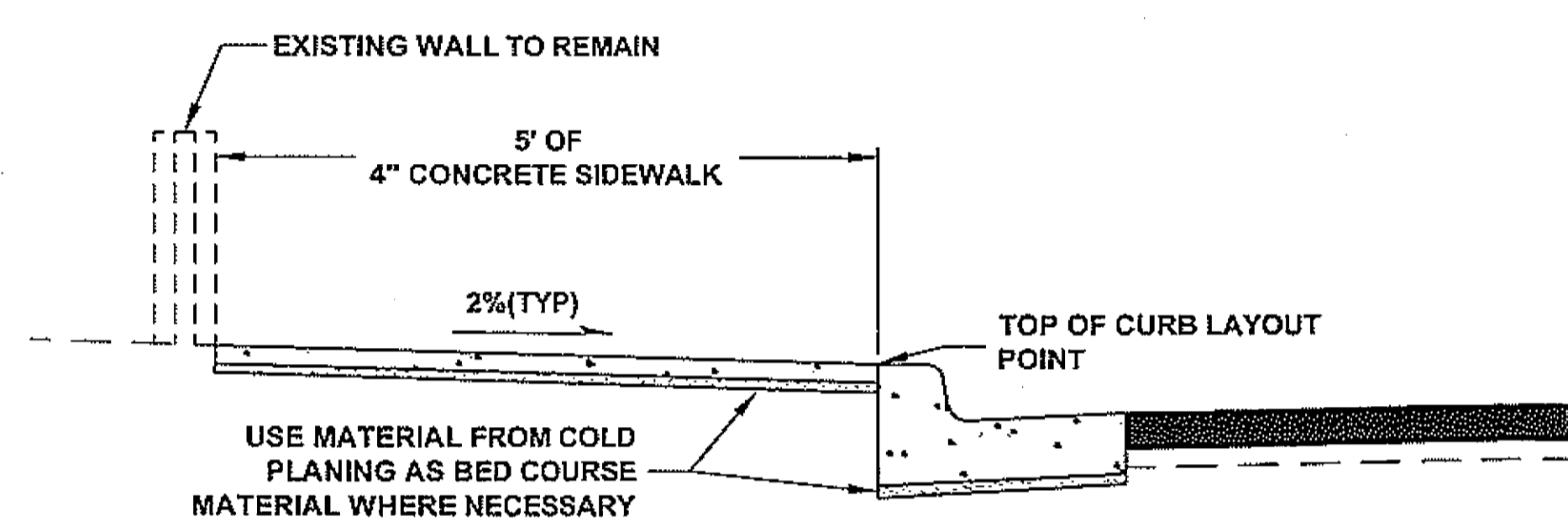
RKSNYDER

REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
AC-NH-0003(133)	2008	B1	21

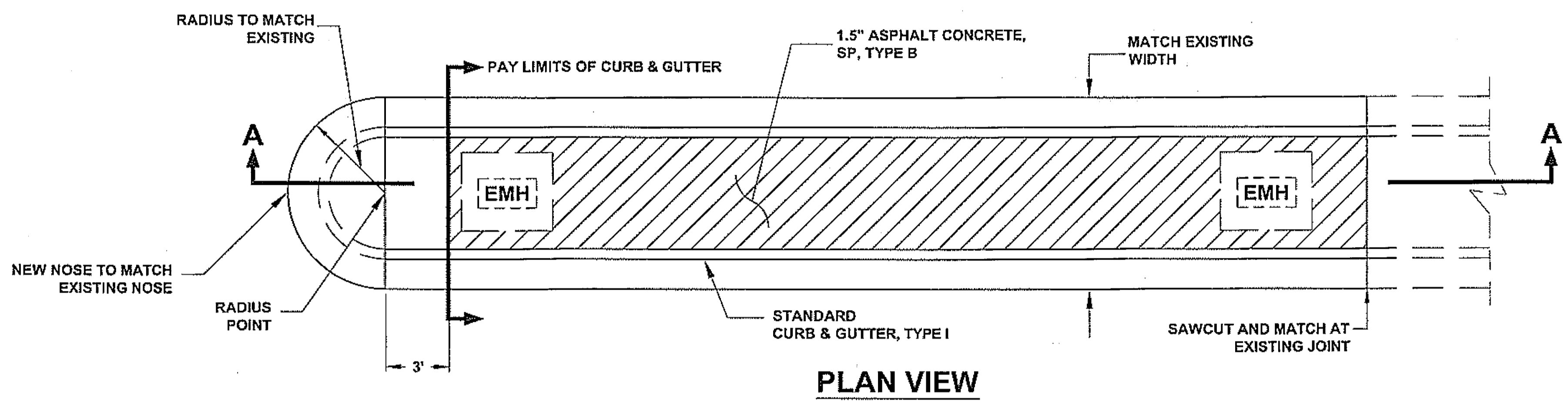


TYPICAL SECTION
STA. "O" 43+56 TO STA. "O" 52+60

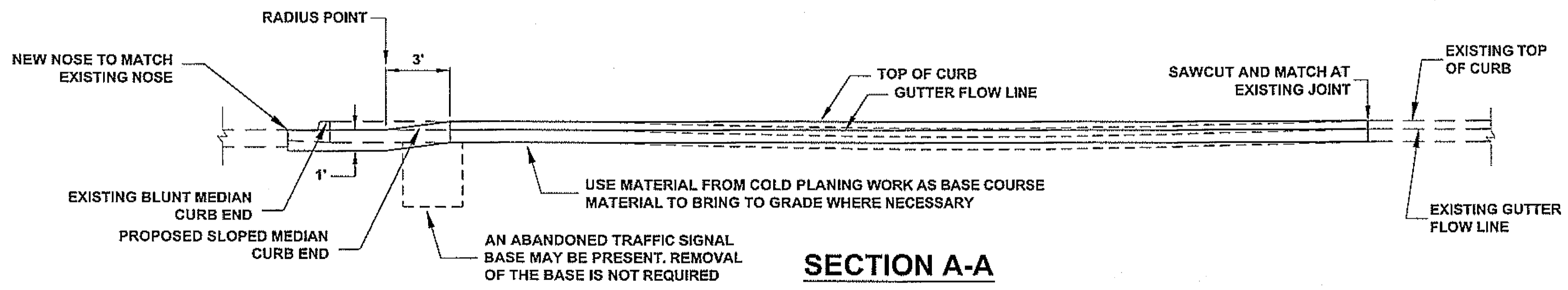


SIDEWALK AND CURB REPLACEMENT DETAIL

STA. 44+20 TO STA. 45+10
44+00 N.T.S. 45+20

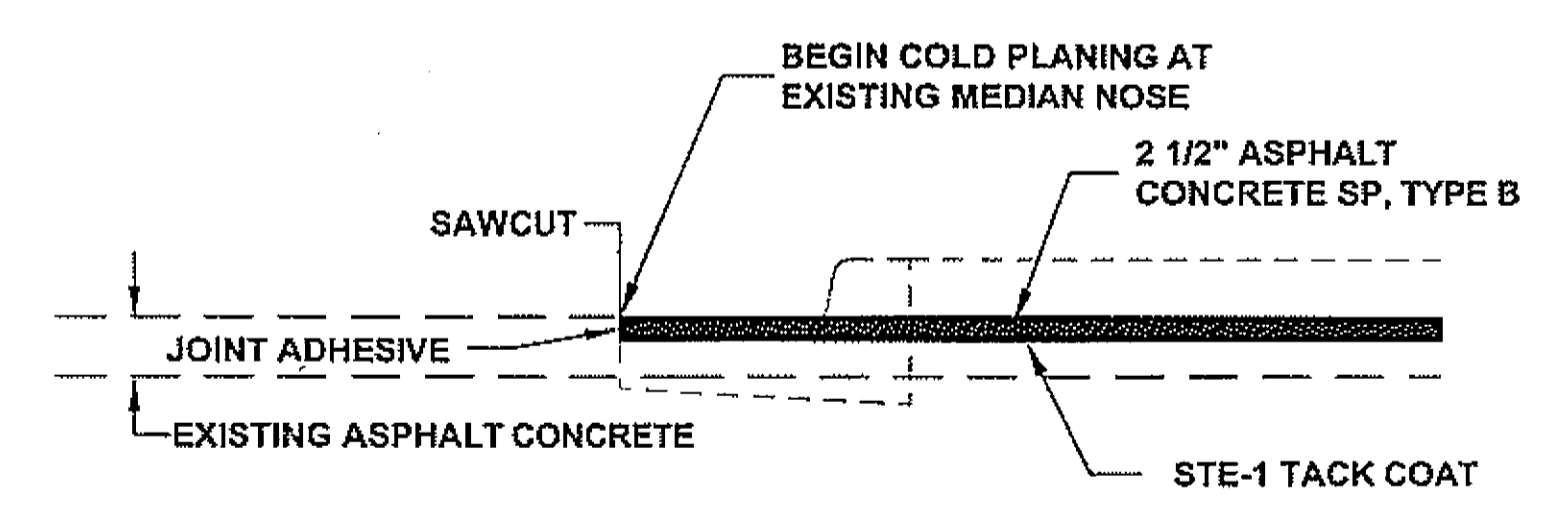


PLAN VIEW



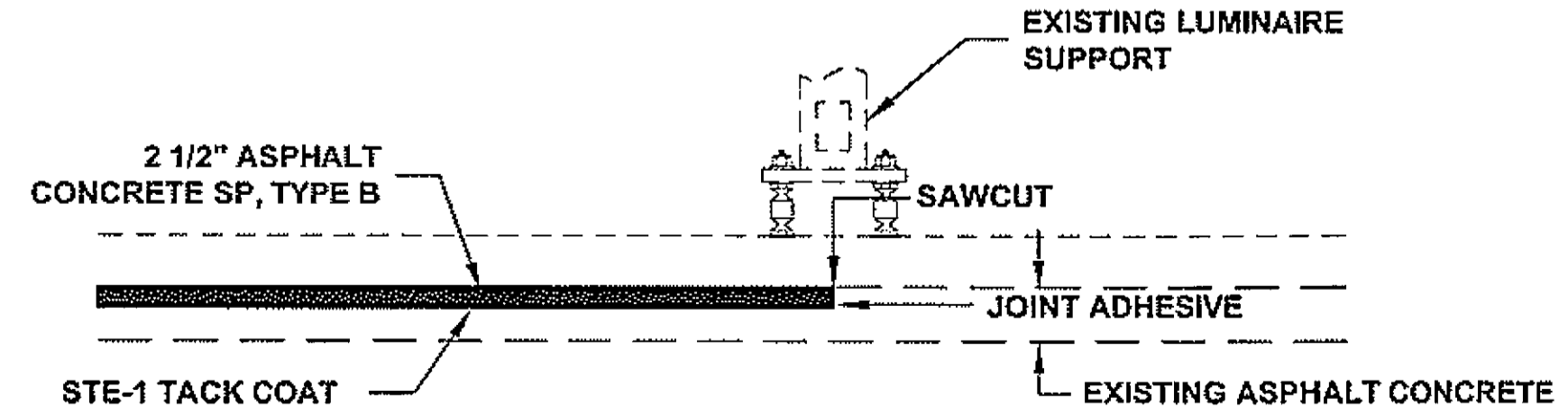
SECTION A-A

MEDIAN NOSE AND CURB REPLACEMENT
APPROXIMATELY STA 43+56 TO 44+20
N.T.S.



TRANSITION DETAIL

B.O.P.
N.T.S.



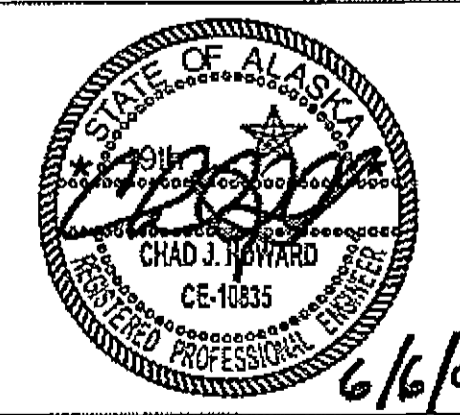
TRANSITION DETAIL

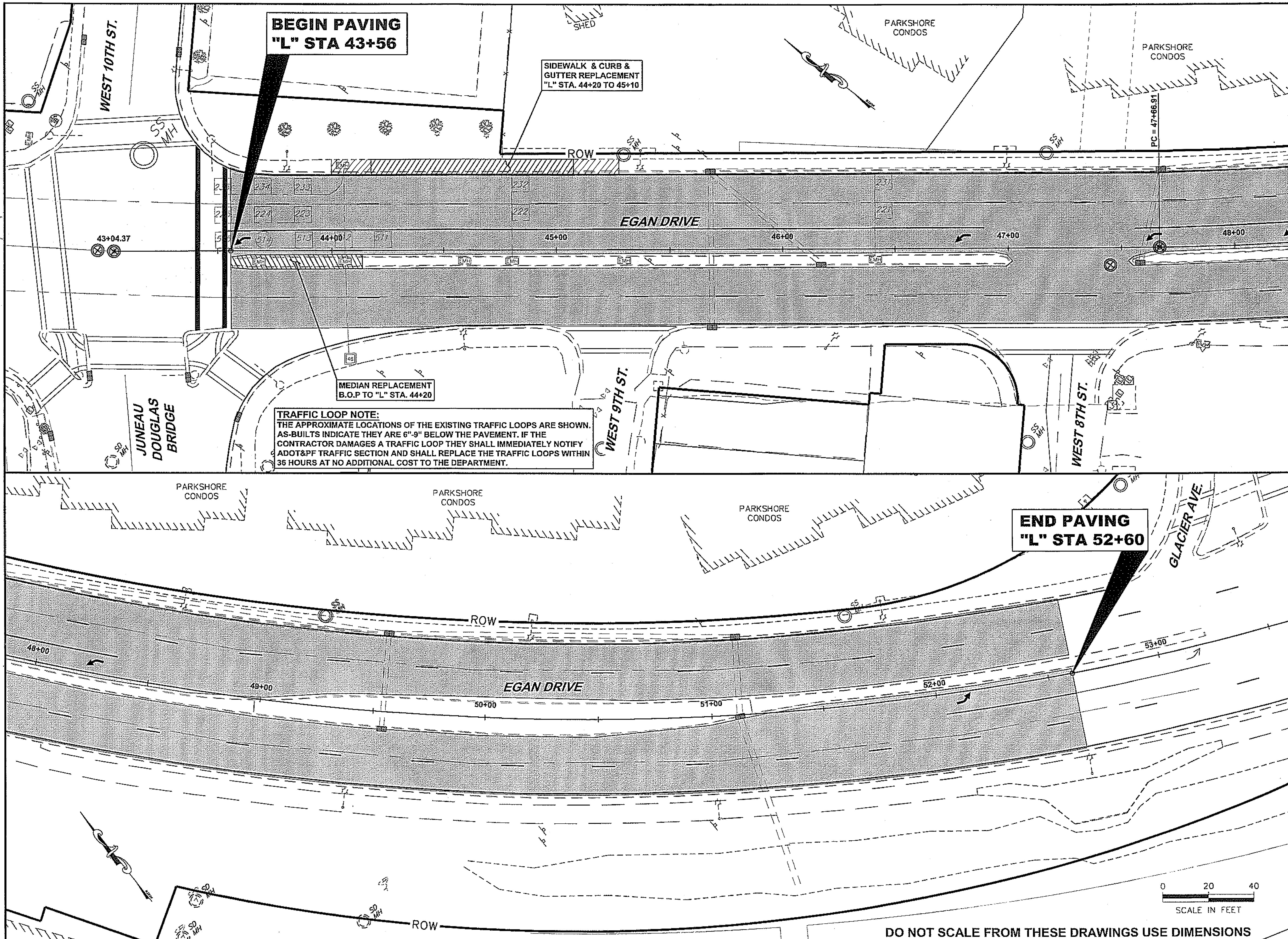
E.O.P.
N.T.S.

GENERAL NOTES

1. INFORMATION CONTAINED IN THESE DOCUMENTS HAS BEEN COMPILED FROM AS-BUILT DRAWINGS AND AERIAL PHOTOGRAPHY. FIELD VERIFY ALL EXISTING SITE CONDITIONS AND DIMENSIONS.
2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SET CONTROL FOR THE COLD PLANING, PAVING, TRAFFIC MARKINGS, RECESSED PAVEMENT MARKINGS AND OTHER ITEMS NECESSARY TO COMPLETE THE WORK. SETTING CONTROL POINTS FOR REINSTALLING TRAFFIC MARKINGS SHALL BE COORDINATED WITH THE ENGINEER.
3. COLD PLANING WIDTHS AND DEPTHS MAY VARY AND ARE SUBJECT TO MINOR REVISIONS AS DETERMINED BY THE ENGINEER.
4. PRIOR TO PLANING OPERATIONS, INLETS, CATCH BASINS, AND DRAINS SHALL BE SUFFICIENTLY BARRICADED SO AS TO PREVENT DEBRIS FROM ENTERING THE DRAINAGE SYSTEM, OR STREAMS.
5. THE PAVEMENT MATERIAL REMOVED ON THE PROJECT SHALL BE STOCKPILED AT THE DOT&PF STOCKPILE NEAR THE INTERSECTION OF EGAN DRIVE AND MENDENHALL LOOP ROAD
6. THE TYPICAL SECTION SHALL BE USED AS GENERAL GUIDELINES FOR AN AREA. THE ENGINEER WILL INDICATE ACTUAL LIMITS OF WORK.
7. SEE SUBSECTION 401-3.14 OF THE SPECIAL PROVISIONS REGARDING JOINTS.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD  DESIGNED BY: J. WEAVER DRAWN BY: R. SNYDER	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION JNU - FFY08 AREAWIDE PAVING PROJECT # 67790 EGAN DRIVE TYPICAL SECTIONS									
PATH: Q:\UNU\67790\PLANSET\B2_TYPS-EGAN.DWG TAB: B2										
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REVISIONS										
NO.	DATE	DESCRIPTION								



**BEGIN PAVING
"L" STA 43+56**

SIDEWALK & CURB &
GUTTER REPLACEMENT
"L" STA. 44+20 TO 45+10

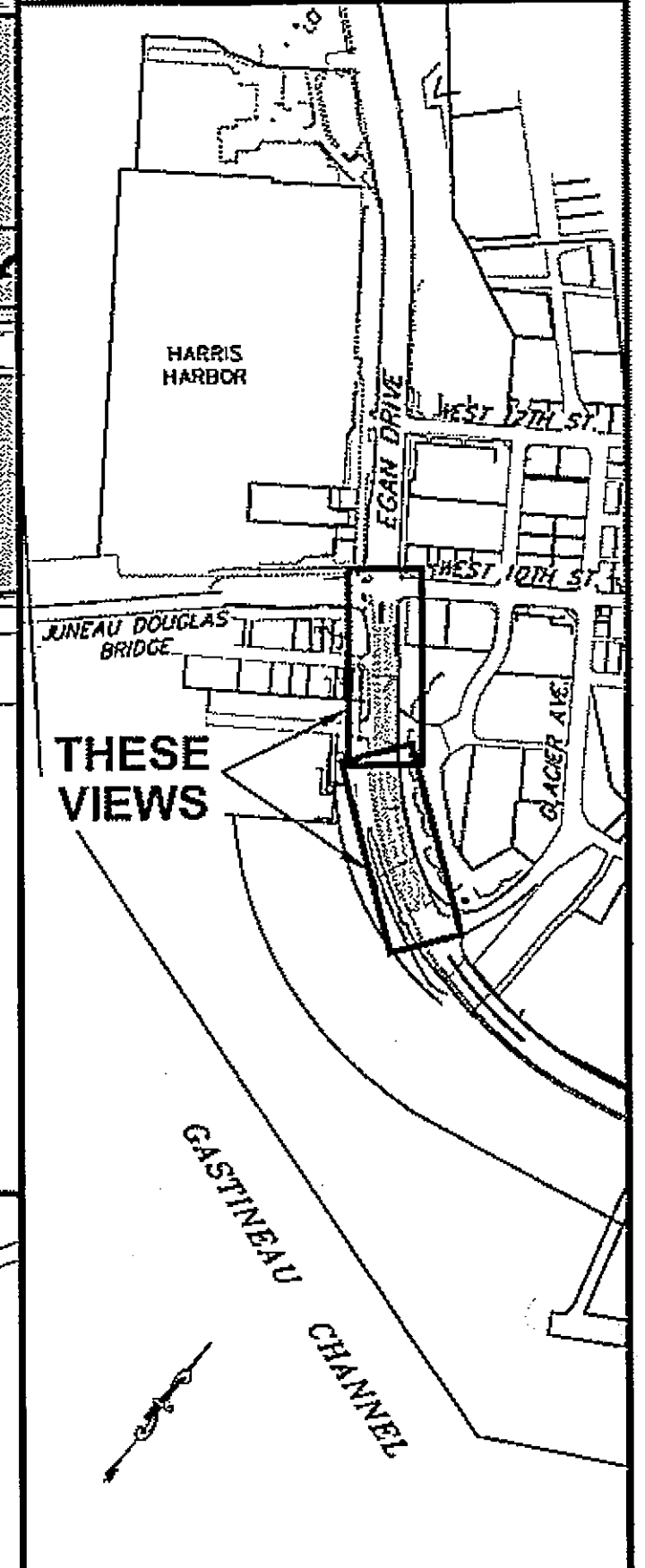
MEDIAN REPLACEMENT
B.O.P TO "L" STA. 44+20

TRAFFIC LOOP NOTE:
THE APPROXIMATE LOCATIONS OF THE EXISTING TRAFFIC LOOPS ARE SHOWN. AS-BUILTS INDICATE THEY ARE 6"-9" BELOW THE PAVEMENT. IF THE CONTRACTOR DAMAGES A TRAFFIC LOOP THEY SHALL IMMEDIATELY NOTIFY ADOT&PF TRAFFIC SECTION AND SHALL REPLACE THE TRAFFIC LOOPS WITHIN 36 HOURS AT NO ADDITIONAL COST TO THE DEPARTMENT.

**END PAVING
"L" STA 52+60**

PATH: Q:\JNU\67790\PLANSET\G_TCP.DWG
TAB: B3 RKSNYDER

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. HOWARD

DESIGNED BY: J. WEAVER

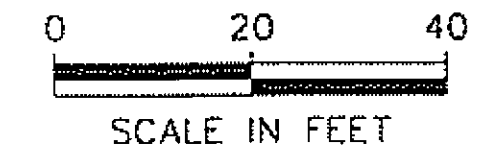
DRAWN BY: R. SNYDER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
DESIGN & ENGINEERING SERVICES
DIVISION-SOUTHEAST REGION
JNU - FFY08
AREAWIDE PAVING
PROJECT NO. 67790

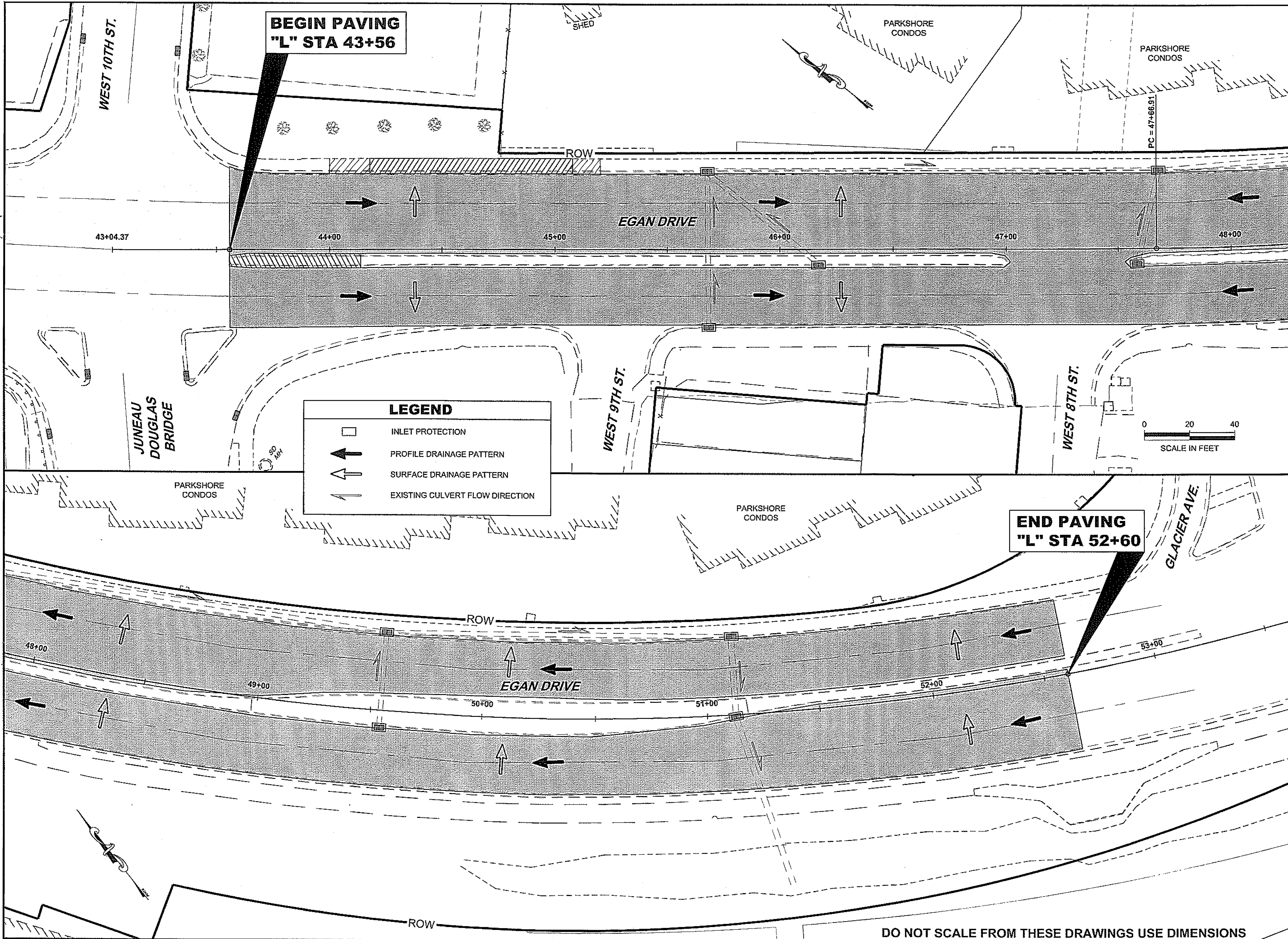
**EGAN DRIVE
PLAN**

PROJECT DESIGNATION
AC-NH-0003(133)

STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
B3	21



DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



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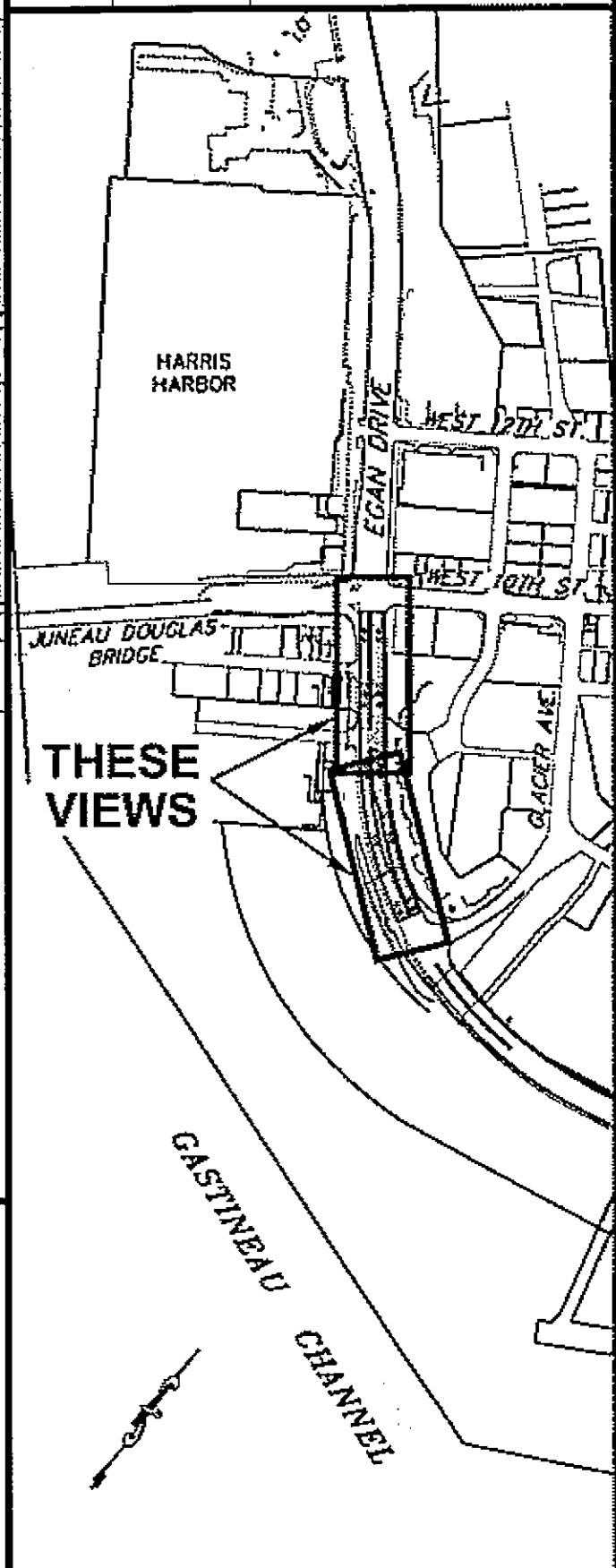
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ADDENDUM NUMBER

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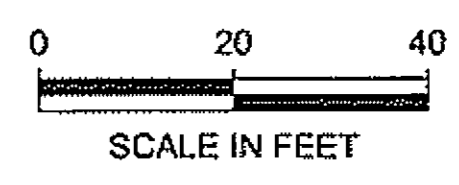
RECORD OF REVISIONS

No.	DATE	DESCRIPTION



LEGEND

	INLET PROTECTION
	PROFILE DRAINAGE PATTERN
	SURFACE DRAINAGE PATTERN
	EXISTING CULVERT FLOW DIRECTION



PLAN LEGEND

CHECKED BY: C. HOWARD

DESIGNED BY: J. WEAVER

DRAWN BY: R. SNYDER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
DESIGN & ENGINEERING SERVICES
DIVISION-SOUTHEAST REGION

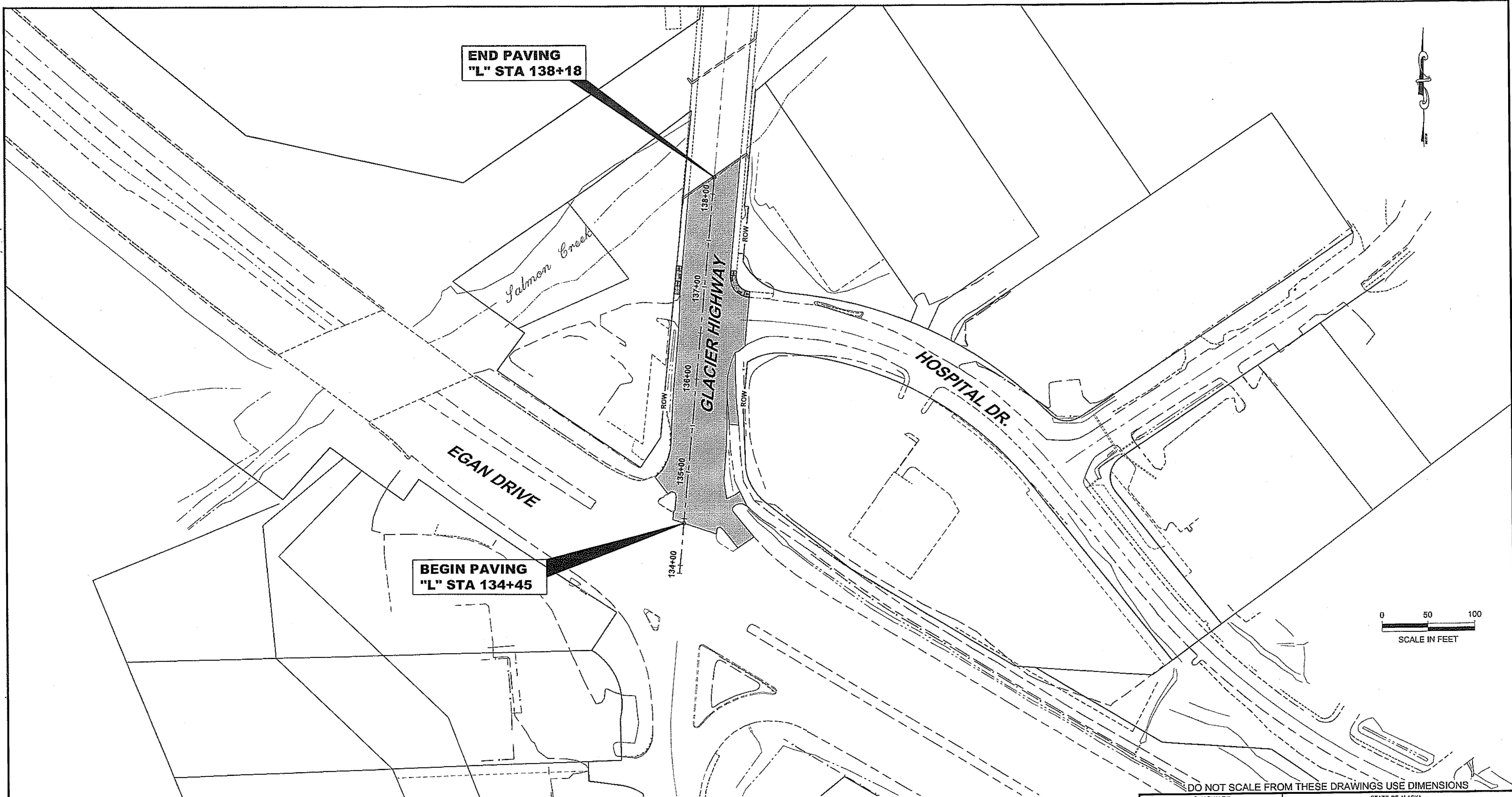
JNU - FFY08
AREAWIDE PAVING
PROJECT NO. 67790

**EGAN DRIVE
EROSION SEDIMENT
CONTROL PLAN**

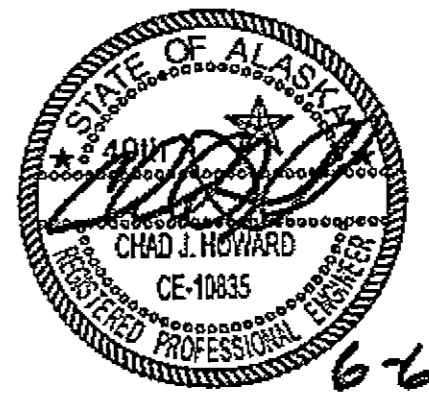
PROJECT DESIGNATION
AC-NH-0003(133)

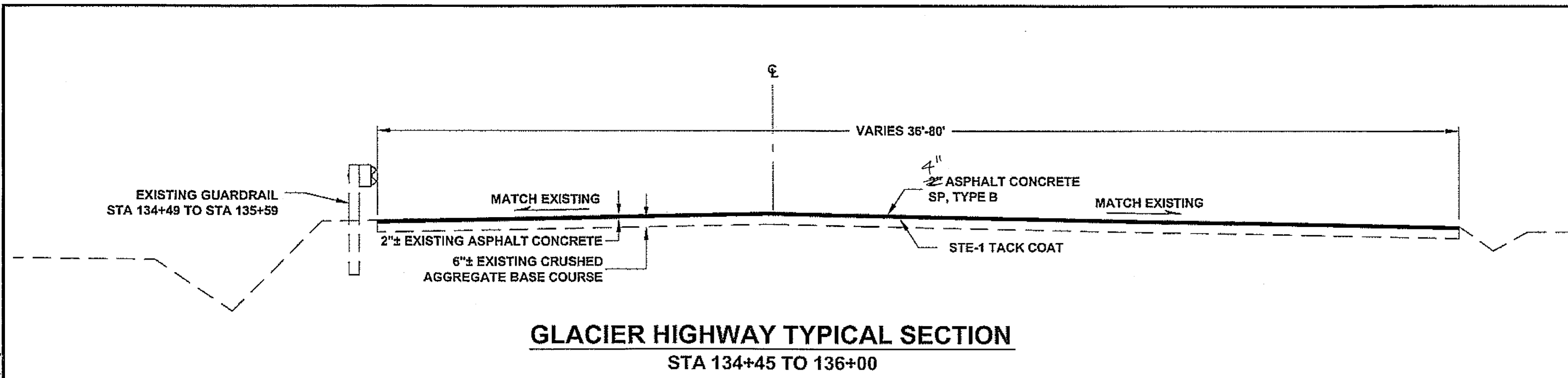
STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
B4	21

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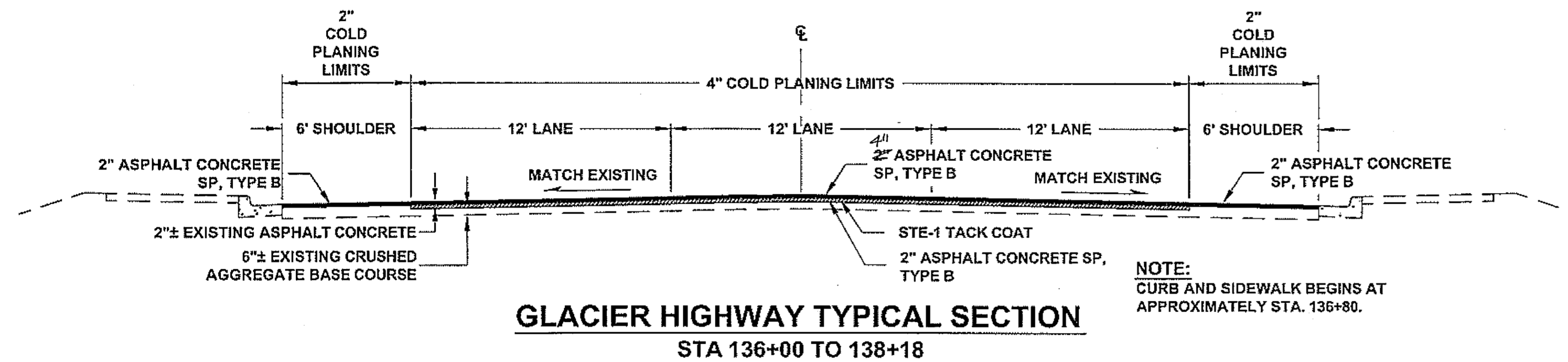
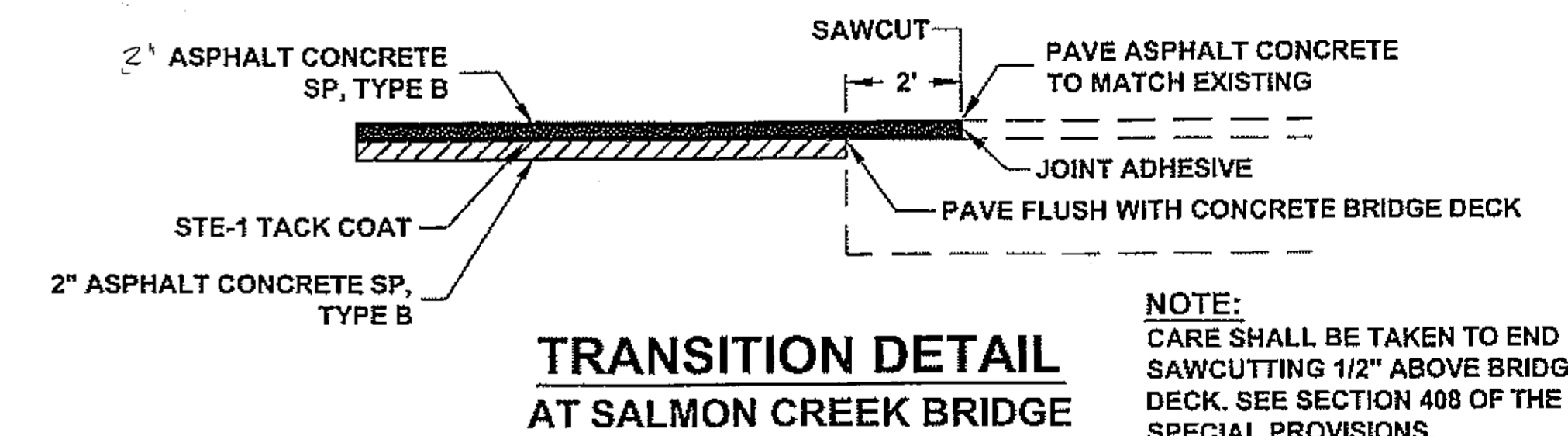
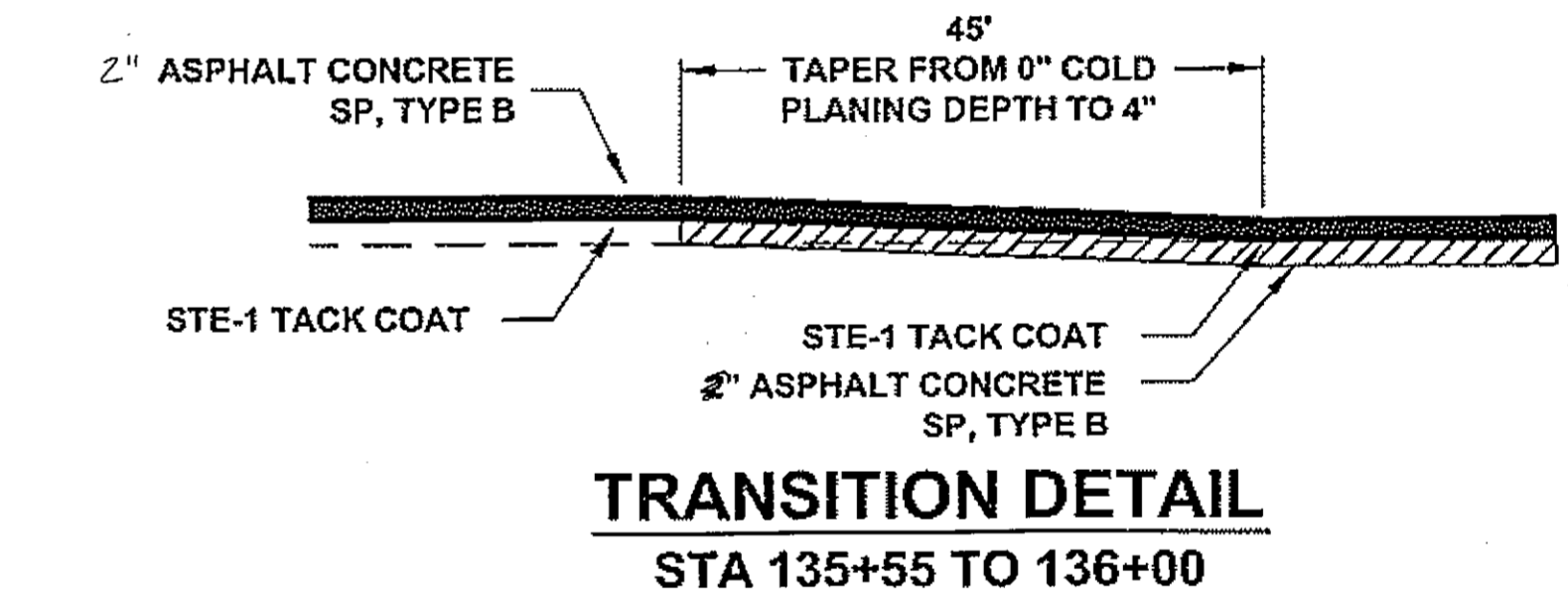
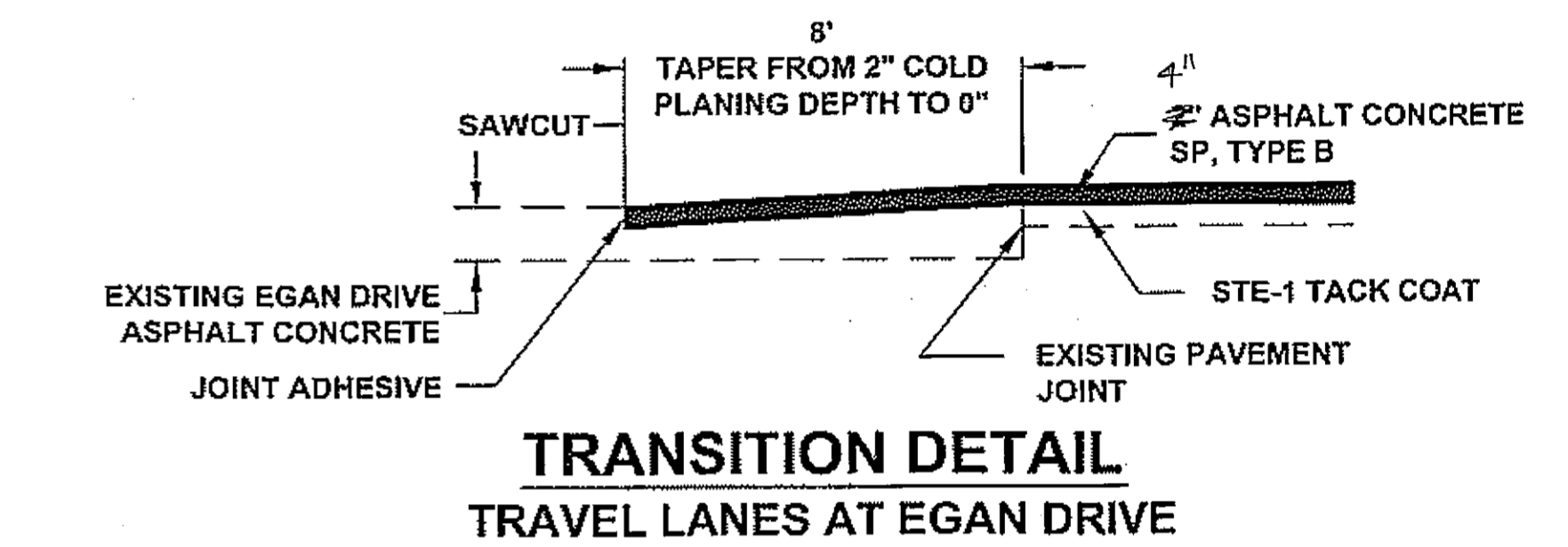
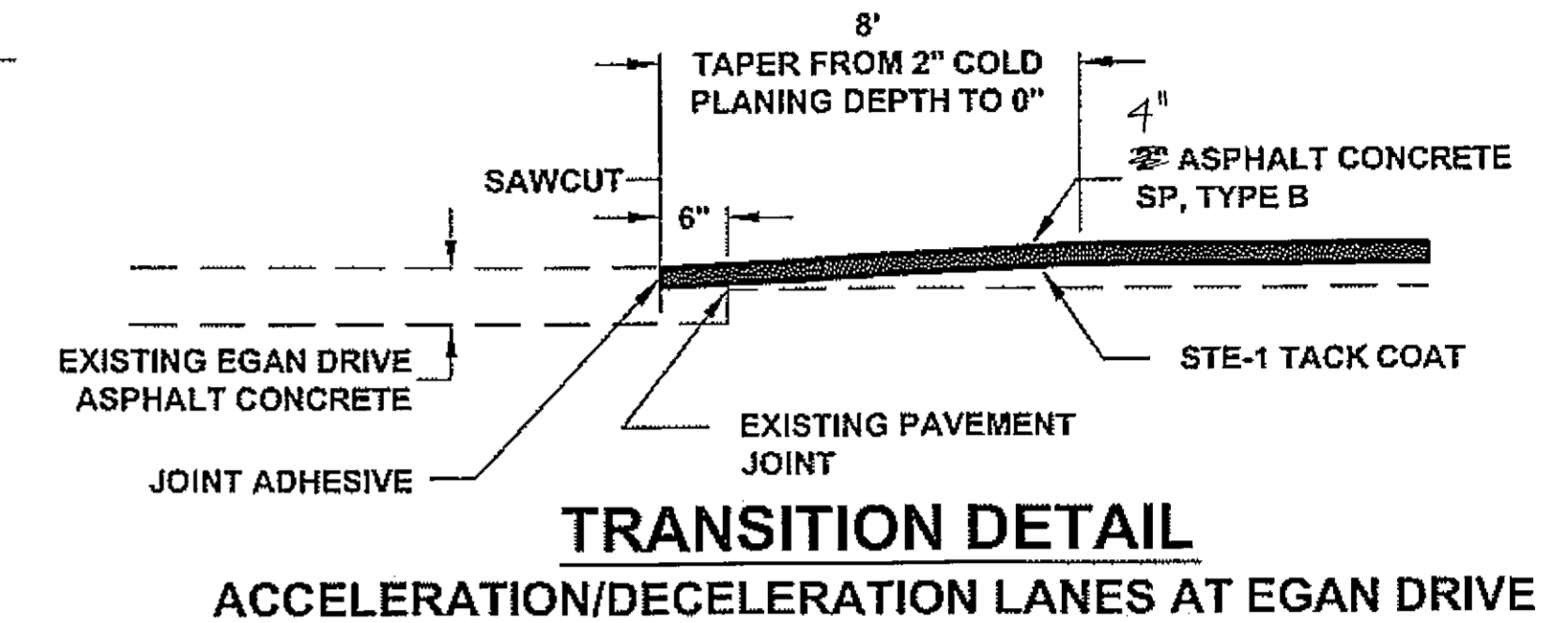
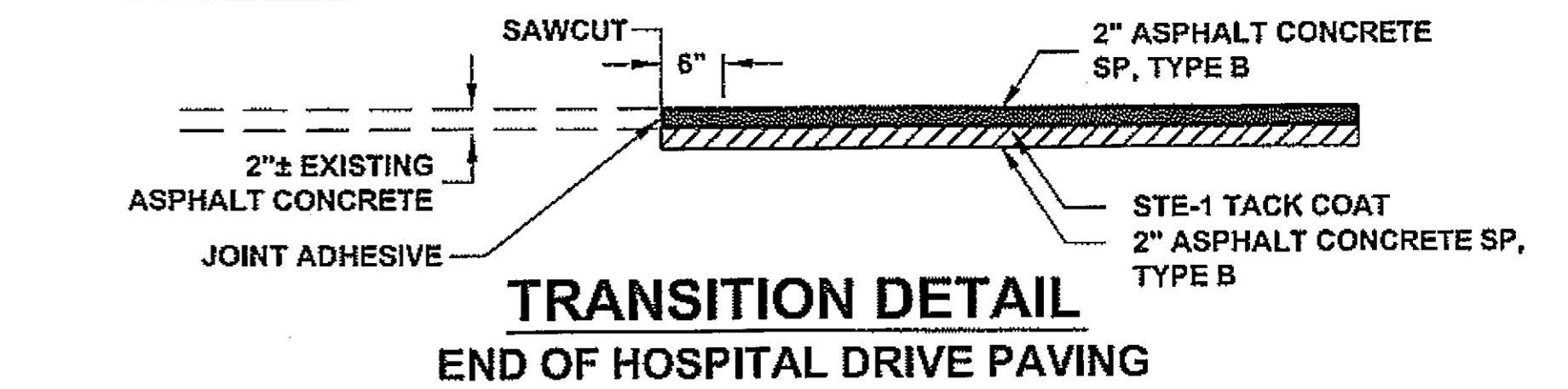
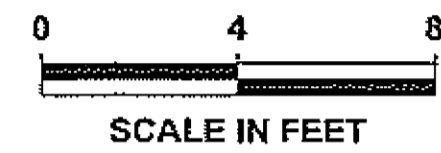


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CHECKED BY: C. HOWARD 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION												
DESIGNED BY: J. WEAVER DRAWN BY: R. SNYDER		JNU - FFY08 AREAWIDE PAVING PROJECT # 67790 GLACIER HIGHWAY TWIN LAKES PROJECT LAYOUT PLAN												
PATH: Q:\JNU\67790\PLANS\TIC1_PROJECT-TWIN LAKES.DWG TAB: C1		RKSNYDER												
<table border="1"> <thead> <tr> <th colspan="3">REVISIONS</th> </tr> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		REVISIONS			NO.	DATE	DESCRIPTION				PROJECT DESIGNATION AC-NH-0003(133)	YEAR 2008	SHEET NO. C1	TOTAL SHEETS 21
REVISIONS														
NO.	DATE	DESCRIPTION												



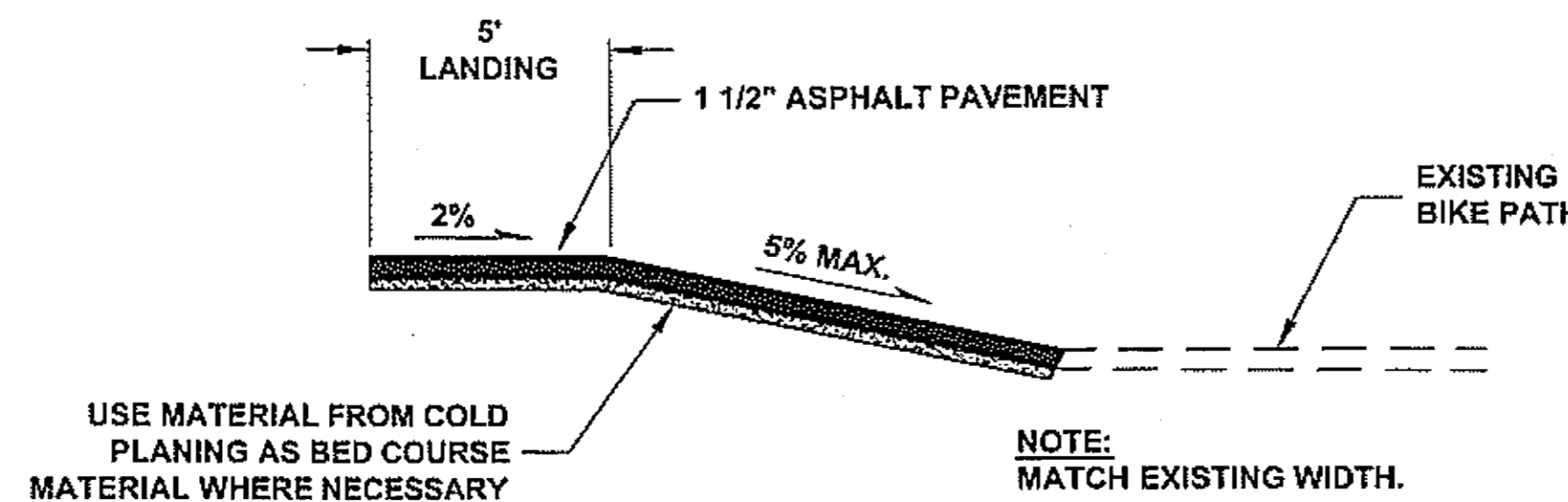
GLACIER HIGHWAY TYPICAL SECTION
STA 134+45 TO 136+00



GLACIER HIGHWAY TYPICAL SECTION
STA 136+00 TO 138+18

GENERAL NOTES

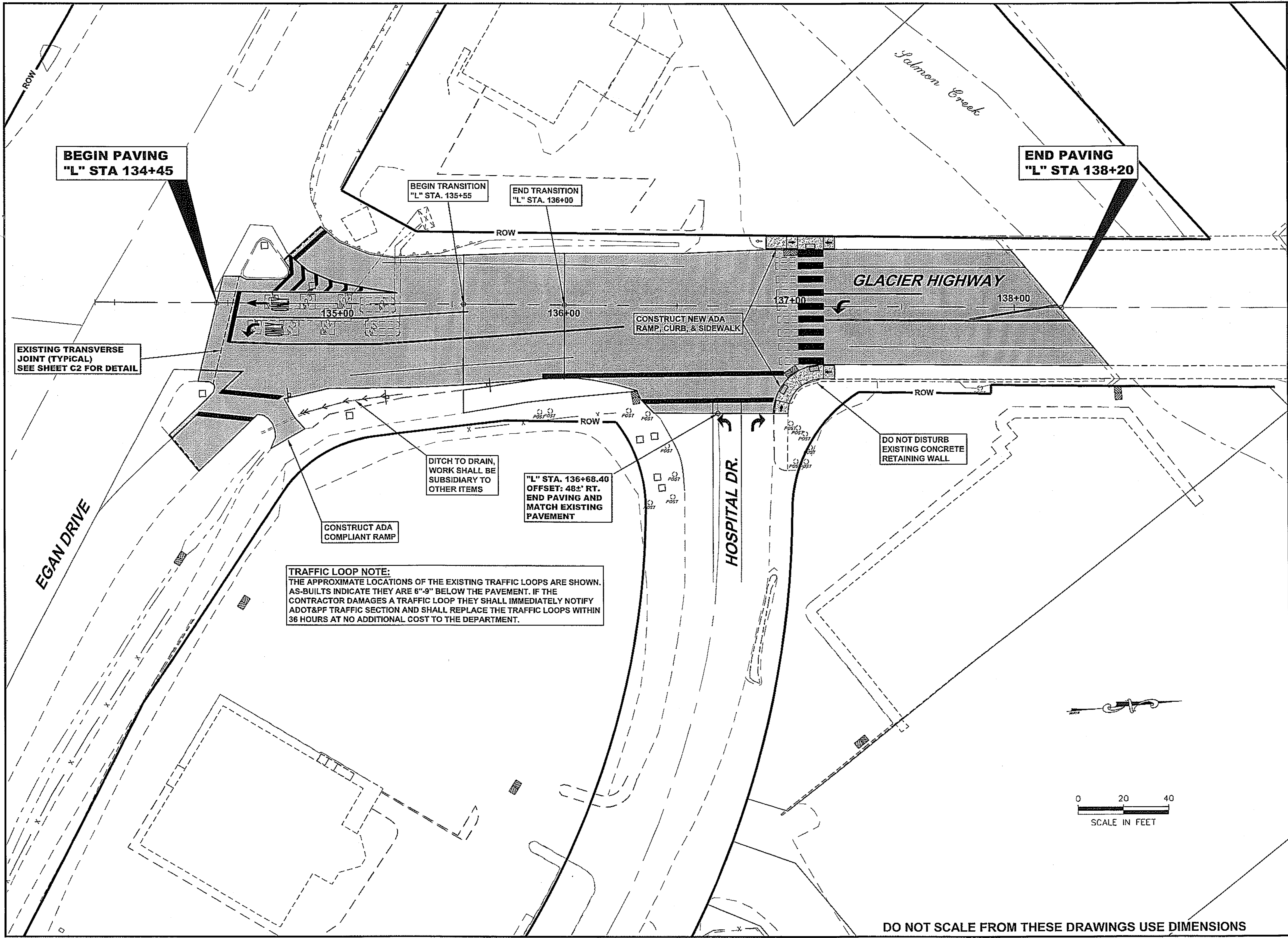
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3. COLD PLANING WIDTHS AND DEPTHS MAY VARY AND ARE SUBJECT TO MINOR REVISIONS AS DETERMINED BY THE ENGINEER.
4. PRIOR TO PLANING OPERATIONS, INLETS, CATCH BASINS, AND DRAINS SHALL BE SUFFICIENTLY BARRICADED SO AS TO PREVENT DEBRIS FROM ENTERING THE DRAINAGE SYSTEM, OR STREAMS.
5. COLD PLANING SHALL REMOVE THE EXISTING 2" ASPHALT PAVEMENT AND 2" OF UNDERLYING CRUSHED AGGREGATE BASE COURSE UNDER THE TRAVEL LANES.
6. THE PAVEMENT/BASE COURSE MATERIAL REMOVED ON THE PROJECT SHALL BE STOCKPILED AT THE DOT&PF STOCKPILE NEAR THE INTERSECTION OF EGAN DRIVE AND MENDENHALL LOOP ROAD
7. ASPHALT TO BE REMOVED ON THE BRIDGE SHALL BE DONE BY HAND. COLD PLANING MACHINERY SHALL NOT BE PERMITTED ON THE BRIDGE. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO ITEM 408(1) COLD PLANING.
8. THE TYPICAL SECTION SHALL BE USED AS GENERAL GUIDELINES FOR AN AREA. THE ENGINEER WILL INDICATE ACTUAL LIMITS OF WORK.
9. SEE SUBSECTION 401-3.14 OF THE SPECIAL PROVISIONS REGARDING JOINTS.



ADA RAMP DETAIL
NORTHBOUND EGAN RT. TURN LANE
N.T.S.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION	
DESIGNED BY: J. WEAVER			
DRAWN BY: R. SNYDER			
PATH: Q:\JNU\67790\PLANSET\C2_TYPS-TWIN LAKES.DWG		JNU - FFY08 AREAWIDE PAVING PROJECT # 67790 GLACIER HIGHWAY TWIN LAKES AREA TYPICAL SECTIONS	
TAB: C2		RKSNYDER	
REVISIONS		PROJECT DESIGNATION	YEAR
NO.	DATE	DESCRIPTION	
			AC-NH-0003(133)
			2008
			SHEET NO. C2
			TOTAL SHEETS 21



PATH: Q:\JNU\67790\PLANSET\3_PLAN-TWIN LAKES.DWG

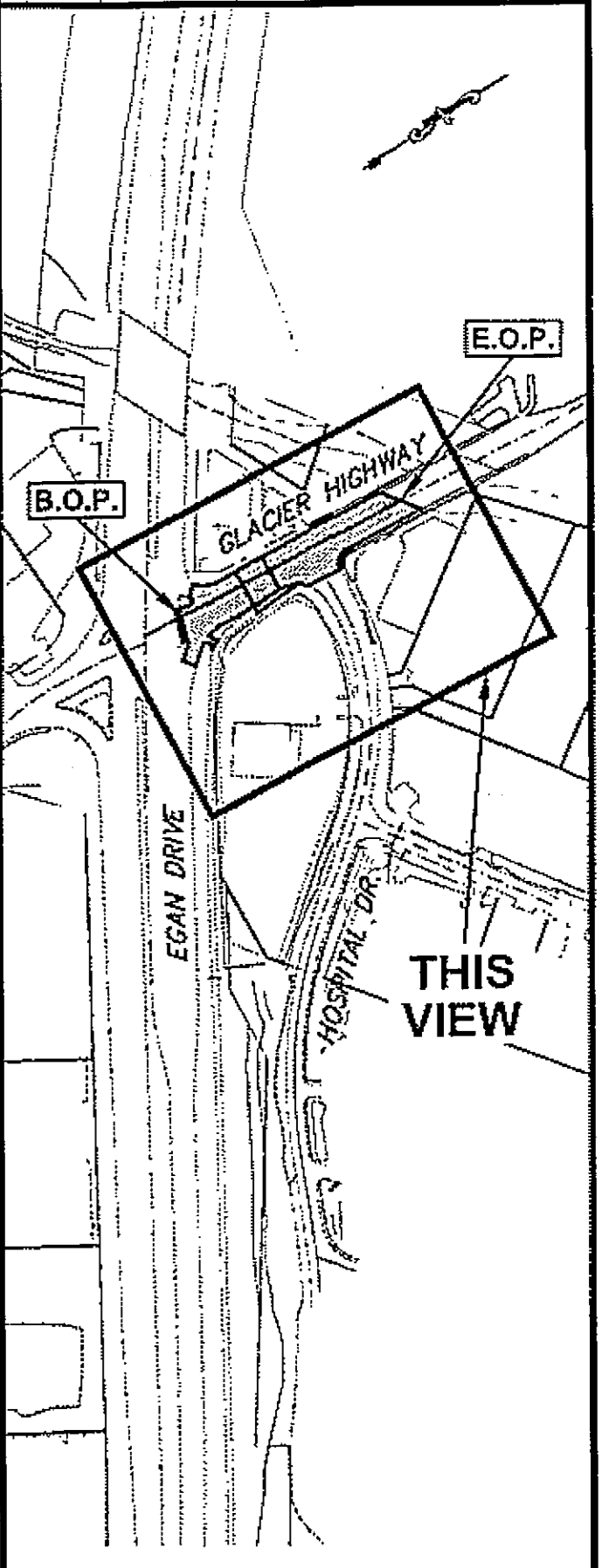
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ADDENDUM NUMBER

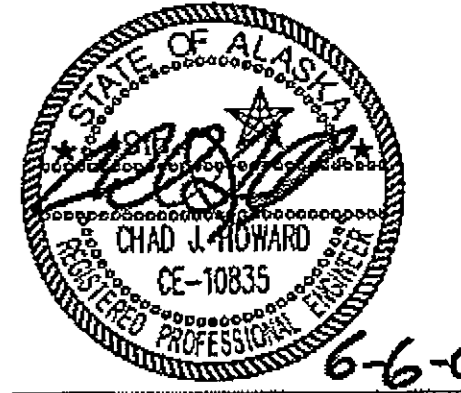
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION



CHECKED BY: C. HOWARD



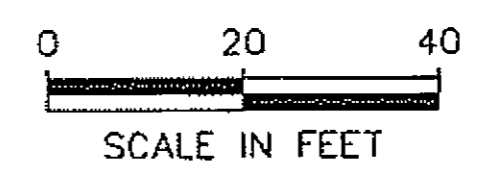
DESIGNED BY: J. WEAVER

DRAWN BY: R. SNYDER

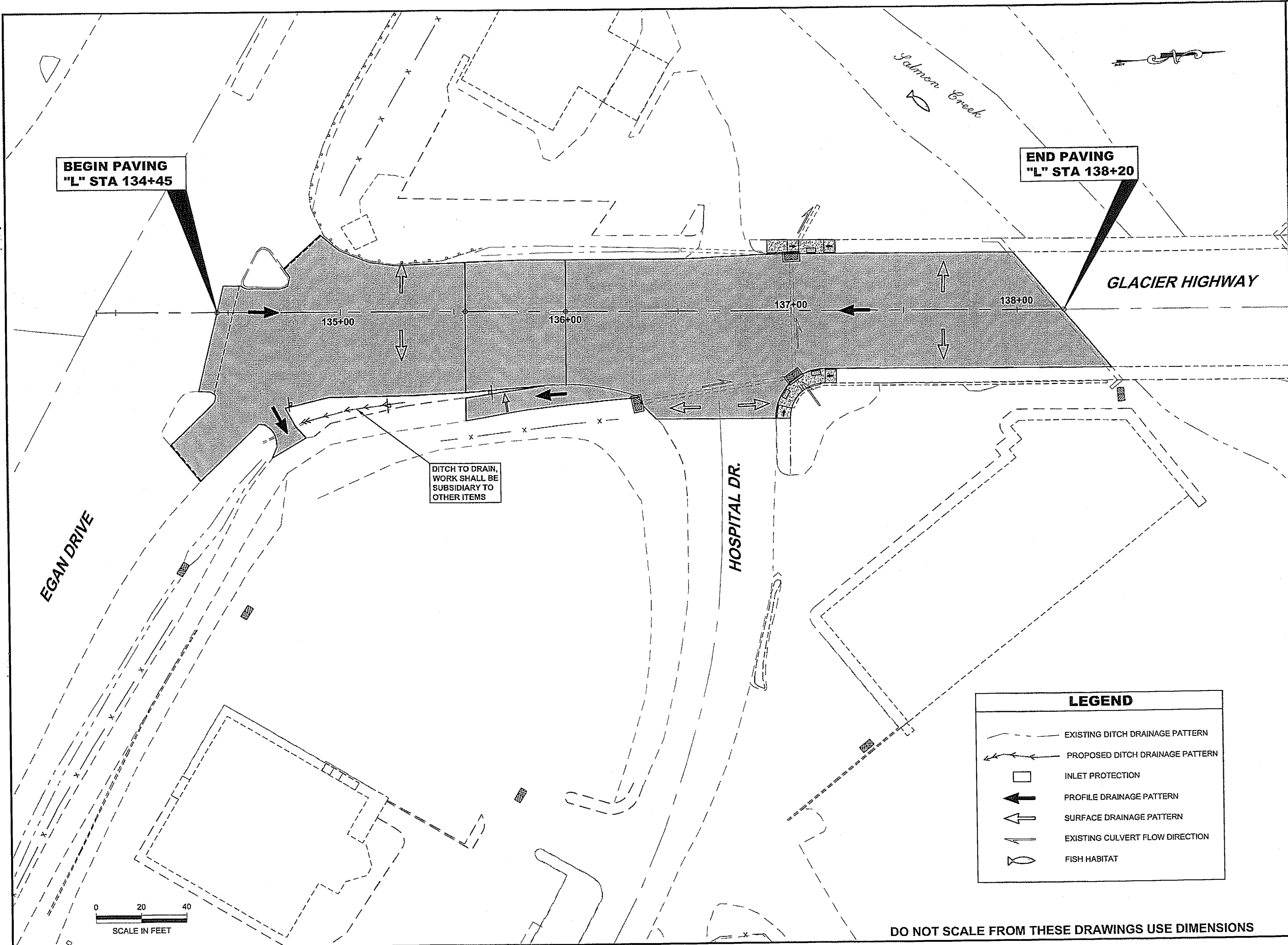
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
DESIGN & ENGINEERING SERVICES
DIVISION-SOUTHEAST REGION
JNU - FFY08
AREAWIDE PAVING
PROJECT NO. 67790
**GLACIER HIGHWAY
TWIN LAKES
PLAN**

PROJECT DESIGNATION
AC-NH-0003(133)

STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
C3	21



DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



**END PAVING
"L" STA 138+20**

**BEGIN PAVING
"L" STA 134+45**

GLACIER HIGHWAY

HOSPITAL DR.

EGAN DRIVE

DITCH TO DRAIN,
WORK SHALL BE
SUBSIDIARY TO
OTHER ITEMS

LEGEND	
	EXISTING DITCH DRAINAGE PATTERN
	PROPOSED DITCH DRAINAGE PATTERN
	INLET PROTECTION
	PROFILE DRAINAGE PATTERN
	SURFACE DRAINAGE PATTERN
	EXISTING CULVERT FLOW DIRECTION
	FISH HABITAT

PATH:
Q:\JUN167790\PLANSET\CA_ESCP-TWIN
LAKES.DWG

TAB: C4 RKSNYDER

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

B.O.P. E.O.P.

GLACIER HIGHWAY

EGAN DRIVE

HOSPITAL DR.

THIS VIEW

PLAN LEGEND

CHECKED BY: C. HOWARD

DESIGNED BY: J. WEAVER

DRAWN BY: R. SNYDER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
DESIGN & ENGINEERING SERVICES
DIVISION-SOUTHEAST REGION
JNU - FFY08
AREAWIDE PAVING
PROJECT NO. 67790
**GLACIER HIGHWAY
TWIN LAKES
EROSION SEDIMENT
CONTROL PLAN**

PROJECT DESIGNATION
AC-NH-0003(133)

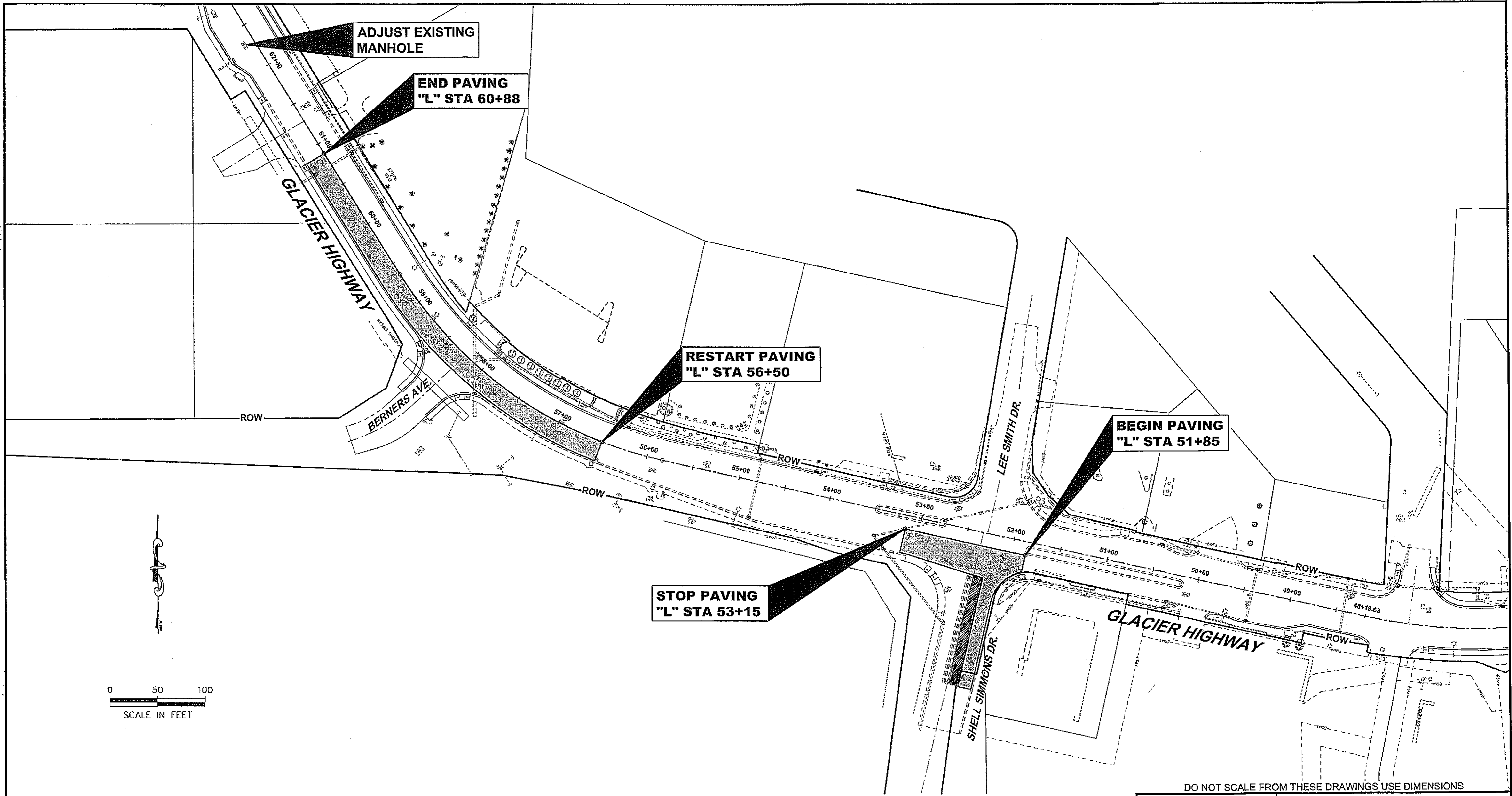
STATE	YEAR
ALASKA	2008

SHEET NUMBER	TOTAL SHEETS
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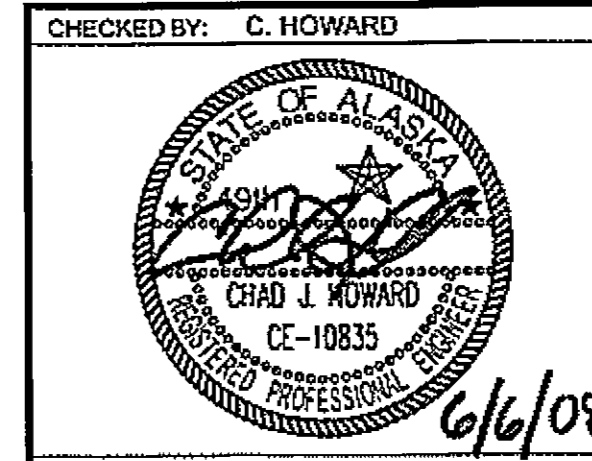
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SCALE IN FEET



DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



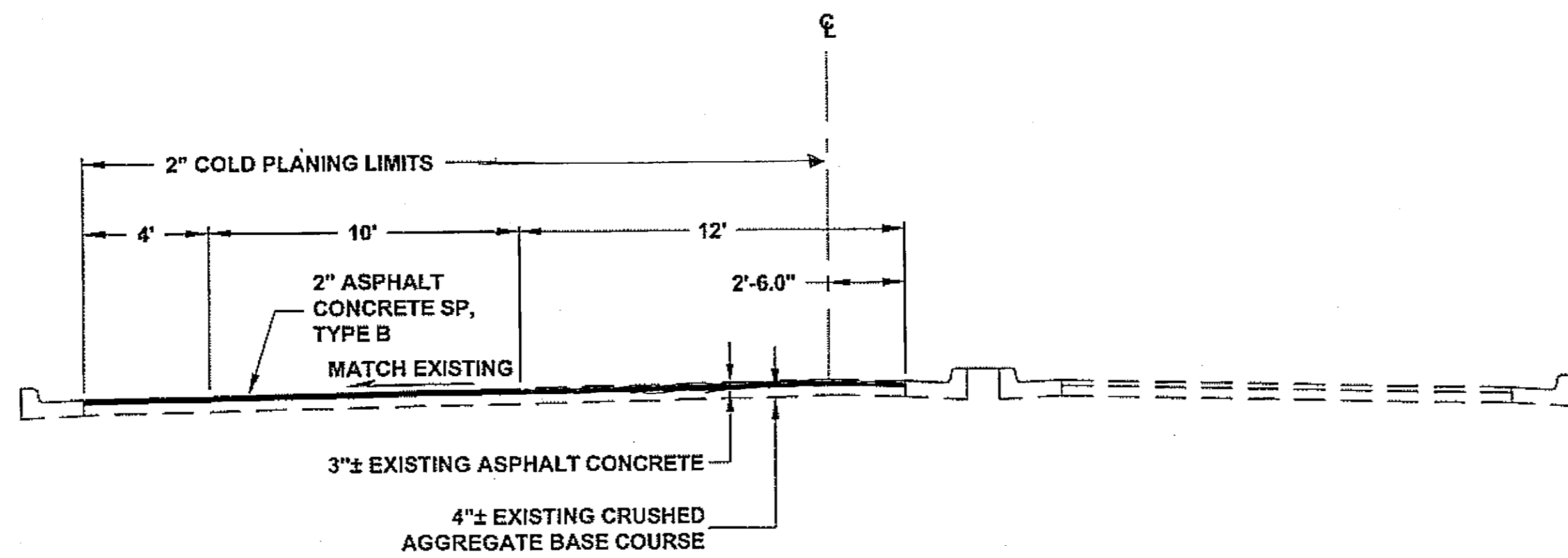
STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION
 & PUBLIC FACILITIES
 SOUTHEAST REGION

**JNU - FFY08
 AREAWIDE PAVING
 PROJECT # 67790
 GLACIER HIGHWAY
 SHELL SIMMONS
 PROJECT LAYOUT PLAN**

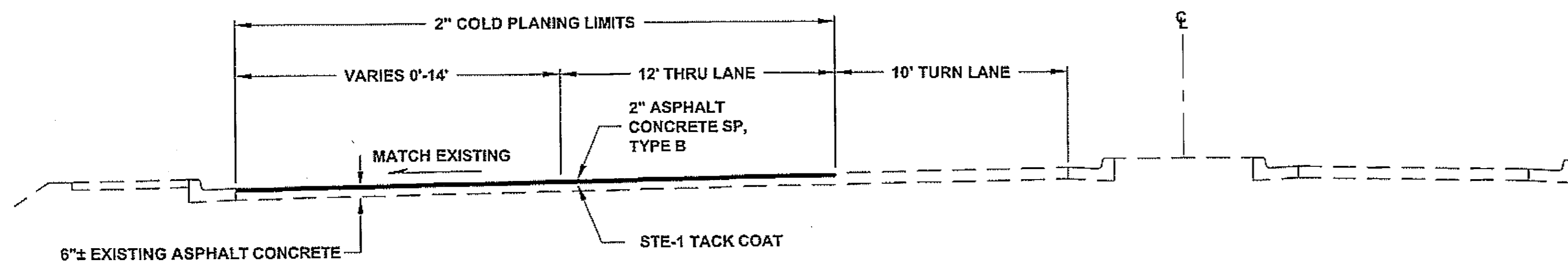
CHECKED BY: C. HOWARD
 DESIGNED BY: J. WEAVER
 DRAWN BY: R. SNYDER

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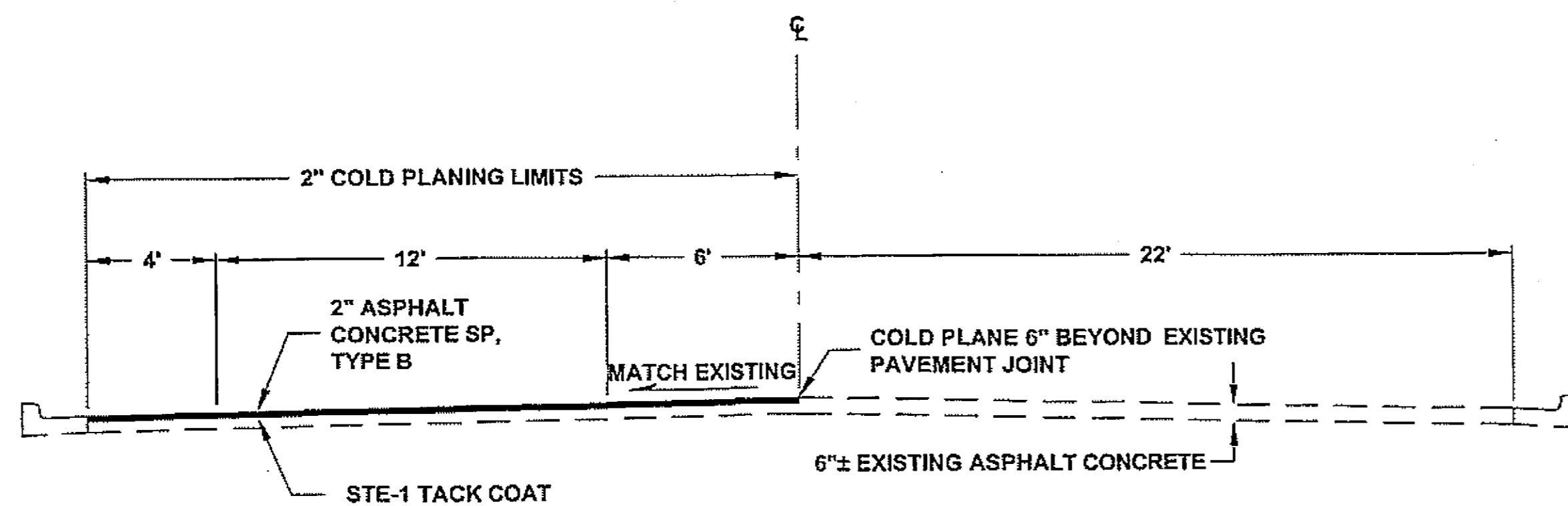
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NO.	DATE	DESCRIPTION				
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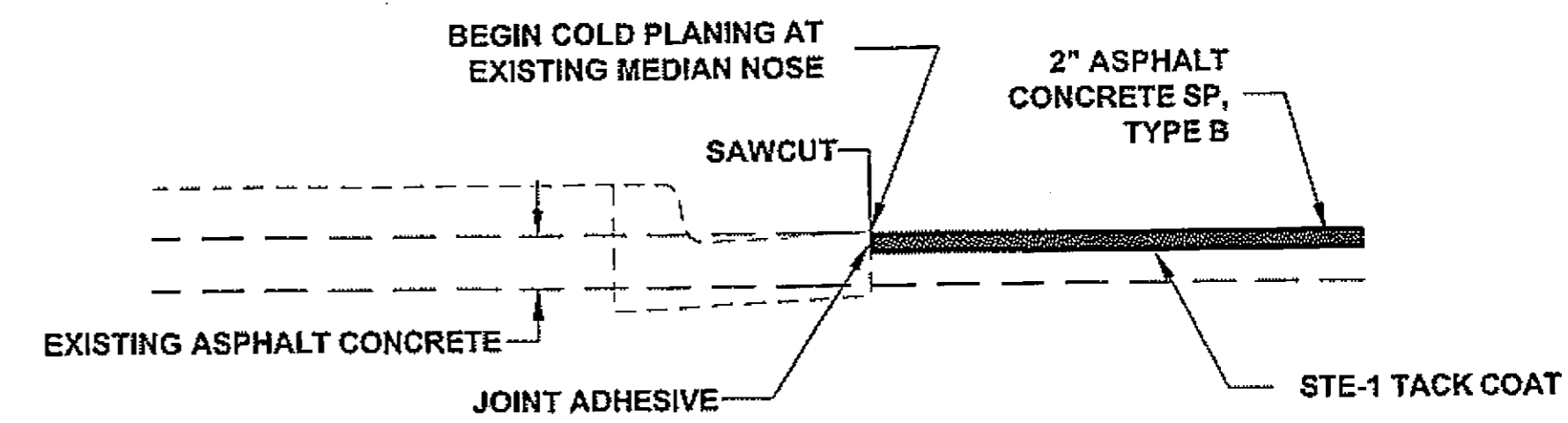
**SHELL SIMMONS DRIVE
TYPICAL SECTION**



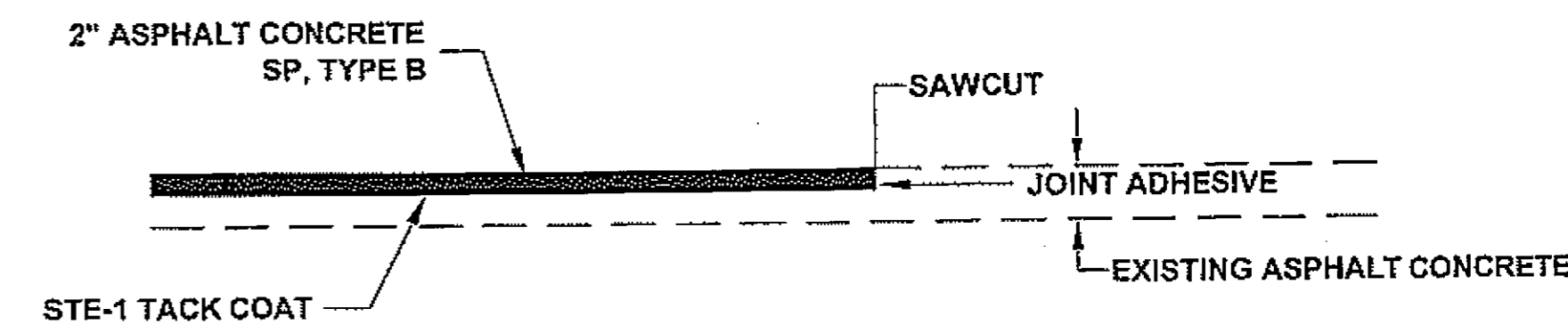
**GLACIER HIGHWAY
TYPICAL SECTION
BOP TO 53+15**



**GLACIER HIGHWAY
TYPICAL SECTION
56+50 TO EOP**



**TRANSITION DETAIL
B.O.P.
N.T.S.**

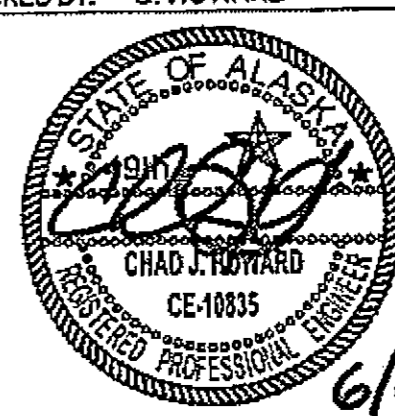


**TRANSITION DETAIL
E.O.P. & LIMIT OF SHELL SIMMONS,
STA. 53+15 & STA. 56+50
N.T.S.**

GENERAL NOTES

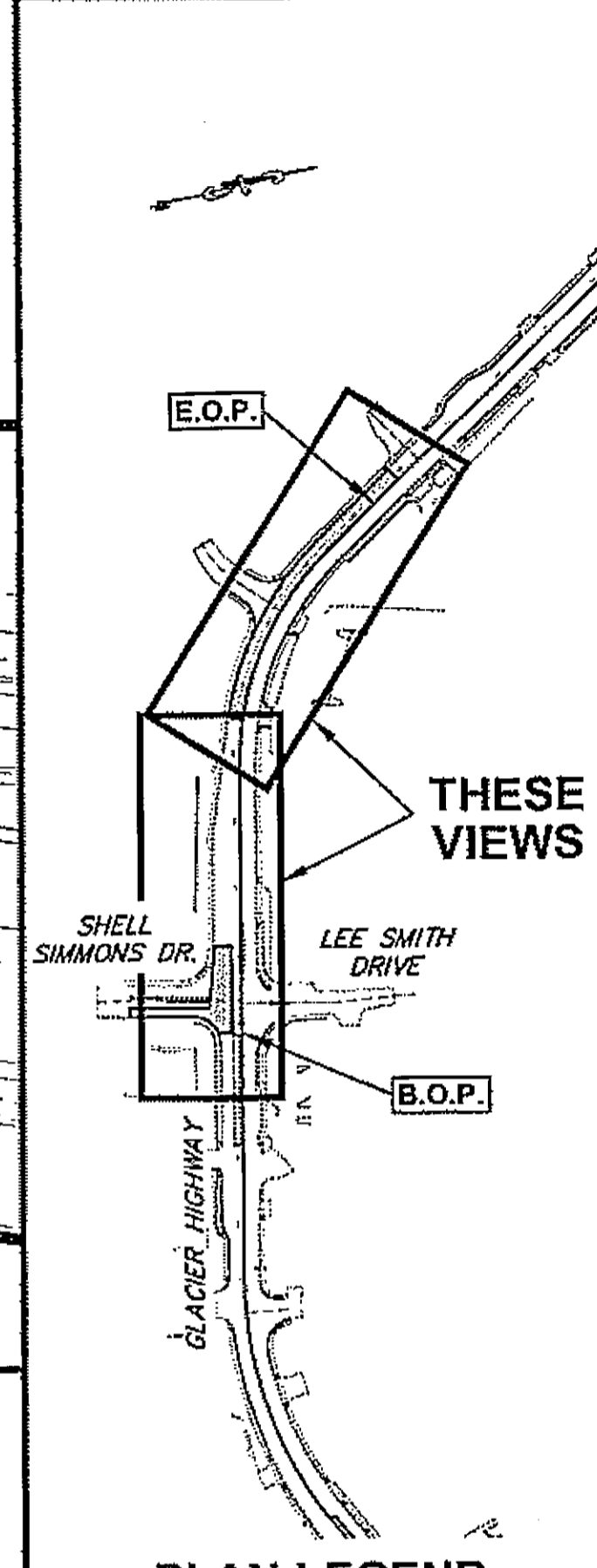
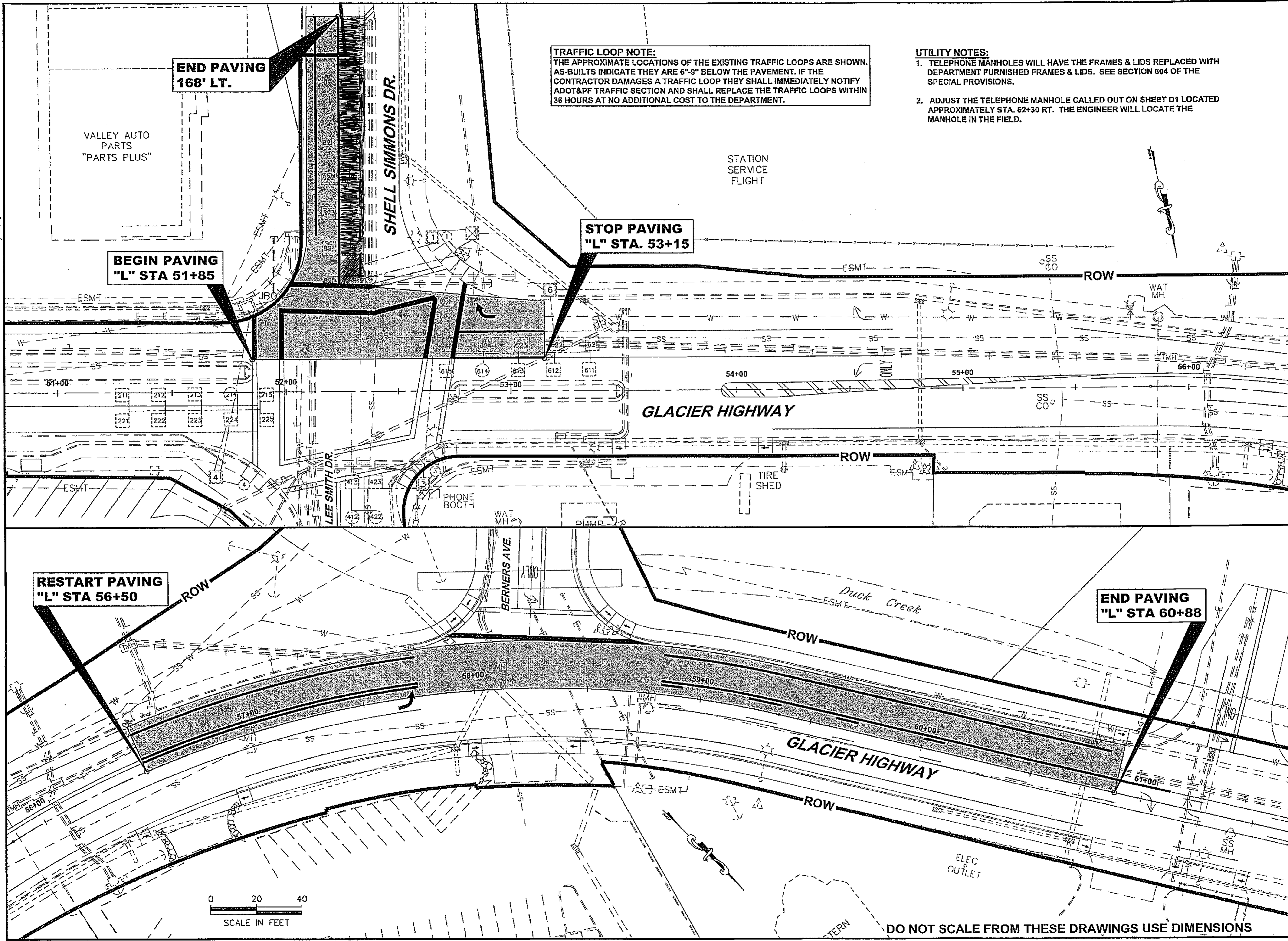
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6. COLD PLANING SHALL LEAVE A CLEAN EDGE AT THE ADJACENT LANE.
7. THE TYPICAL SECTION SHALL BE USED AS GENERAL GUIDELINES FOR AN AREA. THE ENGINEER WILL INDICATE ACTUAL LIMITS OF WORK.
8. SEE SUBSECTION 401-3.14 OF THE SPECIAL REVISIONS REGARDING JOINTS.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD  6/6/08		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION JNU - FFY08 AREAWIDE PAVING PROJECT # 67790 GLACIER HIGHWAY/ SHELL SIMMONS TYPICAL SECTIONS								
DESIGNED BY: J. WEAVER DRAWN BY: R. SNYDER		RKSNYDER								
PATH: Q:\JNU\67790\PLANSET\T2_TYPS-SHELL SIMMONS.DWG TAB: 02		PROJECT DESIGNATION AC-NH-0003(133)								
REVISIONS <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		NO.	DATE	DESCRIPTION				YEAR 2008	SHEET NO. D2	TOTAL SHEETS 21
NO.	DATE	DESCRIPTION								

TRAFFIC LOOP NOTE:
 THE APPROXIMATE LOCATIONS OF THE EXISTING TRAFFIC LOOPS ARE SHOWN. AS-BUILTS INDICATE THEY ARE 6"-9" BELOW THE PAVEMENT. IF THE CONTRACTOR DAMAGES A TRAFFIC LOOP THEY SHALL IMMEDIATELY NOTIFY ADOT&PF TRAFFIC SECTION AND SHALL REPLACE THE TRAFFIC LOOPS WITHIN 36 HOURS AT NO ADDITIONAL COST TO THE DEPARTMENT.

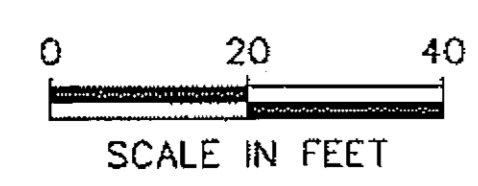
UTILITY NOTES:
 1. TELEPHONE MANHOLES WILL HAVE THE FRAMES & LIDS REPLACED WITH DEPARTMENT FURNISHED FRAMES & LIDS. SEE SECTION 604 OF THE SPECIAL PROVISIONS.
 2. ADJUST THE TELEPHONE MANHOLE CALLED OUT ON SHEET D1 LOCATED APPROXIMATELY STA. 62+30 RT. THE ENGINEER WILL LOCATE THE MANHOLE IN THE FIELD.



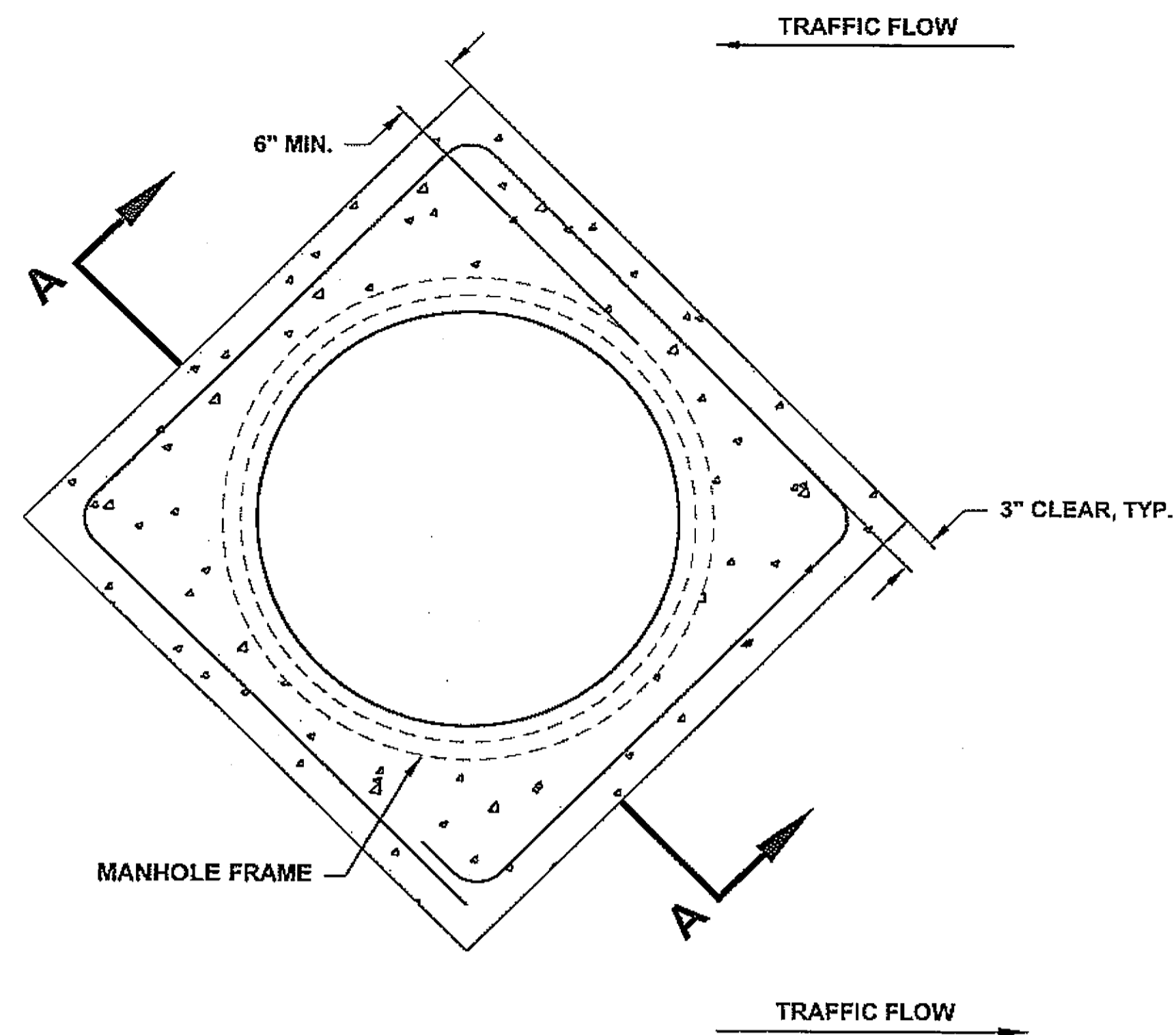
CHECKED BY: C. HOWARD

 DESIGNED BY: J. WEAVER
 DRAWN BY: R. SNYDER

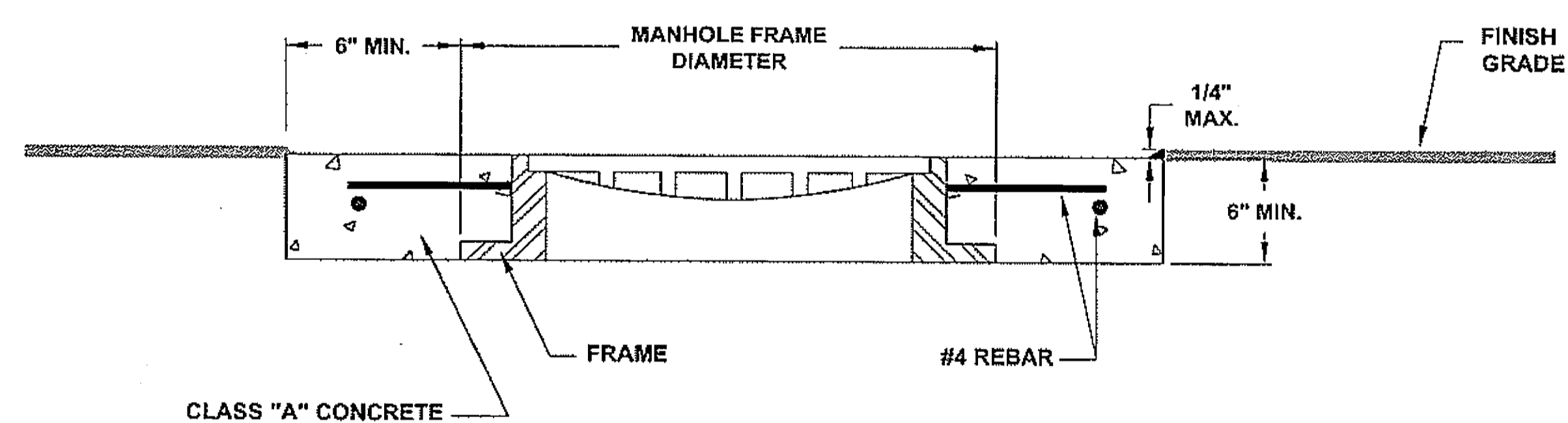
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES DESIGN & ENGINEERING SERVICES DIVISION-SOUTHEAST REGION JNU - FFY08 AREAWIDE PAVING PROJECT NO. 67790	
GLACIER HIGHWAY SHELL SIMMONS PLAN	
PROJECT DESIGNATION AC-NH-0003(133)	
STATE ALASKA	YEAR 2008
SHEET NUMBER D3	TOTAL SHEETS 21



DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



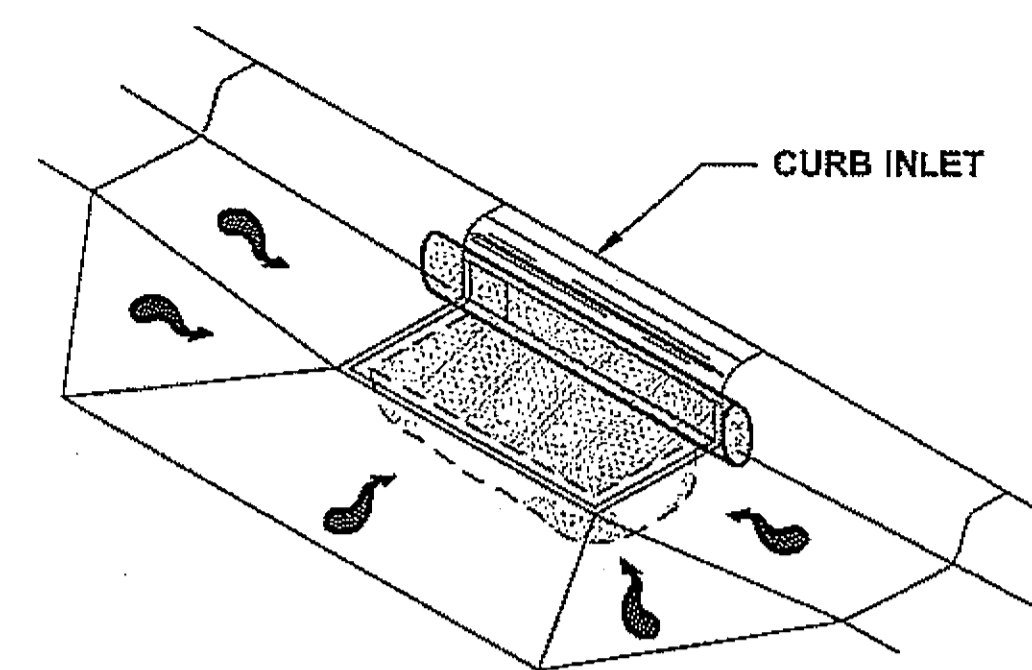
PLAN VIEW



SECTION A-A

CONCRETE COLLAR DETAIL

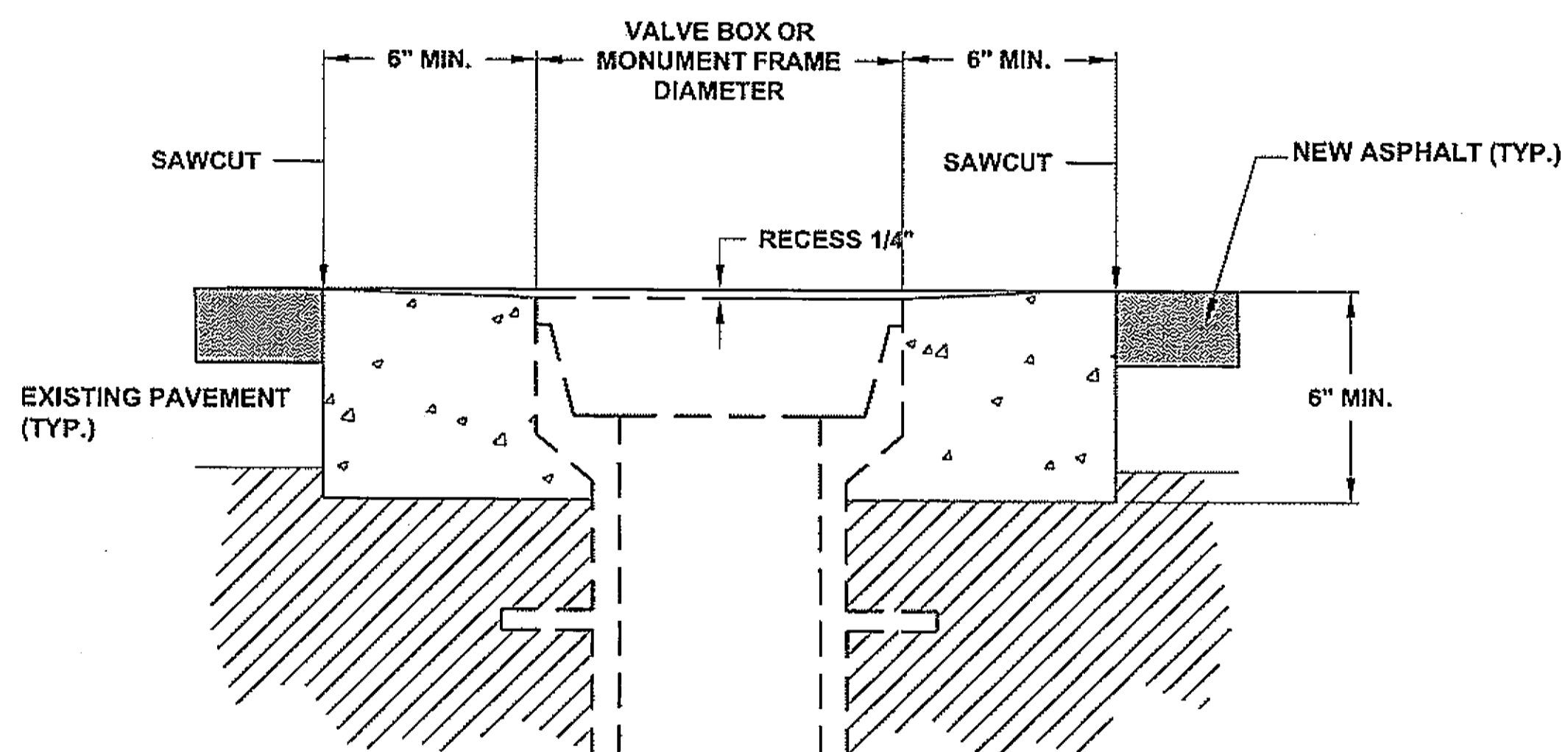
N.T.S.



CURB INLET PROTECTION DETAIL

N.T.S.

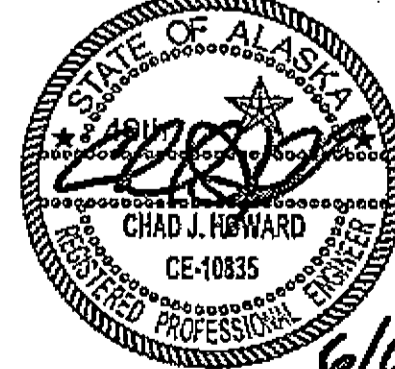
NOTE:
USE IMPERVIOUS GEOTEXTILE TO PROTECT INLET DURING COLD PLANING.
WITH THE APPROVAL OF THE ENGINEER, WHEN COLD PLANING IS COMPLETED,
INLET PROTECTION MAY BE REMOVED AFTER THE PROJECT AREA IS SWEEPED
WITH A PICKUP BROOM.



VALVE BOX OR MONUMENT ADJUSTMENT DETAIL

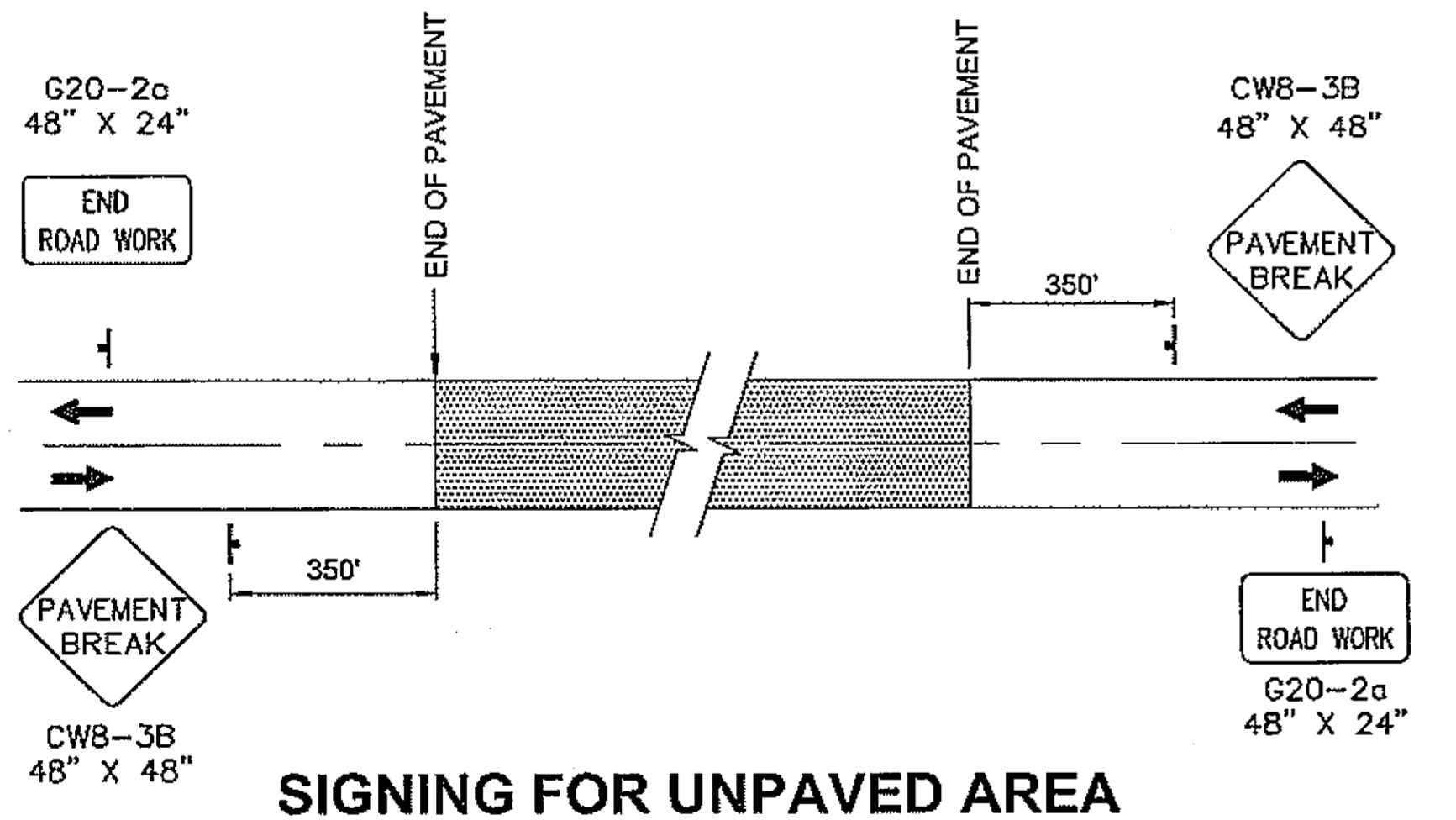
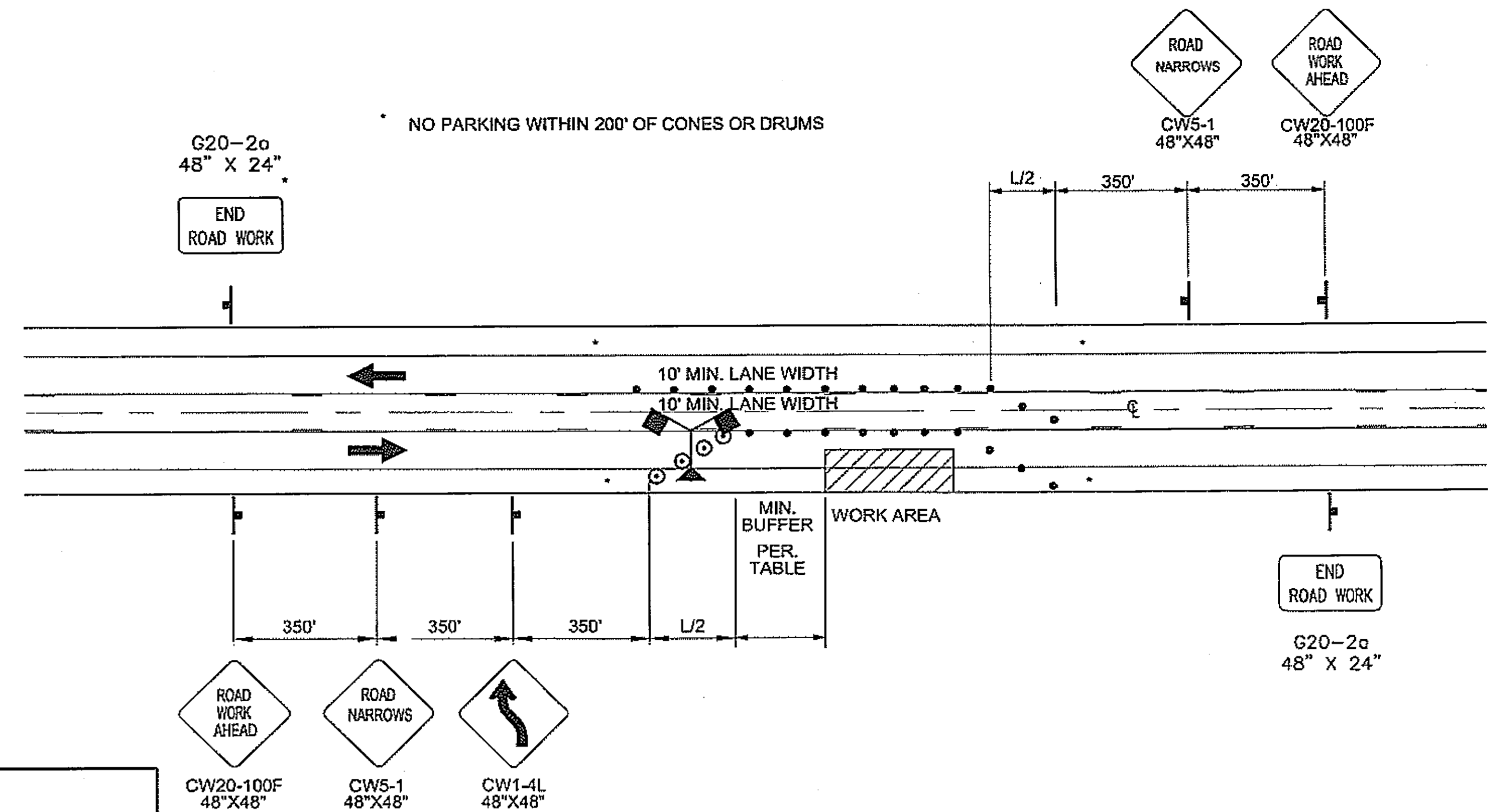
N.T.S.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION JNU - FFY08 AREAWIDE PAVING PROJECT # 67790 MISCELLANEOUS DETAILS																		
DESIGNED BY: J. WEAVER DRAWN BY: R. SNYDER P.A.T.H.: O:\JNU\67790\PLANS\SET1\F1_MISC DETS.DWG TAB: F1		JMWEAVER																		
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TRAFFIC CONTROL NOTES

1. TWO WAY TRAFFIC WILL BE MAINTAINED WHERE POSSIBLE.
2. IT IS THE INTENT OF THIS TRAFFIC CONTROL PLAN (TCP) TO ILLUSTRATE SOME BUT NOT ALL OF THE TRAFFIC CONTROL CONFIGURATIONS THAT WILL BE REQUIRED BY THIS PROJECT. TRAFFIC CONTROL PLANS FOR CONFIGURATIONS NOT COVERED BY THIS TCP SHALL BE DEVELOPED AND SUBMITTED FOR APPROVAL BY ENGINEER PRIOR TO USE.
3. TRAFFIC LANES SHALL BE A MINIMUM OF 10 FEET WIDE.
4. TEMPORARY PAVEMENT MARKINGS MAY BE REQUIRED AS DESCRIBED IN SECTION 643-3.09 OF THE SPECIFICATIONS.
5. ACCESS TO BUSINESSES AND HOMES WILL BE OPENED WITHIN ONE HOUR AFTER THE GRINDING OPERATION. ACCESS TO BARTLETT REGIONAL HOSPITAL SHALL BE MAINTAINED AT ALL TIMES.
6. TO KEEP THE PUBLIC INFORMED OF CONSTRUCTION ACTIVITIES, USE THE LOCAL NEWS MEDIA. NEWS RELEASES SHALL BE APPROVED BY THE ENGINEER PRIOR TO THEIR RELEASE. NEWS RELEASES WILL BE REQUIRED BUT NOT LIMITED TO, THE ONSET OF WORK, GRINDING, PAVING, AND CHANGES IN THE LANE CONFIGURATIONS.
7. ALL TRAFFIC CONTROL PLANS SUBMITTED BY THE CONTRACTOR SHALL BE NUMBERED. ALL TRAFFIC CONTROL PLANS THAT USE A TYPICAL APPLICATION AS DESCRIBED IN THE MUTCD SHALL REFERENCE THE TYPICAL APPLICATION. EXAMPLE: TCP 3, MUTCD TA-10.
8. ORANGE CONSTRUCTION SIGNS SHALL USE TYPE VIII OR IX FLOURESCENT SHEETING AS DETAILED IN SECTION 643 OF THE SPECIAL PROVISIONS.
9. ALL WORK SHALL BE DONE FROM 6PM TO 7AM OR AS APPROVED BY THE ENGINEER.
10. FOR WORK NEAR TRAFFIC SIGNALS FLAGGERS ARE PROHIBITED FROM FLAGGING TRAFFIC WHILE A SIGNAL IS IN OPERATION. IF YOU WISH TO TURN A SIGNAL OFF TO ALLOW FLAGGING THRU AN INTERSECTION, PROVIDE WRITTEN NOTICE TO THE ENGINEER A MINIMUM OF 7 CALENDAR DAYS PRIOR SO THE ENGINEER CAN COORDINATE WITH THE DOT TRAFFIC SECTION.



LEGEND

- SIGN
- CONE
- DRUM
- TYPE III BARRICADE
- FLAGGING STATION
- HI-LEVEL WARNING DEVICE

FORMULAS FOR L (TAPER LENGTH)

40 MPH OR LESS $L = \frac{W \times S^2}{60}$

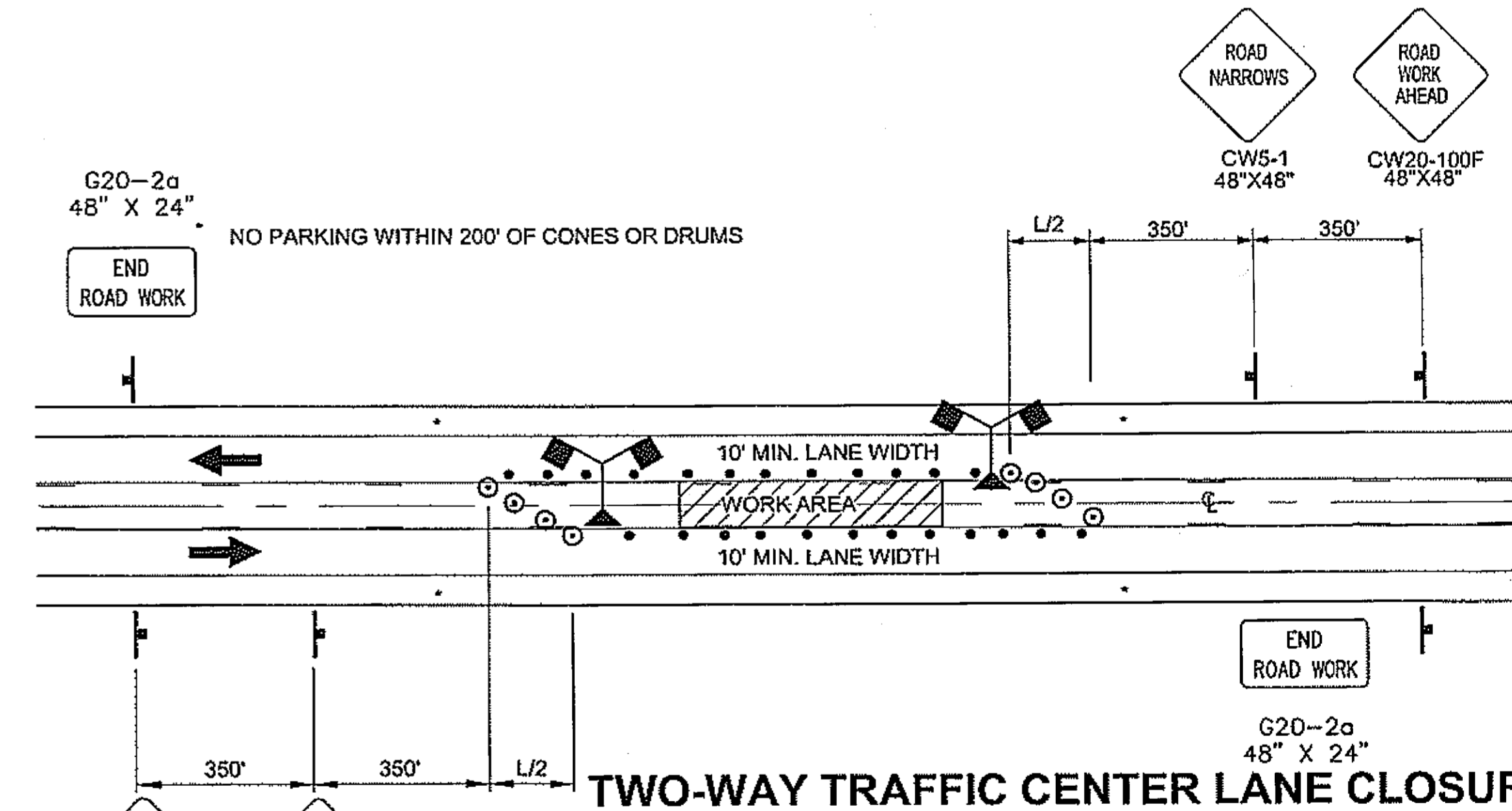
45 MPH OR GREATER $L = W \times S$

WHERE W= WIDTH OF OFFSET

S= POSTED SPEED LIMIT OR ANTICIPATED OPERATING SPEED

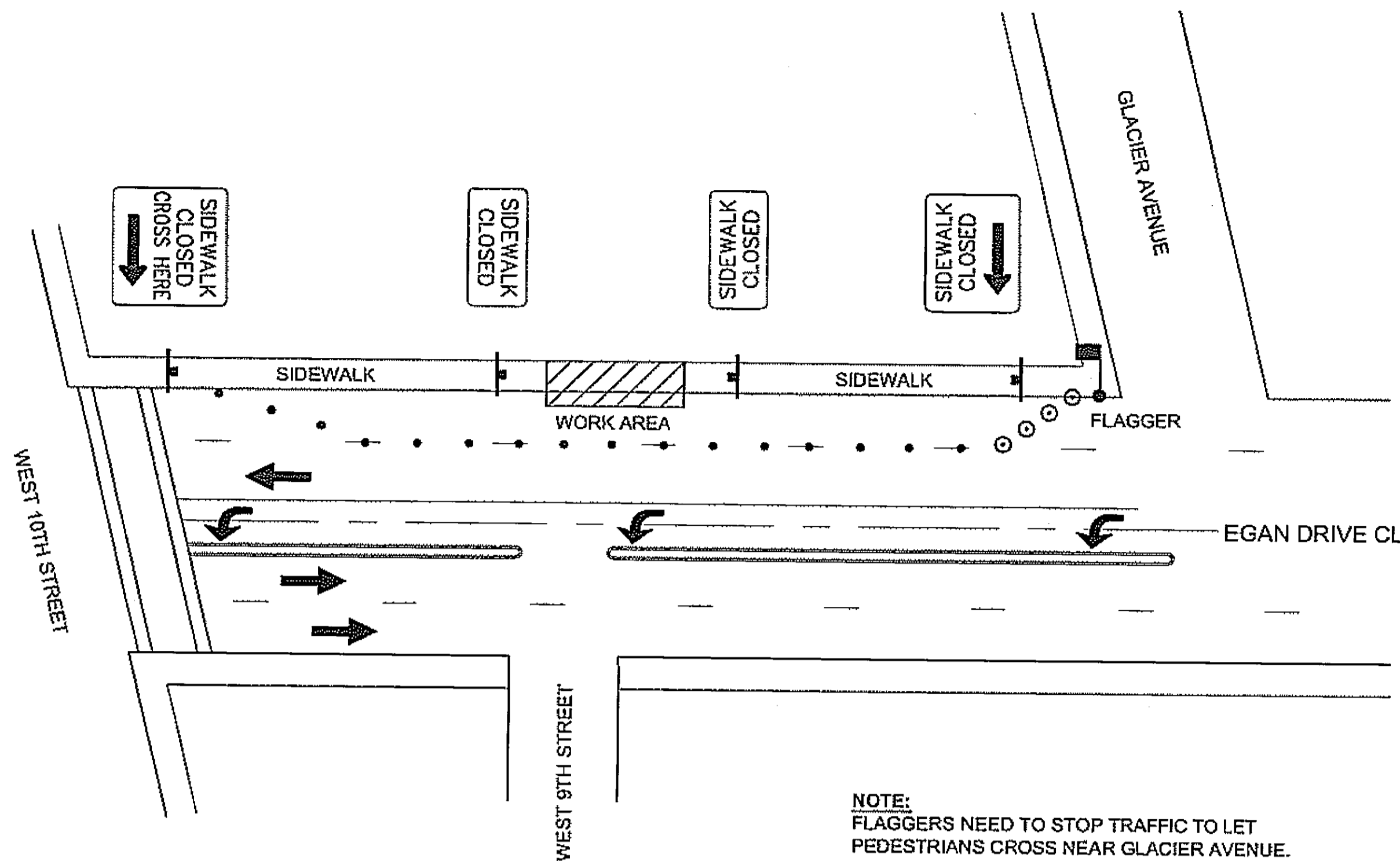
MAXIMUM DRUM OR CONE SPACING = S (IN FEET) FOR TAPERS
= 2S (IN FEET) FOR TANGENTS

MIN. BUFFER	
S	LENGTH
20	115
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645



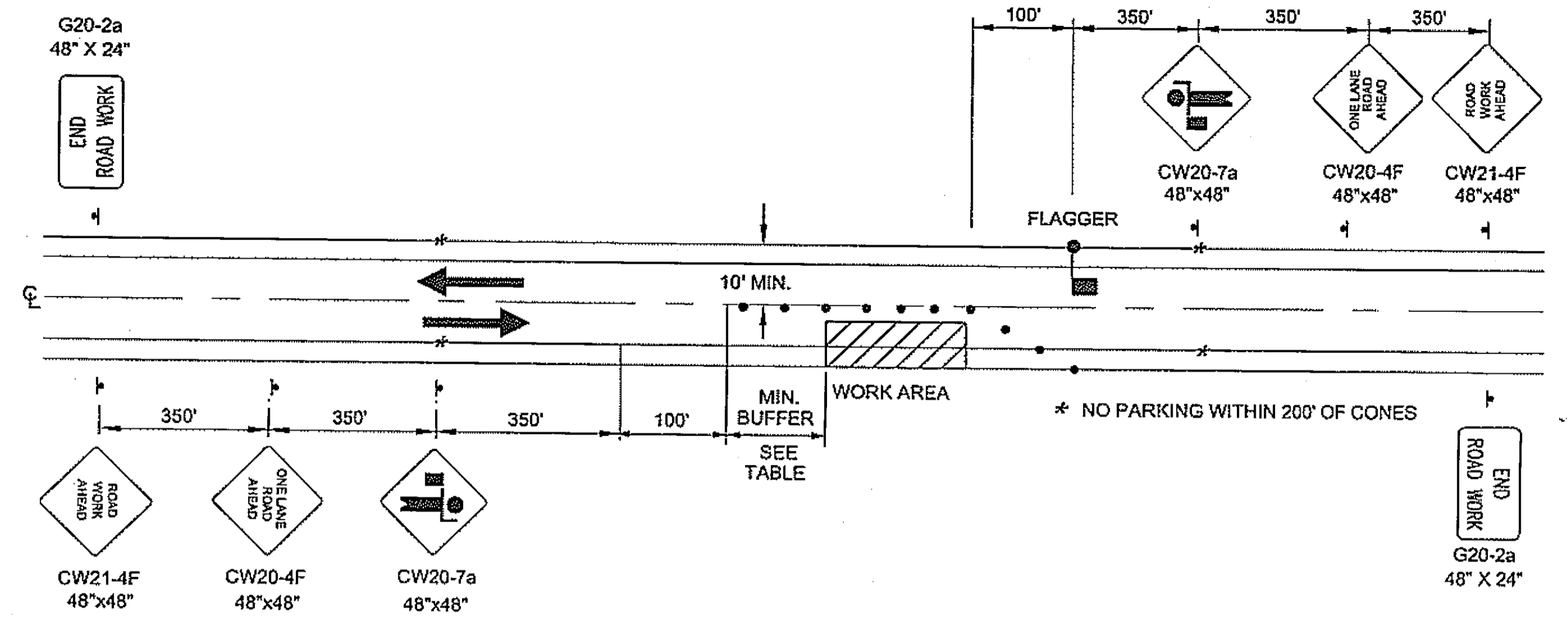
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD 	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION JNU - FFYO8 AREAWIDE PAVING PROJECT # 67790																					
DESIGNED BY: J. WEAVER DRAWN BY: R. SNYDER PATH: Q:\UNU\67790\PLANS\SETG_TCP.DWG TAB: G1	TRAFFIC CONTROL PLAN RKSNYDER																					
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EGAN DRIVE SIDEWALK CLOSURE

NOTE:
FLAGGERS NEED TO STOP TRAFFIC TO LET
PEDESTRIANS CROSS NEAR GLACIER AVENUE.



**TWO LANE ROAD - SINGLE LANE CLOSURE
DOUBLE FLAGGER**

LEGEND

- SIGN
- CONE
- DRUM
- TYPE III BARRICADE
- FLAGGING STATION
- HI-LEVEL WARNING DEVICE

FORMULAS FOR L (TAPER LENGTH)

40 MPH OR LESS $L = \frac{W \times S^2}{60}$

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WHERE W= WIDTH OF OFFSET
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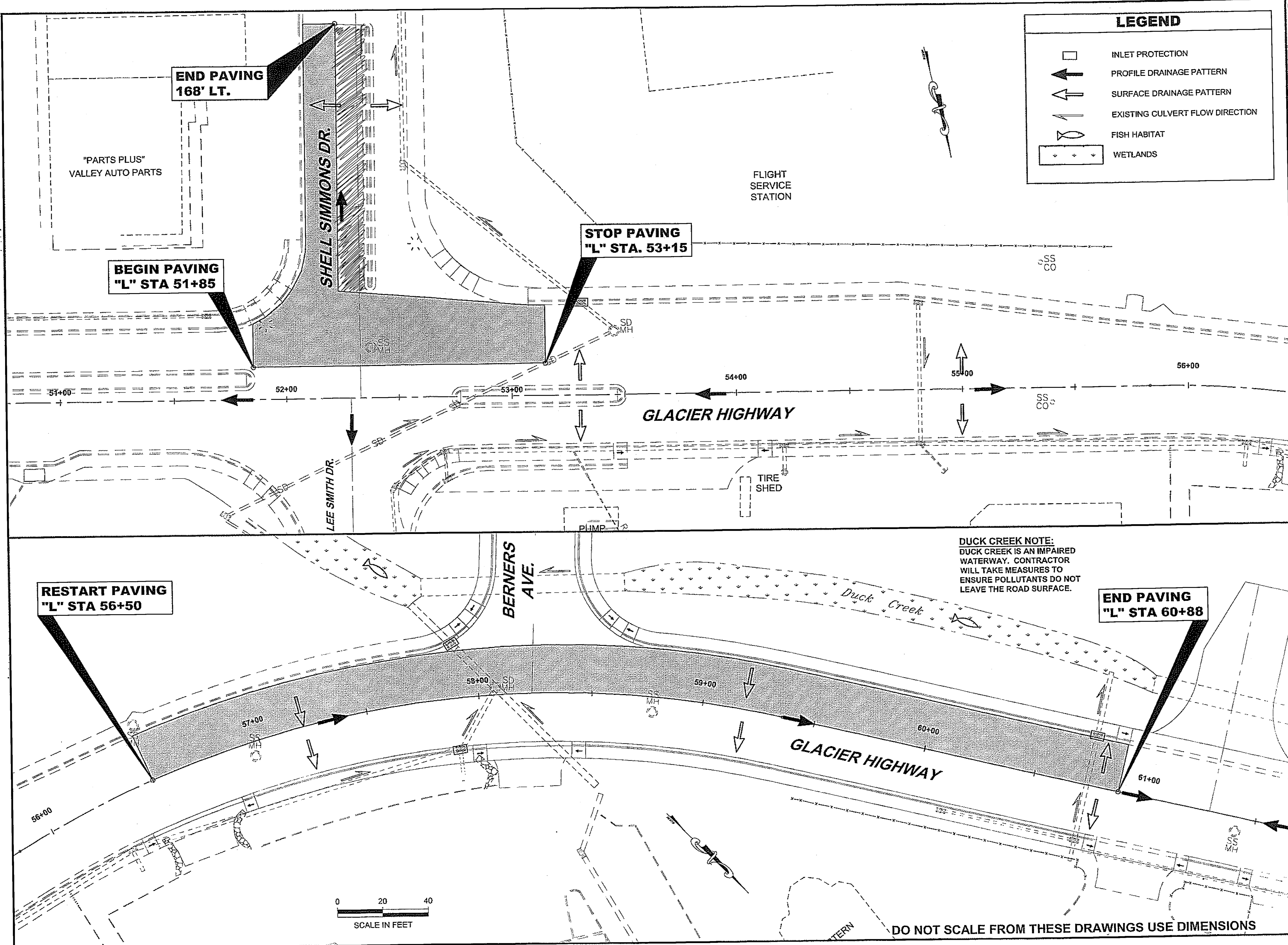
MAXIMUM DRUM OR
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= 2S (IN FEET) FOR TANGENTS

S	LENGTH
20	115
25	155
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06/23/08
 JNU
 AREAWIDE PAVING
 PROJECT # 67790
 RKSNYDER



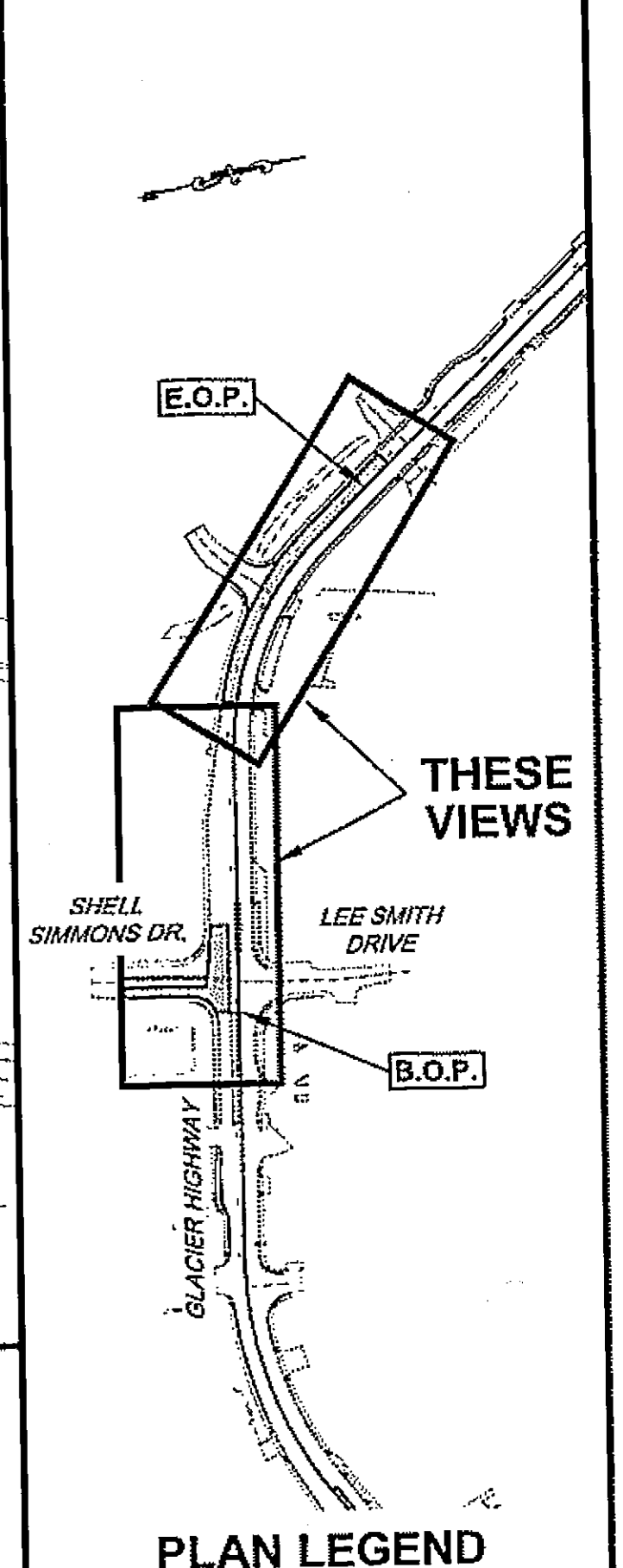
LEGEND

- INLET PROTECTION
- PROFILE DRAINAGE PATTERN
- SURFACE DRAINAGE PATTERN
- EXISTING CULVERT FLOW DIRECTION
- FISH HABITAT
- WETLANDS

PATH: Q:\JUN167790\PLANS\SET04_ESCP-SHELL SIMMONS.DWG

TAB: D4 JMWEAVER

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



DUCK CREEK NOTE:
 DUCK CREEK IS AN IMPAIRED WATERWAY. CONTRACTOR WILL TAKE MEASURES TO ENSURE POLLUTANTS DO NOT LEAVE THE ROAD SURFACE.

CHECKED BY: C. HOWARD

DESIGNED BY: J. WEAVER

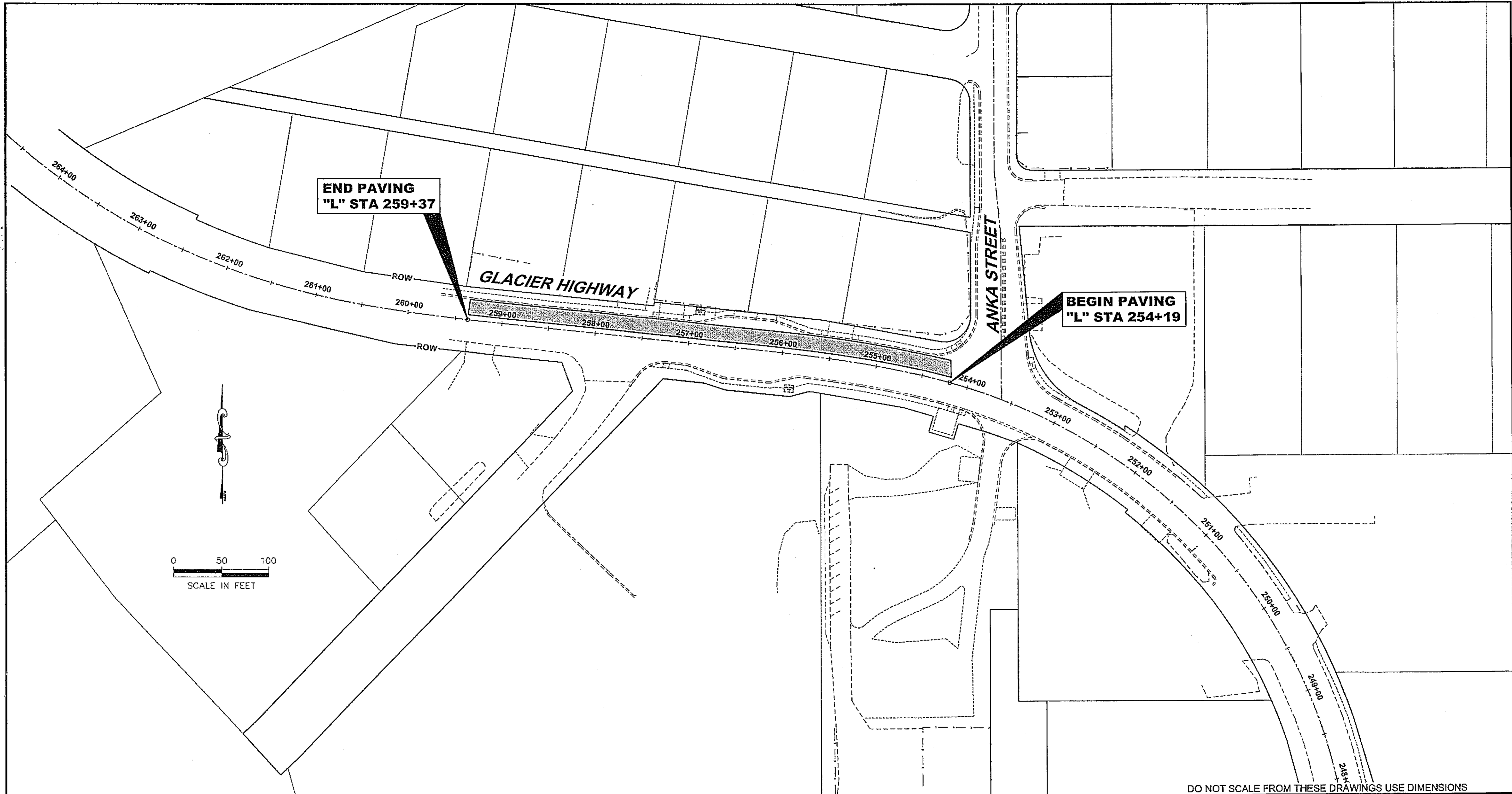
DRAWN BY: R. SNYDER

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 DESIGN & ENGINEERING SERVICES
 DIVISION - SOUTHEAST REGION
 JNU - FFY08
 AREAWIDE PAVING
 PROJECT NO. 67790

GLACIER HIGHWAY SHELL SIMMONS ESCP


PROJECT DESIGNATION	
AC-NH-0003(133)	
STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
D4	21

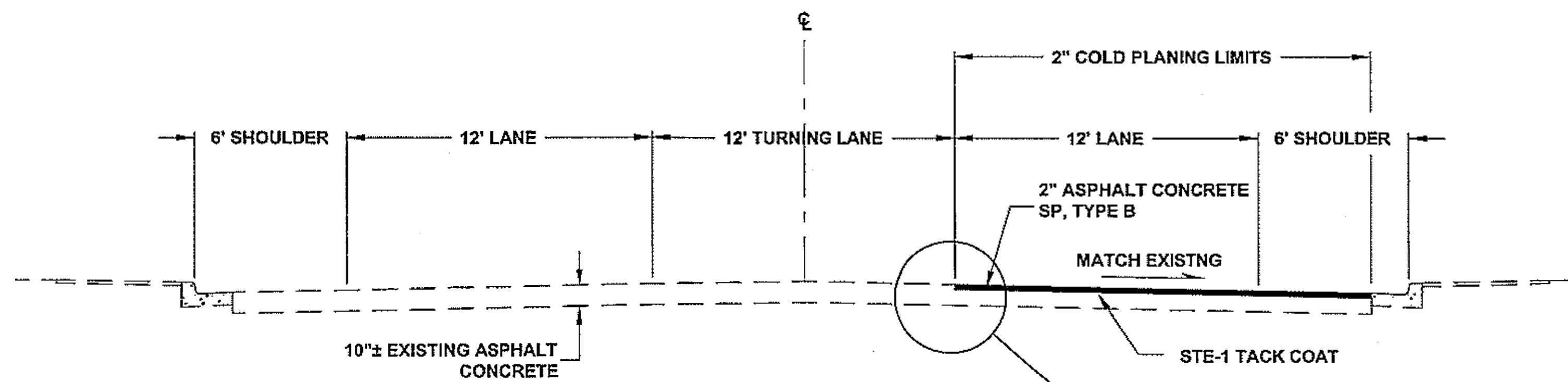
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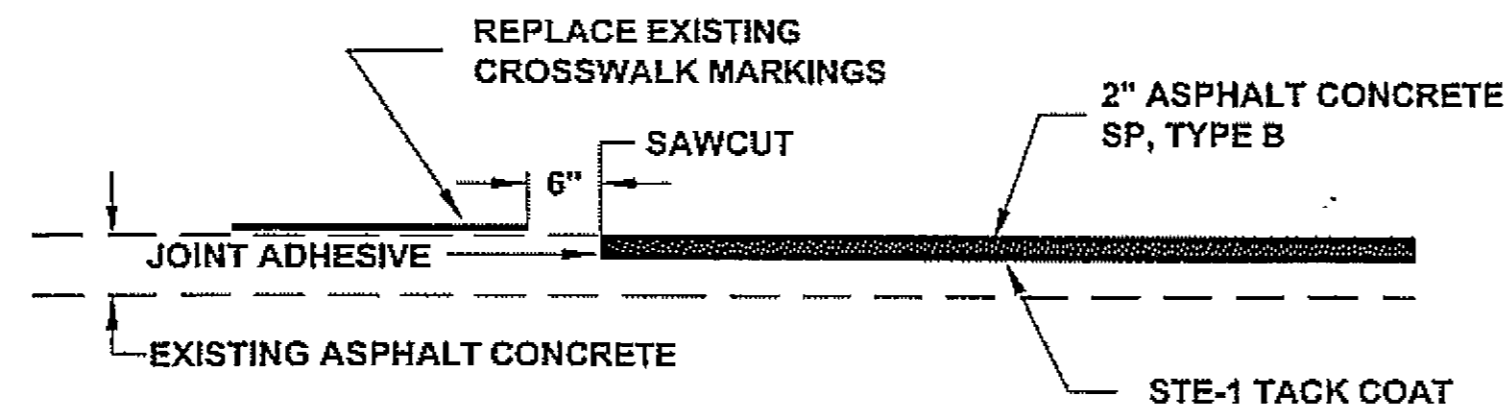
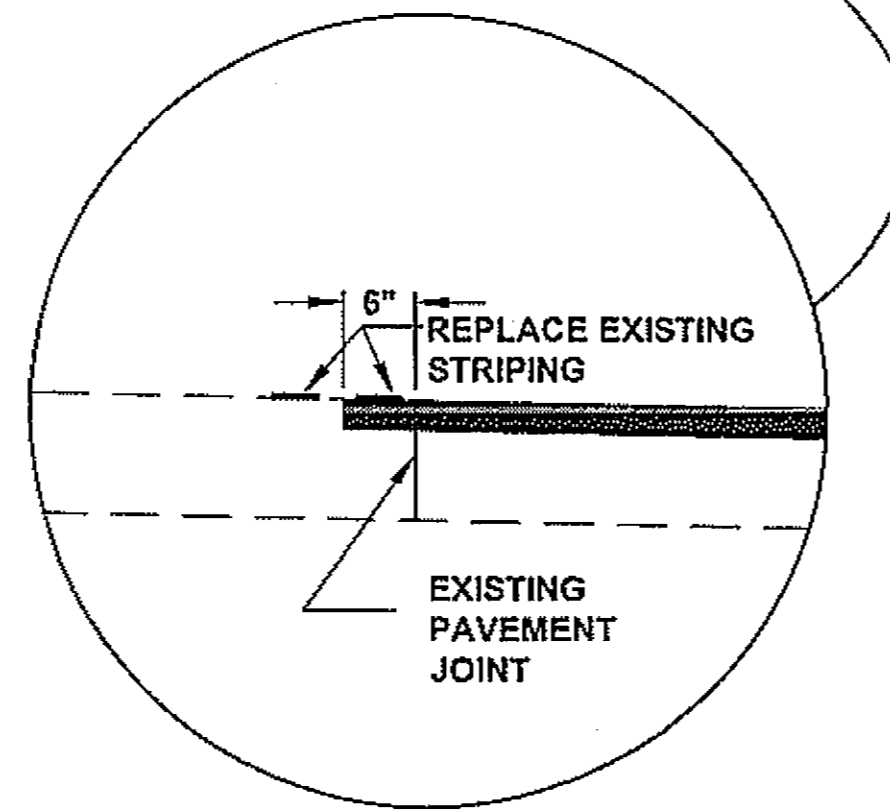
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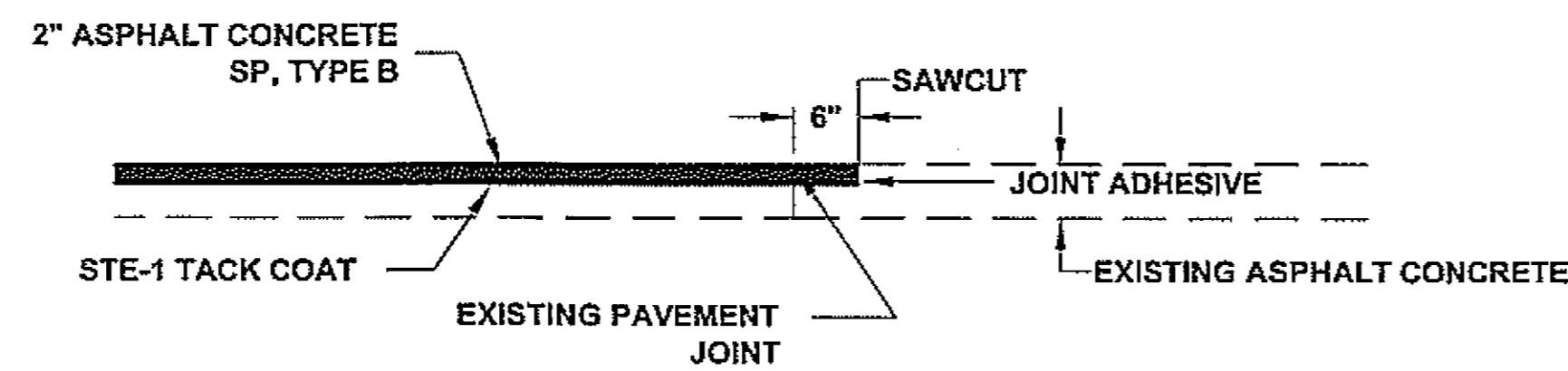
CHECKED BY: C. HOWARD  DESIGNED BY: J. WEAVER DRAWN BY: R. SNYDER PATH: Q:\JUN167790\PLANS\ET1_PROJECT-LEMION ANKA.DWG TAB: E1	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION JNU - FFY08 AREAWIDE PAVING PROJECT # 67790 GLACIER HIGHWAY LEMON / ANKA ADDITIVE ALTERNATE A PROJECT LAYOUT PLAN																	
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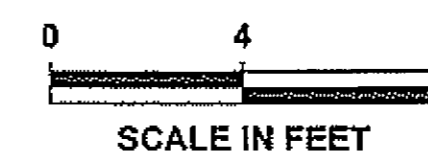
**GLACIER HIGHWAY
TYPICAL SECTION**



**TRANSITION DETAIL
B.O.P.**



**TRANSITION DETAIL
E.O.P.**

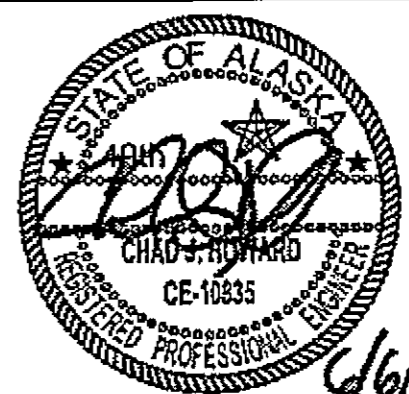


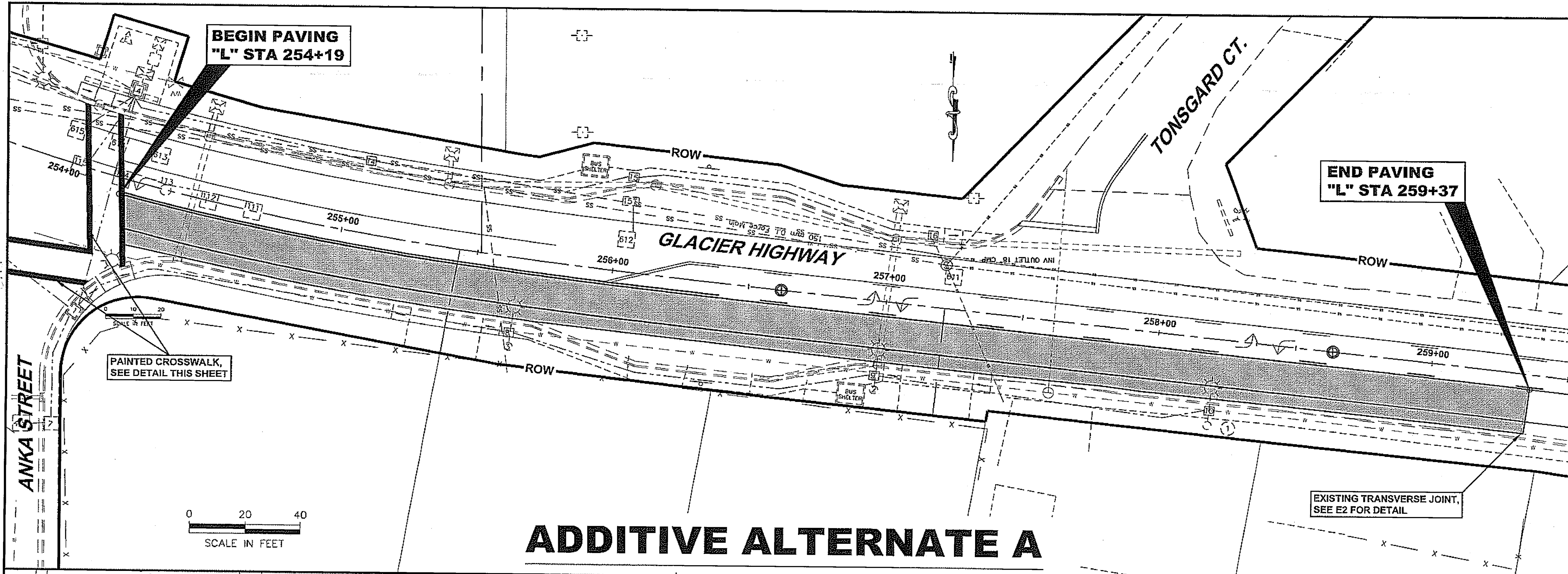
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7. THE TYPICAL SECTION SHALL BE USED AS GENERAL GUIDELINES FOR AN AREA. THE ENGINEER WILL INDICATE ACTUAL LIMITS OF WORK.
8. SEE SUBSECTION 401-3.14 OF THE SPECIAL REVISIONS REGARDING JOINTS.

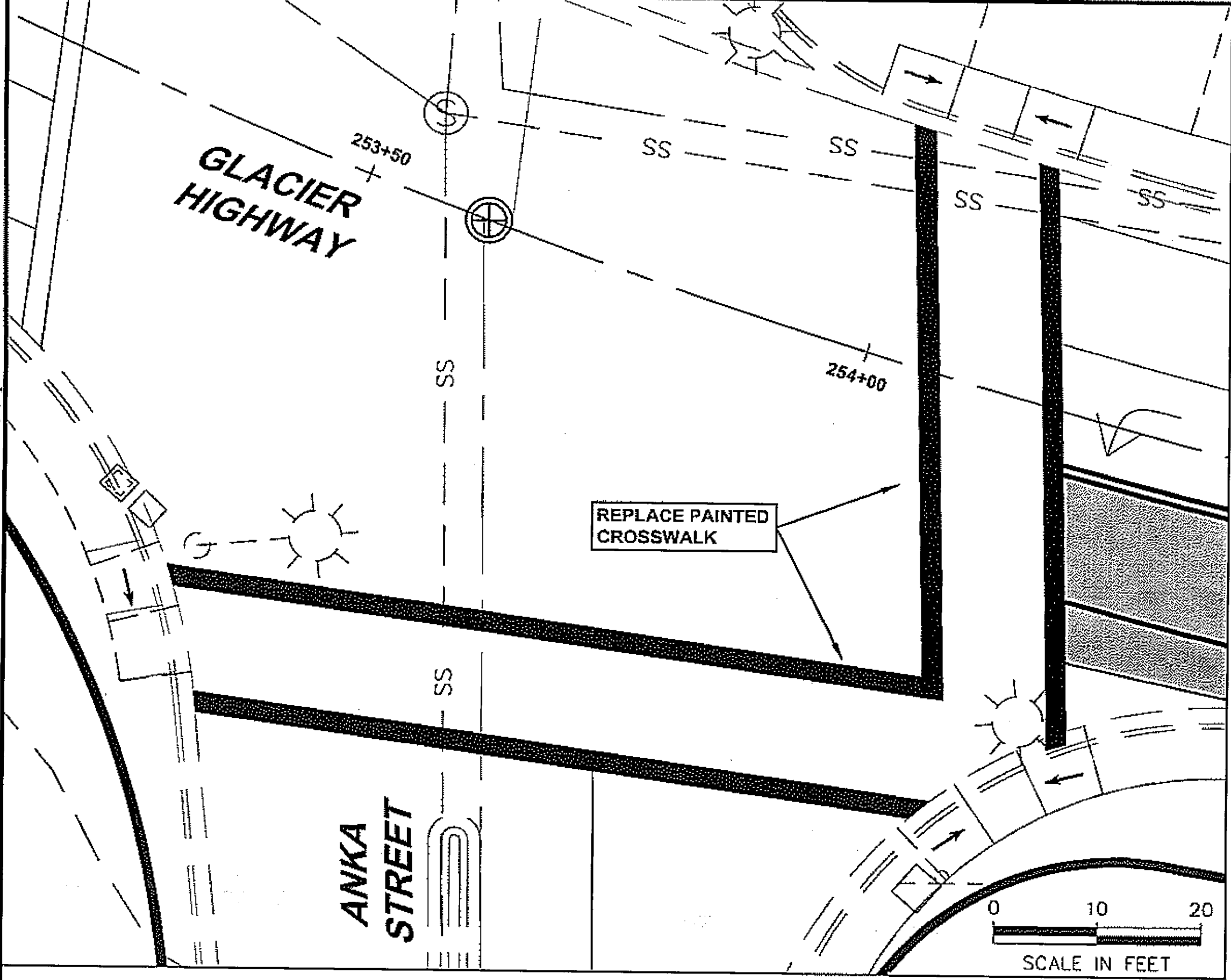
ADDITIVE ALTERNATE A

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. HOWARD 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION												
DESIGNED BY: J. WEAVER DRAWN BY: R. SNYDER		JNU - FFY08 AREAWIDE PAVING PROJECT # 67790 GLACIER HIGHWAY ADDITIVE ALTERNATE A LEMON / ANKA AREA TYPICAL SECTIONS												
PATH: Q:\JNU\67790\PLANS\ET2_TYPS-LEMON ANKA.DWG TAB: E2		RKSNYDER												
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REVISIONS														
NO.	DATE	DESCRIPTION												



ADDITIVE ALTERNATE A

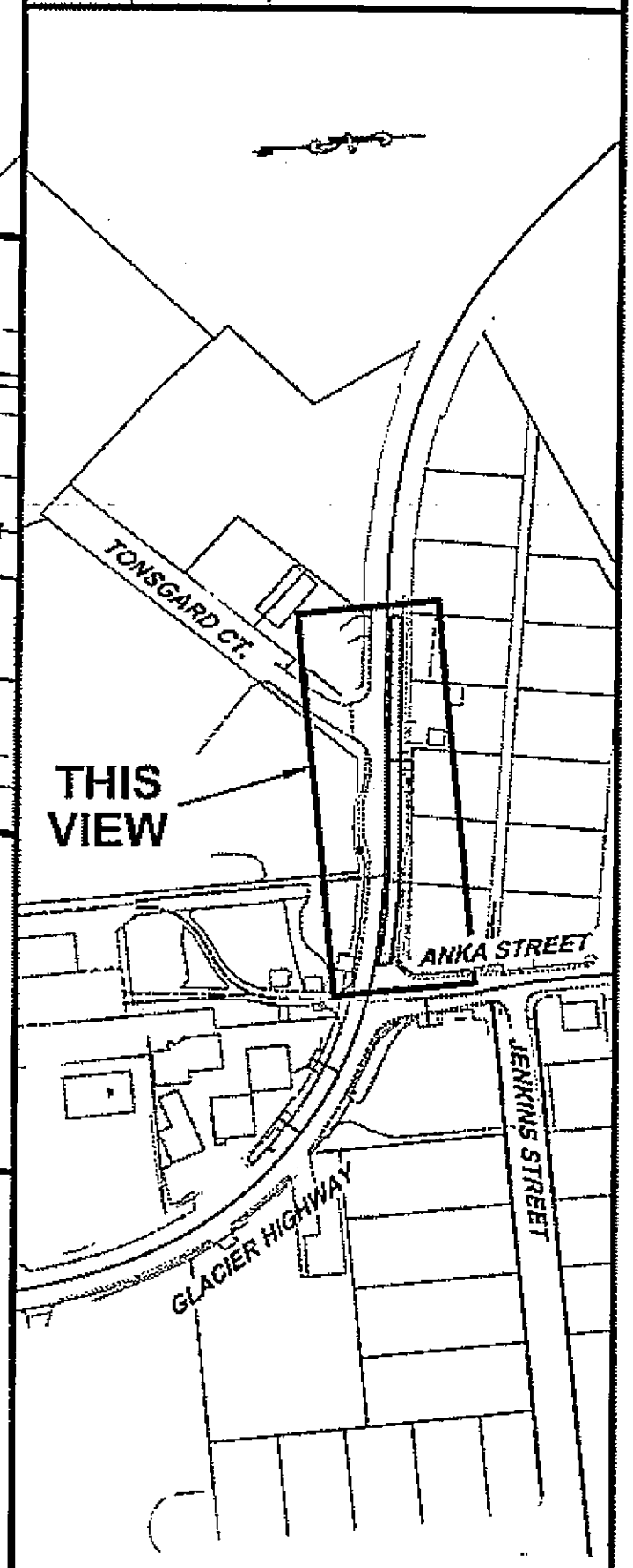


PAINTED CROSSWALK DETAIL
SEE STANDARD DRAWING T-23.00 CASE 3

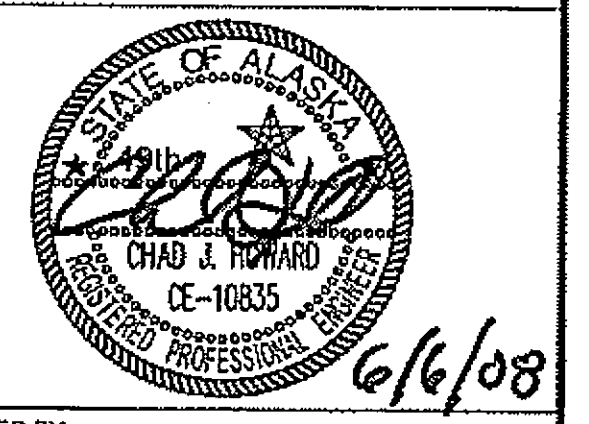
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TAB: E3 RKSNYDER

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



CHECKED BY: C. HOWARD



DESIGNED BY: J. WEAVER
DRAWN BY: R. SNYDER

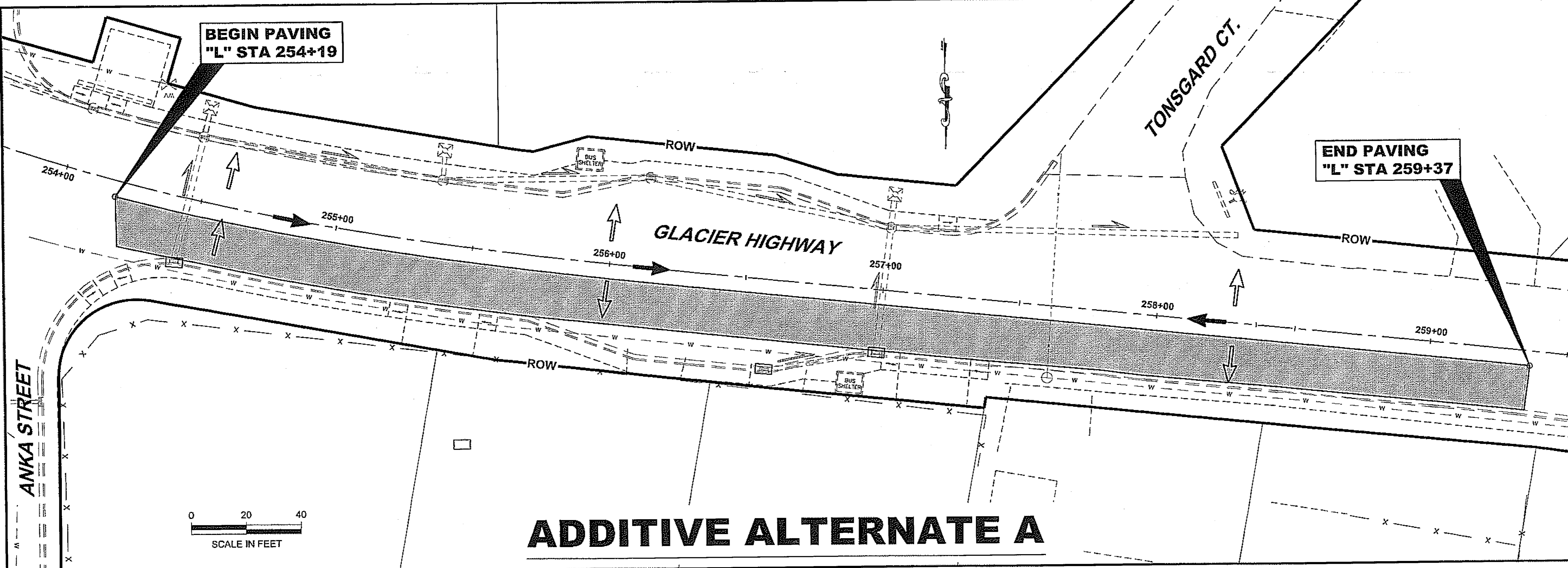
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
DESIGN & ENGINEERING SERVICES
DIVISION-SOUTHEAST REGION
JNU - FFY08
AREAWIDE PAVING
PROJECT NO. 67790
**GLACIER HIGHWAY
LEMON / ANKA
ADDITIVE ALTERNATE A
PLAN**

PROJECT DESIGNATION	
AC-NH-0003(133)	
STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
E3	21

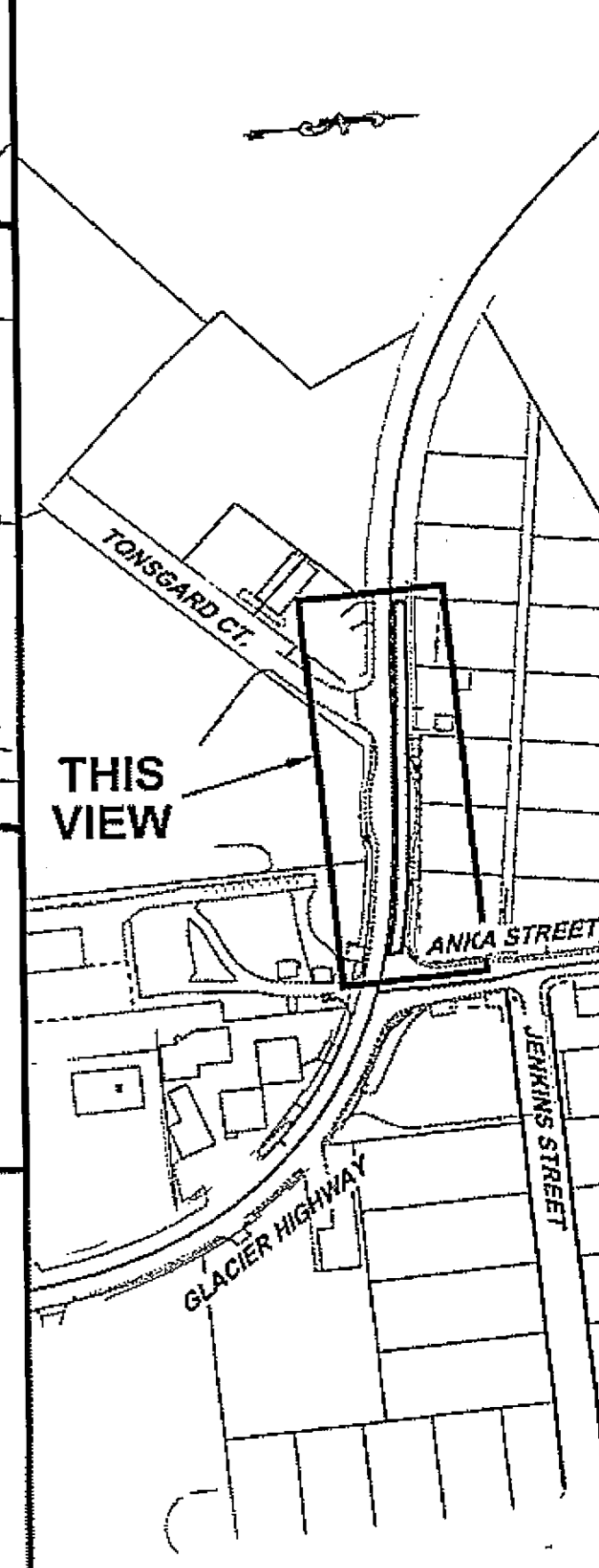
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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 TAB: E4 RKSNYDER

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION



ADDITIVE ALTERNATE A



LEGEND

	INLET PROTECTION
	PROFILE DRAINAGE PATTERN
	SURFACE DRAINAGE PATTERN
	EXISTING CULVERT FLOW DIRECTION

CHECKED BY: C. HOWARD

DESIGNED BY: J. WEAVER
 DRAWN BY: R. SNYDER

STATE OF ALASKA
 DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
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 JNU - FFY08
 AREAWIDE PAVING
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**GLACIER HIGHWAY
 LEMON / ANKA
 ADDITIVE ALTERNATE A
 ESCP**

PROJECT DESIGNATION	
AC-NH-0003(133)	
STATE	YEAR
ALASKA	2008
SHEET NUMBER	TOTAL SHEETS
E4	21

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