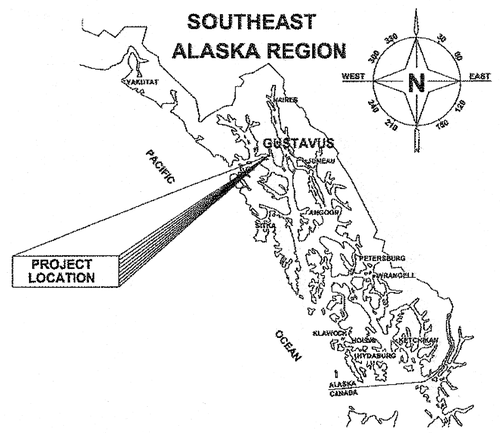
State of Alaska

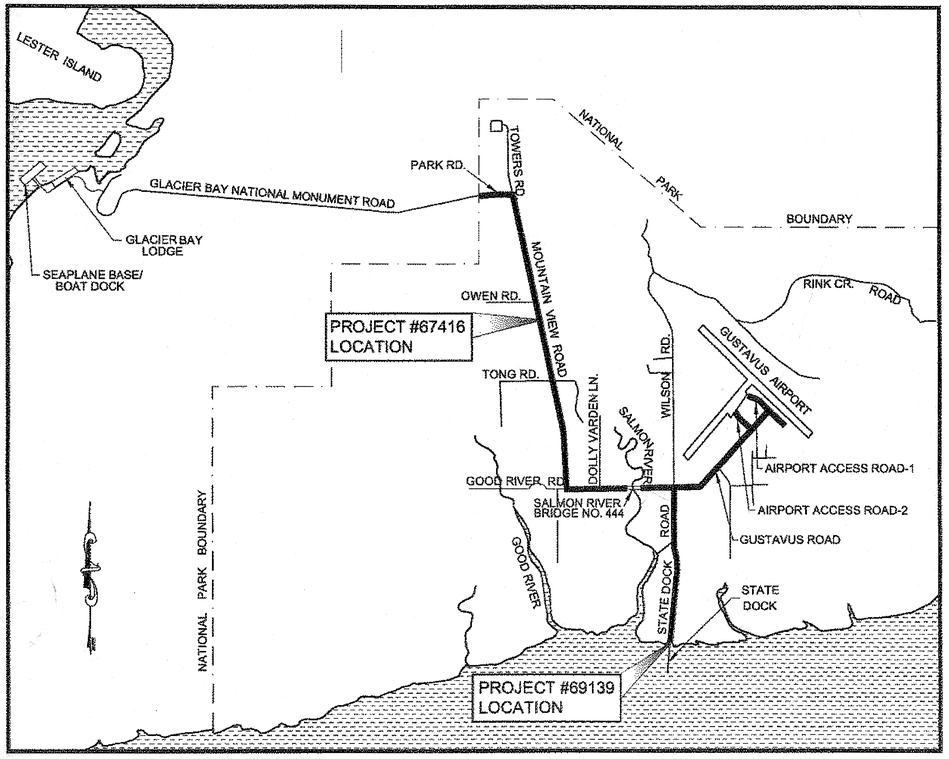
Department of Transportation and Public Facilities Southeast Region

AS-BUILT PLANS
CONTRACTOR: SECON, INC.,
PROJECT ENGINEER: VAL BEAN
BEGIN DATE: APRIL 21, 2014
END DATE: SEPTEMBER 10, 2014



GUSTAVUS, ALASKA

GUSTAVUS AREAWIDE PAVING
PROJECT No. STP-0003(164)~67416
GUSTAVUS FERRY TERMINAL AK 139
PROJECT No. HPRM-000S(703)~69139



VICINITY MAP

PROJECT #69139 DESIGN DESIGNATION

A.D.T. 2010	=	740
A.D.T. 2034	=	820
D.H.V. (12%) 2034	=	90
% T	=	4.6%
V	=	25 M.P.H. TO 10 M.P.H.
E.A.L.	=	100,000

PROJECT #69139 SUMMARY

CDS ROUTE NO.	=	295307
CDS MILEPOINT	=	1.40
LENGTH OF PROJECT	=	1205 FT.
LENGTH OF PAVING	=	605 FT.
WIDTH OF PAVING	=	22 FT. TO 105 FT.

PROJECT #67416 DESIGN DESIGNATION

A.D.T. 2010	=	850
A.D.T. 2034	=	960
D.H.V. (12%) 2034	=	100
% T	=	4.6%
V	=	25 M.P.H. TO 45 M.P.H.
E.A.L.	=	100,000

PROJECT #67416 SUMMARY

LENGTH OF PROJECT	=	7.2 MILES
LENGTH OF RESURFACING	=	7.2 MILES
WIDTH OF RESURFACING	=	22 FT. TO 40 FT.

THE FOLLOWING STANDARD DRAWINGS APPLY TO THIS PROJECT:

A-1	G-04.06S	M-13.01	S-00.10	T-20.03
C-03.10	I-30.10	M-16.01	S-00.11	T-21.03
C-04.12			S-01.00	
C-05.20			S-05.01	
E-13.00			S-20.10	
			S-30.03	

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 2/3/15

INDEX

SHEET NO.	DESCRIPTION
AA1	COMBINED TITLE SHEET
AA2	COMBINED ESTIMATE OF QUANTITIES
	GUSTAVUS AREAWIDE PAVING (67416)
A1	TITLE SHEET
A2	LAYOUT SHEET
B1-B3	TYPICAL SECTIONS
C1-C2	ESTIMATE OF QUANTITIES
D1-D6	SIGN SUMMARIES
E1-E2	MISC DETAILS
F1-F11	PLAN
P1	EROSION & SEDIMENT CONTROL DETAILS
T1	TRAFFIC CONTROL
	GUSTAVUS FERRY TERMINAL (69139)
BA1	TITLE SHEET
BA2	SURVEY CONTROL SHEET
BA3	LAYOUT SHEET
BB1-BB2	TYPICAL SECTIONS
BC1	ESTIMATE OF QUANTITIES
BD1	MISC SUMMARIES
BE1-BE2	MISC DETAILS
BF1-BF2	PLAN & PROFILE
BH1-BH2	SIGNING & STRIPING
BP1-BP3	EROSION & SEDIMENT CONTROL DETAILS
BT1-BT2	TRAFFIC CONTROL

PATH: Q:\GUS\69139\ENIC3D 69139\SOURCE DWGS\PLANSET\67416-69139_AA1_TSHT.DWG TAB:A1
Thursday, November 29, 2012 3:19:39 PM
PLOT: PSPACE OR MSPACE: 1=1(F)

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

STATE OF ALASKA 49 TH — L. Pat Carroll — GE-9358 — REGISTERED PROFESSIONAL ENGINEER — 4/4/13
STATE OF ALASKA 49 TH — Charles M. Tripp — GE-9813 — REGISTERED PROFESSIONAL ENGINEER — 4/4/13

APPROVED: Chuck Correa 5/1/13
REGIONAL PRE-CONSTRUCTION ENGINEER — DATE
CHUCK CORREA, P.E.

APPROVED: 5.1.2013
DIRECTOR, SOUTHEAST REGION — DATE
ALBERT H. CLOUGH, CPG

CERTIFIED TRUE & CORRECT AS-BUILT OF ACTUAL FIELD CONDITION:
2/9/2015
CONSTRUCTION PROJECT MANAGER — DATE

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	AS NOTED	2012	AA1	2

COMBINED ESTIMATE OF QUANTITIES

ITEM NO.	PAY ITEM	PAY UNIT	GUSTAVUS AREAWIDE PAVING PROJECT NO. 67416 PLAN QUANTITY	GUSTAVUS FERRY TERMINAL PROJECT NO. 69139 PLAN QUANTITY	COMBINED TOTALS
201 (3B)	CLEARING AND GRUBBING	LUMP SUM	0	ALL REQ'D	ALL REQ'D
202 (1)	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LUMP SUM	0	ALL REQ'D	ALL REQ'D
202 (2)	REMOVAL OF PAVEMENT	SQUARE YARD	~~1680~~ 2,140.30	0	~~1680~~ 2,140.30
301 (1)	AGGREGATE BASE COURSE, GRADING D-1	TON	~~500~~ 1,114.22	~~26~~ 398.39	~~526~~ 1,512.61
303 (3)	LINEAR GRADING	STATION	~~755~~ 735.66	5.48	~~759~~ 741.14
303 (4)	RECONDITIONING	SQUARE YARD	~~0~~ 2,443.12	~~2269~~ 2,100.67	~~2269~~ 4,543.79
304 (1)	SUBBASE, GRADING A	TON	0	~~80~~ 60.90	~~80~~ 60.90
308 (1)	CRUSHED ASPHALT BASE COURSE	SQUARE YARD	~~20220~~ 21,169.50	~~2170~~ 1,763.50	~~22390~~ 22,933.00
308 (2)	CSS-1 ASPHALT FOR BASE COURSE	TON	~~215~~ 246.87	~~23~~ 20.34	~~238~~ 267.21
308 (3)	PORTLAND CEMENT	TON	~~69~~ 78.73	~~8~~ 0	~~77~~ 78.73
308 (4)	AGGREGATE FOR CABC	TON	~~1660~~ 41.58	~~72~~ 87.52	~~1632~~ 129.10
401(1)	ASPHALT CONCRETE, TYPE II; CLASS B	TON	~~13320~~ 12,975.35	~~570~~ 723.21	~~13890~~ 13,698.56
401(2)	ASPHALT CEMENT, GRADE PG 58-28	TON	~~799~~ 785.57	~~35~~ 44.74	~~834~~ 830.31
401(6)	ASPHALT PRICE ADJSUTMENT	CONTINGENT SUM	ALL REQ'D	ALL REQ'D $14,703.19	ALL REQ'D
401 (10)	ASPHALT MATERIAL PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D
402 (1)	STE-1 ASPHALT FOR TACK COAT	TON	~~49~~ 27.02	~~2~~ 0	~~51~~ 27.02
606 (7)	RAISING EXISTING GUARDRAIL	LINEAR FOOT	~~244~~ 378.50	0	~~244~~ 378.5
608 (2)	ASPHALT SIDEWALK	TON	0	16	16
615 (1)	STANDARD SIGN, C02	SQUARE FOOT	~~800~~ 948.74	~~5~~ 13.66	~~805~~ 962.40
618 (1)	SEEDING	ACRE	0	~~0.03~~ 0.043	~~0.03~~ 0.043
620 (1)	TOPSOIL	SQUARE YARD	0	~~470~~ 0	~~470~~ 0
628 (1)	FLUSH MOUNT MONITORING WELL COVER	EACH	0	1	1
632 (1)	PAVING FABRIC	SQUARE YARD	~~1400~~ 803.50	0	~~1400~~ 803.50
638 (1)	FIBER ROLL	LINEAR FOOT	~~0~~ 325.0	~~415~~ 225	~~415~~ 550
639 (3)	DRIVEWAY	EACH	129	0	129
640 (1)	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D
640 (4)	WORKER MEALS AND LODGING, OR PER DIEM	LUMP SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D
641 (1)	EROSION AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D
641 (3)	TEMPORARY EROSION AND POLLUTION CONTROL	LUMP SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D
641 (4)	TEMPORARY EROSION AND POLLUTION CONTROL ADDITIVES	CONTINGENT SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D
641 (6)	WITHHOLDING	CONTINGENT SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D
642 (1)	CONSTRUCTION SURVEYING	LUMP SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D
642 (6)	REPLACE EXISTING WITH PRIMARY MONUMNET	EACH	2	0	2
643 (11)	ADJUST EXISTING MONUMENT CASE	EACH	7	0	7
643 (2)	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D
643 (3)	PERMANENT CONSTRUCTION SIGNS	LUMP SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D
643 (15)	FLAGGING	CONTINGENT SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D
643 (23)	TRAFFIC PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D
643 (25)	TRAFFIC CONTROL	CONTINGENT SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D
644 (1)	FIELD OFFICE	LUMP SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D
644 (2)	FIELD LABORATORY	LUMP SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D
644 (6)	VEHICLES	LUMP SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D
644 (15)	NUCLEAR TESTING EQUIPMENT STORAGE SHED	LUMP SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D
645 (1)	TRAINING PROGRAM, 1 TRAINEE/APPRENTICE	LABOR HOUR	~~475~~ 461	~~25~~ 39	500
646 (1)	CMP SCHEDUALING	LUMP SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D
670 (1)	PAINTED TRAFFIC MARKINGS	LUMP SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D
308(1a)	ADDITIONAL GRINDING, C01	SQUARE YARD	2,992.99	—	2,992.99
504(3)	INSPECT TIGHTEN GRATING CLIPS, C01	LUMP SUM	ALL REQ'D	—	ALL REQ'D
670(1a)	ADDITIONAL PAINTED TRAFFIC MARKINGS, C02	LUMP SUM	ALL REQ'D	—	ALL REQ'D

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE ____ Date 2/3/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: P. CARROLL

STATE OF ALASKA 49th REGISTERED PROFESSIONAL ENGINEER Charles N. Tripp CE-9613 4/4/13

STATE OF ALASKA 49th REGISTERED PROFESSIONAL ENGINEER L. Pat Carroll CE-9356 4/4/13

DESIGNED BY: L. CHAMBERS
DRAWN BY: L. CHAMBERS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

SOUTHEAST REGION

GUSTAVUS COMBINED ESTIMATE OF QUANTITIES

PATH: C:\GUS\69139\ENGC3D 69139\SOURCE DWGS\PLANSET\67416-69139_AA2_COMBINED_ESTM.DWG
TAB: AA2 Thursday, April 04, 2013 2:18:58 PM MULLINER, DOUGLAS J (DOT)

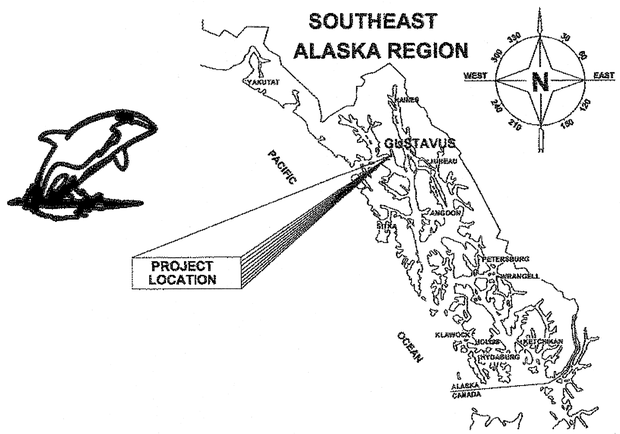
REVISIONS NO.	DATE	DESCRIPTION

PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
AS NOTED	2012	AA2	2

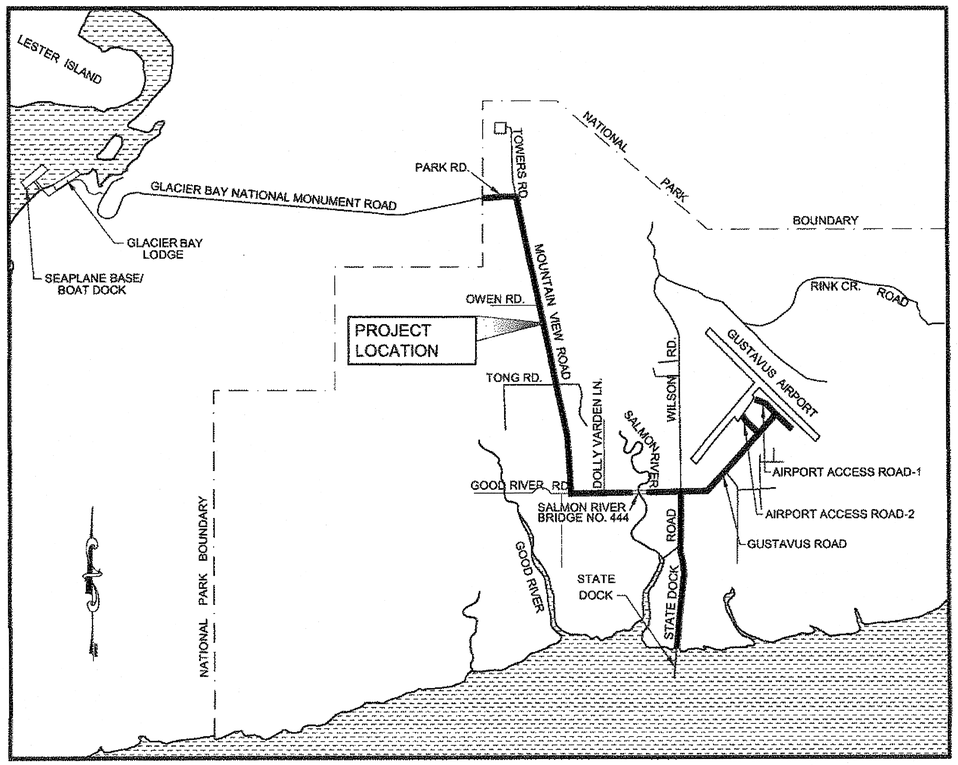
State of Alaska

Department of Transportation and Public Facilities Southeast Region

GUSTAVUS, ALASKA



GUSTAVUS AREAWIDE PAVING
PROJECT No. STP-0003(164)~67416



VICINITY MAP

DESIGN DESIGNATION

A.D.T. 2010	=	850
A.D.T. 2034	=	960
D.H.V. (12%) 2034	=	100
% T	=	4.6%
V	=	25 M.P.H. TO 45 M.P.H.
E.A.L.	=	100,000

PROJECT SUMMARY

LENGTH OF PROJECT	=	7.2 MILES
LENGTH OF RESURFACING	=	7.2 MILES
WIDTH OF RESURFACING	=	22 FT. TO 40 FT.

THE FOLLOWING STANDARD DRAWINGS APPLY TO THIS PROJECT:

A-1	G-04.06S	M-13.01	S-00.11	T-20.03
C-03.10		M-16.01	S-01.00	T-21.03
C-05.20			S-05.01	
			S-20.10	
			S-30.03	

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 2/3/15

INDEX

SHEET NO.	DESCRIPTION
A1	TITLE SHEET
A2	LAYOUT SHEET
B1-B3	TYPICAL SECTIONS
C1-C2	ESTIMATE OF QUANTITIES
D1-D6	SIGN SUMMARIES
E1-E2	MISC DETAILS
F1-F11	PLAN
P1	EROSION & SEDIMENT CONTROL DETAILS
T1	TRAFFIC CONTROL

ROUTE #	ROUTE NAME	MILEPOINT
295307	STATE DOCK ROAD	0.000 TO 1.400
295358	PARK ROAD	4.390 TO 4.640
295301	MOUNTAIN VIEW ROAD	0.000 TO 2.785
295356	APRON ACCESS ROAD	0.000 TO 0.360
295308	AIRPORT/GUSTAVUS ROAD	0.000 TO 2.075
295354	ARFF ACCESS ROAD	0.000 TO 0.233

PATH: Q:\GUS\67416\PLANSET\67416_A1 TSHT.DWG TAB:A1
Wednesday, June 20, 2012 10:41:38 AM
PLOT: PSPACE OR MSPACE: 1=1(F)

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

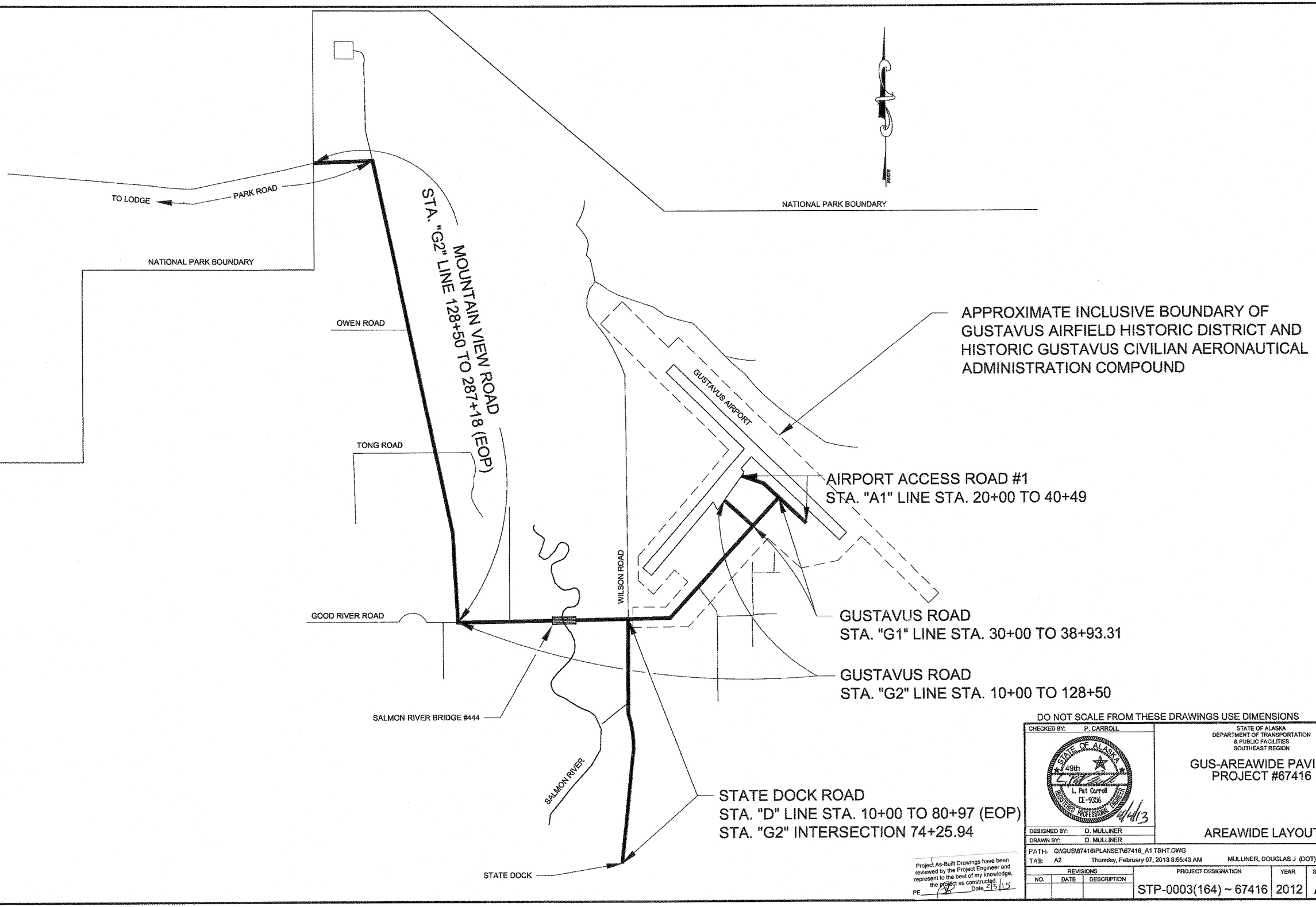
STATE OF ALASKA 49 TH
L. Pat Carroll
CE-9356
REGISTERED PROFESSIONAL ENGINEER
4/4/13

APPROVED: Chuck Correa 5/1/13
REGIONAL PRE-CONSTRUCTION ENGINEER — DATE
CHUCK CORREA, P.E.

APPROVED: M Clough 5.1.2013
DIRECTOR, SOUTHEAST REGION — DATE
ALBERT H. CLOUGH, CPG

CERTIFIED TRUE & CORRECT AS-BUILT OF ACTUAL FIELD CONDITION:
John A. Kytola 2/9/2015
CONSTRUCTION PROJECT MANAGER — DATE

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	STP-0003(164) ~ 67416	2012	A1	28



DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: P. CARROLL

STATE OF ALASKA
L. Pat Carroll
CE-9356
49th
REGISTERED PROFESSIONAL ENGINEER
4/4/13

DESIGNED BY: D. MULLINER

DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

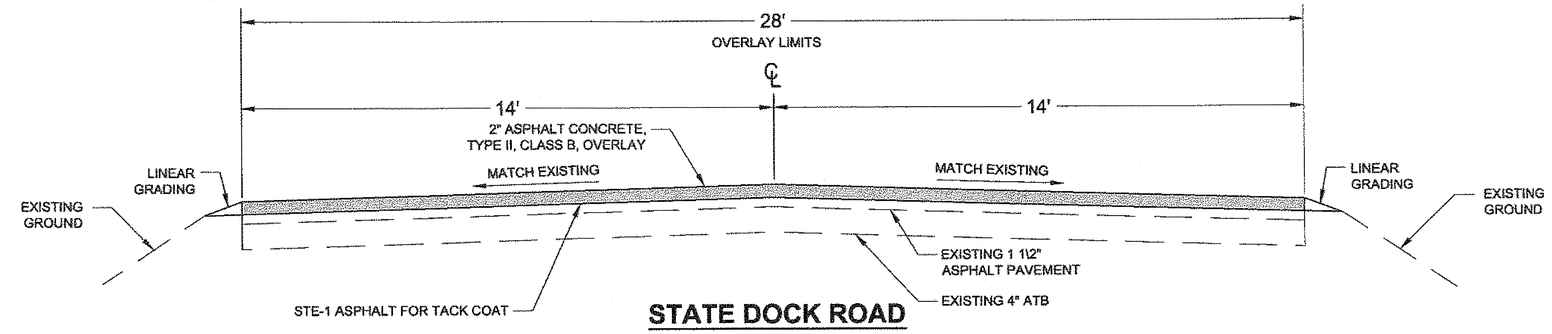
GUS-AREAWIDE PAVING
PROJECT #67416

AREAWIDE LAYOUT

PATH: Q:\GUS\67416\PLANSET\67416_A1 TSHT.DWG
TAB: A2 Thursday, February 07, 2013 8:55:43 AM MULLINER, DOUGLAS J (DOT)

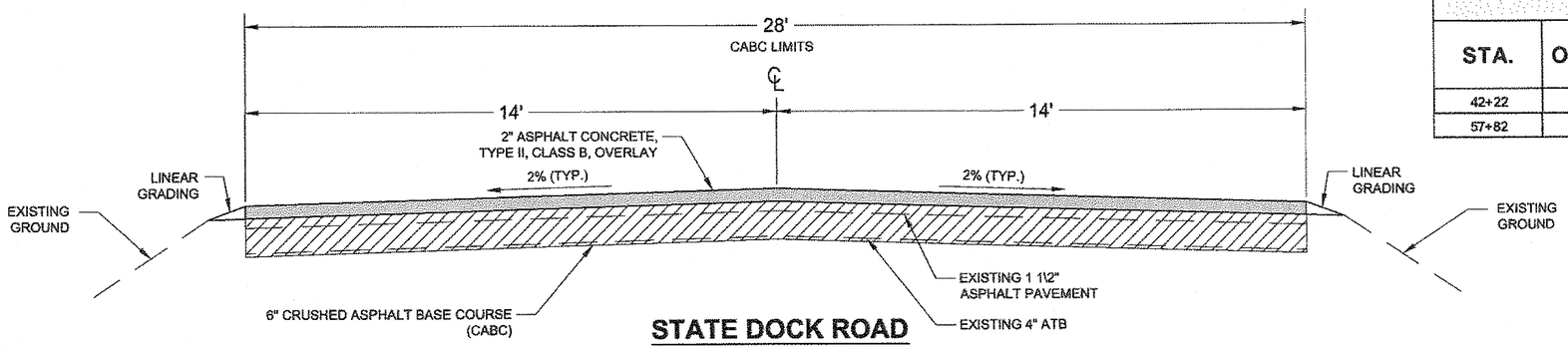
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 2/3/15

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-0003(164) ~ 67416	2012	A2	28



STATE DOCK ROAD

STA. "D" 10+00 TO STA. "D" 34+00



STATE DOCK ROAD

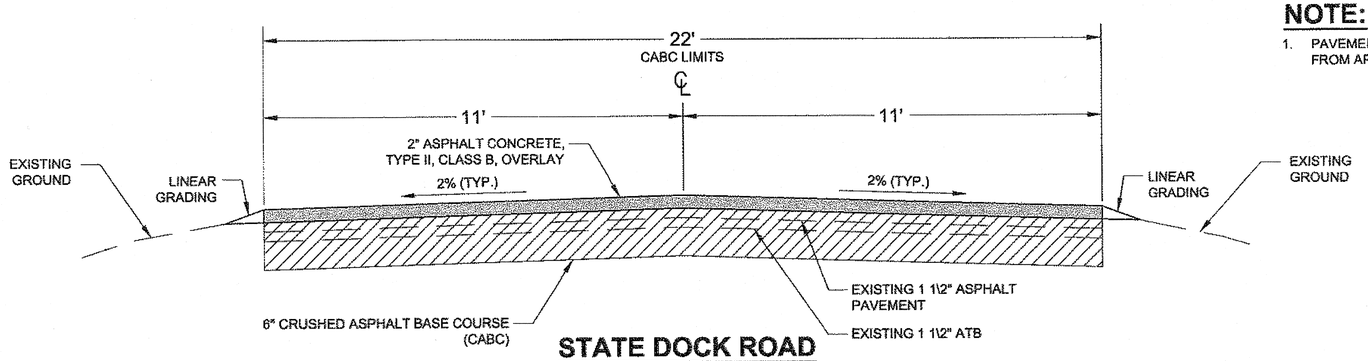
STA. "D" 34+00 TO STA. "D" 38+00 (SEE NOTE 1)

STATE DOCK ROAD CORE DATA

STA.	OFFSET	ASPHALT THICKNESS	ATB THICKNESS	REMARKS
42+22	5.5' LT	1 1/4"	1 1/2"	4" PIT RUN BASE COURSE GRAVEL, THEN SAND AND SILT
57+82	5.5' LT	1 3/8"	1 1/4"	4" PIT RUN BASE COURSE GRAVEL, THEN SAND AND SILT

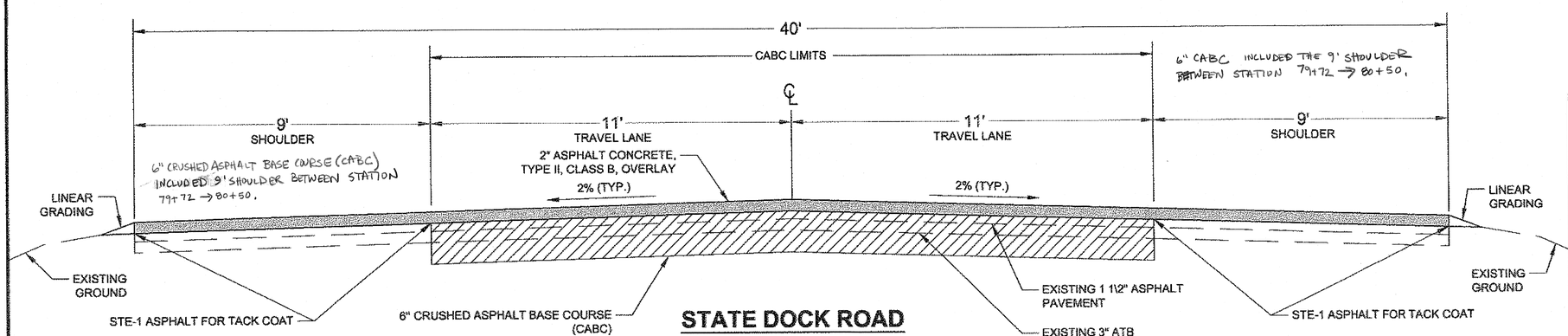
NOTE:

1. PAVEMENT WIDTHS TRANSITIONS FROM 28' TO 22' FROM APPROXIMATE STA. "D" 37+00 TO STA. "D" 38+00.



STATE DOCK ROAD

STA. "D" 38+00 TO STA. "D" 69+00



STATE DOCK ROAD

STA. "D" 69+00 TO STA. "D" ~~80+97~~ (EOP) 82+88

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 4/3/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: P. CARROLL
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER

STATE OF ALASKA
L. Pat Carroll
CE-9356
REGISTERED PROFESSIONAL ENGINEER
4/4/13

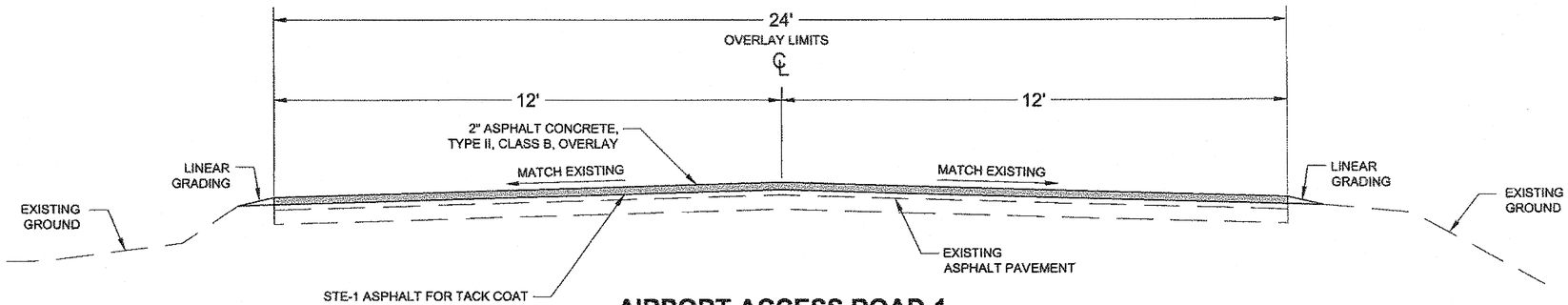
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GUS-AREAWIDE PAVING
PROJECT #67416

TYPICAL SECTION

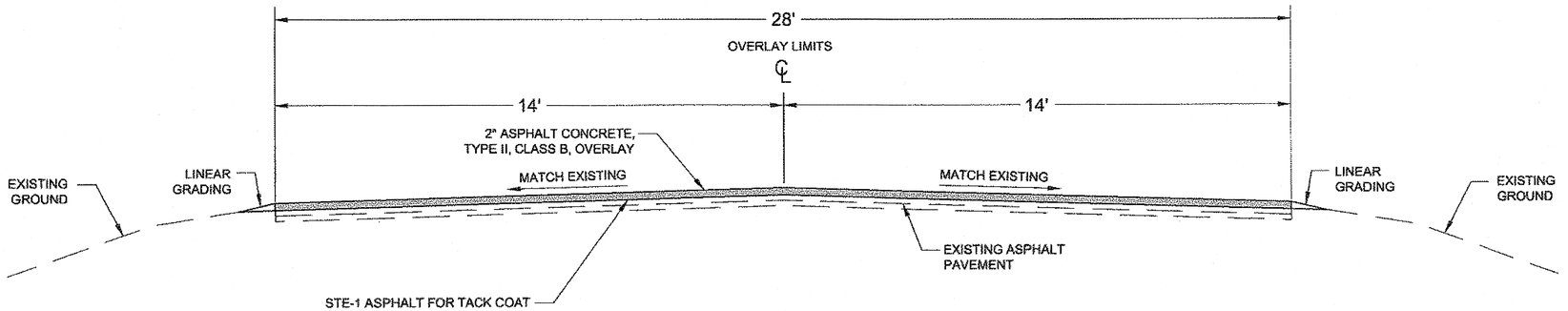
PATH: Q:\GUS\67416\EN\DOUG'S FILES\B_TYPICALS_SHT.DWG
TAB: B1 Wednesday, February 06, 2013 9:26:22 AM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-0003(164) ~ 67416	2012	B1	28



AIRPORT ACCESS ROAD-1

STA. "A1" 20+00 TO STA. "A1" 40+49



GUSTAVUS ROAD

STA. "G1" 30+00 TO STA. "G1" 38+93.31

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 7/3/15

CHECKED BY: P. CARROLL

STATE OF ALASKA · 49th · L. Pat Carroll · CE-9356 · REGISTERED PROFESSIONAL ENGINEER · 4/4/13

DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER

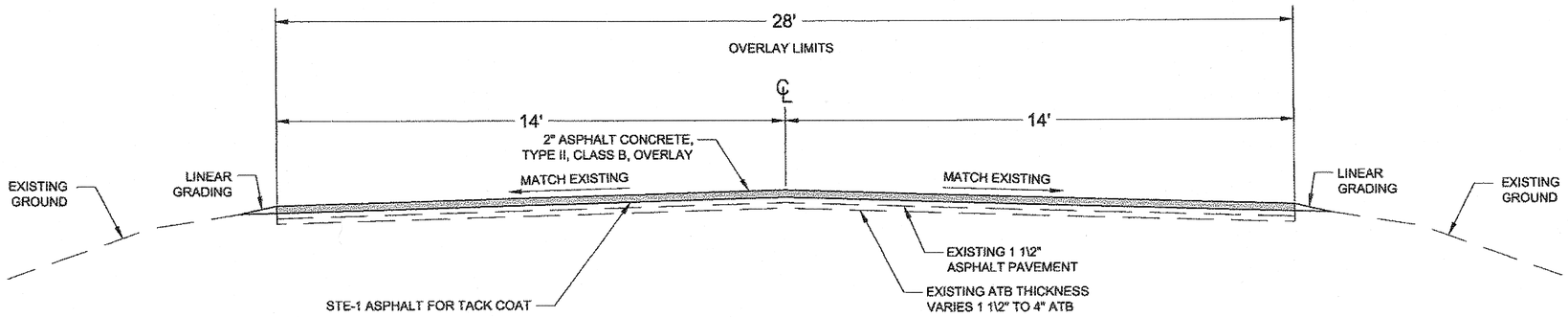
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GUS-AREAWIDE PAVING
PROJECT #67416

TYPICAL SECTION

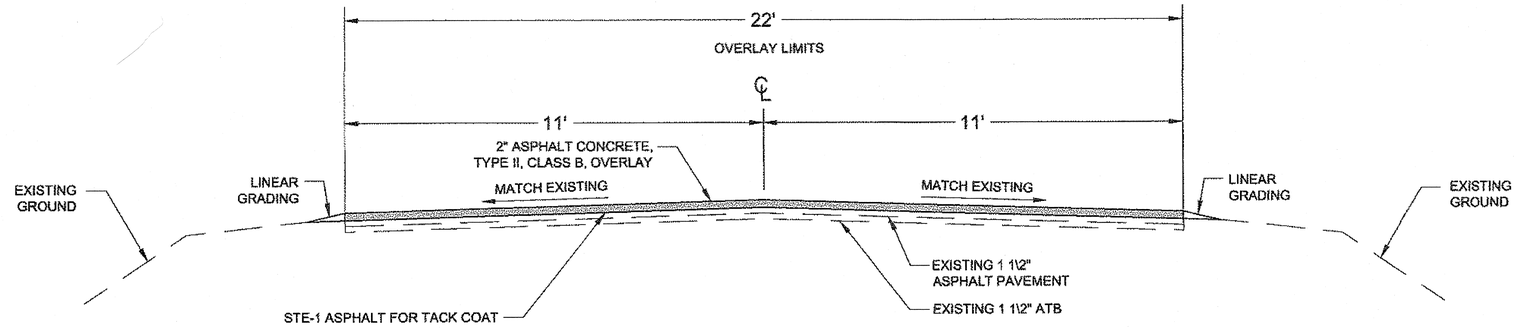
PATH: Q:\GUS\67416\EN\DOUG'S FILE\B_TYPICALS_SHT.DWG
TAB: B2 Wednesday, February 06, 2013 9:26:38 AM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-0003(164) ~ 67416	2012	B2	28



GUSTAVUS ROAD

STA. "G2" 10+00 TO STA. "G2" 128+50 (SEE NOTE 1)

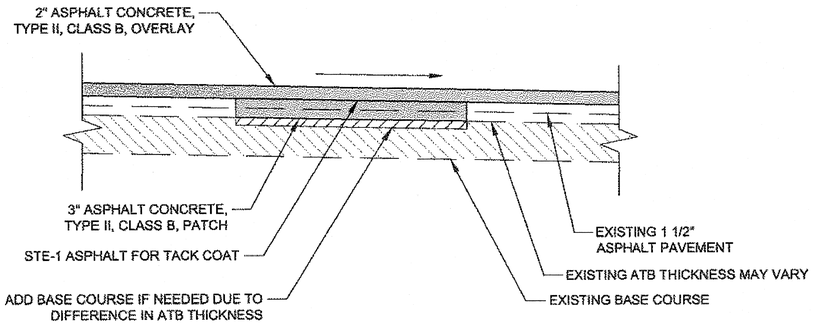


MOUNTAIN VIEW ROAD

STA. "G2" 128+50 TO STA. "G2" ~~287+18~~ (EOP - PARK BOUNDARY)
288+07

NOTE:

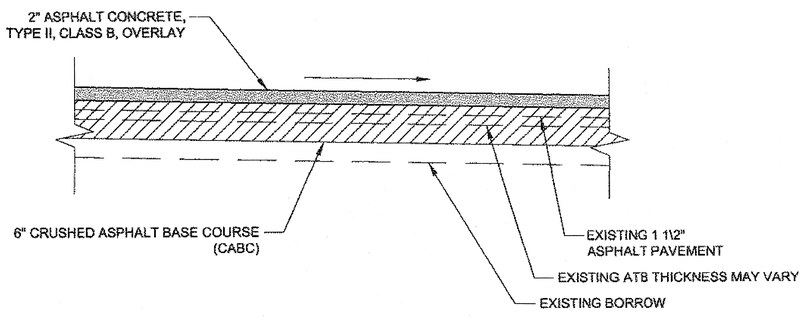
1. PAVEMENT WIDTHS TRANSITIONS FROM 28' TO 22' FROM APPROXIMATE STA. "G2" 128+50 TO STA. "G2" 129+50.



SPOT REPAIR DETAIL

NOTE:

1. REMOVE PAVEMENT FULL DEPTH TO BASE COURSE WHERE SHOWN ON PLAN SET AND AS NOTED ON SHEET C1. COMPACT BASE AND ADD ADDITIONAL BASE COURSE IF NEEDED TO RESTORE GRADE OR TO COMPENSATE FOR PAVEMENT THICKNESS VARIATIONS. PATCH WITH 3" ASPHALT CONCRETE, TYPE II, CLASS B TO MATCH EXISTING PAVEMENT, OVERLAY WITH 2" ASPHALT CONCRETE, TYPE II, CLASS B.



CABC DETAIL

NOTE:

1. CABC SECTIONS AS SHOWN ON PLAN SET.

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 2/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: P. CARROLL	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION
DESIGNED BY: D. MULLINER	GUS-AREAWIDE PAVING PROJECT #67416
DRAWN BY: D. MULLINER	TYPICAL SECTION

STATE OF ALASKA 49th — L. Pat Carroll CE-9356 REGISTERED PROFESSIONAL ENGINEER — 4/4/13

PATH: Q:\GUS\67416\ENDOUG'S FILES\B_TYPICALS_SHT.DWG
TAB: B3 Thursday, February 07, 2013 8:32:29 AM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-0003(164) ~ 67416	2012	B3	28

ESTIMATE OF QUANTITIES

ITEM NO.	ITEM DESCRIPTION	PAY UNIT	QUANTITY
202(2)	REMOVAL OF PAVEMENT	SQUARE YARD	~~1680~~ 2,140.30
301(1)	AGGREGATE BASE COURSE, GRADING D1	TON	~~500~~ 1,114.22
303(3)	LINEAR GRADING	STATION	~~755~~ 785.66
308(1)	CRUSHED ASPHALT BASE COURSE	SQUARE YARD	~~20220~~ 2,445.12
308(2)	CSS-1 ASPHALT FOR BASE COURSE	TON	~~215~~ 246.87
308(3)	PORTLAND CEMENT	TON	~~69~~ 78.73
308(4)	AGGREGATE FOR CABC	TON	~~1560~~ 41.58
401(1)	ASPHALT CONCRETE, TYPE II; CLASS B	TON	~~13320~~ 12,575.35
401(2)	ASPHALT CEMENT, GRADE PG 58-28	TON	~~799~~ 785.57
401(6)	ASPHALT PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED
401(10)	ASPHALT MATERIAL PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED
402(1)	STE-1 ASPHALT FOR TACK COAT	TON	~~40~~ 27.02
606(7)	RAISING EXISTING GUARDRAIL	LINEAR FOOT	~~244~~ 378.50
615(1)	STANDARD SIGN, CO 2	SQUARE FOOT	~~800~~ 948.74
632(1)	PAVING FABRIC	SQUARE YARD	~~1400~~ 803.50
639(3)	DRIVEWAY	EACH	129
640(1)	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQUIRED
640(4)	WORKER MEALS AND LODGING, OR PER DIEM	LUMP SUM	ALL REQUIRED
641(1)	EROSION, SEDIMENT AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQUIRED
641(3)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL	LUMP SUM	ALL REQUIRED
641(4)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL ADDITIVES	CONTINGENT SUM	ALL REQUIRED
641(6)	WITHHOLDING	CONTINGENT SUM	ALL REQUIRED
642(1)	CONSTRUCTION SURVEYING	LUMP SUM	ALL REQUIRED
642(6)	REPLACE EXISTING WITH PRIMARY MONUMENT	EACH	2
642(11)	ADJUST EXISTING MONUMENT CASE	EACH	7
643(2)	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQUIRED
643(3)	PERMANENT CONSTRUCTION SIGNS	LUMP SUM	ALL REQUIRED
643(15)	FLAGGING	CONTINGENT SUM	ALL REQUIRED
643(23)	TRAFFIC PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQUIRED
643(25)	TRAFFIC CONTROL	CONTINGENT SUM	ALL REQUIRED
644(1)	FIELD OFFICE	LUMP SUM	ALL REQUIRED
644(2)	FIELD LABORATORY	LUMP SUM	ALL REQUIRED
644(6)	VEHICLES	LUMP SUM	ALL REQUIRED
644(15)	NUCLEAR TESTING EQUIPMENT STORAGE SHED	LUMP SUM	ALL REQUIRED
645(1)	TRAINING PROGRAM, 1 TRAINEE/APPRENTICE	LABOR HOUR	~~475~~ 461
646(1)	CPM SCHEDULING	LUMP SUM	ALL REQUIRED
670(1)	PAINTED TRAFFIC MARKINGS	LUMP SUM	ALL REQUIRED
308(1a)	ADDITIONAL GRINDING, CO 1	SQUARE YARD	2,992.99
504(3)	INSPECT & TIGHTEN GRATING CLIPS, CO 1	LUMP SUM	ALL REQUIRED
670(1a)	ADDITIONAL PAINTED TRAFFIC MARKINGS, CO 2	LUMP SUM	ALL REQUIRED

BASIS OF ESTIMATE

ITEM NO.	ITEM	ESTIMATING FACTOR
308 (2)	CSS-1 ASPHALT FOR BASE COURSE	2.5 GAL/SY FOR 6" DEPTH
308 (2)	CSS-1 ASPHALT FOR BASE COURSE	243 GAL/TON
308 (3)	PORTLAND CEMENT	6.8 LB/SY FOR 6" DEPTH
308 (4)	AGGREGATE FOR CABC	20 TONS/STATION
401 (1)	ASPHALT CONCRETE, TYPE II, CLASS B	120 LBS/SY/IN
401 (2)	ASPHALT CEMENT, GRADE PG 58-28	6% OF ITEM 401 (1)
402 (1)	STE-1 TACK COAT	0.1 GAL./S.Y. (243 GAL/TON)

POINTS OF CONTACT

ELECTRIC	GUSTAVUS ELECTRIC COMPANY	RICHARD LEVITT	697-2299
TELEPHONE	ALASKA COMMUNICATION SYSTEMS (ACS)	MONTY WILLIAMS	463-8987
AIRPORT	AIRPORT MANAGER	MICHAEL PEDERSEN	697-2251

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 4/3/15

CHECKED BY: P. CARROLL

STATE OF ALASKA 49th L. Pat Carroll CE-9336 REGISTERED PROFESSIONAL ENGINEER 4/4/13

DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

GUS-AREAWIDE PAVING
PROJECT #67416

ESTIMATE OF QUANTITIES

PATH: Q:\GUS\67416\PLANSET\67416_C1_EST.DWG
TAB: C1 Thursday, February 07, 2013 9:57:32 AM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-0003(164) ~ 67416	2012	C1	28

606(7) RAISING EXISTING GUARDRAIL

STATION FROM	STATION TO	LF OFFSET	REMARKS
GUSTAVUS ROAD			
~~92+14~~	~~93+54~~	~~RT - 148~~	GUARDRAIL SECTION AT SALMON RIVER BRIDGE
~~92+50~~	~~93+54~~	~~LT - 104~~	GUARDRAIL SECTION AT SALMON RIVER BRIDGE
92+21	93+83	RT 163.5	GUARD RAIL SECTION AT SALMON RIVER BRIDGE
92+54	93+56	LT 101.0	GUARDRAIL SECTION AT SALMON RIVER BRIDGE
95+67	96+08	LT 65.0	GUARDRAIL SECTION AT SALMON RIVER BRIDGE
95+75	96+03	RT 49.0	GUARD RAIL SECTION AT SALMON RIVER BRIDGE

639(3) DRIVEWAY

NUMBER OF DRIVEWAYS	REMARKS
STATE DOCK ROAD	
38	
AIRPORT ACCESS ROADS	
10	
GUSTAVUS ROAD / MOUNTAIN VIEW ROAD	
81	

642(6) REPLACE EXISTING WITH PRIMARY MONUMENT

STATION	OFFSET	REMARKS
STATE DOCK ROAD		
37+27.69	4.92' RT	
76+26.05	7.00' LT	

642(11) ADJUST EXISTING MONUMENT CASE

STATION	OFFSET	REMARKS
ACCESS ROAD - 1		
26+72.01	7.66' LT	
GUSTAVUS ROAD		
30+44.67	3.15' LT	G-1 LINE
38+35.52	16.71' LT	G-1 LINE
60+65.75	18.39' LT	G-2 LINE
87+23.30	5.87' LT	G-2 LINE
113+33.65	3.37' RT	G-2 LINE
126+54.41	2.61' RT	G-2 LINE

SPOT REPAIR & CABC (PRIOR TO OVERLAY)

APPROX. STATION FROM	APPROX. STATION TO	SY	REMARKS	APPROX. PAVEMENT & ATB THICKNESS
GUSTAVUS ROAD ("G2" LINE)				
56+05	56+55	80	REMOVE ASPHALT FULL DEPTH AND REPLACE WITH 3" ASPHALT CONCRETE, TYPE II, CLASS B	3"
~~56+05~~ ~~58+50~~	~~65+25~~ ~~65+00~~	~~2,862~~ ~~2025~~	CABC SECTION: 6" CABC AND 2" ASPHALT CONCRETE, TYPE II, CLASS B	3"
79+50	82+00	390	REMOVE ASPHALT FULL DEPTH AND REPLACE WITH 3" ASPHALT CONCRETE, TYPE II, CLASS B	5.5"
105+00	107+50	780	REMOVE ASPHALT FULL DEPTH AND REPLACE WITH 3" ASPHALT CONCRETE, TYPE II, CLASS B	3"
121+00	128+00	~~2180~~ 3178	CABC SECTION: 6" CABC AND 2" ASPHALT CONCRETE, TYPE II, CLASS B	4.5"
MOUNTAIN VIEW ROAD ("G2" LINE)				
132+50	137+50	~~1225~~ 1222	CABC SECTION: 6" CABC AND 2" ASPHALT CONCRETE, TYPE II, CLASS B	3"
151+75	153+50	430	REMOVE ASPHALT FULL DEPTH AND REPLACE WITH 3" ASPHALT CONCRETE, TYPE II, CLASS B	3"
230+00	235+00	~~1225~~ 1,222	CABC SECTION: 6" CABC AND 2" ASPHALT CONCRETE, TYPE II, CLASS B	3"
280+00	~~287+18~~ 288+06 (EOP)	~~1760~~ 1970	CABC SECTION: 6" CABC AND 2" ASPHALT CONCRETE, TYPE II, CLASS B	3"
STATE DOCK ROAD ("D" LINE)				
34+00	~~80+97~~ 80+00	~~11800~~ 11,715	CABC SECTION: 6" CABC AND 2" ASPHALT CONCRETE, TYPE II, CLASS B	4.5"

PAVING FABRIC/CRACK REPAIR

APPROX. # OF CRACKS	ROAD WIDTH	REMARKS
GUSTAVUS ROAD ("G2" LINE)		
100	28'	SEE DETAIL SHEET E1
MOUNTAIN VIEW ROAD ("G2" LINE)		
140	22'	SEE DETAIL SHEET E1
STATE DOCK ROAD ("D" LINE)		
5	28'	SEE DETAIL SHEET E1

NOTE: FINAL DETERMINATION AND LOCATION TO BE MADE BY THE PROJECT ENGINEER. CRACKS ARE PREDOMINATELY TRANSVERSE, ACROSS THE ROADWAY, FROM PAVEMENT EDGE TO PAVEMENT EDGE.

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 2/3/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: P. CARROLL
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

GUS-AREAWIDE PAVING
PROJECT #67416

ESTIMATE OF QUANTITIES

PATH: Q:\GUS\67416\PLANSET\67416_C1_EST.DWG
TAB: C2 Thursday, February 07, 2013 10:24:55 AM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-0003(164) ~ 67416	2012	C2	28

615(1) STANDARD SIGN SUMMARY

SIGN #	LEGEND	STATION	OFFSET	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SF)	POST	EMBEDDED DEPTH	SIGN FACING	COMMENTS
GUSTAVUS ROAD											
1	NO PARKING HERE TO RUNWAY	12+15	LT	CUSTOM	12	18	1.50	2.5 PST	4'-6"	NWB	
2	NO PARKING HERE TO RUNWAY	13+30	RT	CUSTOM	12	18	1.50	2.5 PST	4'-6"	SEB	
3	SPEED LIMIT 25	16+00	RT	R2-1	30	36	7.50	2.5 PST	4'-6"	SEB	
4	CURVED (ARROW) (SYMBOL)	21+00	RT	W1-1R	36	36	9.00	2.5 PST	4'-6"	SEB	
5	20 MPH	21+00	RT	W13-1	24	24	4.00	-	-	SEB	MOUNT BELOW SIGN #4
6	STOP ("G1" LINE)	30+25	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	NB	
7	STOP	22+70	LT	R1-2	30	30	6.25	2.5 PST	4'-6"	WB	
8	YIELD	22+90	RT	R1-2	30	30	6.25	2.5 PST	4'-6"	EB	
9	STOP	23+10	LT	R1-3	30	30	6.25	2.5 PST	4'-6"	EB	
10	SPEED LIMIT 25	25+40	RT	R2-1	30	36	7.50	2.5 PST	4'-6"	SWB	
11	END SCHOOL ZONE	27+00	LT	S5-2	18	24	3.00	2.5 PST	4'-6"	NEB	
12	SCHOOL SPEED LIMIT 20	27+00	RT	S4-5	36	36	9.00	2.5 PST	4'-6"	SWB	
13	WHEN CHILDREN ARE PRESENT	27+00	RT	S4-2	36	18	4.50	-	-	SWB	MOUNT BELOW SIGN #12
14	STOP	28+30	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	NEB	
15	ADVANCE SCHOOL CROSSING (SYMBOL)	29+45	RT	S1-1	36	36	9.00	2.5 PST	4'-6"	SWB	
16	ADVANCE SCHOOL CROSSING (SYMBOL)	32+00	LT	S1-1	36	36	9.00	2.5 PST	4'-6"	NEB	
17	STOP	33+45	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	WB	
18	LIBRARY	33+45	RT	I-8P	24	12	2.00	2.5 PST	4'-6"	SWB	
19	DIRECTIONAL ARROW (SYMBOL) (GREEN IN COLOR)	33+45	RT	D9-301	24	6	1.00	-	-	SWB	MOUNT BELOW SIGN #18
20	STOP	33+80	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	EB	
21	END SCHOOL ZONE	34+00	RT	S5-2	18	24	3.00	2.5 PST	4'-6"	SWB	
22	SCHOOL SPEED LIMIT 20	34+00	LT	S4-5	36	36	9.00	2.5 PST	4'-6"	SWB	
23	WHEN CHILDREN ARE PRESENT	34+00	LT	S4-2	36	18	4.50	-	-	SWB	MOUNT BELOW SIGN #22
24	SOFT SHOULDER	± 38+00	RT	W8-4	36	36	9.00	2.5 PST	4'-6"	SWB	FIELD VERIFY LOCATION
25	SPEED LIMIT 25	± 38+50	LT	R2-1	30	36	7.50	2.5 PST	4'-6"	NEB	
26	STOP	47+75	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	WB	
27	Glens Ditch Rd	47+75	LT	D3-1	42	8	2.33	-	-	SWB/NEB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #26

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 2/3/15

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
DAVID B. EPSTEIN
CE-6866
REGISTERED PROFESSIONAL ENGINEER
49th
4.4.13

DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

GUS-AREAWIDE PAVING
PROJECT #67416

SIGN SUMMARY

PATH: Q:\GUS\67416\PLANSET\67416_D1_SUMS.DWG
TAB: D1 Wednesday, February 06, 2013 9:29:13 AM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-0003(164)~67416	2012	D1	28

615(1) STANDARD SIGN SUMMARY

SIGN #	LEGEND	STATION	OFFSET	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SF)	POST	EMBEDDED DEPTH	SIGN FACING	COMMENTS
	GUSTAVUS ROAD										
28	CURVED (ARROW) (SYMBOL)	57+50	RT	W1-2R	36	36	9.00	2.5 PST	4'-6"	SWB	
29	SLIPPERY WHEN WET (SYMBOL)	58+75	RT	W8-5	36	36	9.00	2.5 PST	4'-6"	SWB	
30	SLIPPERY WHEN WET (PLATE)	58+75	RT	W8-5P	24	18	3.00	-	-	SWB	MOUNT BELOW SIGN #29
31	SLIPPERY WHEN WET (SYMBOL)	63+25	LT	W8-5	36	36	9.00	2.5 PST	4'-6"	EB	
32	SLIPPERY WHEN WET (PLATE)	63+25	LT	W8-5P	24	18	3.00	-	-	EB	MOUNT BELOW SIGN #31
33	CURVED (ARROW) (SYMBOL)	65+00	LT	W1-2L	36	36	9.00	2.5 PST	4'-6"	EB	
34	SPEED LIMIT 25	71+00	LT	R2-1	30	36	7.50	2.5 PST	4'-6"	EB	
35	STOP	74+00	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	SB	
36	State Dock Rd	74+00	LT	D3-1	42	8	2.33	-	-	NB/SB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #35
37	Gustavus Rd	74+00	LT	D3-1	36	8	2.00	-	-	EB/WB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #36
38	STOP	74+20	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	SB	
39	Wilson Rd	74+20	RT	D3-1	30	8	1.67	-	-	NB/SB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #38
40	Gustavus Rd	74+20	RT	D3-1	36	8	2.00	-	-	EB/WB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #39
41	PLAYGROUND (SYMBOL)	75+70	RT	W15-1	30	30	6.25	2.5 PST	4'-6"	WB	
42	SPEED LIMIT 25	76+30	RT	R2-1	30	36	7.50	-	-	WB	
43	NARROW BRIDGE	90+50	RT	W5-2	36	36	9.00	2.5 PST	4'-6"	WB	
44	PLAYGROUND (SYMBOL)	91+75	LT	W15-1	30	30	6.25	2.5 PST	4'-6"	EB	MOVE EXISTING PLAYGROUND SIGN TO NEW STATION AS INDICATED
45	OBJECT MARKER	92+16	RT	OM-3L	12	36	3.00	2.5 PST	4'-6"	WB	
46	OBJECT MARKER	92+53	LT	OM-3R	12	36	3.00	2.5 PST	4'-6"	WB	
47	SALMON RIVER	94+00	RT	I-3	72	36	18.00	2.5 PST	4'-6"	WB	
48	OBJECT MARKER	94+00	RT	OM-3L	12	36	3.00	-	-	WB	MOUNT BELOW SIGN #47
49	OBJECT MARKER	94+00	LT	OM-3R	12	36	3.00	2.5 PST	4'-6"	WB	
50	SALMON RIVER	95+64	LT	I-3	72	36	18.00	2.5 PST	4'-6"	EB	
51	OBJECT MARKER	95+64	LT	OM-3L	12	36	3.00	-	-	EB	MOUNT BELOW SIGN #50
52	OBJECT MARKER	95+64	RT	OM-3R	12	36	3.00	2.5 PST	4'-6"	EB	
53	STOP	96+15	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	NB	
54	Shooting Star Ln	96+15	LT	D3-1	48	8	2.67	-	-	NB/SB	MOUNT ABOVE SIGN #53
55	STOP	96+40	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	SB	

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 4/3/15

CHECKED BY: D. EPSTEIN

STATE OF ALASKA · 49th · DAVID S. EPSTEIN · CE-6866 · REGISTERED PROFESSIONAL ENGINEER
4.4.13

DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

GUS-AREAWIDE PAVING
PROJECT #67416

SIGN SUMMARY

PATH: Q:\GUS\67416\PLANSET\67416_D1_SUMS.DWG
TAB: D2 Wednesday, February 06, 2013 9:29:28 AM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-0003(164)~67416	2012	D2	28

615(1) STANDARD SIGN SUMMARY

SIGN #	LEGEND	STATION	OFFSET	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SF)	POST	EMBEDDED DEPTH	SIGN FACING	COMMENTS
	GUSTAVUS ROAD										
56	City Hall	96+40	RT	CUSTOM	30	24	5.00	-	-	NB/SB	MOUNT BELOW SIGN #55
57	DIRECTIONAL ARROW (SYMBOL)	96+40	RT	D9-301	24	6	1.00	-	-	NB/SB	MOUNT BELOW SIGN #56
58	NARROW BRIDGE	98+00	LT	W5-2	36	36	9.00	2.5 PST	4'-6"	EB	
59	CLINIC	109+00	RT	CUSTOM	24	12	2.00	2.5 PST	4'-6"	WB	
60	DIRECTIONAL ARROW (SYMBOL)	109+00	RT	D9-301	24	6	1.00	-	-	WB	MOUNT BELOW SIGN #59
61	STOP	110+15	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	SB	
62	Dolly Varden Dr	110+15	RT	D3-1	42	8	2.33	-	-	NB/SB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #61
63	Gustavus Rd	110+15	RT	D3-1	36	8	2.00	-	-	EB/WB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #62
64	STOP	FIELD VERIFY	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	SB	FIELD VERIFY LOCATION FOR FURTURE YURTVILLE RD
65	CLINIC	111+40	RT	CUSTOM	24	12	2.00	2.5 PST	4'-6"	EB	
66	DIRECTIONAL ARROW (SYMBOL)	111+40	RT	D9-301	24	6	1.00	-	-	EB	MOUNT BELOW SIGN #65
67	SPEED LIMIT 35	116+40	RT	R2-1	30	36	7.50	2.5 PST	4'-6"	EB	
68	SPEED LIMIT 25	116+40	LT	R2-1	30	36	7.50	2.5 PST	4'-6"	WB	
69	STOP	116+80	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	SB	
70	Chum Dr	116+80	RT	D3-1	30	8	1.67	-	-	NB/SB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #69
71	SLIPPERY WHEN WET (SYMBOL)	121+90	RT	W8-5	36	36	9.00	2.5 PST	4'-6"	WB	
72	SLIPPERY WHEN WET (PLATE)	121+90	RT	W8-5P	24	18	3.00	-	-	WB	MOUNT BELOW SIGN #71
73	STOP	123+50	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	NB	
74	King Salmon Dr	123+50	RT	D3-1	42	8	2.33	-	-	NB/SB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #73
75	CURVE WITH INTERSECTION ADVISORY (ARROW) (SYMBOL)	124+00	RT	W1-10R	36	36	9.00	2.5 PST	4'-6"	WB	
76	20 MPH	124+00	RT	W13-1	24	24	4.00	-	-	WB	MOUNT BELOW SIGN #75
77	SOFT SHOULDER	126+00	LT	W8-4	36	36	9.00	2.5 PST	4'-6"	EB	
78	CHEVRON (SYMBOL)	126+25	LT	W1-8L	24	30	5.00	2.5 PST	4'-6"	EB	
79	CHEVRON (SYMBOL)	126+65	LT	W1-8R	24	30	5.00	2.5 PST	4'-6"	WB	MOUNT BEHIND SIGN #80
80	CHEVRON (SYMBOL)	126+65	LT	W1-8L	24	30	5.00	-	-	EB	MOUNT BEHIND SIGN #79
81	CHEVRON (SYMBOL)	127+05	LT	W1-8R	24	30	5.00	2.5 PST	4'-6"		MOUNT BEHIND SIGN #82
82	CHEVRON (SYMBOL)	127+05	LT	W1-8L	24	30	5.00	-	-		MOUNT BEHIND SIGN #81

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 4/3/15

CHECKED BY: D. EPSTEIN
DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

GUS-AREAWIDE PAVING
PROJECT #67416

SIGN SUMMARY

PATH: C:\GUS\67416\PLANSET\67416_D1_SUMS.DWG
TAB: D3 Wednesday, February 06, 2013 9:28:43 AM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-0003(164)~67416	2012	D3	28

615(1) STANDARD SIGN SUMMARY

SIGN #	LEGEND	STATION	OFFSET	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SF)	POST	EMBEDDED DEPTH	SIGN FACING	COMMENTS
MOUNTAIN VIEW ROAD											
83	STOP	127+15	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	EB	
84	Gustavus Rd	127+15	LT	D3-1	36	8	2.00	-	-	EB/WB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #83
85	Good River Rd	127+15	LT	D3-1	42	8	2.33	-	-	EB/WB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #84
86	Mountain View Rd	127+15	LT	D3-1	48	8	2.67	-	-	NB/SB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #85
87	CHEVRON (SYMBOL)	127+45	LT	W1-8R	24	30	5.00	2.5 PST	4'-6"	NB	MOUNT BEHIND SIGN #88
88	CHEVRON (SYMBOL)	127+45	LT	W1-8L	24	30	5.00	-	-	SB	MOUNT BEHIND SIGN #87
89	CHEVRON (SYMBOL)	127+85	LT	W1-8R	24	30	5.00	2.5 PST	4'-6"	NB	MOUNT BEHIND SIGN #90
90	CHEVRON (SYMBOL)	127+85	LT	W1-8L	24	30	5.00	-	-	SB	MOUNT BEHIND SIGN #89
91	CHEVRON (SYMBOL)	128+25	LT	W1-8R	24	30	5.00	2.5 PST	4'-6"	NB	
92	CURVE WITH INTERSECTION ADVISORY (ARROW) (SYMBOL)	129+75	LT	W1-10R	36	36	9.00	2.5 PST	4'-6"	SB	
93	20 MPH	129+75	LT	W13-1	24	24	4.00	-	-	SB	MOUNT BELOW SIGN #92
94	SOFT SHOULDER	131+25	LT	W8-4	36	36	9.00	2.5 PST	4'-6"	SB	
95	STOP	137+90	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	WB	
96	Chinook Dr	137+90	RT	D3-1	36	8	2.00	-	-	EB/WB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #95
97	STOP	FIELD VERIFY	FIELD VERIFY	R1-1	30	30	6.25	2.5 PST	4'-6"	WB	FIELD VERIFY STREET LOCATION
98	Bartlett Rd	FIELD VERIFY	FIELD VERIFY	D3-1	30	8	1.67	-	-	EB/WB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #97
99	STOP	145+95	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	WB	
100	Halibut Dr	145+95	RT	D3-1	30	8	1.67	-	-	NB/SB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #99
101	Mountain View Rd	145+95	RT	D3-1	48	8	2.67	-	-	EB/WB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #100
102	MOOSE CROSSING (SYMBOL)	153+00	RT	W11-103	36	36	9.00	-	-	NB	MOUNT ON POWER POLE
103	STOP	154+70	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	EB	
104	Spruce Ln	154+70	LT	D3-1	30	8	1.67	-	-	EB/WB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #103
105	STOP	180+40	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	EB	
106	Tong Rd	180+40	LT	D3-1	24	8	1.33	-	-	EB/WB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #105
107	SPEED LIMIT 45	185+70	RT	R2-1	30	36	7.50	2.5 PST	4'-6"	NB	
108	SPEED LIMIT 35	185+70	LT	R2-1	30	36	7.50	2.5 PST	4'-6"	SB	

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 2/3/15

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

STATE OF ALASKA 49th DAVID B. EPSTEIN CE-6866 REGISTERED PROFESSIONAL ENGINEER
4.4.13

GUS-AREAWIDE PAVING
PROJECT #67416

DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER

SIGN SUMMARY

PATH: Q:\GUS\67416\PLANSET\67416_D1_SUMS.DWG
TAB: D4 Wednesday, February 06, 2013 9:30:04 AM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-0003(164)~67416	2012	D4	28

615(1) STANDARD SIGN SUMMARY

SIGN #	LEGEND	STATION	OFFSET	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SF)	POST	EMBEDDED DEPTH	SIGN FACING	COMMENTS
MOUNTAIN VIEW ROAD											
109	STOP	211+90	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	EB	
110	Veneta Rd	211+90	LT	D3-1	30	8	1.67	-	-	EB/WB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #109
111	Mountain View Rd	211+90	LT	D3-1	48	8	2.67	-	-	NB/SB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #110
112	STOP	227+70	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	EB	
113	Owen Rd	227+70	LT	D3-1	30	8	1.67	-	-	EB/WB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #112
114	RL LAND RECREATION PLATES (HIKER SYMBOL)	FIELD VERIFY	RT	RL-100	24	24	4.00	2.5 PST	4'-6"	NB	FIELD VERIFY LOCATION
115	RL LAND RECREATION PLATES (HIKER SYMBOL)	FIELD VERIFY	LT	RL-100	24	24	4.00	2.5 PST	4'-6"	SB	FIELD VERIFY LOCATION
116	SOFT SHOULDER	265+50	RT	W8-4	36	36	9.00	2.5 PST	4'-6"	NB	
117	CURVE WITH INTERSECTION ADVISORY (ARROW) (SYMBOL)	268+50	RT	W1-10L	36	36	9.00	2.5 PST	4'-6"	SB	
118	20 MPH	268+50	RT	W13-1	24	24	4.00	-	-	SB	MOUNT BELOW SIGN #117
119	SPEED LIMIT 45	268+50	LT	R2-1	30	36	7.50	2.5 PST	4'-6"	NB	
120	CHEVRON (SYMBOL)	272+00	RT	W1-8R	24	30	5.00	2.5 PST	4'-6"	SB	
121	CHEVRON (SYMBOL)	272+40	RT	W1-8L	24	30	5.00	2.5 PST	4'-6"	NB	MOUNT BEHIND SIGN #122
122	CHEVRON (SYMBOL)	272+40	RT	W1-8R	24	30	5.00	-	-	SB	MOUNT BEHIND SIGN #121
123	CHEVRON (SYMBOL)	272+80	RT	W1-8L	24	30	5.00	2.5 PST	4'-6"	NWB	MOUNT BEHIND SIGN #124
124	CHEVRON (SYMBOL)	272+80	RT	W1-8R	24	30	5.00	-	-	SEB	MOUNT BEHIND SIGN #123
125	STOP	273+20	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	SB	
126	Mountain View Rd	273+20	RT	D3-1	48	8	2.67	-	-	NB/SB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #125
127	Park Rd	273+20	RT	D3-1	24	8	1.33	-	-	EB/WB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #126
128	CHEVRON (SYMBOL)	273+20	RT	W1-8L	24	30	5.00	2.5 PST	4'-6"	NWB	MOUNT BEHIND SIGN #129
129	CHEVRON (SYMBOL)	273+20	RT	W1-8R	24	30	5.00	-	-	WSEB	MOUNT BEHIND SIGN #128
130	CHEVRON (SYMBOL)	273+60	RT	W1-8L	24	30	5.00	2.5 PST	4'-6"	NWB	MOUNT BEHIND SIGN #131
131	CHEVRON (SYMBOL)	273+60	RT	W1-8R	24	30	5.00	-	-	SEB	MOUNT BEHIND SIGN #130
132	CHEVRON (SYMBOL)	274+00	RT	W1-8L	24	30	5.00	2.5 PST	4'-6"	WB	
133	CURVE WITH INTERSECTION ADVISORY (ARROW) (SYMBOL)	275+80	LT	W1-10R	36	36	9.00	2.5 PST	4'-6"	EB	
134	20 MPH	275+80	LT	W13-1	24	24	4.00	-	-	EB	MOUNT BELOW SIGN #133
135	SOFT SHOULDER	281+70	LT	W8-4	36	36	9.00	2.5 PST	4'-6"	EB	

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 9/3/15

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

GUS-AREAWIDE PAVING
PROJECT #67416

SIGN SUMMARY

STATE OF ALASKA 49th
DAVID R. EPSTEIN
CE-6866
REGISTERED PROFESSIONAL ENGINEER
4-4-13

DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER

PATH: Q:\GUS\67416\PLANSET\67416_D1_SUMS.DWG
TAB: D5 Wednesday, February 06, 2013 9:30:21 AM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-0003(164)~67416	2012	D5	28

615(1) STANDARD SIGN SUMMARY

SIGN #	LEGEND	STATION	OFFSET	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SF)	POST	EMBEDDED DEPTH	SIGN FACING	COMMENTS
STATE DOCK ROAD											
136	SPEED LIMIT 25	12+10	RT	R2-1	30	36	7.50	2.5 PST	4'-6"	SB	
137	SOFT SHOULDER	15+70	RT	W8-4	36	36	9.00	2.5 PST	4'-6"	SB	
138	STOP	36+20	LT	R1-1	30	30	6.25	2.5 PST	4'-6"	WB	
139	State Dock Rd	36+20	LT	D3-1	42	8	2.33	-	-	NB/SB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #138
140	Fairweather Rd	36+20	LT	D3-1	42	8	2.33	-	-	EB/WB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #139
141	STOP	37+00	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	EB	
142	State Dock Rd	37+00	RT	D3-1	42	8	2.33	-	-	NB/SB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #141
143	Boat Harbor Rd	37+00	RT	D3-1	42	8	2.33	-	-	EB/WB	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #142
144	SOFT SHOULDER	45+15	LT	W8-4	36	36	9.00	2.5 PST	4'-6"	SB	
145	END ROAD 1000 FT	73+00	RT	W14-101	36	36	9.00	2.5 PST	4'-6"	SB	
146	SPEED LIMIT 25	77+00	LT	R2-1	30	36	7.50	2.5 PST	4'-6"	NB	
147	STOP	FIELD VERIFY	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	-	FIELD VERIFY LOCATION
148	Bills Dr	FIELD VERIFY	RT	D3-1	24	8	1.33	-	-	-	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #147
149	STOP	FIELD VERIFY	RT	R1-1	30	30	6.25	2.5 PST	4'-6"	-	FIELD VERIFY LOCATION
150	Meadowbrook Ln	FIELD VERIFY	RT	D3-1	48	8	2.67	-	-	-	(USE FONT SERIES C, 4"/3" LETTER HEIGHT) MOUNT ABOVE SIGN #149
151	SCHOOL ZONE SYMBOL			S1-1	36	36	6.75	2.5 PST	4'-6"		TOTAL QTY = 6 TOTAL SF AREA = 40.50 GUSTAVUS ROAD
152	SCHOOL SPEED LIMIT			S5-2	36	72	18.00	2.5 PST	4'-6"		TOTAL QTY = 2 TOTAL SF AREA = 36.00 GUSTAVUS ROAD
153	END SCHOOL ZONE			S5-2	24	30	5.00	2.5 PST	4'-6"		TOTAL QTY = 2 TOTAL SF AREA = 10.00 GUSTAVUS ROAD
154	WHEN KIDS ARE PRESENT			S4-2P	36	18	4.50	2.5 PST	4'-6"		TOTAL QTY = 2 TOTAL SF AREA = 9.00 GUSTAVUS ROAD
155	ARROW			W16-7P	30	18	3.75	2.5 PST	4'-6"		TOTAL QTY = 4 TOTAL SF AREA = 15.00 GUSTAVUS ROAD
156	AHEAD			W16-9P	36	18	4.50	2.5 PST	4'-6"		TOTAL QTY = 2 TOTAL SF AREA = 9.00 GUSTAVUS ROAD

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 2/3/15

CHECKED BY: D. EPSTEIN

STATE OF ALASKA
DAVID W. EPSTEIN
CE-6866
49th
PROFESSIONAL ENGINEER
4.4.13

DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER

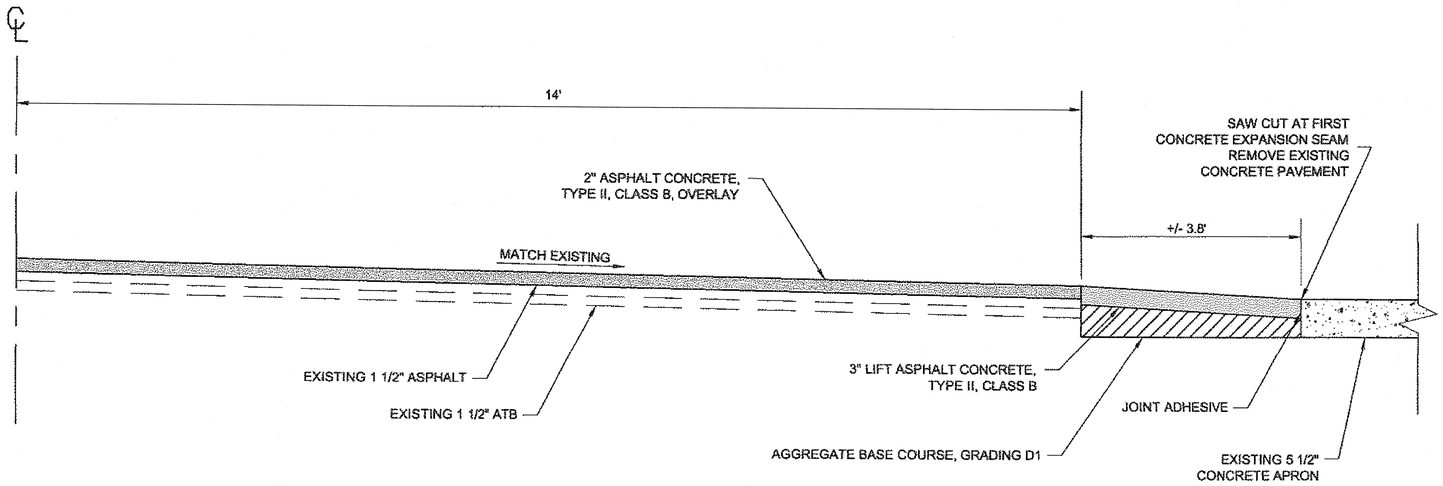
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

GUS-AREAWIDE PAVING
PROJECT #67416

SIGN SUMMARY

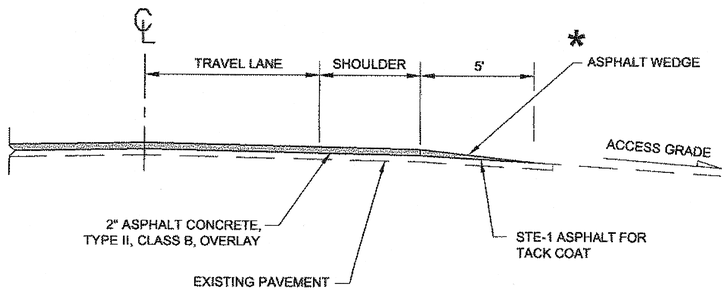
PATH: Q:\GUS\67416\PLANSET\67416_D1_SUMS.DWG
TAB: D6 Wednesday, February 06, 2013 9:30:37 AM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-0003(164)-67416	2012	D6	28



CONCRETE APRON

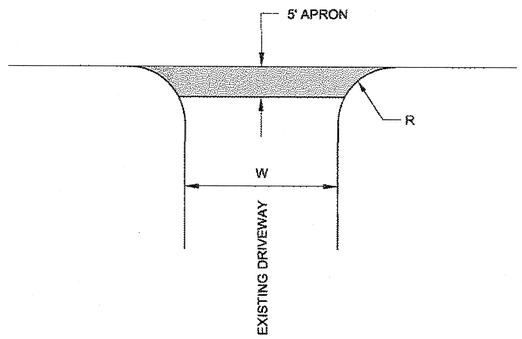
"G2" LINE STA. 29+50 TO STA. 31+75
N.T.S.



* CONSTRUCT AN ASPHALT WEDGE TO PROVIDE A SMOOTH TRANSITION TO PAVED DRIVEWAYS. PROVIDE FULL 2" ASPHALT PAVEMENT THICKNESS AND MATCH TO GRAVEL DRIVEWAYS.

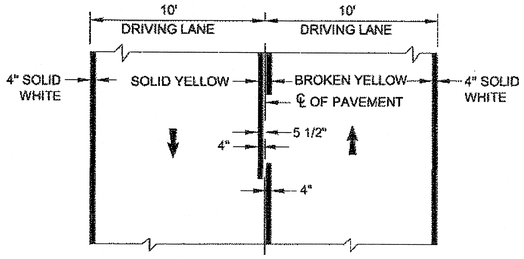
(R) VARIES (10' MIN.)

(W) VARIES: RESIDENTIAL .....14' MIN., 24' MAX.
COMMERCIAL
OR APPROACH .....20' MIN., 34' MAX.



DRIVEWAY DETAIL

N.T.S.

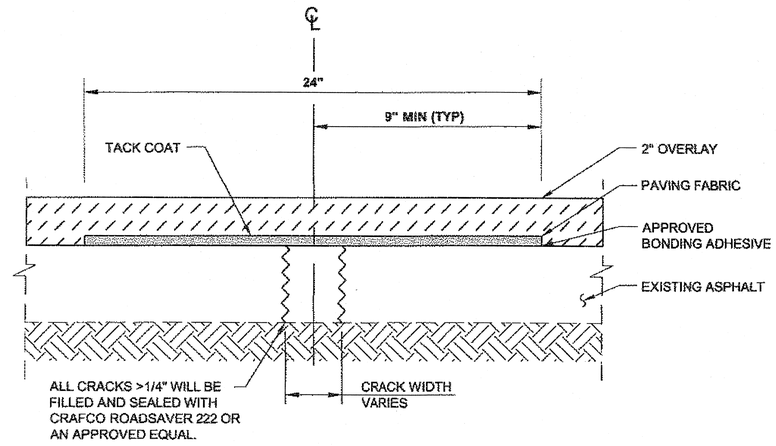


STRIPING NOTE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING, STAKING, AND RECORDING THE BEGINNING AND END OF ALL EXISTING TRAFFIC MARKINGS PRIOR TO CONSTRUCTION.

STRIPING DETAIL

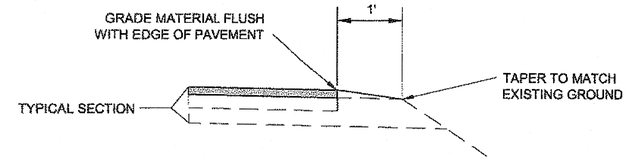
N.T.S.



PAVING FABRIC/CRACK REPAIR

NOTES:

1. REFER TO SECTION 632 IN THE SPECIFICATIONS FOR SURFACE PREPARATION.
2. APPLY APPROVED TACK COAT OVER MEMBRANE PRIOR TO PAVING.
3. CRACK REPAIR PAID FOR UNDER ITEM 632(1) PAVING FABRIC.



LINEAR GRADING

LEFT AND RIGHT EDGE OF PAVEMENT

NOTES:

1. LINEAR GRADING SHALL BE PAID FOR UNDER ITEM 303 (3).

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 7/15

CHECKED BY: P. CARROLL
L. Pat Carroll CE-9356 REGISTERED PROFESSIONAL ENGINEER STATE OF ALASKA 49th 4/4/13
DESIGNED BY: D. LESTER
DRAWN BY: D. STEVENS, R. GRANTHAM

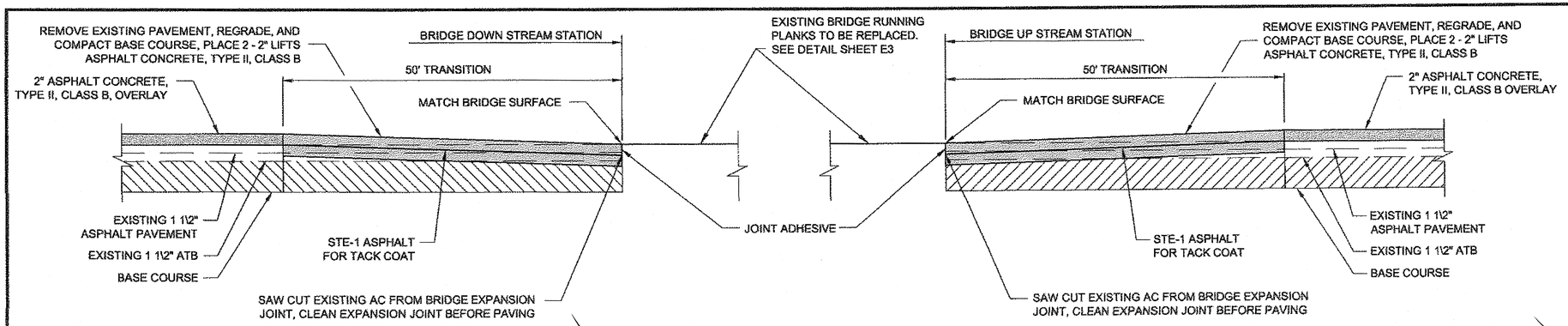
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GUS-AREAWIDE PAVING
PROJECT #67416

MISC. DETAILS

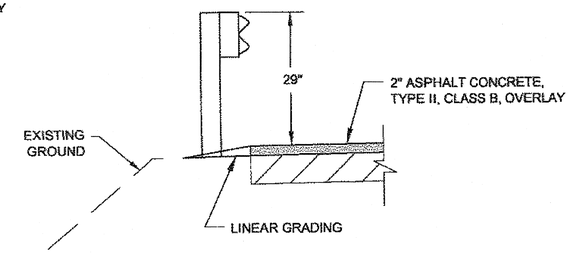
PATH: G:\GUS\67416\PLANSET\67416_E1-E2_ DETLS.DWG
TAB: E1 Wednesday, February 06, 2013 9:38:34 AM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-0003(164)~67416	2012	E1	28



SALMON RIVER BRIDGE DETAIL

N.T.S.

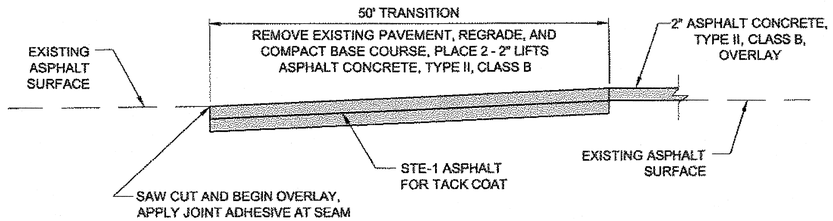


RAISING EXISTING GUARDRAIL DETAIL

N.T.S.

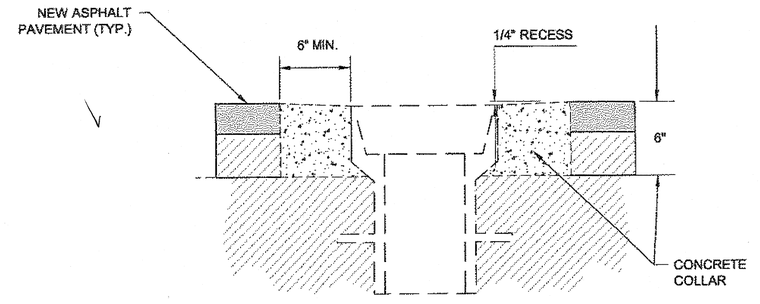
NOTE:

1. WHEN GUARDRAIL HEIGHT MEASURES LESS THAN 26-1/2" FROM TOP OF EXISTING RAIL TO TOP OF NEW PAVEMENT, ADJUST GUARDRAIL HEIGHT TO 29".
2. TRANSITIONS TO BRIDGE RAILING AND END TERMINALS TO REMAIN AT 27" HEIGHT. TRANSITION FROM 29" TO 27" OVER A LENGTH OF 25'.



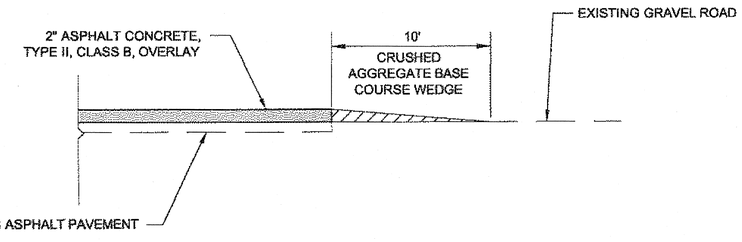
TYPICAL PAVEMENT MATCH JOINT DETAIL

N.T.S.



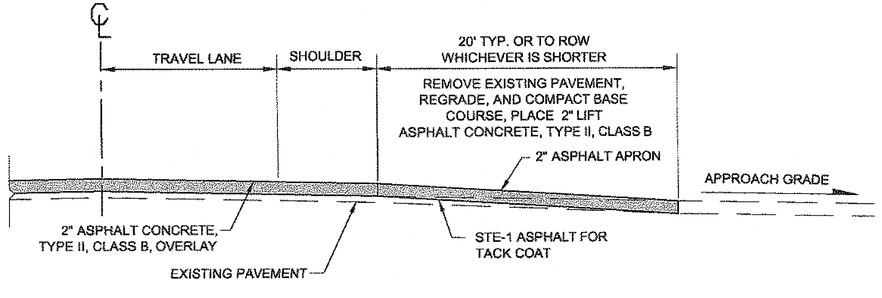
MONUMENT CASE ADJUSTMENT DETAIL

N.T.S.



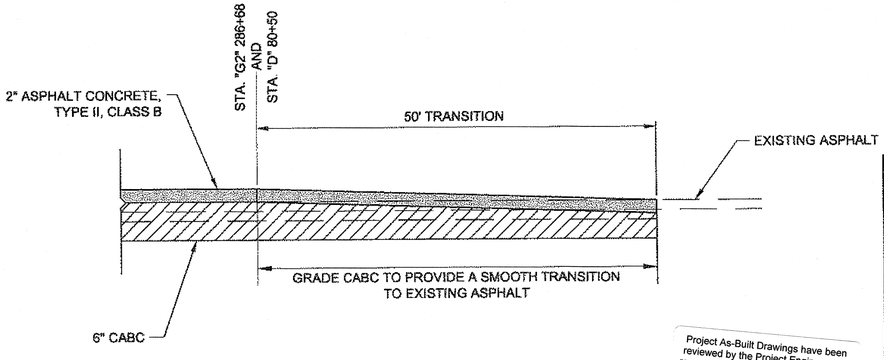
TYPICAL STA. "A1" LINE 40+49 END PAVING

N.T.S.



TYPICAL STREET APPROACH PROFILE

N.T.S.



CABC PAVEMENT MATCH JOINT DETAIL

N.T.S.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 4/9/15

CHECKED BY: P. CARROLL
DESIGNED BY: D. LESTER
DRAWN BY: D. STEVENS, R. GRANTHAM

STATE OF ALASKA
L Pat Carroll
CE-9356
REGISTERED PROFESSIONAL ENGINEER
4/4/13

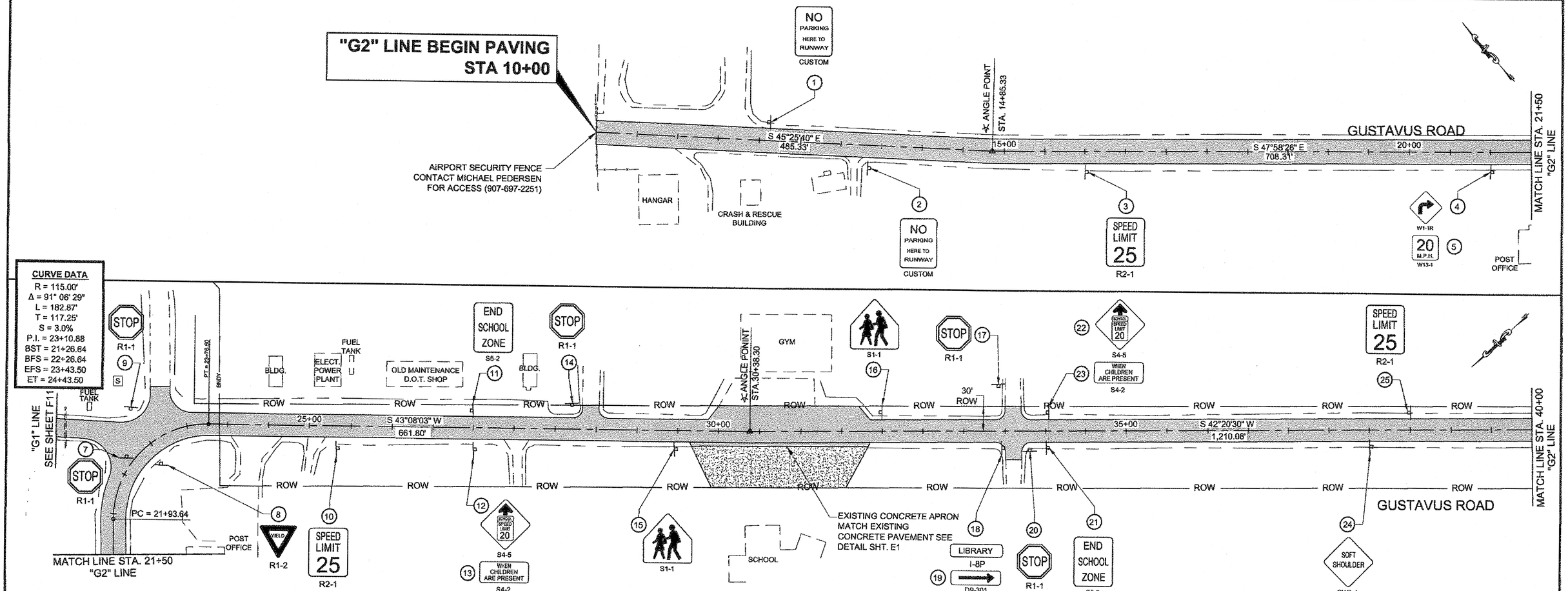
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GUS-AREAWIDE PAVING
PROJECT #67416

MISC. DETAILS

PATH: Q:\GUS\67416\PLANSET\67416_E1-E2_ DETLS.DWG
TAB: E2 Wednesday, February 06, 2013 9:38:46 AM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-0003(164)~67416	2012	E2	28



GENERAL NOTE:

ALL ROADWAY ALIGNMENT DATA SHOWN IN THESE PLANS IS BASED FROM AS-BUILTS RECORDS. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL ROADS, UTILITIES, SIGNS...ETC. PRIOR TO START UP. ANY CHANGES WILL BE APPROVED BY THE PROJECT ENGINEER. INTENT OF THIS PROJECT IS TO REPLACE THE ROADS IN THERE EXISTING LOCATION.

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 2/3/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: P. CARROLL

STATE OF ALASKA
L. Pat Carroll
CE-9356
REGISTERED PROFESSIONAL ENGINEER
4/4/13

DESIGNED BY: D. LESTER
DRAWN BY: D. STEVENS, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

GUS-AREAWIDE PAVING
PROJECT #67416

PLAN VIEW

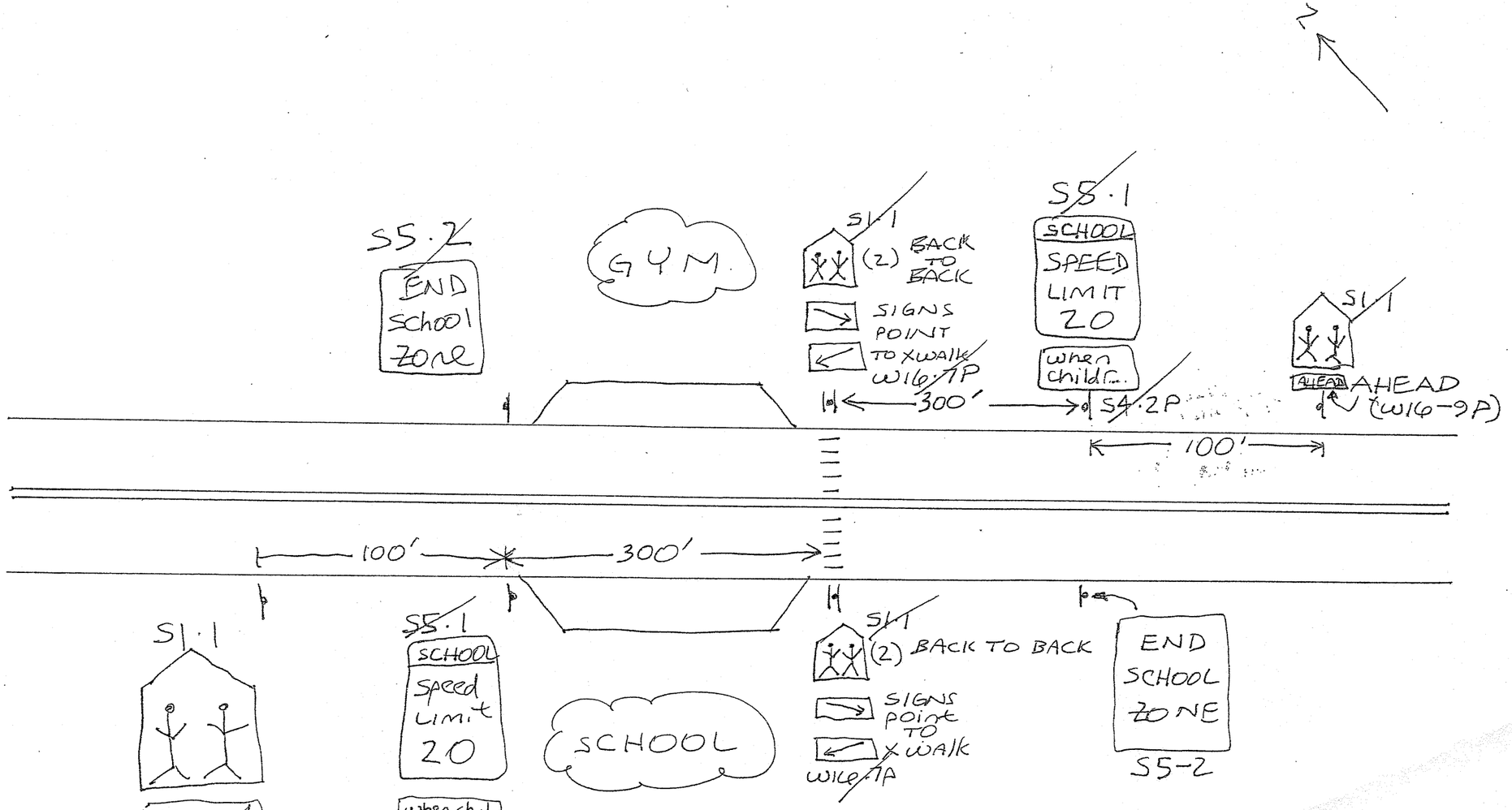
PATH: Q:\GUS\67416\PLANSET\67416_F1-F10_PLAN.DWG
TAB: F1 Wednesday, February 06, 2013 10:21:15 AM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-0003(164)~67416	2012	F1	28

CHANGE ORDER 2

GUSTAVUS ROAD

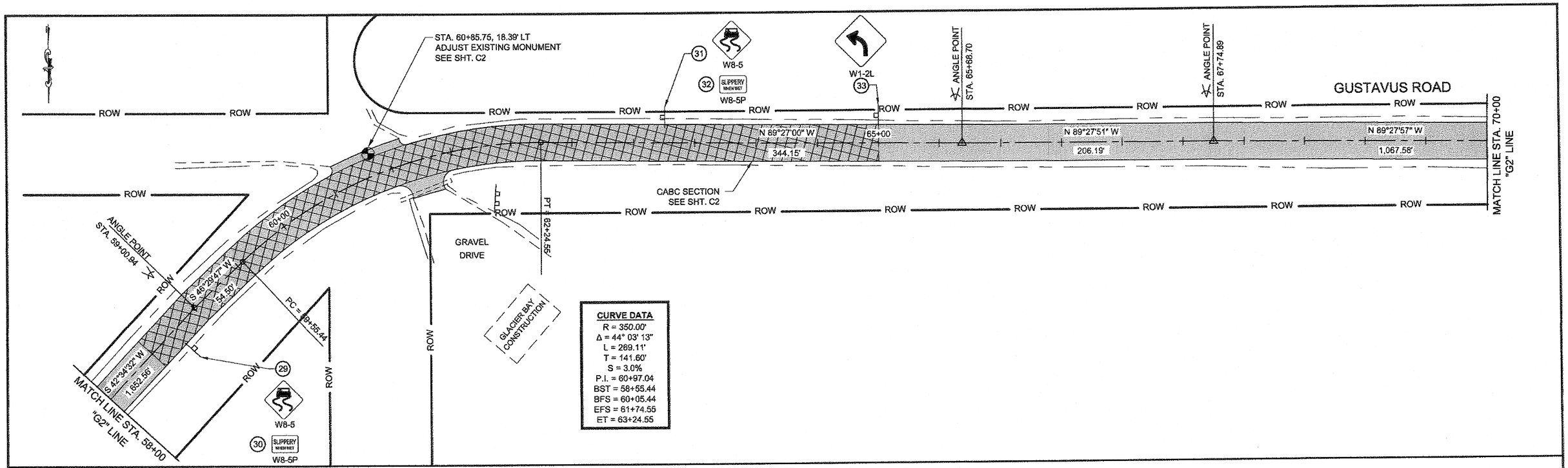
INSTALLED BETWEEN STATION 29+50 — 34+00 RIGHT & LEFT.

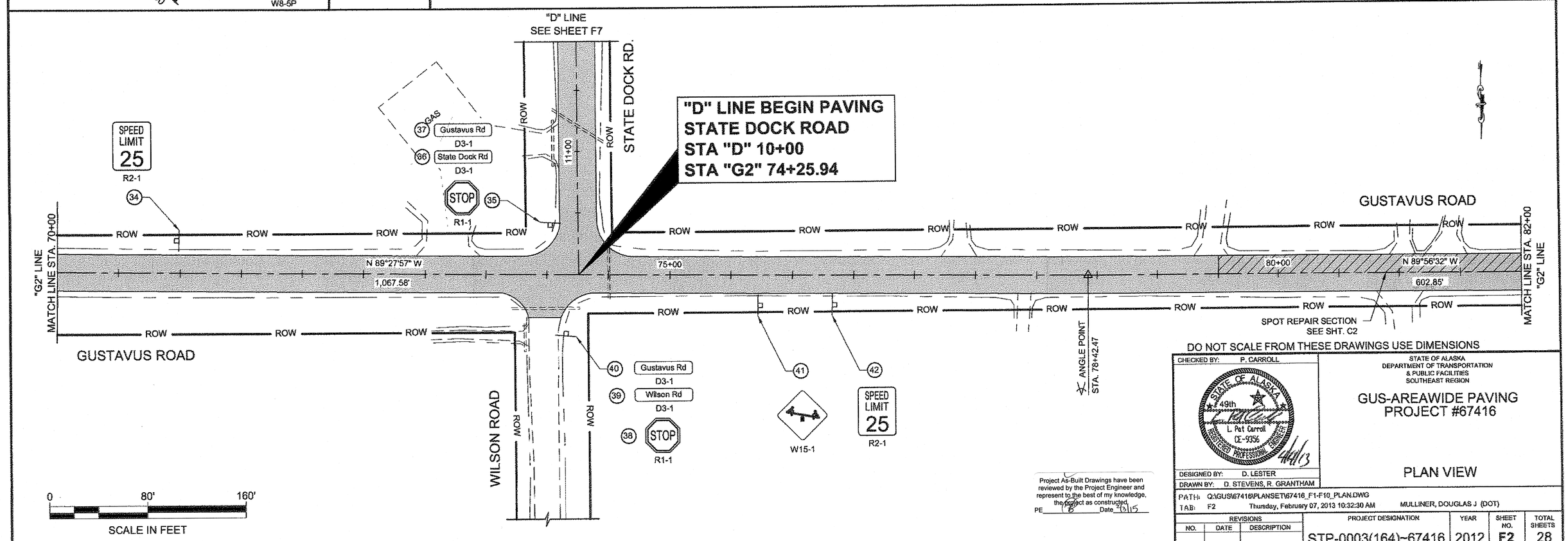


Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.

PE _____ Date 2/3/15

SHEET F1A #67416





DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 2/5/15

CHECKED BY: P. CARROLL

STATE OF ALASKA
L. Pat Carroll
CE-9356
REGISTERED PROFESSIONAL ENGINEER
4/4/13

DESIGNED BY: D. LESTER
DRAWN BY: D. STEVENS, R. GRANTHAM

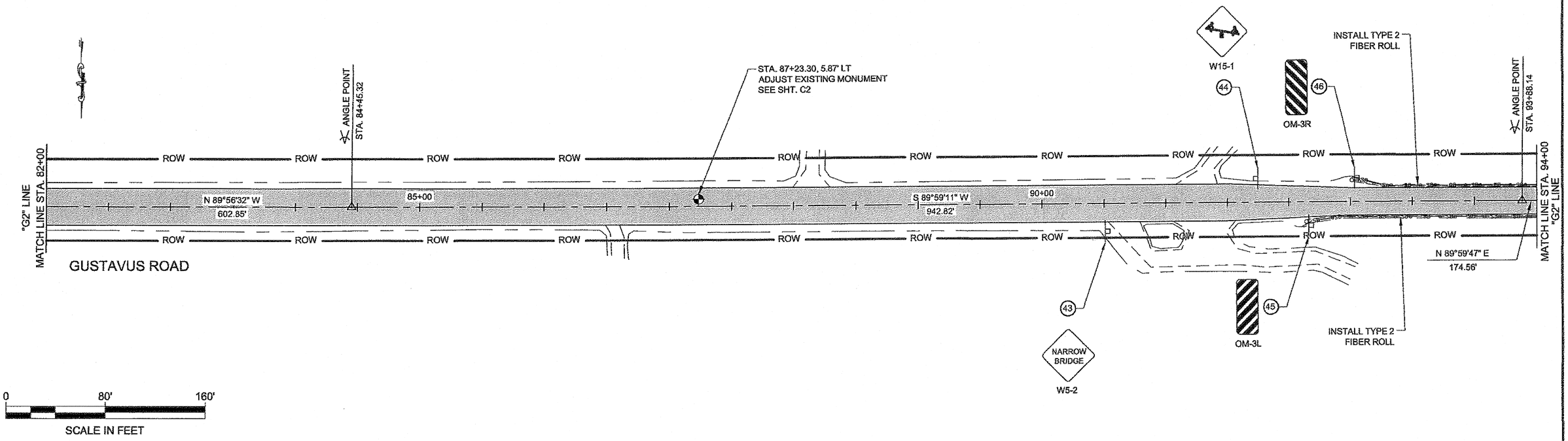
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

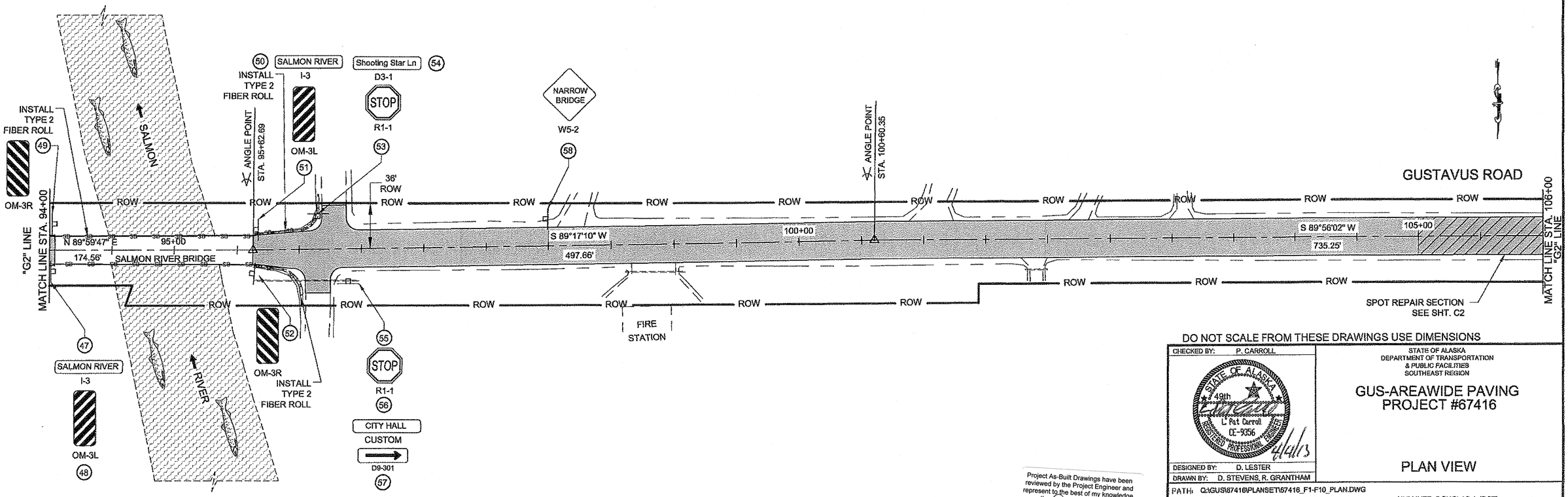
GUS-AREAWIDE PAVING
PROJECT #67416

PLAN VIEW

PATH: Q:\GUS\67416\PLANSET\67416_F1-F10_PLAN.DWG
TAB: F2 Thursday, February 07, 2013 10:32:30 AM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-0003(164)~67416	2012	F2	28





DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the Project as constructed.
PE _____ Date 7/3/15

CHECKED BY: P. CARROLL

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

GUS-AREAWIDE PAVING
PROJECT #67416

PLAN VIEW

DESIGNED BY: D. LESTER
DRAWN BY: D. STEVENS, R. GRANTHAM

PATH: Q:\GUS\67416\PLANSET\67416_F1-F10_PLAN.DWG
TAB: F3 Thursday, April 04, 2013 1:52:43 PM MULLINER, DOUGLAS J (DOT)

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION				
			STP-0003(164)~67416	2012	F3	28

GUSTAVUS ROAD

"G2" LINE
MATCH LINE STA. 106+00

ROW

S 89°56'02" W
735.25'

ANGLE POINT
STA. 107+95.60

110+00

CARPORT

STOP
R1-1
64

CLINIC
I-8P
D9-301
65
66

N 89°50'47" W
565.59'

STA. 113+33.65, 3.37' RT
ADJUST EXISTING MONUMENT
SEE SHT. C2

ANGLE POINT
STA. 113+81.19

115+00

68
SPEED LIMIT
25
R2-1

N 89°59'57" W
1003.50'

"G2" LINE
MATCH LINE STA. 118+00

SPOT REPAIR SECTION
SEE SHT. C2

59
CLINIC
I-8P
D9-301
60

36'
ROW

DOLLY VARDEN DR

63
Gustavus Rd
D3-1
62
DollyVarden Dr
D3-1
61
STOP
R1-1

36'
ROW

67
SPEED LIMIT
35
R2-1

CHUM DRIVE

70
Chum Dr
D3-1
STOP
R1-1
69

GUSTAVUS ROAD

"G2" LINE
MATCH LINE STA. 118+00

N 89°59'57" W
1,003.50'

120+00

ANGLE POINT
STA. 123+84.69

125+00

N 89°58'03" W
242.24'

SOFT SHOULDER
CW8-4
77

W1-8L
78

W1-8R
79

W1-8L
80

W1-8R
81

W1-8L
82

84
Gustavus Rd
D3-1
85
Good River Rd
D3-1
86
Mountain View Rd
D3-1

83
STOP
R1-1
GOOD RIVER RD

38'
ROW

KING SALMON DRIVE

71
W8-5
72
SLIPPERY WHEN WET
W8-5P

74
King Salmon Dr
D3-1
STOP
R1-1
73

75
W1-10R
20
M.P.H.
W13-1
76

CABC SECTION
SEE SHT. C2

PC = 126+26.93

STA. 126+54.41, 2.61' RT
ADJUST EXISTING MONUMENT
SEE SHT. C2

PT = 128+19.41

87
W1-8R
88
W1-8L
89
W1-8R
90
W1-8L
91
W1-8R

100' TRANSITION
STA. 128+50 = 28' TO
STA. 129+50 = 22'

MOUNTAIN VIEW ROAD

MATCH LINE STA. 129+00
"G2" LINE

CURVE DATA
R = 125.00'
Δ = 88° 13' 36"
L = 192.48'
T = 121.19'
S = 3.0%
P.I. = 127+48.12
BST = 125+49.93
BFS = 126+64.93
EFS = 127+81.41
ET = 128+96.41

0 80' 160'
SCALE IN FEET

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 2/5/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: P. CARROLL

STATE OF ALASKA
L. Pat Carroll
CE-9356
49th
REGISTERED PROFESSIONAL ENGINEER
4/4/13

DESIGNED BY: D. LESTER
DRAWN BY: D. STEVENS, R. GRANTHAM

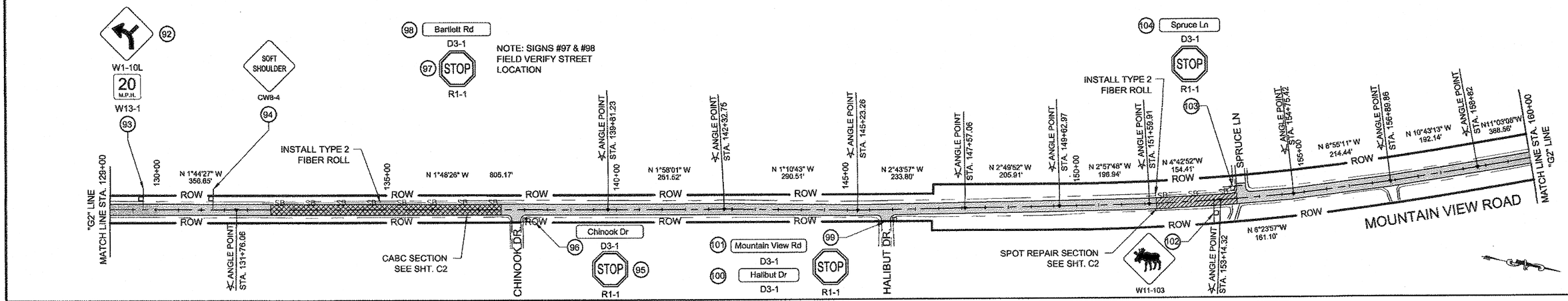
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

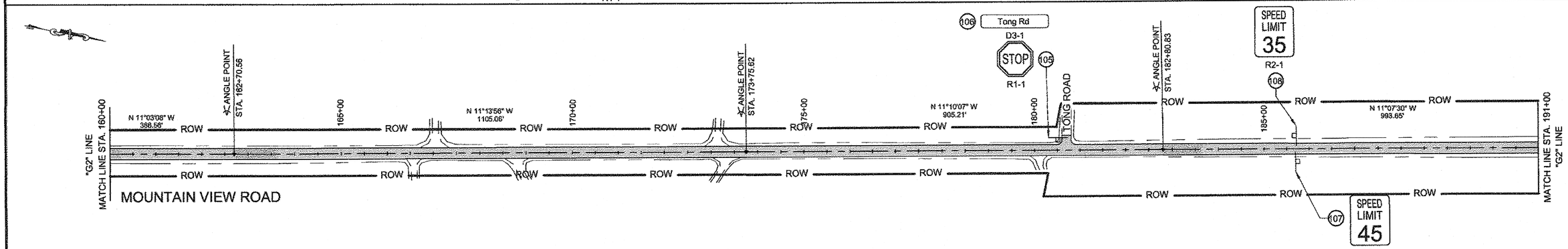
GUS-AREAWIDE PAVING
PROJECT #67416

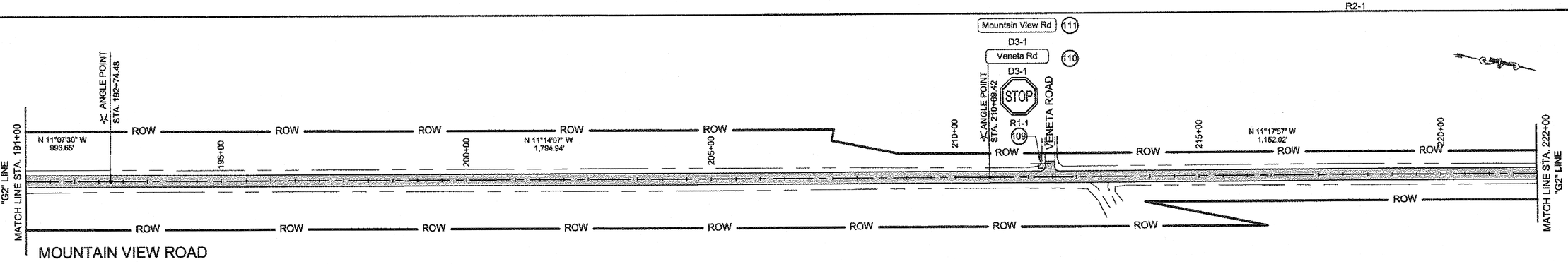
PLAN VIEW

PATH: Q:\GUS\67416\PLANSET\67416_F1-F10_PLAN.DWG
TAB: F4 Wednesday, February 06, 2013 10:21:53 AM MULLINER, DOUGLAS J (DOT)

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION				
			STP-0003(164)~67416	2012	F4	28







DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

0 100' 200' 400'

SCALE IN FEET

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.

PE _____ Date 7/3/15

CHECKED BY: P. CARROLL

STATE OF ALASKA · 49th · L. Pat Carroll · CE-9356 · REGISTERED PROFESSIONAL ENGINEER

4/4/13

DESIGNED BY: D. LESTER

DRAWN BY: D. STEVENS, R. GRANTHAM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

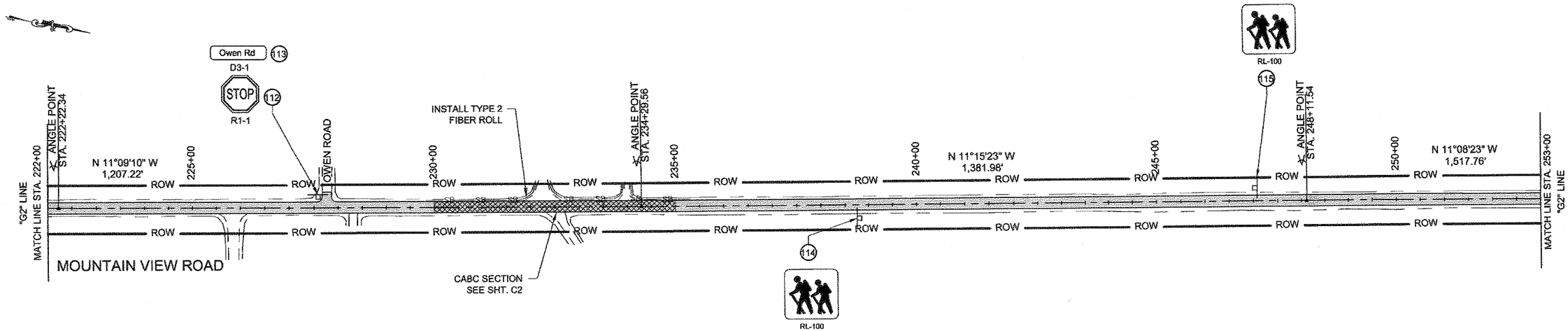
GUS-AREAWIDE PAVING
PROJECT #67416

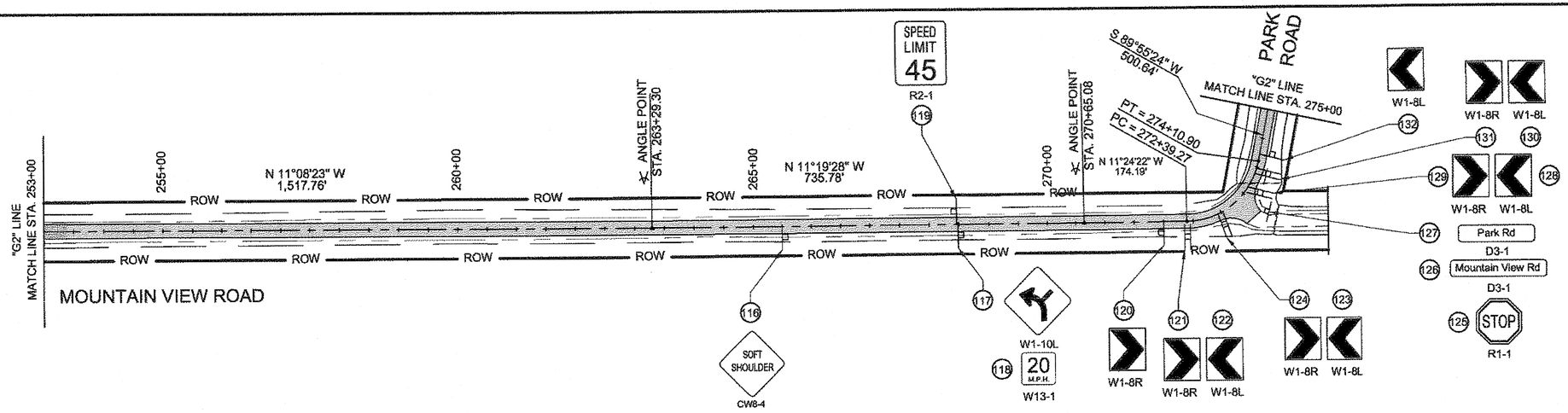
PLAN VIEW

PATH: Q:\GUS\67416\PLANSET\67416_F1-F10_PLAN.DWG

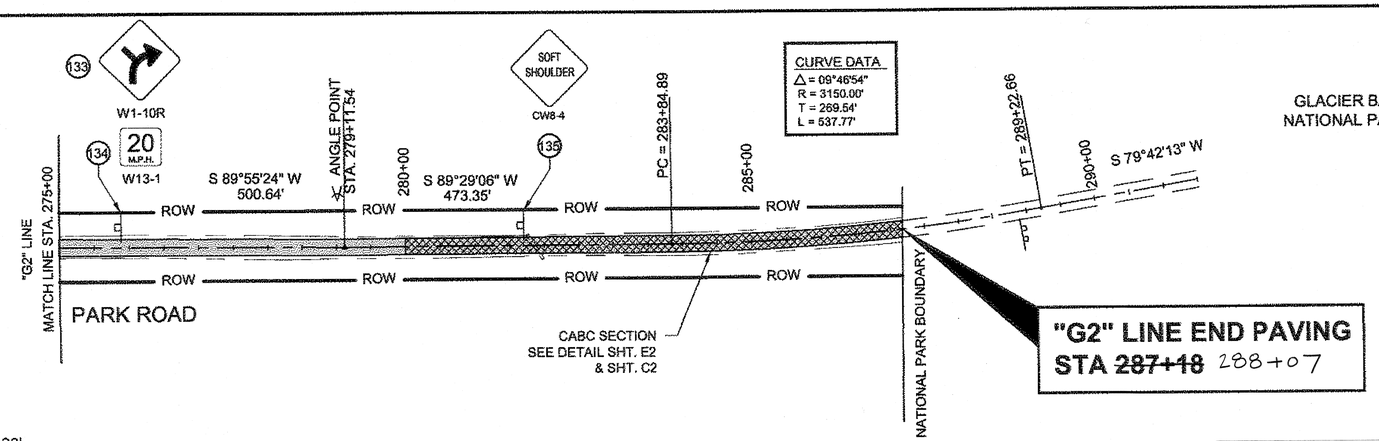
TAB: F5 Wednesday, February 06, 2013 10:22:06 AM MULLINER, DOUGLAS J (DOT)

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION				
			STP-0003(164)~67416	2012	F5	28





CURVE DATA
R = 125.00'
Δ = 78° 40' 15"
L = 171.63'
T = 102.44'
S = 3.0%
P.I. = 273+41.71
BST = 271+62.27
BFS = 272+77.27
EFS = 273+72.90
ET = 274+87.90



0 100' 200' 400'
SCALE IN FEET

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the Project as constructed.
PE _____ Date 4/3/15

CHECKED BY: P. CARROLL
STATE OF ALASKA
L. Pat Carroll
CE-9356
49th
REGISTERED PROFESSIONAL ENGINEER
4/4/13
DESIGNED BY: D. LESTER
DRAWN BY: D. STEVENS, R. GRANTHAM

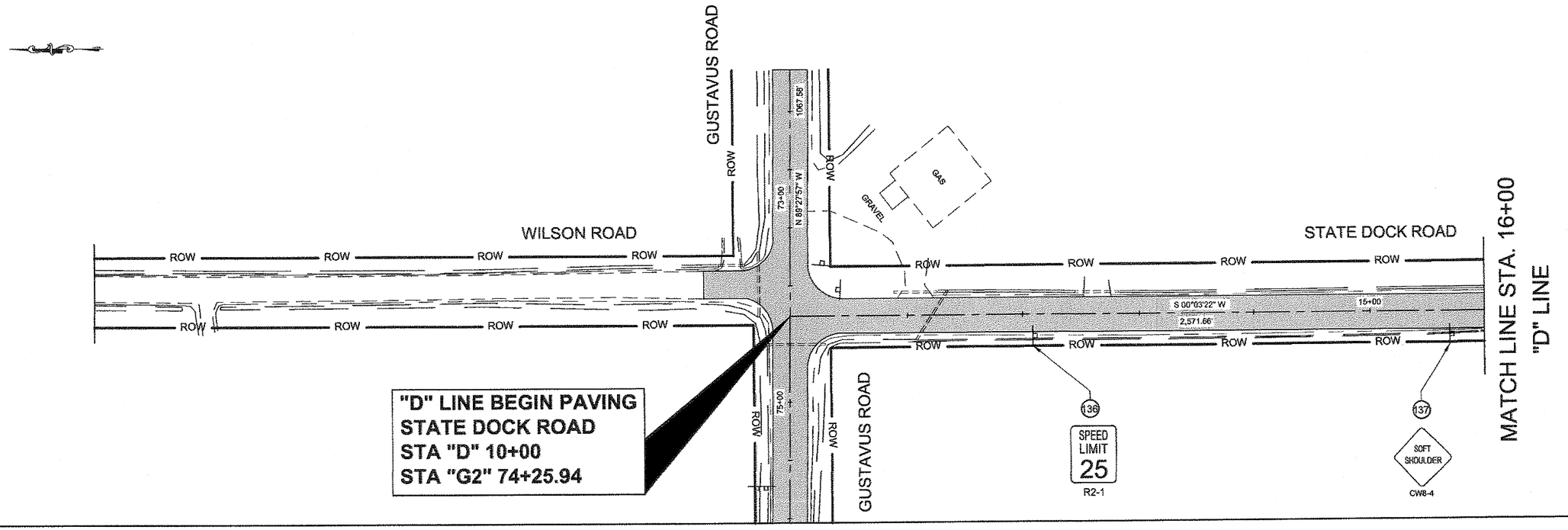
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

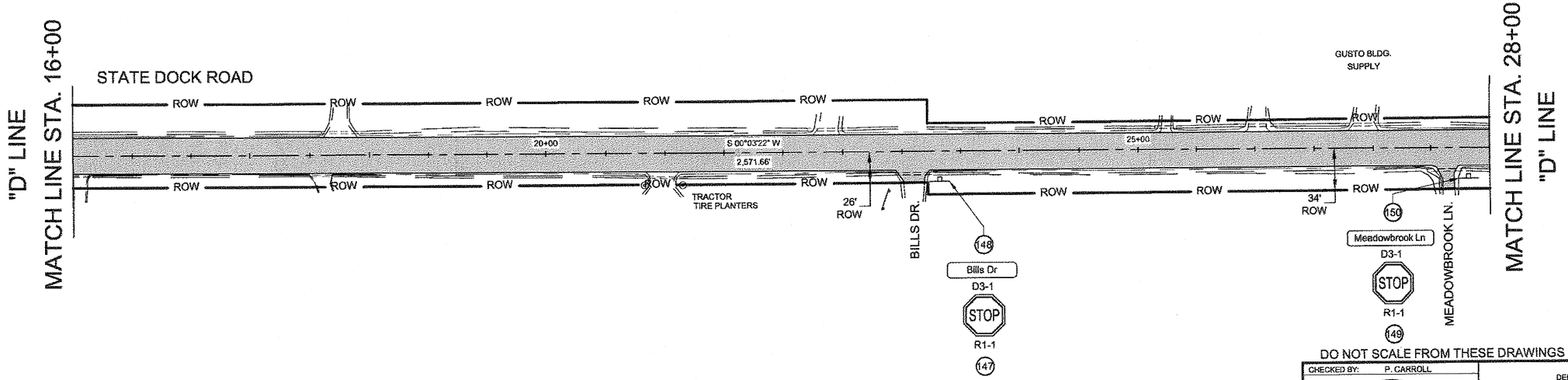
GUS-AREAWIDE PAVING
PROJECT #67416

PLAN VIEW

PATH: Q:\GUS\67416\PLANSET\67416_F1-F10_PLAN.DWG
TAB: F6 Wednesday, February 06, 2013 10:22:18 AM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-0003(164)~67416	2012	F6	28





DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

0 80' 160'

SCALE IN FEET

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.

PE _____ Date 2/3/15

CHECKED BY: P. CARROLL

STATE OF ALASKA
L. Pat Carroll
CE-9356
REGISTERED PROFESSIONAL ENGINEER
2/1/13

DESIGNED BY: D. LESTER

DRAWN BY: D. STEVENS, R. GRANTHAM

PATH: Q:\GUS\67416\PLANSET\67416_F1-F10_PLAN.DWG

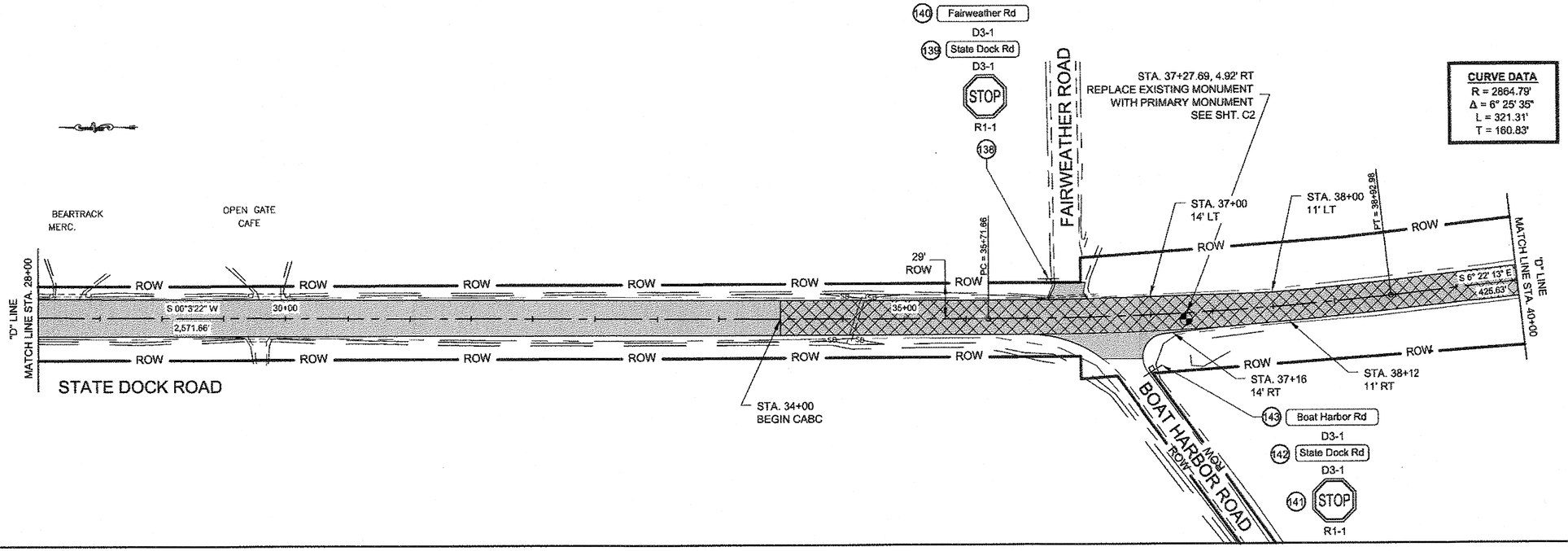
TAB: F7 Wednesday, February 06, 2013 10:22:30 AM MULLINER, DOUGLAS J (DOT)

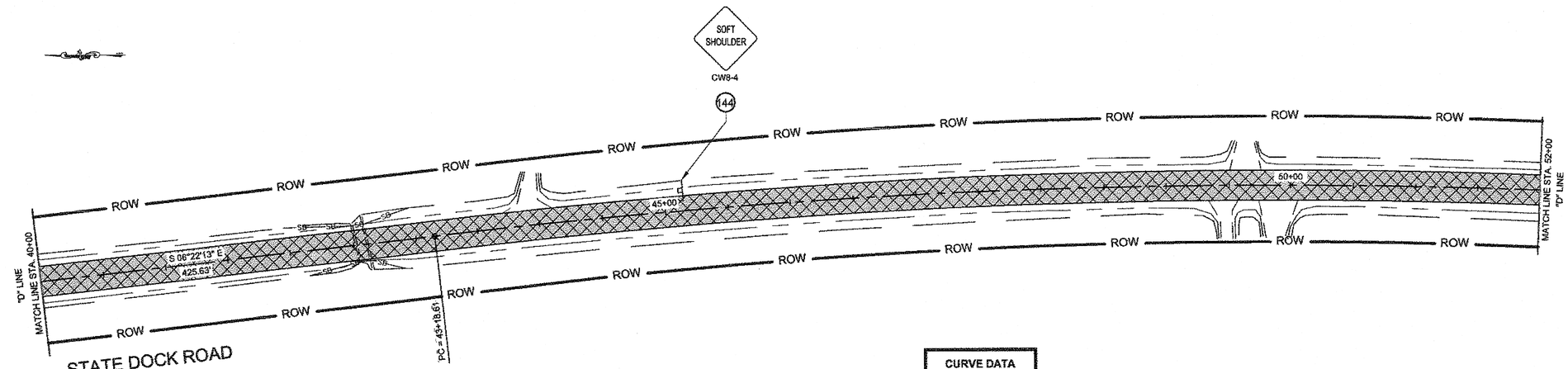
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

GUS-AREAWIDE PAVING
PROJECT #67416

PLAN VIEW

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION				
			STP-0003(164)~67416	2012	F7	28





CURVE DATA
R = 5729.58'
Δ = 13° 54' 36"
L = 1390.99'
T = 698.93'

0 80' 160'
SCALE IN FEET

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 2/3/15

CHECKED BY: P. CARROLL
DESIGNED BY: D. LESTER
DRAWN BY: D. STEVENS, R. GRANTHAM

STATE OF ALASKA
L. Pat Carroll
CE-9356
REGISTERED PROFESSIONAL ENGINEER
49th
4/11/13

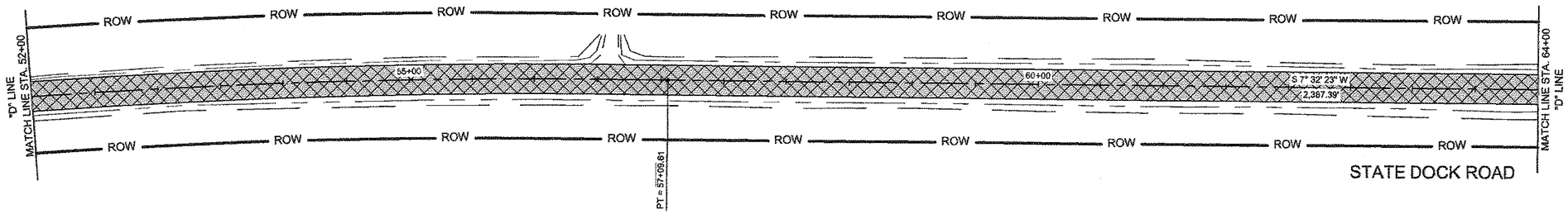
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

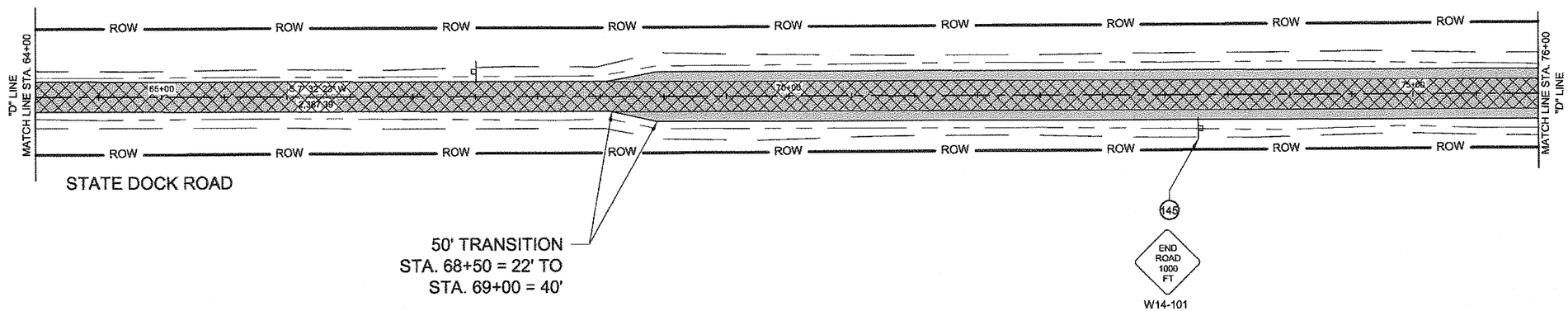
GUS-AREAWIDE PAVING
PROJECT #67416

PLAN VIEW

PATH: Q:\GUS\67416\PLANSET\67416_F1-F10_PLAN.DWG
TAB: F8 Wednesday, February 06, 2013 10:22:40 AM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-0003(164)~67416	2012	F8	28





0 80' 160'

SCALE IN FEET

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 2/5/15

CHECKED BY: P. CARROLL

STATE OF ALASKA
L. Pat Carroll
CE-9356
49th
REGISTERED PROFESSIONAL ENGINEER
2/4/13

DESIGNED BY: D. LESTER
DRAWN BY: D. STEVENS, R. GRANTHAM

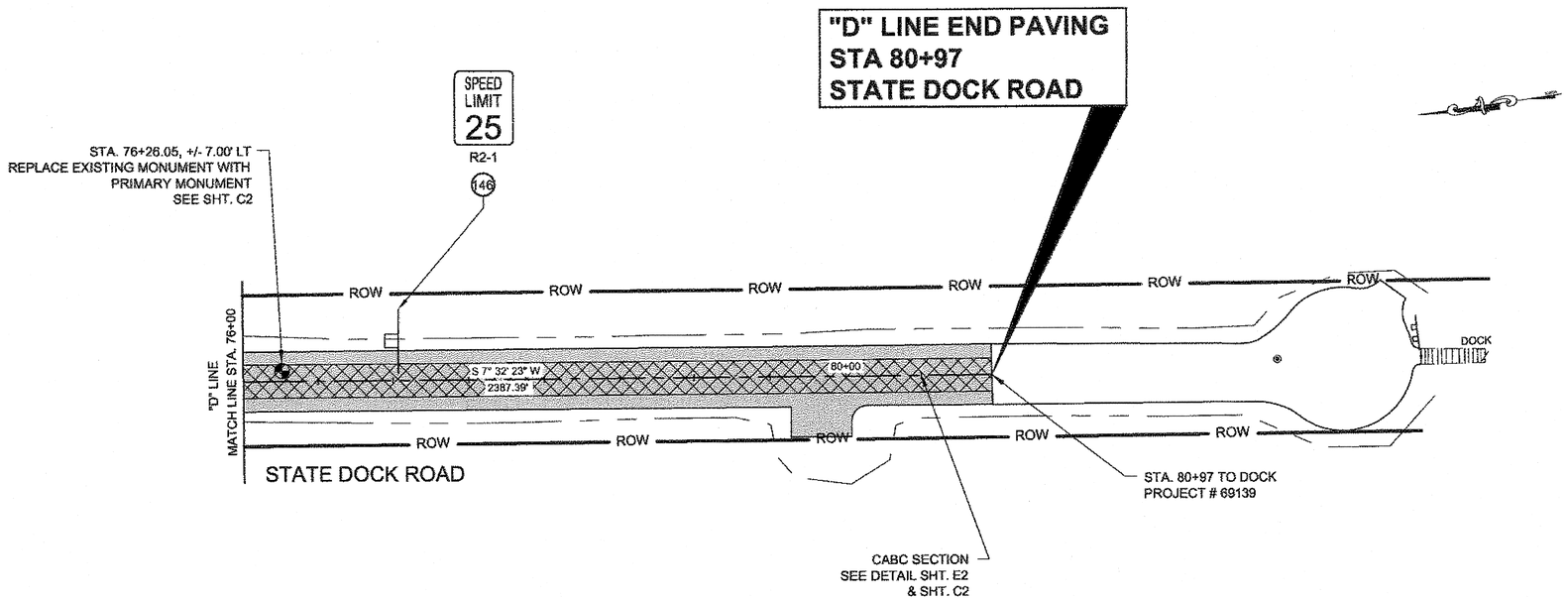
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

GUS-AREAWIDE PAVING
PROJECT #67416

PLAN VIEW

PATH: Q:\GUS\67416\PLANSET\67416_F1-F10_PLAN.DWG
TAB: F9 Wednesday, February 06, 2013 10:22:50 AM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-0003(164)~67416	2012	F9	28



0 80' 160'

SCALE IN FEET

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 7/3/15

CHECKED BY: P. CARROLL

STATE OF ALASKA
L. Pat Carroll
CE-9356
49th
REGISTERED PROFESSIONAL ENGINEER
4/4/13

DESIGNED BY: D. LESTER
DRAWN BY: D. STEVENS, R. GRANTHAM

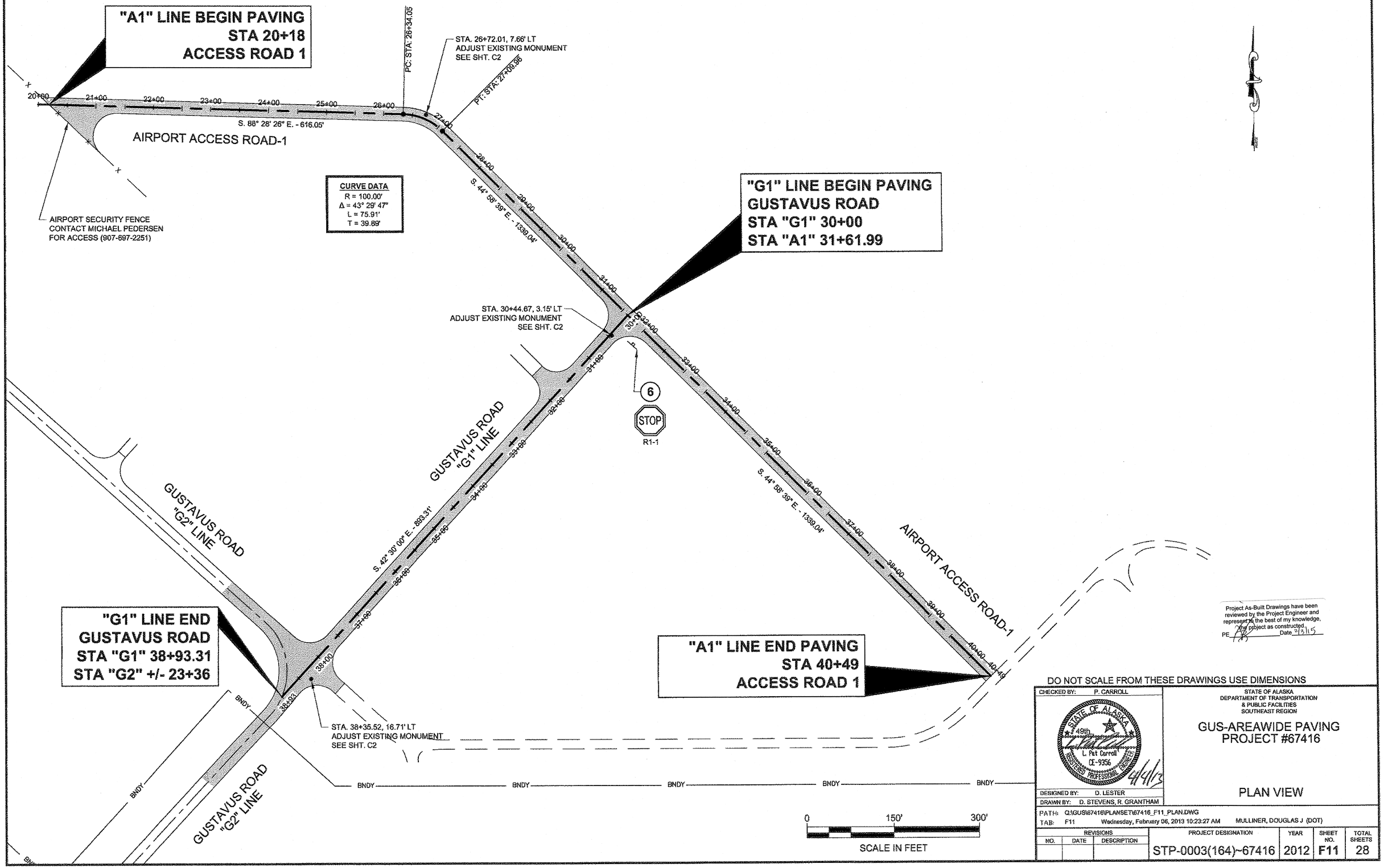
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

GUS-AREAWIDE PAVING
PROJECT #67416

PLAN VIEW

PATH: Q:\GUS\67416\PLANSET\67416_F1-F10_PLAN.DWG
TAB: F10 Wednesday, February 06, 2013 10:23:01 AM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-0003(164)~67416	2012	F10	28



Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 3/31/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: P. CARROLL

STATE OF ALASKA
L. Pat Carroll
CE-9356
REGISTERED PROFESSIONAL ENGINEER
4/4/13

DESIGNED BY: D. LESTER
DRAWN BY: D. STEVENS, R. GRANTHAM

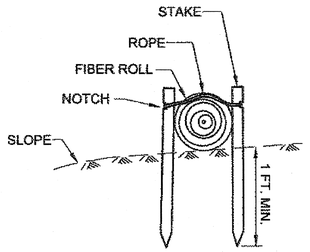
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

GUS-AREAWIDE PAVING
PROJECT #67416

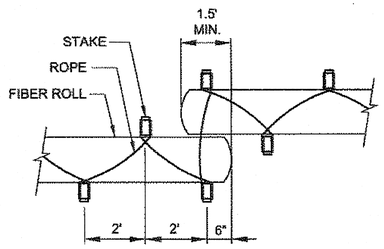
PLAN VIEW

PATH: C:\GUS\67416\PLANSET\67416_F11_PLAN.DWG
TAB: F11 Wednesday, February 06, 2013 10:23:27 AM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-0003(164)~67416	2012	F11	28



SECTION



PLAN

FIBER ROLL (TYPE 2)

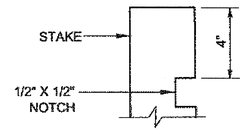
N.T.S.



PERSPECTIVE

FIBER ROLL (TYPE 2)

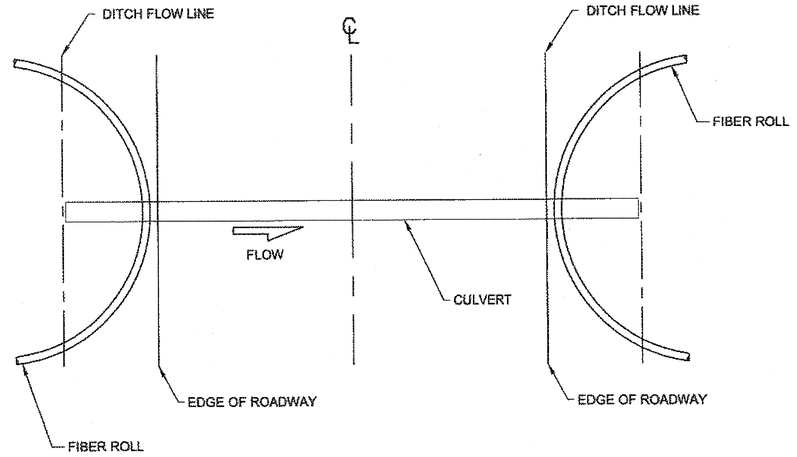
N.T.S.



STAKE TYPE 2

TYPICAL FIBER ROLL DETAIL

N.T.S.



FIBER ROLL PLACEMENT AT CULVERTS

N.T.S.

NOTES:

1. THE LOCATION AND LENGTH OF FIBER ROLLS IS DEPENDENT ON THE CONDITION OF THE SITE.
2. LAP ADJACENT FIBER ROLLS TO PREVENT SEDIMENT BYPASS.
3. ANCHOR AS NECESSARY TO FIRMLY SECURE FIBER ROLLS AND PROVIDE CONTINUOUS CONTACT WITH THE SURFACE ON WHICH IT IS INSTALLED.

EROSION & SEDIMENT CONTROL NOTES:

1. REFER TO APPENDIX B OF THE CONTRACT DOCUMENTS FOR THE ENVIRONMENTAL COMMITMENTS.
2. THE LOCATIONS OF TEMPORARY EROSION & SEDIMENT POLLUTION CONTROLS SHOWN ON F-SHEETS ARE RECOMMENDATIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PREPARE AND IMPLEMENT A WATER QUALITY CONTROL PLAN (WQCP) ACCORDING TO SECTION 641 OF THE SPECS.
3. INSTALL EROSION AND SEDIMENT CONTROL DEVICES BEFORE BEGINNING EARTH DISTURBING ACTIVITIES AND COLD PLANING OR AS SPECIFIED ELSEWHERE.
4. IF INSPECTION REVEALS SEDIMENT IS DISCHARGED BEYOND THE PROJECT WORK LIMITS. IMMEDIATELY IMPLEMENT CORRECTIVE ACTION. ADDITIONAL BMP'S MAY BE REQUIRED.

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 7/3/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: P. CARROLL

STATE OF ALASKA · 49th · L. Pat Carroll · CE-9356 · REGISTERED PROFESSIONAL ENGINEER

4/4/13

DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER

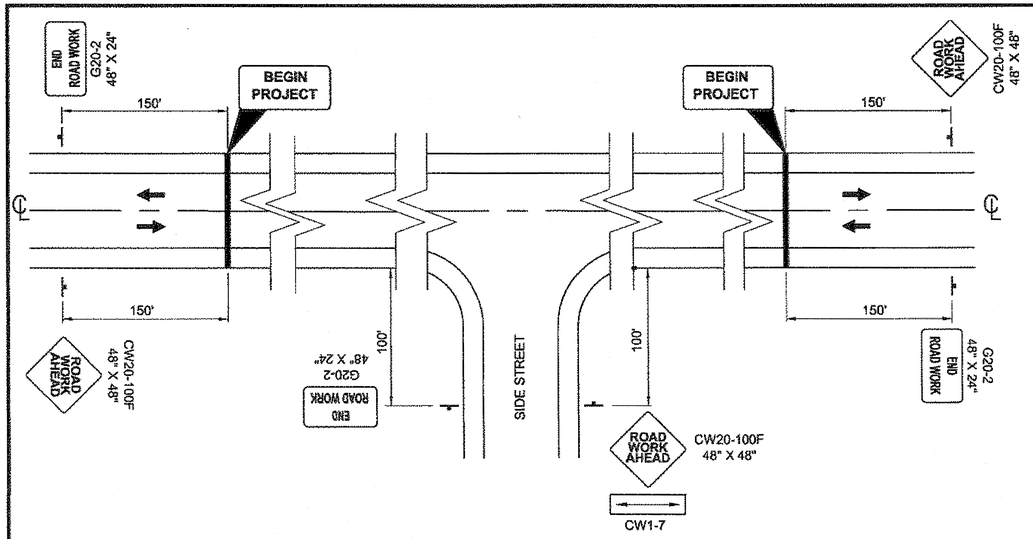
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

GUS-AREAWIDE PAVING
PROJECT #67416

EROSION & SEDIMENT CONTROL

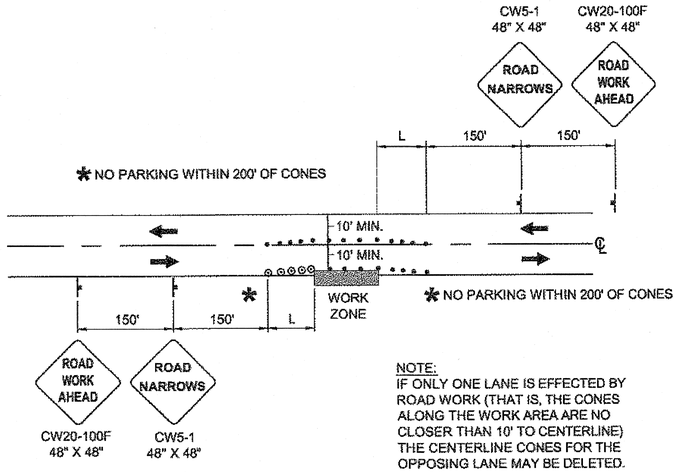
PATH: Q:\GUS\67416\EN\DOUG'S FILES\P_EROSION.DWG
TAB: P1 Wednesday, February 06, 2013 9:39:45 AM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-0003(164)~67416	2012	P1	28



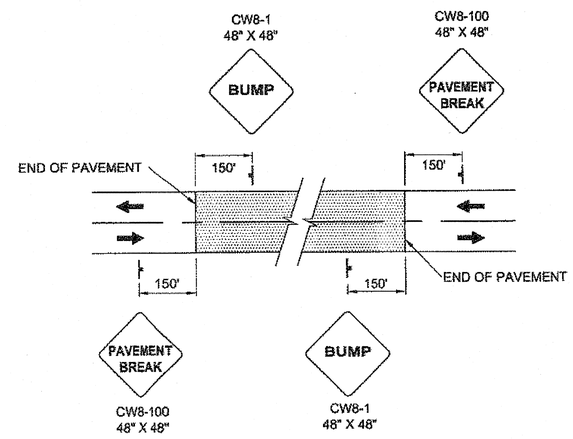
PERMANENT CONSTRUCTION SIGNING

N.T.S.



NOTE:
IF ONLY ONE LANE IS EFFECTED BY ROAD WORK (THAT IS, THE CONES ALONG THE WORK AREA ARE NO CLOSER THAN 10' TO CENTERLINE) THE CENTERLINE CONES FOR THE OPPOSING LANE MAY BE DELETED.

ROADWAY ENCROACHMENT



SIGNING FOR UNPAVED AREA

N.T.S.

TCP SETUP TABLE

SPEED (MPH)	MIN MERGING TAPER LENGTH (L) IN FEET WIDTH OF OFFSET (W) IN FEET			MIN NUMBER OF DEVICES WIDTH OF OFFSET (W) IN FEET			MAX DEVICE SPACING IN FEET		BUFFER SPACE
	10'	11'	12'	10'	11'	12'	ALONG TAPER	ALONG TANGENT	(FT)
25 OR BELOW	105	115	125	6	6	6	25	50	155
30	150	165	180	6	7	7	30	60	200
35	205	225	245	7	8	8	35	70	250
40	270	295	320	8	9	9	40	80	305
45	450	495	540	11	12	13	45	90	360
50	500	550	600	11	12	13	50	100	425
55	550	605	660	11	12	13	55	110	495
60	600	660	720	11	12	13	60	120	570

FORMULAS FOR L (TAPER LENGTH)

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

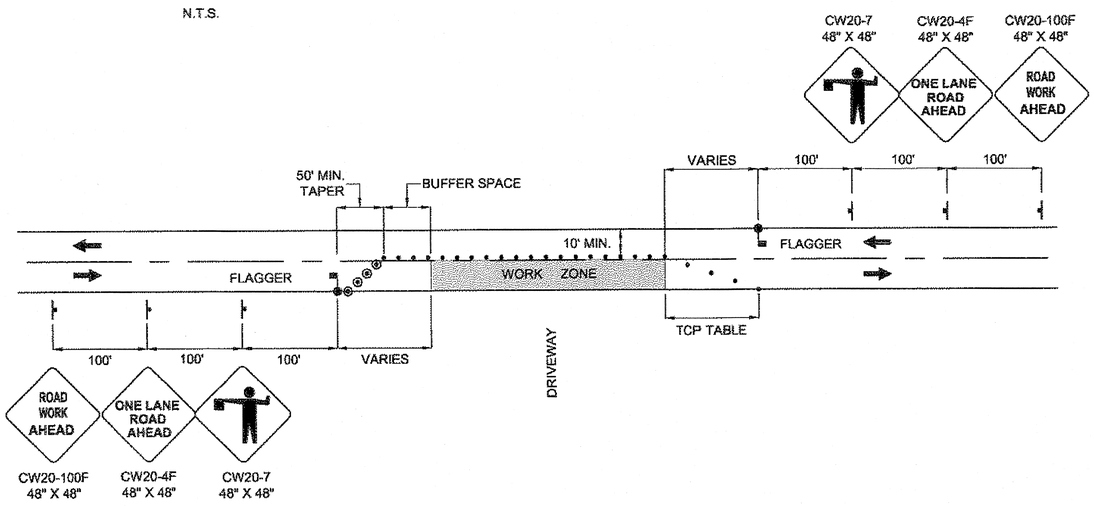
45 MPH OF GREATER $L = W \times S$

WHERE W=WIDTH OF OFFSET
S= POSTED SPEED LIMIT

TRAFFIC CONTROL NOTES:

1. 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 DEVELOPED BY THE CONTRACTOR SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO USE.
2. A MINIMUM OF ONE LANE SHALL BE MAINTAINED AT ALL TIMES IN WORK AREAS.
3. TWO LANES SHALL BE MAINTAINED AT ALL TIMES WITHIN THE PROJECT LIMITS IN NON-WORK AREAS AND DURING NON-WORKING HOURS.
4. DRIVING LANES SHALL BE A MINIMUM WIDTH OF 10'.
5. TRAFFIC DELAYS SHALL NOT EXCEED 10 MINUTES.
6. THE UNEVEN LANES (W8-11) SIGN SHOULD BE USED DURING OPERATIONS THAT CREATE A GREATER THAN 1" DIFFERENCE IN ELEVATION ON A VERTICAL OR NEAR-VERTICAL EDGE BETWEEN ADJACENT LANES THAT ARE OPEN TO TRAVEL.
7. FLAGGER STATIONS NEED TO BE ILLUMINATED AT NIGHT.
8. THE CONTRACTOR SHALL KEEP THE PUBLIC INFORMED OF HIS/HER CONSTRUCTION ACTIVITIES THROUGH THE USE OF THE LOCAL NEWS MEDIA. NEWS RELEASES SHALL BE APPROVED BY THE PROJECT 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.
9. FOR LOCATION OF PEDESTRIAN TRAFFIC CONTROL SIGNS SEE ALASKA STANDARD DRAWING C-03.10

N.T.S.



TWO LANE ROADWAY-SINGLE LANE CLOSURE

N.T.S.

LEGEND

- SIGN
- CONE
- DRUM
- TYPE III BARRICADE
- FLAGGING STATION

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 9/3/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: D. EPSTEIN

TCP NOT SEALED IN ACCORDANCE WITH ALASKA HIGHWAY PRECONSTRUCTION MANUAL SECTION 1400.3.5 DATED JANUARY 30, 2012

DESIGNED BY: D. MULLINER
DRAWN BY: D. MULLINER

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GUS-AREAWIDE PAVING
PROJECT #67416

TRAFFIC CONTROL PLAN

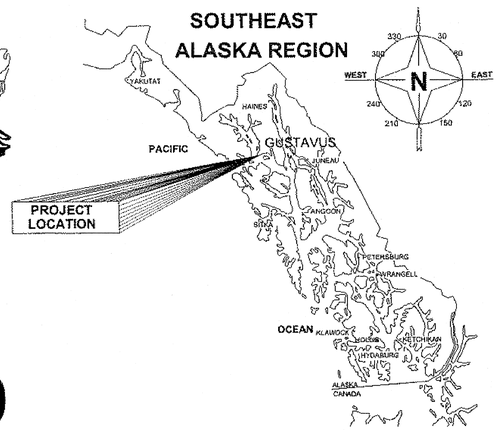
PATH: Q:\GUS\67416\ENI\DOUG'S FILE\T_TRAFFIC.DWG
TAB: T1 Thursday, February 07, 2013 2:09:56 PM MULLINER, DOUGLAS J (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			STP-0003(164)~67416	2012	T1	28

State of Alaska

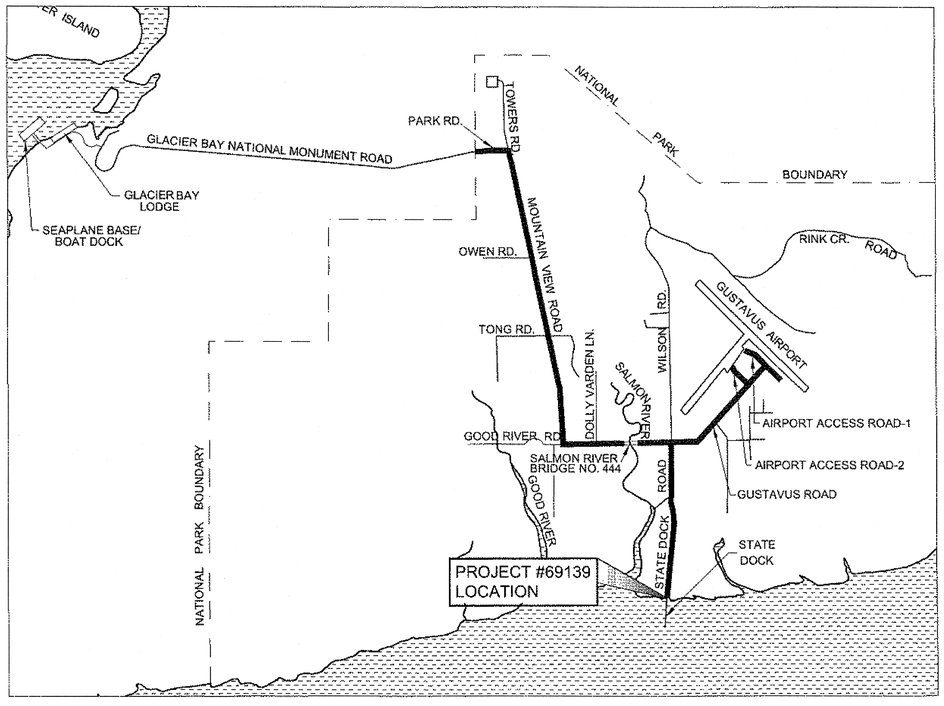
Department of Transportation and Public Facilities Southeast Region





GUSTAVUS, ALASKA
GUSTAVUS FERRY TERMINAL AK139

PROJECT No. 69139/ HPRM-000S(703)



VICINITY MAP

PROJECT #69139 DESIGN DESIGNATION

A.D.T. 2010	=	740
A.D.T. 2034	=	820
D.H.V. (12%) 2034	=	90
% T	=	4.6%
V	=	25 M.P.H. TO 10 M.P.H.
E.A.L.	=	100,000

PROJECT #69139 SUMMARY

CDS ROUTE NO.	=	295307
CDS MILEPOINT	=	1.40
LENGTH OF PROJECT	=	1205 FT.
LENGTH OF PAVING	=	605 FT.
WIDTH OF PAVING	=	22 FT. TO 105 FT.

THE FOLLOWING STANDARD DRAWINGS APPLY TO THIS PROJECT:

A-1	C-03.10	C-04.12	E-13.00	I-30.10	S-00.10
S-05.01	S-20.10	S-30.03	T-21.02		

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 2/3/15

INDEX

SHEET NO.	DESCRIPTION
BA1	TITLE SHEET
BA2	SURVEY CONTROL SHEET
BA3	LAYOUT SHEET
BB1-BB2	TYPICAL SECTIONS
BC1	ESTIMATE OF QUANTITIES
BD1	MISC SUMMARIES
BE1-BE2	MISC DETAILS
BF1-BF2	PLAN & PROFILE
BH1-BH2	SIGNING & STRIPING
BP1-BP3	EROSION & SEDIMENT CONTROL DETAILS
BT1	TRAFFIC CONTROL

PATH: C:\GUS\69139\EN\C3D 69139\SOURCE DWGS\PLANSET\69139_BA1&BA3_TITLESHT.DWG TAB:BA1
Wednesday, December 12, 2012 9:07:16 AM
PLOT: PSPACE OR MSPACE: 1=1(F)

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

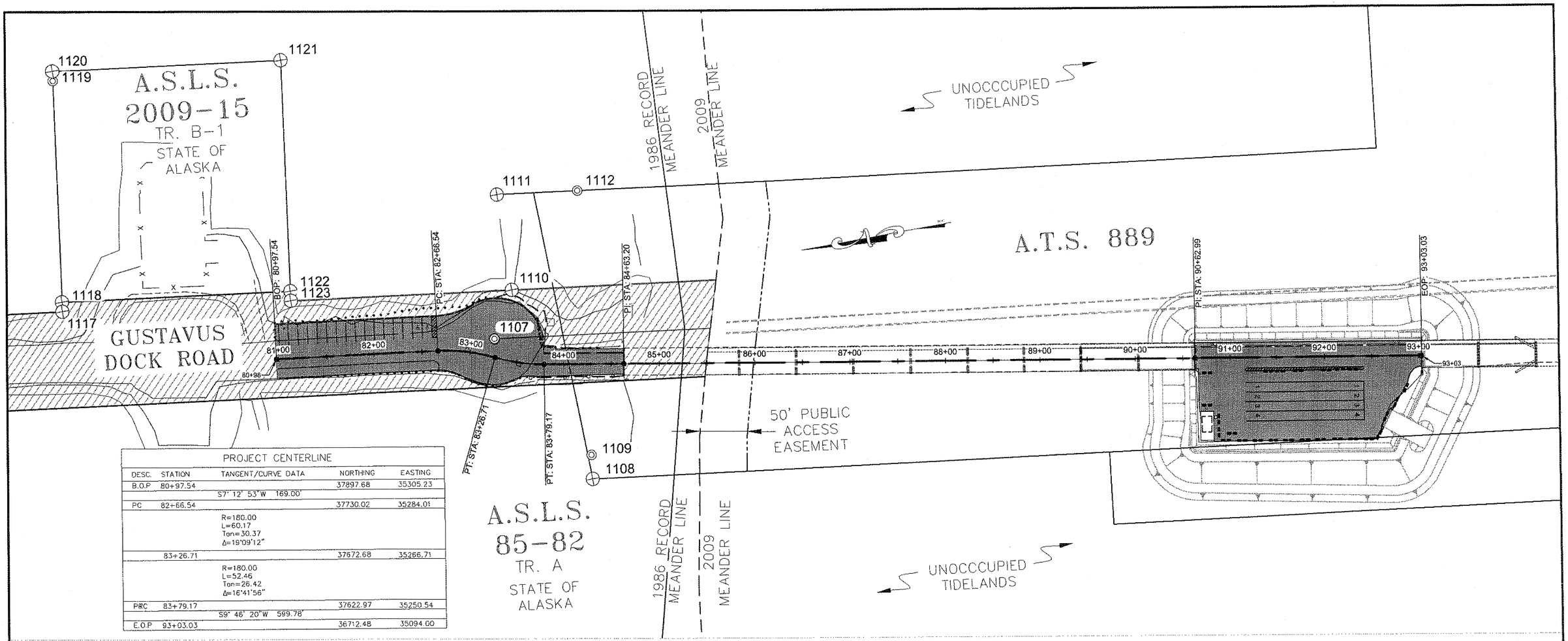
STATE OF ALASKA 49TH
Charles M. Tripp
Charles M. Tripp
CE-9613
REGISTERED PROFESSIONAL ENGINEER
4/3/2013

APPROVED: Chuck Correa 5/1/13
REGIONAL PRE-CONSTRUCTION ENGINEER DATE
CHUCK CORREA, P.E.

APPROVED: 5-2-2013
DIRECTOR, SOUTHEAST REGION DATE
ALBERT H. CLOUGH, CPG

CERTIFIED TRUE & CORRECT AS-BUILT OF ACTUAL FIELD CONDITION:
John A. Kojden 2/9/2015
CONSTRUCTION PROJECT MANAGER DATE

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	69139/ HPRM-000S(703)	2012	BA1	17



PROJECT CENTERLINE				
DESC.	STATION	TANGENT/CURVE DATA	NORTHING	EASTING
B.O.P	80+97.54		37897.68	35305.23
		S7° 12' 53"W 169.00'		
PC	82+66.54		37730.02	35284.01
		R=180.00 L=60.17 Tan=30.37 Δ=19°09'12"		
	83+26.71		37672.68	35266.71
		R=180.00 L=52.46 Tan=26.42 Δ=16°41'56"		
PRC	83+79.17		37622.97	35250.54
		S9° 46' 20"W 599.78'		
E.O.P	93+03.03		36712.48	35094.00

Point Table						
POINT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
1107	83+21.35	18.68L	37669.7314	35285.9909	24.39	ALSEC2.25"_UNREADABLE_RTK
1108	84+28.67	119.21R	37594.1993	35124.7021	22.38	ALPRIM3.25"_ASLS85-82_TR-A_WC-6/WC-5_ATS889_5453S_GPS
1109	84+27.81	94.27R	37590.8543	35149.4403	22.83	ALSEC2"_ATS889_RM-2_WC-5_5453S_RTK
1110	83+24.91	72.65L	37642.6945	35332.9143	22.24	ALPRIM3.25"_ASLS2009-15_WC_ROW/TR-B-2/WC-5_5032S_RTK
1111	83+03.45	166.43L	37640.0416	35433.0615	17.56	ALPRIM3.25"_ASLS2009-15_WC_C-2_ATS889_5032S_RTK
1112	84+16.70	180.52L	37555.6591	35422.1846	20.45	ALSEC2"_ASLS2009-15_WC_C-1_ATS889_5032S_RTK
1117			38109.9986	35393.3993	18.67	ALPRIM3.25"_ASLS2009-15_TR-B-2_C-1/ROW_5032S_RTK
1118			38108.5998	35403.2008	18.33	ALPRIM3.25"_ASLS2009-15_TR-B-2/ROW/C-1_TR-B-1_5032S_RTK
1119			38076.2453	35630.8844	16.29	ALSEC2"_ASLS2009-15_RM10FT_C-2_TR-B-1_5032S_RTK
1120			38074.8333	35640.8672	16.15	ALPRIM3.25"_ASLS2009-15_TR-B-2_C-8/C-2_TR-B-1_5032S_RTK
1121	81+19.51	310.10L	37836.9451	35610.1172	20.77	ALPRIM3.25"_ASLS2009-15_TR-B-1_C-3/C-7_TR-B-2_5032S_RTK
1122			37870.5988	35372.4838	18.30	ALPRIM3.25"_ASLS2009-15_ROW/TR-B-1_C-4/TR-B-2_5032S_RTK
1123	81+15.84	60.11L	37871.9854	35362.5659	18.56	ALPRIM3.25"_ASLS2009-15_ROW/C-6_TR-B-2_5032S_RTK

LEGEND:

Primary Monument = ⊕

Secondary Monument = ◎

DRAWING SCALE: 1" = 50'

Gustavus Ferry Terminal Project
Project #69139

HORIZONTAL CONTROL

Horizontal Control for this project is the record bearing of N 45 °01'41" W from (#218) GLO Brass Cap marking the ¼ corner common to sections 8 & 9, T40S R59E CRM, to (#221) GLO Brass Cap marking the ¼ corner common to sections 5 & 8, T40S R59E CRM. Referenced bearing is from 1997 DOT/PF project #71868 "Gustavus Airport Apron Improvements." #218 is located 4.21' right of centerline and 73.65' upwind of the RW29 threshold. #221 is located directly on centerline of RW 29/11 at it's intersection with centerline of RW 1/19.

For this project, OPUS sessions coupled with static and RTK GPS measurements were obtained to develop the relationship between prior projects and NAD83.

OPUS at PK/Washer #32 (NAD83 CORS96 epoch 2003.0000)
Latitude N 58°25'39.46212"
Longitude W 135°42'23.87842"
Ellip Ht = 41.26'
Pseudo Ellip Ht = 49.61'
Orthometric Ht (Geoid'99) = 33.50'

Geodetic parameters relating our local ground based coordinate system to AKSPC zone 1 NAD83 are as follows:
Zone = NAD83 AKSPC ZONE 1
Grid Scale = 0.9998905
Convergence = -1 °43'02"
Translation about #221
AKSPC Northing = 2414065.2884 FT US
AKSPC Easting = 2294973.9347 FT US
Local Northing = 50251.0671 FT US
Local Easting = 39546.9452 FT US

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 2/5/15

VERTICAL CONTROL

Basis of vertical is the record elevation of 34.26' above MLLW for (#221) GLO Brass Cap marking the ¼ corner common to sections 5 & 8, T40S R59E CRM. Referenced elevation is from 1997 DOT/PF project #71868 "Gustavus Airport Apron Improvements." Origin of this elevation from July 1994 tidal observations at the end of Gustavus Dock. July 2007 tidal observations from the same place indicate approximately 0.6 feet of isostatic rebound over 13 years. No adjustment for rebound has been made for this project.

NOTES:

1. If any pair of measured control points disagree from published (inversed) value by more than 1:10,000 horizontally or vertically, then a third network points must be tied in order to ascertain which point is erroneous or has been disturbed.

2. Whether listed or not, all monuments or property markers/corners or accessories that will be disturbed, damaged, obliterated or buried shall be referenced prior to any of the above noted occurring, then re-established in their original position and a Record-of-Monument form (in accordance with A.S.34.65.040) shall be submitted to the Construction Engineer for review and forwarding to the Land Survey Manager prior to recording said form.

3. Coordinate values listed hereon are for informational purposes only, and should only be used as a last resort for re-establishing or resetting a monument.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: R.Davis

STATE OF ALASKA · 4901 · Randall V. Davis · LS#10611 · REGISTERED PROFESSIONAL LAND SURVEYOR

DESIGNED BY: J.Papoi
DRAWN BY: J.Papoi

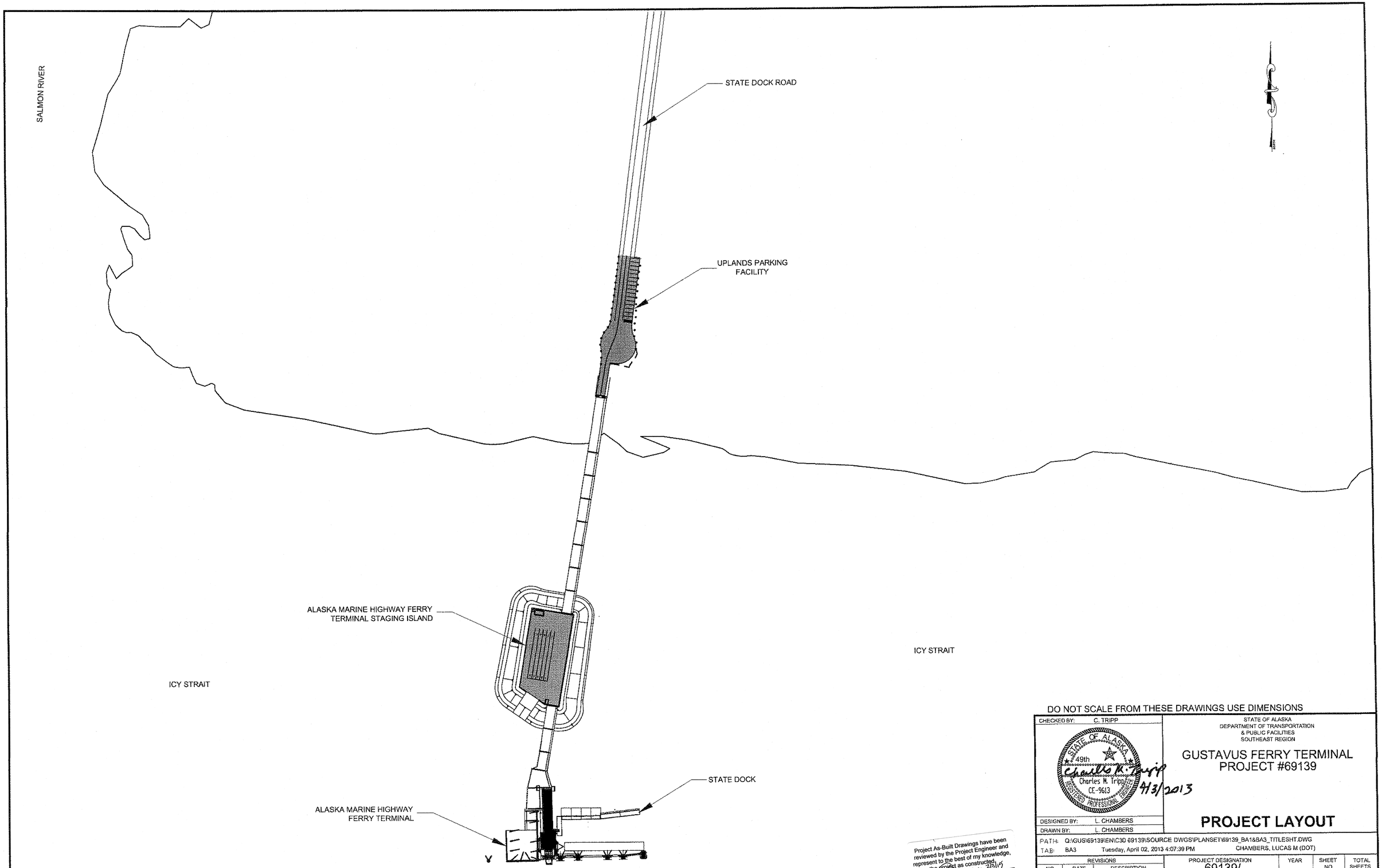
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

SOUTHEAST REGION

Gustavis Ferry Terminal
Project #69139
HPRM-000S(703)
Survey Control

PATH: Q:\GUS\69139\ENIC3D 69139\SOURCE DWGS\PLANSET\69139_BA2_SURVEYCONTROL.DWG
TAB: A2 Tuesday, April 02, 2013 4:07:23 PM CHAMBERS, LUCAS M (DOT)

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION	AS NOTED	2012	BA2	17



DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 7/2/15

CHECKED BY:	C. TRIPP
DESIGNED BY:	L. CHAMBERS
DRAWN BY:	L. CHAMBERS

STATE OF ALASKA
49th
Charles M. Tripp
CE-9613
REGISTERED PROFESSIONAL ENGINEER
4/3/2013

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

GUSTAVUS FERRY TERMINAL
PROJECT #69139

PROJECT LAYOUT

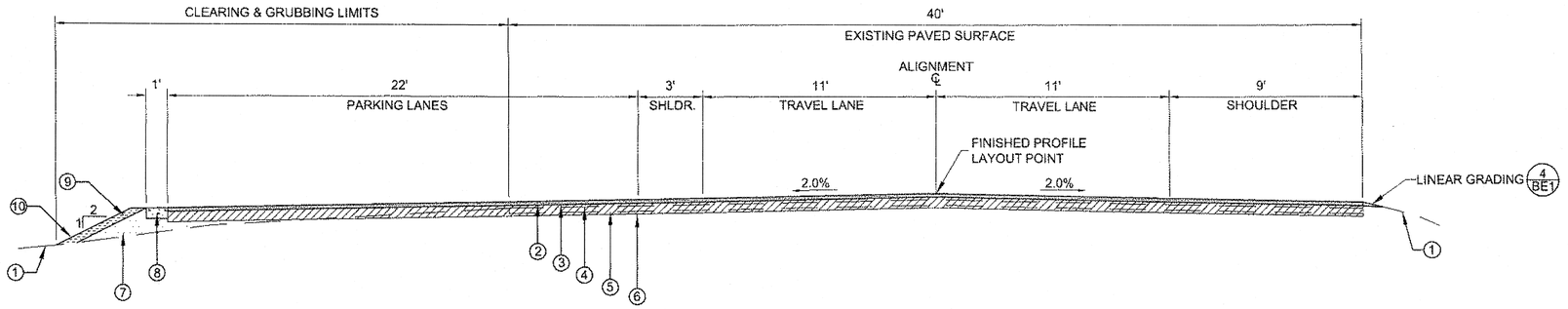
PATH: Q:\GUS\69139\EN\C3D 69139\SOURCE DWGS\PLANSET\69139_BA1&BA3_TITLESHT.DWG
TAB: BA3 Tuesday, April 02, 2013 4:07:39 PM CHAMBERS, LUCAS M (DOT)

REVISIONS		
NO.	DATE	DESCRIPTION

PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
69139/ HPRM-000S(703)	2012	BA3	17

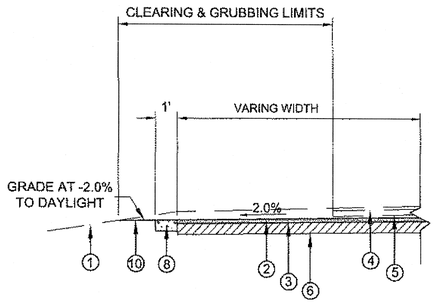
MATERIAL LEGEND

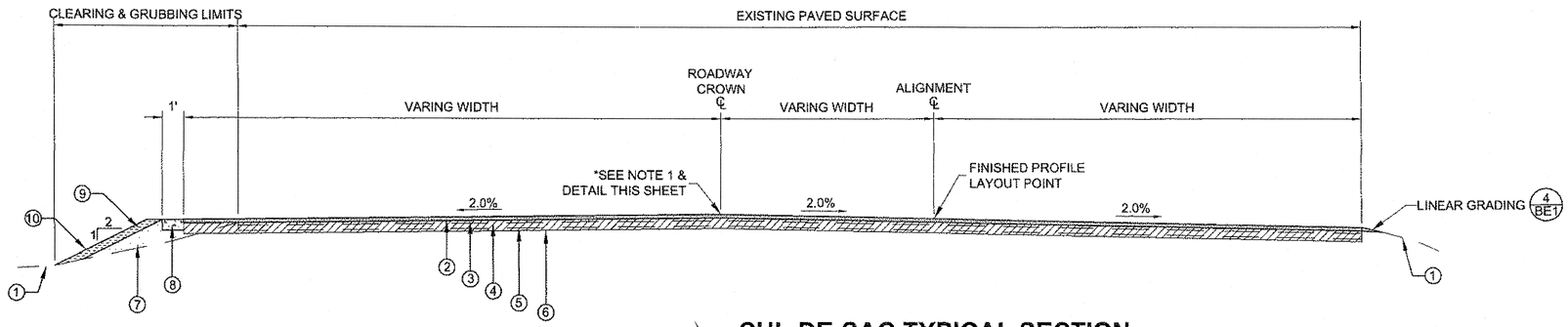
1. EXISTING GROUND
2. 2" ASPHALT CONCRETE, TYPE II, CLASS B
3. STE-1 ASPHALT FOR TACK COAT
4. EXISTING 1 1\2" ASPHALT PAVEMENT
5. EXISTING 3" ATB
6. 6" CRUSHED ASPHALT BASE COURSE (CABC)
7. SUBBASE, GRADING A
8. 6" AGGREGATE BASE COURSE, GRADING D-1
9. 4" TOPSOIL
10. SEEDING
11. 2" SIDEWALK ASPHALT CONCRETE, TYPE II, CLASS B
12. LIMITS OF EXCAVATION



PARKING LOT TYPICAL SECTION

STA. 80+97 TO ~~82+66~~ 82+88



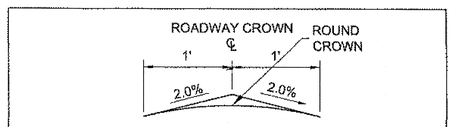


CUL-DE-SAC TYPICAL SECTION

STA. ~~82+66~~ TO 83+79

82+88

APPROX. STA. 83+15 TO 83+79

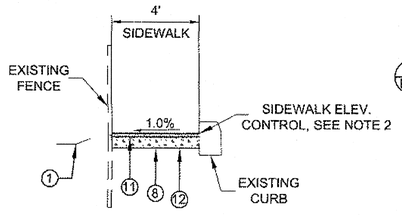


NORMAL CROWN MODIFICATION DETAIL

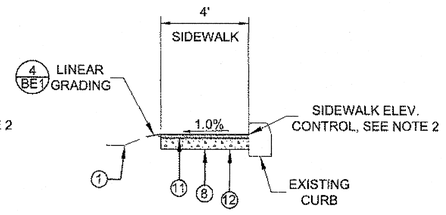
STA. 82+66 TO 83+79

NOTES:

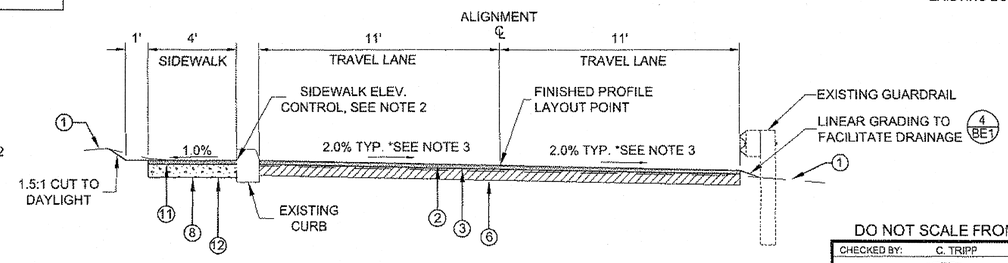
1. MAINTAIN CENTERLINE NORMAL CROWN ON BEARING S7°12'53"W FROM STA. 80+97.54 TO STA. 83+79.17.
2. MAINTAIN SIDEWALK 5" BELOW TOP OF EXISTING CURB EXCEPT AT UTILITIES AND TRANSITIONS, SEE DETAIL 2 SHEET BE2.
3. ROADWAY TO BRIDGE CROSS-SLOPE TRANSITION STARTS AT STA. 84+23 AND GOES FROM 2.0% DEPICTED ON TYPICAL SECTION TO 0.0% PRIOR TO CONNECTING TO BRIDGE, SEE DETAIL 1 SHEET BE1.
4. BEFORE PAVING REMOVE EXISTING JERSEY BARRIERS AND STORE IN APPROVED LOCATION. REPLACE JERSEY BARRIERS IN EXISTING LOCATIONS AFTER PAVING.



APPROX. STA. 84+37 TO 84+63



APPROX. STA. 84+10 TO 84+37



PIER APPROACH TYPICAL SECTION

STA. 83+79 TO 84+63

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. TRIPP

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

STATE OF ALASKA 49th Charles M. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER

Charles M. Tripp 11/3/2013

GUSTAVUS FERRY TERMINAL
PROJECT #69139

DESIGNED BY: L. CHAMBERS

DRAWN BY: L. CHAMBERS

TYPICAL SECTIONS

PATH: Q:\GUS\69139\ENIC3D 69139\SOURCE DWGS\PLANSET\69139_BB1-BB2_TYPICALSECTIONS.DWG

TAB: BB1 Tuesday, April 02, 2013 4:07:57 PM CHAMBERS, LUCAS M (DOT)

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the Project as constructed.

PE _____ Date 11/15

REVISIONS		
NO.	DATE	DESCRIPTION

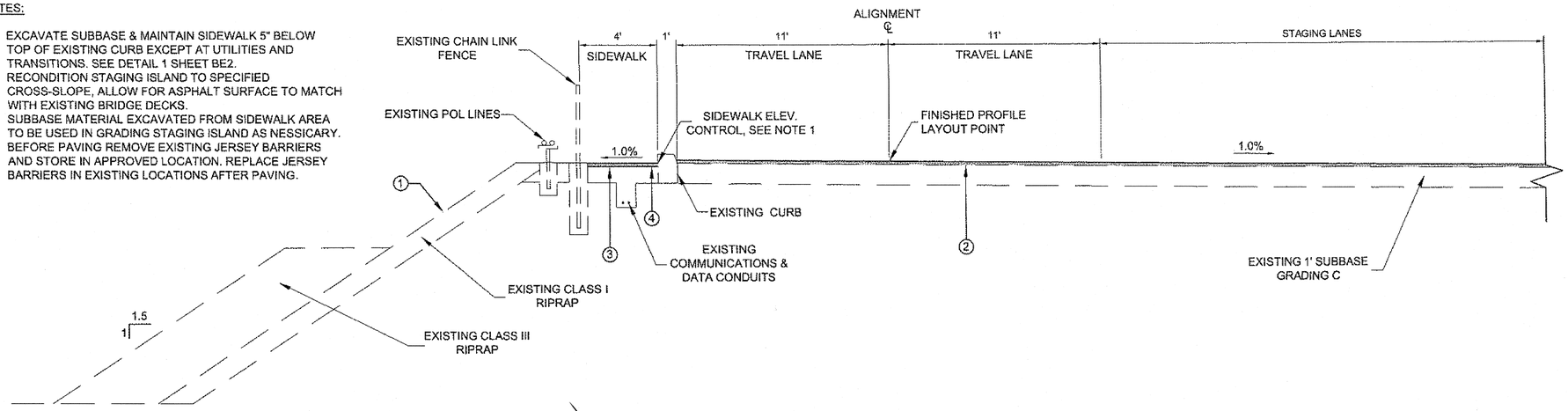
PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
69139/ HPRM-000S(703)	2012	BB1	17

MATERIAL LEGEND

(1) EXISTING GROUND
(2) 2" ASPHALT CONCRETE, TYPE II, CLASS B
(3) 2" SIDEWALK ASPHALT CONCRETE, TYPE II, CLASS B
(4) LIMITS OF EXCAVATION

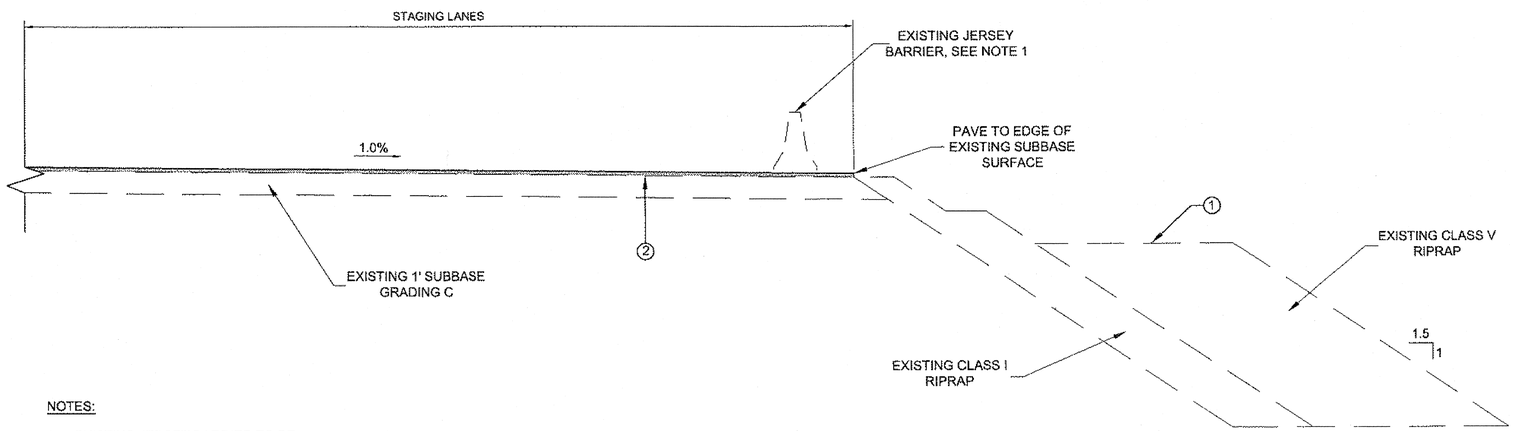
NOTES:

1. EXCAVATE SUBBASE & MAINTAIN SIDEWALK 5" BELOW TOP OF EXISTING CURB EXCEPT AT UTILITIES AND TRANSITIONS. SEE DETAIL 1 SHEET BE2.
2. RECONDITION STAGING ISLAND TO SPECIFIED CROSS-SLOPE, ALLOW FOR ASPHALT SURFACE TO MATCH WITH EXISTING BRIDGE DECKS.
3. SUBBASE MATERIAL EXCAVATED FROM SIDEWALK AREA TO BE USED IN GRADING STAGING ISLAND AS NESSICARY.
4. BEFORE PAVING REMOVE EXISTING JERSEY BARRIERS AND STORE IN APPROVED LOCATION. REPLACE JERSEY BARRIERS IN EXISTING LOCATIONS AFTER PAVING.



STAGING ISLAND TYPICAL SECTION

STA. 90+69 TO 92+97



NOTES:

1. EXISTING JERSEY BARRIER TO BE REMOVED DURING PAVING AND REPLACED IN EXISTING LOCATION AFTER PAVING IS COMPLETED.

STAGING ISLAND TYPICAL SECTION

STA. 90+69 TO 92+97

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 7/3/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY:	C. TRIPP
DESIGNED BY:	L. CHAMBERS
DRAWN BY:	L. CHAMBERS

STATE OF ALASKA · DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES · SOUTHEAST REGION

Charles M. Tripp, CE-9613, 49th, Registered Professional Engineer, 5/24/13

GUSTAVUS FERRY TERMINAL
PROJECT #69139

TYPICAL SECTIONS

PATH: Q:\GUS\69139\ENG\C3D 69139\SOURCE DWGS\PLANSET\69139_BB1-BB2_TYPICALSECTIONS.DWG
TAB: BB2 Thursday, May 02, 2013 7:39:01 AM CHAMBERS, LUCAS M (DOT)

REVISIONS NO.	DATE	DESCRIPTION

PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
69139/ HPRM-000S(703)	2012	BB2	17

ESTIMATE OF QUANTITIES

ITEM NO.	PAY ITEM	PAY UNIT	PLAN QUANTITY
201 (3B)	CLEARING AND GRUBBING	LUMP SUM	ALL REQ'D
202 (1)	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LUMP SUM	ALL REQ'D
301 (1)	AGGREGATE BASE COURSE, GRADING D-1	TON	~~26~~ 398.39
303 (3)	LINEAR GRADING	STATION	~~4~~ 5.48
303 (4)	RECONDITIONING	SQUARE YARD	~~2,289~~ 2,100.67
304 (1)	SUBBASE, GRADING A	TON	~~88~~ 60.90
308 (1)	CRUSCHED ASPHALT BASE COURSE	SQUARE YARD	~~2,470~~ 1,763.50
308 (2)	CSS-1 ASPHALT FOR BASE COURSE	TON	~~23~~ 20.34
308 (3)	PORTLAND CEMENT	TON	~~8~~ 0
308 (4)	AGGREGATE FOR CABC	TON	~~72~~ 87.52
401(1)	ASPHALT CONCRETE, TYPE II; CLASS B	TON	~~570~~ 723.21
401(2)	ASPHALT CEMENT, GRADE PG 58-28	TON	~~35~~ 44.74
401(6)	ASPHALT PRICE ADJSUTMENT	CONTINGENT SUM	ALL REQ'D
401 (10)	ASPHALT MATERIAL PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQ'D
402 (1)	STE-1 ASPHALT FOR TACK COAT	TON	~~2~~ 0
608 (2)	ASPHALT SIDEWALK	TON	16
615 (1)	STANDARD SIGN	SQUARE FOOT	~~5~~ 13.66
618 (1)	SEEDING	ACRE	~~0.03~~ 0.043
620 (1)	TOPSOIL	SQUARE YARD	~~170~~ 0
628 (1)	FLUSH MOUNT MONITORING WELL COVER	EACH	1
638 (1)	FIBER ROLL	LINEAR FOOT	~~415~~ 225
640 (1)	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQ'D
640 (4)	WORKER MEALS AND LODGING, OR PER DIEM	LUMP SUM	ALL REQ'D
641 (1)	EROSION AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQ'D
641 (3)	TEMPORARY EROSION AND POLLUTION CONTROL	LUMP SUM	ALL REQ'D
641 (4)	TEMPORARY EROSION AND POLLUTION CONTROL ADDITIVES	CONTINGENT SUM	ALL REQ'D
641 (6)	WITHHOLDING	CONTINGENT SUM	ALL REQ'D
642 (1)	CONSTRUCTION SURVEYING	LUMP SUM	ALL REQ'D
643 (2)	TRAFFIC MAINTENANCE	LUMP SUM	ALL REQ'D
643 (3)	PERMANENT CONSTRUCTION SIGNS	LUMP SUM	ALL REQ'D
643 (15)	FLAGGING	CONTINGENT SUM	ALL REQ'D
643 (23)	TRAFFIC PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQ'D
643 (25)	TRAFFIC CONTROL	CONTINGENT SUM	ALL REQ'D
644 (1)	FIELD OFFICE	LUMP SUM	ALL REQ'D
644 (2)	FIELD LABORATORY	LUMP SUM	ALL REQ'D
644 (6)	VEHICLES	LUMP SUM	ALL REQ'D
644 (15)	NUCLEAR TESTING EQUIPMENT STORAGE SHED	LUMP SUM	ALL REQ'D
645 (1)	TRAINING PROGRAM, 1 TRAINEE/APPRENTICE	LABOR HOUR	~~25~~ 39
646 (1)	CMP SCHEDUALING	LUMP SUM	ALL REQ'D
670 (1)	PAINTED TRAFFIC MARKINGS	LUMP SUM	ALL REQ'D

BASIS OF ESTIMATE

ITEM NO.	DESCRIPTION	QUANTITY
201 (3B)	CLEARING AND GRUBBING	4,600 SQ. FT.
202 (1)	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	ALL REQ'D
301 (1)	AGGREGATE BASE COURSE, GRADING D-1	1.95 TON/CY
304 (1)	SUBBASE, GRADING A	1.9 TON/CY
308 (2)	CSS-1 ASPHALT FOR BASE COURSE	12.5 GAL/SY FOR 6" DEPTH
308 (2)	CSS-1 ASPHALT FOR BASE COURSE	243 GAL/TON
308 (3)	PORTLAND CEMENT	6.8 LB/SY FOR 6" DEPTH
401 (1)	ASPHALT CONCRETE, TYPE II, CLASS B	120 LBS/SY/IN
401 (2)	ASPHALT CEMENT, GRADE PG 58-28	6% OF ITEM 401 (1)
402 (1)	STE-1 TACK COAT	0.1 GAL/SY (243 GAL/TON)

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 2/3/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. TRIPP

STATE OF ALASKA · 49th · Charles M. Tripp · CE-9613 · REGISTERED PROFESSIONAL ENGINEER

4/3/2013

DESIGNED BY: L. CHAMBERS

DRAWN BY: L. CHAMBERS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

GUSTAVUS FERRY TERMINAL
PROJECT #69139

ESTIMATE OF QUANTITIES

PATH: Q:\GUS\69139\ENV\C3D 69139\SOURCE DWGS\PLANSET\69139_BC1_ESMT_QUANT.DWG
TAB: BC1 Tuesday, April 02, 2013 4:08:20 PM CHAMBERS, LUCAS M (DOT)

REVISIONS NO.	DATE	DESCRIPTION

PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
69139/ HPRM-000S(703)	2012	BC1	17

615(1) - STANDARD SIGN SUMMARY

SIGN #	LEGEND	STATION	OFFSET	ASDS CODE	WIDTH (IN)	HEIGHT (IN)	AREA (SF)	POST	EMBEDDED DEPTH	SIGN FACING	COMMENTS
STATE DOCK ROAD											
151	ADA RESERVED PARKING	82+46	LT	R7-8	12	18	1.5	2.5" PST	4'-6"	WEST	INSTALL PERPENDICULAR TO HANDICAP PARKING SPACE
152	ADA RESERVED PARKING	82+56	LT	R7-8	12	18	1.5	2.5" PST	4'-6"	WEST	INSTALL PERPENDICULAR TO HANDICAP PARKING SPACE
153	VAN ACCESSIBLE	82+56	LT	R7-8A	12	6	0.5	2.5" PST	4'-6"	WEST	MOUNT BELOW SIGN #152
154	NO PARKING	82+92	RT	EXISTING	-	-	-	-	-	-	LEAVE IN EXISTING LOCATION
155	NO PARKING	83+07	LT	R7-1	12	18	1.5	2 .5" PST	4'-6"	NB	

202 (1) REMOVAL OF STRUCTURES AND OBSTRUCTIONS

ITEM	STATION	UNIT	QUANTITIY
MONUMENT	83+25	EACH	1
JERSEY BARRIER	83+75	EACH	3
JERSEY BARRIER	90+65 - 92+75	EACH	25

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the Project as constructed.
PE ____ Date 4/3/15

CHECKED BY: C. TRIPP

STATE OF ALASKA · 49th · Charles M. Tripp · CE-9613 · REGISTERED PROFESSIONAL ENGINEER
4/3/2013

DESIGNED BY: L. CHAMBERS
DRAWN BY: L. CHAMBERS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

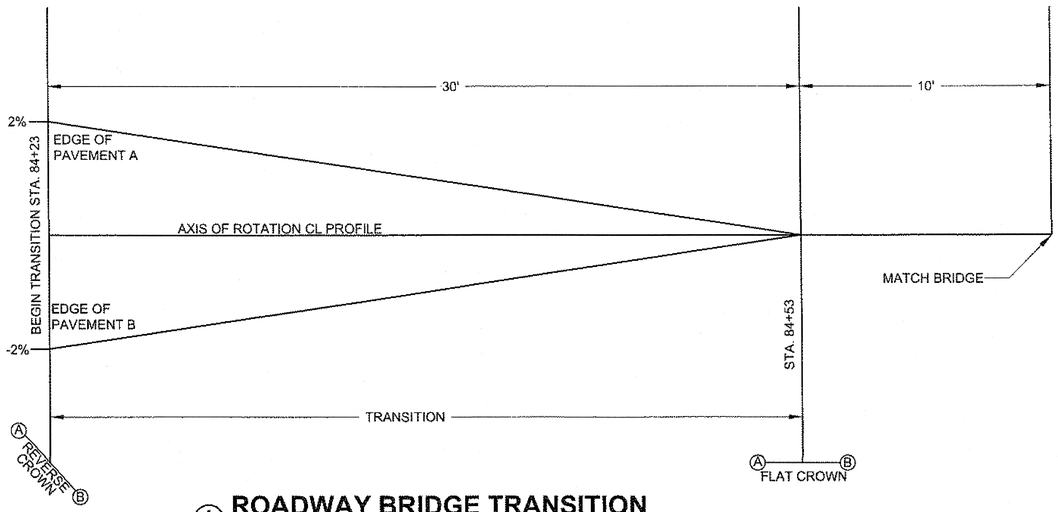
GUSTAVUS FERRY TERMINAL
PROJECT #69139

MISCELLANEOUS SUMMARIES

PATH: Q:\GUS\69139\ENV\C3D 69139\SOURCE DWGS\PLANSET\69139_BD1_MISCSUMMARY.DWG
TAB: BD1 Tuesday, April 02, 2013 4:08:36 PM CHAMBERS, LUCAS M (DOT)

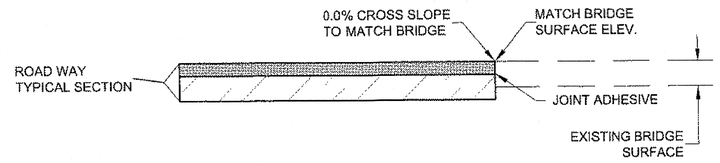
REVISIONS NO.	DATE	DESCRIPTION

PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
69139/ HPRM-000S(703)	2012	BD1	17



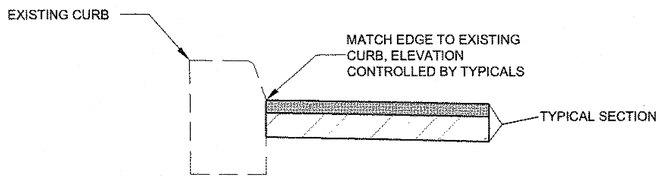
1 ROADWAY BRIDGE TRANSITION

STA. 84+23 TO STA. 84+63



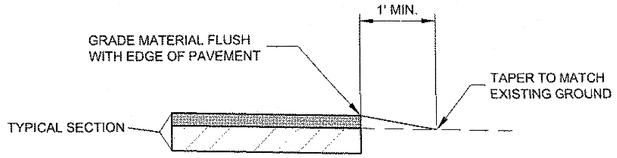
2 ROADWAY BRIDGE TRANSITION DETAIL

STA. 84+63
STA. 90+63
STA. 93+03



3 PAVING AT CURB DETAIL

N.T.S.

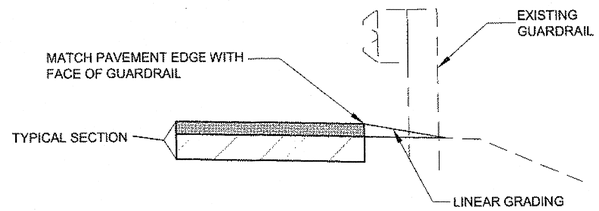


4 LINEAR GRADING

N.T.S.

NOTES:

1. MATERIAL FOR LINEAR GRADING SHALL MEET THE REQUIREMENTS AS SPECIFIED IN SECTION 303 OF THE SPECIAL PROVISIONS.
2. LINEAR GRADING SHALL BE PAID FOR UNDER ITEM 303(3).

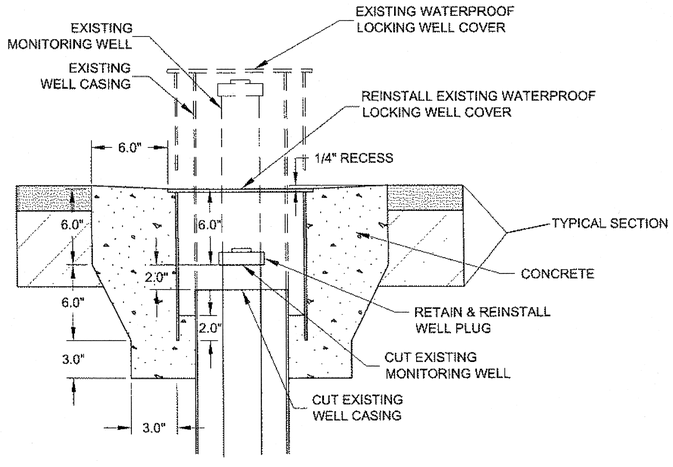


5 PAVING AT GUARDRAIL DETAIL

N.T.S.

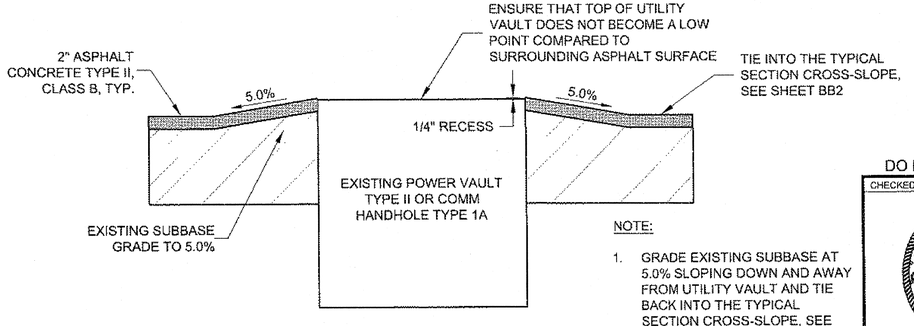
NOTE:

1. DO NOT PAVE UNDER GUARDRAIL.



5 FLUSH MOUNT MONITORING WELL COVER DETAIL

N.T.S.



NOTE:

1. GRADE EXISTING SUBBASE AT 5.0% SLOPING DOWN AND AWAY FROM UTILITY VAULT AND TIE BACK INTO THE TYPICAL SECTION CROSS-SLOPE, SEE SHEET BB2.

7 UTILITY VAULT PAVING DETAIL

N.T.S.

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 9/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY:	C. TRIPP
DESIGNED BY:	L. CHAMBERS
DRAWN BY:	L. CHAMBERS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

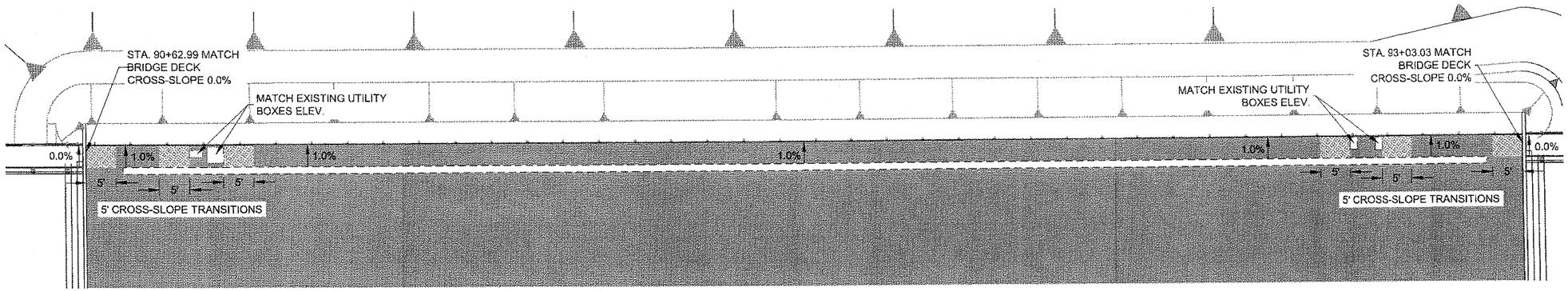
STATE OF ALASKA 49th Charles M. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER 4/3/2013

GUSTAVUS FERRY TERMINAL
PROJECT #69139

MISCELLANEOUS DETAILS

PATH: Q:\GUS\69139\EN\C3D 69139\SOURCE DWGS\PLANSET\69139_BE1-BE2_MISCDETAILS.DWG
TAB: BE1 Tuesday, April 02, 2013 4:08:56 PM CHAMBERS, LUCAS M (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			69139/ HPRM-000S(703)	2012	BE1	17

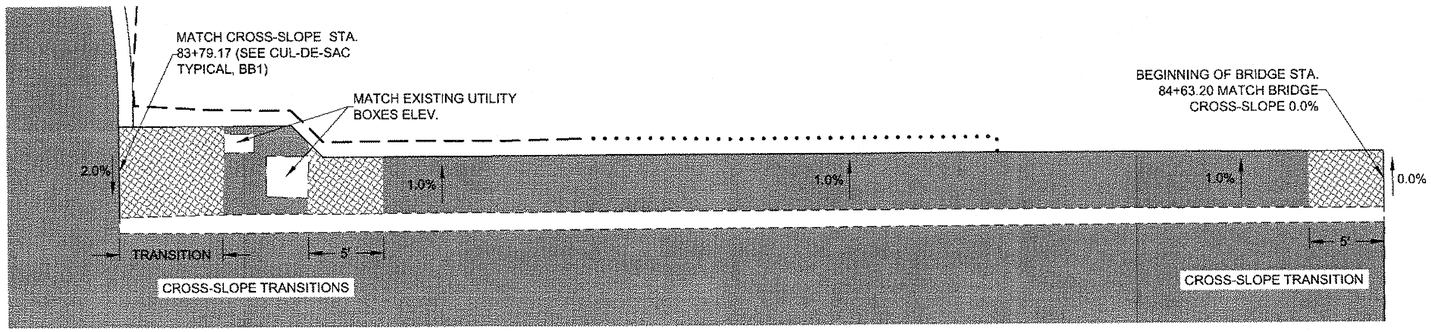


LEGEND

CROSS-SLOPE TRANSITION AREAS

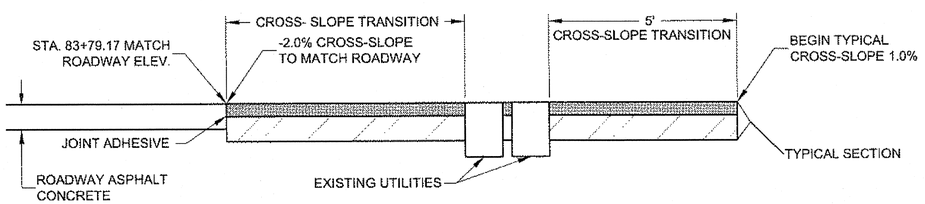
① STAGING ISLAND SIDEWALK LAYOUT DETAIL

STA. 90+63 TO STA. 93+03



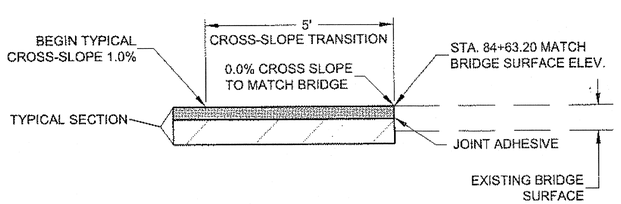
② UPLANDS SIDEWALK LAYOUT DETAIL

STA. 83+79 TO STA. 84+63



③ SIDEWALK ROADWAY TRANSITION DETAIL

STA. 83+79



④ SIDEWALK BRIDGE TRANSITION DETAIL

STA. 84+63
STA. 90+63
STA. 93+03

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.

PE _____ Date 9/3/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

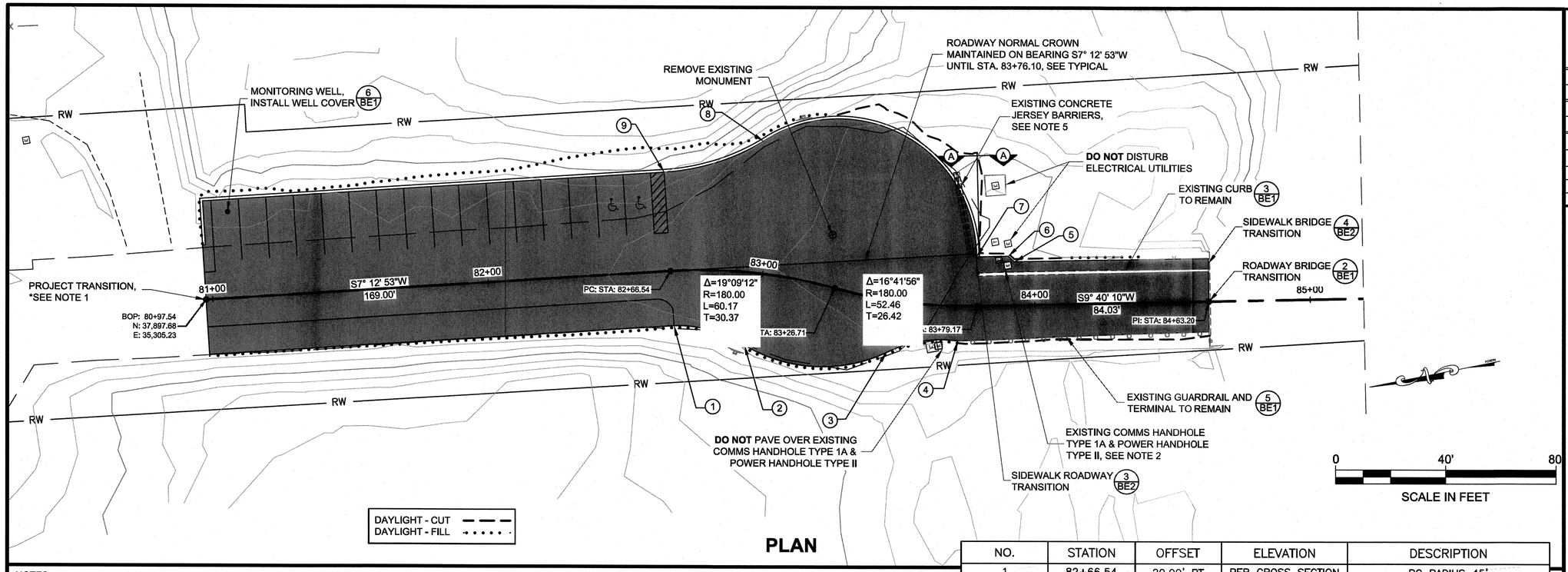
CHECKED BY: C. TRIPP	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION
DESIGNED BY: L. CHAMBERS	GUSTAVUS FERRY TERMINAL PROJECT #69139
DRAWN BY: L. CHAMBERS	**MISCELLANEOUS DETAILS**

STATE OF ALASKA · 49th · REGISTERED PROFESSIONAL ENGINEER · Charles N. Tripp · CE-9613 · 4/3/2013

PATH: Q:\GUS\69139\EN\C3D 69139\SOURCE DWGS\PLANSET\69139_BE1-BE2_MISCDETAILS.DWG

TAB: BE2 Tuesday, April 02, 2013 4:09:08 PM CHAMBERS, LUCAS M (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			69139/ HPRM-000S(703)	2012	BE2	17

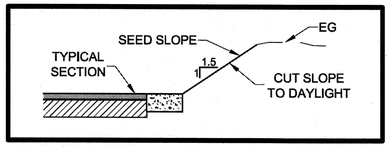


PLAN

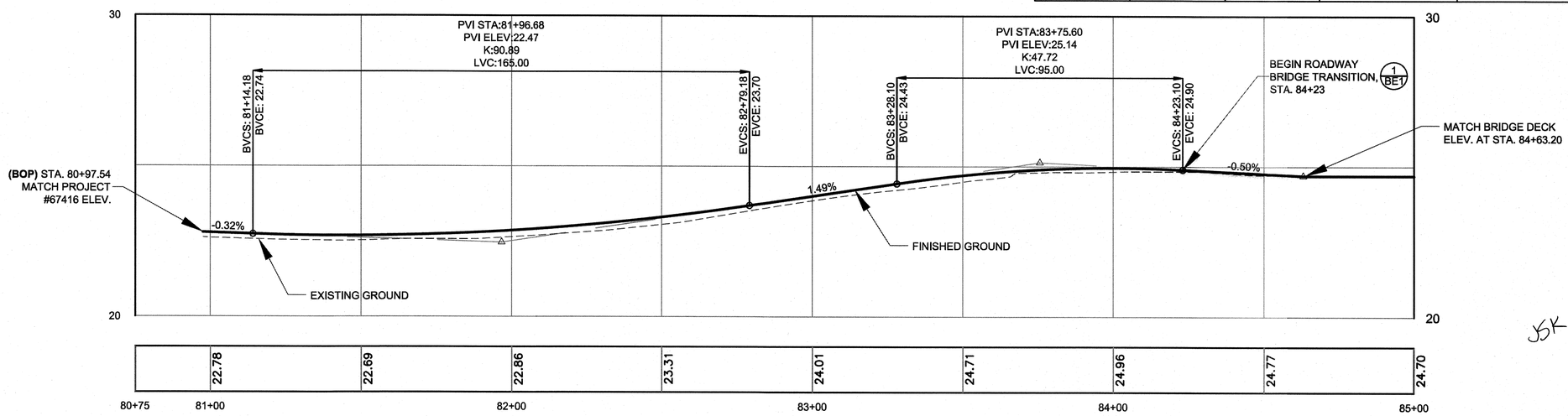
NO.	STATION	OFFSET	ELEVATION	DESCRIPTION
1	82+66.54	20.00' RT	PER CROSS SECTION	PC RADIUS 45'
2	82+95.94	26.52' RT	PER CROSS SECTION	PT RADIUS 45'/ PC RADIUS 55'
3	83+48.67	19.07' RT	PER CROSS SECTION	PT RADIUS 55'/ PC RADIUS 45'
4	83+72.20	12.63' RT	PER CROSS SECTION	PT RADIUS 45'
5	83+92.84	15.90' LT	PER CROSS SECTION	BACK OF SIDEWALK
6	83+90.75	17.99' LT	PER CROSS SECTION	BACK OF SIDEWALK
7	83+79.21	17.99' LT	PER CROSS SECTION	BACK OF SIDEWALK/ PT RADIUS 50'
8	82+95.64	47.90' LT	PER CROSS SECTION	PC RADIUS 50'/ PT RADIUS 80'
9	82+66.54	36' LT	PER CROSS SECTION	PC RADIUS 80'

NOTES:

1. AT BOP MATCH CENTERLINE TO CENTERLINE OF PROJECT #69417 .
2. PAVE SIDEWALK FLUSH WITH EXISTING UTILITIES. DO NO DISTURB UTILITIES WHEN EXCAVATING AND INSTALLING SIDEWALK. SEE LAYOUT DETAIL 2 SHEET BE2.
3. WHEN PERFORMING COMPACTION OPERATIONS DO NOT VIBRATORY COMPACT OVER JUNCTION & POWER VAULTS.
4. WHEN EXCAVATING DO NOT DISTURB UTILITIES.
5. BEFORE PAVING REMOVE EXISTING JERSEY BARRIERS AND STORE IN APPROVED LOCATION. REPLACE JERSEY BARRIERS IN EXISTING LOCATIONS AFTER PAVING.



SECTION A-A



PROFILE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\GUS\69139\PLANSET\69139_BF1-BF2_PLANVIEW.DV

TRIPP, CHARLES M (DOT)
TAB: BF1 Monday, April 21, 2014 10:31:23 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA 49th Charles M. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER 4/21/14

DESIGNED BY: L. CHAMBERS

DRAWN BY: L. CHAMBERS

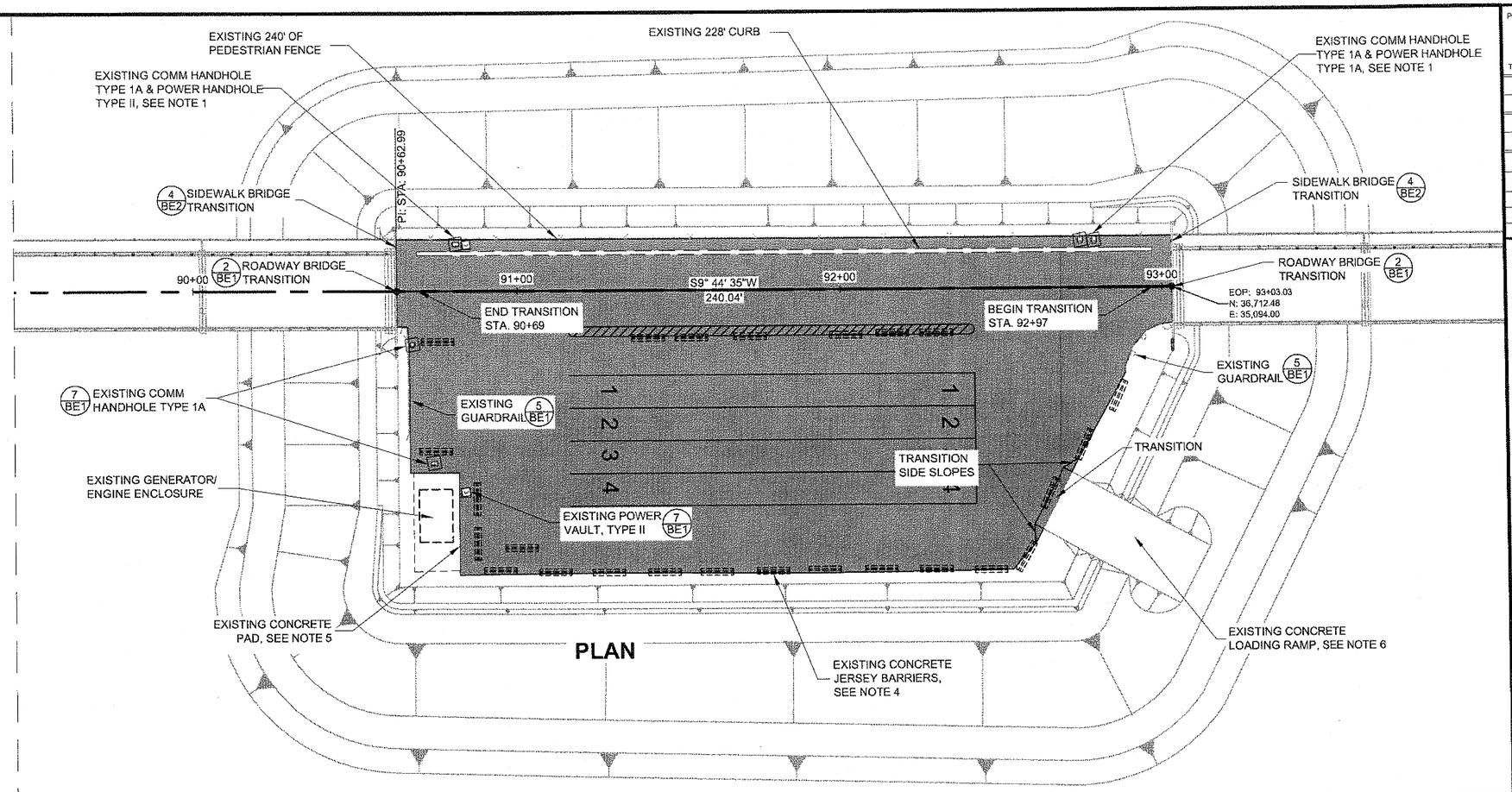
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GUSTAVUS FERRY TERMINAL
PROJECT #69139

PLAN & PROFILE

PROJECT DESIGNATION
69139/ HPRM-000S(703)

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
BF1	17



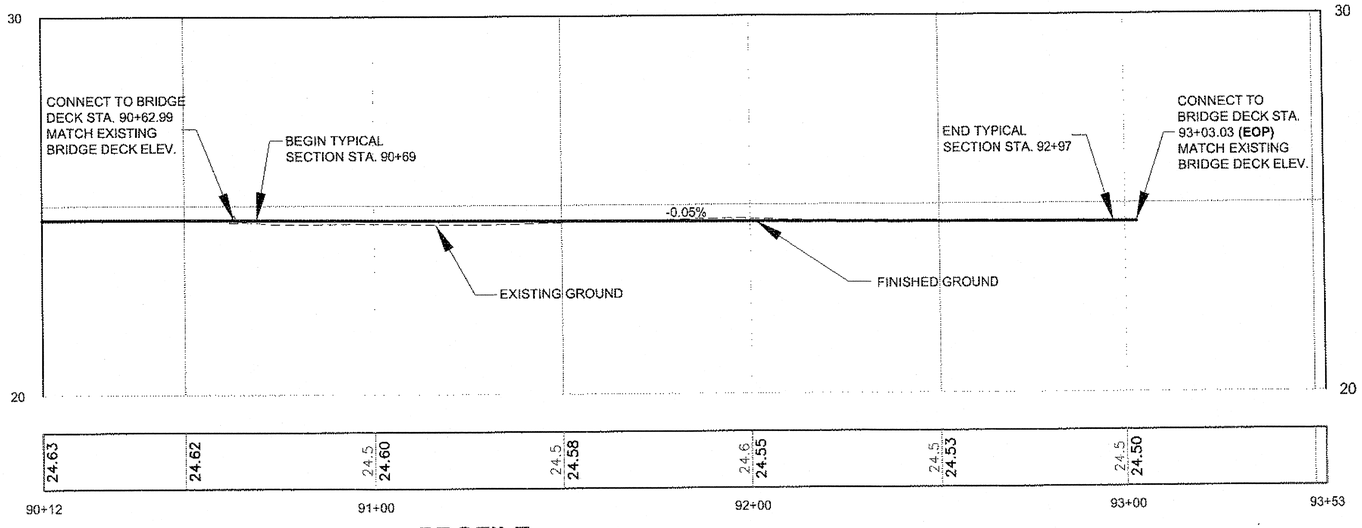
PLAN

0 40' 80'

SCALE IN FEET

NOTES:

1. PAVE SIDEWALK FLUSH WITH EXISTING UTILITIES. DO NO DISTURB UTILITIES WHEN EXCAVATING AND INSTALLING SIDEWALK. SEE LAYOUT DETAIL 1 SHEET BE2.
2. WHEN PERFORMING COMPACTION OPERATIONS DO NOT VIBRATORY COMPACT OVER JUNCTION & POWER VAULTS.
3. WHEN EXCAVATING DO NOT DISTURB UTILITIES.
4. BEFORE PAVING REMOVE EXISTING JERSEY BARRIERS AND STORE IN APPROVED LOCATION. REPLACE JERSEY BARRIERS IN EXISTING LOCATIONS AFTER PAVING.
5. ASPHALT TO MATCH UP AGAINST EXISTING CONCRETE PAD AT ELEVATIONS DETERMINED BY CROSS-SLOPE, SEE TYPICAL SECTION SHEET BB2. LOCALLY ADJUST CROSS SLOPE SO THAT ASPHALT DOES NOT EXTEND ABOVE CONCRETE PAD, AS NECESSARY.
6. TRANSITION FROM TYPICAL CROSS-SLOPE AND TIE INTO EXISTING LOADING RAMP. TRANSITION SLOPE TO MATCH EXISTING CONCRETE LOADING RAMP SLOPE. SIDE SLOPES SHALL MATCH TRANSITION SLOPE.



PROFILE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\GUS\69139\EN\C3D 69139\SOURCE DWGS\PLANSET\69139_BF1-BF2_PLANVIEW.DWG

CHAMBERS, LUCAS M (DOT)
TAB: BF2 Tuesday, April 02, 2013 4:10:05 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 2/3/15

PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA 49th
Charles M. Tripp
CE-9613
REGISTERED PROFESSIONAL ENGINEER
4/3/2013

DESIGNED BY: L. CHAMBERS

DRAWN BY: L. CHAMBERS

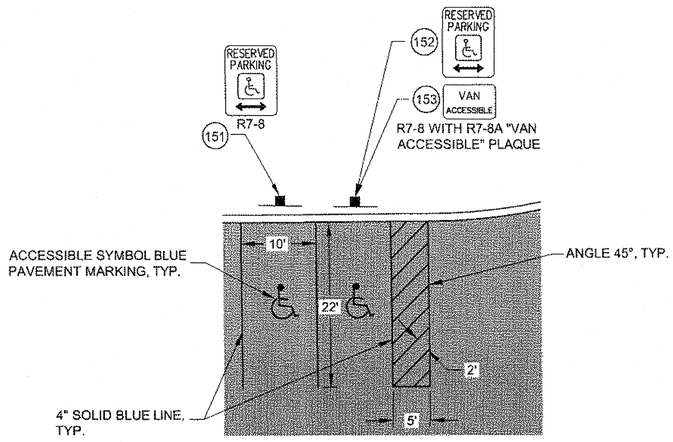
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GUSTAVUS FERRY TERMINAL
PROJECT #69139

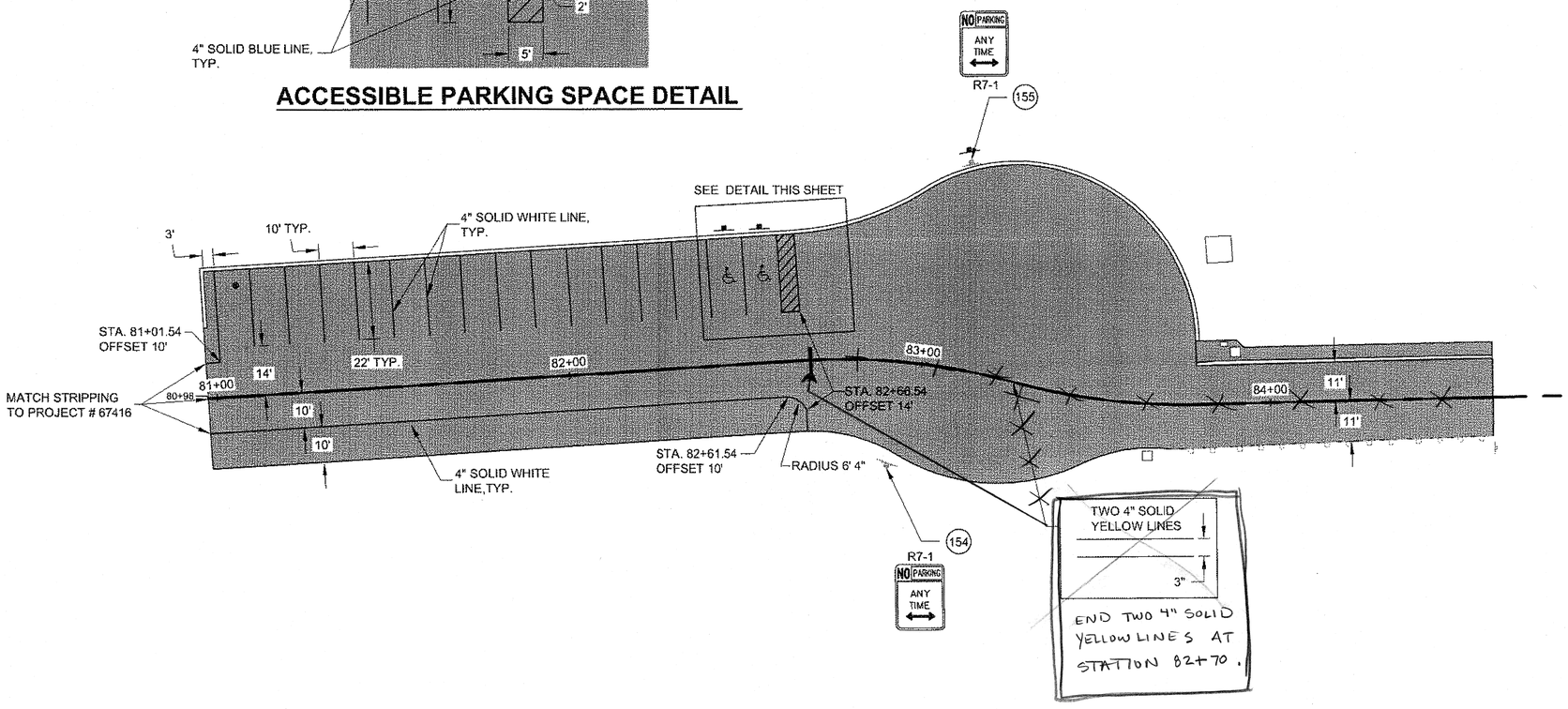
PLAN & PROFILE

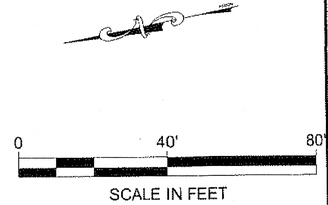
PROJECT DESIGNATION
69139/ HPRM-000S(703)

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
BF2	17



ACCESSIBLE PARKING SPACE DETAIL





PATH: Q:\GUS\69139\EN\C3D 69139\SOURCE DWGS\PLANSET\69139_BH1-BH2_STRIPE&SIGN.D

CHAMBERS, LUCAS M (DOT)
TAB: BH1 Monday, January 28, 2013 9:19:06 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA 49th CHARLES M. TRIPP CE-9613 REGISTERED PROFESSIONAL ENGINEER
4/3/2013

DESIGNED BY: L. CHAMBERS

DRAWN BY: L. CHAMBERS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

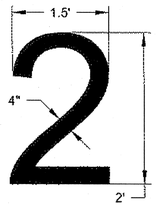
GUSTAVUS FERRY TERMINAL
PROJECT #69139

SIGNING & STRIPING

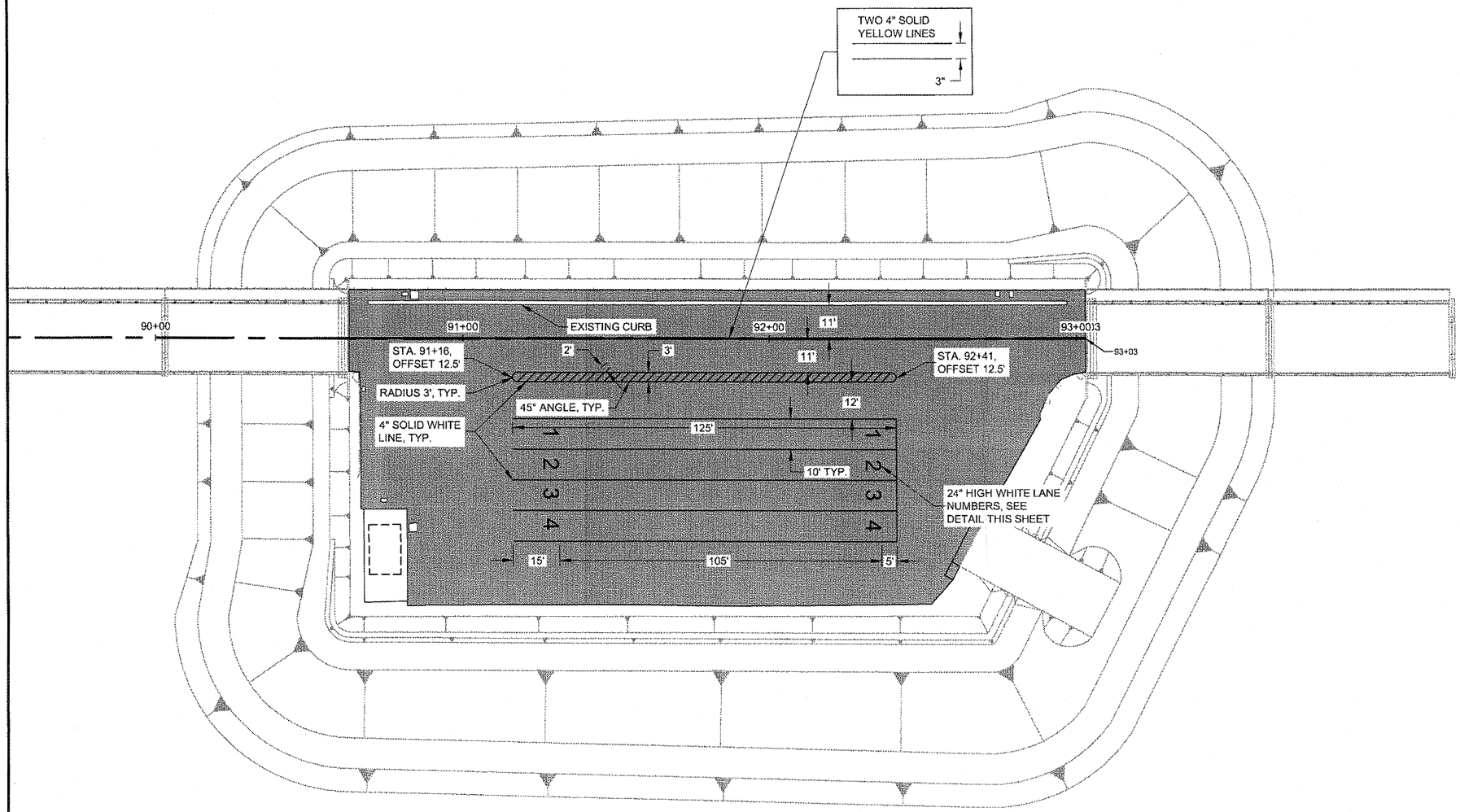
PROJECT DESIGNATION	
69139/ HPRM-000S(703)	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
BH1	17

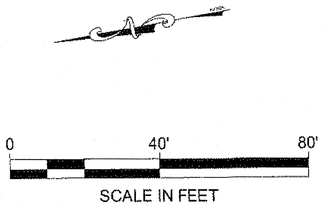
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 4/3/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



LANE NUMBERING DETAIL





Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 2/3/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\GUS\69139\EM\C3D 69139\SOURCE DWGS\PLANSET\69139_BH1-BH2_STRIPE&SIGN.D

CHAMBERS, LUCAS M (DOT)
TAB: BH2 Monday, January 28, 2013 9:19:23 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA — 49th — CHARLES M. TRIPP — CE-9613 — REGISTERED PROFESSIONAL ENGINEER
Charles M. Tripp 9/3/2013

DESIGNED BY: L. CHAMBERS

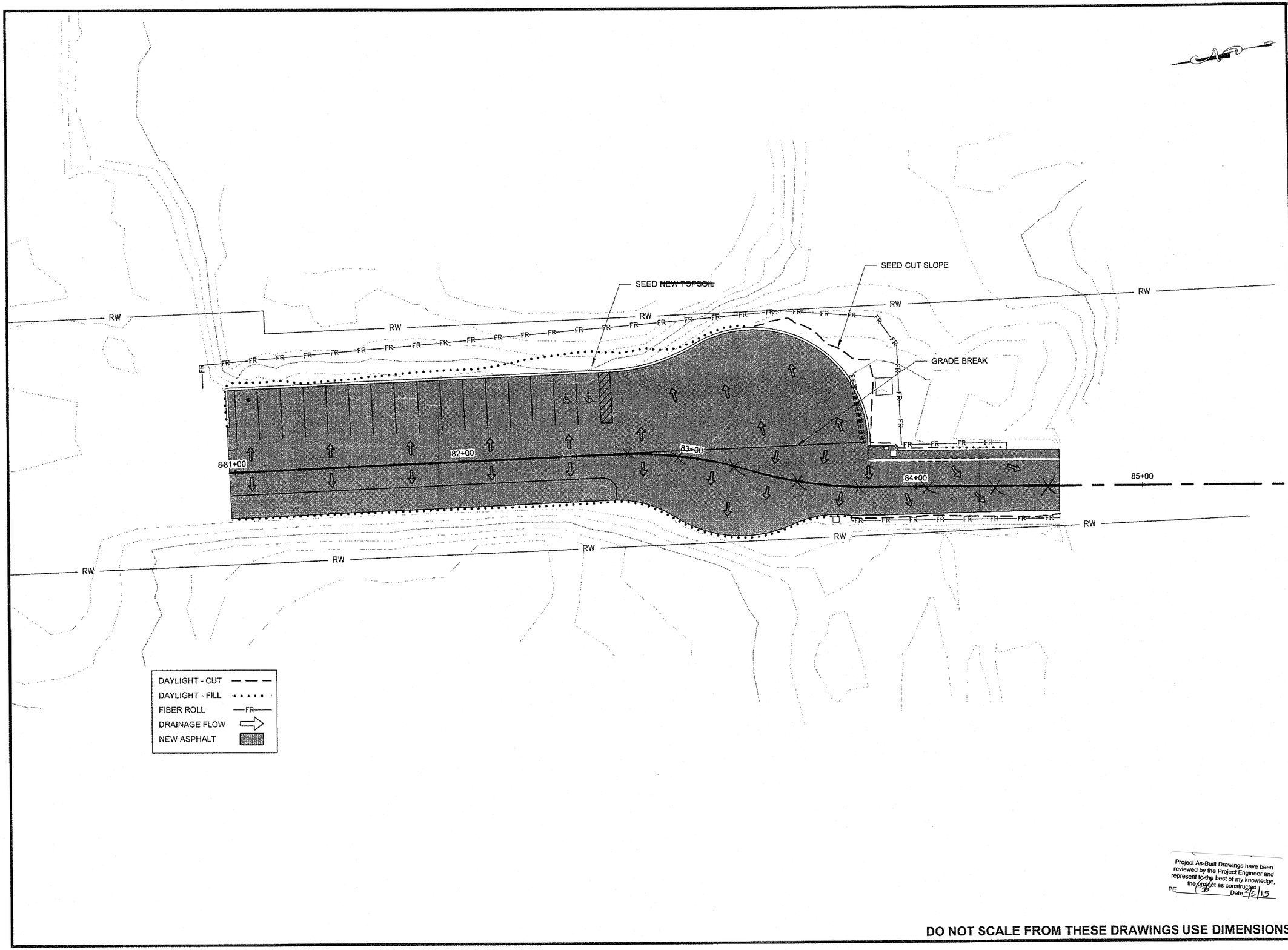
DRAWN BY: L. CHAMBERS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GUSTAVUS FERRY TERMINAL
PROJECT #69139

SIGNING & STRIPING

PROJECT DESIGNATION	
69139/ HPRM-000S(703)	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
BH2	17



PATH: Q:\GUS\69139\EN\C3D 69139\SOURCE DWGS\PLANSET\69139_BP1-BP3_ESCP.DWG

CHAMBERS, LUCAS M (DOT)
TAB: BP1 Friday, April 05, 2013 9:18:06 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA 49th REGISTERED PROFESSIONAL ENGINEER
Charles M. Tripp
CE-9613
4/5/13

DESIGNED BY: L. CHAMBERS

DRAWN BY: L. CHAMBERS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

GUSTAVUS
FERRY TERMINAL
PROJECT #69139

EROSION SEDIMENT CONTROL PLAN

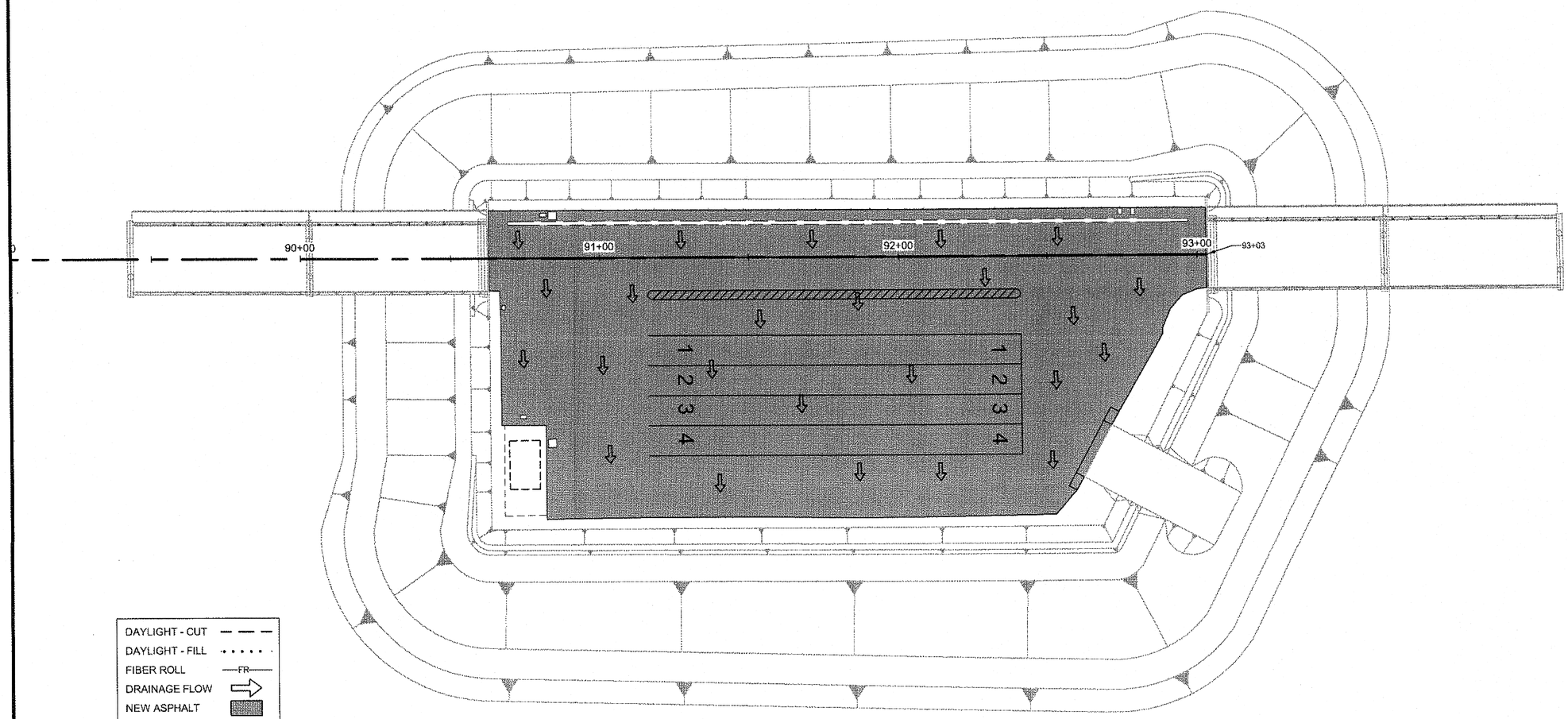
PROJECT DESIGNATION
69139/ HPRM-000S(703)

STATE	YEAR
ALASKA	2012

SHEET NUMBER	TOTAL SHEETS
BP1	17

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 7/5/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



DAYLIGHT - CUT
DAYLIGHT - FILL
FIBER ROLL —FR—
DRAINAGE FLOW
NEW ASPHALT

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 4/3/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\GUS\69139\EN\C3D 69139\SOURCE DWGS\PLANSET\69139_BP1-BP3_ESCP.DWG

CHAMBERS, LUCAS M (DOT)
TAB: BP2 Monday, January 28, 2013 9:20:39 AM

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA 49th
Charles M. Tripp
CE-9613
REGISTERED PROFESSIONAL ENGINEER
4/3/2013

DESIGNED BY: L. CHAMBERS

DRAWN BY: L. CHAMBERS

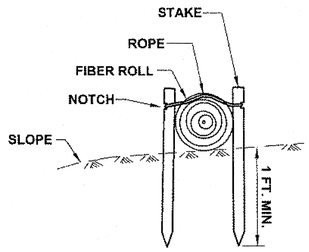
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

GUSTAVUS
FERRY TERMINAL
PROJECT #69139

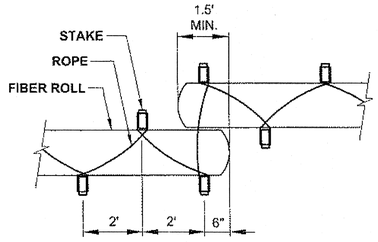
EROSION SEDIMENT CONTROL PLAN

PROJECT DESIGNATION
69139/ HPRM-000S(703)

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
BP2	17

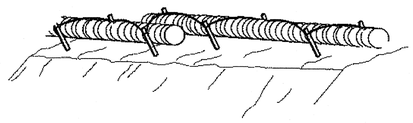


SECTION



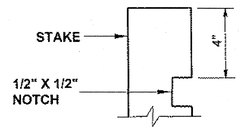
PLAN

FIBER ROLL (TYPE 2)



PERSPECTIVE

FIBER ROLL (TYPE 2)



STAKE

TYPICAL FIBER ROLL DETAIL

NOTES:

1. LAP ADJACENT FIBER ROLLS TO PREVENT SEDIMENT BYPASS.
2. THE LOCATIONS OF TEMPORARY EROSION & SEDIMENT POLLUTION CONTROLS ARE RECOMMENDATIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PREPARE AND IMPLEMENT A WATER QUALITY CONTROL PLAN (WQCP) ACCORDING TO SECTION 641 OF THE SPECS.
3. ANCHOR AS NECESSARY TO FIRMLY SECURE FIBER ROLLS AND PROVIDE CONTINUOUS CONTACT WITH THE SURFACE ON WHICH IT IS INSTALLED.
4. REFER TO APPENDIX B OF THE CONTRACT DOCUMENTS FOR THE ENVIRONMENTAL COMMITMENTS.
5. INSTALL EROSION AND SEDIMENT CONTROL DEVICES BEFORE BEGINNING EARTH DISTURBING ACTIVITIES AND COLD PLANING OR AS SPECIFIED ELSEWHERE.
6. MAINTAIN DEVICES. MONITOR DAILY. REMOVE SEDIMENT FROM SEDIMENT TRAPS WHEN 4" OF SEDIMENT HAS ACCUMULATED.

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE ____ Date 5/5/15

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\GUS\69139\EN\C3D 69139\SOURCE DWGS\PLANSET\69139_BP1-BP3_ESCP.DWG

CHAMBERS, LUCAS M (DOT)
TAB: BP3 Monday, January 28, 2013 9:20:47 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA 49th REGISTERED PROFESSIONAL ENGINEER
Charles M. Tripp
CE-9813
4/3/2013

DESIGNED BY: L. CHAMBERS

DRAWN BY: L. CHAMBERS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

GUSTAVUS
FERRY TERMINAL
PROJECT #69139

EROSION SEDIMENT CONTROL PLAN

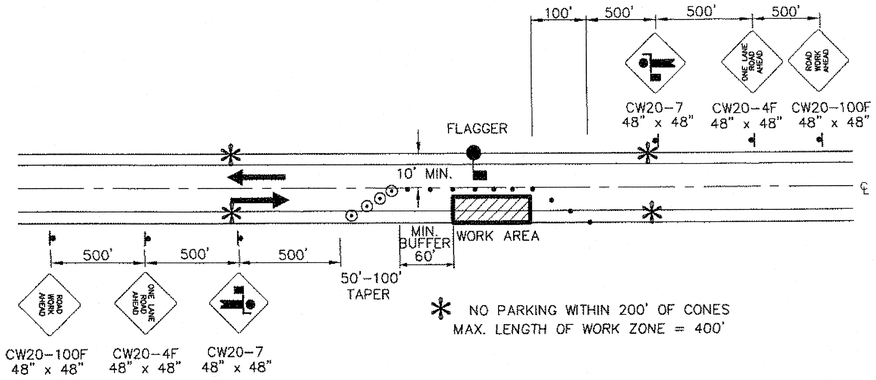
PROJECT DESIGNATION
69139/ HPRM-000S(703)

STATE	YEAR
ALASKA	2012

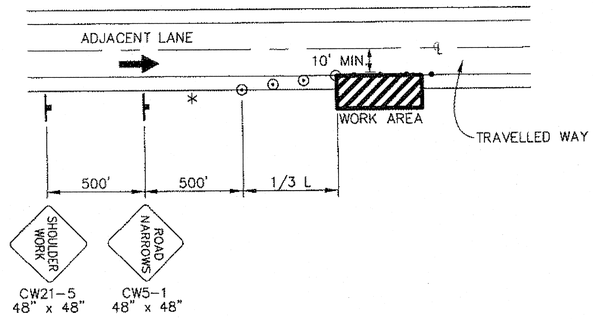
SHEET NUMBER	TOTAL SHEETS
BP3	17

Legend

- ..... SIGN
- ..... CONE
- ..... DRUM
- ..... TYPE III BARRICADE
- ..... FLAGGING STATION



TWO LANE ROAD - SINGLE LANE CLOSURE
Single Flagger



SHOULDER WORK

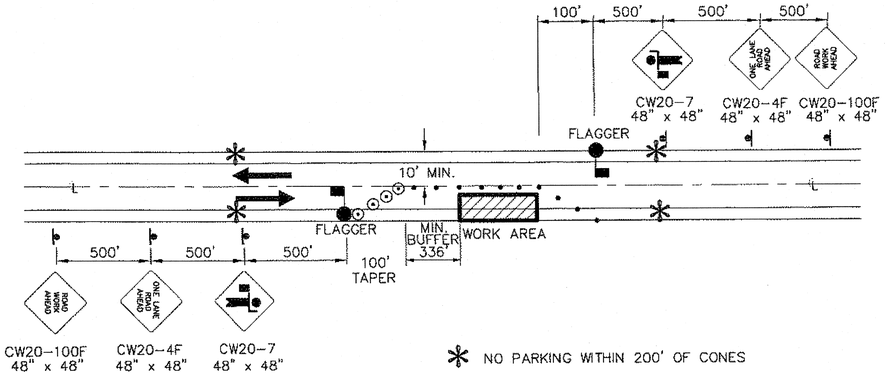
FORMULAS FOR L (TAPER LENGTH)

40 MPH OR LESS $L = \frac{WxS^2}{60}$

45 MPH OR GREATER $L = WxS$

WHERE W= WIDTH OF OFFSET
S= POSTED SPEED LIMIT

TCP SETUP TABLE			
SPEED (MPH)	BUFFER LENGTH (FT)	CONE/DRUM SPACING (FT)	TAPER RATE (T)
20	35	20	4:1
25	55	25	6:1
30	85	30	8:1
35	120	35	12:1
40	170	40	17:1
45	220	45	22:1
50	280	50	28:1
55	335	55	34:1



TWO LANE ROAD - SINGLE LANE CLOSURE
Double Flagger

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 2/3/15

Traffic Control Notes:

1. A MINIMUM OF ONE LANE SHALL BE MAINTAINED AT ALL TIMES, THROUGH ALL WORK AREAS.
2. TEMPORARY DRIVING LANES SHALL HAVE A MINIMUM WIDTH OF 10'-0".
3. CONSTRUCTION SIGNING SHALL BE IN PLACE ONLY WHEN THE CONDITIONS EXIST FOR WHICH THE SIGNS ARE INTENDED. CONSTRUCTION SIGNS SHALL BE PLACED SUCH THAT THEY DO NOT OBSCURE EXISTING TRAFFIC SIGNS.
4. IT IS THE INTENT OF THIS TRAFFIC CONTROL PLAN (TCP) TO ILLUSTRATE SOME, NOT ALL, OF THE TRAFFIC CONTROL SETUPS WHICH WILL BE REQUIRED ON THIS PROJECT. PLANS FOR CONFIGURATIONS NOT COVERED BY THE TCP SHALL BE CREATED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER FOR APPROVAL. WHERE APPROPRIATE, THEY SHALL INCORPORATE APPLICABLE PORTIONS OF DETAILS ON THESE SHEETS.
5. 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.
6. THE CONTRACTOR SHALL KEEP THE PUBLIC INFORMED OF HIS CONSTRUCTION ACTIVITIES THROUGH THE USE OF THE LOCAL NEWS MEDIA. NEWS RELEASES SHALL BE APPROVED BY THE PROJECT 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. FOR PEDESTRIAN TRAFFIC CONTROL SEE ALASKA STANDARD DRAWING C-03.10.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\GUS\69139\EN\C3D 69139\SOURCE DWGS\PLANSET\69139_BT1_TCP.DWG

CHAMBERS, LUCAS M (DOT)
TAB: BT1 Monday, February 04, 2013 11:57:47 AM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

PLAN LEGEND

CHECKED BY: C. TRIPP

DESIGNED BY: L. CHAMBERS

DRAWN BY: L. CHAMBERS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

GUSTAVUS FERRY TERMINAL
PROJECT #69139

TRAFFIC CONTROL PLAN

PROJECT DESIGNATION
69139/ HPRM-000S(703)

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
BT1	17