Project As-Builts

State of Alaska

Department of Transportation and Public Facilities

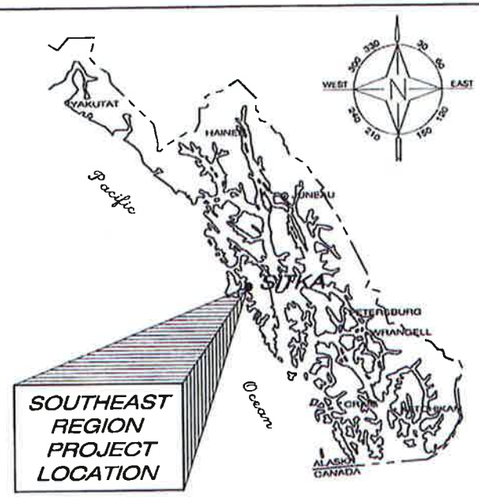
Southeast Region

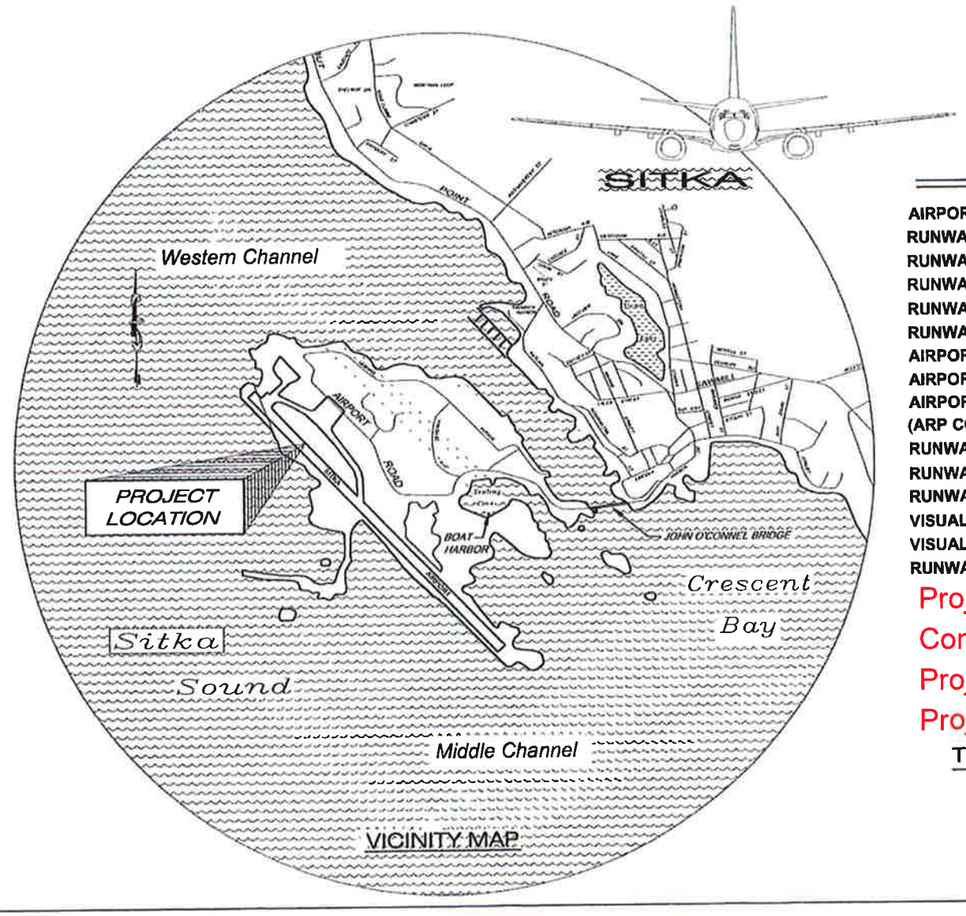
SITKA ROCKY GUTIERREZ AIRPORT

11/29 RUNWAY OVERLAY

AIP NO. 3-02-0268-028-2011 ~69652

AIP NO. 3-02-0268-029-2013





DESIGN DATA

AIRPORT TYPE	PRIMARY
RUNWAY CATEGORY	REGIONAL
RUNWAY INSTRUMENTATION	NON-PRECISION
RUNWAY DIMENSIONS	6820' X 150' PROPOSED, 6500' X 150' EXISTING
RUNWAY/TAXIWAY SURFACE	ASPHALT CONCRETE
RUNWAY LIGHTING	HIGH INTENSITY RUNWAY LIGHTING (HIRL)
AIRPORT REFERENCE CODE	C-III
AIRPORT ELEVATION	20.78 FT (MSL) / 26.11 FT (MLLW)
AIRPORT REFERENCE POINT (ARP COORDINATES - NAD '83)	Latitude N 57° 02' 50.8" Longitude W 135° 21' 38.2"
RUNWAY SAFETY AREA LENGTH	7200'
RUNWAY SAFETY AREA WIDTH	195'
RUNWAY OBJECT FREE AREA WIDTH	800'
VISUAL/INST NAVAIDS R/W 11	LOC, DME, REIL, VASI
VISUAL/INST NAVAIDS R/W 29	REIL, VASI
RUNWAY MARKINGS TYPE	PRECISION

Project Engineer- Don Newell

Contractor - KNIK Construction Inc.

Project Begin Date- 03/07/2013

Project End Date - 08/07/2013

THE FOLLOWING STANDARD DRAWINGS APPLY TO THIS PROJECT

A-1
M-16.01

INDEX

G-14a Runway 29 left REIL Detail

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PLOT: PSPACE OR MSPACE: 1=1(F)

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

STATE OF ALASKA 49th Charles M. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER
12/17/12

APPROVED:

Chuck Correa 12/20/12
CHUCK CORREA, P.E. DATE
REGIONAL PRE-CONSTRUCTION ENGINEER

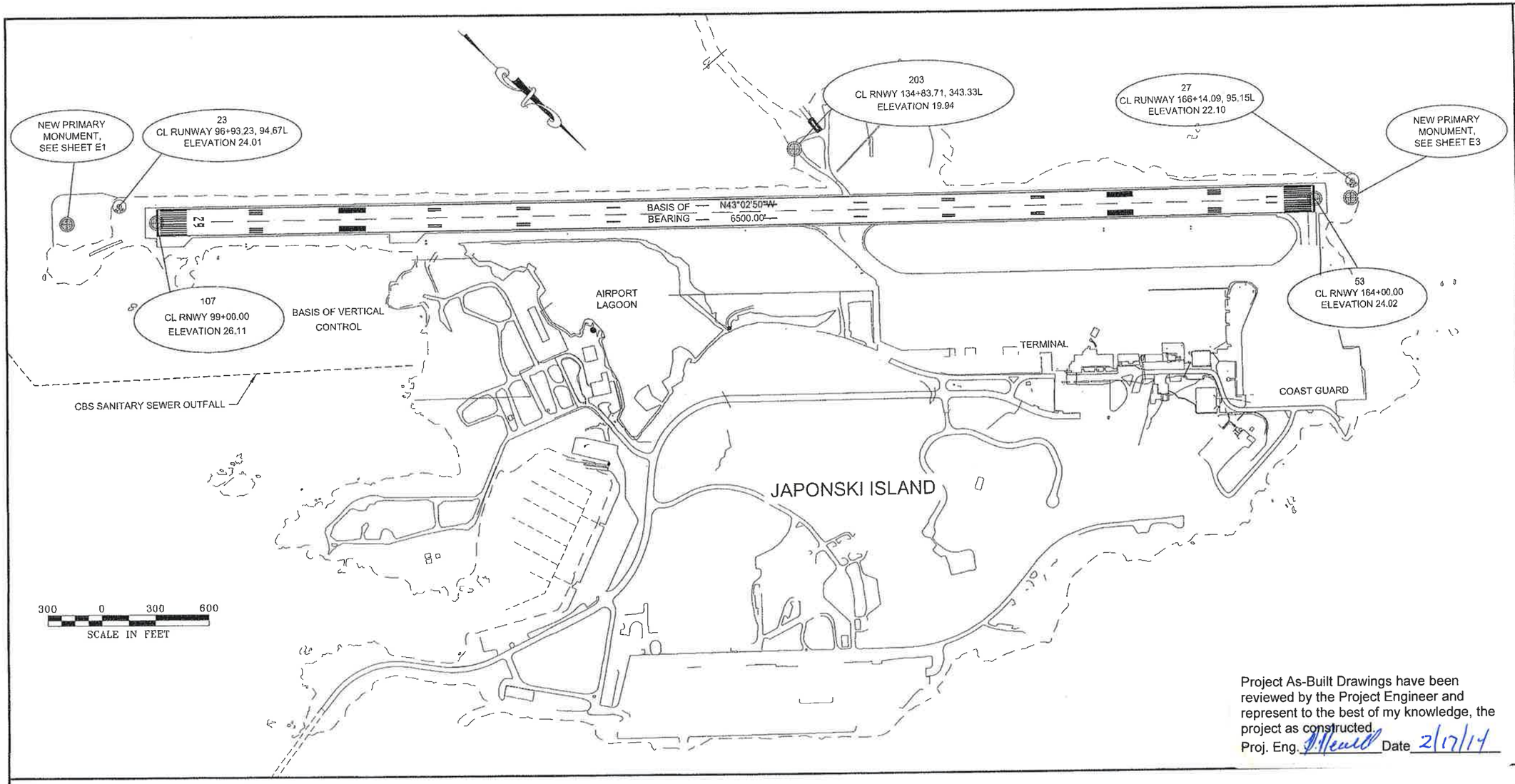
APPROVED:

12,20,2012
ALBERT H. CLOUGH, CPG DATE
DIRECTOR, SOUTHEAST REGION

CERTIFIED TRUE & CORRECT AS-BUILT OF ACTUAL FIELD CONDITION:

5/15/15
CONSTRUCTION PROJECT MANAGER DATE

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	69652/3-02-0268-028-2011 3-02-0268-029-2013	2012	A1	49



Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. _____ Date 2/17/14

HORIZONTAL CONTROL
THE BASIS OF HORIZONTAL CONTROL IS THE BEARING OF N43°02'50"W FROM THE RUNWAY CL MON @ STA 99+00.00 TO THE RUNWAY CL MON @ STA 164+00.00. ALL STATIONING AND OFFSET IS REFERENCED FROM THE RUNWAY CENTERLINE.

VERTICAL CONTROL
THE BASIS OF VERTICAL CONTROL FOR THIS PROJECT IS THRESHOLD CL MONUMENT @ 99+00.00 WITH AN ACCEPTED ELEVATION OF 26.11' ABOVE MLLW.

LEGEND
= DOT/PF ALUMINUM CAP
= CL BRASS CAP IN CASE

POINT	STATION	OFFSET	NORTH	EAST	ELEV	DESCRIPTION
23	96+93.07	94.67	26575.1814	50675.6408	24.01	ALCAP2"/REBAR_SA-6
27	166+12.77	95.15	31631.7943	45952.0948	22.10	ALCAP2"/REBAR_SA-10
53	164+00.00	0.00	31540.8906	46167.1574	24.02	BC2"_RESET_CL_RNWY_164+00
107	99+00.00	0.00	26790.7519	50604.1009	26.11	BC2"/STEM_CL_RNWY_99+00
203	134+83.71	343.33 L	29175.3373	47906.9557	19.94	BC3.25"/STEM_NOS_MON_SITC

CONTROL MONUMENT NOTES:

1. IF ANY PAIR OF CONTROL POINTS DISAGREES FROM PUBLISHED VALUE BY MORE THAN 1:10,000 HORIZONTALLY OR VERTICALLY THEN A THIRD NETWORK POINT MUST BE TIED TO ASCERTAIN WHICH POINT IS IN ERROR OR HAS BEEN DISTURBED.
2. WHETHER LISTED OR NOT, ALL MONUMENTS OR PROPERTY MARKERS OR ACCESSORIES WHICH WILL BE DISTURBED OR BURIED SHALL BE REFERENCED PRIOR TO BEING DISTURBED AND 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 PRIOR TO RECORDING. COORDINATE VALUES LISTED ARE FOR INFORMATIONAL PURPOSES AND SHOULD BE USED TO RESET MONUMENTS ONLY AS A LAST RESORT.
3. THE EXISTING MONUMENTS AT THE EXISTING END OF RUNWAY 11 AND RUNWAY 29 SHALL BE REFERENCED PRIOR TO CONSTRUCTION ACTIVITIES. THE MONUMENTS SHALL BE PRESERVED THROUGH THE CONSTRUCTION PROCESS AND CHECKED FOR POSITION AT THE CONCLUSION OF CONSTRUCTION. SHOULD THESE MONUMENTS GET DISTURBED DURING CONSTRUCTION, EITHER NEW MONUMENTS SHALL BE INSTALLED AT THE ORIGINAL POSITIONS, OR NEW PUNCH MARKS ON THE OLD MONUMENTS AT THE ORIGINAL POSITIONS SHALL BE SET AND THE OLD PUNCH MARKS OBLITERATED.
4. THE MONUMENT AT POINTS 23, 27, 53, & 107 MAY BE DESTROYED. PRESERVE AND PROTECT ALL OTHER MONUMENTS.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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FAGNANT, THOMAS D (DOT)
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ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

SURVEY CONTROL PLAN

PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA
49th
Randal V. Davis
No. 10611
REGISTERED PROFESSIONAL LAND SURVEYOR

DESIGNED BY: T. REED
DRAWN BY: T. FAGNANT

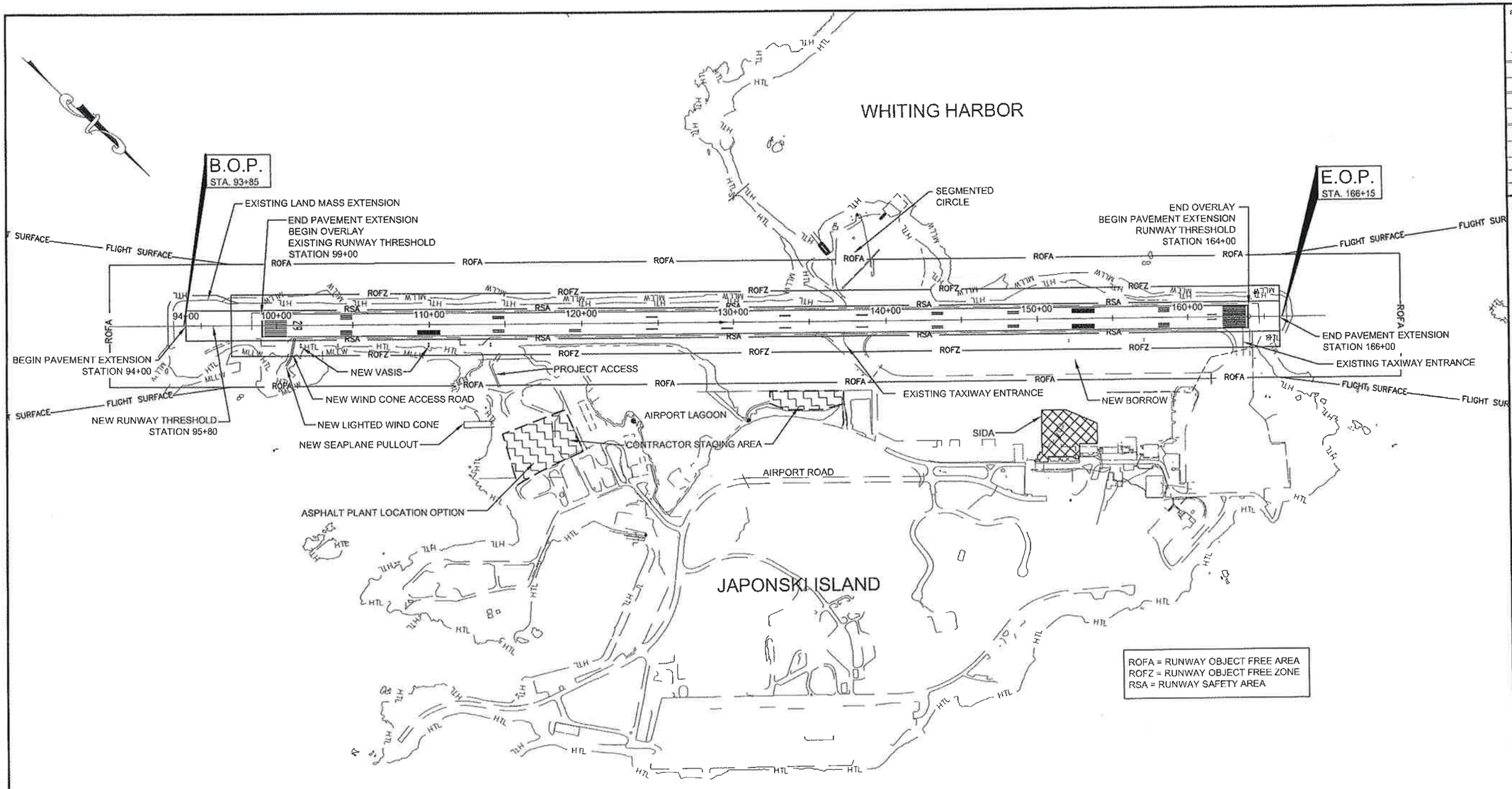
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

SURVEY CONTROL PLAN

PROJECT DESIGNATION
69652/3-02-0268-028-2011
3-02-0268-029-2013

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
A2	49



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FAGNANT, THOMAS D (DOT)

TAB: A3

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

GENERAL LAYOUT PLAN

PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA 49th Charles M. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER 12/17/12

DESIGNED BY: T. FAGNANT

DRAWN BY: T. FAGNANT

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

GENERAL LAYOUT PLAN

PROJECT DESIGNATION

69652/3-02-0268-028-2011
3-02-0268-029-2013

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ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
A3	49

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. [signature] Date 2/17/14

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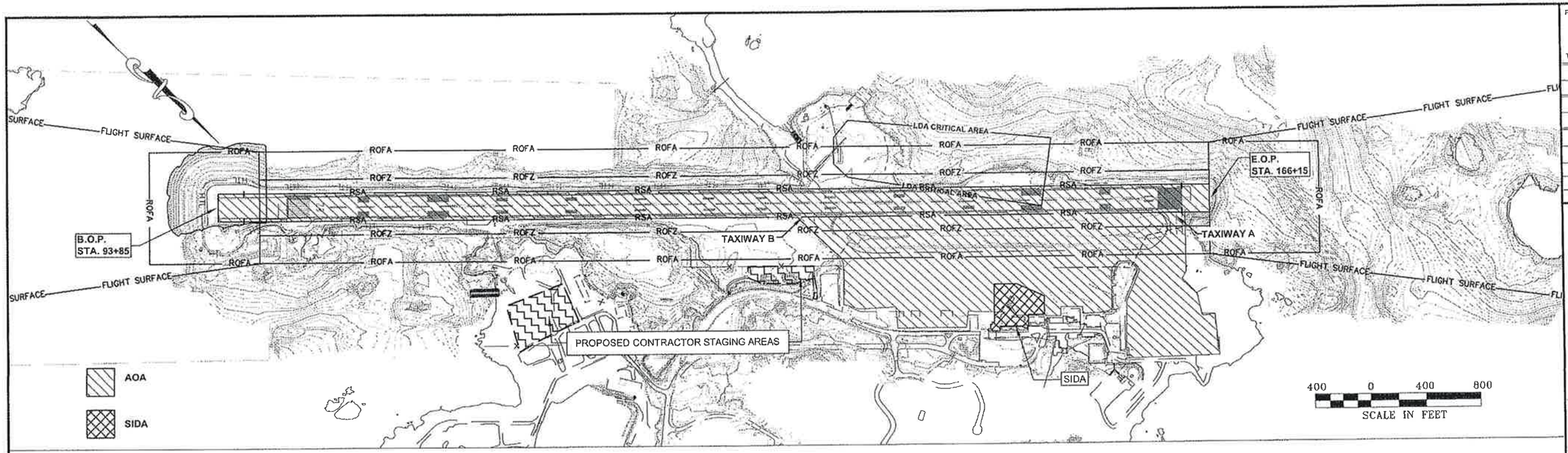

DEFINITIONS

AOA - AIR OPERATIONS AREA - ALL AREAS OPEN FOR LANDING, TAKEOFF, OR GROUND MOVEMENT OF AIRCRAFT. THIS INCLUDES THE RUNWAY, RSA, TAXIWAY, TAXIWAY SAFETY AREA AND APRON. ALL VEHICLES ENTERING THIS AREA SHALL BE APPROPRIATELY MARKED AND THE DRIVER SHALL BE TRAINED AND HAVE APPROPRIATE COMMUNICATIONS EQUIPMENT,

FLIGHT SURFACE - THE FLIGHT SURFACE IS THE APPROACH/DEPARTURE SURFACE FOUND IN AC 150/5300-13A CHAPTER 3. THE FLIGHT SURFACE FOR LARGE AIRCRAFT (GREATER THAN 12,500 LB MAXIMUM TAKEOFF WEIGHT) STARTS 200' BEYOND EACH THRESHOLD AT THE RUNWAY CENTERLINE ELEVATION AND RAISES AT A SLOPE OF 20:1. IT TAPERS FROM 1,000' WIDE TO 3,800' WIDE 10,200' FROM THE THRESHOLD.

ALL PERSONS, MATERIAL, AND EQUIPMENT MUST BE OUTSIDE OF THIS AREA DURING AIRCRAFT OPERATIONS.

LDA CRITICAL AREA - THE LDA CRITICAL AREA IS A SURFACE WITH A VARIABLE DISTANCE SURROUNDING THE LOCALIZER DIRECTIONAL AID.

ROFA - RUNWAY OBJECT FREE AREA - THE ROFA ENHANCES THE SAFETY OF AIRCRAFT OPERATIONS BY REMAINING CLEAR OF OBJECTS, EXCEPT FOR OBJECTS THAT NEED TO BE LOCATED IN THE ROFA FOR AIR NAVIGATION ON AIRCRAFT GROUND MANEUVERING PURPOSES. THE ROFA EXTENDS 1000' BEYOND EACH END OF RUNWAY, AND 400' FROM THE RUNWAY CENTERLINE AT THE ELEVATION OF THE NEAREST OUTSIDE EDGE OF THE RSA. EQUIPMENT AND MATERIAL STOCKPILES SHALL BE STORED OUTSIDE OF THIS AREA. SEE THE PROPOSED CONTRACTOR STAGING AREAS.

ROFZ - RUNWAY OBSTACLE FREE ZONE - THE ROFZ IS THE THREE-DIMENSIONAL AIRSPACE CENTERED ABOVE THE RUNWAY CENTERLINE THAT IS REQUIRED TO BE CLEAR OF OBSTACLES FOR PROTECTION FOR AIRCRAFT LANDING OR TAKING OFF FROM THE RUNWAY AND FOR MISSED APPROACHES. THE ROFZ IS AT A MAXIMUM HEIGHT OF 150 FEET AND EXTENDS 200' BEYOND EACH END OF RUNWAY, AND 400' FROM THE RUNWAY CENTERLINE AT THE ELEVATION OF THE NEAREST OUTSIDE ELEVATION OF THE RUNWAY.

RSA - RUNWAY SAFETY AREA - THE EXISTING RSA EXTENDS 500' BEYOND THE END OF RUNWAY 29, 200' BEYOND THE END OF RUNWAY 11, AND 97.5' FROM THE RUNWAY CENTERLINE. IT WILL REMAIN THESE DIMENSIONS DURING CONSTRUCTION.

SIDA - SECURITY IDENTIFICATION DISPLAY AREA - AREAS IDENTIFIED IN THE AIRPORT SECURITY PROGRAM AS SIDA REQUIRE EACH PERSON TO CONTINUOUSLY DISPLAY ON THEIR OUTERMOST CLOTHING AN AIRPORT-APPROVED SIDA IDENTIFICATION UNLESS UNDER AIRPORT APPROVED ESCORT. WORK IS NOT REQUIRED IN THE SIDA UNDER THIS CONTRACT. KEEP PERSONNEL AND EQUIPMENT OUT OF THE SIDA.

GENERAL NOTES

1. CONTRACTOR SHALL SUBMIT A SAFETY PLAN COMPLIANCE DOCUMENT (SPCD) FOR APPROVAL OF THE AIRPORT OPERATOR. ANY CHANGES TO THE SPCD MUST ALSO BE SUBMITTED FOR APPROVAL.
2. APPROXIMATE LOCATION OF KNOWN UTILITIES AND NAVAID COMMUNICATIONS AVAILABLE FROM DOT/PF REGIONAL OFFICE. CONTACT PHONE NO. (907) 747-6634.
3. NIGHT TIME FULL CLOSURES WILL BE REQUIRED FOR PAVING, TRENCHING, AND EXCAVATING. SEE SHEET A8-A13 FOR NOTES ON SEQUENCING PLAN.
4. FOR SPECIFIC LANGUAGE, INSTRUCTIONS, REGULATIONS AND RESTRICTIONS CONCERNING SEQUENCING PLAN, AND SAFETY AND SECURITY ISSUES, SEE SECTIONS 70 AND 80 OF THE SPECIAL PROVISIONS.

CONSTRUCTION SAFETY AND PHASING PLAN NOTES

1. CONSTRUCTION CANNOT BEGIN UNTIL AN SPCD IS IN PLACE AND APPROVED BY THE AIRPORT OPERATOR, AS REQUIRED IN SECTION 1.02 OF APPENDIX D. ALL CONSTRUCTION WITHIN THE AOA, FLIGHT SURFACE, ROFA, AND ROFZ, SHALL BE CARRIED OUT IN ACCORDANCE WITH AN APPROVED, CURRENT SPCD AND LIMITATIONS IN SECTION 80 OF SPECIFICATIONS.
2. THE CONTRACTOR SHALL HAVE A CVO ON DUTY FOR CONSTRUCTION AND KEEP IN CONTACT WITH THE FLIGHT CONTROLLER. THE COMMAND VEHICLE OPERATOR (CVO) WILL BE STATIONED WITHIN THE AOA AND CONTINUOUSLY MONITOR 123.6 MHZ. THE CVO MUST MAINTAIN VISUAL AND COMMUNICATIONS COMMAND AT ALL TIMES. ALL PERSONNEL, EQUIPMENT, AND MATERIALS SHALL BE CLEAR OF THE AOA, FLIGHT SURFACE, AND ROFZ DURING AIRCRAFT OPERATIONS. AN AIRCRAFT OPERATION INCLUDES 15 MINUTES BEFORE ARRIVAL AND 30 MINUTES BEFORE DEPARTURE, IN ADDITION TO TIME ON RUNWAY AND TAXIWAY SURFACES.
3. OPEN EXCAVATIONS ARE PROHIBITED WITHIN THE EXISTING RSA DISTANCE FROM THE END OF THE RUNWAY WHILE THE RUNWAY IS OPEN. WORK FROM APPROXIMATE STA 97+00 TO STA 99+00 AND FROM STA 164+00 TO 166+00 REQUIRE EXCAVATION IN THE EXISTING RSA AT THE RUNWAY ENDS. REPAIR AREAS OF THE RUNWAY SHOWN ON SHEET H1 REQUIRE EXCAVATION. THE CONTRACTOR IS REQUIRED TO SCHEDULE HIS WORK IN THESE AREAS SO THAT EXCAVATIONS ARE PROPERLY BACKFILLED TO THE PROPOSED ELEVATIONS AND PAVED BEFORE THE RUNWAY IS OPENED TO AIRCRAFT.
4. ALL CLOSURES MUST BE CARRIED OUT IN ACCORDANCE WITH AN APPROVED, CURRENT SPCD AND CSPP. CLOSURES OF RUNWAY 11/29 ARE ONLY PERMITTED WITH COORDINATION OF AIRPORT MANAGEMENT, THE FAA FLIGHT SERVICE STATION, THE U.S. COAST GUARD AND THE ENGINEER. SEE SECTION 80-04(D) OF THE SPECIFICATIONS, SHEET A8, AND SHEET A13 FOR MORE INFORMATION.
5. THE INDICATED HAUL ROUTE AS SHOWN ON SHEETS A5-A7 IS THE ONLY ROUTE VEHICLES MAY USE TO ACCESS THE CONSTRUCTION AREA. THIS ROUTE PASSES NEAR NAVIGATION AIDS AND OVER THE RUNWAY PAVEMENT. TAKE CARE NOT TO DAMAGE NAVIGATION AIDS. THE RUNWAY PAVEMENT ADJACENT AND ON THE HAUL ROUTE SHALL BE CONTINUOUSLY SWEPT CLEAR OF ANY FOREIGN OBJECT DEBRIS WHETHER IT IS THERE AS A RESULT OF CONTRACTOR OPERATIONS OR NOT. IF AIRPORT MANAGEMENT FINDS THAT THE CONTRACTOR'S FOD REMOVAL HAS NOT BEEN MAINTAINED TO A HAZARD FREE STANDARD, THE HAZARDOUS FOD SHALL BE REMOVED WITHIN 15 MINUTES OF AIRPORT MANAGEMENT NOTIFICATION.
6. AIRPORT SECURITY MUST BE MAINTAINED AT THE HAUL ROUTE ENTRANCES TO THE AIRPORT AS SHOWN ON SHEET A6. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PREVENT ENTRY OF UNAUTHORIZED PERSONS OR VEHICLES. IF LEFT OPEN, FENCE GATES USED BY THE CONTRACTOR SHALL BE CONTINUOUSLY STAFFED BY A TRAINED AND BADGED KNOWLEDGEABLE EMPLOYEE. THE GATE GUARD MAY NOT BE THE CVO.
7. STORAGE OF MATERIALS AND PARKING OF EQUIPMENT SHALL NOT BE ALLOWED INSIDE THE ROFA, WHICH IS 400 FEET FROM THE RUNWAY CENTERLINE.
8. TEMPORARY MARKINGS MUST BE MONITORED FREQUENTLY AND IMMEDIATE ACTION TAKEN TO CORRECT IMPROPER ASPECTS.
9. WHEN WORKING IN AN AREA THAT WILL OBSTRUCT THE VASI, COORDINATE WITH THE ENGINEER, AIRPORT MANAGEMENT, AND THE FAA TO ISSUE A NOTAM AND COVER THE VASI. THE VASI MUST BE UNCOVERED AND OPERATIONAL AT LEAST 15 MINUTES BEFORE THE ALASKA AIRLINES JET ARRIVES.
10. DO NOT ALLOW MEN, MATERIAL, OR EQUIPMENT ON THE APRON WITHOUT APPROVAL FROM FOD IF THE ENGINEER APPROVES ACCESS TO THE APRON.
11. ALL EQUIPMENT MUST BE PROPERLY EQUIPPED WITH MARKING AND LIGHTING REQUIRED B HTTP://WWW.FAA.GOV/AIRPORTS/RESOURCES/ADVISORY_CIRCULARS/

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. _____ Date 2/17/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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FAGNANT, THOMAS D (DOT)

TAB: A4

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

CONSTRUCTION SAFETY AND PHASING PLAN

PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA 49th Charles M. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER 12/20/12

DESIGNED BY: T. FAGNANT

DRAWN BY: T. FAGNANT

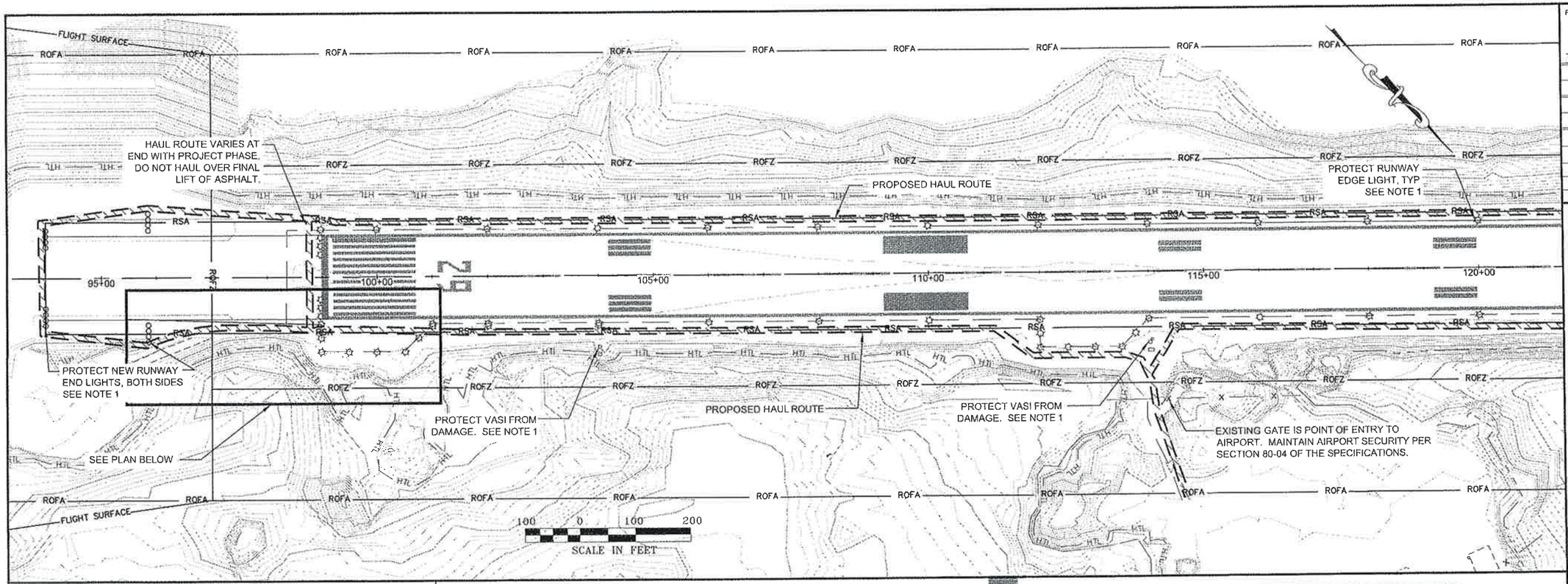
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

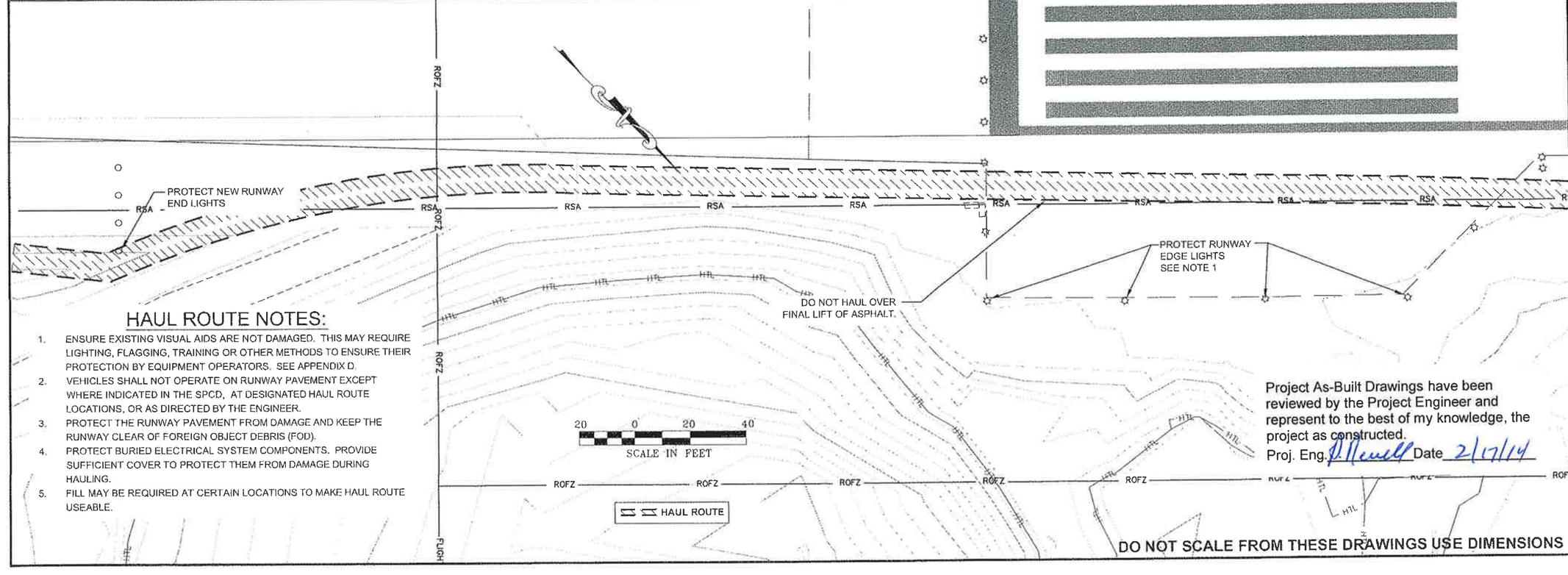
SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

CONSTRUCTION SAFETY & PHASING PLAN

PROJECT DESIGNATION
69652/3-02-0268-028-2011 3-02-0268-029-2013

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
A4	49





HAUL ROUTE NOTES:

1. ENSURE EXISTING VISUAL AIDS ARE NOT DAMAGED. THIS MAY REQUIRE LIGHTING, FLAGGING, TRAINING OR OTHER METHODS TO ENSURE THEIR PROTECTION BY EQUIPMENT OPERATORS. SEE APPENDIX D.
2. VEHICLES SHALL NOT OPERATE ON RUNWAY PAVEMENT EXCEPT WHERE INDICATED IN THE SPCD, AT DESIGNATED HAUL ROUTE LOCATIONS, OR AS DIRECTED BY THE ENGINEER.
3. PROTECT THE RUNWAY PAVEMENT FROM DAMAGE AND KEEP THE RUNWAY CLEAR OF FOREIGN OBJECT DEBRIS (FOD).
4. PROTECT BURIED ELECTRICAL SYSTEM COMPONENTS. PROVIDE SUFFICIENT COVER TO PROTECT THEM FROM DAMAGE DURING HAULING.
5. FILL MAY BE REQUIRED AT CERTAIN LOCATIONS TO MAKE HAUL ROUTE USEABLE.

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. D Merrill Date 2/17/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\SIT\69652\ENIC3D PROJECT DATA\SOURCE DWGS\69652_A SAFETY -CENTER HALF PHASING.DWG

FAGNANT, THOMAS D (DOT)

TAG: A5

ADDENDUM NUMBER

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SITKA ROCKY GUTIERREZ AIRPORT
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CONSTRUCTION SAFETY AND PHASING PLAN

PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA 49th PROFESSIONAL ENGINEER Charles M. Tripp CE-9613 12/17/14

DESIGNED BY: T. FAGNANT

DRAWN BY: T. FAGNANT

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

SITKA
ROCKY GUTIERREZ AIRPORT
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CONSTRUCTION SAFETY & PHASING PLAN

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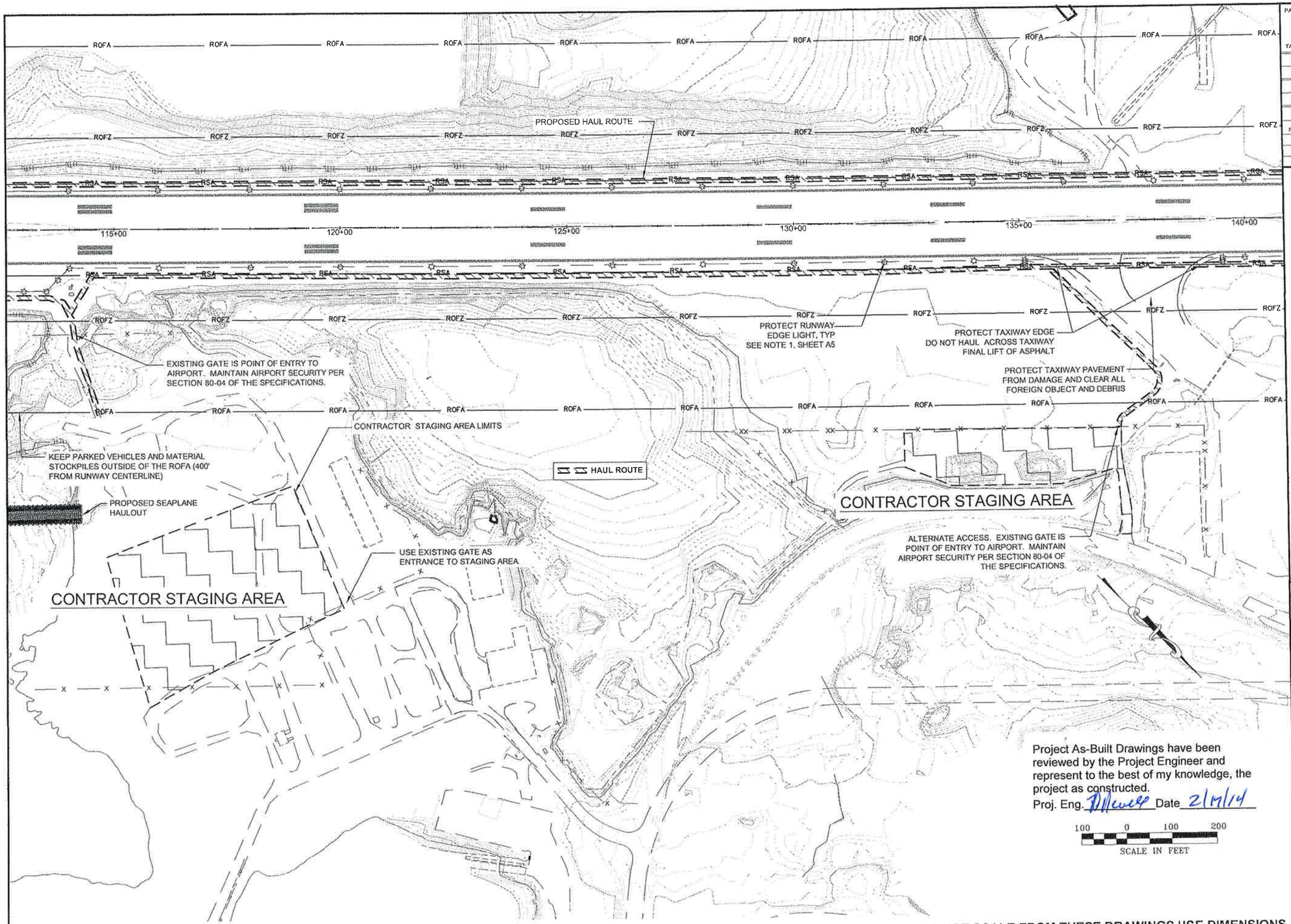

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. [signature] Date 2/11/14

100 0 100 200
SCALE IN FEET

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FAGNANT, THOMAS D (DOT)
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ADDENDUM NUMBER
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CONSTRUCTION SAFETY AND PHASING PLAN

PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA 49th Charles M. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER
12/17/12

DESIGNED BY: T. FAGNANT
DRAWN BY: T. FAGNANT

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
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A6	49

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FAGNANT, THOMAS D (DOT)

TAB: A7

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

ROFA ROFZ RSA FLIGHT SURFACE

PROTECT RUNWAY EDGE LIGHTS SEE NOTE 1, SHEET A5

PROPOSED HAUL ROUTE

HAUL ROUTE VARIES AT END WITH PROJECT PHASE. DO NOT HAUL OVER FINAL LIFT OF ASPHALT.

0+00 145+00 150+00 155+00 160+00 165+00

PROPOSED HAUL ROUTE

PROTECT VASI FROM DAMAGE. SEE NOTE 1, SHEET A5

SEE PLAN BELOW

DO NOT HAUL OVER FINAL LIFT OF ASPHALT.

100 0 100 200
SCALE IN FEET

165+00

PROTECT THRESHOLD LIGHTS. SEE NOTE 1,

PROTECT TAXIWAY EDGE LIGHTS SEE NOTE 1, SHEET A5

HAUL ROUTE

PROTECT TAXIWAY EDGE

PROTECT TAXIWAY EDGE DO NOT HAUL ACROSS TAXIWAY AFTER TAXIWAY IS PAVED

PROTECT TAXIWAY PAVEMENT FROM DAMAGE AND CLEAR ALL FOREIGN OBJECT AND DEBRIS

20 0 20 40
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.
Proj. Eng. DRuell Date 2/17/14

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CONSTRUCTION SAFETY AND PHASING PLAN

SITKA ROCKY GUTIERREZ AIRPORT
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CHECKED BY: C. TRIPP

STATE OF ALASKA 49th Charles M. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER
Charles M. Tripp 12/17/13

DESIGNED BY: T. FAGNANT

DRAWN BY: T. FAGNANT

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

SITKA
ROCKY GUTIERREZ AIRPORT
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CONSTRUCTION SAFETY & PHASING PLAN

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ALASKA	2012
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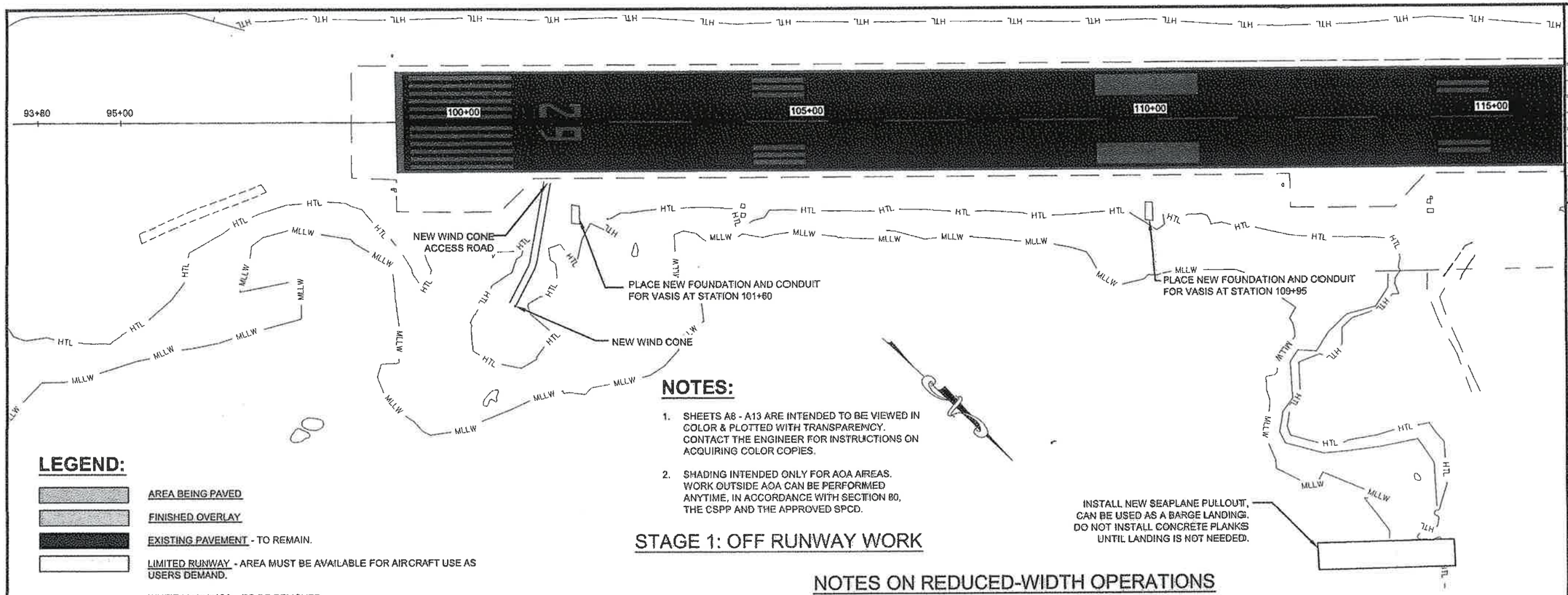
A7	49



LEGEND:

- AREA BEING PAVED
- FINISHED OVERLAY
- EXISTING PAVEMENT - TO REMAIN.
- LIMITED RUNWAY - AREA MUST BE AVAILABLE FOR AIRCRAFT USE AS USERS DEMAND.
- WHITE MARKINGS - TO BE REMOVED.
- RED MARKINGS - TO BE INSTALLED OR EXISTING TO REMAIN.

NOTES:

1. SHEETS A8 - A13 ARE INTENDED TO BE VIEWED IN COLOR & PLOTTED WITH TRANSPARENCY. CONTACT THE ENGINEER FOR INSTRUCTIONS ON ACQUIRING COLOR COPIES.
2. SHADING INTENDED ONLY FOR AOA AREAS. WORK OUTSIDE AOA CAN BE PERFORMED ANYTIME, IN ACCORDANCE WITH SECTION 80, THE CSPP AND THE APPROVED SPCD.

STAGE 1: OFF RUNWAY WORK

SEQUENCING NOTES:

1. THE GENERAL SCOPE OF WORK FOR EACH STAGE IS DESCRIBED BELOW. PARTICULAR RESTRICTIONS ARE NOTED IN THE PLAN VIEW FOR EACH STAGE.
2. STAGES 1 - 5 SHOW THE CONSTRUCTION SEQUENCE FOR WORK UNDER THIS CONTRACT. THE TASKS SHOWN IN EACH STAGE MAY REQUIRE DIFFERENT SEQUENCING, OR CONCURRENT PROGRESS WITH OTHER TASKS TO ACCOMPLISH THE WORK. THE APPROVED CONSTRUCTION SAFETY AND PHASING PLAN (CSPP) AND SPECIFICATIONS PROVIDE ADDITIONAL GUIDANCE ON OPERATIONAL LIMITATIONS. STAGE CONSTRUCTION TO COMPLY WITH ALL CONDITIONS OF THE CSPP, THE SAFETY COMPLIANCE DOCUMENT (SPCD), SUBSECTION 80-04 LIMITATION OF OPERATIONS, AND PROJECT PERMIT STIPULATIONS.
3. WORK OUTSIDE THE EXISTING RUNWAY SAFETY AREA MAY BE PERFORMED AT CONTRACTOR'S DISCRETION SUBJECT TO THE LIMITS OF THE CSPP AND THE SPCD.
4. USE THESE STAGES AS A BASIS FOR PREPARING STORMWATER POLLUTION PREVENTION PLAN (SWPPP) MEASURES FOR EACH STAGE. THE PROJECT EROSION AND SEDIMENT CONTROL PLAN (ESCP) MEASURES APPLY TO ALL STAGES. PROVIDE SWPPP UPDATES AS EACH STAGE PROGRESSES.
5. ALL FAA FACILITIES SHALL REMAIN IN OPERATION THROUGHOUT THE PROJECT EXCEPT AS SPECIFIED IN THE APPROVED STAGING PLAN. DAMAGE TO FAA FACILITIES INCLUDING POWER DISRUPTION SHALL BE IMMEDIATELY REPAIRED IN A MANNER ACCEPTABLE TO THE FAA AT THE CONTRACTOR'S EXPENSE, AND SHALL BE REPORTED TO THE AIRPORT MANAGER.
6. SEE NAVAID CONSTRUCTION RESPONSIBILITY TABLE ON SHEET A9 FOR VASI, REIL, AND POWER MODIFICATION REQUIREMENTS.

NOTES ON REDUCED-WIDTH OPERATIONS

1. RUNWAY PAVING SHALL BE SEQUENCED WITH OFF-PEAK PAVING TECHNIQUES TO MAINTAIN AIR OPERATIONS ON THE CENTERLINE WITH THE CENTER 75' OF THE RUNWAY OPEN DURING THE DAY.
2. RUNWAY PAVING SHALL OCCUR ONLY AT NIGHT WHEN THE ENTIRE RUNWAY IS CLOSED.
3. CLOSE THE RUNWAY AFTER THE DEPARTURE OF ALASKA AIRLINES FLIGHT 67 AND RE-OPEN NO LATER THAN 7:30 AM THE NEXT MORNING.
4. PRIOR TO RE-OPENING THE RUNWAY, CONSTRUCT TRANSITION RAMPS AS SHOWN ON SHEET A12 TO PROVIDE A TRANSITION BETWEEN THE NEWLY CONSTRUCTED OVERLAY AND THE EXISTING PAVEMENT.
5. EXCEPT AT TAXIWAYS AND AT THE RUNWAY 29 ELEPHANT EAR, THERE WILL BE A 2" GRADE BREAK ALONG THE LONGITUDINAL EDGE OF THE OVERLAY. THIS MEETS THE REQUIREMENTS FOR AN RSA.
6. WHEN THE ACTIVE RUNWAY IS REDUCED TO 75' WIDTH, THE RUNWAY SAFETY AREA (RSA) REMAINS 195' WIDE, THE CLOSED PORTIONS OF THE RUNWAY BECOME RSA.
7. PLACE TEMPORARY STRIPING ON THE NEWLY PLACED PAVEMENT AS SPECIFIED PRIOR TO RE-OPENING THE RUNWAY.
8. THE PRESENCE OF COLD PLANED SURFACES AND PAVEMENT EDGES CARRY THE POTENTIAL FOR FOR EIGN OBJECT DEBRIS (FOD) WHICH IS A HAZARD TO AIRCRAFT. ADEQUATELY CLEAN ALL FOD FROM SURFACES PRIOR TO RE-OPENING THE RUNWAY TO AIR OPERATIONS.
9. ALLOW SUFFICIENT TIME FOR THE NEW PAVEMENT TO COOL PRIOR TO RE-OPENING THE RUNWAY. ALLOW THE PAVEMENT TEMPERATURES AT THE RUNWAY END 29 ELEPHANT EAR TO COOL BELOW 100°F PRIOR TO OPENING RUNWAY.
10. FAILURE TO RE-OPEN THE RUNWAY AS SPECIFIED WILL RESULT IN LIQUIDATED DAMAGES, SEE GCP 80-07.
11. KEEP ALL PEOPLE, EQUIPMENT AND MATERIALS OUTSIDE THE RUNWAY SAFETY AREA WHEN THE ACTIVE RUNWAY IS OPEN TO AIR OPERATIONS.
12. EQUIPMENT WILL NOT BE PERMITTED INSIDE OF ACTIVE MOVEMENT AREAS AND ASSOCIATED SAFETY AREAS.
13. SEE SPECIFICATIONS FOR LIMITATIONS, OPERATIONAL SAFETY REQUIREMENTS, AND TEMPORARY LIGHTING REQUIREMENTS.
14. PROVIDE SUFFICIENT BALLAST ON TEMPORARY LIGHTING CONES TO WITHSTAND JET WASH.
15. CVO'S MUST HAVE VISUAL AND RADIO CONTACT WHEN ON THE ACTIVE MOVEMENT AREA WHEN AN AIRCRAFT IS APPROACHING OR MOVING IN AOA.

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. _____ Date 2/17/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: C:\BIT\69652\ENIC3D PROJECT DATA\SOURCE DWGS\69652_A8-A13_SEQUENCING PLAN CRWA.DWG
PAGNANT, THOMAS D (DOT)
TAB: A8

ADDENDUM NUMBER
ATTACHMENT NUMBER:

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

SEQUENCING PLAN

PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA — 49th — Charles M. Tripp — CE-9613 — REGISTERED PROFESSIONAL ENGINEER — 12/17/13

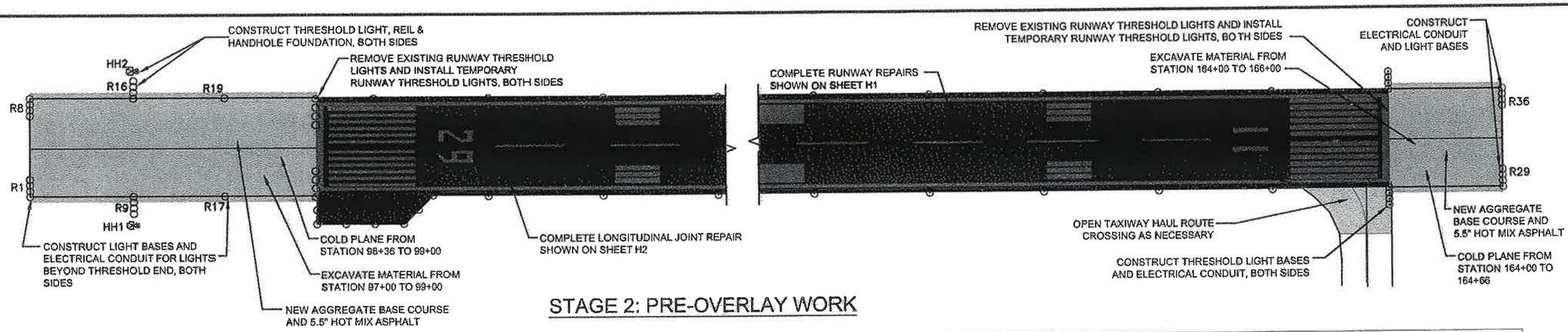
DESIGNED BY: T. FAGNANT
DRAWN BY: T. FAGNANT

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

SEQUENCING PLAN

PROJECT DESIGNATION	
69652/3-02-0268-028-2011 3-02-0268-029-2013	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
A8	49



NOTES:

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ESTIMATED PROJECT MILESTONES

MARCH 15, 2013	SUBMIT MIX DESIGN
FEBRUARY 14, 2013	NOTIFY FAA OF RUNWAY CLOSURE
APRIL 6, 2013	BEGIN NIGHT CLOSURES
MAY 1, 2013	BEGIN REDUCED WIDTH OPERATIONS
MAY 31, 2013	END REDUCED WIDTH OPERATIONS AND OPEN TO FULL WIDTH
JULY 22, 2013	CONSTRUCTION AND TESTING OF VASIS AND REILS IS COMPLETE AND ALL SYSTEMS ARE READY FOR FLIGHT CHECK
JULY 23 - AUGUST 23, 2013	30 DAYS FOR COMPLETION OF FLIGHT CHECK
SEPTEMBER 30, 2013	PROJECT COMPLETION DATE

FAA NOTIFICATIONS & COORDINATION (ALSO SHEET G1):

FAA SHALL BE NOTIFIED A MINIMUM OF 30 DAYS PRIOR TO THEIR REQUIRED ON-SITE INVOLVEMENT. FAA WILL REQUIRE A MINIMUM OF 30 DAYS ON-SITE FOR EACH SYSTEM (VASI, REIL) FOR INSTALLATION AND TESTINIG PRIOR TO THE SYSTEMS BEING READY FOR FLIGHT CHECKS. NOTIFICATIONS OF OUTAGES/NOTAMS, ON-SITE INVOLVEMENT REQUIREMENTS, AND FLIGHT CHECKS SHALL BE PROVIDED TO:

STEVE CORDS, TECHNICAL OPERATIONS PROJECT ENGINEER, ANCHORAGE, 907-271-2893
JAMES BOYD, TECHNICAL OPERATIONS MANAGER, KETCHIKAN, 907-225-4900
RON PHELPS, TECHNICAL OPERATIONS FIELD TECHNICIAN, SITKA, 907-966-2471

LEGEND:

- AREA BEING PAVED
- FINISHED OVERLAY
- EXISTING PAVEMENT - TO REMAIN.
- LIMITED RUNWAY - AREA MUST BE AVAILABLE FOR AIRCRAFT USE AS USERS DEMAND.
- WHITE MARKINGS - TO BE REMOVED.
- RED MARKINGS - TO BE INSTALLED OR EXISTING TO REMAIN.

STAGE 2: PRE-OVERLAY WORK

NAVAID CONSTRUCTION RESPONSIBILITIES (ALSO SHEET G1)

SYSTEM PAY ITEM	FAA	CONTRACTOR	PLAN SHEETS	DETAIL SHEETS
REIL RW 29 L-132A	-INSTALL SYSTEM EQUIPMENT, INCLUDING FLASHERS, ICCS, CONTROLS AND ALL SUPPORT LEGS AND STRUCTURES -TERMINATE ALL CONDUCTORS -STARTUP AND TEST SYSTEM -REMOVE SYSTEM FROM SERVICE AND LOCK OUT POWER SUPPLY -REMOVE SYSTEM EQUIPMENT, INCLUDING FLASHERS, ICCS, CONTROLS, AND ALL SUPPORT LEGS AND STRUCTURES -PROVIDE NOTAMS FOR OUTAGES	-INSTALL NEW FOUNDATIONS, HANDHOLES, UNDERGROUND CONDUIT, AND CONDUCTORS AS SHOWN ON THE DRAWINGS -REMOVE FOUNDATIONS, HANDHOLES, AND CONDUCTORS BACK TO POWER SOURCE	G2-DEMO	G14-G15
VASI RW 29 L-132B	-INSTALL SYSTEM EQUIPMENT, INCLUDING LHAS, CONTROLS, AND ALL SUPPORT LEGS AND STRUCTURES -TERMINATE CONTRACTOR-INSTALLED CONDUCTORS -COMPLETE SYSTEM STARTUP, INCLUDING TESTING, AIMING, FLIGHT CHECK, AND CERTIFICATION -REMOVE SYSTEM FROM SERVICE AND LOCK OUT POWER SUPPLY -REMOVE SYSTEM EQUIPMENT, INCLUDING LHAS, CONTROLS, AND ALL SUPPORT LEGS AND STRUCTURES -PROVIDE NOTAMS FOR OUTAGES	-INSTALL NEW FOUNDATIONS, HANDHOLES, UNDERGROUND CONDUIT, AND CONDUCTORS AS SHOWN ON THE DRAWINGS -REMOVE FOUNDATIONS, HANDHOLES, CONDUIT, AND CONDUCTORS BACK TO POWER SOURCE	G2-DEMO G4-NEW	G12-G13
POWER MODIFICATIONS L-143A	-DISCONNECT AND LOCK OUT POWER SUPPLY AT DOT REGULATOR BUILDING -RECONNECT POWER WHEN INSTALLATION IS COMPLETE	-INSTALL NEW TRANSFORMER, FOUNDATION, DISTRIBUTION PANEL, SUPPORT STRUCTURE, CONDUIT, AND CONDUCTORS AS SHOWN ON THE DRAWINGS -REMOVE VASI/REIL TRANSFORMER, INCLUDING ASSOCIATED FOUNDATION, ENCLOSURE, CONDUIT, AND CONDUCTORS BACK TO MANHOLE -MAKE ALL PRIMARY CONDUCTOR SPLICES AND TERMINATIONS AND PERFORM ALL REQUIRED CONDUCTOR TESTING	G2-DEMO G4-NEW	G11

NOTE: THIS LIST IS INTENDED TO PORTRAY A GENERAL SUMMARY OF THE RESPOSIBILITIES OF THE PARTIES INVOLVED AND MAY NOT INCLUDE: ALL SPECIFIC ASPECTS OF THE WORK REQUIRED.

SEQUENCING PLAN

THIS SEQUENCE REPRESENTS ONE WAY THE PROJECT COULD BE CONSTRUCTED.
HOWEVER, THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEVELOPING THEIR OWN SEQUENCE AND SCHEDULE TO MEET MILESTONE REQUIREMENTS AND PROJECT COMPLETION DATE. SEQUENCE AND SCHEDULE SHALL BE APPROVED BY THE ENGINEER. THE SEQUENCE SHALL BE COORDINATED WITH THE PROJECT PLANS, SPECIFICATIONS, THE SAFETY PLAN OF SPECIFICATION SECTION 80, THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) MEASURES AND OVERALL CONSTRUCTION SCHEDULE. SUBMIT SEQUENCING PLANS FOR APPROVAL FIVE BUSINESS DAYS BEFORE SWPPP SUBMITTAL AND 10 DAYS BEFORE THE PRE-CONSTRUCTION CONFERENCE. CONSTRUCTION SCHEDULE AND SEQUENCE SHALL PROVIDE SUFFICIENT DETAIL TO ADDRESS REQUIRED SUBMITTALS, REVIEW PERIODS, PROCUREMENT OF MATERIALS, CONSTRUCTION WORK, AND FAA COORDINATION REQUIREMENTS ASSOCIATED WITH ALL ITEMS OF WORK. PROVIDE UPDATES FOR APPROVAL BY THE ENGINEER AS WORK PROGRESSES. DEVIATIONS FROM THE APPROVED SCHEDULE REQUIRE APPROVAL BY THE ENGINEER.

A. CONSTRUCT STAGING AREA
B. CONSTRUCT SEAPLANE PULLOUT
C. REMOVE EXISTING REILS AND INSTALL NEW REILS ON RUNWAY 29 END, BY OTHERS.
D. MILL EXISTING PAVEMENT, EXCAVATE MATERIAL, PLACE, GRADE, AND COMPACT ASPHALT AND AGGREGATE BASE COURSE AT RUNWAY ENDS 29 AND 11 BEYOND THRESHOLDS.
E. REMOVE AND INSTALL ELECTRICAL COMPONENTS AT RUNWAY ENDS 29 AND 11.
G. COMPLETE RUNWAY REPAIRS.
H. REPAIR LONGITUDINAL JOINTS
I. PROVIDE POWER, CABLING, AND ALL OTHER WORK REQUIRED FOR TEMPORARY LIGHTING.
J. REDUCE RUNWAY TO CENTER REDUCED WIDTH. PAVE CENTER OF RUNWAY IN PHASES WITH STRIPING, MIILLING, AND TRANSITION RAMPS AS REQUIRED..
K. MILL AND PAVE OUTER PORTIONS OF RUNWAY.
L. INSTALL PERMANENT RUNWAY MARKINGS, ENERGIZE PERMANENT LIGHTING, RELOCATE DISTANCE REMAINING SIGNS, AND REOPEN RUNWAY TO FULL WIDTH
M. PAVE THE RUNWAY SHOULDERS AND TAXIWAYS.
N. CONDUCT FINAL STABILIZATION / EROSION SEDIMENT CONTROL MEASURES. SITE CLEANUP, DEMOBILIZE

THE FOLLOWING MAY BE COMPLETED DURING ANY PHASE OF THE PROJECT, IF THE MILESTONES ARE STILL MET:
A. CONSTRUCT WIND CONE ACCESS ROAD AND INSTALL WIND CONE
B. CONSTRUCT VASI FOUNDATIONS AND INSTALL VASIS

DO NOT SCALE FRO

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. _____ Date 2/19/14

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TAB: A9
FAGNANT, THOMAS D (DOT)

ADDENDUM NUMBER

ATTACHMENT NUMBER:

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

SEQUENCING PLAN

PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA 49th Charles M. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER 12/20/12

DESIGNED BY: T. FAGNANT
DRAWN BY: T. FAGNANT

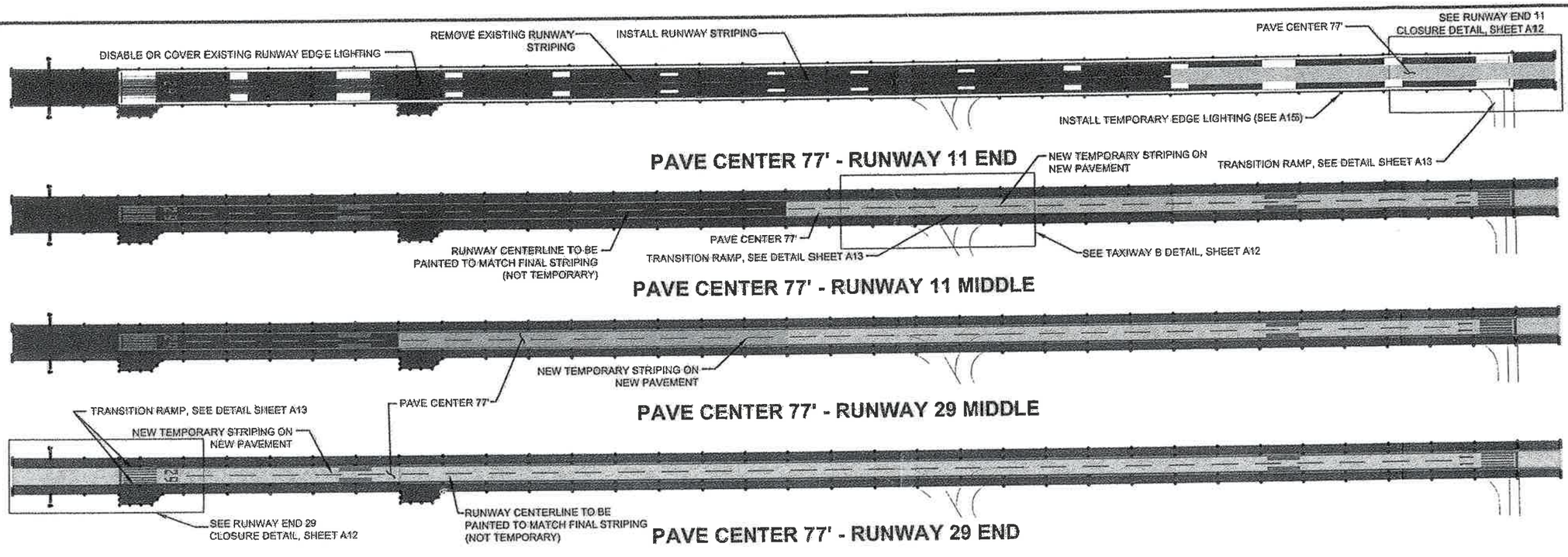
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

SEQUENCING PLAN

PROJECT DESIGNATION
69652/3-02-0268-028-2011
3-02-0268-029-2013

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
A9	49



NOTES:

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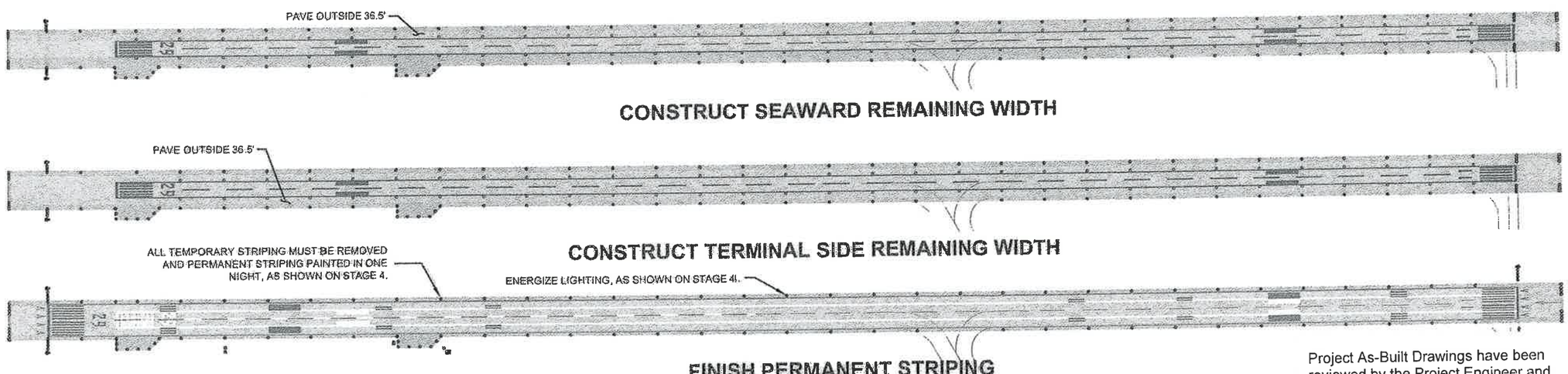
3. TEMPORARY LIGHT WITH ORANGE CONE AND BALLAST SHALL BE RELOCATED DURING PAVEMENT OPERATIONS.
4. EXISTING MARKINGS MAY BE REMOVED BY COLD PLANING AT AREAS OUTSIDE OF AOA IF FOD IS REMOVED AT THE COLD PLANED AREAS.
5. 3,000 FEET OF RUNWAY MUST BE AVAILABLE TO EMERGENCY MEDEVAC FLIGHTS WITHIN ONE HOUR OF NOTIFICATION. SEE SHEET A13 FOR MEDEVAC ARRANGEMENT DETAILS.

LEGEND:

- AREA BEING PAVED THAT SHIFT
- FINISHED OVERLAY
- EXISTING PAVEMENT - TO REMAIN.
- LIMITED RUNWAY - AREA MUST BE AVAILABLE FOR AIRCRAFT USE AS USERS DEMAND.
- WHITE MARKINGS - TO BE REMOVED.
- RED MARKINGS - TO BE INSTALLED OR EXISTING TO REMAIN.

TEMPORARY MARKINGS:

- REMOVE EXISTING MARKINGS AND INSTALL REDUCED WIDTH TEMPORARY MARKINGS FULL LENGTH THE FIRST NIGHT PRIOR TO RE-OPENING THE RUNWAY TO DAYTIME AIR TRAFFIC
- INSTALL TEMPORARY MARKINGS AS CENTER REDUCED WIDTH OVERLAY PROGRESSES
- MAINTAIN CENTER REDUCED WIDTH TEMPORARY MARKINGS UNTIL THE RUNWAY IS PAVED 150' FULL WIDTH AND FULL LENGTH.



STAGE 3: RUNWAY OVERLAY SEQUENCING

DO NOT SCALE

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Proj. Eng. _____ Date 2/19/14

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PRWA DWG
FAGNANT, THOMAS D (DOT)
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ATTACHMENT NUMBER:
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SITKA ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

SEQUENCING PLAN

PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA
Charles M. Tripp
CE-9618
REGISTERED PROFESSIONAL ENGINEER
C. Tripp 1/14/13

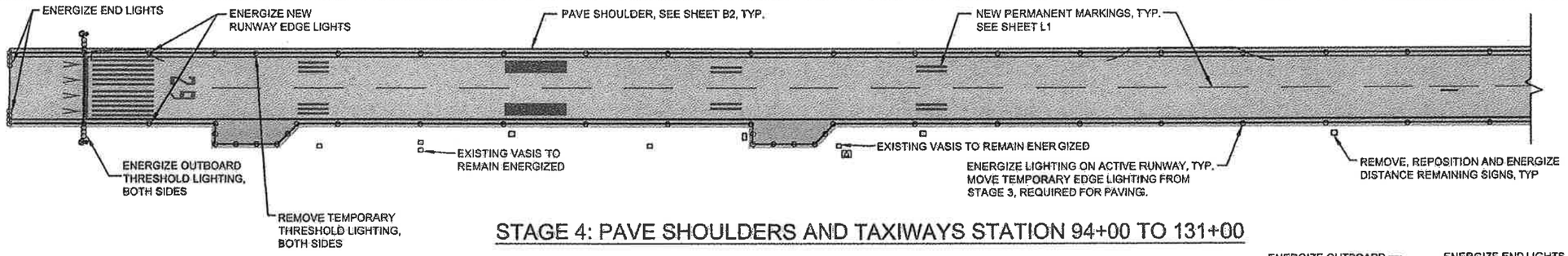
DESIGNED BY: T. FAGNANT
DRAWN BY: T. FAGNANT

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

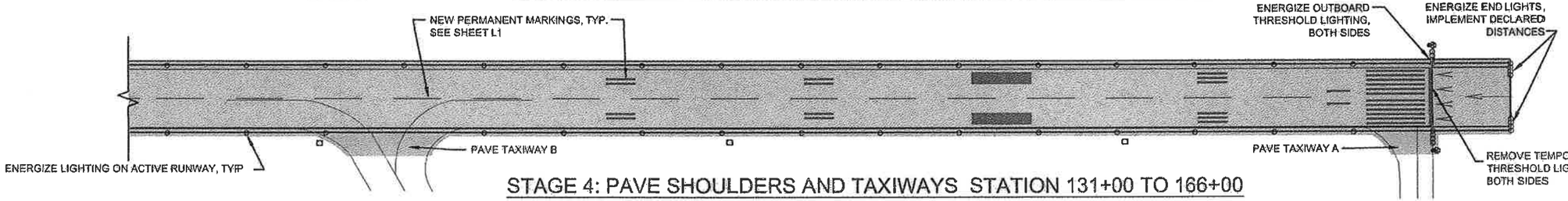
SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

SEQUENCING PLAN

PROJECT DESIGNATION	
69652/3-02-0268-028-2011 3-02-0268-029-2013	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
A10	49



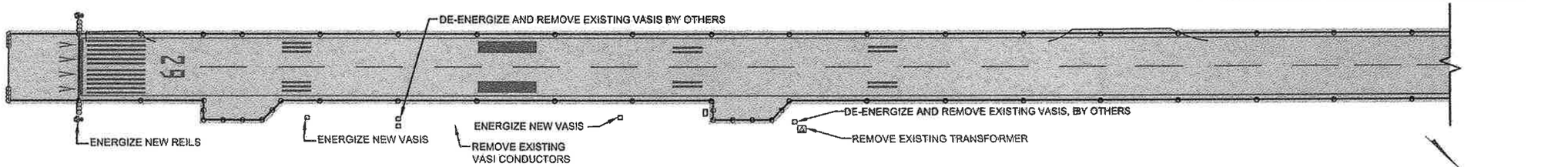
STAGE 4: PAVE SHOULDERS AND TAXIWAYS STATION 94+00 TO 131+00



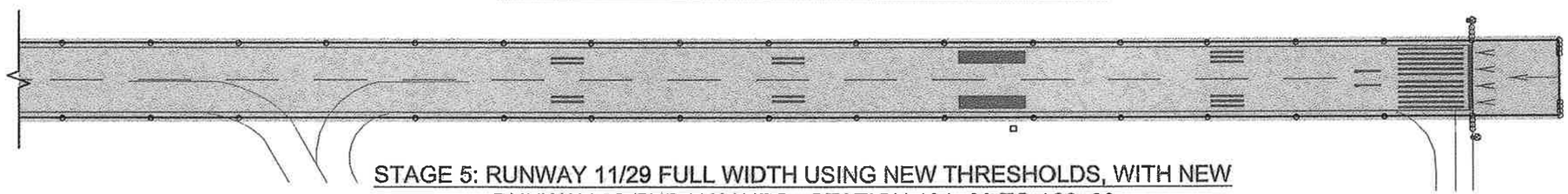
STAGE 4: PAVE SHOULDERS AND TAXIWAYS STATION 131+00 TO 166+00

REMOVE MARKINGS:
- REMOVE ALL TEMPORARY MARKINGS PRIOR TO OPENING RUNWAY TO FULL WIDTH.

PERMANENT MARKINGS:
- INSTALL PERMANENT FULL WIDTH RUNWAY THRESHOLD MARKINGS, APPROACH END MARKINGS, AIMING POINT MARKINGS, CENTERLINE MARKINGS, RUNWAY EDGE MARKING, AND TOUCHD OWN ZONE MARKINGS SEE SHEET L1, L2. A MINIMUM OF ONE COAT OF PAINT FOR ALL PERMANENT MARKINGS MUST BE IN PLACE, AND REMOVE MARKINGS SHOWN MUST BE COMPLETE PRIOR TO OPENING RUNWAY TO FULL WIDTH.
- INSTALL TAXIWAY INTERSECTION MARKINGS, SEE SHEET L2.



STAGE 5: RUNWAY 11/29 FULL WIDTH USING NEW THRESHOLDS, WITH NEW RUNWAY 29 END NAVAIDS. STATION 94+00 TO 131+00



STAGE 5: RUNWAY 11/29 FULL WIDTH USING NEW THRESHOLDS, WITH NEW RUNWAY 29 END NAVAIDS. STATION 131+00 TO 166+00

LEGEND:

- AREA BEING PAVED
- FINISHED OVERLAY
- EXISTING PAVEMENT - TO REMAIN.
- LIMITED RUNWAY - AREA MUST BE AVAILABLE FOR AIRCRAFT USE AS USERS DEMAND.
- WHITE MARKINGS - TO BE REMOVED.
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NOTES:

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3. COORDINATE WITH FAA TO PERFORM A FLIGHT CHECK AFTER FINAL THRESHOLD BAR AND CENTERLINE MARKINGS ARE IN PLACE, PRIOR TO ENERGIZING REILS AND VASIS.

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. _____ Date 2/17/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: C:\SIT\69652\ENI\C3D PROJECT DATA\SOURCE DWGS\69652_A8-A13_SEQUENCING PLAN CRWA.DWG
FAGNANT, THOMAS D (DOT)
TAB: A11

ADDENDUM NUMBER

ATTACHMENT NUMBER:

RECORD OF REVISIONS

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11/29 RUNWAY OVERLAY
PROJECT #69652

SEQUENCING PLAN

PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA 49th Charles M. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER
12/20/12

DESIGNED BY: T. FAGNANT
DRAWN BY: T. FAGNANT

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

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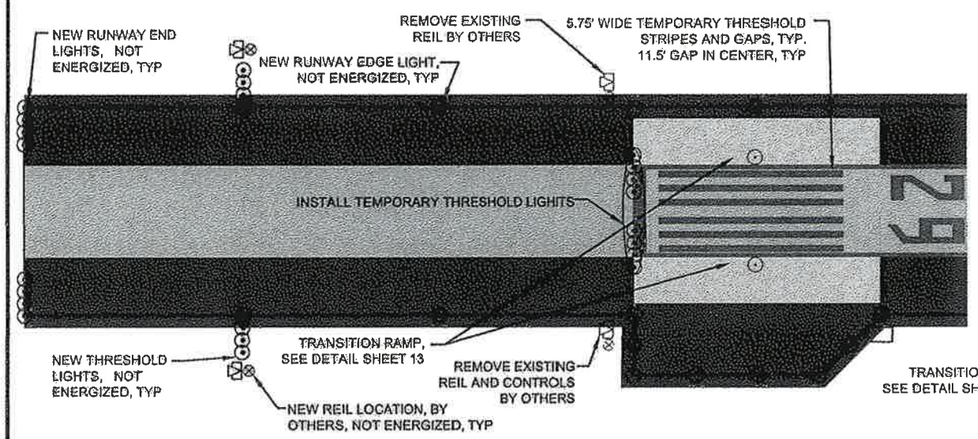
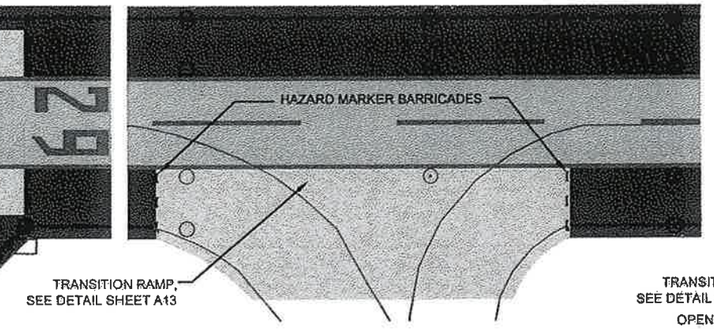
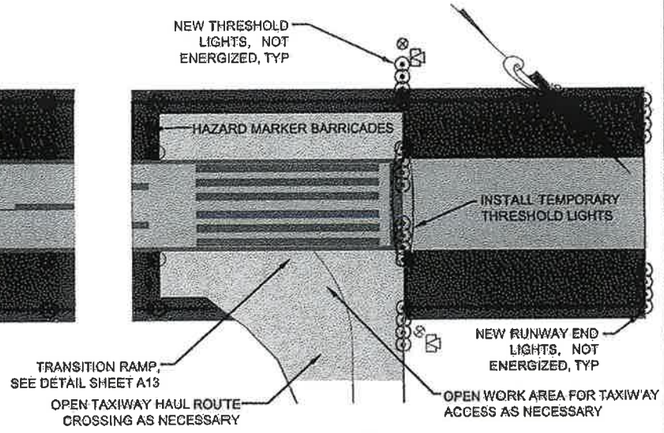
PROJECT DESIGNATION	
69652/3-02-0268-028-2011 3-02-0268-029-2013	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
A11	49



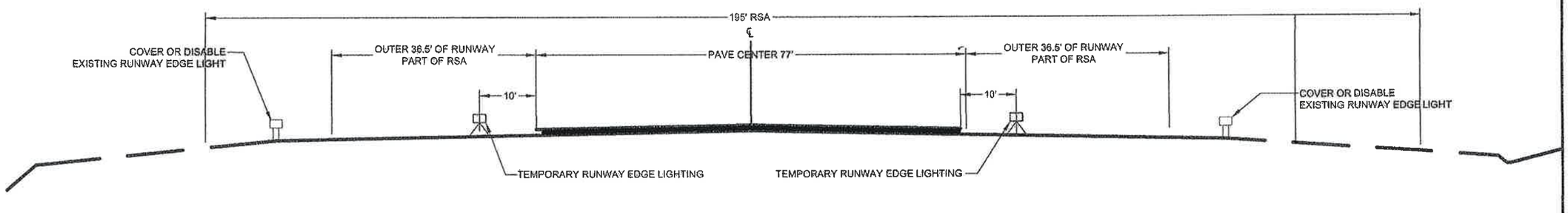
RUNWAY END 29 REDUCED WIDTH DETAIL



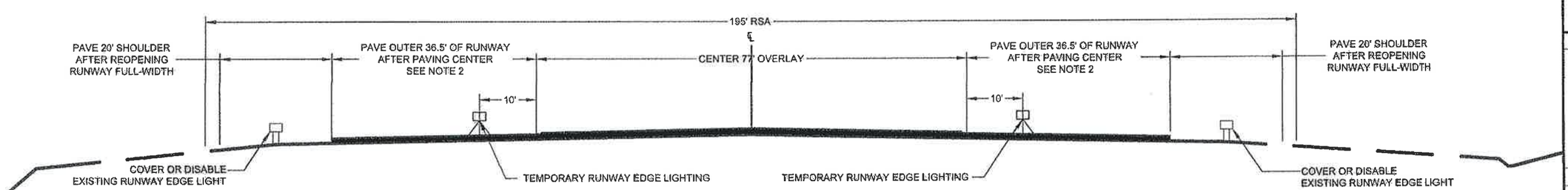
TAXIWAY B REDUCED WIDTH DETAIL



RUNWAY END 11 REDUCED WIDTH DETAIL



PAVE CENTER 77' OF RUNWAY



PAVE REMAINING WIDTH OF RUNWAY

LEGEND:

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- EXISTING PAVEMENT - TO REMAIN.
- LIMITED RUNWAY - AREA MUST BE AVAILABLE FOR AIRCRAFT USE AS USERS DEMAND.
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NOTES:

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2. PAVE SHOULDERS AND TAXIWAYS AFTER RE-OPENING THE RUNWAY FULL WIDTH.
3. MAINTAIN AT LEAST ONE TAXIWAY OPEN TO ACCESS. SEE DETAIL SHEET A14 FOR TEMPORARY TAXIWAY CLOSURE.
4. COVER OR DISABLE RUNWAY EDGE LIGHTS BOTH SIDES OF THE RUNWAY.

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. _____ Date 2/17/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\SIT\69652\ENVC3D PROJECT DATA\SOURCE DWGS\69652_A8-A13_SEQUENCING PLAN CRWA.DWG
PAGNANT, THOMAS D (DOT)
TAB: A12

ADDENDUM NUMBER

ATTACHMENT NUMBER:

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

SEQUENCING PLAN

PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA 49th Charles M. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER 12/17/12

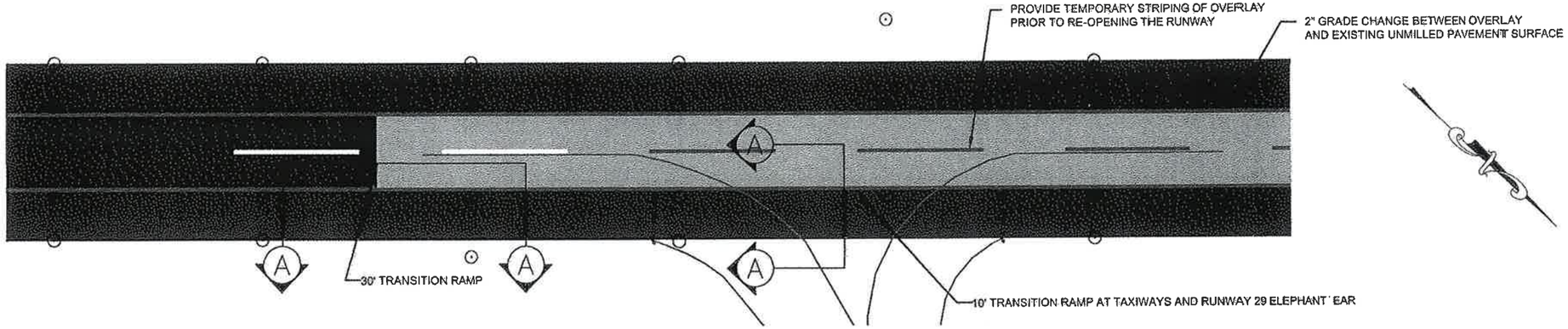
DESIGNED BY: T. FAGNANT
DRAWN BY: T. FAGNANT

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

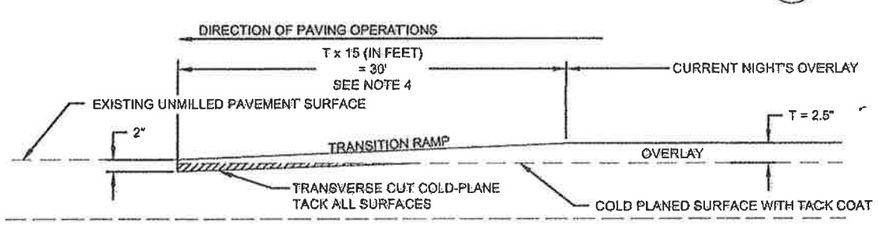
SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

SEQUENCING PLAN

PROJECT DESIGNATION	
69652/3-02-0268-028-2011 3-02-0268-029-2013	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
A12	49

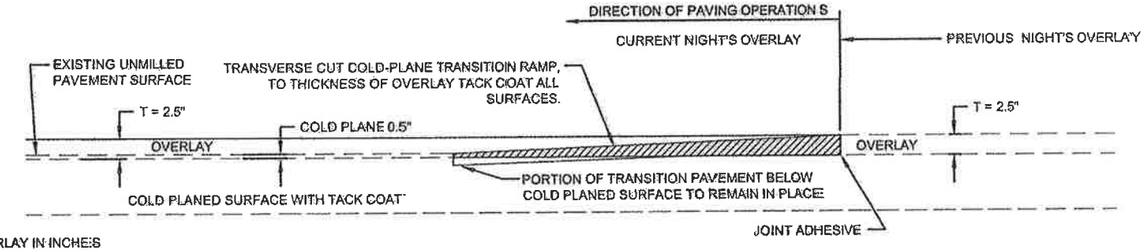


1 RUNWAY TRANSITION RAMP DETAIL



T = THICKNESS OF OVERLAY IN INCHES

A-A RUNWAY TRANSITION RAMP INSTALLATION DETAIL



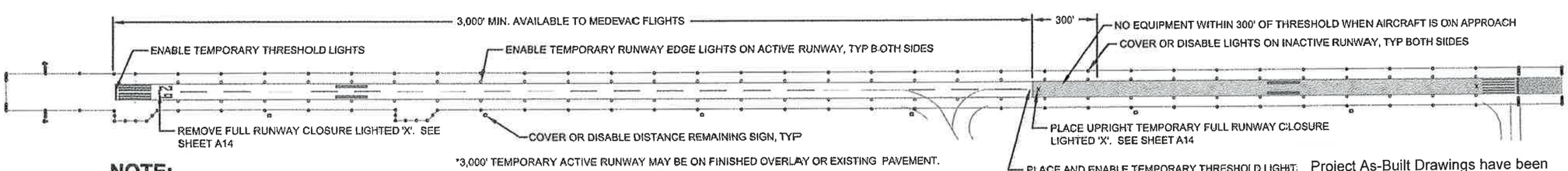
A-A RUNWAY TRANSITION RAMP REMOVAL DETAIL

NOTES:

1. SHEETS A8 - A13 ARE INTENDED TO BE VIEWED IN COLOR & PLOTTED WITH TRANSPARENCY. CONITACT THE ENGINEER FOR INSTRUCTIONS ON ACQUIRING COLOR COPIES.
2. SHADING INTENDED ONLY FOR RUNWAY AND TAXIWAY AREAS. WORK CAN BE PERFORMED ANYTIME OUTSIDE THE RUNWAY AND TAXIWAY, IN ACCORDANCE WITH SECTION 80, THE CSPP AND THE APPROVED SPCD.
3. COLD PLANE ONLY AS FAR AS CAN BE PAVED IN A SHIFT.
4. LENGTH OF TRANSITION RAMP FOR EACH INCH OF GRADE CHANGE:
   - 15 FEET FOR GRADE CHANGE WITH EDGE PERPENDICULAR TO RUNWAY AXIS
   - 5 FEET FOR GRADE CHANGE WITH EDGE PARALLEL TO RUNWAY AXIS
5. REMOVE ALL FOREIGN OBJECT DEBRIS (FOD) PRIOR TO RE-OPENING RUNWAY TO AIR TRAFFIC.
6. MAINTAIN ENOUGH HOT MIX ASPHALT IN PRODUCTION QUEUE TO CONSTRUCT ALL THE TRANSITION RAMPS NECESSARY TO OPEN RUNWAY TO AIR TRAFFIC IN THE EVENT OF AN ASPHALT PLANT MALFUNCTION.

LEGEND:

- AREA BEING PAVED
- FINISHED OVERLAY
- EXISTING PAVEMENT - TO REMAIN.
- LIMITED RUNWAY - AREA MUST BE AVAILABLE FOR AIRCRAFT USE AS USERS DEMAND.
- WHITE MARKINGS - TO BE REMOVED.
- RED MARKINGS - TO BE INSTALLED OR EXISTING TO REMAIN.



*3,000' TEMPORARY ACTIVE RUNWAY MAY BE ON FINISHED OVERLAY OR EXISTING PAVEMENT.

NOTE:

DURING STAGES 1 AND 2, THE RUNWAY WILL BE FULL WIDTH

2 MEDEVAC RUNWAY OPENING DETAIL

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. _____ Date 2/17/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\9IT\69652\ENG\3D PROJECT DATA\SOURCE DWGS\69652_A8-A13_SEQUENCING PLAN CRWA.DWG
FAGNANT, THOMAS D (DOT)
TAB: A13

ADDENDUM NUMBER

ATTACHMENT NUMBER:

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SEQUENCING PLAN

SITKA ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA 49th Charles M. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER 12/20/13

DESIGNED BY: T. FAGNANT

DRAWN BY: T. FAGNANT

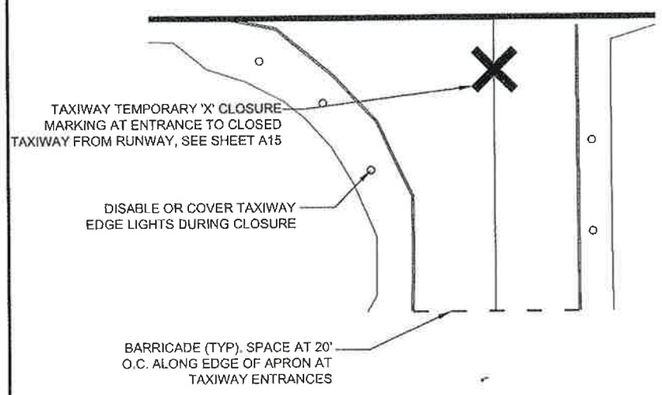
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

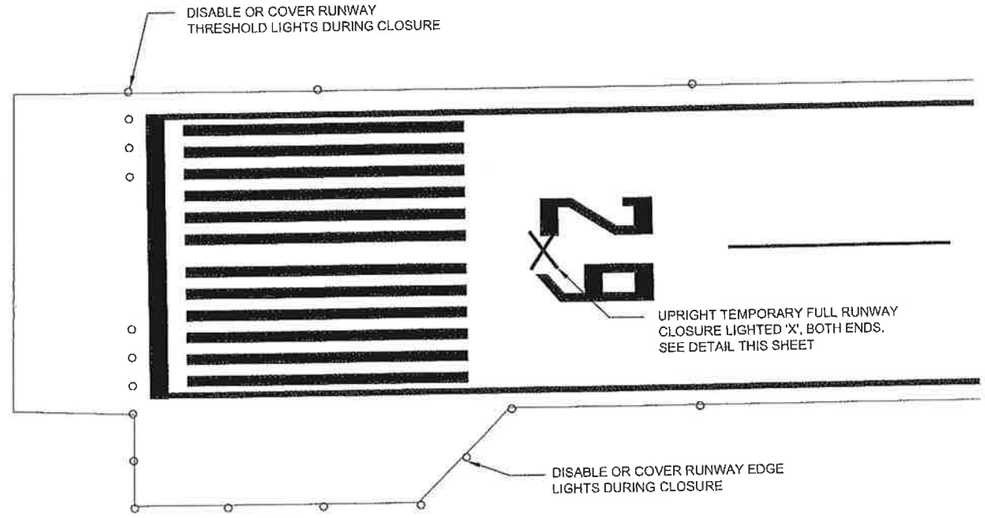
SEQUENCING PLAN

PROJECT DESIGNATION
69652/3-02-0268-028-2011
3-02-0268-029-2013

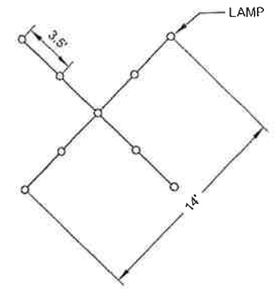
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
A13	49



TEMPORARY TAXIWAY CLOSURE TYPICAL

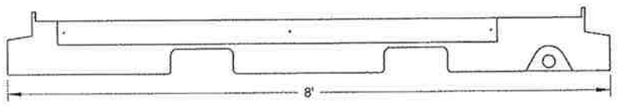


TEMPORARY FULL RUNWAY CLOSURE

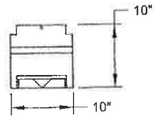


TEMPORARY FULL RUNWAY CLOSURE LIGHTED VISUAL AID

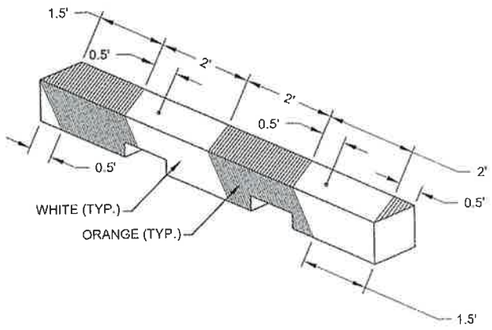
1. REFER TO AC 150/5345-55 FOR DETAILS AND SPECIFICATIONS FOR LIGHTED 'X'.
2. CROSSES SHALL HAVE A MEANS FOR ADJUSTING AND LEVELING TO ALLOW TILTING TO AN OPTIMUM ANGLE OF 5 DEGREES FROM VERTICAL.
3. PLACE CROSSES AT EACH END OF THE CLOSED RUNWAY ON THE RUNWAY CENTERLINE AT THE RUNWAY DESIGNATION NUMBERS.
4. LIGHTED "X" MARKINGS ARE FOR FULL CLOSURES ONLY AND MUST BE COMPLETELY REMOVED FROM THE RUNWAY AND SAFETY AREAS PRIOR TO ANY NIGHTTIME EMERGENCY ARRIVAL OR DEPARTURE.



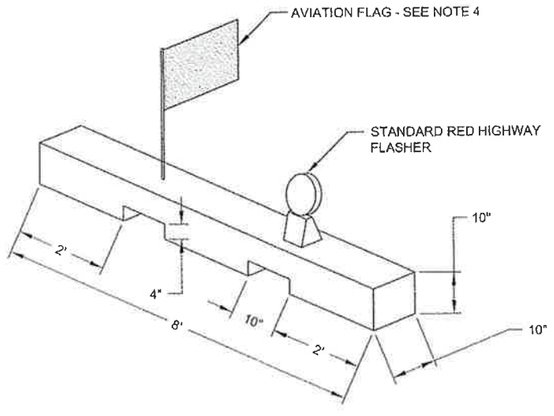
HAZARD MARKER BARRICADE
ELEVATION VIEW



HAZARD MARKER BARRICADE
SIDE VIEW



HAZARD MARKER BARRICADE
STRIPING DETAIL



HAZARD MARKER BARRICADE
PREPARATION OF FLAG & FLASHER MOUNT DETAIL

HAZARD MARKER BARRICADE DETAIL

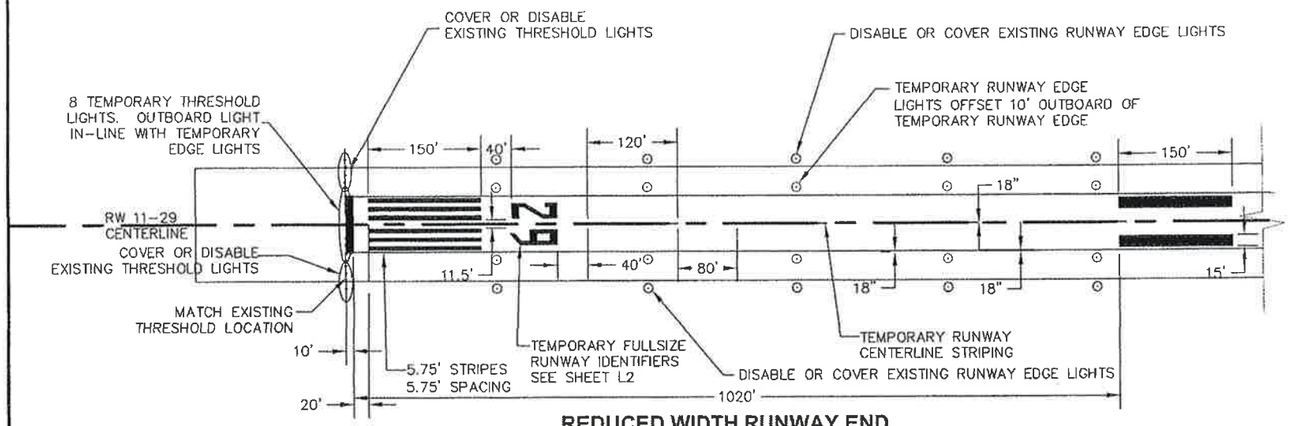
NOTES:
1. BARRICADES SHALL BE IN PLACE TO LIMIT ACCESS TO THE CLOSED PORTION OF THE RUNWAY/TAXIWAY.
2. BARRICADES SHALL BE OF THE LOW STYLE (LESS THAN 10" HIGH) WHEN USED ADJACENT TO AN ACTIVE MOVEMENT AREA). MAXIMUM SPACING SHALL BE 20 FEET O.C.
3. THESE BARRICADES SHALL BE DELINEATED AS SHOWN IN THE FIGURE.
4. FLAGS SHALL ALTERNATE COLOR (ORANGE/WHITE) ON EACH BARRIER AS THEY ARE PLACED IN THE AIRPORT OPERATIONS AREA, IN SEQUENCE.
5. ANCHOR BARRICADES TO RESIST JET BLAST.

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. [signature] Date 2/17/14

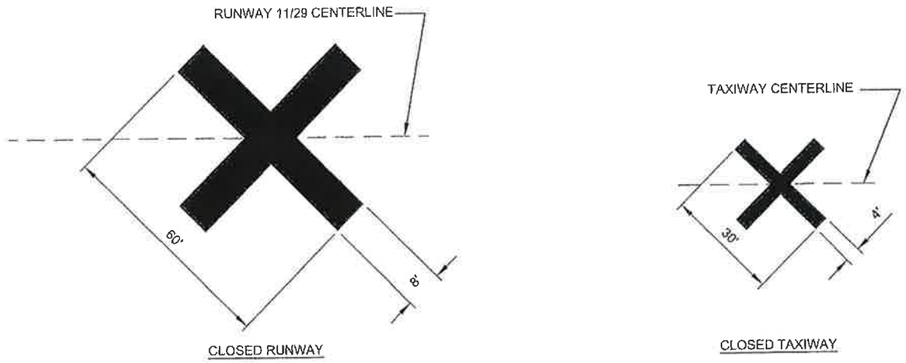
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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 12/17/13	SITKA ROCKY GUTIERREZ AIRPORT 11/29 RUNWAY OVERLAY PROJECT #69652 **CONSTRUCTION SAFETY & PHASING PLAN DETAILS**
DESIGNED BY: T. FAGNANT	
DRAWN BY: T. FAGNANT	
PATH: Q:\SIT\69652\ENI\C3D PROJECT DATA\SOURCE DWGS\69652_A SAFETY -CENTER HALF PHASING.DWG	
TAB: A14	FAGNANT, THOMAS D (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			69652/3-02-0268-028-2011 3-02-0268-029-2013	2012	A14	49



REDUCED WIDTH RUNWAY END LIGHTING AND MARKING TYPICAL



TEMPORARY "X" CLOSURE MARKING

CROSSES SHALL BE YELLOW, CONSTRUCTED OF PLASTIC OR WOOD AND WEIGHTED DOWN SO AS TO NOT BE MOVED BY WIND, PROP WASH OR JET BLAST. WEIGHTS SHALL BE THE SAME COLOR AS THE MARKING.

SAFETY PLAN NOTES:

1. PHYSICALLY REMOVE ALL RUNWAY PAINTED MARKINGS THAT ARE NO LONGER NEEDED BY SAND BLASTING, CHEMICAL REMOVER OR BY OTHER MEANS. PAINTING OVER OR OTHERWISE MASKING TEMPORARY MARKINGS IS STRICTLY FORBIDDEN.
2. DISABLE AND PREVENT THE OPERATION OF RUNWAY EDGE LIGHTS, RUNWAY THRESHOLD LIGHTS, TAXIWAY EDGE LIGHTS, AND REILS WHICH FUNCTION TO IDENTIFY A CLOSED PORTION OF THE RUNWAY OR TAXIWAY.
3. AIRPORT MARKINGS MUST BE CLEARLY VISIBILE TO PILOTS, CONCISE AND NOT MISLEADING, CONFUSING OR DECEPTIVE. TEMPORARY MARKINGS MUST BE PAINTED TO PREVENT MOVEMENT FROM PROP WASH, JET BLAST, WING VORTICES, WIND CURRENTS OR WIND AND RAIN STORM SURGES. CONSTRUCTION MATERIALS MUST BE SUFFICIENT TO MINIMIZE DAMAGE TO AIRCRAFT THROUGH INADVERTENT CONTACT. TEMPORARY MARKINGS MUST BE MONITORED FREQUENTLY AND IMMEDIATE ACTION TAKEN TO CORRECT IMPROPER ASPECTS.
4. PROVIDE SUFFICIENT BALLAST OR ANCHORING OF TEMPORARY LIGHTING TO WITHSTAND JET BLAST. SAND BAGS OR OTHER BALLAST MATERIALS MUST BE BLACK.

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. _____ Date 2/11/14

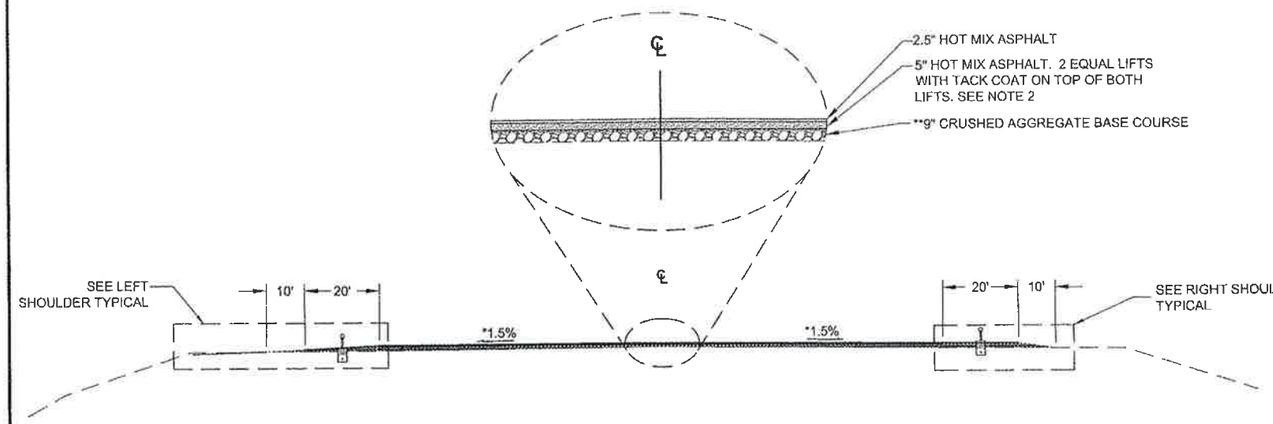
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. TRIPP	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION
DESIGNED BY: T. FAGNANT	SITKA ROCKY GUTIERREZ AIRPORT 11/29 RUNWAY OVERLAY PROJECT #69652
DRAWN BY: T. FAGNANT	**CONSTRUCTION SAFETY & PHASING PLAN DETAILS**

Charles N. Tripp, PE, CE-9613, 12/12/12

PATH: Q:\SIT\69652\ENI\C3D PROJECT DATA\SOURCE DWGS\69652_A SAFETY -CENTER HALF PHASING.DWG
TAB: A15
FAGNANT, THOMAS D (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			69652/3-02-0268-028-2011 3-02-0268-029-2013	2012	A15	49



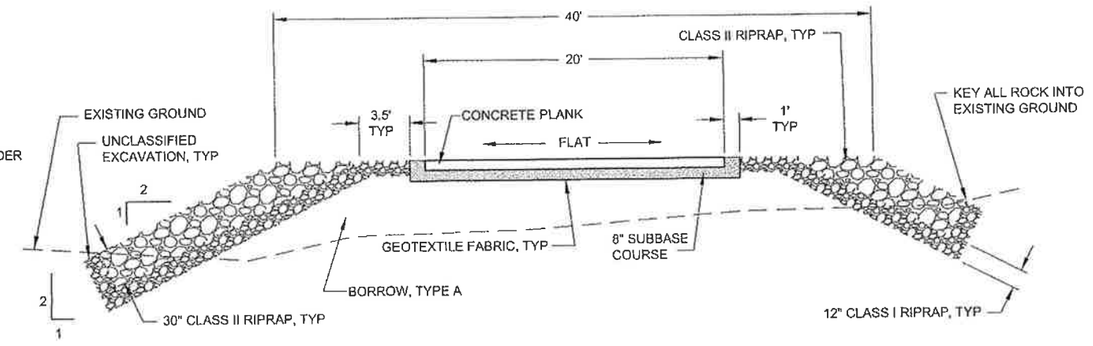
1 PROPOSED RUNWAY PAVEMENT EXTENSION

"O" STA 94+00 TO STA 99+00

N.T.S

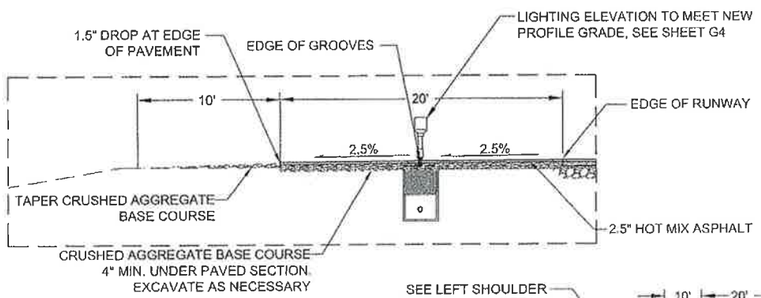
*190' TRANSITION FROM 1.5% TO MATCHING EXISTING FROM STA 97+10 TO 99+00

**CRUSHED AGGREGATE BASE COURSE DEPTH WILL VARY FROM APPROXIMATELY 8" TO 19". SEE PROFILE ON SHEET E3



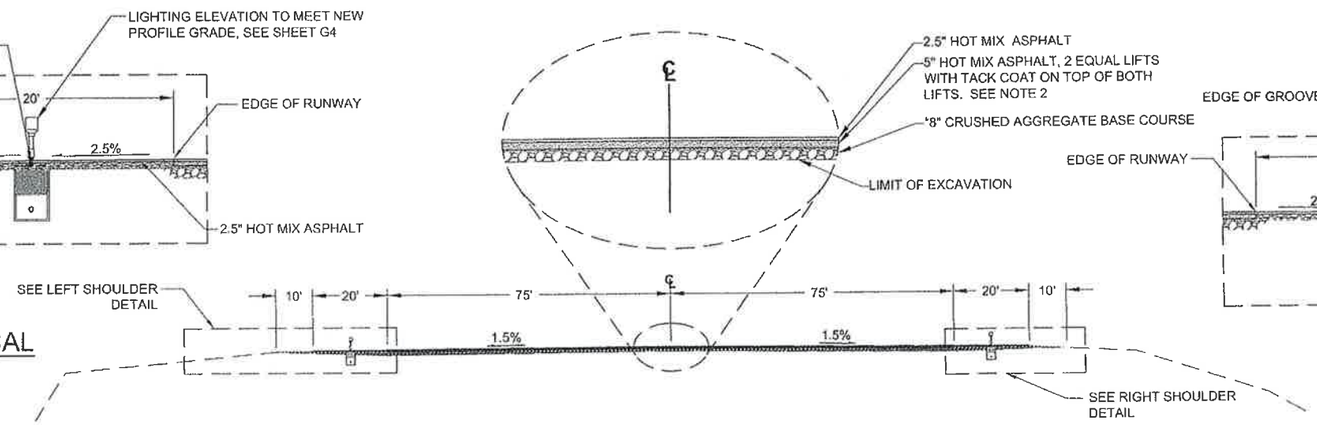
2 SEAPLANE PULLOUT

"S" STA 0+00 to STA 2+00



3 LEFT SHOULDER TYPICAL

N.T.S.



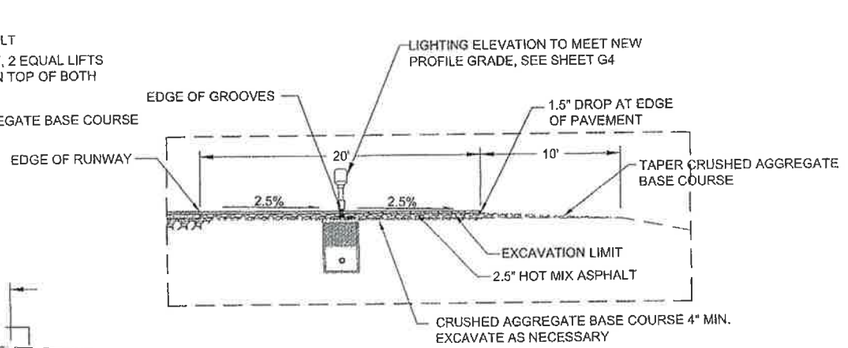
4 PROPOSED RUNWAY PAVEMENT EXTENSION

"O" STA 164+00 TO STA 166+00

N.T.S.

*190' TRANSITION FROM MATCHING EXISTING TO 1.5% FROM 164+00 TO 166+00

**CRUSHED AGGREGATE BASE COURSE DEPTH WILL VARY FROM APPROXIMATELY 8" TO 14". SEE PROFILE ON SHEET E3



5 RIGHT SHOULDER TYPICAL

N.T.S.

NOTE:

1. RUNWAY AND SHOULDERS SHALL BE COLD PLANED FULL DEPTH (ESTIMATED 2") FROM 98+36 TO 99+00 AND FROM 164+00 TO 164+66 PRIOR TO OVERLAY, REMOVING ALL ASPHALT IN THAT AREA (TO BE PAID FOR UNDER P-162)
2. 5" NET HOT MIX ASPHALT - MATCH EXISTING PAVEMENT (5.5±"). COLD PLANE 0.5" AT SAME TIME EXISTING PAVEMENT IS COLD PLANED TO AVOID VERTICAL EDGE.
3. GROOVE RUNWAY FROM STATION 94+00 TO 99+00 AND FROM 164+00 TO 166+00

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

Proj. Eng. [signature] Date 2/17/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. TRIPP

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

12/17/12

DESIGNED BY: T. FAGNANT

DRAWN BY: T. FAGNANT

PATH: Q:\SITI\69652\ENIC3D PROJECT DATA\SOURCE DWGS\69652_B_TYP.DWG

TAB: B1

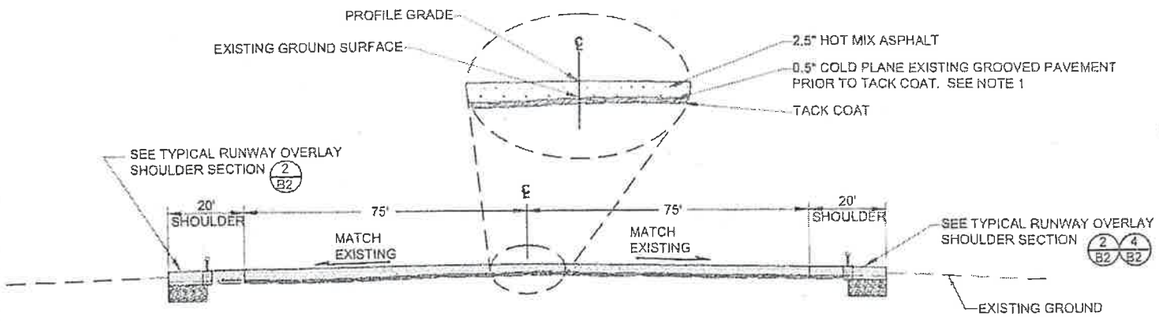
FAGNANT, THOMAS D (DOT)

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

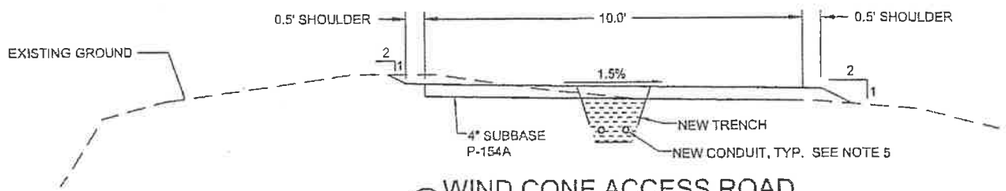
TYPICAL SECTIONS

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO	TOTAL SHEETS
			69652/3-02-0268-028-2011 3-02-0268-029-2013	2012	B1	49



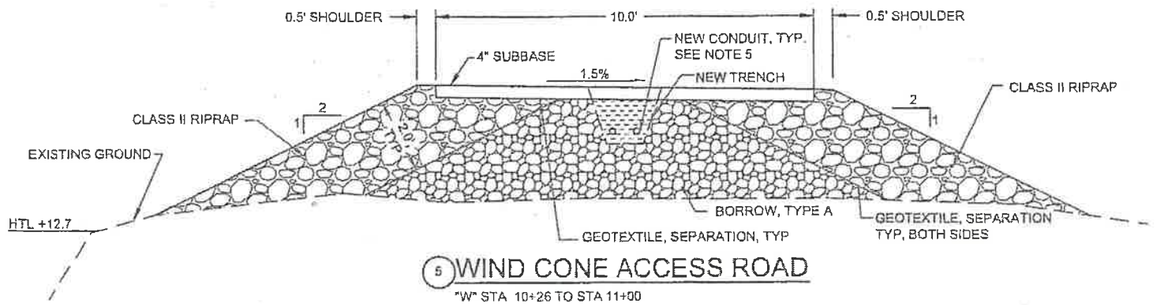
1 TYPICAL RUNWAY OVERLAY SECTION

"O" STA 99+00 TO STA 164+00
N.T.S.



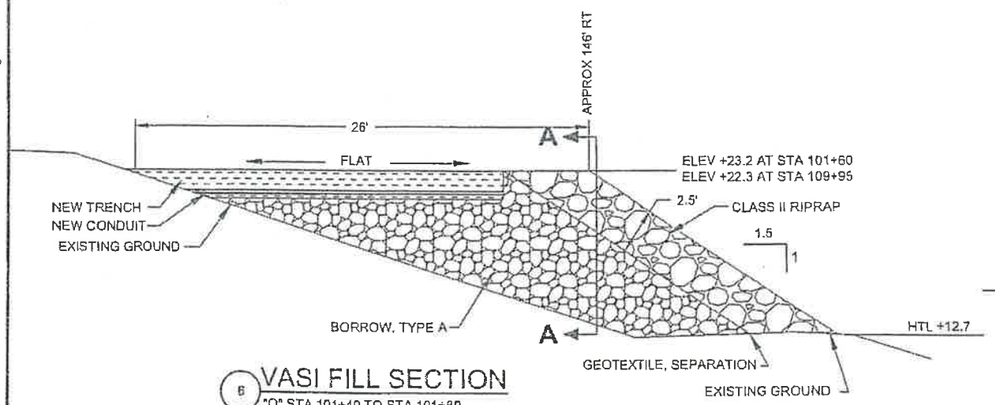
3 WIND CONE ACCESS ROAD

"W" STA 10+00 TO STA 10+26
"W" STA 11+00 TO STA 11+82



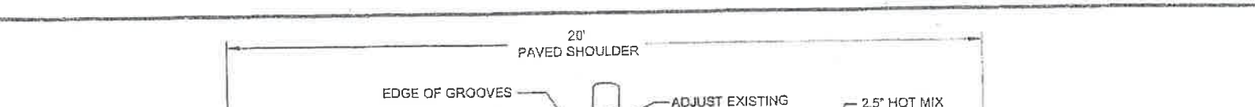
5 WIND CONE ACCESS ROAD

"W" STA 10+26 TO STA 11+00



6 VASI FILL SECTION

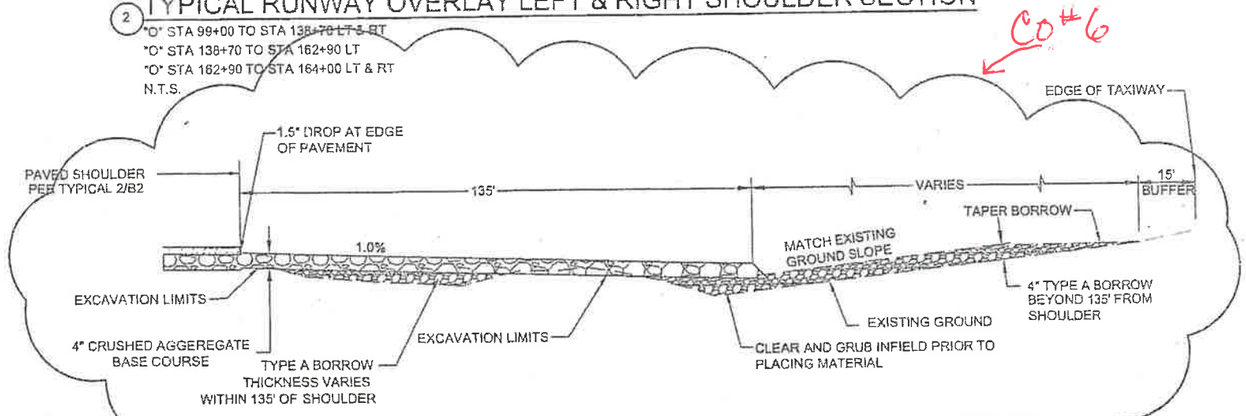
"O" STA 101+40 TO STA 101+60
"O" STA 109+75 TO STA 110+10



2 TYPICAL RUNWAY OVERLAY LEFT & RIGHT SHOULDER SECTION

"O" STA 99+00 TO STA 138+70 LT & RT
"O" STA 138+70 TO STA 162+90 LT
"O" STA 162+90 TO STA 164+00 LT & RT
N.T.S.

CO#6

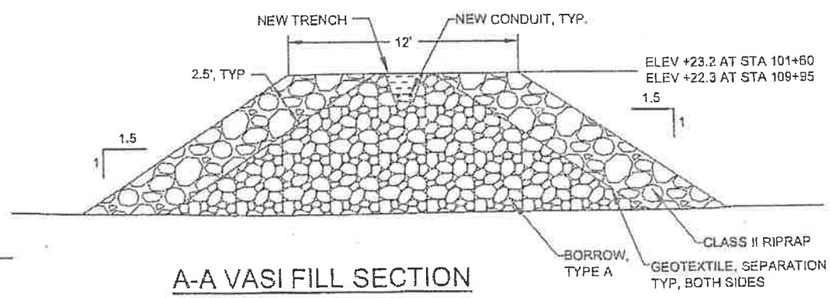


4 TYPICAL RUNWAY OVERLAY RIGHT SHOULDER AT INFIELD SECTION

"O" STA 138+70 TO STA 162+90 RT
N.T.S.

NOTES:

1. RUNWAY, INCLUDING ELEPHANT EARS, SHALL BE COLD PLANED 0.5" PRIOR TO OVERLAY, REMOVING GROOVES
2. REPAIR ALL CRACKS AS DIRECTED PRIOR TO OVERLAY, SEE SHEET H2.
3. IN AREAS WHERE THERE IS FATIGUE CRACKING ON SHOULDERS, COLD PLANE CRACKED SHOULDER PAVEMENT FULL DEPTH (APPROXIMATELY 2")
4. FOR PAVEMENT GROOVING DETAILS, SEE SHEET H1.
5. DO NOT EXPOSE CONDUIT. IF CONDUIT IS OUTSIDE ROAD PRISM DUE TO ROCK SURFACE, IT MUST BE ENCASED WITH A MINIMUM COVER OF 4 INCHES OF CONCRETE, AND NOT BE LESS THAN 6 INCHES BEYOND THE UNDERGROUND INSTALLATION.
6. LOCATE UTILITIES PRIOR TO BLASTING AND CLEARING AND GRUBBING.
7. FOR VASI DETAILS, SEE SHEETS G12 & G13
8. GROOVE RUNWAY FROM STATION 99+00 TO 164+00



A-A VASI FILL SECTION

"O" STA 101+40 TO STA 101+60
"O" STA 109+75 TO STA 110+10

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. [signature] Date 2/17/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. TRIPP
DESIGNED BY: T. FAGNANT
DRAWN BY: T. FAGNANT

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

TYPICAL SECTIONS

PATH: Q:\SIT\69652\ENGD\3D PROJECT DATA\SOURCE DWGS\69652_B_TYP MODIFICATION 20130506.DWG
TAB: B2
TRIPP, CHARLES M (DOT)

REVISIONS NO	DATE	DESCRIPTION
1	5/7/13	Infield typ.

PROJECT DESIGNATION: 69652/3-02-0268-028-2011, 3-02-0268-029-2013
YEAR: 2012
SHEET NO: B2
TOTAL SHEETS: 49

ESTIMATE OF QUANTITIES

SITKA AIRPORT RUNWAY OVERLAY

ITEM NUMBER	PAY ITEM	PAY UNIT	3-02-0268-28-2011	3-02-0268-29-2013	TOTAL QUANTITY	Actual
G-100A	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D	1
G-115A	WORKER MEALS AND LODGING, OR PER DIEM	LUMP SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D	1
G-130G	NUCLEAR TESTING EQUIPMENT STORAGE SHED	EACH	1	0	1	1
G-131A	ENGINEERING TRANSPORTATION (TRUCK)	EACH	1	0	1	2
G-131F	ENGINEERING TRANSPORTATION (SUV)	EACH	1	0	1	2
G-135A	CONSTRUCTION SURVEYING BY THE CONTRACTOR	LUMP SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D	1
G-135C	MONUMENTS BY THE CONTRACTOR	LUMP SUM	ALL REQ'D	0	ALL REQ'D	1
G-200A	CONTRACTOR QUALITY CONTROL PROGRAM	LUMP SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D	1
G-200B	QUALITY CONTROL PROGRAM ADMINISTRATOR	LUMP SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D	1
G-200C	QUALITY CONTROL TECHNICIAN	LUMP SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D	1
G-300A	CPM SCHEDULING	LUMP SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D	1
G-700A	AIRPORT FLAGGER	CONTINGENT SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D	1
G-700B	AIRPORT TRAFFIC MAINTENANCE	LUMP SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D	1
G-700C	MEDEVAC RUNWAY OPENING	LUMP SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D	1
L-100C	HIGH INTENSITY RUNWAY EDGE AND THRESHOLD LIGHT, L-862 & L-862E	EACH	34	0	34	34
L-100C(1)	HIGH INTENSITY RUNWAY EDGE LIGHT, L-862 (FIXTURE REPLACEMENT)	EACH	0	67	67	76
L-100H	REMOVE RUNWAY AND TAXIWAY LIGHT	EACH	16	67	83	83
L-100N	AIRPORT SIGN, TYPE L-858	EACH	6	0	6	6
L-100P	HANDHOLE, L-867, SIZE B	EACH	4	2	6	4
L-100R	TEMPORARY RUNWAY LIGHTING SYSTEM	LUMP SUM	ALL REQ'D	0	ALL REQ'D	
L-107A	8-FOOT LIGHTED WIND CONE, IN PLACE	EACH	1	0	1	1
L-107B	12-FOOT LIGHTED WIND CONE, IN PLACE	EACH	0	1	1	1
L-108A	UNDERGROUND CABLE 6 AWG, COPPER, 5 KV FAA TYPE "C", L-824	LINEAR FOOT	3500	0	3500	3418
L-108C	#6 BARE COPPER GROUND CONDUCTOR	LINEAR FOOT	2800	0	2800	2800
L-108E	UNDERGROUND CABLE 8 AWG, COPPER, 600V, TYPE XHHW	LINEAR FOOT	4510	390	4900	4652
L-110G	2-INCH HDPE CONDUIT	LINEAR FOOT	4280	130	4410	3,728.4
L-132A	RELOCATE APPROACH LIGHTING AIDS - REIL, RW 29	LUMP SUM	ALL REQ'D	0	ALL REQ'D	1
L-132B	RELOCATE APPROACH LIGHTING AIDS -VASI, RW 29	LUMP SUM	ALL REQ'D	0	ALL REQ'D	1
L-143A	POWER DISTRIBUTION MODIFICATIONS	LUMP SUM	ALL REQ'D	0	ALL REQ'D	1
M-420A	SEAPLANE PULLOUT	LUMP SUM	ALL REQ'D	0	ALL REQ'D	1
P-151C	CLEARING AND GRUBBING	ACRE	0	15	15	16.534
P-152A	UNCLASSIFIED EXCAVATION	CUBIC YARD	1500	2900	4400	7,942.7
P-152B	ROCK EXCAVATION	CUBIC YARD	0	400	400	11,284.0
P-152I.1	BORROW, TYPE A	TON	1500	19000	20500	24,733.6
P-154B	SUBBASE COURSE	TON	250	0	250	247.1
P-157A	EROSION, SEDIMENT, AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D	1
P-157C	TEMPORARY EROSION, SEDIMENT, AND POLLUTION CONTROL	LUMP SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D	1
P-157D	TEMPORARY EROSION, SEDIMENT, AND POLLUTION CONTROL ADDITIVES	CONTINGENT SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D	1
P-157F	WITHHOLDING	CONTINGENT SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D	1
P-157G	SWPPP MANAGER	LUMP SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D	1
P-157H	SILT CONTAINMENT BOOM	LUMP SUM	ALL REQ'D	0	ALL REQ'D	1
P-162A	PAVEMENT COLD PLANING	LUMP SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D	1
P-180A (CLASS I)	RIPRAP, CLASS I	TON	580	0	580	593.4
P-180A (CLASS II)	RIPRAP, CLASS II	TON	770	220	990	776.8
P-209B	CRUSHED AGGREGATE BASE COURSE	TON	9035	12575	21610	24,633.1
P-401A	HOT MIX ASPHALT, TYPE II, CLASS E	TON	24500	4900	29400	26,517.1
P-401B	HOT MIX ASPHALT PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D	1
P-401C	ASPHALT CEMENT, PG 64-28	TON	1468	296	1764	1526
P-401E	ASPHALT MATERIAL PRICE ADJUSTMENT	CONTINGENT SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D	0
P-603A	TACK COAT, CSS-1	TON	57	16	73	45.15
P-620C	RUNWAY AND TAXIWAY PAINTING	LUMP SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D	1
P-620D	INTERIM RUNWAY AND TAXIWAY PAINTING	LUMP SUM	ALL REQ'D	0	ALL REQ'D	1
P-630A	PAVEMENT GROOVING	LUMP SUM	ALL REQ'D	ALL REQ'D	ALL REQ'D	1
P-632A	INTELLIGENT COMPACTION FOR ASPHALT MIXTURES	LUMP SUM	0	ALL REQ'D	ALL REQ'D	1
P-634A	LONGITUDINAL JOINT REPAIR	LINEAR FOOT	0	71500	71500	71500
P-640B	SEGMENTED CIRCLE (PANEL TYPE)	LUMP SUM	0	ALL REQ'D	ALL REQ'D	1
P-680A	SEDIMENT BARRIER	LINEAR FOOT	3240	360	3600	2984

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

Proj. Eng. _____ Date 2/7/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\SIT\69652\ENIC3D PROJECT DATA\SOURCE DWGS\69652_C_ESTIMATE.DWG

FAGNANT, THOMAS D (DOT)

TAB: C1

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

ESTIMATE OF QUANTITIES

PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA — 49th — Charles M. Tripp — CE-9513 — REGISTERED PROFESSIONAL ENGINEER — 12/17/13

DESIGNED BY: T. FAGNANT

DRAWN BY: T. FAGNANT

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

ESTIMATE OF QUANTITIES

PROJECT DESIGNATION

69652/3-02-0268-028-2011
3-02-0268-029-2013

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
C1	49

BASIS OF ESTIMATE

ITEM NUMBER	PAY ITEM	BASIS OF ESTIMATE
M-420A	CLASS A-A CONCRETE, 8 IN THICK	440 S.Y.
M-420A	GEOTEXTILE, REINFORCEMENT	760 S.Y.
M-420A	REINFORCING STEEL	19.5 TONS
M-420A	STRUCTURAL STEEL	0.55 TONS
P-152I	BORROW, TYPE A	1.7 TONS/C.Y.
P-154B	SUBBASE COURSE	1.95 TONS/C.Y.
P-157H	SILT CONTAINMENT BOOM	500 L.F.
P-162A	PAVEMENT COLD PLANING	148,000 S.Y.
P-180A(CLASS I)	RIPRAP, CLASS I	1.22 TONS/C.Y.
P-180A(CLASS II)	RIPRAP, CLASS II	1.22 TONS/C.Y.
P-209B	CRUSHED AGGREGATE BASE COURSE	1.95 TONS/C.Y.
P-401A	HOT MIX ASPHALT, TYPE II, CLASS E	117 LB./S.Y./IN.
P-401C	ASPHALT CEMENT, PG 64-28	6% OF ITEM P-401A
P-603A	TACK COAT	0.1 GAL/S.Y. & 233 GAL/TON
P-620C	RUNWAY AND TAXIWAY PAINTING	225,000 S.F.
P-620D	INTERIM RUNWAY AND TAXIWAY PAINTING	130,000 S.F.
P-630B	PAVEMENT GROOVING	136,000 S.Y.

NOTES: SEE SHEET H3 FOR SCHEDULE OF STRUCTURAL STEEL AND REINFORCING STEEL
P-620C PLAN QUANTITY INCLUDES TOTAL PAINT REQUIRED FOR 2 COATS OF RUNWAY AND TAXIWAY PAINTING

P-152A UNCLASSIFIED EXCAVATION

LOCATION	QUANTITY (C.Y.)	GRANT
WIND CONE ACCESS ROAD	60	2011
RUNWAY ENDS	1120	2011
LAUNCHING RAMP	290	2011
RUNWAY SHOULDERS	2540	2013
RUNWAY SETTLEMENT AREAS	370	2013

P-152I.1 BORROW, TYPE A

LOCATION	QUANTITY (TONS)	GRANT
LAUNCHING RAMP	1400	2011
WIND CONE ACCESS ROAD	100	2011
TAXIWAY INFIELD	18500	2013
RUNWAY SETTLEMENT AREAS	500	2013

P-162A PAVEMENT COLD PLANING

LOCATION	QUANTITY (S.Y.)	GRANT
RUNWAY 98+36 to 164+66, DEPTH: ALL REQ'D	125200	2011
TAXIWAYS A & B, 0.5" DEPTH	5000	2013
RUNWAY 94+00 TO 98+36 & 164+66 TO 166+00, DEPTH: ALL REQ'D	10,800	2013
RUNWAY SHOULDERS, INSIDE LIGHTS, 0.5" DEPTH	4300	2013
RUNWAY SETTLEMENT AREAS, DEPTH: ALL REQ'D	300	2013
CONSTRUCTION PHASING, 0-2.5" DEPTH	2600	2013

P-180A(CLASS II) RIPRAP, CLASS II

LOCATION	QUANTITY (TONS)	GRANT
LAUNCHING RAMP	690	2011
WIND CONE ROAD	80	2011
VASI FOUNDATIONS	220	2013

P-209B CRUSHED AGGREGATE BASE COURSE

LOCATION	QUANTITY (TONS)	GRANT
RUNWAY ENDS	9035	2011
TAXIWAY INFIELD	7800	2013
RUNWAY SHOULDERS	4655	2013
RUNWAY SETTLEMENT AREAS	115	2013

P-401A HOT MIX ASPHALT, TYPE II, CLASS E

LOCATION	QUANTITY (TONS)	GRANT
RUNWAY	20570	2011
RUNWAY ENDS	3905	2011
RUNWAY END TOP 0.5"	400	2013
RUNWAY SHOULDERS	2900	2013
TAXIWAYS A & B	750	2013
RUNWAY SETTLEMENT AREAS	95	2013
RUNWAY SHOULDERS, INSIDE LIGHTS	510	2013
CONSTRUCTION PHASING	270	2013

P-401C ASPHALT CEMENT, PG 64-28

LOCATION	QUANTITY (TONS)	GRANT
RUNWAY	1234	2011
RUNWAY ENDS	234	2011
RUNWAY END TOP 0.5"	24	2013
RUNWAY SHOULDERS	174	2013
TAXIWAYS A & B	45	2013
RUNWAY SETTLEMENT AREAS	5.5	2013
RUNWAY SHOULDERS, INSIDE LIGHTS	30.5	2013
CONSTRUCTION PHASING	16	2013

P-603A TACK COAT, CSS-1

LOCATION	QUANTITY (TONS)	GRANT
RUNWAY	57	2011
SHOULDERS	14	2013
TAXIWAYS	2	2013

New Items Establised By Change Order

Item	Description	Unit	Quantity
P-401g	Asphalt Blend Sand	Ton	3,345
L-100c(2)	R/W Edge Lights	L.S.	All Req'd
P-152k	Extend RW 11 Embank.	L.S.	All Req'd
P-132c	Encase REIL Conduit	L.S.	All Req'd
L-107e	Windsocks Modifications	L.S.	All Req'd
P-152k (1)	Infield Rock Excavation	L.S.	All Req'd
P-620e	Additional RW Markings	L.S.	All Req'd
L-132d	RW 11 VASI Power	L.S	All Req'd
G-100b	Dispose of Asphalt Oil	Ton	130

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 2/17/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: C:\SITM\69652\NWC3D PROJECT DATA\SOURCE DWGS\69652_C_ESTIMATE.DWG
FAGNANT, THOMAS D (DOT)
TAB: C2

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

BASIS OF ESTIMATE

PLAN LEGEND

CHECKED BY: C TRIPP

STATE OF ALASKA 49th — Charles M. Tripp — CE-9813 — REGISTERED PROFESSIONAL ENGINEER — 12/18/13

DESIGNED BY: T FAGNANT
DRAWN BY: T. FAGNANT

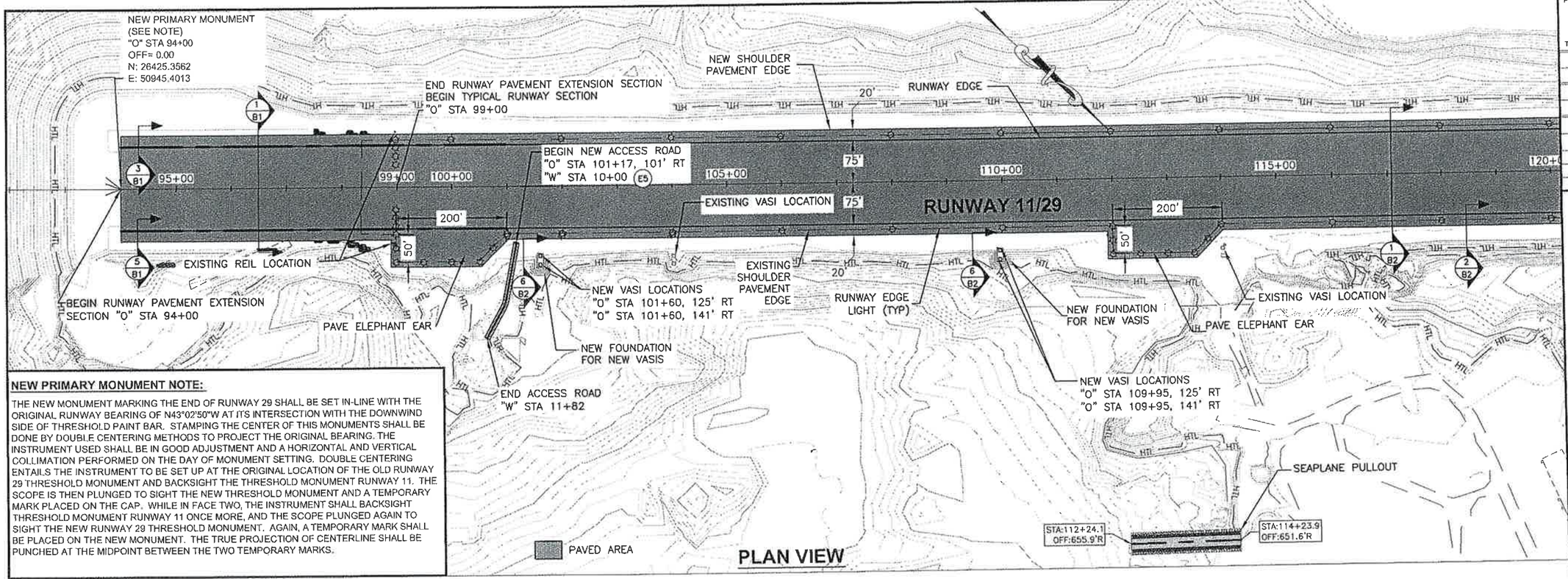
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

BASIS OF ESTIMATE

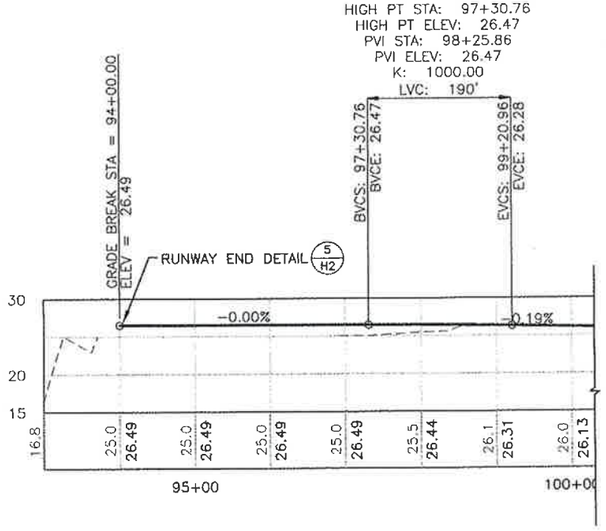
PROJECT DESIGNATION
69652/3-02-0268-028-2011
3-02-0268-029-2013

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
C2	49



NEW PRIMARY MONUMENT NOTE:

THE NEW MONUMENT MARKING THE END OF RUNWAY 29 SHALL BE SET IN-LINE WITH THE ORIGINAL RUNWAY BEARING OF N43°02'50"W AT ITS INTERSECTION WITH THE DOWNWIND SIDE OF THRESHOLD PAINT BAR. STAMPING THE CENTER OF THIS MONUMENTS SHALL BE DONE BY DOUBLE CENTERING METHODS TO PROJECT THE ORIGINAL BEARING. THE INSTRUMENT USED SHALL BE IN GOOD ADJUSTMENT AND A HORIZONTAL AND VERTICAL COLLIMATION PERFORMED ON THE DAY OF MONUMENT SETTING. DOUBLE CENTERING ENTAILS THE INSTRUMENT TO BE SET UP AT THE ORIGINAL LOCATION OF THE OLD RUNWAY 29 THRESHOLD MONUMENT AND BACKSIGHT THE THRESHOLD MONUMENT RUNWAY 11. THE SCOPE IS THEN PLUNGED TO SIGHT THE NEW THRESHOLD MONUMENT AND A TEMPORARY MARK PLACED ON THE CAP. WHILE IN FACE TWO, THE INSTRUMENT SHALL BACKSIGHT THRESHOLD MONUMENT RUNWAY 11 ONCE MORE, AND THE SCOPE PLUNGED AGAIN TO SIGHT THE NEW RUNWAY 29 THRESHOLD MONUMENT. AGAIN, A TEMPORARY MARK SHALL BE PLACED ON THE NEW MONUMENT. THE TRUE PROJECTION OF CENTERLINE SHALL BE PUNCHED AT THE MIDPOINT BETWEEN THE TWO TEMPORARY MARKS.



MATCH EXISTING PROFILE GRADE +2.0" FROM STATION 99+00 TO 164+00

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. D.I. Powell Date 2/17/14

PROFILE VIEW

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\SIT\69652\ENIC3D PROJECT DATA\SOURCE DWGS\69652_E_PLAN.DWG

FAGNANT, THOMAS D (DOT)

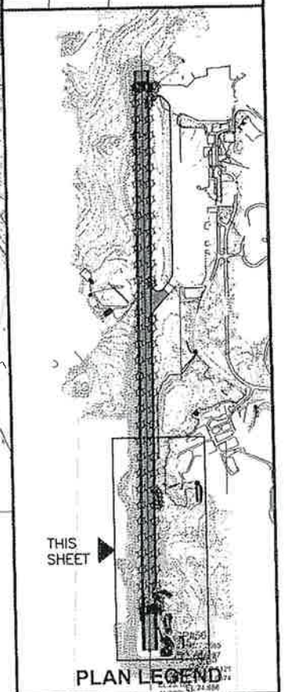
TAB: E1

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 12/17/12

DESIGNED BY: T. FAGNANT

DRAWN BY: T. FAGNANT

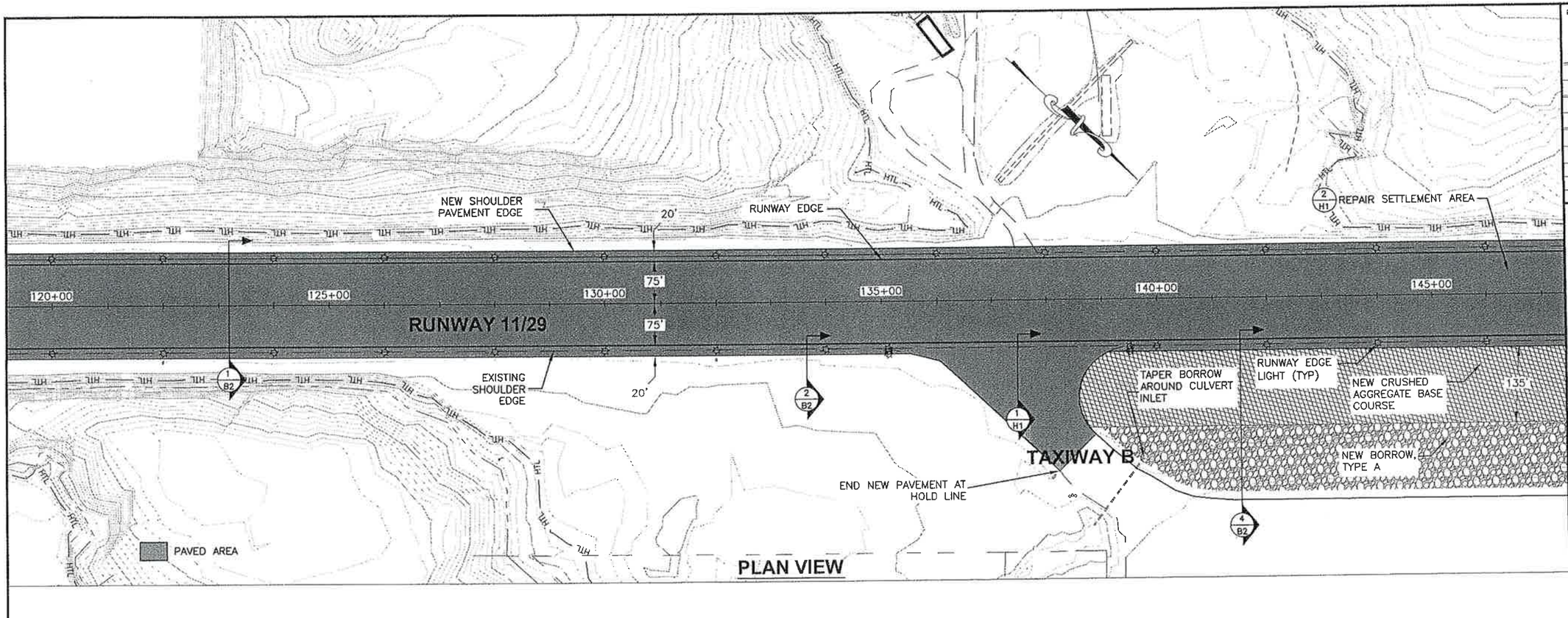
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

PLAN & PROFILE VIEW

PROJECT DESIGNATION
69652/3-02-0268-028-2011
3-02-0268-029-2013

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
E1	49



MATCH EXISTING PROFILE GRADE +2.0" FROM STATION 99+00 TO 164+00

PROFILE VIEW

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. D. Fennell Date 7/17/14

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PATH: Q:\SIT\69652\ENIC3D PROJECT DATA\SOURCE DWGS\69652_E_PLAN.DWG

FAGNANT, THOMAS D (DOT)

TAB: E2

ADDENDUM NUMBER

ATTACHMENT NUMBER

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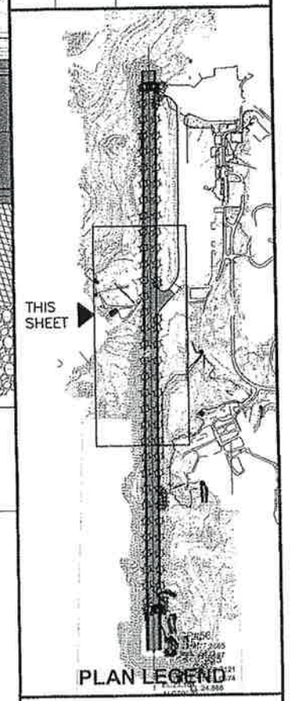
No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. TRIPP

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

DESIGNED BY: T. FAGNANT

DRAWN BY: T. FAGNANT

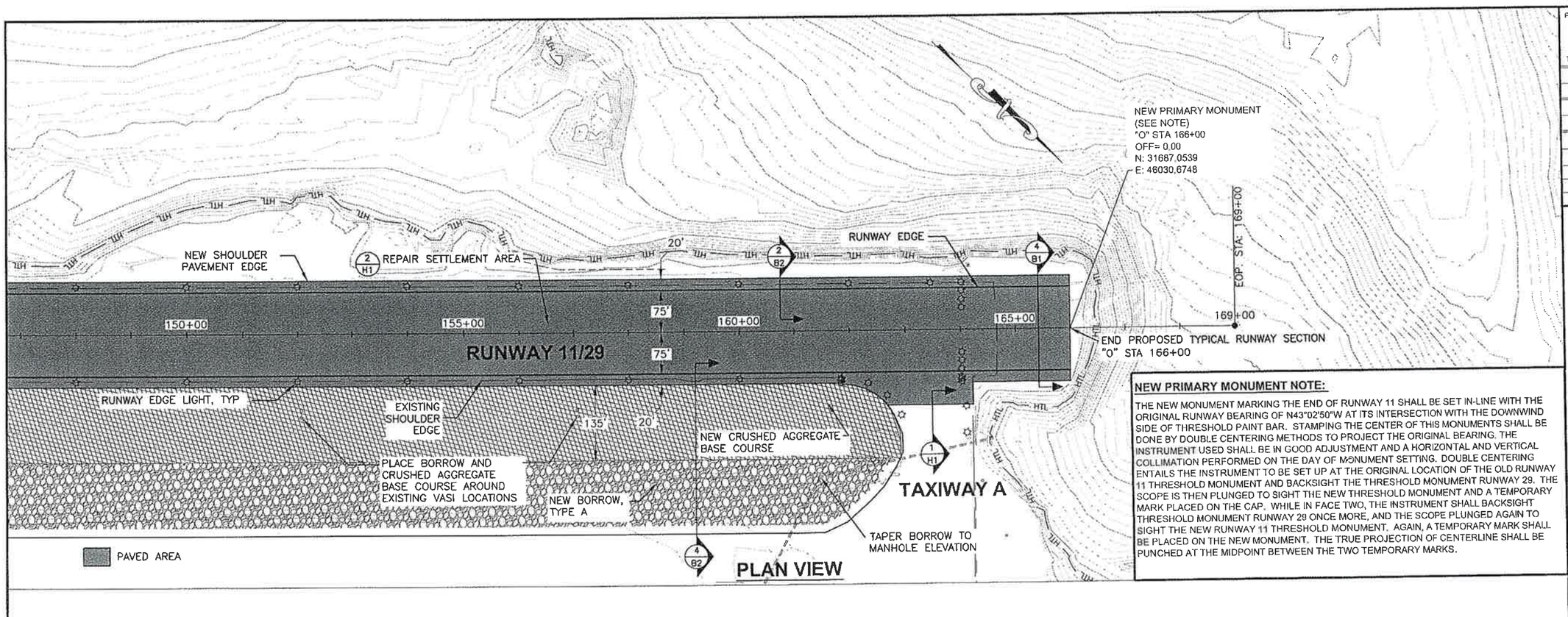
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

PLAN & PROFILE VIEW

PROJECT DESIGNATION
69652/3-02-0268-028-2011
3-02-0268-029-2013

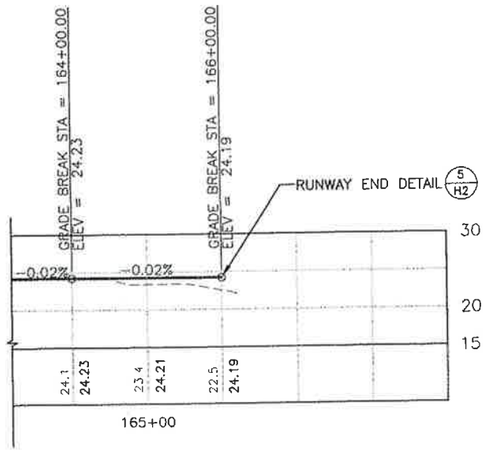
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
E2	49



NEW PRIMARY MONUMENT NOTE:

THE NEW MONUMENT MARKING THE END OF RUNWAY 11 SHALL BE SET IN-LINE WITH THE ORIGINAL RUNWAY BEARING OF N43°02'50"W AT ITS INTERSECTION WITH THE DOWNWIND SIDE OF THRESHOLD PAINT BAR. STAMPING THE CENTER OF THIS MONUMENTS SHALL BE DONE BY DOUBLE CENTERING METHODS TO PROJECT THE ORIGINAL BEARING. THE INSTRUMENT USED SHALL BE IN GOOD ADJUSTMENT AND A HORIZONTAL AND VERTICAL COLLIMATION PERFORMED ON THE DAY OF MONUMENT SETTING. DOUBLE CENTERING ENTAILS THE INSTRUMENT TO BE SET UP AT THE ORIGINAL LOCATION OF THE OLD RUNWAY 11 THRESHOLD MONUMENT AND BACKSIGHT THE THRESHOLD MONUMENT RUNWAY 29. THE SCOPE IS THEN PLUNGED TO SIGHT THE NEW THRESHOLD MONUMENT AND A TEMPORARY MARK PLACED ON THE CAP. WHILE IN FACE TWO, THE INSTRUMENT SHALL BACKSIGHT THRESHOLD MONUMENT RUNWAY 29 ONCE MORE, AND THE SCOPE PLUNGED AGAIN TO SIGHT THE NEW RUNWAY 11 THRESHOLD MONUMENT. AGAIN, A TEMPORARY MARK SHALL BE PLACED ON THE NEW MONUMENT. THE TRUE PROJECTION OF CENTERLINE SHALL BE PUNCHED AT THE MIDPOINT BETWEEN THE TWO TEMPORARY MARKS.

MATCH EXISTING PROFILE GRADE +2.0" FROM STATION 99+00 TO 164+00



PROFILE VIEW

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng: D. Merrill Date 2/17/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\S\IT\69652\ENIC3D PROJECT DATA\SOURCE DWGS\69652_E_PLAN.DWG

FAGNANT, THOMAS D (DOT)

TAB: E3

ADDENDUM NUMBER

ATTACHMENT NUMBER

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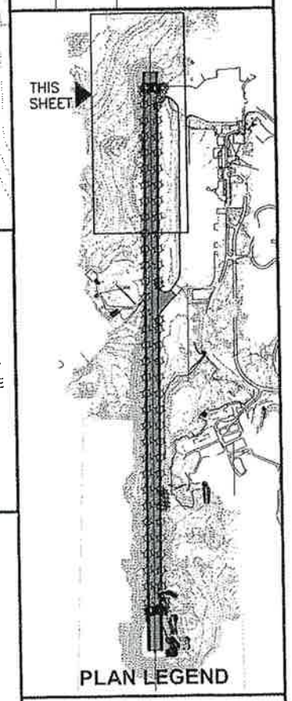
No.	DATE	DESCRIPTION



PLAN LEGEND

CHECKED BY: C. TRIPP

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

DESIGNED BY: T. FAGNANT

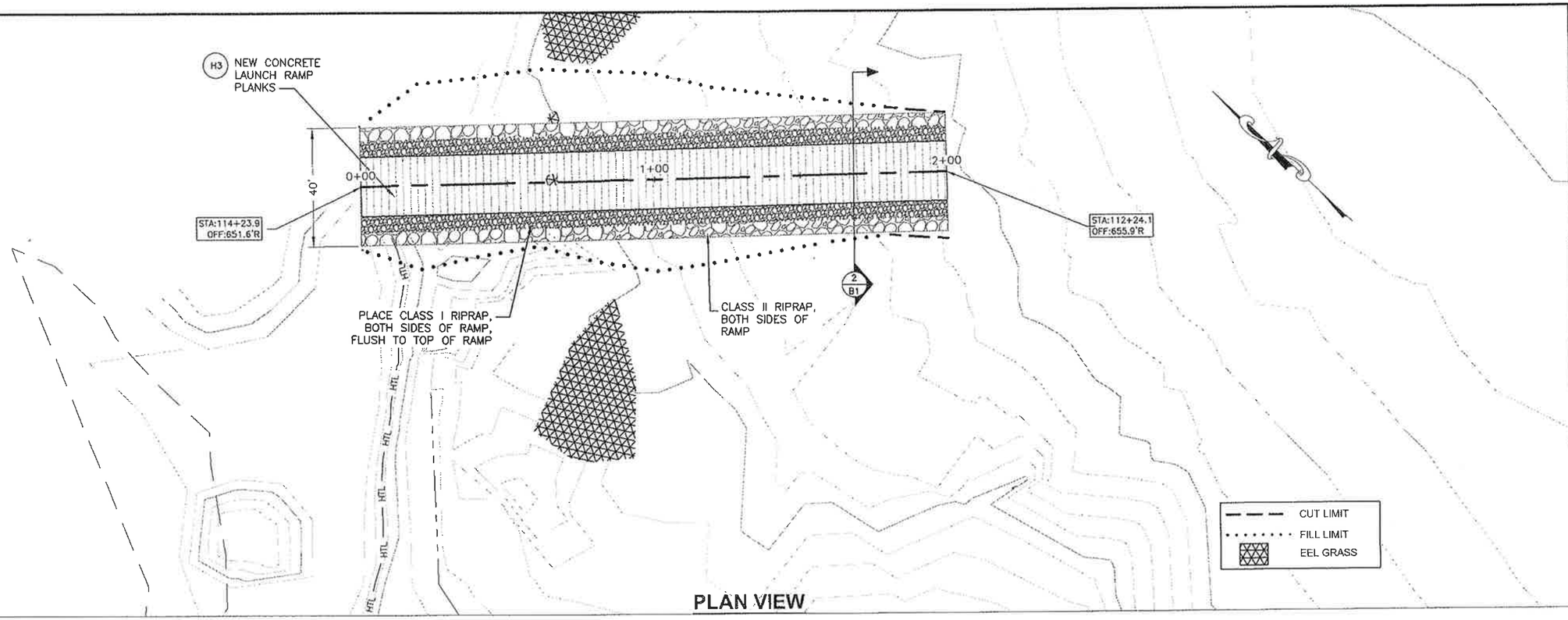
DRAWN BY: T. FAGNANT

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

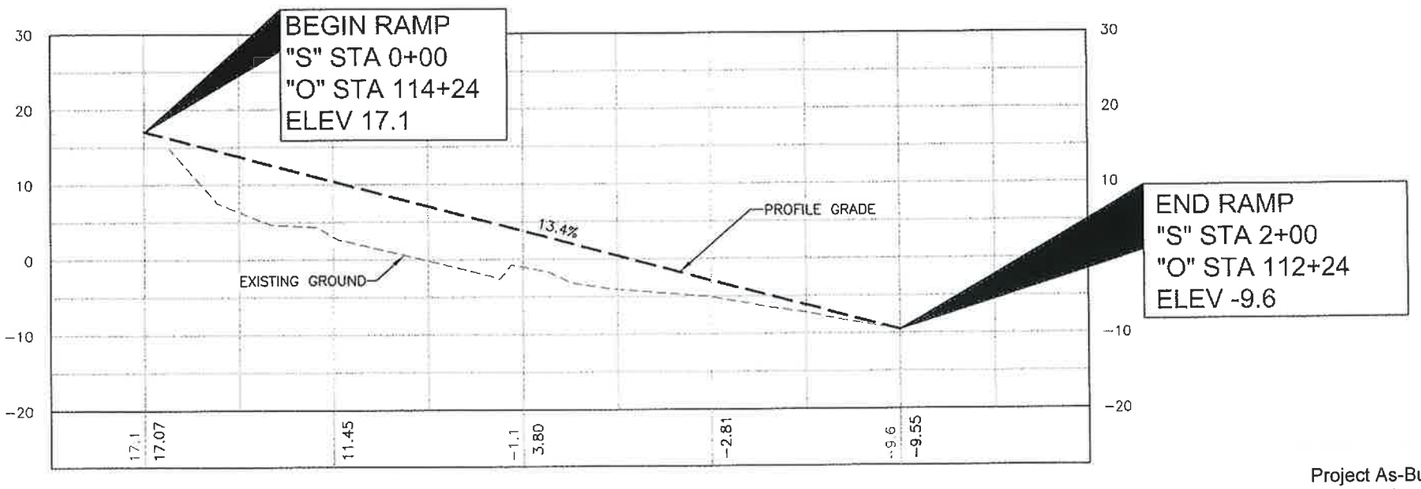
PLAN & PROFILE VIEW

PROJECT DESIGNATION	
69652/3-02-0268-028-2011 3-02-0268-029-2013	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
E3	49



PLAN VIEW

NOTE: SEAPLANE PULLOUT LOCATION SHALL BE ADJUSTED ON SITE TO AVOID EELGRASS TO THE MAXIMUM EXTENT PRACTICABLE. THE SEAPLANE FILL AND EXCAVATION LIMITS MUST BE FURTHER THAN 493' AWAY FROM THE RUNWAY CENTERLINE.



PROFILE VIEW

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. _____ Date 2/17/14

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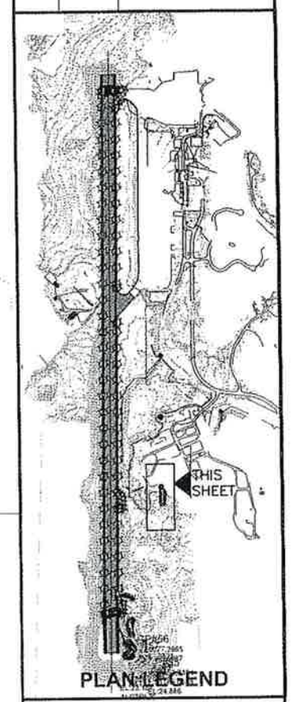
PATH: Q:\SIT\69652\ENVC3D PROJECT DATA\SOURCE DWGS\69652_E_PLAN.DWG

FAGNANT, THOMAS D (DOT)
TAB: E4

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 12/17/12

DESIGNED BY: T. FAGNANT
DRAWN BY: T. FAGNANT

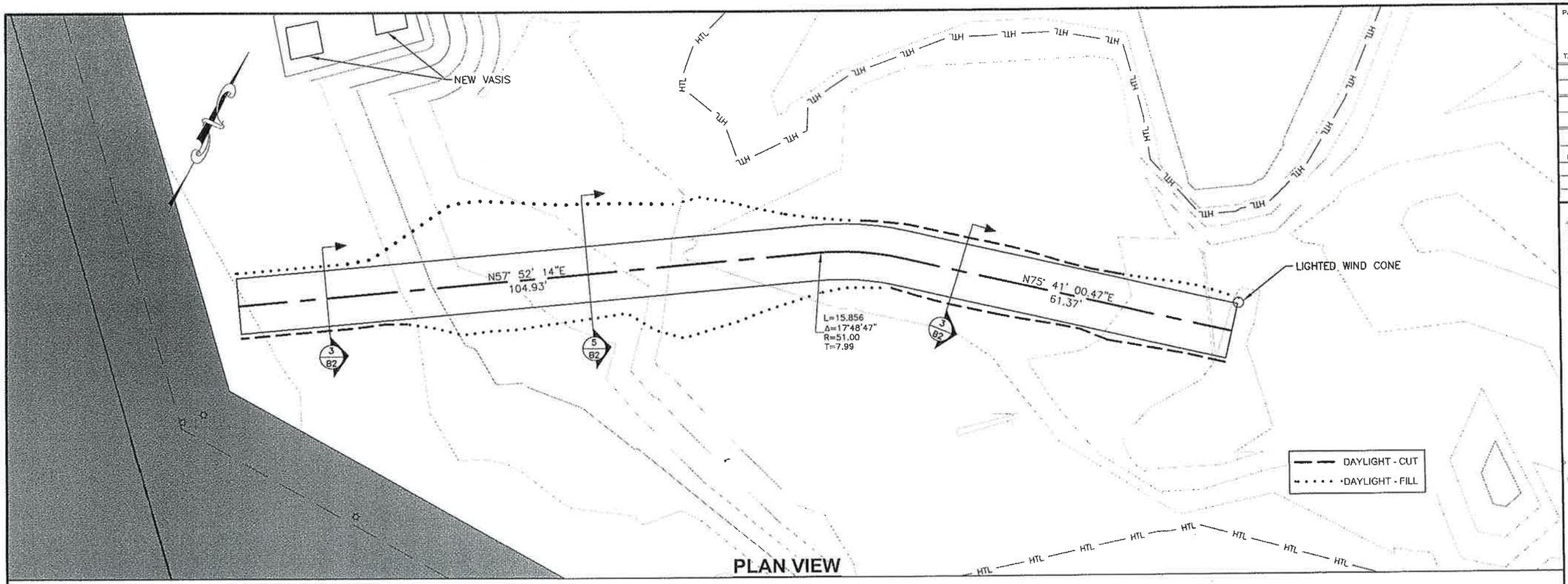
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

SEAPLANE PULLOUT

PROJECT DESIGNATION
69652/3-02-0268-028-2011
3-02-0268-029-2013

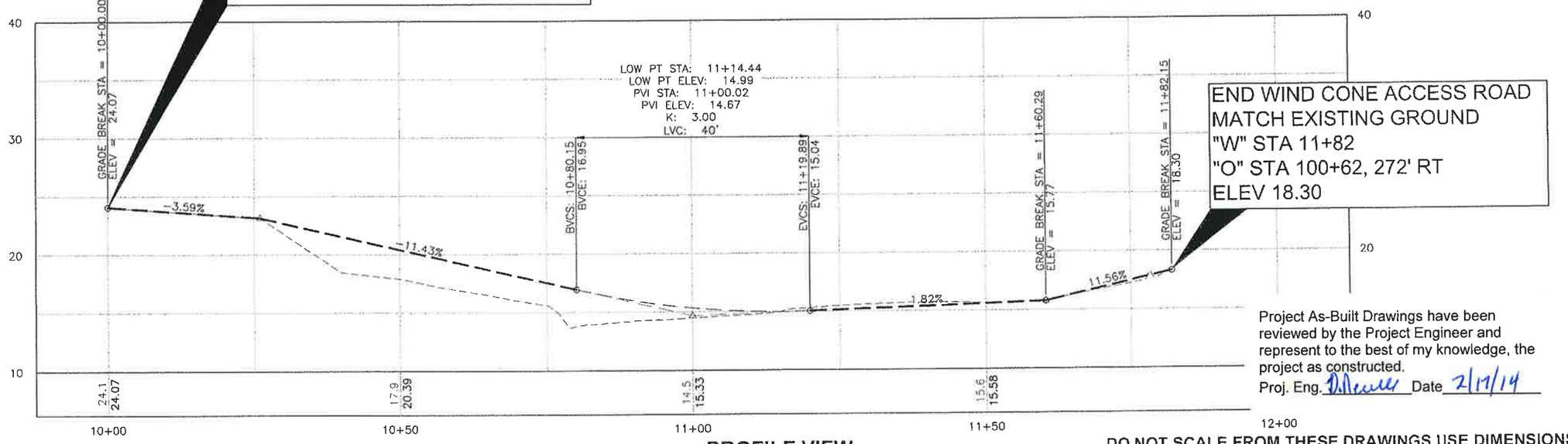
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
E4	49



PLAN VIEW

NOTE: SEE G SHEETS FOR ELECTRICAL DETAILS

BEGIN WIND CONE ACCESS ROAD
MATCH EXISTING GROUND
"W" STA 10+00
"O" STA 101+17, 101' RT
ELEV 24.07



PROFILE VIEW

END WIND CONE ACCESS ROAD
MATCH EXISTING GROUND
"W" STA 11+82
"O" STA 100+62, 272' RT
ELEV 18.30

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. _____ Date 2/17/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

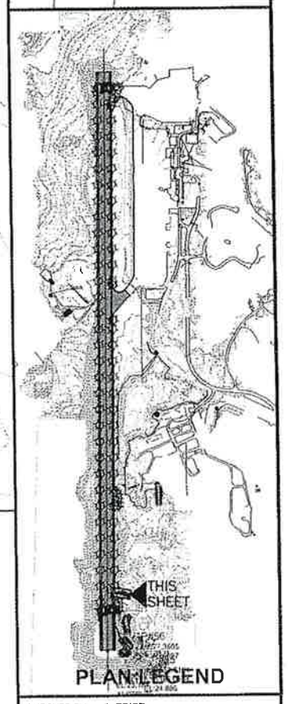
PATH: Q:\SIT\69652\ENV\C3D PROJECT DATA\SOURCE DWGS\69652_E_PLAN.DWG

FAGNANT, THOMAS D (DOT)
TAB: E5

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
PROFESSIONAL ENGINEER
2/17/14

DESIGNED BY: T. FAGNANT

DRAWN BY: T. FAGNANT

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

WIND CONE ACCESS ROAD

PROJECT DESIGNATION
69652/3-02-0268-028-2011 3-02-0268-029-2013

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
E5	49

NAVAID CONSTRUCTION RESPONSIBILITIES

SYSTEM PAY ITEM	FAA	CONTRACTOR	PLAN SHEETS	DETAIL SHEETS
REIL RW 29 L-132a	– Install system equipment, including flashers, ICCs, controls, and all support legs and structures – Terminate all conductors – Startup and test system – Remove system from service and lock out power supply – Remove system equipment, including flashers, ICCs, controls, and all support legs and structures – Provide NOTAMs for outages	– Install new foundations, handholes, underground conduit, and conductors as shown on the drawings – Remove foundations, handholes, conduit, and conductors back to power source	G2 – Demo G4 – New	G14–G15
VASI RW 29 L-132b	– Install system equipment, including LHAs, controls, and all support legs and structures – Terminate contractor-installed conductors – Complete system startup, including testing, aiming, flight check, and certification – Remove system from service and lock out power supply – Remove system equipment, including LHAs, controls, and all support legs and structures – Provide NOTAMs for outages	– Install new foundations, handholes, underground conduit, and conductors as shown on the drawings – Remove foundations, handholes, conduit, and conductors back to power source	G2 – Demo G4 – New	G12–G13
Power Modifications L-143a	– Disconnect and lock out power supply at DOT regulator building – Reconnect power when installation is complete	– Install new transformer, foundation, distribution panel, support structure, conduit, and conductors as shown on the drawings – Remove VASI/REIL transformer, including associated foundation, enclosure, conduit, and conductors back to manhole – Make all primary conductor splices and terminations and perform all required conductor testing	G2 – Demo G4 – New	G11

NOTES:

This list is intended to portray a general summary of the responsibilities of the parties involved and may not include all specific aspects of the work required.

FAA NOTIFICATIONS AND COORDINATION:

FAA shall be notified a minimum of 30 days prior to their required on-site involvement.

FAA will require a minimum of 30 days on-site for each system (VASI, REIL) for installation and testing prior to the systems being ready for flight checks.

Notifications of outages/NOTAMs, on-site involvement requirements, and flight checks shall be provided to:

Steve Cords, Technical Operations Project Engineer, Anchorage, 907-271-2893

James Boyd, Techinical Operations Manager, Ketchikan, 907-225-4900

Ron Phelps, Technical Operations Field Technician, Sitka, 907-966-2471

ELECTRICAL PLAN LEGEND

- EXISTING LIGHT TO REMAIN/BE REMOVED
- NEW RUNWAY EDGE LIGHT, OMNI-DIRECTIONAL
- NEW RUNWAY EDGE LIGHT, BI-DIRECTIONAL
- NEW RUNWAY THRESHOLD LIGHT, BI-DIRECTIONAL
- NEW RUNWAY THRESHOLD LIGHT, OMNI-DIRECTIONAL
- TAXIWAY EDGE LIGHT, 360° BLUE
- EXISTING LIGHTED AIRPORT SIGN TO REMAIN/BE REMOVED
- NEW OR RELOCATED LIGHTED AIRPORT SIGN
- SERIES LIGHTING CIRCUIT, TICK MARKS INDICATE NUMBER OF 5KV SERIES CONDUCTORS IN HDPE CONDUIT (2 SHOWN), INCLUDE GROUND CONDUCTOR (NOT SHOWN), TICK MARKS NOT SHOWN ON SHORT SEGMENTS OR IN CONGESTED AREAS FOR CLARITY
- SERIES LIGHTING CIRCUIT, TICK MARKS INDICATE NUMBER OF 5KV SERIES CONDUCTORS IN CONCRETE ENCASED RIGID STEEL CONDUIT (2 SHOWN), INCLUDE GROUND CONDUCTOR (NOT SHOWN), TICK MARKS NOT SHOWN ON SHORT SEGMENTS OR IN CONGESTED AREAS FOR CLARITY
- EXISTING CONDUIT
- HDPE CONDUIT WITH CONDUCTORS AS INDICATED
- CONCRETE ENCASED RIGID STEEL CONDUIT WITH CONDUCTORS AS INDICATED
- GROUND ROD, 3/4"x10' TYPICAL
- NEW HANDHOLE (HH), TYPE I (LIGHT BASE WITH BLANK COVER)
- EXISTING ELECTRICAL MANHOLE TO REMAIN/BE REMOVED
- NEW ELECTRICAL MANHOLE OR JUNCTION BOX (TYPE II) AS INDICATED
- EXISTING TRANSFORMER TO REMAIN/BE REMOVED
- NEW TRANSFORMER
- –UGE– EXISTING PRIMARY UNDERGROUND ELECTRICAL LINE TO REMAIN/BE REMOVED
- –UGE– NEW PRIMARY UNDERGROUND ELECTRICAL LINE
- WIND CONE
- TEMPORARY JUMPER, TICK MARKS INDICATE NUMBER OF 5KV SERIES CONDUCTORS (2 SHOWN)
- REIL

UON	UNLESS OTHERWISE NOTED
EMT	ELECTRICAL METALLIC TUBING
RMC	RIGID METALLIC CONDUIT (GALVANIZED STEEL)
HDPE	HIGH DENSITY POLYETHYLENE
PVC	POLYVINYL CHLORIDE
LFMC	LIQUIDTIGHT FLEXIBLE METALLIC CONDUIT
LFNC	LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT
C	CONDUIT
BC	BARE COPPER
TYP	TYPICAL
GRD	GROUND
PAPI	PRECISION APPROACH PATH INDICATOR
LHA	LIGHT HOUSING ASSEMBLY
VASI	VISUAL APPROACH SLOPE INDICATOR
REIL	RUNWAY END INDICATOR LIGHT

EQUIPMENT NUMBER, SEE SCHEDULES ON SHEET G10

EX	TAXIWAY EDGE LIGHT
RX	RUNWAY EDGE LIGHT
JBX	JUNCTION BOX
HHX	HANDHOLE
MHX	MANHOLE
SX	LIGHTED SIGN

(X) REFERENCE TO SHEET NOTE

LIGHT COLORS AND DISTRIBUTIONS

B	BLUE
Y	YELLOW
G	GREEN
R	RED
W	WHITE
O	OBSCURED/BLANK
BI	BI-DIRECTIONAL
UNI	UNI-DIRECTIONAL
OMNI	OMNI-DIRECTIONAL

GENERAL ELECTRICAL NOTES:

1. LOCATIONS OF EXISTING EQUIPMENT, CONDUIT, ETC ARE TAKEN FROM EXISTING DRAWINGS AND SURVEY DATA. LOCATIONS AND ROUTING SHALL BE FIELD VERIFIED. OBTAIN LOCATES OF EXISTING SYSTEMS AND EXCAVATE WITH CAUTION.
2. REMOVE LIGHTS, SIGNS, AND OTHER EQUIPMENT AS INDICATED ON DEMOLITION PLANS. REMOVAL INCLUDES ALL ASSOCIATED CONDUIT, CONDUCTORS, LIGHT BASES, TRANSFORMERS, CONTROLLERS, DRAIN CONDUITS, FOUNDATIONS, AND CONCRETE, UNLESS OTHERWISE INDICATED. ALL REMOVED LIGHTS, SIGNS, AND TRANSFORMERS SHALL BE OFFERED TO AIRPORT MAINTENANCE. DISPOSAL OF LIGHTING EQUIPMENT DEEMED NON-SALVAGABLE BY AIRPORT MAINTENANCE AND REMOVED CONDUIT, CONDUCTORS, LIGHT BASES, CONCRETE, AND OTHER MATERIAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE DISPOSED OF AT AN APPROVED SITE OFF OF AIRPORT PROPERTY IN ACCORDANCE WITH FEDERAL AND STATE REGULATIONS. DISPOSAL COSTS SHALL BE SUBSIDIARY TO THE CONTRACT.
3. COORDINATE ALL LIGHTING OUTAGES CAUSED BY DISCONNECTIONS, CIRCUIT CHANGES, OR OTHER WORK WITH THE PROJECT ENGINEER AND AIRPORT MANAGER. SCHEDULE INSTALLATION OF CONDUCTORS AND OTHER EQUIPMENT TO MINIMIZE QUANTITY AND DURATION OF OUTAGES.
4. COMPLETE ALL EXCAVATION AND TRENCHING PRIOR TO THE FINISH SURFACE ASPHALT BEING PLACED.
5. ALL AIRFIELD LIGHTING CONDUCTORS SHALL BE FAA TYPE C.
6. INSTALL A #6 BARE COPPER GROUNDING CONDUCTOR WITH ALL AIRFIELD LIGHTING AND SIGN CIRCUIT CONDUCTORS.
7. THE EXISTING VASI AND REIL SYSTEMS SHALL REMAIN OPERATIONAL DURING INSTALLATION OF THE NEW SYSTEMS. SYSTEM OUTAGES SHALL BE LIMITED TO THE CHANGEOVER OF PRIMARY POWER. USE CAUTION WHEN EXCAVATING FOR INSTALLATION OF NEW CONDUITS AND FOUNDATIONS.

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

Proj. Eng. [signature] Date 2/17/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: I:\1320500\Dwgs\E\Sheets\1320500_G1.dwg

Tue, 18/Dec/12 09:07AM lschneller

TAB: G1

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

ELECTRICAL LEGEND AND NOTES

PREPARED BY: USKH INC.

CHECKED BY: GRH

STATE OF ALASKA 49TH LUCAS SCHNELLER EE-11399 REGISTERED PROFESSIONAL ENGINEER 12/18/12

DESIGNED BY: LPS

DRAWN BY: LPS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

ELECTRICAL LEGEND AND NOTES

PROJECT DESIGNATIONS

69652/3-02-0268-028-2011
3-02-0268-029-2013

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
G1	49

SHEET NOTES: (X)

1. SYSTEM EQUIPMENT TO BE REMOVED BY FAA. SEE NAVAID RESPONSIBILITIES MATRIX ON SHEET G1.
2. REMOVE EXISTING LIGHT FIXTURE AND BASEPLATE. INSTALL TEMPORARY PLYWOOD COVER DURING PAVING OPERATIONS.
3. REMOVE COMPLETE THRESHOLD OR TAXIWAY LIGHT, INCLUDING FIXTURE, BASEPLATE, TRANSFORMER, LIGHT BASE, CONDUIT, & CONDUCTORS.
4. REMOVE EXISTING LIGHTED WIND CONE AND FOUNDATION. RELOCATE ASSOCIATED POST-MOUNTED CONTROL PANEL. LOCATION NOT SHOWN TO SCALE, SEE NEW WORK FOR ACTUAL LOCATION.

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. _____ Date 2/17/14

0 50 100 200 300 400
SCALE IN FEET

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: I:\1320500\Dwgs\E\Sheets\1320500_G2.dwg
Tue, 18/Dec/12 09:12AM lschneller
TAB: G2

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

ELECTRICAL PLAN -DEMOLITION

PREPARED BY: USKH INC.

CHECKED BY: GRH

STATE OF ALASKA
49 TH
LUCAS SCHNELLER
EE-11399
REGISTERED PROFESSIONAL ENGINEER
12/18/12

DESIGNED BY: LPS

DRAWN BY: LPS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

ELECTRICAL PLAN -DEMOLITION

PROJECT DESIGNATIONS
69652/3-02-0268-028-2011
3-02-0268-029-2013

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
G2	49

SEE SHEET G4 FOR ENLARGED PLAN

R10 R15 R20 R25

R5 93+80 95+00 100+00 105+00 110+00 115+00 120+00

R1 R100 R95 R90 R85

S1 S2

STA 94+00.0 RUNWAY END

STA 95+80.0 THRESHOLD

STA 95+80.0 REILS

NEW L-806 LIGHTED WIND CONE

STA 101+60.0 DOWNWIND VASI

STA 109+95.0 UPWIND VASI

R25 R30 R35

120+00 125+00 130+00 135+00 140+00 145+00

R85 R80 R75

S3 S4 S5

SEE SHEET G5 FOR ENLARGED PLAN

R40 R45 R50 R55

150+00 155+00 160+00 165+00 166+20

R70 R65 R60

S6

CO# 8
New conduit and conductors
RW 11 VASI's

CO#5
New L-806 Lighted Wind cone
Sta: 158+04 281 Rt.

STA 152+06.0 EXISTING VASI TO REMAIN

STA 157+06.0 EXISTING VASI TO REMAIN

STA 164+00.0 THRESHOLD

STA 164+14.9 EXISTING REILS TO REMAIN

STA 166+00.0 RUNWAY END

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

SHEET NOTES: (X)

1. PROVIDE TEMPORARY RUNWAY EDGE AND THRESHOLD LIGHTING TO SUPPORT REDUCED-WIDTH OPERATIONS IN ACCORDANCE RUNWAY REDUCED-WIDTH CLOSURE PLANS ON SHEET A8-A13.

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 2/7/14

0 50 100 200 300 400
SCALE IN FEET

PATH: I:\1320500\Dwgs\E\Sheets\1320500_G3-G5.dwg

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TAB: G3

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

ELECTRICAL PLAN - NEW WORK

PREPARED BY: USKH INC.

CHECKED BY: GRH

STATE OF ALASKA
49 TH
LUCAS SCHNELLER
EE-11396
REGISTERED PROFESSIONAL ENGINEER
12/18/12

DESIGNED BY: LPS

DRAWN BY: LPS

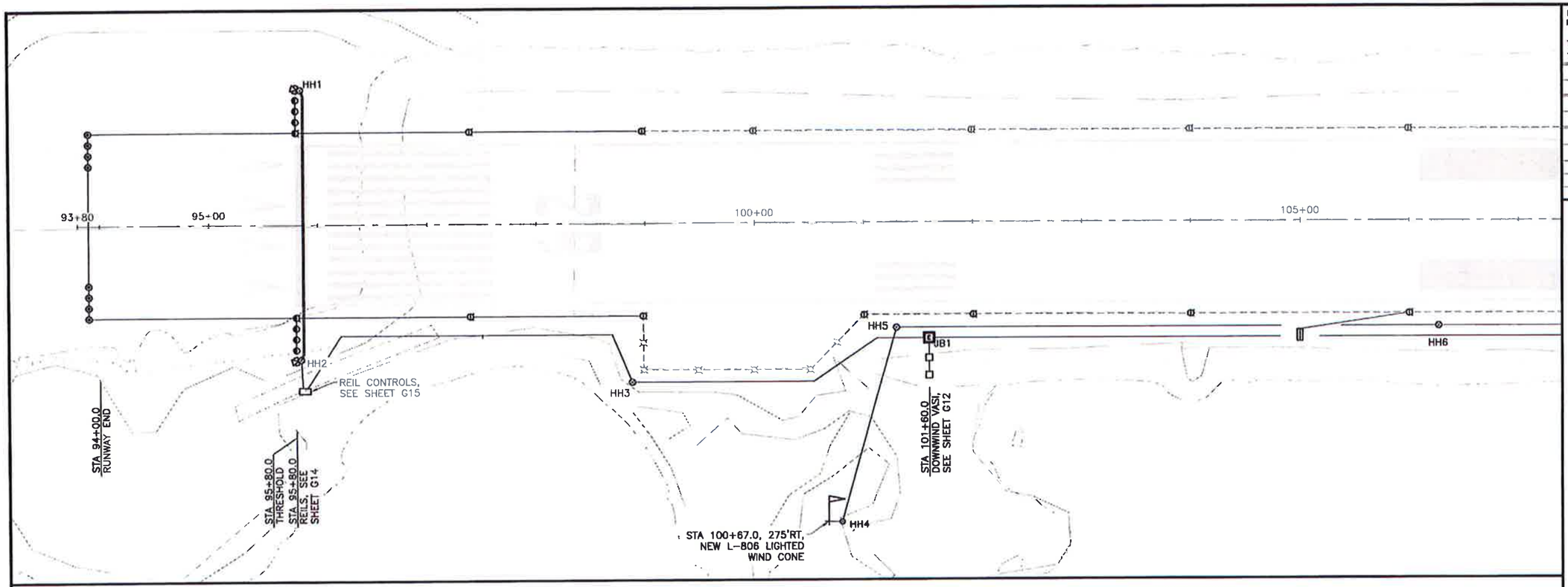
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

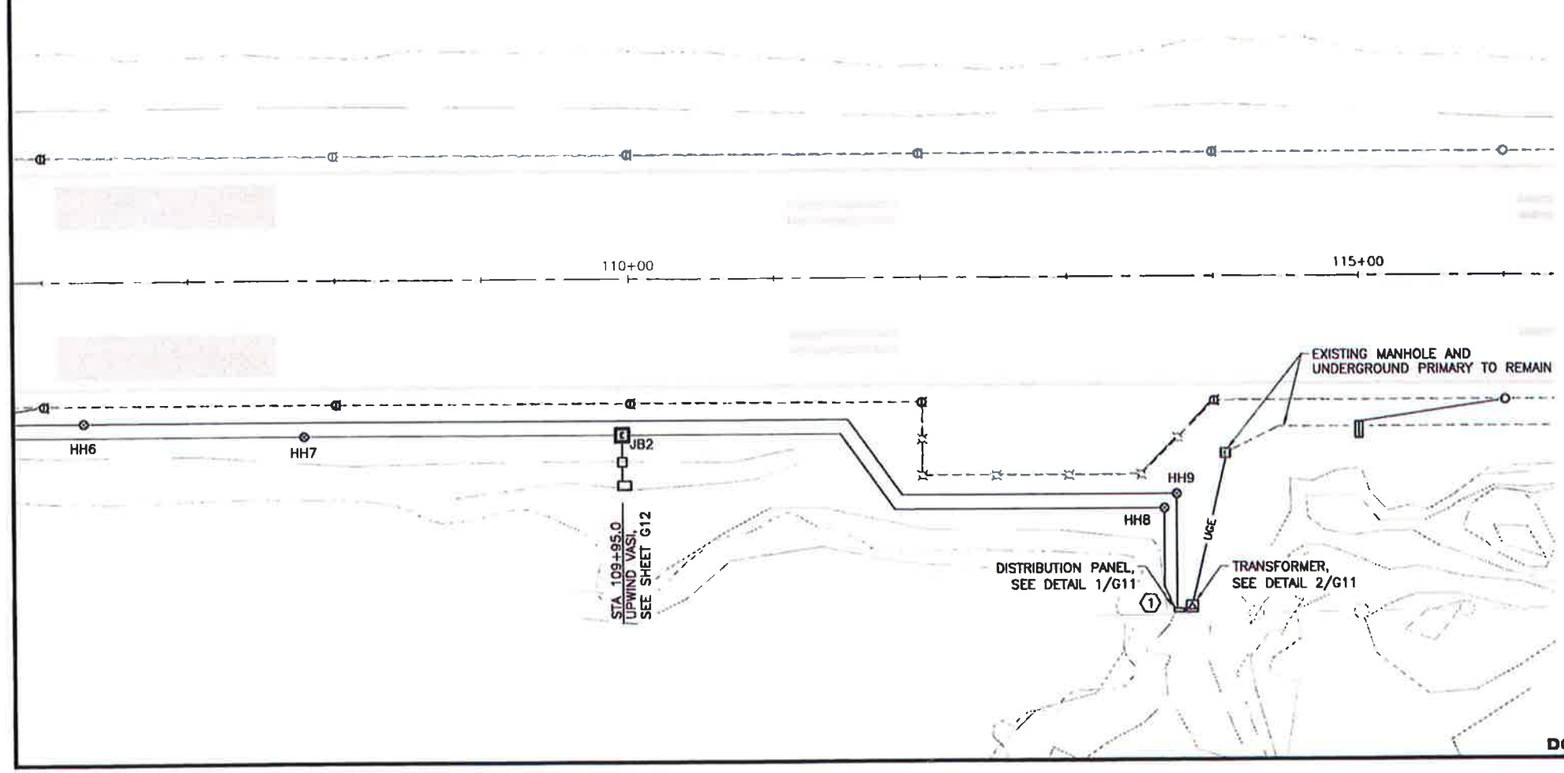
SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

ELECTRICAL PLAN - NEW WORK

PROJECT DESIGNATIONS
69652/3-02-0268-028-2011
3-02-0268-029-2013

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
G3	49





SHEET NOTES: (X)

1. LOCATE EQUIPMENT ALONG FENCE EAST OF THE ACCESS GATE. FIELD VERIFY EXACT 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 2/17/14

0 25 50 100 150 200
SCALE IN FEET

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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TAB: G4

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

ENLARGED PLAN

PREPARED BY: USKH INC.

CHECKED BY: GRH

STATE OF ALASKA 49TH LUCAS SCHNELLER EE-11399 REGISTERED PROFESSIONAL ENGINEER 12/18/12

DESIGNED BY: LPS

DRAWN BY: LPS

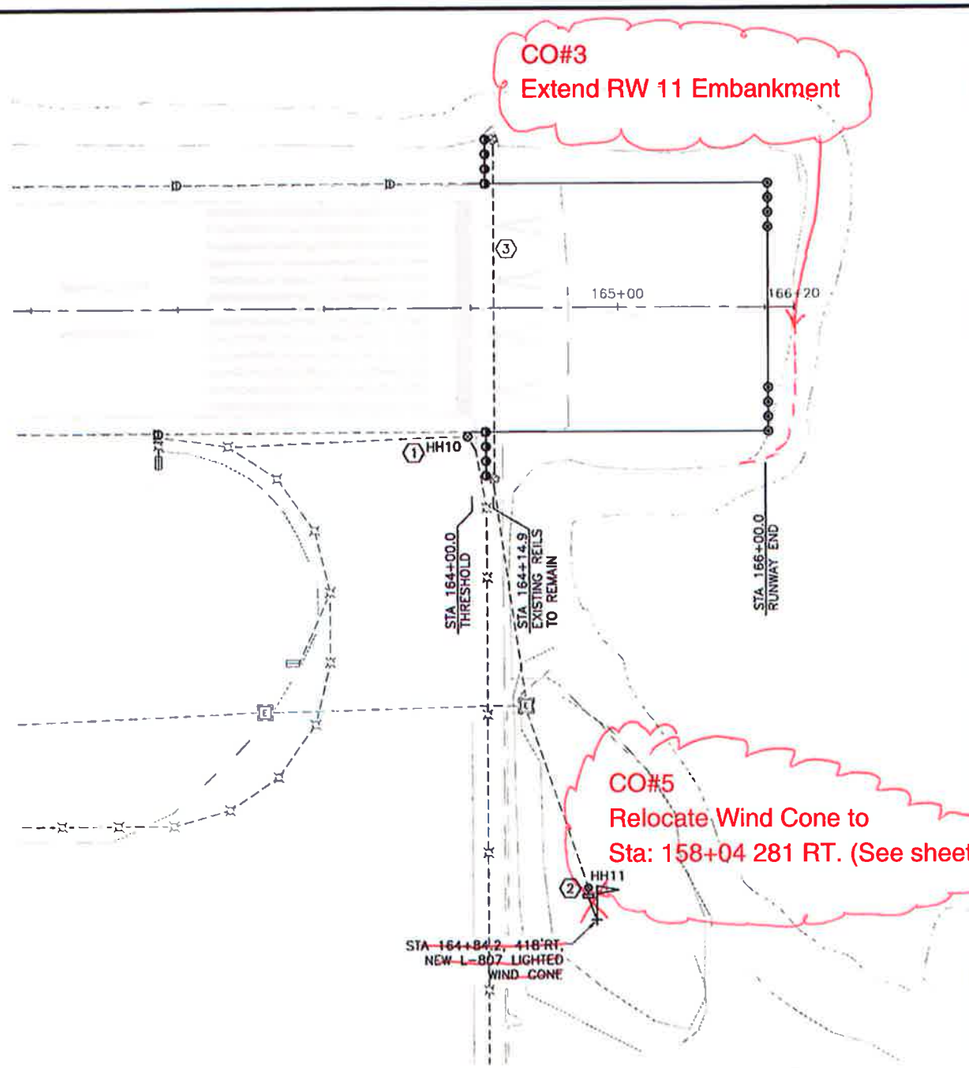
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

ENLARGED PLAN

PROJECT DESIGNATIONS
69652/3-02-0268-028-2011
3-02-0268-029-2013

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
G4	49



SHEET NOTES: (X)

1. INSTALL L-868 HANDHOLE TO CAPTURE EXISTING TAXIWAY LIGHTING CIRCUIT & EXTEND TO NEAREST TAXIWAY LIGHTING FIXTURE OR EXISTING CONDUIT. INSTALL NEW CONDUCTORS BETWEEN ADJACENT LIGHTS ON THE CIRCUIT.
2. INSTALL HANDHOLE TO CAPTURE EXISTING WIND CONE CIRCUIT. REINSTALL EXISTING WIND CONE CONTROL PANEL. SEE DETAIL 2/G7.
3. EXCAVATE AND EXPOSE EXISTING REIL CONDUIT(S) UNDER RUNWAY. CONCRETE ENCASE EXISTING CONDUIT IN ACCORDANCE WITH SPECIFICATION L-110. WORK WILL BE PAID FOR UNDER L-132a.

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 2/17/14

0 50 100 150 200
SCALE IN FEET

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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TAB: G5

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

ENLARGED PLAN

PREPARED BY: USKH INC.
CHECKED BY: GRH

STATE OF ALASKA 49 TH
LUCAS SCHNELLER
EE-11398
REGISTERED PROFESSIONAL ENGINEER
12/18/12

DESIGNED BY: LPS
DRAWN BY: LPS

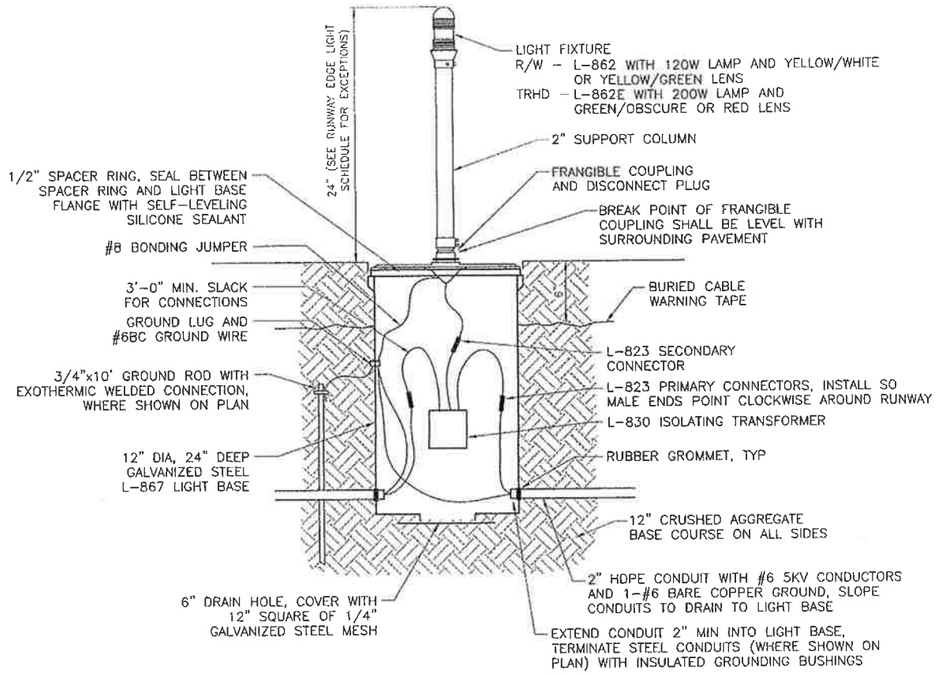
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

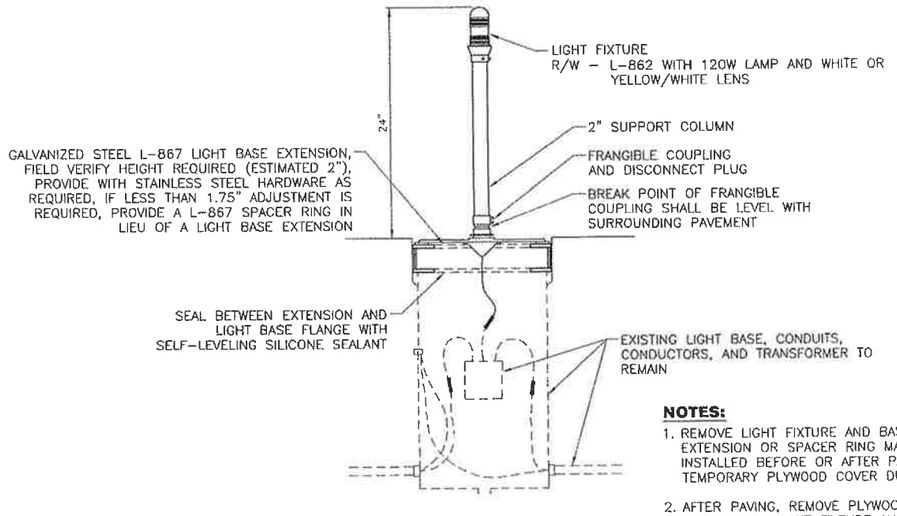
ENLARGED PLAN

PROJECT DESIGNATIONS
69652/3-02-0268-028-2011
3-02-0268-029-2013

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
G5	49



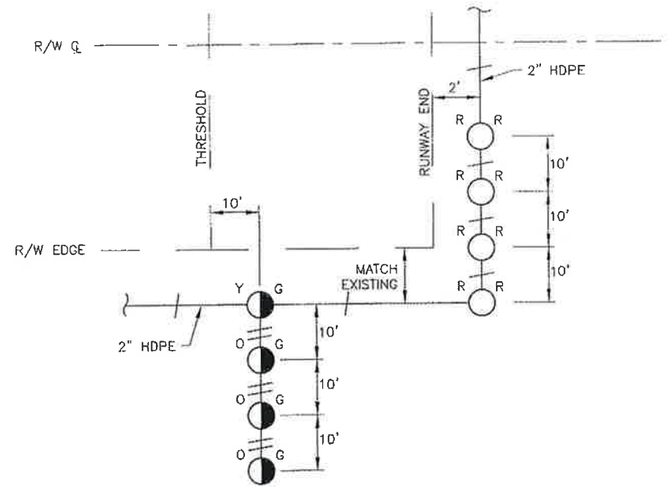
1 / G6 BASE MOUNTED LIGHT DETAIL
NTS



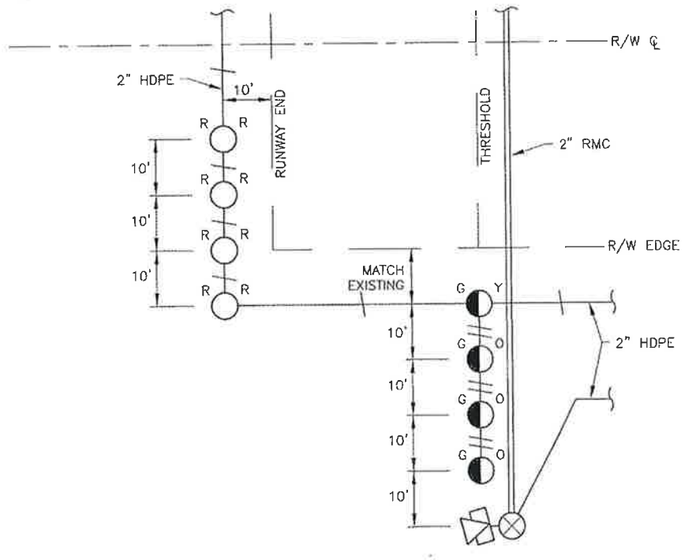
NOTES:

1. REMOVE LIGHT FIXTURE AND BASEPLATE. EXTENSION OR SPACER RING MAY BE INSTALLED BEFORE OR AFTER PAVING. INSTALL TEMPORARY PLYWOOD COVER DURING PAVING.
2. AFTER PAVING, REMOVE PLYWOOD COVER AND INSTALL NEW LIGHT FIXTURE AND BASEPLATE (AND EXTENSION OR SPACER RING IF NOT INSTALLED BEFORE PAVING).

3 / G6 LIGHT REPLACEMENT DETAIL
NTS



2 / G6 THRESHOLD LIGHT DETAIL - RW11
NTS



4 / G6 THRESHOLD LIGHT DETAIL - RW 29
NTS

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. LSchneller Date 2/17/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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Tue, 18/Dec/12 09:07AM lschneller
TAB: G6

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

DETAILS

PREPARED BY: USKH INC.
CHECKED BY: GRH

STATE OF ALASKA 49TH LUCAS SCHNELLER EE-11399 REGISTERED PROFESSIONAL ENGINEER 12/18/12

DESIGNED BY: LPS
DRAWN BY: LPS

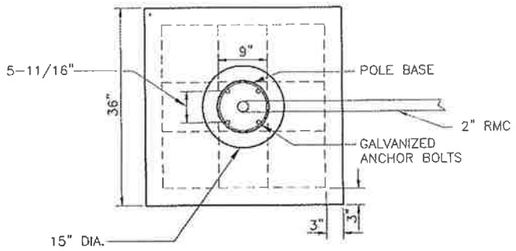
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

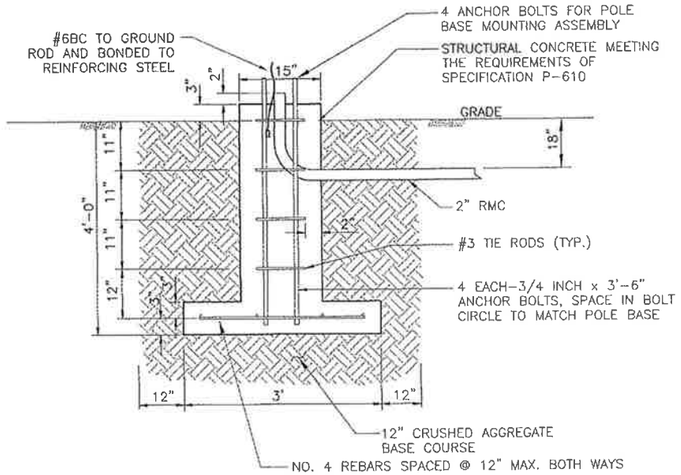
SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

DETAILS

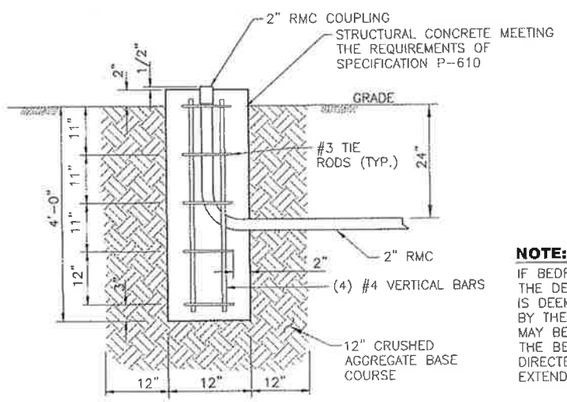
PROJECT DESIGNATIONS
69652/3-02-0268-028-2011
3-02-0268-029-2013

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
G6	49



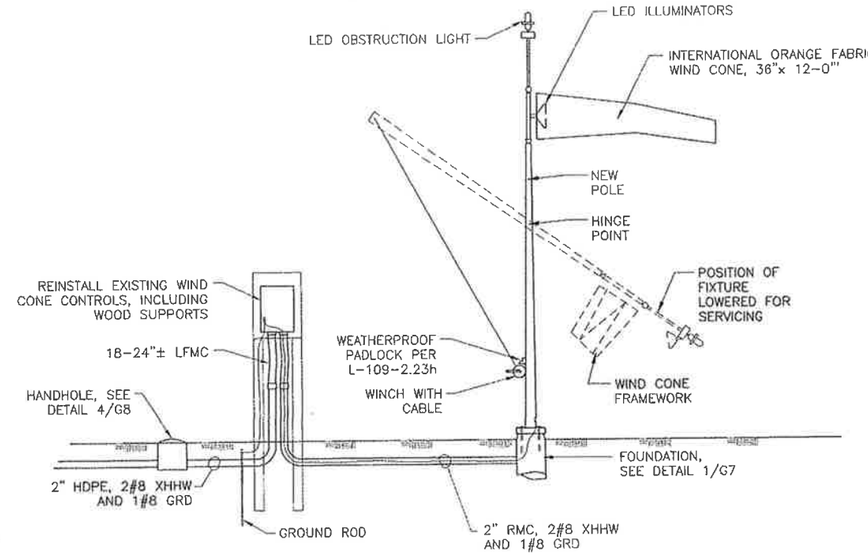


1 / G7 L-807 WIND CONE FOUNDATION DETAIL
NTS



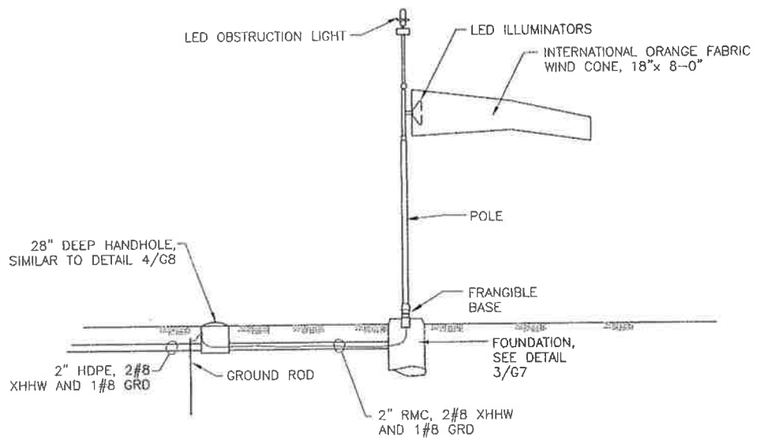
NOTE:
IF BEDROCK IS ENCOUNTERED WITHIN THE DEPTH OF THE FOUNDATION AND IS DEEMED STRUCTURALLY ADEQUATE BY THE ENGINEER, THE FOUNDATION MAY BE PINNED OR DOWELED INTO THE BEDROCK FOR STABILITY AS DIRECTED BY THE ENGINEER AND EXTENDED ABOVE GRADE AS DETAILED.

3 / G7 L-806 WIND CONE FOUNDATION DETAIL
NTS



FAA TYPE L-807, STYLE-1B, SIZE-2 WITH LED LAMPS

2 / G7 L-807 LIGHTED WIND CONE ASSEMBLY
NTS



FAA TYPE L-806, STYLE-1B, SIZE-1 WITH LED LAMPS

4 / G7 L-806 LIGHTED WIND CONE ASSEMBLY
NTS

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. _____ Date 2/17/14

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PATH: I:\1320500\Dwgs\ElSheets\1320500_G6-G11.dwg
Tue, 18/Dec/12 09:08AM lschneller
TAB: G7

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

DETAILS

PREPARED BY: USKH INC.
CHECKED BY: GRH
LUCAS SCHNELLER EE-11399 REGISTERED PROFESSIONAL ENGINEER 12/18/12
DESIGNED BY: LPS
DRAWN BY: LPS

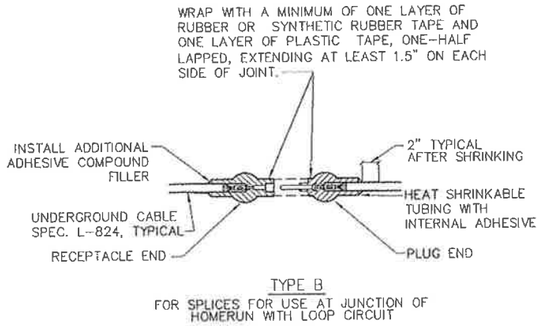
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

DETAILS

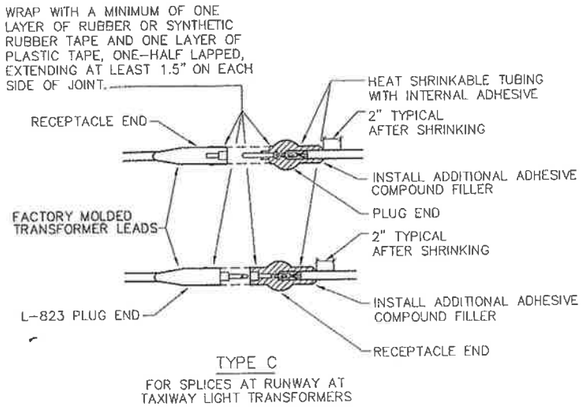
PROJECT DESIGNATIONS
69652/3-02-0268-028-2011
3-02-0268-029-2013

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
G7	49



TYPE B

FOR SPLICES FOR USE AT JUNCTION OF HOMERUN WITH LOOP CIRCUIT



TYPE C

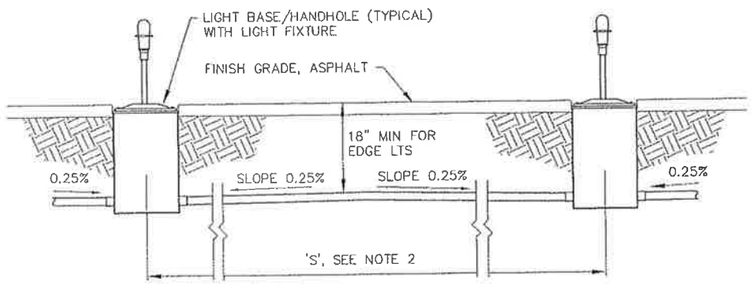
FOR SPLICES AT RUNWAY AT TAXIWAY LIGHT TRANSFORMERS

NOTES:

1. INSIDE DIAMETER OF CONNECTOR SHALL PROPERLY MATCH OUTSIDE DIAMETER OF CABLE. CONNECTOR SHALL BE SUPPLIED TO MATCH CABLE PER MANUFACTURER'S INSTRUCTIONS.

1 G8 SPLICE DETAILS

NTS

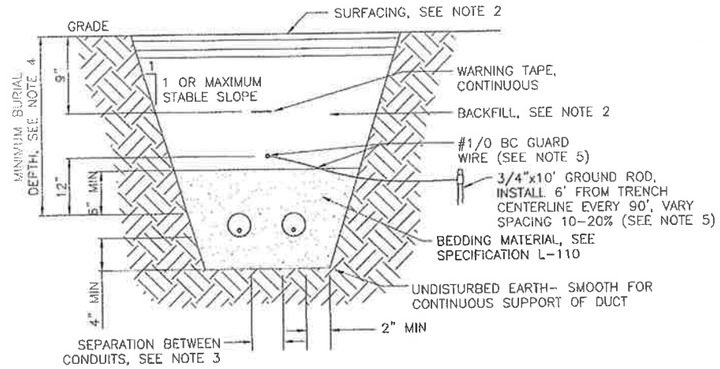


NOTES:

1. CONDUIT SHALL BE INSTALLED WITH CROWN TO DRAIN TO LIGHT BASES AS SHOWN.
2. IF 'S' IS LESS THAN 20', OR IF 0.25% SLOPE CAN BE MAINTAINED IN ONE DIRECTION DUE TO SLOPE OF GRADE, LAY CONDUIT STRAIGHT WITHOUT CROWN BETWEEN BASES/HANDHOLES.

3 G8 TYPICAL INTERCONNECTION DETAIL

NTS

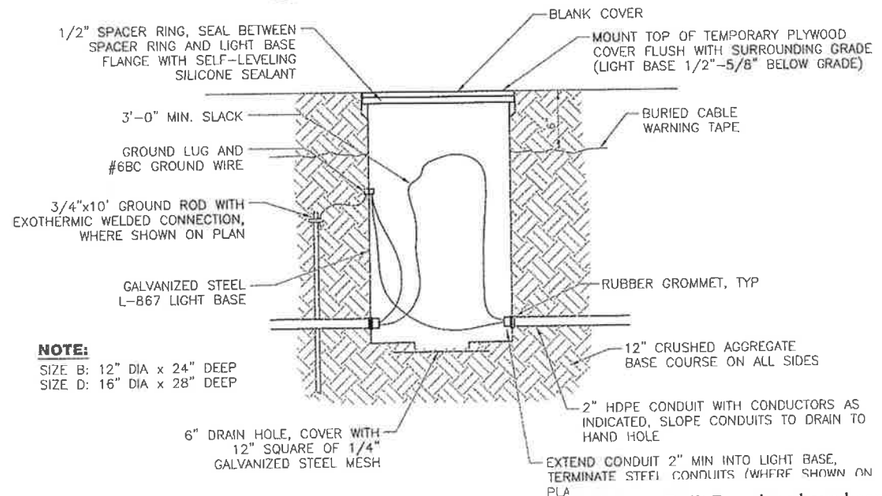


NOTES:

1. WIDTH OF TRENCH AND NUMBER OF CONDUITS PER TRENCH DETERMINED IN FIELD (2 SHOWN)
2. SURFACING AND BACKFILL (SUBSIDIARY TO CONDUIT INSTALLATION):
   - -IN AREAS OF NEW PAVEMENT, SEE CIVIL PLANS FOR MATERIALS AND THICKNESSES REQUIRED FOR EMBANKMENT AND SURFACE/PAVEMENT CONSTRUCTION
   - -IN EXISTING UNPAVED AREAS, MATCH EXISTING SURFACING AND BACKFILL MATERIALS
   - -FOR FAA CONDUITS (VASI, REIL) UNDER RUNWAYS AND TAXIWAYS, CONDUIT SHALL BE CONCRETE ENCASED, CONCRETE ENCASEMENT SHALL MEET THE REQUIREMENTS OF SPECIFICATION L-110, BUT MAINTAIN A MINIMUM BURIAL DEPTH OF 24"
3. SEPARATION BETWEEN CONDUITS SHALL BE AS FOLLOWS:
   - -CONDUITS OF SAME TYPE (POWER/SIGNAL) UNDER SAME OWNERSHIP -- 2"
   - -AIRPORT LIGHTING AND FAA CONDUITS - 12" MIN
   - -PRIMARY POWER AND ANY OTHER CONDUIT -- 18" MIN
   - -TELECOM SERVICE AND ANY OTHER CONDUIT - 18" MIN
4. MINIMUM BURIAL DEPTH SHALL BE AS FOLLOWS:
   - -AIRPORT LIGHTING CONDUITS - 18"
   - -FAA AND COMMUNICATIONS CONDUITS - 24"
5. GUARD WIRE AND ASSOCIATED GROUND RODS SHALL BE INSTALLED FOR THE FOLLOWING CONDUITS:
   - -PRIMARY AND SECONDARY POWER TO SUPPLY VASI AND REIL
   - -FAA LIGHTING SYSTEM CONDUITS (VASI, REIL)

2 G8 TYPICAL CONDUIT TRENCH DETAIL

NTS



NOTE:

SIZE B: 12" DIA x 24" DEEP
SIZE D: 16" DIA x 28" DEEP

4 G8 HANDHOLE DETAIL - TYPE 1

NTS

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

Proj. Eng. _____ Date 2/7/14

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TAB: G8

ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

DETAILS

PREPARED BY: USKH INC.

CHECKED BY: GRH

STATE OF ALASKA 49TH — LUCAS SCHNELLER EE-11399 REGISTERED PROFESSIONAL ENGINEER — 12/18/12

DESIGNED BY: LPS

DRAWN BY: LPS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

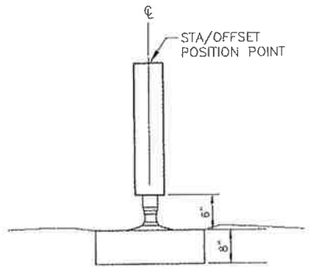
SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

DETAILS

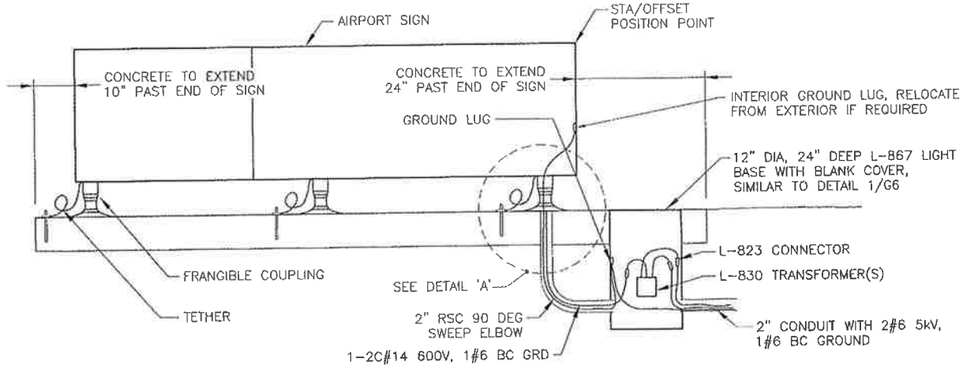
PROJECT DESIGNATIONS

69652/3-02-0268-028-2011
3-02-0268-029-2013

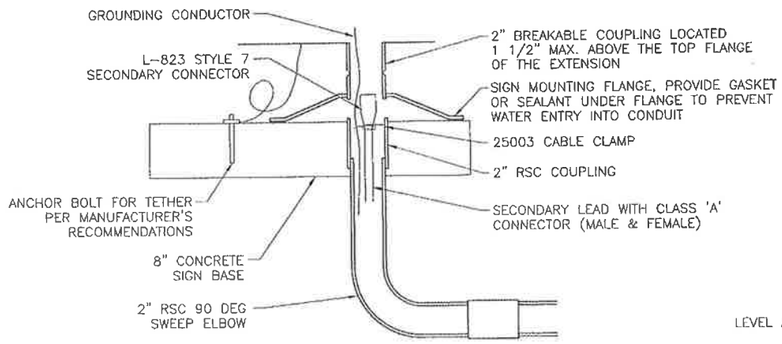
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
G8	49



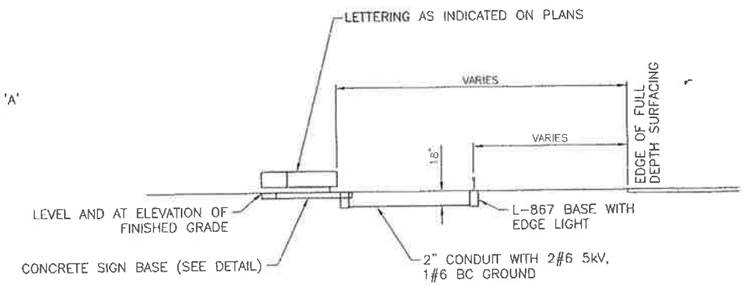
SIDE VIEW



FRONT VIEW

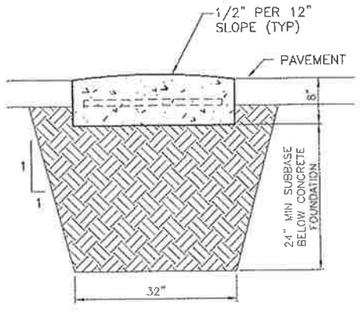


DETAIL 'A'

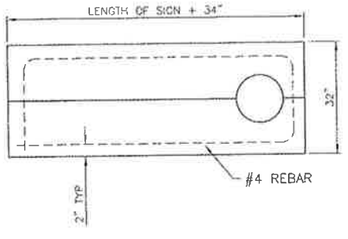


1/G9 AIRPORT SIGN DETAILS

NTS



SIDE VIEW



PLAN VIEW

NOTES:

1. MINOR GRADING OR FILL SHALL BE REQUIRED AT ALL SIGN LOCATIONS. THE GRADING AND EARTHWORK SHALL BE SUBSIDIARY TO OTHER PAY ITEMS AND NO SEPARATE PAYMENT WILL BE MADE.
2. ATTACH SIGNS TO CONCRETE BASE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
3. CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION P-610.
4. SIGN BASE SHALL BE LEVEL AND SET AT THE ELEVATION OF THE SURROUNDING GRADE.

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. _____ Date 2/17/14

2/G9 CONCRETE SIGN BASE DETAIL

NTS

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TAB: G9

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

DETAILS

PREPARED BY: USKH INC.

CHECKED BY: GRH

STATE OF ALASKA
49 TH
LUCAS SCHNELLER
EE-11399
REGISTERED PROFESSIONAL ENGINEER
12/18/12

DESIGNED BY: LPS

DRAWN BY: LPS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

DETAILS

PROJECT DESIGNATIONS
69652/3-02-0268-028-2011
3-02-0268-029-2013

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
G9	49

RUNWAY EDGE LIGHT SCHEDULE

NUM	LENS COLOR	TYPE	LAMP WATTS	XFMR WATTS	STATION	OFFSET	REMARKS
R1	R	L-862E	200	200	93+90.0	85.2 RT	
R2	R	L-862E	200	200	93+90.0	75.2 RT	
R3	R	L-862E	200	200	93+90.0	65.2 RT	
R4	R	L-862E	200	200	93+90.0	55.2 RT	
R5	R	L-862E	200	200	93+90.0	54.8 LT	
R6	R	L-862E	200	200	93+90.0	64.8 LT	
R7	R	L-862E	200	200	93+90.0	74.8 LT	
R8	R	L-862E	200	200	93+90.0	84.8 LT	
R9	G-Y	L-862	120	100	95+80.0	84.8 LT	
R10	G-O	L-862E	200	200	95+80.0	94.8 LT	
R11	G-O	L-862E	200	200	95+80.0	104.8 LT	
R12	G-O	L-862E	200	200	95+80.0	114.8 LT	
R13	W-Y	L-862	120	100	97+38.9	84.9 LT	
R14	W-Y	L-862	120	100	98+97.9	84.9 LT	SEE NOTE 1
R15	W-Y	L-862	120	100	99+99.4	84.7 LT	SEE NOTE 1
R16	W-Y	L-862	120	100	101+99.5	84.7 LT	SEE NOTE 1
R17	W-Y	L-862	120	100	103+99.4	84.9 LT	SEE NOTE 1
R18	W-Y	L-862	120	100	105+99.5	84.6 LT	SEE NOTE 1
R19	W-Y	L-862	120	100	107+99.4	84.7 LT	SEE NOTE 1
R20	W-Y	L-862	120	100	109+99.5	84.7 LT	SEE NOTE 1
R21	W-Y	L-862	120	100	111+98.9	84.7 LT	SEE NOTE 1
R22	W-Y	L-862	120	100	113+99.3	84.8 LT	SEE NOTE 1
R23	W	L-862	120	100	115+99.3	84.7 LT	SEE NOTE 1
R24	W	L-862	120	100	117+99.2	84.9 LT	SEE NOTE 1
R25	W	L-862	120	100	119+99.5	84.7 LT	SEE NOTE 1
R26	W	L-862	120	100	121+99.8	84.7 LT	SEE NOTE 1
R27	W	L-862	120	100	124+00.2	84.7 LT	SEE NOTE 1
R28	W	L-862	120	100	126+00.2	84.9 LT	SEE NOTE 1
R29	W	L-862	120	100	128+00.1	84.8 LT	SEE NOTE 1
R30	W	L-862	120	100	129+99.8	84.7 LT	SEE NOTE 1
R31	W	L-862	120	100	132+00.0	84.9 LT	SEE NOTE 1
R32	W	L-862	120	100	133+99.7	85.0 LT	SEE NOTE 1
R33	W	L-862	120	100	135+99.7	85.1 LT	SEE NOTE 1
R34	W	L-862	120	100	137+99.7	85.0 LT	SEE NOTE 1
R35	W	L-862	120	100	139+99.6	85.1 LT	SEE NOTE 1

RUNWAY EDGE LIGHT SCHEDULE

NUM	LENS COLOR	TYPE	LAMP WATTS	XFMR WATTS	STATION	OFFSET	REMARKS
R36	W	L-862	120	100	141+99.5	85.0 LT	SEE NOTE 1
R37	W	L-862	120	100	143+99.7	85.1 LT	SEE NOTE 1
R38	Y-W	L-862	120	100	145+99.4	85.1 LT	SEE NOTE 1
R39	Y-W	L-862	120	100	147+99.5	85.3 LT	SEE NOTE 1
R40	Y-W	L-862	120	100	149+99.6	85.2 LT	SEE NOTE 1
R41	Y-W	L-862	120	100	151+99.7	85.1 LT	SEE NOTE 1
R42	Y-W	L-862	120	100	153+99.7	85.1 LT	SEE NOTE 1
R43	Y-W	L-862	120	100	155+99.5	84.9 LT	SEE NOTE 1
R44	Y-W	L-862	120	100	157+99.6	85.0 LT	SEE NOTE 1
R45	Y-W	L-862	120	100	159+99.6	85.1 LT	SEE NOTE 1
R46	Y-W	L-862	120	100	161+99.6	84.9 LT	SEE NOTE 1
R47	Y-W	L-862	120	100	163+45.5	85.0 LT	SEE NOTE 1
R48	Y-G	L-862	120	100	164+10.0	85.2 LT	
R49	O-G	L-862E	200	200	164+10.0	95.2 LT	
R50	O-G	L-862E	200	200	164+10.0	105.2 LT	
R51	O-G	L-862E	200	200	164+10.0	115.2 LT	
R52	R	L-862E	200	200	166+02.0	85.2 LT	14" OVERALL HEIGHT
R53	R	L-862E	200	200	166+02.0	75.2 LT	14" OVERALL HEIGHT
R54	R	L-862E	200	200	166+02.0	65.2 LT	14" OVERALL HEIGHT
R55	R	L-862E	200	200	166+02.0	55.2 LT	14" OVERALL HEIGHT
R56	R	L-862E	200	200	166+02.0	54.9 RT	14" OVERALL HEIGHT
R57	R	L-862E	200	200	166+02.0	64.9 RT	14" OVERALL HEIGHT
R58	R	L-862E	200	200	166+02.0	74.9 RT	14" OVERALL HEIGHT
R59	R	L-862E	200	200	166+02.0	84.9 RT	14" OVERALL HEIGHT
R60	O-G	L-862E	200	200	164+10.0	114.9 RT	
R61	O-G	L-862E	200	200	164+10.0	104.9 RT	
R62	O-G	L-862E	200	200	164+10.0	94.9 RT	
R63	Y-G	L-862	120	100	164+10.0	84.9 RT	
R64	Y-W	L-862	120	100	161+85.6	85.1 RT	SEE NOTE 1
R65	Y-W	L-862	120	100	160+00.6	84.9 RT	SEE NOTE 1
R66	Y-W	L-862	120	100	158+00.2	85.0 RT	SEE NOTE 1
R67	Y-W	L-862	120	100	156+00.0	85.0 RT	SEE NOTE 1
R68	Y-W	L-862	120	100	153+99.8	84.9 RT	SEE NOTE 1
R69	Y-W	L-862	120	100	152+00.0	85.0 RT	SEE NOTE 1
R70	Y-W	L-862	120	100	150+00.0	84.9 RT	SEE NOTE 1

RUNWAY EDGE LIGHT SCHEDULE

NUM	LENS COLOR	TYPE	LAMP WATTS	XFMR WATTS	STATION	OFFSET	REMARKS
R71	Y-W	L-862	120	100	147+99.8	84.8 RT	SEE NOTE 1
R72	Y-W	L-862	120	100	145+99.7	85.0 RT	SEE NOTE 1
R73	W	L-862	120	100	143+99.8	85.0 RT	SEE NOTE 1
R74	W	L-862	120	100	141+99.7	85.1 RT	SEE NOTE 1
R75	W	L-862	120	100	139+99.6	85.1 RT	SEE NOTE 1
R76	W	L-862	120	100	139+50.2	85.0 RT	SEE NOTE 1
R77	W	L-862	120	100	135+11.7	85.0 RT	SEE NOTE 1
R78	W	L-862	120	100	133+99.8	85.1 RT	SEE NOTE 1
R79	W	L-862	120	100	131+99.9	85.1 RT	SEE NOTE 1
R80	W	L-862	120	100	129+99.9	85.1 RT	SEE NOTE 1
R81	W	L-862	120	100	128+00.0	85.2 RT	SEE NOTE 1
R82	W	L-862	120	100	126+00.1	85.0 RT	SEE NOTE 1
R83	W	L-862	120	100	124+00.1	85.0 RT	SEE NOTE 1
R84	W	L-862	120	100	122+00.2	85.3 RT	SEE NOTE 1
R85	W	L-862	120	100	120+00.3	85.0 RT	SEE NOTE 1
R86	W	L-862	120	100	118+00.4	85.1 RT	SEE NOTE 1
R87	W	L-862	120	100	116+00.5	85.2 RT	SEE NOTE 1
R88	W-Y	L-862	120	100	114+00.4	85.0 RT	SEE NOTE 1
R89	W-Y	L-862	120	100	112+00.4	85.2 RT	SEE NOTE 1
R90	W-Y	L-862	120	100	110+00.6	85.1 RT	SEE NOTE 1
R91	W-Y	L-862	120	100	108+00.3	84.9 RT	SEE NOTE 1
R92	W-Y	L-862	120	100	106+00.4	85.1 RT	SEE NOTE 1
R93	W-Y	L-862	120	100	104+00.5	85.2 RT	SEE NOTE 1
R94	W-Y	L-862	120	100	102+00.4	85.1 RT	SEE NOTE 1
R95	W-Y	L-862	120	100	101+00.3	85.1 RT	SEE NOTE 1
R96	W-Y	L-862	120	100	98+98.1	85.1 RT	SEE NOTE 1
R97	W-Y	L-862	120	100	97+39.1	85.1 RT	
R98	G-Y	L-862	120	100	95+80.0	85.2 RT	
R99	G-O	L-862E	200	200	95+80.0	95.2 RT	
R100	G-O	L-862E	200	200	95+80.0	105.2 RT	
R101	G-O	L-862E	200	200	95+80.0	115.2 RT	

NOTES:
1. INSTALL NEW L-867 LIGHT BASE EXTENSION (OR SPACER RING), LIGHT FIXTURE, SUPPORT COLUMN, FRANGIBLE COUPLING, BASEPLATE, AND GASKET ON EXISTING LIGHT BASE. CONNECT NEW FIXTURE TO EXISTING TRANSFORMER. FIELD VERIFY HEIGHT OF LIGHT BASE EXTENSION REQUIRED FOR ADJUSTMENT TO NEW FINISHED GRADE AT EACH LOCATION (ESTIMATED 2").

HANDHOLE AND JUNCTION BOX SCHEDULE

NUM	TYPE	SIZE	STATION	OFFSET	REMARKS
HH1	I	LB-4	SEE SHEET G15	- -	PAID UNDER L-132a
HH2	I	LB-4	SEE SHEET G15	- -	PAID UNDER L-132a
HH3	I	D	98+87.9	146.2 RT	PAID UNDER L-132a
HH4	I	B	100+79.4	275.1 RT	
HH5	I	B	101+29.7	96.9 RT	
HH6	I	B	106+27.6	96.9 RT	
HH7	I	D	107+78.3	106.6 RT	PAID UNDER L-132b
HH8	I	D	113+66.1	158.1 RT	PAID UNDER L-132b
HH9	I	B	113+74.5	148.4 RT	
HH10	I	B	163.97.3	87.9 RT	
HH11	I	B	164+78.3	395.9 RT	
JB1	DETAIL 4/G13		101+60.0	106.6 RT	PAID UNDER L-132b
JB2	DETAIL 4/G13		109+95.0	106.6 RT	PAID UNDER L-132b

NOTE: LOCATIONS ARE APPROXIMATE, FIELD LOCATE HANDHOLES AND JUNCTION BOXES

SIGN SCHEDULE

NUM	SIDE	PANEL	LEGEND	TYPE	LEGEND COLOR	FACE COLOR	STATION	OFFSET	SIZE	STYLE	CLASS	MODE	REMARKS
S1	1	1	6	L-858B	WHITE	BLACK	105+00.0	100.0 RT	5	3	2	3	
	2	1	1	L-858B	WHITE	BLACK							
S2	1	1	5	L-858B	WHITE	BLACK	115+00.0	100.0 RT	5	3	2	3	
	2	1	2	L-858B	WHITE	BLACK							
S3	1	1	4	L-858B	WHITE	BLACK	125+00.0	100.0 RT	5	3	2	3	
	2	1	3	L-858B	WHITE	BLACK							
S4	1	1	3	L-858B	WHITE	BLACK	135+00.0	100.0 RT	5	3	2	3	
	2	1	4	L-858B	WHITE	BLACK							
S5	1	1	2	L-858B	WHITE	BLACK	145+00.0	100.0 RT	5	3	2	3	
	2	1	5	L-858B	WHITE	BLACK							
S6	1	1	1	L-858B	WHITE	BLACK	155+00.0	100.0 RT	5	3	2	3	
	2	1	6	L-858B	WHITE	BLACK							

STATION AND OFFSET INDICATED IS AT CENTER OF SIGN DEPTH ON END NEAREST TO EDGE OF RUNWAY OR TAXIWAY UNLESS OTHERWISE INDICATED.

NOTE: TRANSFORMERS SHALL BE SIZED AS RECOMMENDED BY THE SIGN MANUFACTURER.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: I:\1320500\Dwgs\E\Sheets\1320500_G6-G11.dwg

Tue, 18/Dec/12 09:08AM lschneller

TAB: G10

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SCHEDULES

SITKA ROCKY GUTIERREZ AIRPORT 11/29 RUNWAY OVERLAY PROJECT #69652

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

Proj. Eng. _____ Date 2/17/14

PREPARED BY: USKH INC.

CHECKED BY: GRH

STATE OF ALASKA 49 TH LUCAS SCHNELLER EE-11399 REGISTERED PROFESSIONAL ENGINEER 12/18/12

DESIGNED BY: LPS

DRAWN BY: LPS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

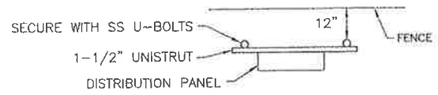
SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

SCHEDULES

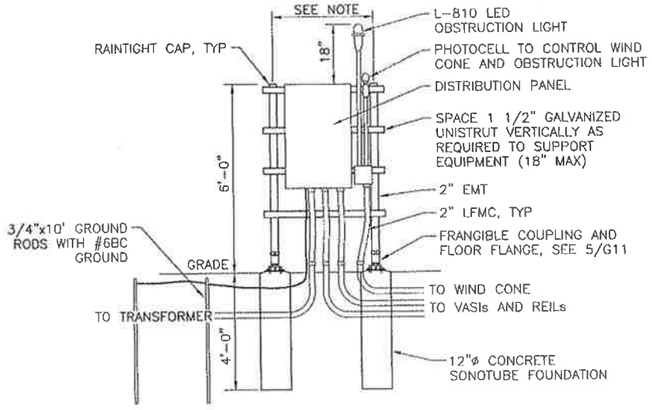
PROJECT DESIGNATIONS

69652/3-02-0268-028-2011
3-02-0268-029-2013

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
G10	49

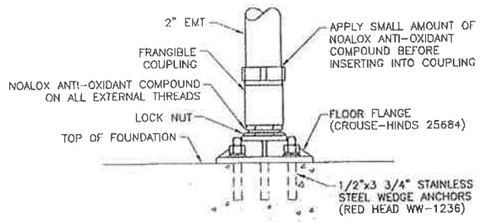


PLAN VIEW

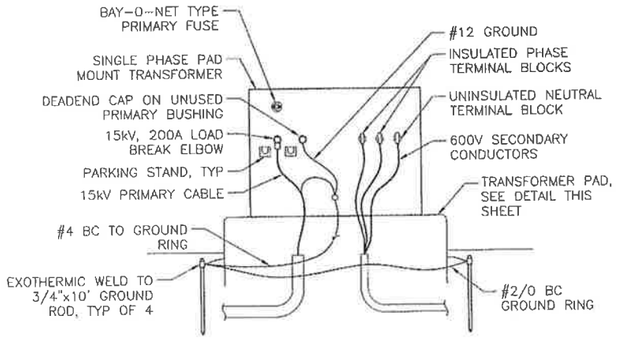


NOTE:
ADJUST WIDTH AS REQUIRED FOR EQUIPMENT INSTALLED AT EACH LOCATION, 24" MINIMUM, 36" MAXIMUM, IF LONGER SUPPORTS ARE NEEDED, PROVIDE ADDITIONAL POSTS

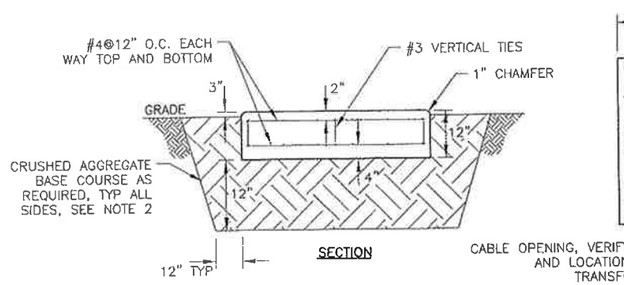
1 / G11 DISTRIBUTION PANEL DETAILS
NTS



5 / G11 FRANGIBLE LEG DETAIL
NTS



2 / G11 TRANSFORMER DETAIL
NTS



NOTES:
1. CONCRETE SHALL MEET THE REQUIREMENTS OF SPECIFICATION P-610.
2. UNLESS OTHERWISE DIRECTED BY THE ENGINEER, EXCAVATE TO PROVIDE A MINIMUM OF 12" OF CRUSHED AGGREGATE BASE COURSE BENEATH FOUNDATIONS.

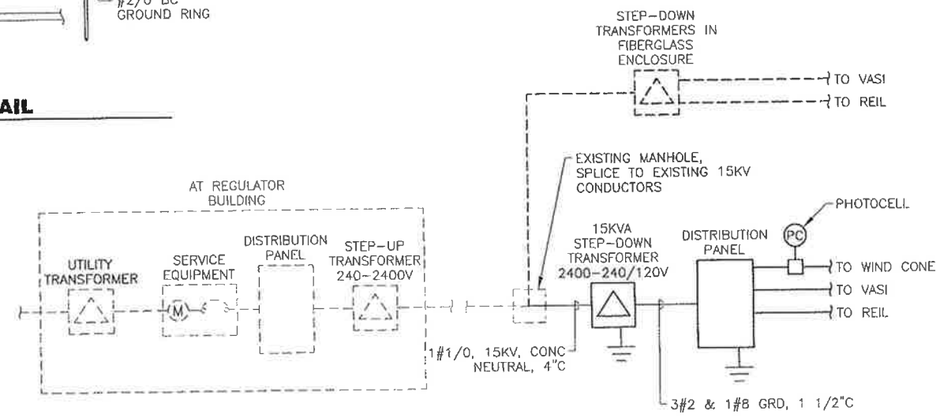
3 / G11 TRANSFORMER PAD DETAILS
NTS

DISTRIBUTION PANEL

CKT	LOAD	BRANCH BKR	BRANCH VA	CONN KVA A	CONN KVA B	BRANCH VA	BRANCH BKR	LOAD	CKT
1	VASI – RW 29	30/2	1800	1.9		100	20/1	WIND CONE – RW 29	2
3			1800		1.8				4
5	REIL – RW 29	30/2	1500	1.5					6
7			1500		1.5				8
9				0.0					10
11					0.0				12
13				0.0					14
15					0.0				16
17				0.0					18
19					0.0				20
	CONNECTED LOAD		6.7 KVA	3.4	3.3				
			28 AMPS	28	28				
	NEC DEMAND		8.3 KVA						
			34 AMPS						

PANEL NOTES
1. PROVIDE PANEL WITH STAINLESS STEEL NEMA 4X ENCLOSURE.

PANEL SPECIFICATIONS
MAINS RATING AMPS – 100
MAIN CIRCUIT BREAKER AMPERES – 80
CAPACITY ONE-POLE CIRCUITS – 20
SYSTEM VOLTAGE – 240/120
PHASE, NO. OF WIRES – 1 PH, 3 W
AIC RATING – 10,000
MOUNTING – SURFACE



NOTES:
1. UNDERGROUND CONDUITS SHALL BE HDPE UNLESS OTHERWISE INDICATED ON THE PLANS. TRANSITION TO RMC PRIOR TO THE ELBOW OR 2' OUTSIDE STRUCTURE FOOTPRINT, WHICHEVER COMES FIRST, FOR STUB-UPS TO EQUIPMENT OR STRUCTURES.

RISER DIAGRAM LEGEND
- – – – – EXISTING TO REMAIN
- – – – – EXISTING TO BE REMOVED
- ——— NEW WORK

⏚ INDICATES CONNECTION TO GROUND RING (WHERE PRESENT) OR (2) 3/4"x10' GROUND RODS CONNECTED BY #6BC (WHERE GROUND RING IS NOT PRESENT)

4 / G11 ELECTRICAL RISER DIAGRAM
NTS

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. _____ Date 2/17/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: I:\1320500\Dwgs\E\Sheets\1320500_G6-G11.dwg
Tue, 18/Dec/12 09:08AM lschneller
TAB: G11

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

DETAILS

PREPARED BY: USKH INC.
CHECKED BY: GRH

STATE OF ALASKA 49TH LUCAS SCHNELLER EE-11399 REGISTERED PROFESSIONAL ENGINEER 12/18/12

DESIGNED BY: LPS
DRAWN BY: LPS

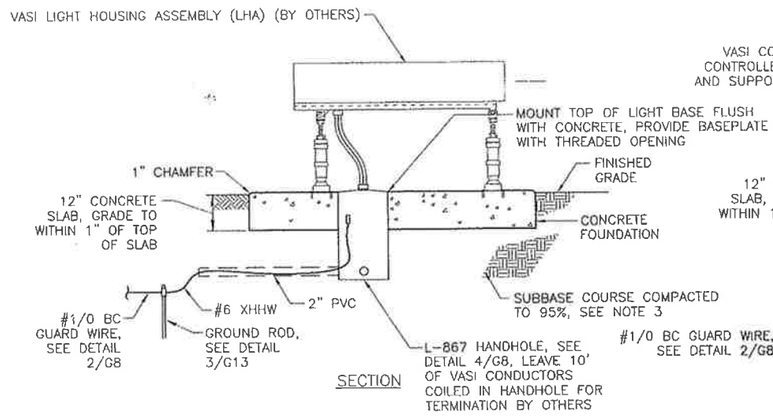
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

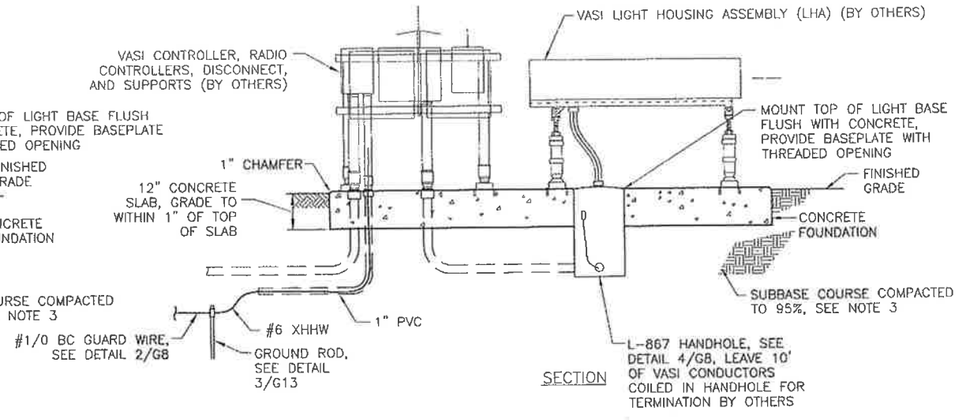
SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

DETAILS

PROJECT DESIGNATIONS
69652/3-02-0268-028-2011
3-02-0268-029-2013

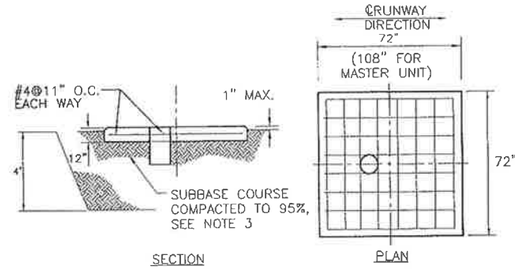
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
G11	49



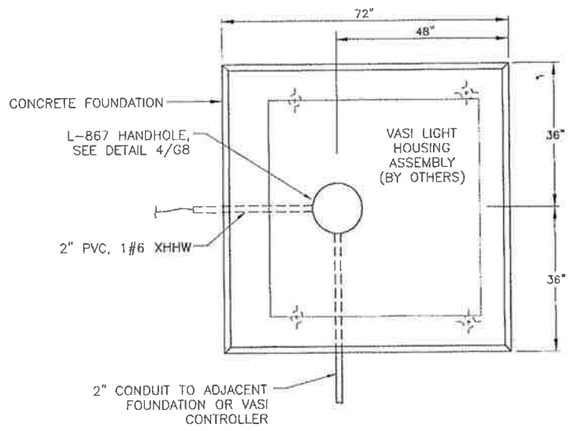


NOTES:

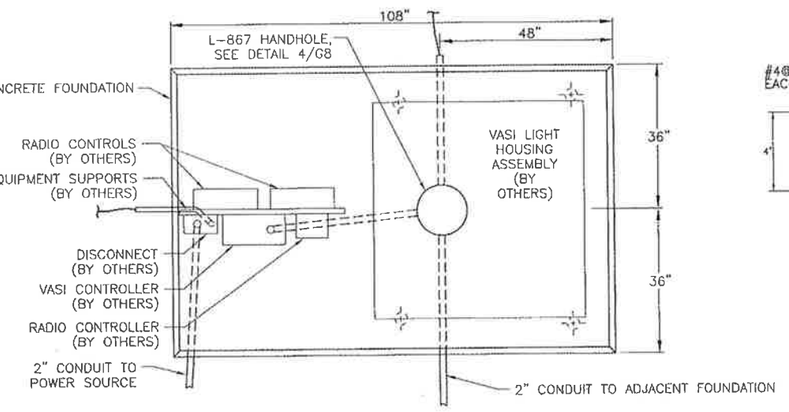
1. INSTALL NEW FOUNDATIONS, HANDHOLES, CONDUIT, AND CONDUCTORS. VASI EQUIPMENT TO BE INSTALLED BY FAA. LEAVE 10' OF SPARE CONDUCTOR COILED FOR CONNECTION BY FAA. SEE NAVAID RESPONSIBILITIES MATRIX ON SHEET G1 FOR MORE INFORMATION.
2. CONCRETE AND REINFORCING STEEL SHALL MEET THE REQUIREMENTS OF SECTION P-610.
3. PRIOR TO PLACING FORMS, ENSURE ONLY SUBBASE COURSE MEETING THE REQUIREMENTS OF SECTION P-154 AND COMPACTED TO 95% IS BELOW ALL FOUNDATIONS. IF SUBBASE COURSE IS NOT PRESENT, EXCAVATE AS REQUIRED TO PROVIDE A MINIMUM OF 4 FEET OF SUBBASE COURSE BENEATH VASI FOUNDATIONS. PLACE FILL IN 8" LIFTS AND COMPACT TO 95% OF MAXIMUM DENSITY AS DETERMINED BY WAQTC FOP OR ATM 212.
4. FAA WILL DRILL HOLES AND INSTALL ADHESIVE ANCHOR RODS WHEN INSTALLING VASI EQUIPMENT.
5. PROVIDE AS-BUILT LOCATIONS BY A REGISTERED SURVEYOR.
6. ALL UNITS IN A BAR SHALL BE LOCATED ON A LINE PERPENDICULAR TO THE RUNWAY CENTERLINE. THE FRONT FACES OF EACH LIGHT UNIT MUST BE WITHIN +6" OF THIS LINE.



1 G12 **VASI FOUNDATION**
NTS



3 G12 **LIGHT HOUSING ASSEMBLY (LHA) - SLAVE**
NTS



2 G12 **LIGHT HOUSING ASSEMBLY (LHA) - MASTER**
NTS

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. D. Merrill Date 2/17/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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ADDENDUM NUMBER
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

VASI DETAILS

PREPARED BY: USKH INC.
CHECKED BY: GRH

STATE OF ALASKA 49TH — LUCAS SCHNELLER EE-11399 — REGISTERED PROFESSIONAL ENGINEER — 12/18/12

DESIGNED BY: LPS
DRAWN BY: LPS

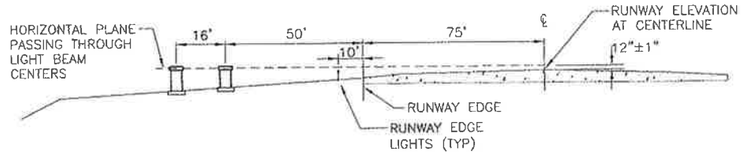
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

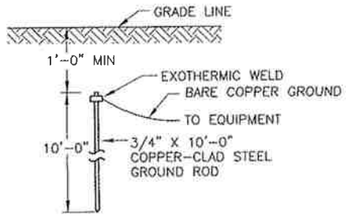
VASI DETAILS

PROJECT DESIGNATIONS
69652/3-02-0268-028-2011
3-02-0268-029-2013

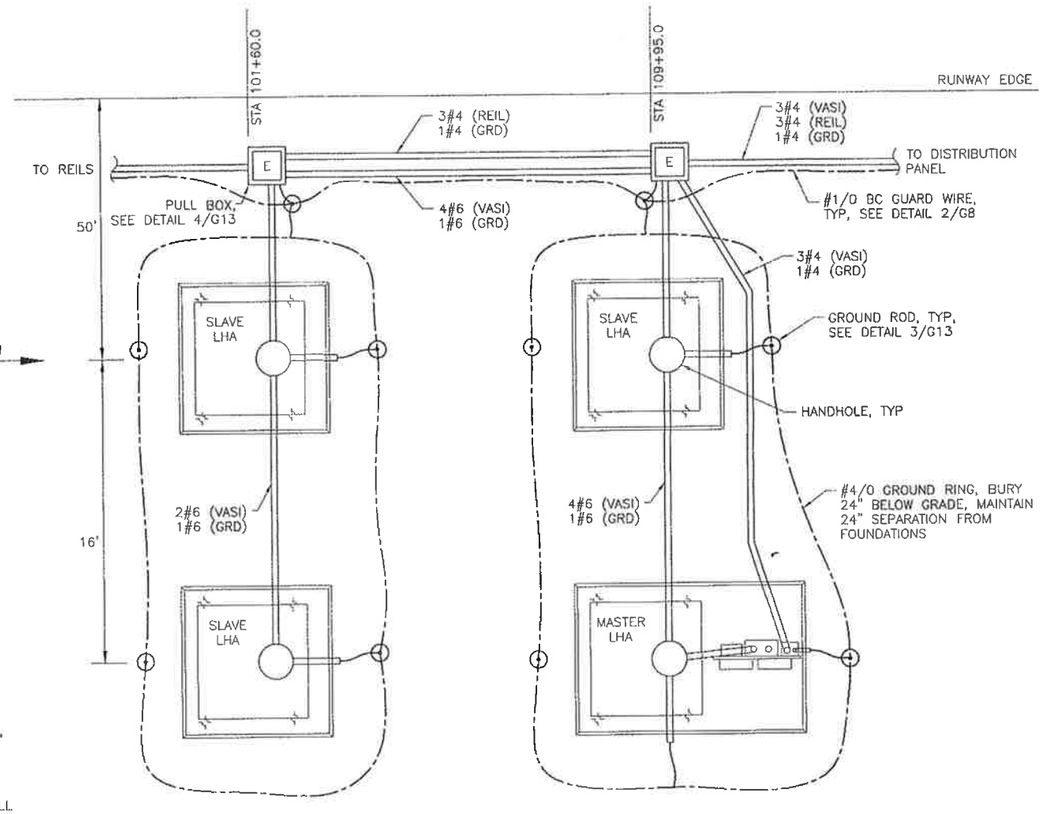
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
G12	49



2/G13 VASI ELEVATION
NTS

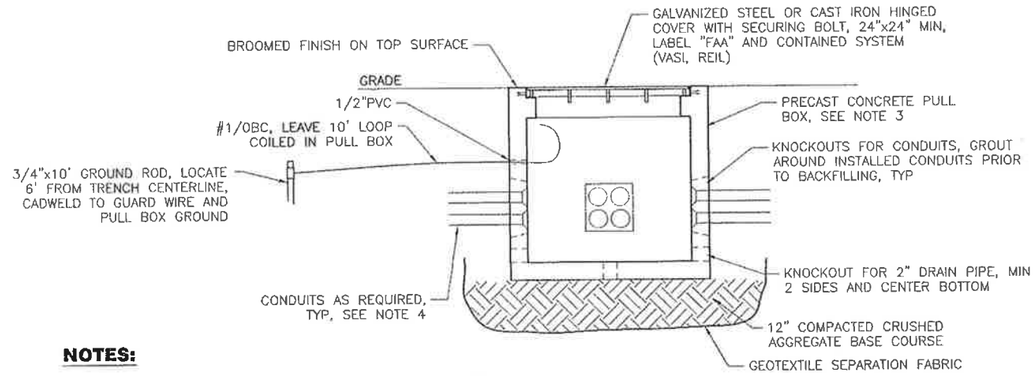


3/G13 GROUND ROD INSTALLATION DETAIL
NTS



NOTE:
FIELD VERIFY WIRING REQUIREMENTS WITH VASI EQUIPMENT PRIOR TO INSTALLING CONDUCTORS

1/G13 VASI SCHEMATIC LAYOUT
NTS



NOTES:

1. PULL BOX, FRAME, AND COVER SHALL BE RATED FOR WHEEL LOADING BASED ON LOCATION:
   AIRCRAFT AREA (WITHIN RSA) – 100,000 LB. LOAD
   NON-AIRCRAFT AREA – H-20 WHEEL LOADING
2. CAST IRON HINGED COVERS SHALL BE PROVIDED WITH SPRING ASSIST MECHANISM.
3. PULL BOXES SHALL BE 30"x30" OR 24"x36" MINIMUM INSIDE UNLESS OTHERWISE INDICATED. PULL BOX FLOOR SHALL BE 36" MIN BELOW GRADE TO ALLOW CONDUITS TO SLOPE AND DRAIN TO MANHOLE.
4. METALLIC CONDUIT SHALL EXTEND 2" INTO PULL BOX AND TERMINATE WITH AN INSULATED GROUNDING BUSHING BONDED TO THE #1/0 BC PULL BOX GROUND. NON-METALLIC CONDUIT SHALL TERMINATE USING A TERMINATION FITTING CAST INTO THE PULL BOX WALL OR SHALL EXTEND 2" INTO PULL BOX AND HAVE THE ENDS REAMED TO PREVENT CONDUCTOR INSULATION DAMAGE.
5. SECURE CABLES TO PULL BOX WALLS USING MASONRY PUSH MOUNTS IN DRILLED HOLES. MAINTAIN 6" SEPARATION BETWEEN POWER AND CONTROL CABLES.

4/G13 PULL BOX DETAIL
NTS

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. DRuwe Date 2/17/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

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ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

VASI DETAILS

PREPARED BY: USKH INC.
CHECKED BY: GRH

STATE OF ALASKA 49TH LUCAS SCHNELLER EE-11309 REGISTERED PROFESSIONAL ENGINEER 12/18/12

DESIGNED BY: LPS
DRAWN BY: LPS

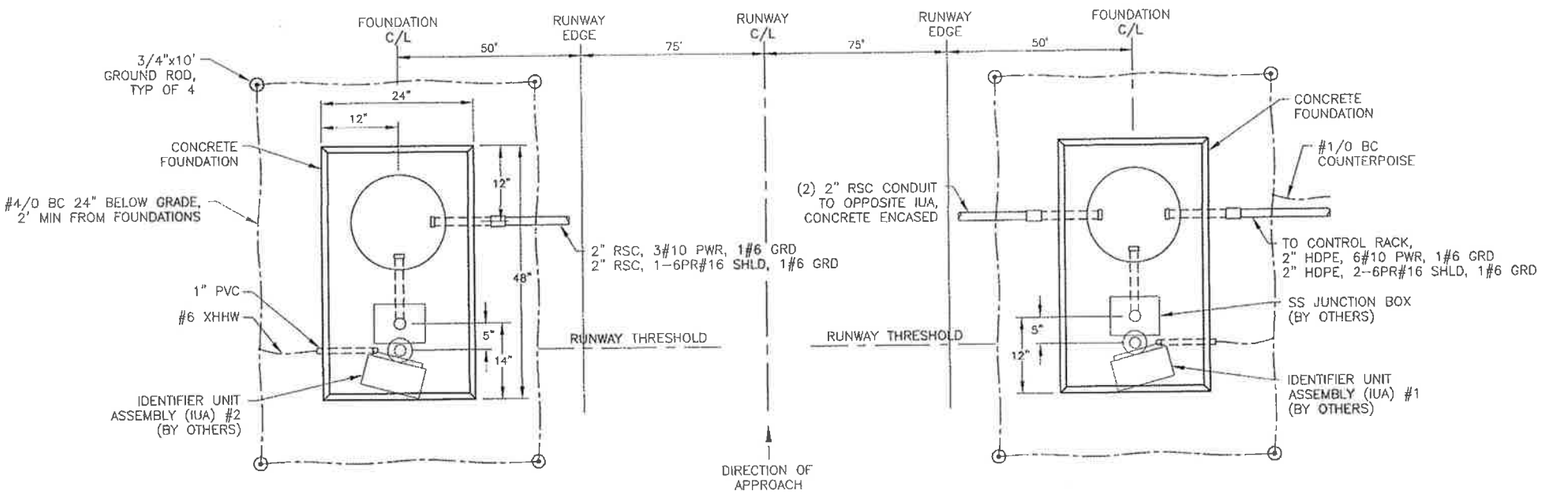
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

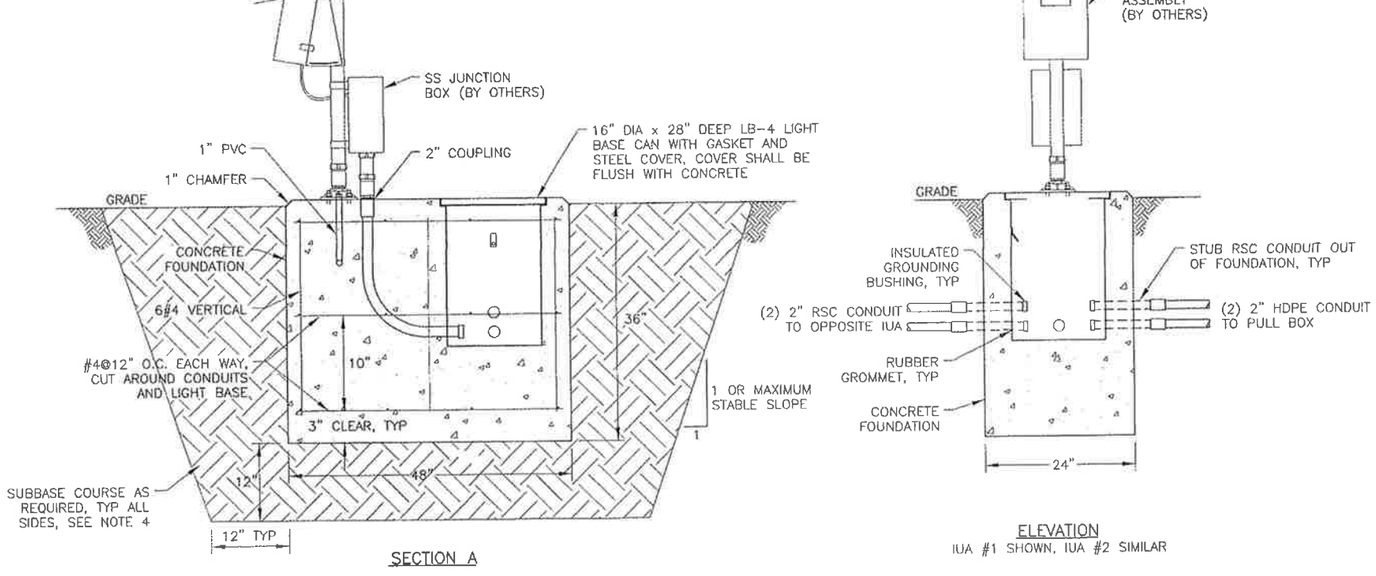
VASI DETAILS

PROJECT DESIGNATIONS
69652/3-02-0268-028-2011
3-02-0268-029-2013

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
G13	49



1 G14 **REIL FOUNDATION LAYOUT**
NTS



2 G14 **IDENTIFIER UNIT ASSEMBLY DETAILS**
NTS

NOTES:

1. FAA WILL REMOVE & INSTALL THE REIL SYSTEM EQUIPMENT. SEE NAVAID RESPONSIBILITIES MATRIX ON SHEET G1.
2. CONCRETE AND REINFORCING STEEL SHALL MEET THE REQUIREMENTS OF SPECIFICATION P-610.
3. FAA WILL DRILL HOLES AND INSTALL ANCHORS WHEN INSTALLING REIL EQUIPMENT.
4. UNLESS OTHERWISE DIRECTED BY THE ENGINEER, EXCAVATE TO PROVIDE A MINIMUM OF 12" OF SUBBASE COURSE MEETING THE REQUIREMENTS OF SECTION P-154 BENEATH FOUNDATIONS.
5. PROVIDE AS-BUILT LOCATIONS BY A REGISTERED SURVEYOR.

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
Proj. Eng. [signature] Date 2/17/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: I:\1320500\Dwgs\E\Sheets\1320500_G14-G15.dwg
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TAB: G14

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

REIL DETAILS

PREPARED BY: USKH INC.

CHECKED BY: GRH

STATE OF ALASKA 49TH LUCAS SCHNELLER EE-11399 REGISTERED PROFESSIONAL ENGINEER 12/18/12

DESIGNED BY: LPS

DRAWN BY: LPS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

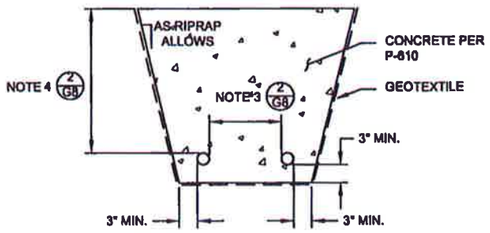
REIL DETAILS

PROJECT DESIGNATIONS
69652/3-02-0268-028-2011 3-02-0268-029-2013

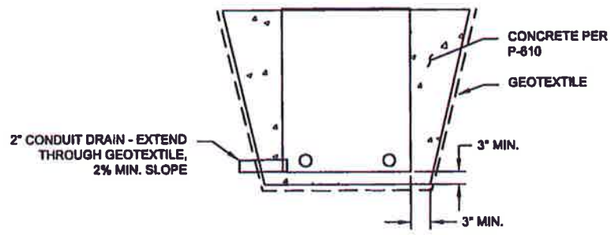
STATE	YEAR
ALASKA	2012

SHEET NUMBER	TOTAL SHEETS
G14	49

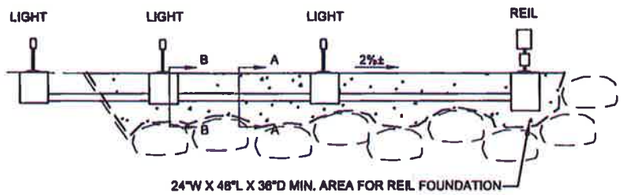
CO # 4 New item P-132c
Encase 29 REIL conduit



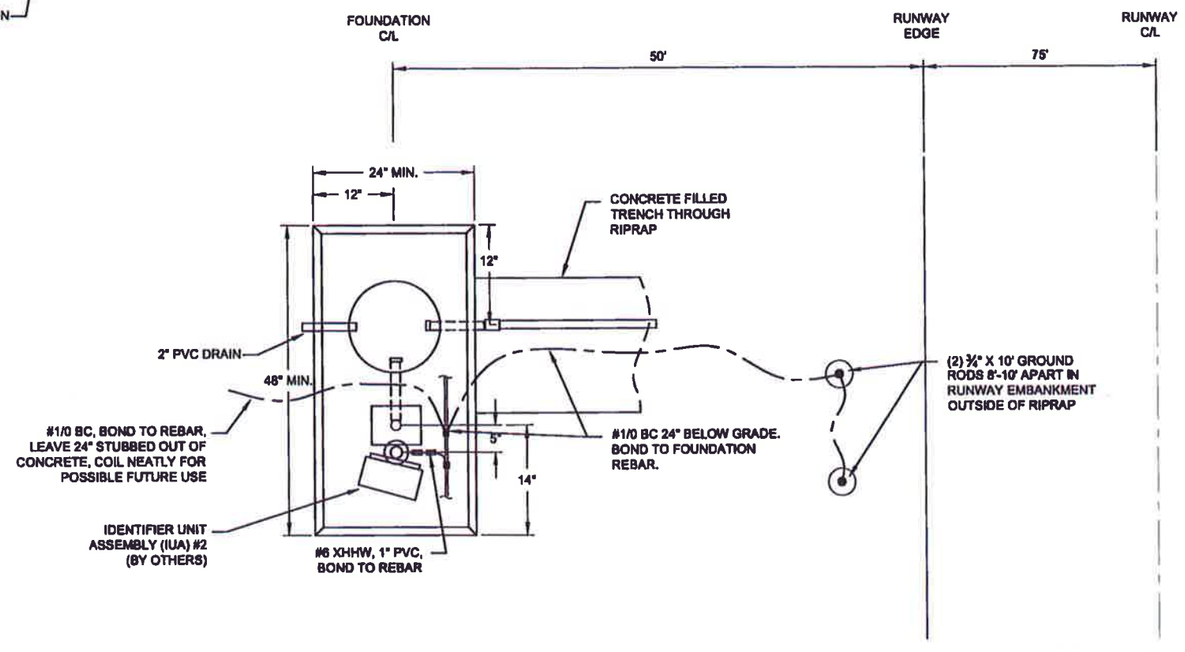
SECTION A-A
TRENCH DETAIL



SECTION B-B
LIGHT HANDHOLE DETAIL



TRENCH THROUGH RIPRAP DETAIL



REIL THROUGH RIPRAP DETAIL
REPLACES LEFTHAND SIDE OF DETAIL 1/G14

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE C. Tripp Date 2/17/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: \1320500\DWGS\E\SHEETS\TRENCH DETAIL.DWG
LUCAS SCHNELLER
TAB: 1 Monday, April 08, 2013 3:56:45 PM

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

STATE OF ALASKA 49th CHARLES M. TRIPP CE-9613 REGISTERED PROFESSIONAL ENGINEER 4/8/13

PLAN LEGEND

CHECKED BY: L. SCHNELLER

STATE OF ALASKA 49th LUCAS SCHNELLER EE-11399 REGISTERED PROFESSIONAL ENGINEER 4/8/13

DESIGNED BY: C. TRIPP
DRAWN BY: J.WEAVER

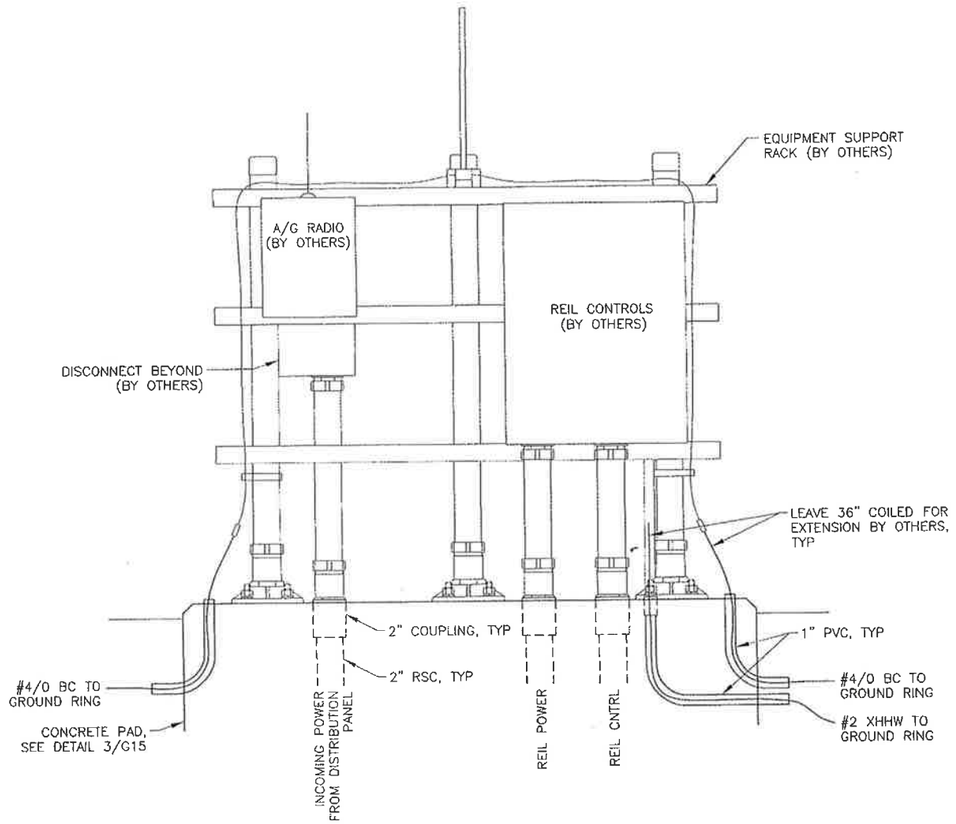
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69852

TRENCH THROUGH RIPRAP DETAILS

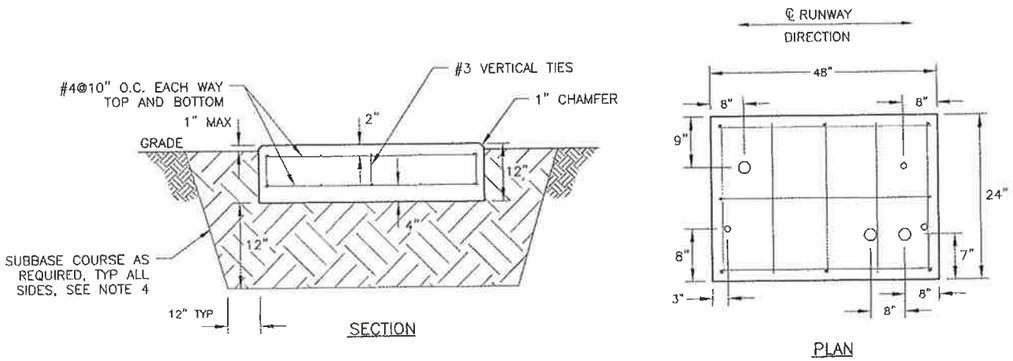
PROJECT DESIGNATION	
69852/3-02-0268-2011 3-02-0268-029-2013	
STATE	YEAR
ALASKA	2013
SHEET NUMBER	TOTAL SHEETS
1	1

G-14A



2 G15 REIL CONTROL EQUIPMENT DETAIL

NTS

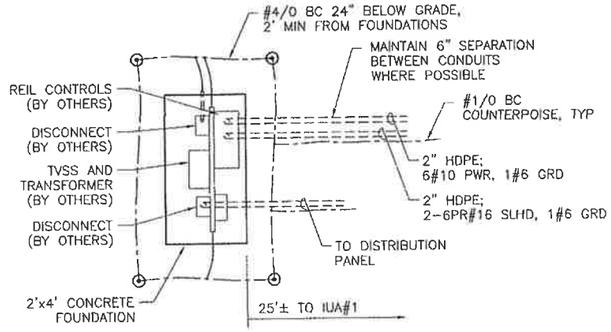


3 G15 EQUIPMENT PAD DETAILS

NTS

NOTES:

1. FAA WILL INSTALL THE REIL SYSTEM EQUIPMENT, SEE NAVAID RESPONSIBILITIES MATRIX ON SHEET G1.
2. CONCRETE AND REINFORCING STEEL SHALL MEET THE REQUIREMENTS OF SPECIFICATION P-610.
3. FAA WILL DRILL HOLES AND INSTALL ANCHORS WHEN INSTALLING REIL EQUIPMENT.
4. UNLESS OTHERWISE DIRECTED BY THE ENGINEER, EXCAVATE TO PROVIDE A MINIMUM OF 12" OF SUBBASE COURSE MEETING THE REQUIREMENTS OF SECTION P-154 BENEATH FOUNDATIONS.
5. PROVIDE AS-BUILT LOCATIONS BY A REGISTERED SURVEYOR.



1 G15 REIL CONTROL EQUIPMENT LAYOUT

NTS

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 2/17/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: I:\1320500\Dwgs\E\Sheets\1320500_G14-G15.dwg

Tue, 18/Dec/12 09:08AM lschneller

TAB: G15

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

REIL DETAILS

PREPARED BY: USKH INC.

CHECKED BY: GRH

STATE OF ALASKA 49 TH LUCAS SCHNELLER EE-11399 REGISTERED PROFESSIONAL ENGINEER 12/18/12

DESIGNED BY: LPS

DRAWN BY: LPS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

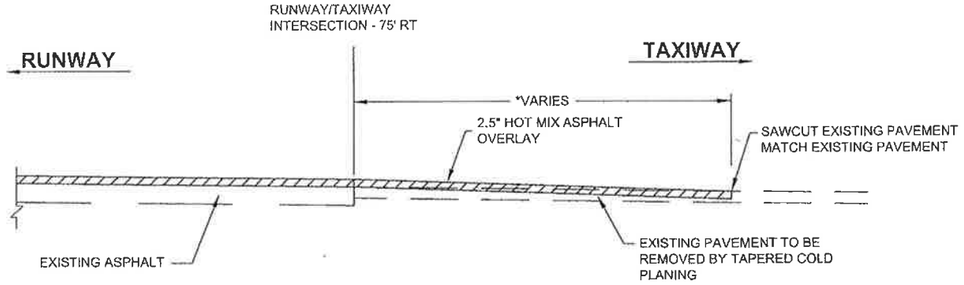
REIL DETAILS

PROJECT DESIGNATIONS

69652/3-02-0268-028-2011
3-02-0268-029-2013

STATE	YEAR
ALASKA	2012

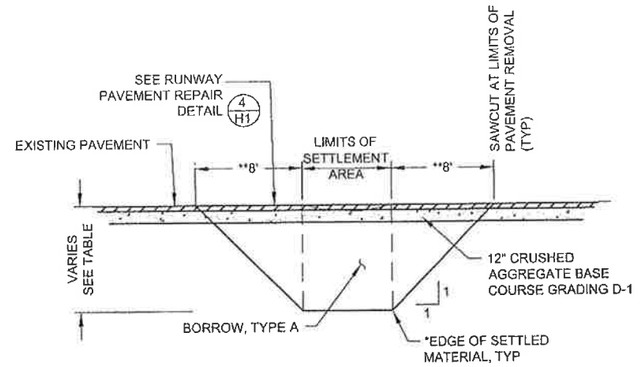
SHEET NUMBER	TOTAL SHEETS
G15	49



1 RUNWAY TO TAXIWAY
TRANSITION TAPER
N.T.S.

NOTE: PAVE TAXIWAYS TO DRAIN

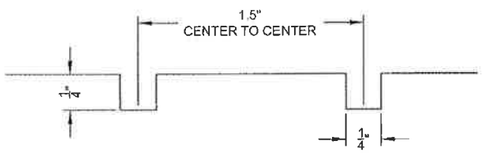
* FOR TAXIWAY A, DISTANCE IS 60'
FOR TAXIWAY B, DISTANCE IS FROM RUNWAY TO HOLD BAR, APPROX. 175'



2 TYPICAL RUNWAY REPAIR SECTION
NO SCALE

RUNWAY REPAIR SECTIONS			
STATION/OFFSET	**TOP AREA OF SETTLEMENT (S.F.)	APPROX. DEPTH (FT)	NOTES
146+40 40'LT	900	8.5	LOCATED ON A 30'x30' PATCH
156+54 15'LT	20	8.3	

*EXCAVATE EDGE UNTIL NO SETTLED MATERIAL EXISTS AT REPAIR LOCATION, TO BE ADJUSTED ON SITE.
**OR AS DIRECTED BY THE ENGINEER.

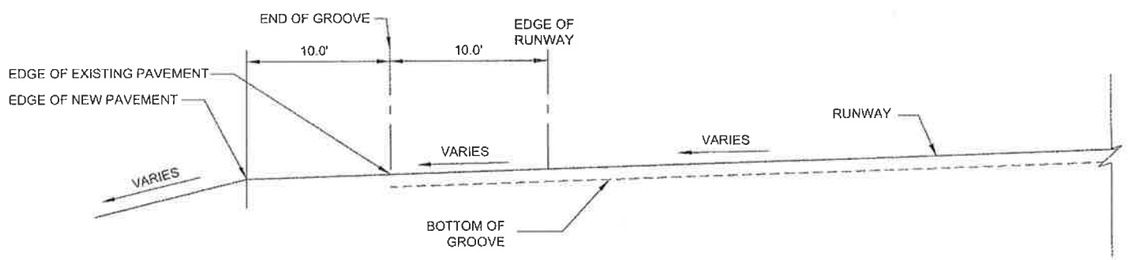


3 PAVEMENT GROOVE
SECTION VIEW

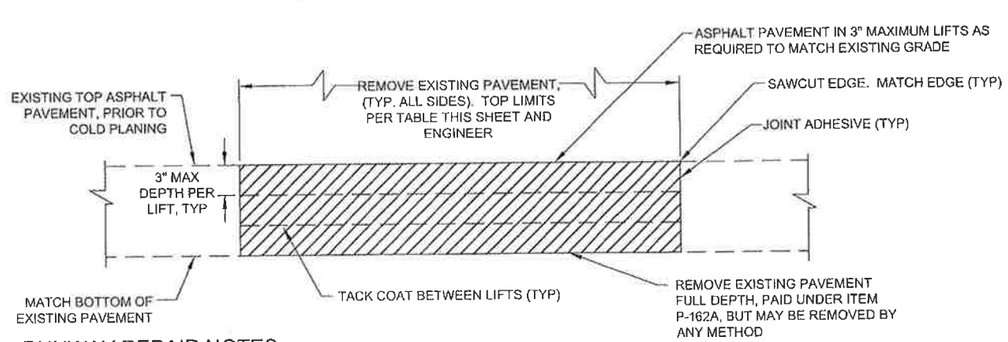
PAVEMENT GROOVE NOTES:

NEW RUNWAY FINAL PAVEMENT LIFT WILL BE GROOVED UP TO THE RUNWAY EDGE LIGHTS. THE GROOVES WILL RUN PERPENDICULAR TO CENTERLINE.

SEE SECTION P-630 OF THE SPECIFICATIONS FOR DETAILS OF THE GROOVING OPERATION.



5 PAVEMENT GROOVE
DAYLIGHT DETAIL
"O" STA 94+00 TO 166+00 LT & RT
N.T.S.



RUNWAY REPAIR NOTES:

1. DAMAGE TO ASPHALT, BEYOND LIMITS SHOWN, AS A RESULT OF CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR.
2. REPAIR AREAS IN THE ACTIVE RUNWAY MUST BE FULLY REPAIRED AND PAVED TO THE EXISTING RUNWAY GRADE PRIOR TO OPENING THE RUNWAY.

4 RUNWAY PAVEMENT REPAIR DETAIL
NO SCALE

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 8/12/14

CHECKED BY: C. TRIPP
STATE OF ALASKA
49th
Charles H. Tripp
CE-9613
REGISTERED PROFESSIONAL ENGINEER
2/17/12
DESIGNED BY: T. FAGNANT
DRAWN BY: T. FAGNANT

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

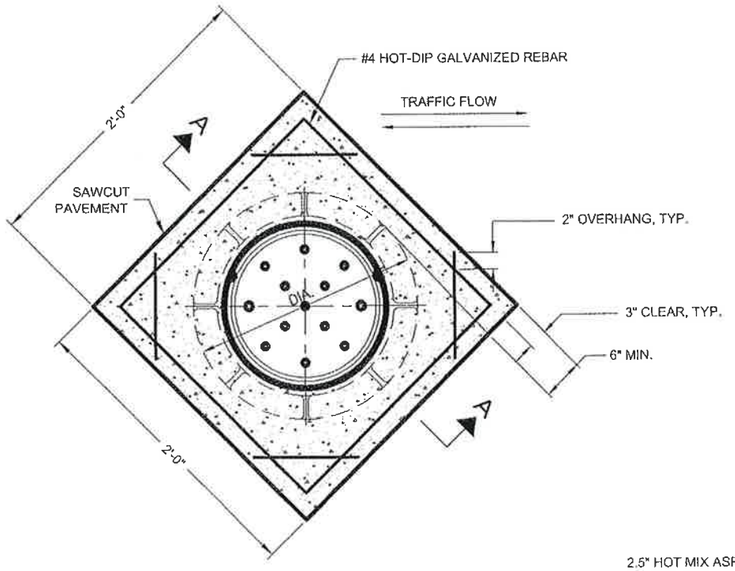
SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

MISCELLANEOUS DETAILS

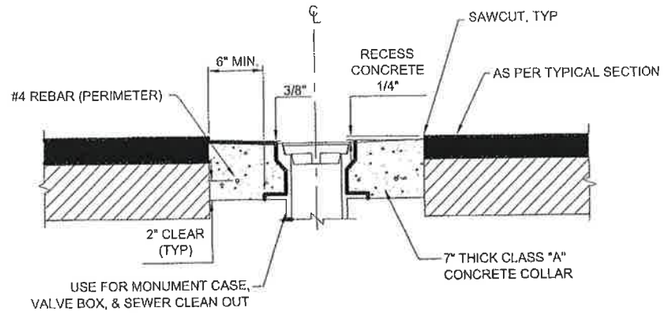
PATH: Q:\SIT\69652\ENIC3D PROJECT DATA\SOURCE DWGS\69652_H_MISCELLANEOUS_DETAILS.DWG
TAB: H1
FAGNANT, THOMAS D (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			69652/3-02-0268-028-2011 3-02-0268-029-2013	2012	H1	49

1 C/L MONUMENT CAP DETAIL



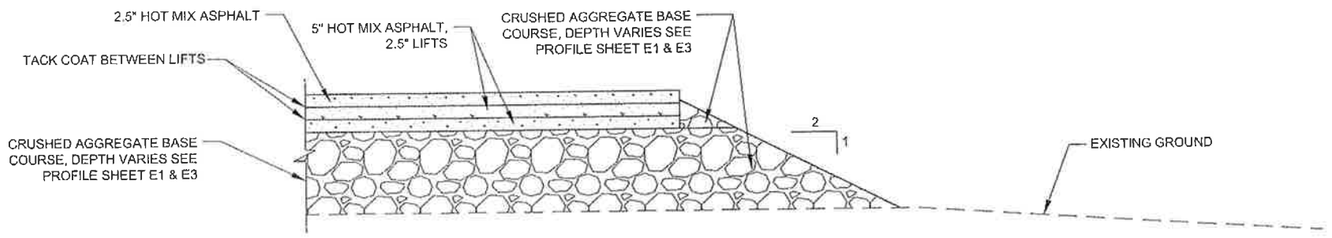
2 CLASS A CONCRETE COLLAR ENCASEMENT PLAN



SECTION A-A

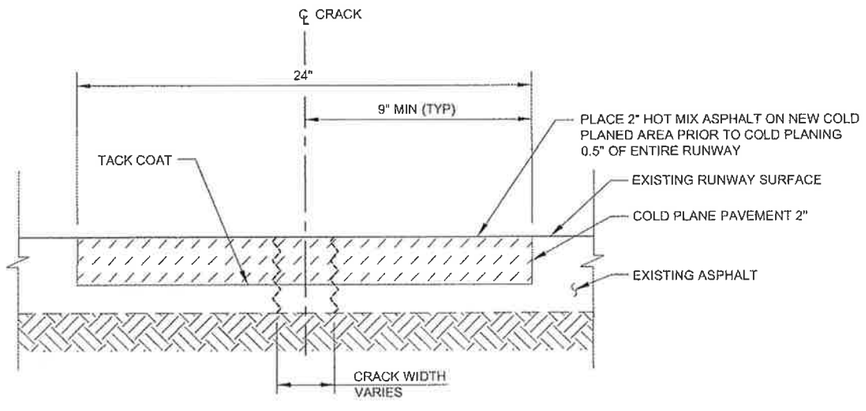
3 CLASS A CONCRETE COLLAR ENCASEMENT DETAIL

REFER TO SHEET A2 FOR LOCATIONS



5 RUNWAY END DETAIL

NTS

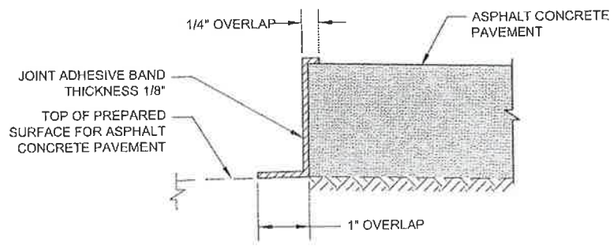


4 LONGITUDINAL JOINT REPAIR DETAIL

NTS

NOTE:

1. APPLY APPROVED TACK COAT PRIOR TO PAVING.
2. LONGITUDINAL REPAIR CONSISTS OF COLD PLANING THE EXISTING ELEVEN PAVING JOINTS 6500' TO THRESHOLDS AND REPAVING AS SHOWN.



6 JOINT ADHESIVE APPLICATION DETAIL

NTS

NOTES:

1. COMPLY WITH MANUFACTURERS APPLICATION INSTRUCTIONS.
2. APPLY JOINT ADHESIVE TO COMPLETELY COVER JOINT AS SHOWN.
3. DO NOT PAVE UNTIL JOINT ADHESIVE HAS BEEN INSPECTED AND ACCEPTED BY THE ENGINEER.

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

PE Charles H. Tripp Date 2/17/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. TRIPP

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

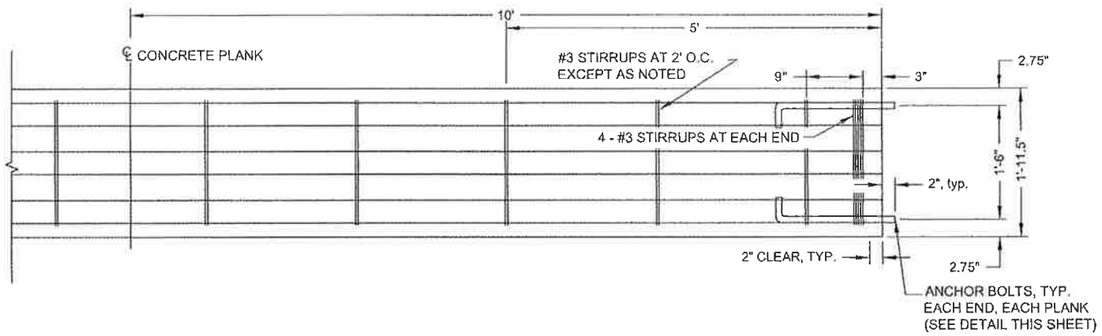
STATE OF ALASKA 49th Charles H. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER 12/18/12

DESIGNED BY: T. FAGNANT
DRAWN BY: T. FAGNANT

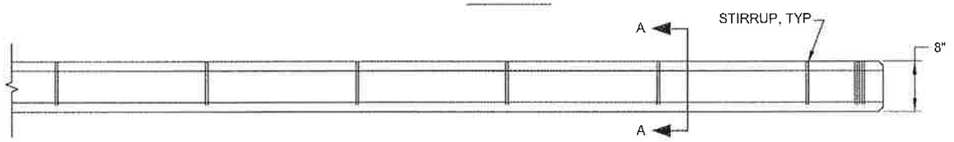
MISCELLANEOUS DETAILS

PATH: G:\SIT\69652\ENIC3D PROJECT DATA\SOURCE DWGS\69652_H_MISCELLANEOUS_DETAILS.DWG
TAB: H2
FAGNANT, THOMAS D (DOT)

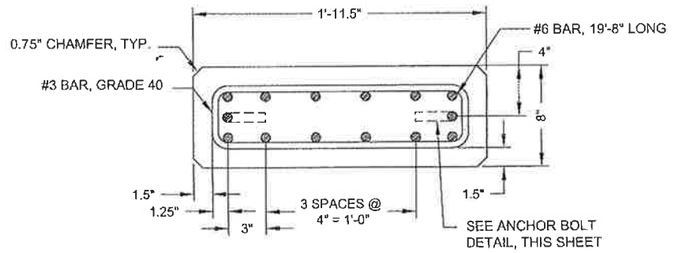
REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			69652/3-02-0268-028-2011 3-02-0268-029-2013	2012	H2	49



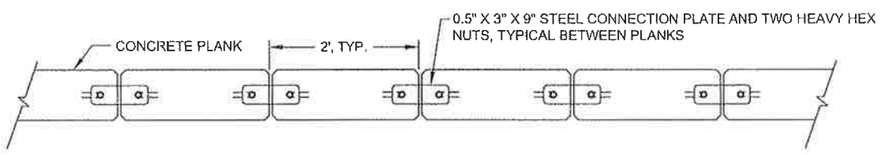
PLAN



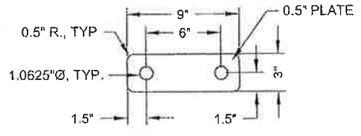
ELEVATION



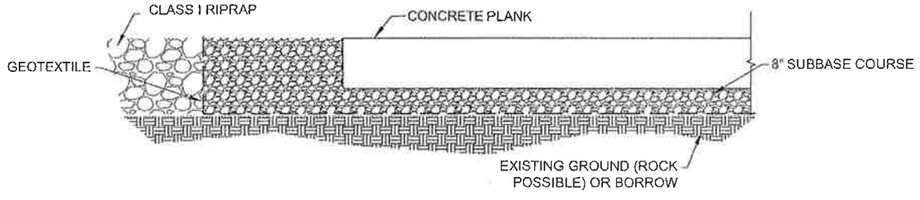
SECTION A-A



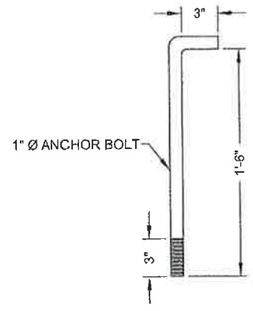
TYPICAL PLANK ASSEMBLY



CONNECTION PLATE DETAIL



CROSS SECTION DETAIL



ANCHOR BOLT 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 Charles Tripp Date 2/17/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. TRIPP

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

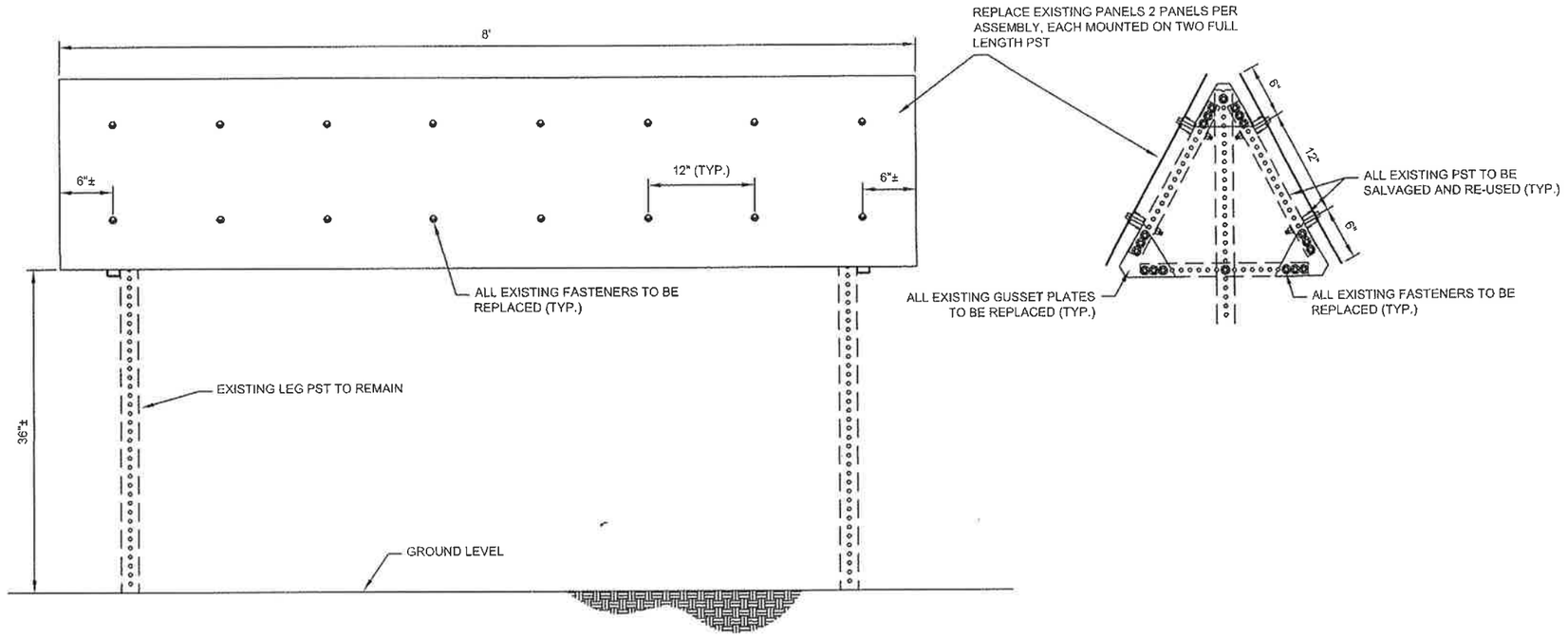
SEAPLANE PULLOUT DETAILS

STATE OF ALASKA 49th Charles H. Tripp Charles H. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER 12/17/12

DESIGNED BY: T. FAGNANT
DRAWN BY: T. FAGNANT

PATH: O:\SIT\69652\ENV\C3D PROJECT DATA\SOURCE DWGS\69652_H_MISCELLANEOUS_DETAILS.DWG
TAB H3
FAGNANT, THOMAS D (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			69652/3-02-0268-028-2011 3-02-0268-029-2013	2012	H3	49



PATH: Q:\SIT\69652\ENIC3D PROJECT DATA\SOURCE DWGS\69652_H_SEGMENTED_CIRCLE.DWG

FAGNANT, THOMAS D (DOT)

TAB: H4

ADDENDUM NUMBER

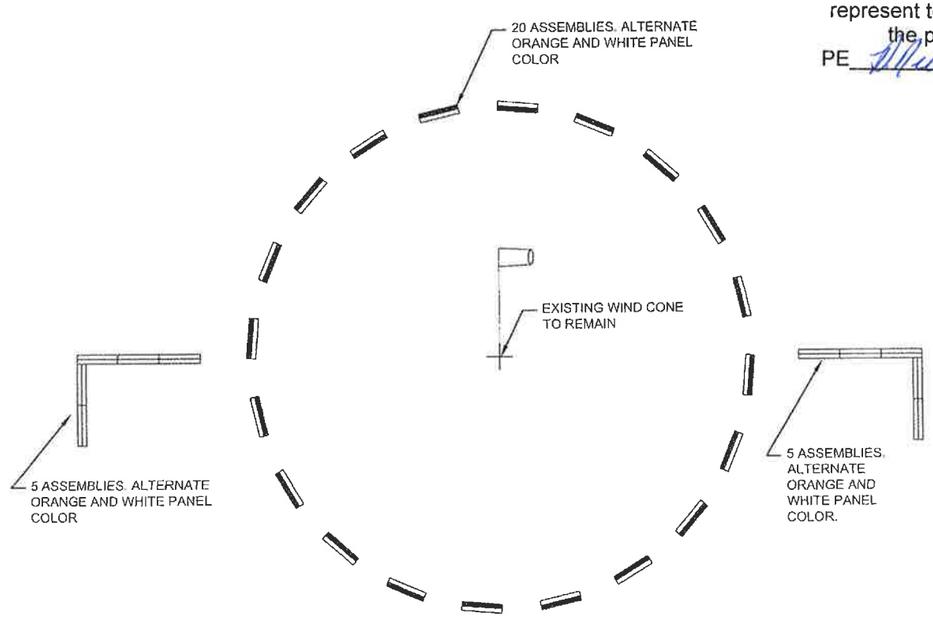
ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SEGMENTED CIRCLE NOTES

MEET THE MATERIAL REQUIREMENTS IN ITEM P-640 OF THE SPECIFICATIONS. REPLACE ALL PANELS, GUSSET PLATES, AND FASTENERS. SALVAGE EXISTING PST FOR RE-USE. DO NOT DISTURB THE LEGS OF THE ASSEMBLIES.



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 Charles M. Tripp Date 2/17/14

PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA 19th Charles M. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER 12/17/12

DESIGNED BY: T. FAGNANT

DRAWN BY: T. FAGNANT

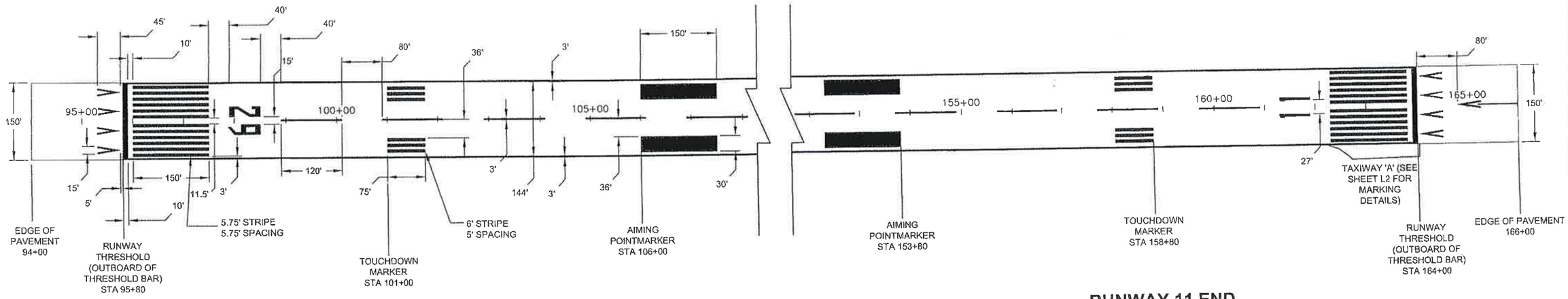
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

SEGMENTED CIRCLE

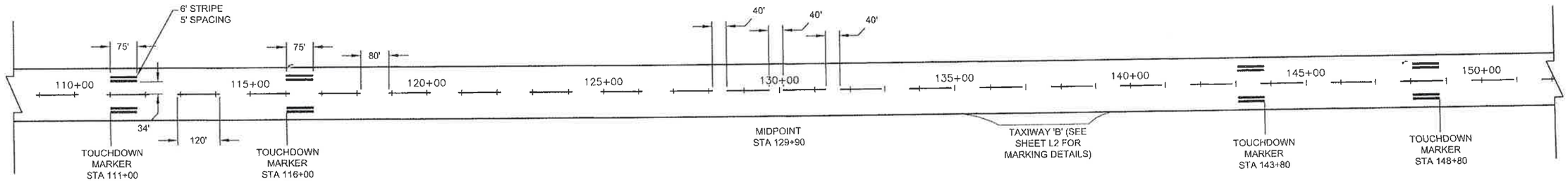
PROJECT DESIGNATION
69652/3-02-0268-028-2011
3-02-0268-029-2013

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
H4	49

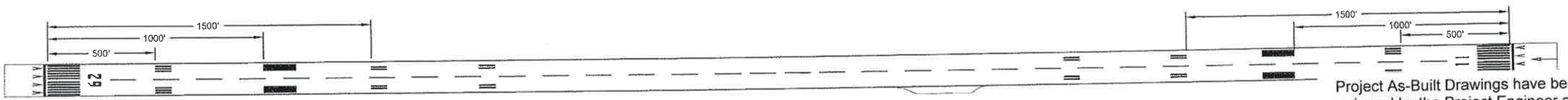


RUNWAY 29 END

RUNWAY 11 END



RUNWAY 11/29 CENTER AREA



RUNWAY MARKER LAYOUT PLAN

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 2/17/14

GENERAL NOTES

1. LAYOUT RUNWAY SPACING FROM BOTH ENDS TOWARDS CENTER.
2. ALL RUNWAY MARKINGS SHALL BE ACCOMPLISHED USING AVIATION WHITE COLORED PAINT. TAXIWAY MARKINGS ARE YELLOW.
3. EXISTING RUNWAY SHALL BE FREE OF LOOSE OR FLAKING PAINT AS APPROVED BY THE ENGINEER, PRIOR TO RESTRIPING.
4. REMOVAL OF ANY EXISTING RUNWAY PAINT NOT COVERED BY NEW OVERLAY SHALL BE ACCOMPLISHED PRIOR TO PAINTING. SEE SPECIAL PROVISIONS FOR DETAILS OF REMOVAL AND PAYMENT FOR THIS WORK.
5. ALL STRIPING LAYOUT & MATERIALS TO CONFORM TO FAA ADVISORY CIRCULAR NO. 150/5340-1K CHANGE 1, "STANDARDS FOR AIRPORT MARKINGS", AND APPLICABLE APPENDICES, CHANGES, AND UPDATES. SEE "HTTP://WWW.FAA.GOV/AIRPORTS/RESOURCES/ADVISORY_CIRCULARS/

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. TRIPP

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

DESIGNED BY: T. FAGNANT

DRAWN BY: T. FAGNANT

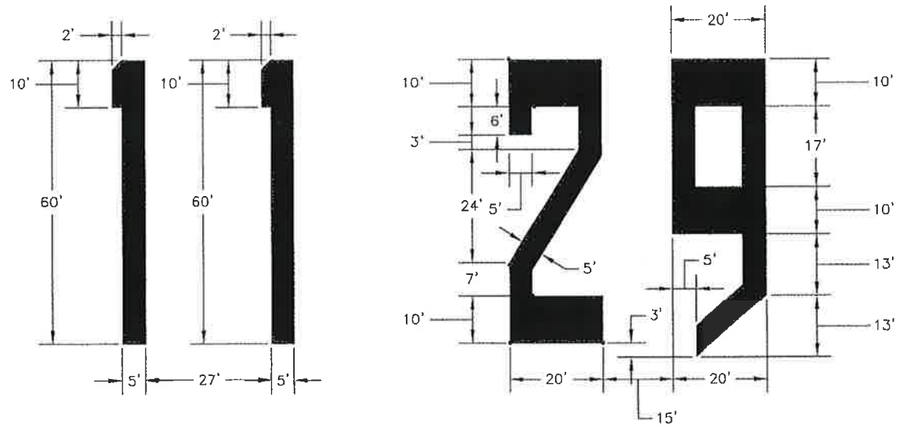
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

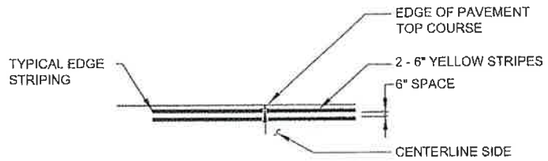
MARKING LAYOUT PLAN

PATH: Q:\SIT\69652\ENG\C3D PROJECT DATA\SOURCE DWGS\69652_L_STRIPING.DWG
FAGNANT, THOMAS D (DOT)
TAB: L1

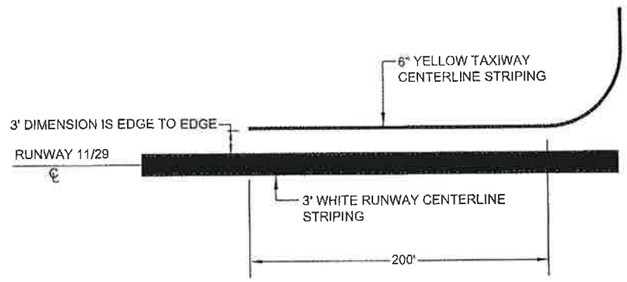
REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO	TOTAL SHEETS
			69652/3-02-0268-028-2011 3-02-0268-029-2013	2012	L1	49



RUNWAY DESIGNATOR
NUMERAL DETAILS
(WHITE)



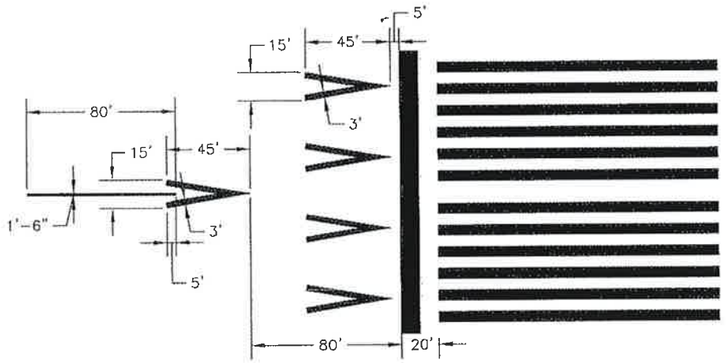
DETAIL "A"
TAXIWAY EDGE STRIPING



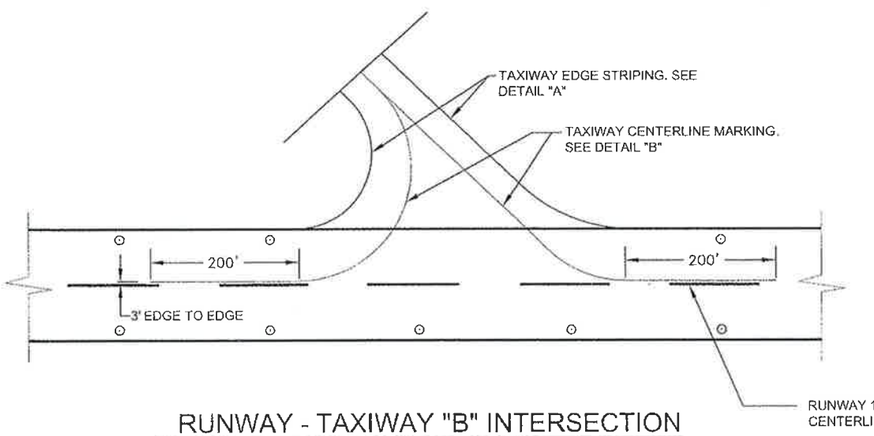
DETAIL "B"
RUNWAY -TAXIWAY INTERSECTION STRIPING

NOTE:

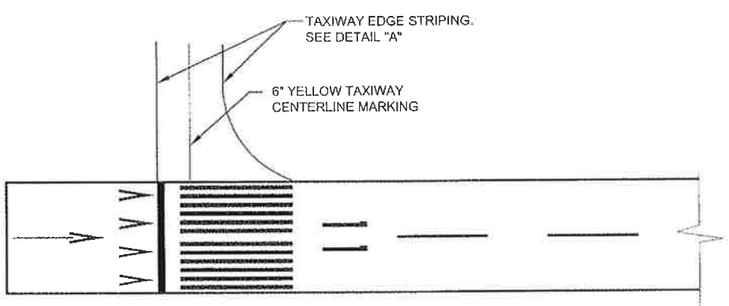
1. ALL STRIPING LAYOUT & MATERIALS TO CONFORM TO FAA ADVISORY CIRCULAR NO. 150/5340-1K CHANGE 1, "STANDARDS FOR AIRPORT MARKINGS". SEE HTTP://WWW.FAA.GOV/AIRPORTS/RESOURCES/ADVISORY_CIRCULARS/



ARROW DETAILS
(WHITE)



RUNWAY - TAXIWAY "B" INTERSECTION



RUNWAY - TAXIWAY "A" INTERSECTION

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 5/17/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. TRIPP
DESIGNED BY: T. FAGNANT
DRAWN BY: T. FAGNANT

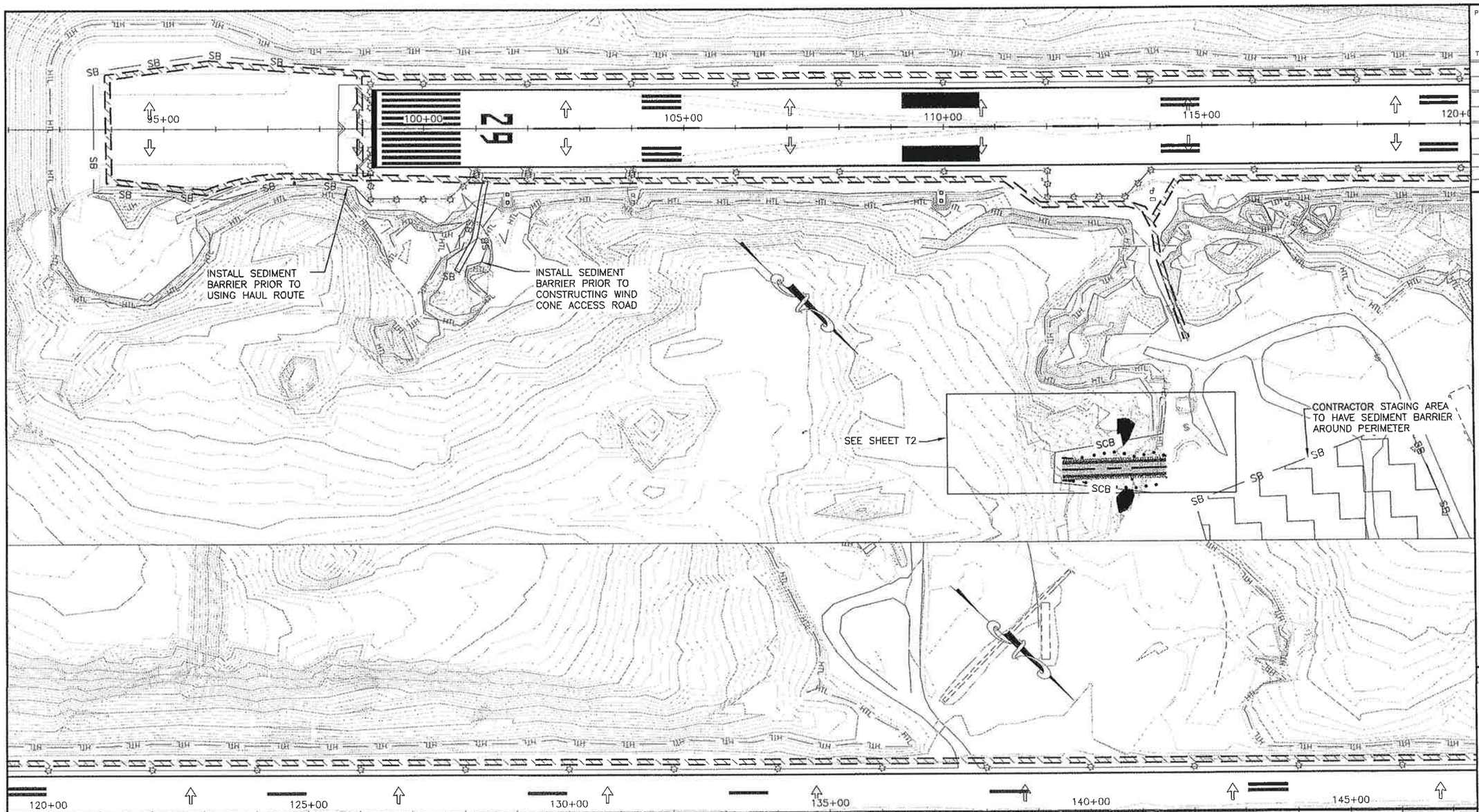
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

MARKING DETAILS

PATH: O:\SIT\69652\ENG\3D PROJECT DATA\SOURCE DWGS\69652_L_STRIPING.DWG
TAB L2
FAGNANT, THOMAS D (DOT)

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			69652/3-02-0268-028-2011 3-02-0268-029-2013	2012	L2	49



HAUL ROUTE
SB — SEDIMENT BARRIER
DRAINAGE FLOW
SCB — SILT CONTAINMENT BOOM
CUT LIMIT
FILL LIMIT

STAGING AREA AND HAUL ROUTE NOTE:

EROSION AND SEDIMENT CONTROL AT THE STAGING AREA AND HAUL ROUTE OFF THE PROJECT ARE SUBSIDIARY AND THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL FOLLOW NATIONAL STANDARDS. INCLUDE EROSION AND SEDIMENT CONTROL AT THE STAGING AREA AND HAUL ROUTE APPROPRIATE TO THE EXPECTED USE OF THE AREA IN THE SWPPP. THE STAGING AREA AND HAUL ROUTE ARE AREAS COVERED UNDER THE CGP AND WILL BE INSPECTED DURING JOINT INSPECTIONS.

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 01/17/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH: Q:\SIT\69652\ENIC3D PROJECT DATA\SOURCE DWGS\69652_T_ESCP.DWG

FAGNANT, THOMAS D (DOT)

TAB: T1

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

EROSION & SEDIMENT CONTROL PLAN

PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA 49th Charles M. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER
12/17/12

DESIGNED BY: T. FAGNANT

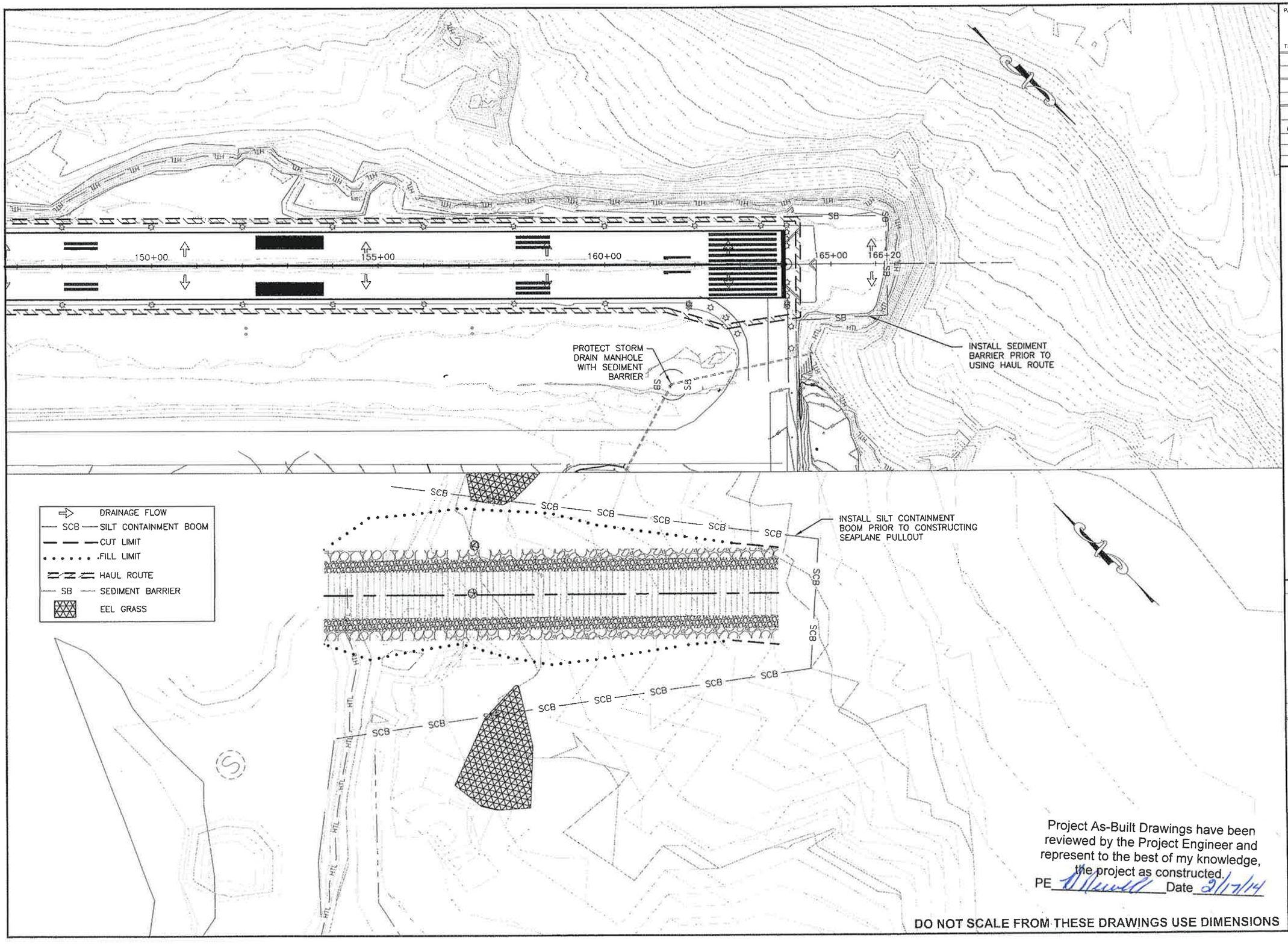
DRAWN BY: T. FAGNANT

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHEAST REGION

SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

EROSION & SEDIMENT CONTROL PLAN

PROJECT DESIGNATION	
69652/3-02-0268-028-2011 3-02-0268-029-2013	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
T1	49



PATH: Q:\SIT\69652\ENIC3D PROJECT DATA\SOURCE DWGS\69652_T_ESCP.DWG

FAGNANT, THOMAS D (DOT)
TAB: T2

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

EROSION & SEDIMENT CONTROL PLAN

PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA
Charles M. Tripp
CE-9613
REGISTERED PROFESSIONAL ENGINEER
12/17/13

DESIGNED BY: T. FAGNANT

DRAWN BY: T. FAGNANT

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

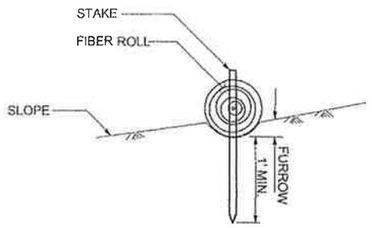
EROSION & SEDIMENT CONTROL PLAN

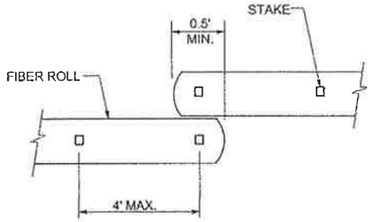
PROJECT DESIGNATION
69652/3-02-0268-028-2011
3-02-0268-029-2013

STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
T2	49

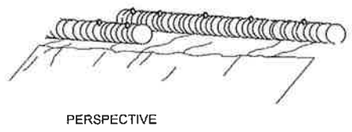
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.
PE _____ Date 2/17/14

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS





FIBER ROLL (TYPE 1)



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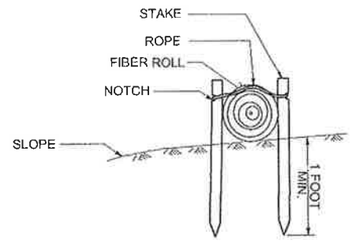
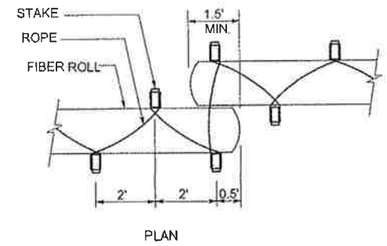
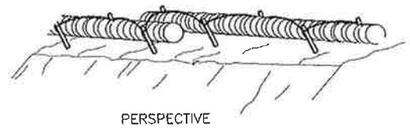


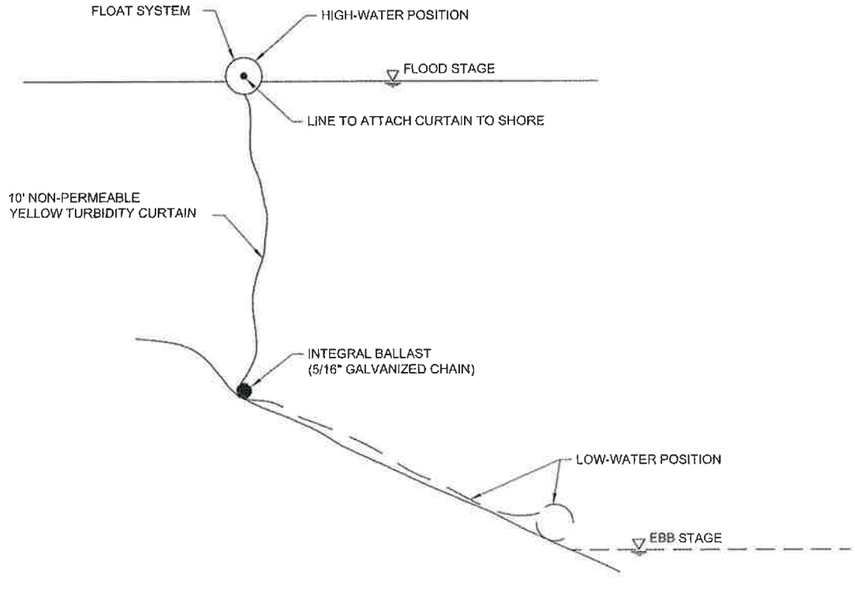


FIBER ROLL (TYPE 2)

NOTE: FIBER ROLLS TO BE SECURED WITH SAND BAGS IN AREAS WHERE STAKES WILL NOT PENETRATE GROUND

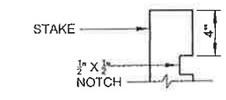


FIBER ROLL (TYPE 2)



SILT CONTAINMENT BOOM ELEVATION

N.T.S.



STAKE FOR FIBER ROLL (TYPE 2

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 3/7/14

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 H. Tripp CE-9613 REGISTERED PROFESSIONAL ENGINEER 12/17/12

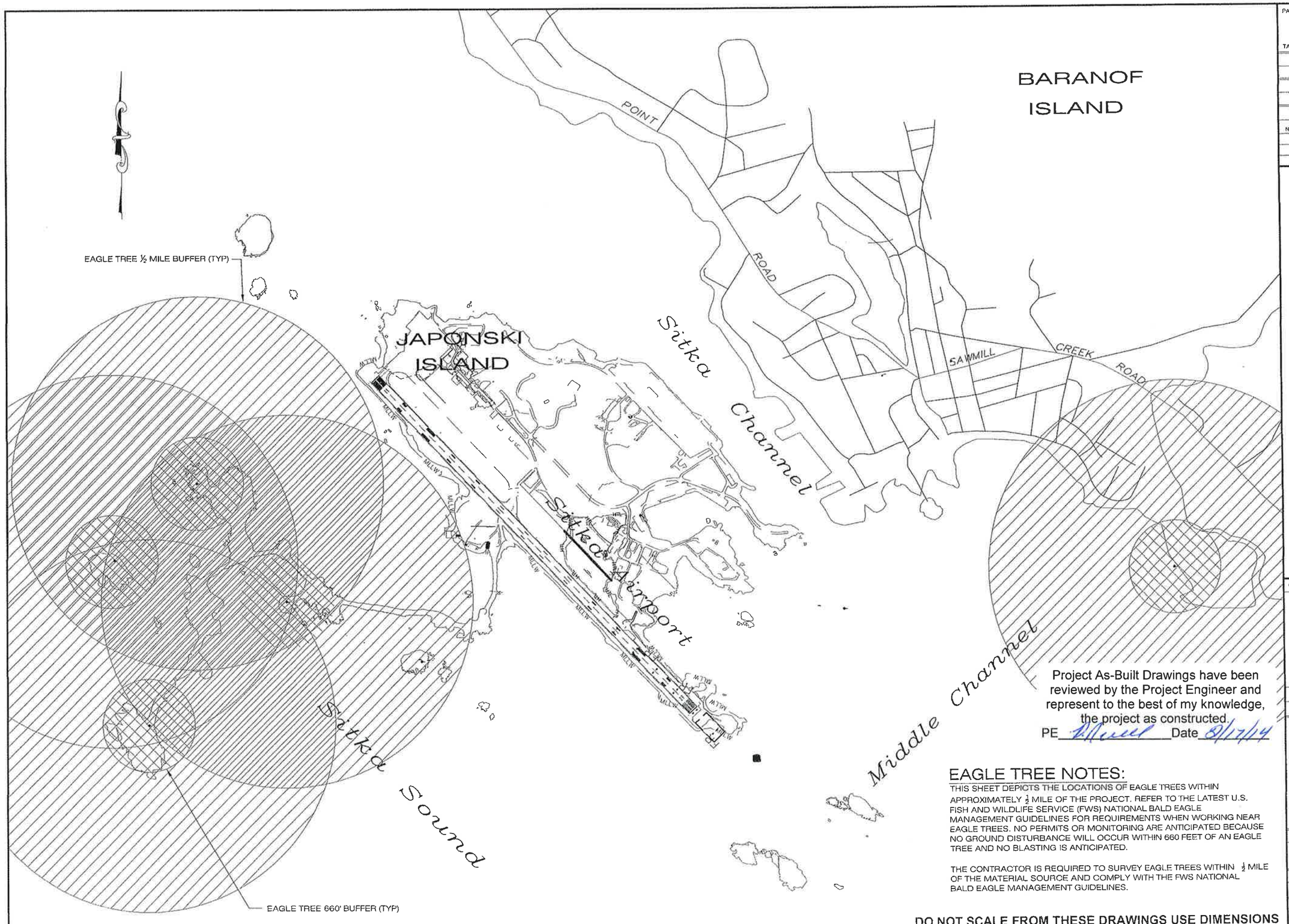
SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

EROSION & SEDIMENT CONTROL PLAN DETAILS

DESIGNED BY: T. FAGNANT
DRAWN BY: T. FAGNANT

PATH: Q:\SIT\69652\ENVC3D PROJECT DATA\SOURCE DWGS\69652_T_ESCP.DWG
TAB: T3
FAGNANT, THOMAS D (DOT)

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION	69652/3-02-0268-028-2011 3-02-0268-029-2013	2012	T3	49



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FAGNANT, THOMAS D (DOT)

TAB: T4

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

SITKA ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

EAGLE TREES

PLAN LEGEND

CHECKED BY: C. TRIPP

STATE OF ALASKA
49th
Charles M. Tripp
Charles M. Tripp
CE-9613
REGISTERED PROFESSIONAL ENGINEER
12/17/12

DESIGNED BY: T. FAGNANT

DRAWN BY: T. FAGNANT

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

SITKA
ROCKY GUTIERREZ AIRPORT
11/29 RUNWAY OVERLAY
PROJECT #69652

EAGLE TREES

PROJECT DESIGNATION	
69652/3-02-0268-028-2011 3-02-0268-029-2013	
STATE	YEAR
ALASKA	2012
SHEET NUMBER	TOTAL SHEETS
T4	49

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 8/17/14

EAGLE TREE NOTES:

THIS SHEET DEPICTS THE LOCATIONS OF EAGLE TREES WITHIN APPROXIMATELY ½ MILE OF THE PROJECT. REFER TO THE LATEST U.S. FISH AND WILDLIFE SERVICE (FWS) NATIONAL BALD EAGLE MANAGEMENT GUIDELINES FOR REQUIREMENTS WHEN WORKING NEAR EAGLE TREES. NO PERMITS OR MONITORING ARE ANTICIPATED BECAUSE NO GROUND DISTURBANCE WILL OCCUR WITHIN 660 FEET OF AN EAGLE TREE AND NO BLASTING IS ANTICIPATED.

THE CONTRACTOR IS REQUIRED TO SURVEY EAGLE TREES WITHIN ½ MILE OF THE MATERIAL SOURCE AND COMPLY WITH THE FWS NATIONAL BALD EAGLE MANAGEMENT GUIDELINES.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS