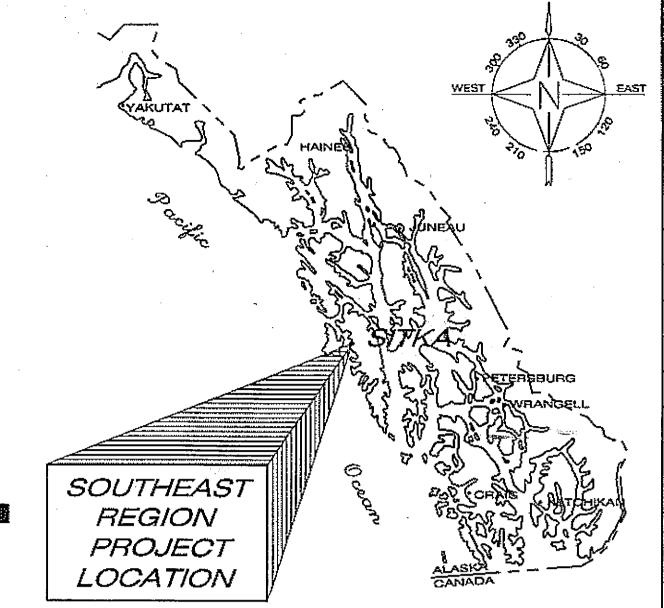
State of Alaska

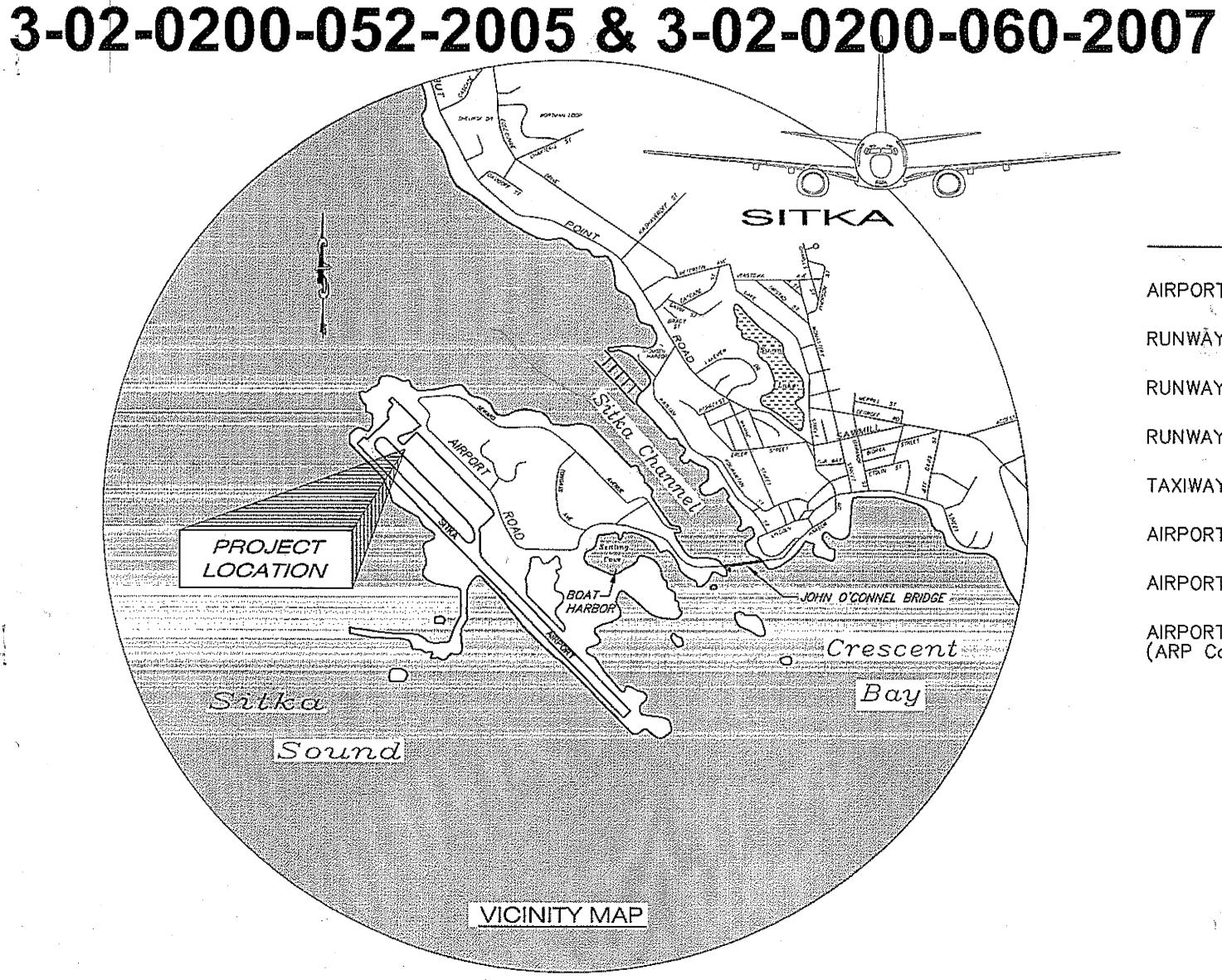
Department of Transportation and Public Facilities

Southeast Region

SITKA ROCKY GUTIERREZ AIRPORT



APRON, TAXIWAY, & RUNWAY PAVEMENT REPAIRS
PROJECT NO. 68919 & 68972



DESIGN DESIGNATIONS

AIRPORT TYPE..... COMMERCIAL SERVICE

RUNWAY CATEGORY.....TRANSPORT

RUNWAY/TAXIWAY SURFACE..... ASPHALT CONCRETE

RUNWAY LIGHTING HIGH INTENSITY RUNWAY LIGHTING (HIRL)

TAXIWAY LIGHTING MEDIUM INTENSITY TAXIWAY LIGHTING (MITL)

AIRPORT REFERENCE CODE...... C-III.

AIRPORT ELEVATION 20.78 ft (MSL)

AIRPORT REFERENCE POINT...... Latitude N 57° 02' 50.8" (ARP Coordinates — NAD '83) Longitude W 135° 21' 38.2"



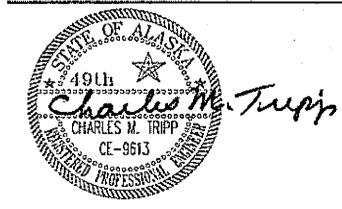
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.

Proj. Eng. Date 1-5-07

SHEET NO.	DESCRIPTION
A1	TITLE SHEET
A2	CONTROL PLAN
А3	PROJECT LAYOUT PLAN
B1	TYPICAL SECTIONS
C1	ESTIMATE OF QUANTITIES
F1	PLAN SHEETS
<u>J1-J4</u>	SEQUENCING & SAFETY PLAN
**************************************	AS-Built Plans
	Contractor: ACI
	Project Eugliness' Don Mangel
	Ban 1 Project 6-1-08
	Project Enginer' Don Newell Begin Project: 6-1-08 End Project: 6:30-08
·	
	SEA\68919\EN\Slotted Drain\Planset\68919_A1_TITLES
Mon,	, 04/Feb/08 04:14PM nkgeary

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION



JACK D. BEEDLE, P.E.

2/4/08

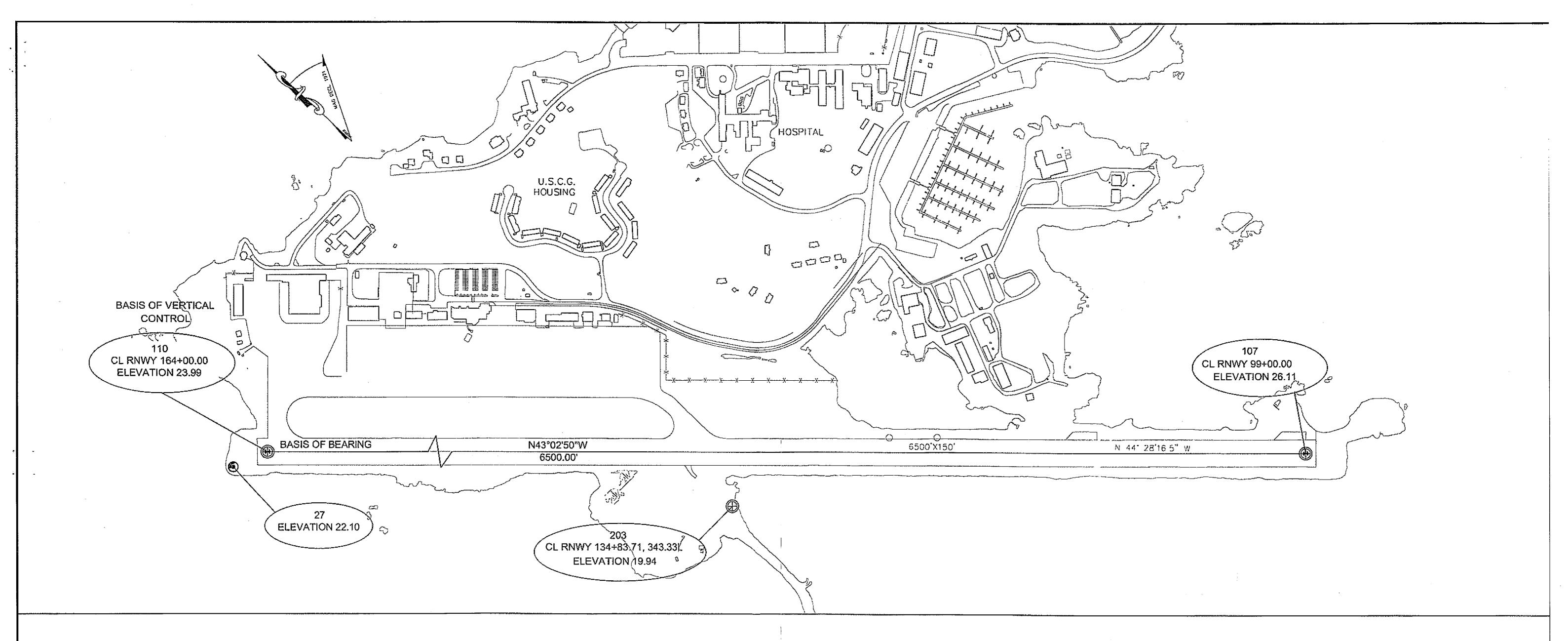
REGIONAL PRE-CONSTRUCTION ENGINEER

2-4-08

MALCOLM A. MENZIES, P.E. & L.S. DATE
DIRECTOR, SOUTHEAST REGION 707
CERTIFIED TRUE & CORRECT AS-BUILT OF ACTUAL FIELD CONDITION:

 STATE
 PROJECT DESIGNATION
 YEAR
 SHEET NO.
 TOTAL SHEETS

 ALASKA
 3-02-0200-052-2005 & 3-02-0200-060-2007
 2008
 A1
 10



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 DOT/PF CL MONUMENT @ 164+00.00 WITH AN ACCEPTED ELEVATION OF 23.99' ABOVE MLLW.

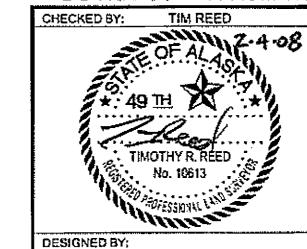
LEGEND							
$\overline{\nabla}$	=	PK					-
	=	PK	w/	WA	SHER	•	
\bigoplus	=	CL	BRA	SS	CAP	IN	CASE

POINT	STATION	OFFSET	NORTH	EAST	ELEV	DESCRIPTION
27	N/A	N/A	31631.7943	45952.0948	22.10	ALCAP2"/REBAR_SA-10
107	99+00.00	0.00	26790.7519	50604.1009	26.11	BC2"/STEM_CL_RNWY_99+00
110	164+00.00	0.00	31540.8956	46167.1951	23.99	ALCAP2"/STEM_CL_RNWY_164+00
203	134+83.71	343.33 L	29175.3373	47906.9557	19.94	BC3.25"/STEM_NOS_MON_SITC

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. Mull Date 1-19-3

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



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

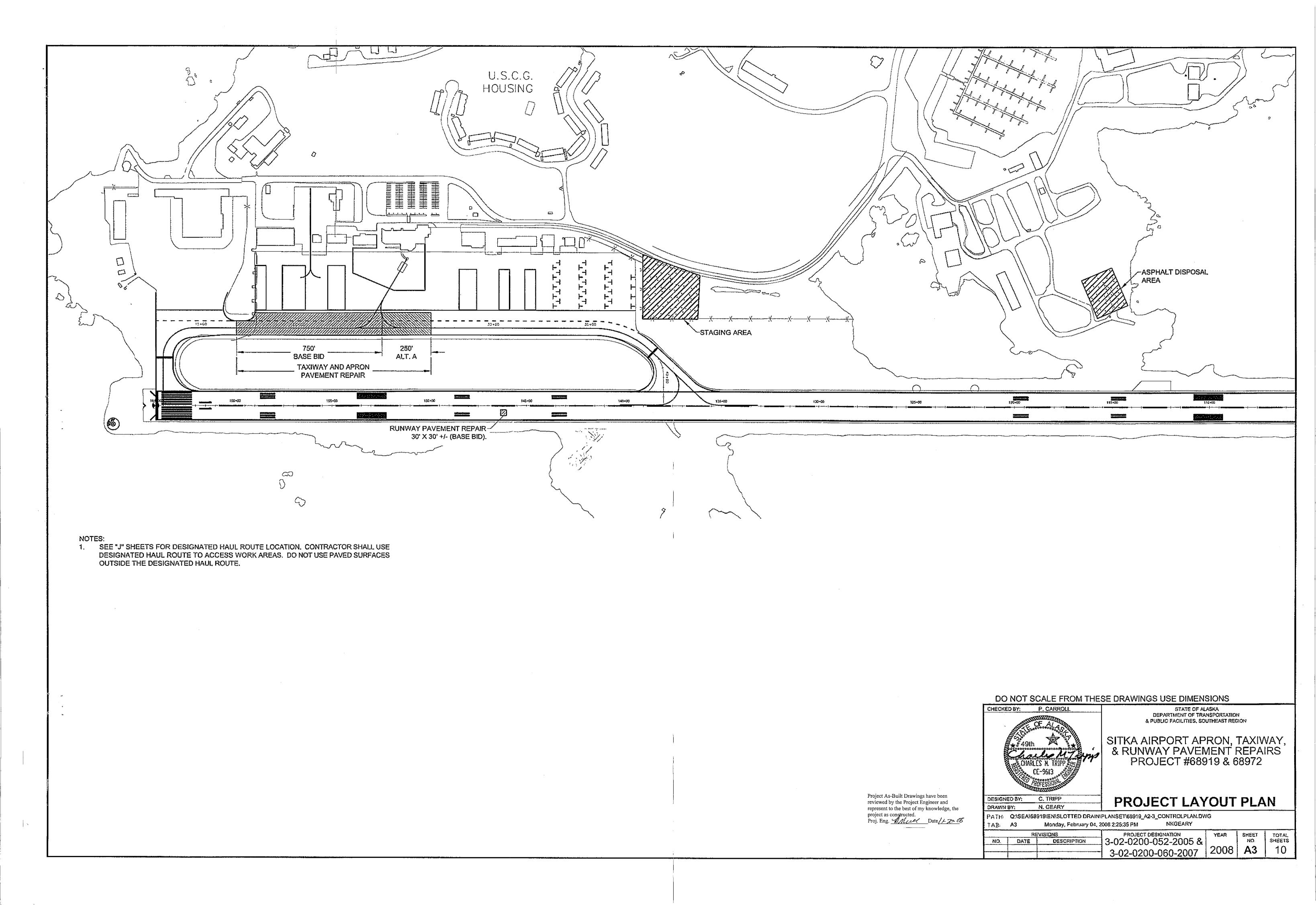
SITKA AIRPORT APRON, TAXIWAY, & RUNWAY PAVEMENT REPAIRS PROJECT #68919 & 68972

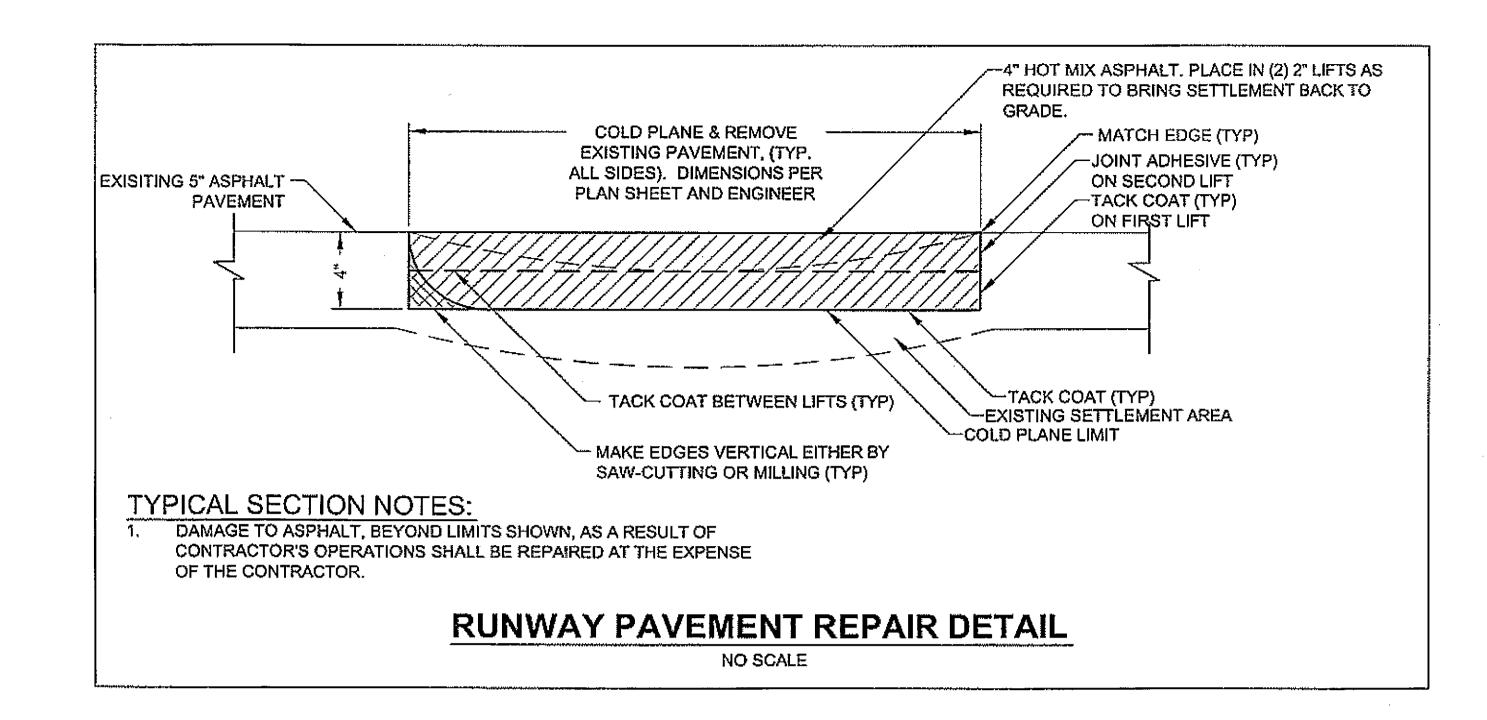
CONTROL PLAN

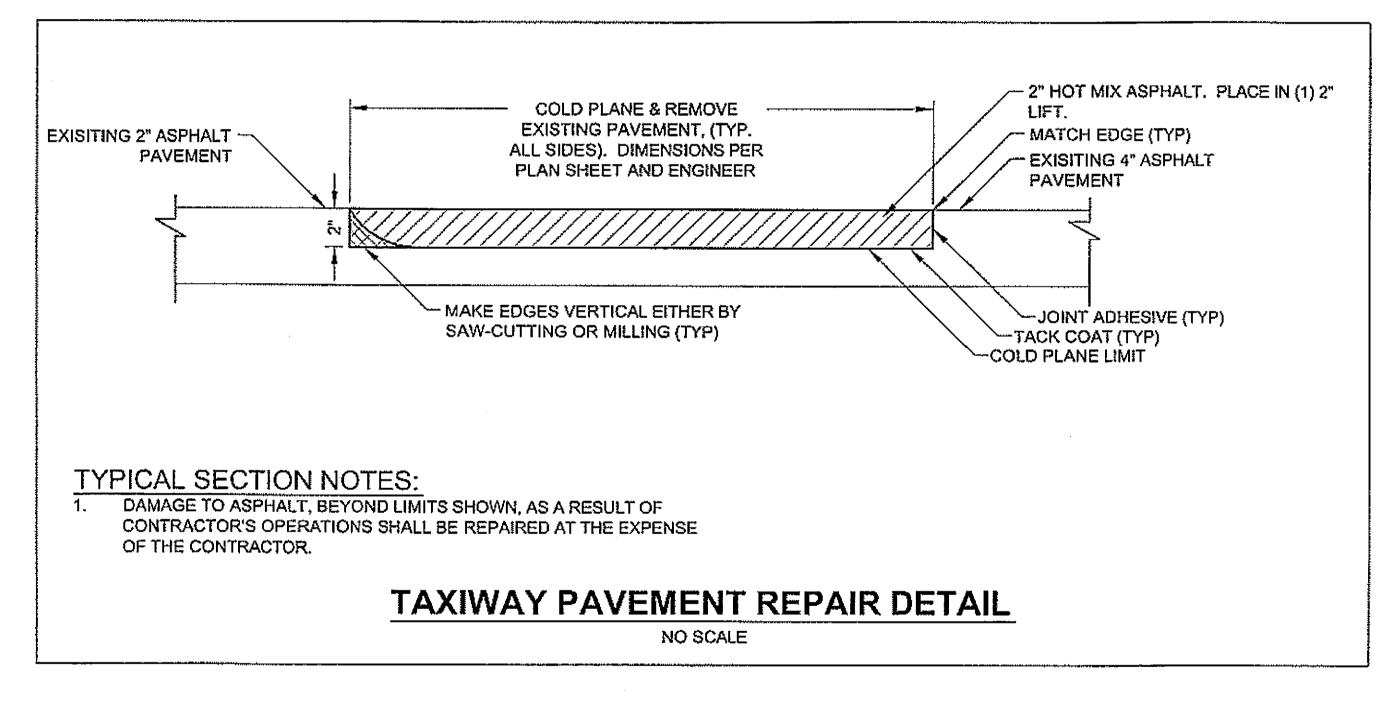
SHEET TOTAL NO. SHEETS

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Monday, February 04, 2008 10:34:31 AM NO. DATE DESCRIPTIONS PROJECT DESIGNATION 3-02-0200-052-2005 & YEAR DESCRIPTION 3-02-0200-060-2007 | 2008 | **A2**

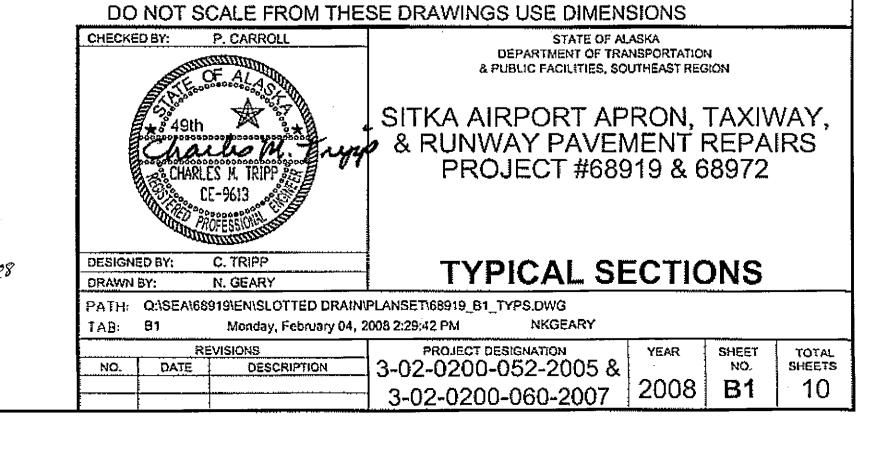






Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.

Proj. Eng. Much Date 1980-08



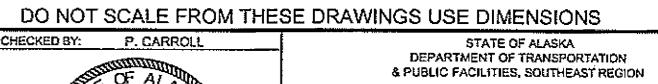
ITEM NO.	ITEM	PAY UNIT	QUANTITY
G-100a	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQUIRED
G-115a	WORKER MEALS AND LODGING	LUMP SUM	ALL REQUIRED
G-135a	CONSTRUCTION SURVEYING BY THE CONTRACTOR	LUMP SUM	ALL REQUIRED
G-135b	EXTRA THREE PERSON SURVEY PARTY	PER HOUR	-8- 0
G-704a	HAZARDOUS AREA BARRIER	EACH	48
P-101a	COLD PLANING	SQUARE YARD	-9284 9,34
P-157b	TEMPORARY EROSION AND POLLUTION CONTROL	CONTINGENT SUM	ALL REQUIRED
P-401a	HOT MIX ASPHALT	PER TON	1/00.63 1126
P-401c	ASPHALT CEMENT PG64-28	PER TON	-68 66
P-603a	TACK COAT CSS-1	PER TON	4 4,25
P-620c	RUNWAY AND TAXIWAY PAINTING	LUMP SUM	ALL REQUIRED

ESTIMATE OF QUANTITIES - ALTERNATE A						
ITEM NO.	ITEM	PAY UNIT	QUANTITY			
Alt. A - G-100a	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQUIRED			
Alt. A - G-115a	WORKER MEALS AND LODGING	LUMP SUM	ALL REQUIRED			
Alt. A - G-704a	HAZARDOUS AREA BARRIER	EACH	13			
Alt. A - P-101a	COLD PLANING	SQUARE YARD	3194			
Alt. A - P-401a	HOTMIXASPHALT	PER TON	383			
Alt. A - P-401c	ASPHALT CEMENT PG64-28	PER TON	23			
Alt. A - P-603a-	FACK COAT CSS-1	PER TON	1			
All A - P-603a	RUNWAY AND TAXIWAY PAINTING	LUMP SUM	ALL REQUIRED			

BASIS OF ESTIMATE				
ITEM	PAY ITEM	ESTIMATING FACTOR		
P-401A	HOT MIX ASPHALT	120 LB/SY/IN		
P-401C	ASPHALT CEMENT [PG 64-28]	6% OF ITEM P-401A		
P-603A	TACK COAT CSS-1	0.1 GAL/SY, 243 GAL/TON		
P-620C	RUNWAY AND TAXIWAY PAINTING	BASE BID: 730 SQ, FT./ ALT. A: 290 SQ, F		

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 1/3 8



N. GEARY

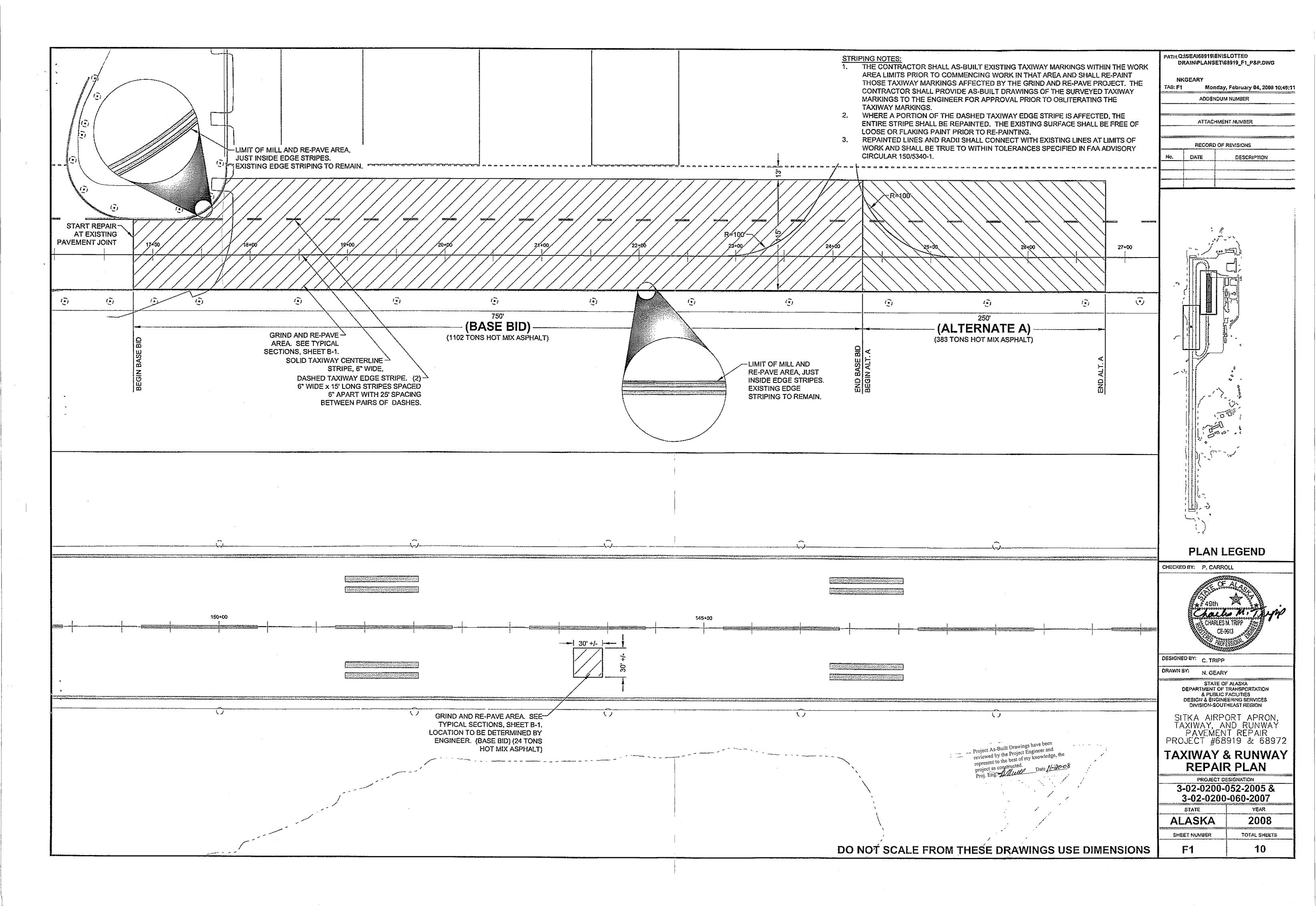
SITKA AIRPORT APRON, TAXIWAY, & RUNWAY PAVEMENT REPAIRS PROJECT #68919 & 68972

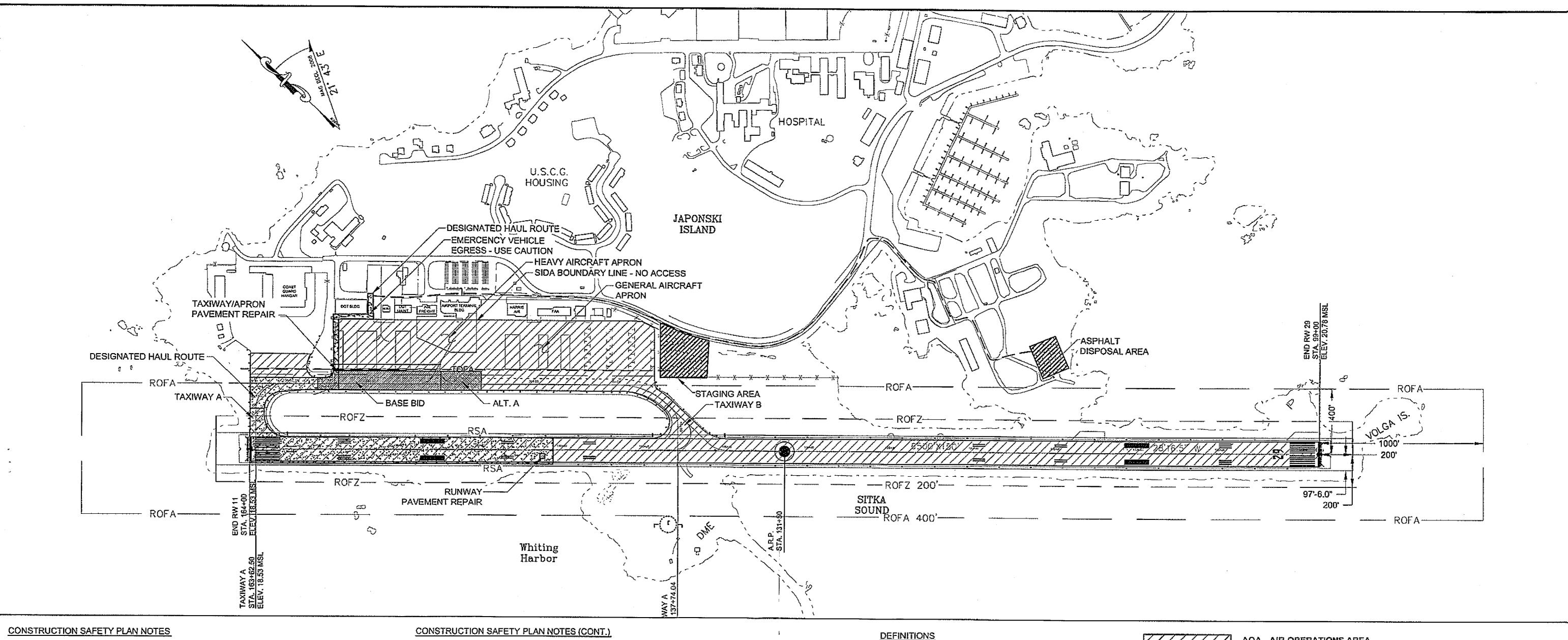
TOTAL SHEETS

ESTIMATE OF QUANTITIES & BASIS OF ESTIMATE

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	RE	EVISIONS	PROJECT DESIGNATION	YEAR	SHEET
NO.	DATE	DESCRIPTION	3-02-0200-052-2005 &		NO.
				2008	C4
			3-02-0200-060-2007	2000	U





- UNDER ALL CIRCUMSTANCES, SAFETY IS THE MOST IMPORTANT CONSIDERATION.
- 2. ALL CONSTRUCTION ACTIVITY WITHIN LIMITS OF AOA, OFA AND RSA SHALL BE CARRIED OUT IN ACCORDANCE WITH AN APPROVED, CURRENT OPERATIONAL SAFETY PLAN,
- 3. THE AIRPORT ESCORT WILL MONITOR THE RADIO AND AND MAINTAIN RADIO CONTACT WITH THE SITKA FLIGHT SERVICE STATION FOR THE APPROACH OF AIRCRAFT IN DISTRESS.
- 4. NO EQUIPMENT MAY BE PARKED IN FRONT OF THE VASI'S, OR OTHER NAVAIDS SO AS TO BLOCK VISUAL OR SIGNAL LANDING INFORMATION.
- 5. ALL OTHERWISE PERMISSIBLE WORK OUTSIDE THE RSA, OFZ AND AOA MAY BE PERFORMED AT ANYTIME DURING THE CONTRACT. PERFORM ALL WORK PER THE REQUIREMENTS OF SECTION 80 OF THE SPECIFICATIONS.
- 6. STORAGE OF MATERIALS AND PARKING OF UNATTENDED EQUIPMENT WITHIN THE OFA AND WITHIN THE AOA WILL NOT BE ALLOWED.
- 7. TEMPORARY MARKING MUST BE MONITORED FREQUENTLY AND IMMEDIATE ACTION TAKEN TO CORRECT IMPROPER ASPECTS.
- 8. CONTRACTOR SHALL SUBMIT A CONSTRUCTION SEQUENCE PLAN TO THE ENGINEER FOR APPROVAL. ANY CHANGES TO THE CONSTRUCTION SEQUENCE PLAN MUST BE APPROVED IN WRITING. NO CLOSURES ARE PERMITTED EXCEPT IN ACCORDANCE WITH AN APPROVED CONSTRUCTION SEQUENCE PLAN.
- 9. TEMPORARY AIRPORT MARKINGS MUST BE CLEARLY VISIBLE TO PILOTS, CONCISE AND NOT MISLEADING, CONFUSING OR DECEPTIVE. TEMPORARY MARKINGS MUST BE SECURED IN PLACE TO PREVENT MOVEMENT FROM PROP WASH, JET BLAST, WIND VORTICES, WIND CURRENTS OR WIND AND RAIN STORM SURGES.
- 10. THE RSA DEFINITION IS BASED ON THE DIMENSIONS OF THE FUNCTIONING RUNWAY.
- 11. CONTRACTOR REQUIRED TO MAINTAIN MINIMUM 100' WIDE ACCESS TO COAST GUARD APRON AT ALL TIMES.
- 12. THE CONTRACTOR SHALL STAGE ONLY DAILY QUANTITIES OF MATERIALS IN THE WORK ZONE. ALL OTHER MATERIALS MUST BE KEPT IN STAGING AREA SHOWN ON SHEET A3.

- 13. ALL CONTRACTOR PERSONNEL AND EQUIPMENT SHALL ACCESS THE PROJECT ONLY VIA THE DESIGNATED HAUL ROUTES. ACCESS TO AND FROM THE STAGING AREA AND THE ASPHALT DISPOSAL AREA WILL REQUIRE LEAVING THE AIRPORT SECURE AREA VIA DESIGNATED HAUL
- ROUTES. DIRECT ACCESS FROM WITHIN THE AIRPORT SECURITY AREA WILL NOT BE ALLOWED. 14. ALL CONTRACTOR OPERATIONS INSIDE SECURE AREA SHALL HAVE AN AIRPORT ESCORT.
- 15. THERE SHALL BE NO ACCESS INTO THE SIDA AT ANY TIME.
- 16. ALL CONTRACTOR PERSONNEL AND EQUIPMENT SHALL YIELD TO ALL AIRCRAFT. AIRCRAFT ALWAYS HAVE RIGHT OF WAY.

AOA - AIR OPERATIONS AREA - INCLUDES ALL AREAS OPEN TO MOVEMENT OF AIRCRAFT, ALL VEHICLES MUST BE APPROPRIATELY MARKED AND HAVE APPROPRIATE COMMUNICATIONS BEFORE ENTERING AREA

OFZ - OBSTACLE FREE ZONE -DIMENSIONS:

 RWY 11/29--400' WIDE+EXTENDS 200' BEYOND EACH THRESHOLD. SEE RSA NOTE BELOW.

RSA - RUNWAY SAFETY AREA-DIMENSIONS:

 RWY 11/29--195' WIDE+EXTENDS 200' BEYOND EACH THRESHOLD.

NO MEN, EQUIPMENT OR MATERIALS PERMITTED WITHIN RSA/OFZ WHILE AIRCRAFT TAKING OFF OR LANDING.

OFA - OBSTACLE FREE AREA-DIMENSIONS:

 RWY 11/29--800' WIDE+EXTENDS 1000' BEYOND EACH THRESHOLD.

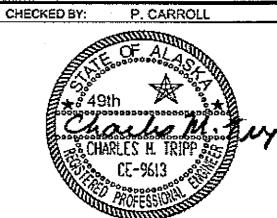
NO PARKED EQUIPMENT OR STORED MATERIALS ALLOWED.

AOA - AIR OPERATIONS AREA

DESIGNATED HAUL ROUTE

STAGING AREA / ASPHALT DISPOSAL AREA ACCESS ROUTE

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



C. TRIPP

DESIGNED BY:

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

SITKA AIRPORT APRON, TAXIWAY, & RUNWAY PAVEMENT REPAIRS PROJECT #68919 & 68972

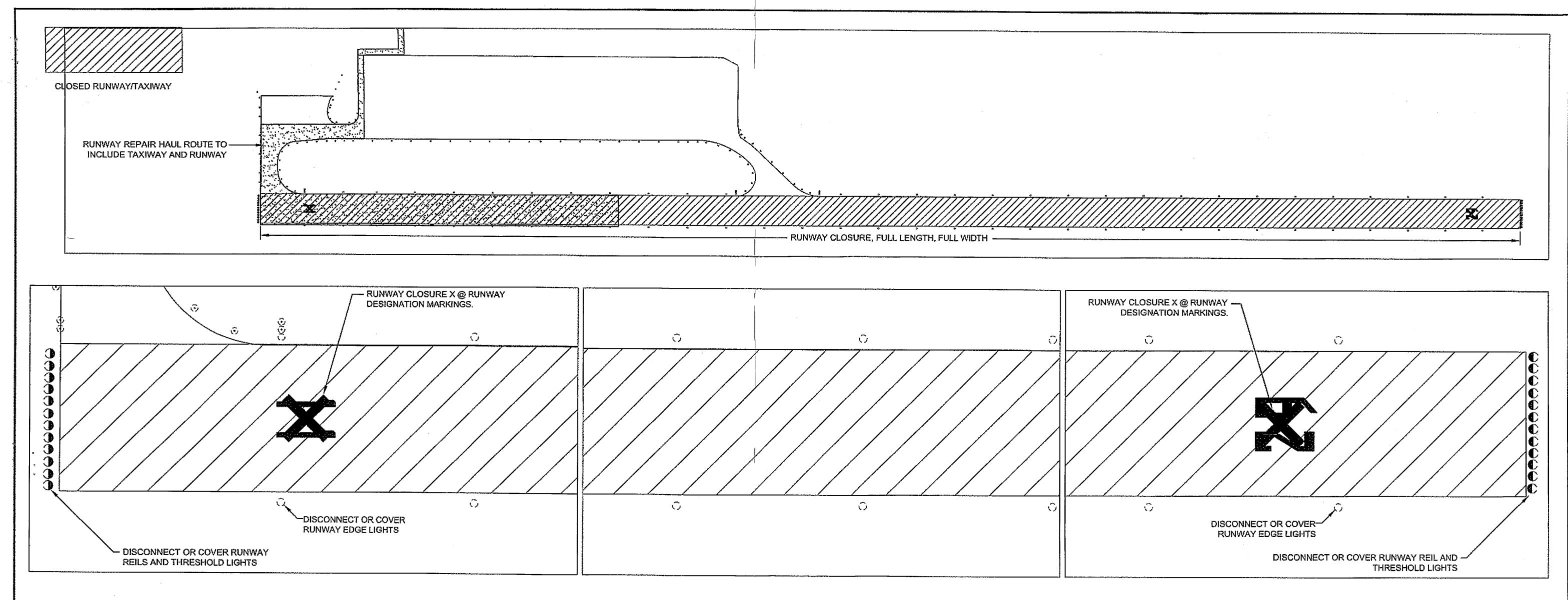
> **SEQUENCING AND CONSTRUCTION SAFETY PLAN**

N. GEARY DRAWN BY: PATH: Q.ISEA168919\EN\SLOTTED DRAIN\PLANSET\68919_J1-4_PHASING.DWG

TAB: J1 Monday, February 04, 2008 2:22:08 PM

PROJECT DESIGNATION YEAR SHEET 3-02-0200-052-2005 & NO. NO. DATE DESCRIPTION SHEETS 2008 J1 3-02-0200-060-2007

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

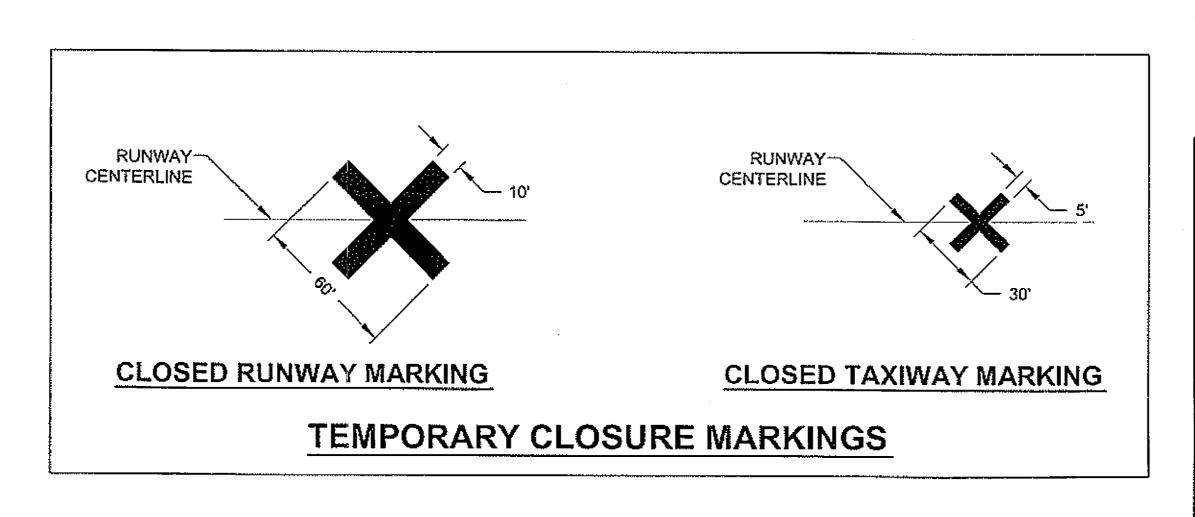


RUNWAY CLOSURE PLAN, PHASE 1

TEMPORARY RUNWAY CLOSURE NOTES:

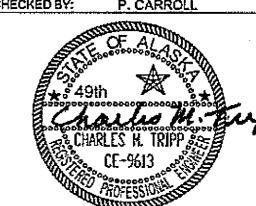
- 1. RUNWAY CLOSURE TO OCCUR BETWEEN LAST SCHEDULED OPERATION IN EVENING AND FIRST SCHEDULED OPERATION IN MORNING. CURRENT ALASKA AIRLINES SCHEDULE IS FLIGHT 70 ARRIVING AT 10:59 PM AND FLIGHT 73 DEPARTING AT 6:40 AM. SCHEDULE MAY VARY AT TIME OF CONSTRUCTION. ALL RUNWAY WORK INCLUDING ANY NECESSARY CLEANUP TO BE COMPLETED AND RUNWAY RE-OPENED WITHIN THIS TIME FRAME.
- 2. THE AIRPORT ESCORT WILL MONITOR THE RADIO AND AND MAINTAIN RADIO CONTACT WITH THE SITKA FLIGHT SERVICE STATION FOR THE APPROACH OF AIRCRAFT IN DISTRESS.
- 3. THE CONTRACTOR SHALL IMMEDIATELY VACATE MEN AND EQUIPMENT FROM THE RSA WHEN REQUESTED TO DO SO BY THE AIRPORT OPERATOR OR THE ENGINEER.
- 4. THE "X"'S SHALL BE YELLOW, CONSTRUCTED OF PLASTIC, AND WEIGHTED DOWN SO AS TO NOT BE MOVED BY WIND, PROP WASH OR JET BLAST. SEE DETAIL, THIS SHEET FOR TEMPORARY CLOSURE MARKING DIMENSIONS. SEE CONSTRUCTION SAFETY PLAN NOTES, SHEET J1.
- 5. COVER OR DISABLE THRESHOLD LIGHTS AND REILS AT EACH END OF
- RUNWAY.

 6. COVER OR DISABLE EDGE LIGHTS ALONG EDGE OF RUNWAY.
- 7. PRIOR TO RE-OPENING THE AIRPORT, AIRPORT PERSONNEL WILL SWEEP THE RUNWAY AND HAUL ROUTE FOR DEBRIS. THIS DOES NOT IN ANYWAY RELIEVE THE CONTRACTOR, UNDER GCP-80.b (7), TO KEEP THE AOA CLEAR OF MATERIALS SPILLS.



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

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



C. TRIPP

DESIGNED BY:

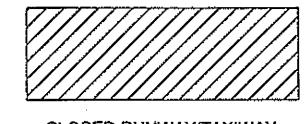
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES, SOUTHEAST REGION

SITKA AIRPORT APRON, TAXIWAY, & RUNWAY PAVEMENT REPAIRS PROJECT #68919 & 68972

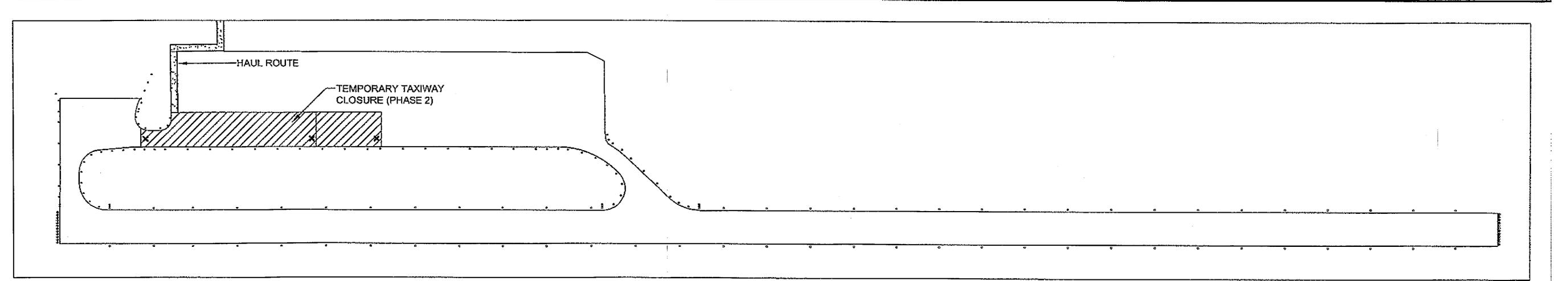
CONSTRUCTION SAFETY
PLAN - PHASE 1

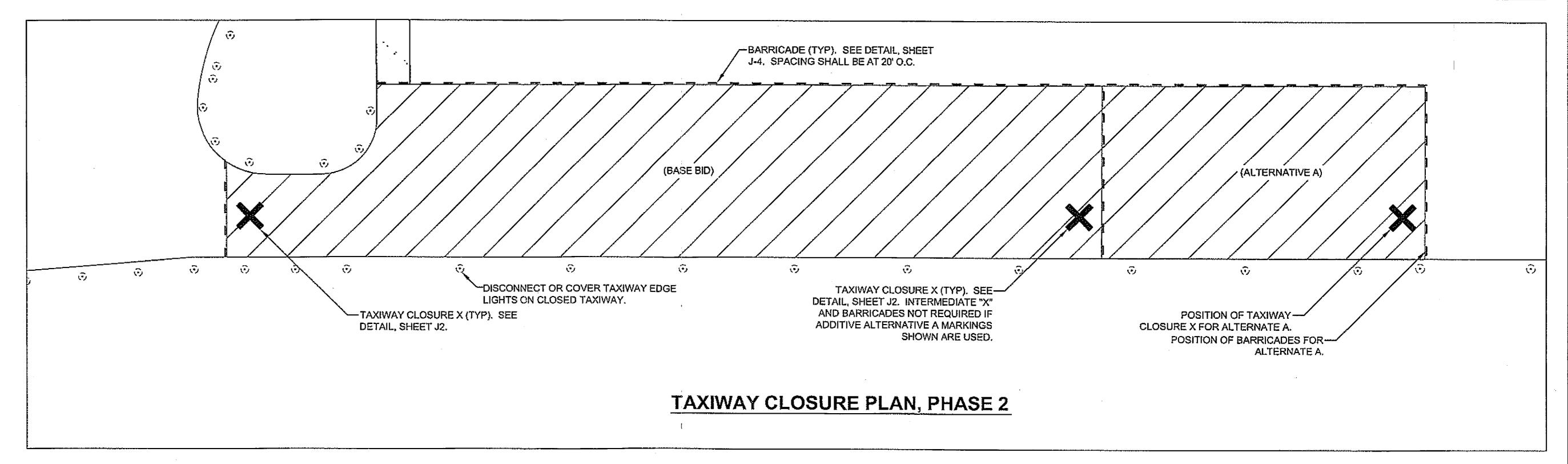
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TAB: J2 Monday, February 04, 2008 2:22:18 PM NKGEARY



CLOSED RUNWAY/TAXIWAY





TEMPORARY TAXIWAY CLOSURE NOTES:

- 1. CROSSES SHALL BE PLACED AT EACH END OF CLOSED PORTION OF
- 2. CROSSES SHALL BE YELLOW, CONSTRUCTED OF PLASTIC AND WEIGHTED DOWN SO AS TO NOT BE MOVED BY WIND, PROP WASH OR JET BLAST,
- 3. PHASE 2 AND ADDITIVE ALTERNATIVE A, PHASE 3 SHALL BE SEQUENCED TO ALLOW CONTINUOUS ACCESS BETWEEN THE RUNWAY AND THE
- 4. THE CONTRACTOR SHALL PROVIDE WING WALKERS TO ENSURE ADEQUATE CLEARANCE BETWEEN THE AIRCRAFT AND THE CONSTRUCTION EQUIPMENT/PERSONNEL IF ANY PART OF THE AIRCRAFT WILL HAVE TO PASS OVER AN AREA THAT HAS BEEN BARRICADED. THIS MAY BE NECESSARY NEAR THE ALASKA AIRLINES HARD STAND.
- 5. AIRPORT PERSONNEL WILL NOT SWEEP UP AFTER TAXIWAY/APRON PAVEMENT REPAIRS. DURING APRONITAXIWAY REPAIRS, THE CONTRACTOR IS RESPONSIBLE TO KEEP THE AGAICLEAR OF DEBRIS WITH HIS OWN FORCES AND EQUIPMENT.

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. Much Date 1-2208

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: P. CARROLL

DESIGNED 8Y

DRAWN BY:

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

SITKA AIRPORT APRON, TAXIWAY, & RUNWAY PAVEMENT REPAIRS PROJECT #68919 & 68972

SHEET NO.

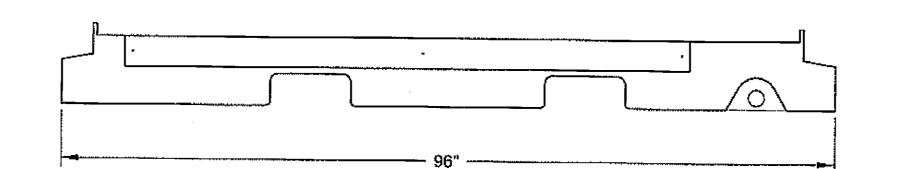
2008 **J3**

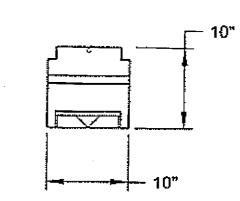
TOTAL SHEETS

CONSTRUCTION SAFETY PLAN PHASE 2 C. TRIPP N. GEARY

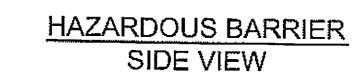
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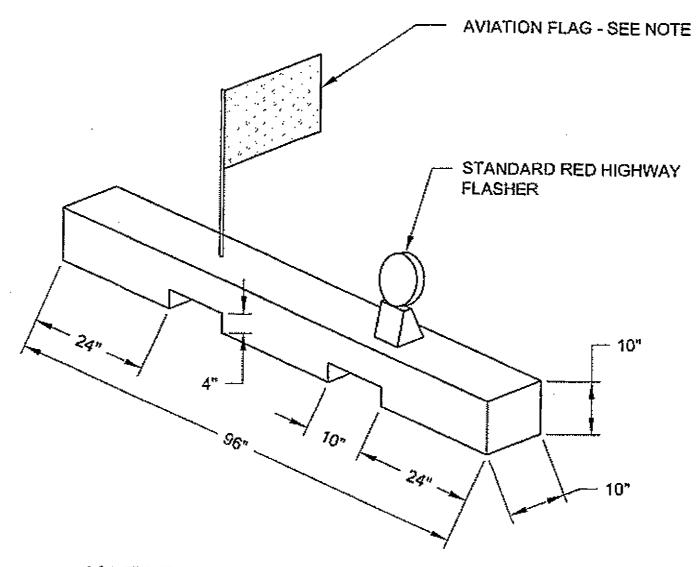
PROJECT DESIGNATION 3-02-0200-052-2005 & REVISIONS
NO. DATE DESCRIPTION 3-02-0200-060-2007



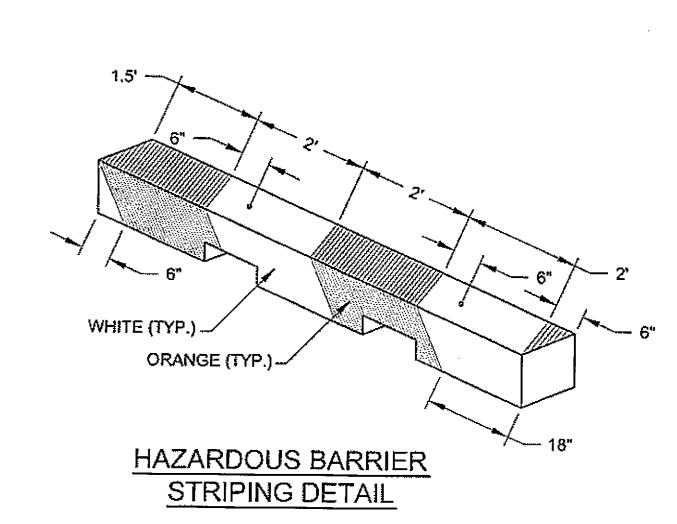


HAZARDOUS BARRIER **ELEVATION VIEW**





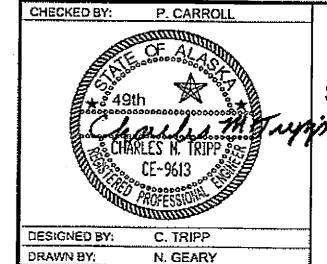
HAZARDOUS BARRIER PREPERATION OF FLAG & FLASHER MOUNT DETAIL



HAZARDOUS BARRIER NOTES:

- 1. BARRIERS 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 AND WITH A MAXIMUM SPACING OF 20
- 3. THESE BARRICADES NEED TO 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,

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS



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

SITKA AIRPORT APRON, TAXIWAY, & RUNWAY PAVEMENT REPAIRS PROJECT #68919 & 68972

CONSTRUCTION SAFETY PLAN 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 Date

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PROJECT DESIGNATION 3-02-0200-052-2005 & SHEET TOTAL NO. SHEETS NO. DATE DESCRIPTION 3-02-0200-060-2007 | 2008 | **J4**