



THE STATE  
of **ALASKA**  
GOVERNOR MIKE DUNLEAVY

**Department of Transportation  
and Public Facilities**

SOUTHCOST REGION  
Contracts Office

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February 28, 2020

RE: ADDENDUM NO. 1 TO REQUEST  
FOR PROPOSALS (RFP) PACKAGE:

25203024

SFHWHY00263; JNU: Marine, Franklin, & Thane: Seward to Mt. Roberts- Survey Services

EMAIL TO: All RFP recipients on record.

The RFP Package is hereby clarified or changed as follows:

1. The proposal due date remains unchanged.
2. **RFP Part C- Evaluation Criteria;** Replace **Part C** in its entirety with the attached **Part C**, identified as Attachment #1 to this addendum. The weight for Criteria #3- Management- has been corrected.
3. **Survey Control Sheets;** The **Survey Control Sheets** referenced in the Statement of Services have been added. These sheets were omitted from the advertised documents.

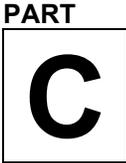
All other terms and conditions remain the same.

END OF ADDENDUM

We appreciate your participation in this solicitation.

Sincerely,

Jeff Jenkins  
Chief of Contracts



# EVALUATION CRITERIA

Criteria with a weight of zero are not applicable and should be disregarded. If a weight is not indicated for any criterion, telephone the Agency Contact person identified at the top of page 1 of Part A - RFP.

## SECTION I - TECHNICAL PROPOSAL

### 1. Objectives and Services

1. Weight: 15

Response must **demonstrate your comprehension of the objectives and services** for the proposed contract. Do not merely duplicate the Statement of Services provided with this RFP. Also, consider if Statement of Services is sufficiently explicit; are expressed or implied schedules attainable/economically feasible; etcetera? Explain. **Define any assumptions made** in formulating Criteria Response. If design services for a construction project are included, express any opinions regarding alternative design considerations that could impact construction costs.

### 2. Methods

2. Weight: 10

Response must outline the methods for accomplishing the proposed contract or, if methodology is contained in the proposed Statement of Services, address its adequacy. Describe what, when, where, how, and in what sequence the work will be done. Address how proximity to the Project site, *particular* geographic familiarity, experience, and capabilities of your firms (Offeror and Proposed Subcontractors) and Project Staff might *specifically* contribute to the proposed methods. Identify the amount and type of work to be performed by any Subcontractors. Consider how each task may be carried out; what services or interaction required from/with the Contracting Agency; etcetera. Suggest alternatives, if appropriate. Identify any **distinct and substantive qualifications** for undertaking the proposed contract such as the availability of specialized equipment or unique approaches or concepts **relevant to the required services** which the firms may use.

### 3. Management

3. Weight: 10

Response must describe the administrative and operational structures that will be used for performing the proposed contract. For example consider: who will have overall responsibility for the contract? Who will have direct responsibility for specific disciplines? What will the lines of authority be? For any individual who would be in "responsible-charge" (reference AS 08.48) as an Architect, Engineer, Land Surveyor or Landscape Architect, so state and list his/her Alaska professional registration number. A graphic depiction is preferred in your response to this criterion. Additionally, the Contracting Agency may want to inspect work products in progress and have a close ongoing working relationship with your Project Staff. Accordingly, your response should also identify where the various contract services will be performed, *in proximity to the Contracting Agency's office*, and how communications will be maintained between your Project Staff, the Contracting Agency, and (as applicable) any other government agencies or the public.

### 4. Proposed Project Staff

4. Weight: 15

Response must name the individuals to perform the following **FUNCTIONS** plus any other professional/technical functions you deem essential to perform the services:

1. Contract Management (contract compliance)
  2. Project Management (single point-of-contact directly engaged in contract performance)
  3. Registered Professional Land Surveyor in responsible charge of project.
  4. Ground Survey Team
  5. Survey Office Staff
- \*All personnel acting in responsible charge for all Architectural, Engineering, Land Surveying, and Landscape Architecture functions require an Alaska Registration and must be identified in your proposal.

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Describe the work to be performed by the individuals you name to perform essential functions and detail their specific qualifications and substantive **experience directly related to the proposed contract**. A response prepared specifically for this proposal is required. Marketing resumes often include non-relevant information which may detract from the evaluation of proposal. Lists of projects are not useful. Focus on individual's specific duties and responsibilities and how project experience is relevant to the proposed contract.

For each person named, identify their: employer, professional discipline or job classification and state of residency. List at least 3 professional references (contact persons and telephone numbers) for each person.

#### 5. Workload and Resources

5. Weight: 15

Response must: (1) discuss both current and potential time commitments of your proposed Project Staff to all clients; (2) discuss the projected workload of each firm (Offeror and Proposed Subcontractors) for all clients; and (3) demonstrate adequate support personnel, facilities and other resources to provide the services required. Provide a list of current contracts with the Contracting Agency in which your proposed Project Staff are participating. Include all contracts statewide with regions, divisions, etc., of the Contracting Agency.

Briefly address capabilities for providing additional services and/or services under an accelerated schedule. Address capacity to reassign personnel, equipment and facilities whenever the proposed contract would not require such capabilities or was delayed.

#### 6. Past Performance & Quality Control

6. Weight: 20

Response must describe previous projects the project team has worked on that are related in size and scope to this project. Describe the dollar amount of the projects and a brief narrative of the successes of the projects. Address how the experience will help your team to perform under this contract. Provide references (contact name and phone number) for each project. Indicate which of the proposed firms and project staff was involved in each project. The State reserves the right to investigate referenced projects, contact references and research other projects that the respondent has worked on.

Include in your response a description of your firm's quality control process and how this process has affected the quality of your deliverables. Use specific examples.

#### 7. Quality of Proposal

7. Weight: 5

**Offerors do not respond to this criterion.** Committee members will rate this criterion based on their perception of the clarity, completeness and presentation of submittal. Note: This criterion is **NOT** used to evaluate color, graphics or other visual techniques except as they may detract from legibility.

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**8. Availability and Vicinity to Juneau**

**8. Weight: 10**

Discuss your availability to commit and deploy resources and personnel to Juneau as required to provide deliverables described in the RFP and in the time outlined in your proposal.

**9.**

**9. Weight: 0**

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**SECTION II - PREFERENCES**

**10. Disadvantaged Business Enterprises** **49 CFR 26**

**10. Weight: 0**

This solicitation is being conducted under the Department’s Race Neutral Disadvantaged Business Enterprise (DBE) program for construction related professional services solicitations. Therefore, there is no DBE goal for this solicitation and the criterion has a weight of zero (0).

See rfp-a, section 15. Special Notices, paragraph 15.2.

**11. Alaska Bidder (Offeror) Preference**  
**23 CFR 172.7(a)(1)(iii)(C), AC 150/5100-14E, and 2 AAC 12.260(e)**  
**Weight shall be “0” if any federal funding, otherwise weight shall be at least “10”.**

**11. Weight: 0**

To be granted this preference:

**Offeror must claim the Alaska Bidder (Offeror) Preference on page one of Part D Proposal Form. In claiming the Alaska Bidder (Offeror) Preference on page one of Part D, the Offeror is certifying that they meet the following requirements per AS 36.30.990:**

- (A) Firm holds a current Alaska Business License;
- (B) Proposal is submitted under the name as appearing on the Firm's current Alaska Business License;
- (C) Firm has maintained a place of business within Alaska, staffed by the Firm or an employee of the Firm, for a period of six months immediately preceding the date of the offer;
- (D) Firm is incorporated or qualified to do business under the laws of the State of Alaska, is a sole proprietorship, and the proprietor is a resident of Alaska, is a limited liability company organized under AS 10.50 and all members are residents of Alaska, or is a partnership under AS 32.06, or AS 32.11 and all partners are residents of Alaska; and
- (E) If the Firm is a Joint Venture, it is composed entirely of entities that qualify under (A) - (D).

*Alaska Bidder (Offeror) Preference will be scored: Rating x Number of Evaluators x Weight = Criterion Score.*

*Rating will be as follows:*

*An Alaska Offeror’s preference (i.e., a Rating of 5) will be assigned to the proposal of an Offeror who certifies (by claiming the preference on page one of Part D) that they are an Alaska Bidder (Offeror) as described above.*

*No Alaska Offeror’s preference (i.e., a Rating of 0) will be assigned to the proposal of an Offeror who does not certify (by failure to claim the preference on page one of Part D) that it qualifies as an Alaska Bidder (Offeror) as described above.*

No narrative response to this criterion is required within the Offeror’s Proposal.

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SECTION III - PRICE

If price is not an Evaluation Criterion, weights for both Criterion #12 and #13 shall be "0". If price is an Evaluation Criterion, the sum of weights for Criterion #12 and #13 shall be at least "10", and all Offerors shall submit Price Proposals in the specified format(s).

See item #9, under Notices in Part A – RFP, regarding statutory and regulatory provisions about price competition and item #10.3, in Part B – Submittal Checklist, regarding procedure for submittal of Billing Rates and/or Price Proposals. Cost terminology is explained on page 2 of the Pre-Audit Statement (DOT&PF Form 25A257).

CAUTION: Submittal of Offeror's or Subcontractor's "standard" rate schedules or other pricing documents which are not in required format will be non-responsive if they do not allow direct comparison with other responsive proposals.

Rates and costs proposed by the Offeror selected for contract negotiations may be investigated for reasonableness and allowability in accordance with AS 36.30.400, .420 & .480, 2 AAC 12.550 and the contract cost principles in 48 CFR Part 31. Unsupported rates and costs may be disallowed or result in termination of negotiations, or contract award. All proposed rates and the negotiated contract rates will be public information.

12. Labor Billing Rates (Required Format)

12. Weight: 0

Provide a proposed total hourly Billing Rate (i.e., inclusive of Direct Cost of Direct Labor, all Indirect Costs, and Fee) only for each of the job FUNCTIONS listed below. Note: Some of these functions may be performed by one or more employees of the Offeror or Subcontractors; consequently, an individual might be billed under the contract at different rates appropriate to the functions performed. Only the maximum rate paid to any individual for each listed job function – regardless of employer (Offeror or Subcontractor) – must be provided and will be considered for this response. Rates for lower paid individuals or for other job functions, if any, will be addressed during contract negotiations.

Table with 3 columns: Job Function, Estimated at, % of total labor effort. Rows include Contract Management, Project Management, and three blank rows.

\*In accordance with the submittal Checklist ('rfp-b'), item 10.3, Billing Rates must be signed and dated by the person who prepares it (may be different signatures for each Subcontractor)

Response will be scored as follows: The maximum hourly rates proposed for the job functions listed above will be multiplied by the percentage of total labor effort (estimated above) and then summed to obtain an aggregate rate for each Offeror. If more than one rate is provided for any job function, only the highest rate will be used. Each Offeror's score will be calculated using the following equation – except that the score will be zero if a rate for each listed function is not provided by an Offeror.

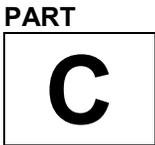
(Lowest aggregate rate from all Offerors) x (MPP\*) = Offeror's Criterion Score (Offeror's aggregate rate)

\*MPP = Maximum Possible Points = (5) x (Number of Evaluators) x (Weight)

If no federal funding, then per AS 36.30.250(b), aggregate rates shall be reduced for the above calculation by the following applicable percentages when the rates are from Offerors that designate preferences on page one of Part D.

- ALASKA BIDDER (OFFEROR) PREFERENCE [2 AAC 12.260(d)]..... 5%
- ALASKA VETERAN-OWNED BUSINESS PREFERENCE [AS 36.30.175] (maximum \$5000)..... 5%
and only ONE of the following:
- EMPLOYMENT PROGRAM PREFERENCE [AS 36.30.170(c)] ..... 15%
- DISABLED SOLE PROPRIETOR OR 50% DISABLED EMPLOYEES [AS 36.30.170(e & f)]..... 10%

To claim employment or disabled preference, Offeror must be on the appropriate Alaska Division of Vocational Rehabilitation list at the time designated for opening (i.e., receipt) of proposals.



**13. Total Price Proposal (Required Format)**

**13. Weight: 0**

Provide proposed costs for all labor, subcontracts, equipment, expenses, etc., and a proposed amount for Fee. Submit a separate price proposal in the following format for the Offeror and for each Subcontract (first, second, third tier, etc.) that may exceed \$25,000. Each price proposal must be signed and dated by the person who prepares it. Note that the PRICES of the next lower tier subcontracts must be listed as COSTS in Item #4 (Other Direct Costs) of the price proposal for the next higher tier contractor so that the price of all subcontracts "roll-up" into the Offeror's total price proposal.

1. Show project title, project number, and Offeror or Subcontractor Name.

**2. Direct Costs of Direct Labor (DCDL)**

Show the estimated costs for each job classification of employees proposed for the contract. List under the following headings. Names required only for key staff and/or persons in "responsible-charge" (Ref: AS 08.48). **Hourly Rates must not include Indirect Costs or Fee.**

<u>Job Classification</u>	<u>Name</u>	<u>Total Hours</u>	<u>Rate(\$/hr)</u>	<u>Proposed Costs (\$)</u>
				Total DCDL: \$ _____

**3. Indirect Costs (IDC)**

These costs include what are generally referred to as 1) Fringe Benefits and 2) Overhead (including direct and indirect costs of Indirect Labor). Show the Proposed IDC Rate as a percentage of Direct Costs of Direct Labor and the product (IDC Amount) of that Rate multiplied by the total DCDL.

IDC Rate: \_\_\_\_\_ % IDC Amount: \$ \_\_\_\_\_

**4. Other Direct Costs (ODC)**

These costs include: subcontracts, equipment (company owned or rented), and reimbursable expenses (e.g., transportation, food and lodging, reproduction) – if not included in Indirect Costs. List proposed costs under the following headings. If multiples of an item required, list the proposed quantity, unit rate, and total cost for each. **Costs must be based on actual costs to the offeror or the subcontractor, without any profit or other markup.**

<u>Item</u>	<u>Quantity</u>	<u>Cost (\$/Unit)</u>	<u>Proposed Costs (\$)</u>
			Total ODC: \$ _____

**5. Total Proposed Cost**

Sum of DCDL + IDC + ODC Total Cost: \$ \_\_\_\_\_

**6. Proposed Fee**

List a proposed amount (Contract Fee is generally negotiated using a structured Fee analysis of proposed costs). Proposed Fee: \$ \_\_\_\_\_

**7. Total Proposed Price**

Sum of Total Proposed Cost plus Proposed FEE. Total Price: \$ \_\_\_\_\_

8. *In accordance with the Submittal Checklist ('rfp-b'), item 10.3, Price Proposals must be signed and dated by the person who prepares it (may be a different signature for each subcontractor).*

Response will be scored as follows:  $\frac{(\text{Lowest Total Proposed Price}) \times (\text{MPP}^*)}{(\text{Offeror's Total Proposed Price})} = \text{Criterion Score}$

\*MPP = Maximum Possible Points = (5) x (Number of Evaluators) x (Weight)

If no federal funding, then per AS 36.30.250(b), total price shall be reduced for the above calculation by the following applicable percentages when the prices are from Offerors **designate preferences on page one of Part D.**

- ALASKA BIDDER (OFFEROR) PREFERENCE [2 AAC 12.260(d)]..... 5%
- ALASKA VETERAN-OWNED BUSINESS PREFERENCE [AS 36.30.321(f)] (maximum \$5,000)..... 5%
- and only ONE of the following:
- EMPLOYMENT PROGRAM PREFERENCE [AS 36.30.321(b)] ..... 15%
- DISABLED SOLE PROPRIETOR [AS 36.30.321(d) / (k)] ..... 10%

To claim employment or disabled preference, Offeror must be on the appropriate Alaska Division of Vocational Rehabilitation list at the time designated for opening (i.e., receipt) of proposals.

FILE: C:\jnu\69393\1\1\C3D14\SOURCE DWGS\BASEMAP\A2\_042418.dwg DATE: 8/6/2018 13:31 LAYOUT: A4 DESIGNED: J. Papoi CHECKED: D. Ignatov DRAFTED: J. Papoi

**HORIZONTAL CONTROL**

Horizontal Control for this project is based on the DOT/PF 2000 Juneau Grid

The DOT/PF Juneau Grid-2000 System is a local ground coordinate system based at USC&GS first order control station EDDIE (Destroyed). It relates to AKSPC zone 1 NAD83 (1992) through the following parameters:

- Zone = NAD83 (1992) AKSPC ZONE 1
- Grid Scale = 0.999928875
- Convergence = -0°45'27.26"
- Translation about USC&GS point EDDIE (Destroyed) as follows:
- AKSPC Northing = 2383469.17 FT US
- AKSPC Easting = 2512570.06 FT US
- Local Northing = 500000.00 FT US
- Local Easting = 500000.00 FT US

**Project Specific Horizontal Control**

15: BM NOS 3.5" Brass Cap 2210-A in 4" PVC pipe in gravel Parking area. Point is 5.2' @ N 71° E From Steel Fence Corner & 24.5' @ N 12° W From Corner CBJ Sewer Pump Station  
 JNU-Grid N 479246.89 FT US, E 530469.52 FT US  
 AKSPC N 2362316.52 FT US, E 2542760.37 FT US

16: BM NOS 2210-B 3.5" Brass Cap set flush in Concrete Near Centerline of Sewer Pump Station Cover. 6.85' Behind Guard Rail on East Side of Gold Creek Bridge & Egan  
 JNU-Grid N 479141.50 FT US, E 528830.94 FT US  
 AKSPC N 2362232.81 FT US, E 2541120.67 FT US

**VERTICAL CONTROL**

The Vertical Datum for JNU Grid-2000 is Mean Lower Low Water = 0.00' Gastineau Channel - Stephens Pass tidal datum based on NOAA NOS tidal benchmark series 9452210. The tidal epoch is 1960-1978, time period 1994-1998, published 11/1999. The latest NOS publication (May 2014) on the 2007 - 2011 tidal epoch, time period 2007-2011 indicates the tidal benchmark series has risen 0.56' at benchmark 9452210 C.

**The Project Specific Basis of Vertical Control**

The Project Specific Basis of Vertical Control is point #960 "2210-C". It is a 3.25" domed brass cap located in bedrock at the SE Corner of the State Archives and Records Building on Willoughby Street. TBM 2210-C is marked with a white witness sign nailed on the entrance of a mine shaft South West of a wooden door that covers the mine shaft. TBM-2210-C has an observed elevation of 29.40' feet above MLLW.

Existing Survey Control Table						
Point #	Northing	Easting	Elevation	Description	Station	Offset
11	479039.30	528949.99	31.44	ALCTRL2" _WM-11	57+39.07	34.27R
12	479654.27	528688.99	29.27	BC2" _WM-12	52+04.20	495.90L
100	479930.87	527857.06	27.67	ALCTRL2"	42+71.10	57.18L
230	480096.66	527597.31	26.00	BC_3.25" _TERRA_USACE	N\A	N\A

All SURVEY CONTROL monuments in this table are provided strictly for survey control. Should any of them be destroyed during construction they SHALL NOT be replaced.

Existing Centerline Monuments To Be Removed					
Point #	Northing	Easting	Description	Station	Offset
102	479093.22	529215.72	CL_MON_PT60+01.77	60+04.65	4.01L
105	479214.29	529891.68	CL_MON_WHITTIER/EGAN	66+91.37	4.01L
108	479157.44	528587.11	CL_MON_PC53+61.62	53+62.62	3.00L
115	479324.76	530591.74	CL_MON_PI73+97.25	73+98.64	14.08L
119	479874.96	527827.08	CL_MON_10TH&EGAN	42+99.92	0.65L
120	479880.82	527822.97	CL_MON_10TH&EGAN	42+92.75	0.62L
122	479298.10	531045.57	CL_MON_PT78+52.47	78+53.95	1.05R
137	479266.71	530970.59	CL_MON_DOH	77+76.79	21.73R
138	479309.96	531101.88	CL_MON_EGAN_MAIN	79+11.49	1.03R
139	479338.76	531231.62	CL_MON_DOH	80+41.17	15.20L
961	479262.75	530370.54	CL_MON_DOH	71+71.89	22.26R
971	479317.16	530523.27	CL_MON_DOT	73+30.54	10.54L
992	479511.62	528113.50	CL_MON_EGAN	47+62.72	3.99L

**Existing Centerline Monuments to be Removed.**

Approximate Location Of New Shoulder Monuments					
Point #	Northing	Easting	Description	Station	Offset
1600	480260.78	527505.03	APPROX_SH_MON	N\A	N\A
1601	479925.76	527849.92	APPROX_SH_MON	42+71.22	48.40L
1602	479476.00	528090.27	APPROX_SH_MON	47+75.78	36.42R
1603	479164.12	528473.54	APPROX_SH_MON	52+57.99	37.91R
1604	479033.91	529108.49	APPROX_SH_MON	58+92.59	41.42R
1605	479172.32	529879.04	APPROX_SH_MON	66+71.53	35.08R
1606	479282.88	530501.04	APPROX_SH_MON	73+04.91	21.37R
1607	479320.56	530931.83	APPROX_SH_MON	77+39.87	33.68L
1608	479344.05	531244.76	APPROX_SH_MON	80+52.80	22.09L
1609	479234.72	531509.94	APPROX_SH_MON	N\A	N\A

Proposed Location of Shoulder Monuments To Be Set After Construction. Shoulder Monuments Must Be Line of Sight Between Each Monument. Contractor Can Move the Shoulder Monuments and Cases As Needed to Maintain Sight Line Between Shoulder Monuments as Directed by Engineer.

**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, property markers, or accessories that 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.

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2018	A4	A10

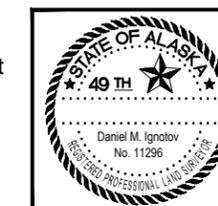
Existing Property					
Point #	Northing	Easting	Description	Station	Offset
111	479430.19	529831.46	CL_MON_BENT	66+70.17	227.14L
121	480260.66	527554.51	CL_MON_12TH&EGAN	N\A	N\A
134	479336.52	531286.72	BC3" _RM-1 _ATS-3	80+92.33	23.61L
140	479384.22	531261.18	CL_MON_SEWARD	80+61.35	64.37L
469	479416.04	530828.75	BC3" _ATS 3 _RM	76+20.36	120.17L
968	479386.92	530467.40	ALCAP3" _CBJ _CENT-HALL	72+84.42	85.93L
969	479335.11	530450.10	ALCAP3" _CBJ _CENT-HALL	72+61.39	36.98L
1005	479439.16	528699.97	BC2.5" _DEPT _HIGHWAY _CL _MON	53+62.62	306.49L
1006	479098.22	528787.20	BC3" _TNH _S949	55+72.17	3.56L
1011	479414.00	529815.17	PLASCAP _DOWL	66+51.27	214.08L
1013	479449.33	529801.03	ALCAP _FND 2" -7712S	66+43.58	251.35L

Existing Property Monuments To Be Referenced and Replaced					
Point #	Northing	Easting	Description	Station	Offset
970	479308.43	530254.67	ALCAP3" _CBJ _CENT-HALL	70+64.46	40.75L
1000	479163.95	529872.29	PLASCAP1.25" _7712S	66+63.41	42.13R
1001	479177.40	529957.49	PLASCAP1.25" _7712S	67+50.62	42.86R
1002	479153.54	529944.61	PLASCAP1.25" _7712S	67+34.21	64.44R
1003	479152.37	529941.86	PLASCAP1.25" _7712S	67+31.31	65.17R
1004	479182.16	529966.79	ALSEC2" _WC _7712S	67+60.54	39.59R
1007	479169.98	529376.19	PLASCAP _LS3650 _BEAN	61+76.15	51.27L
1010	479166.40	529379.92	3.25" _ALCAP _R&M _L1 \L1 _7570-S	61+79.19	47.10L
1012	479246.62	530319.70	PLASCAP _TAC _FND -T&N _7712S	71+19.17	30.36R

Existing Project Vertical Control						
Point #	Northing	Easting	Elevation	Description	Station	Offset
15	479246.89	530469.52	25.58	BM_NOS_GALV-ROD_2210-A	72+67.93	53.12R
16	479141.50	528830.94	28.79	BM_NOS_GALV-ROD_2210-B	56+08.15	54.13L
75	479548.12	527493.17	45.88	CTRL_BC_2.5" _ABUT	N\A	N\A
960	479532.22	530505.18	29.40	BM_NOS_BC3.5" _2210-C	73+31.33	226.36L
962	479333.58	530433.02	29.87	TBM_ALCAP2" _WG-91	72+44.56	38.07L
1014	479451.47	529782.41	26.82	BC_NOS-BM 2200M-2017	66+25.63	256.73L

All PROPERTY MONUMENTS in these existing property tables shall be **preserved** and **referenced** prior to disturbance and replaced at their original horizontal position. A RECORD OF MONUMENT FORM IN ACCORDANCE WITH A.S.34.65.040 SHALL BE SUBMITTED TO DOT PROJECT ENGINEER FOR REVIEW PRIOR TO RECORDING FOR EACH MONUMENT.

**The Existing Project Vertical Control monuments are National Ocean Service Tidal Benchmarks and MUST NOT be disturbed.**

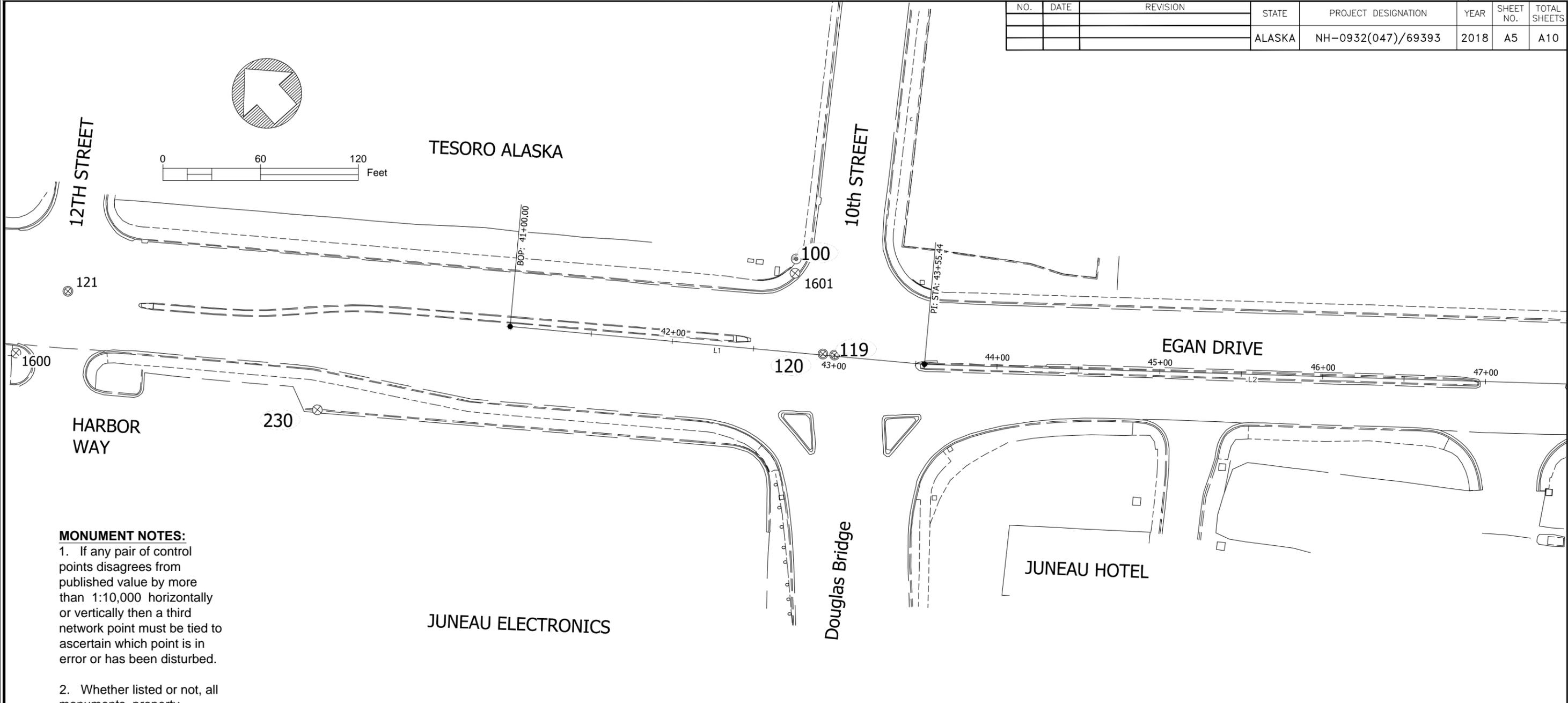


STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
 EGAN DR IMPROVEMENTS,  
 MAIN ST. TO 10TH ST

SURVEY CONTROL SHEET

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2018	A5	A10

FILE: O:\jnu\69393\SV\03014\SOURCE DWGS\BASEMAP\A2\_042418.dwg  
 DATE: 8/6/2018 13:31 LAYOUT: A5  
 DESIGNED: J. Papoi  
 CHECKED: D. Ignatov  
 DRAFTED: J. Papoi

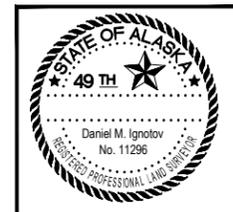


**MONUMENT NOTES:**

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10th TO MAIN STREET DESIGN ALIGNMENT							
SEGMENT	STATION	NORTHING	EASTING	STATION	RADIUS	LENGTH	DELTA
L1	41+00.00	480038.76	527712.47	43+55.44			
L2	43+55.44	479828.98	527858.23	47+58.95			
C1	47+58.95	479512.09	528108.03	60+07.98	1156.00	1249.03	61°54'24"
L3	60+07.98	479089.85	529219.70	67+02.78			
L4	67+02.78	479212.36	529903.61	72+52.58			
C2	72+52.58	479297.20	530446.82	75+86.02	1170.00	333.45	16°19'45"
L5	75+86.02	479301.33	530779.12	76+60.17			
C3	76+60.17	479291.72	530852.64	78+54.16	575.00	193.99	19°19'50"
L6	78+54.16	479299.17	531045.57	79+50.62			
C4	79+50.62	479319.03	531139.96	81+21.22	290.00	170.60	33°42'24"
L7	81+21.22	479304.45	531307.48	82+50.00			

COORDINATES LISTED ABOVE HOLD OVER DISTANCE AND BEARING



STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES  
**EGAN DR IMPROVEMENTS,  
 MAIN ST. TO 10TH ST**  
 SURVEY CONTROL SHEET

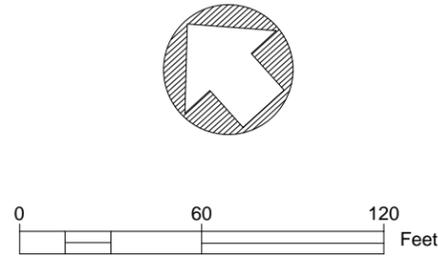
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2018	A6	A10

**MONUMENT NOTES:**

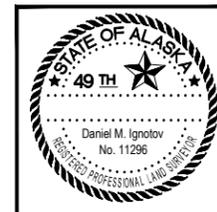
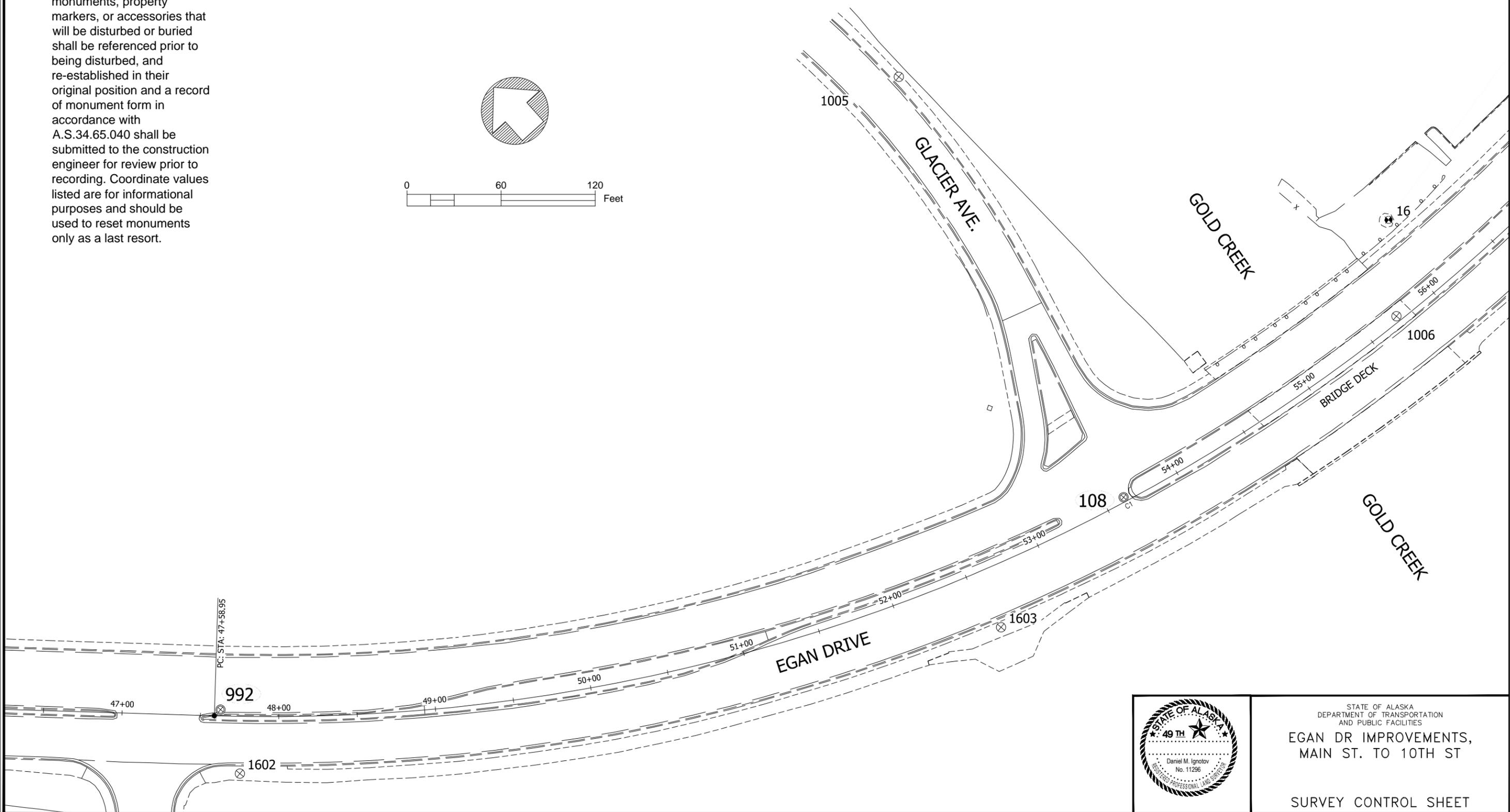
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⊗  
12



FILE: O:\nu\69393\SV\03014\SOURCE DWGS\BASEMAP\A2\_042418.dwg  
 DATE: 8/6/2018 13:31 LAYOUT: A6  
 DESIGNED: J. Papoi  
 CHECKED: D. Ignatov  
 DRAFTED: J. Papoi



STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC FACILITIES

**EGAN DR IMPROVEMENTS,  
 MAIN ST. TO 10TH ST**

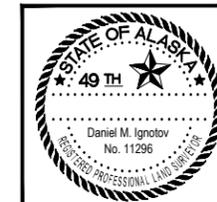
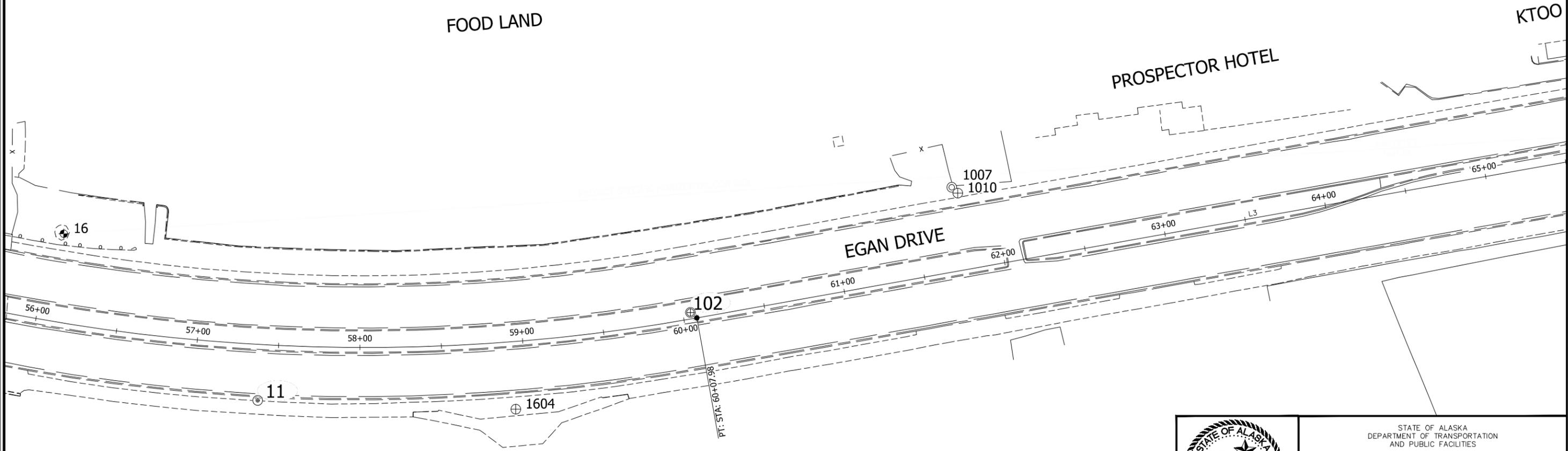
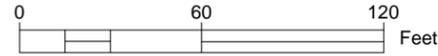
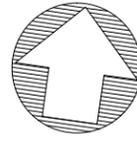
SURVEY CONTROL SHEET

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2018	A7	A10

FILE: Q:\nu\69393\3\3D14\SOURCE DWGS\BASEMAP\A2\_042418.dwg  
 DATE: 8/6/2018 13:31 LAYOUT: A7  
 DESIGNED: J. Papoi  
 CHECKED: D. Ignatov  
 DRAFTED: J. Papoi

**MONUMENT NOTES:**

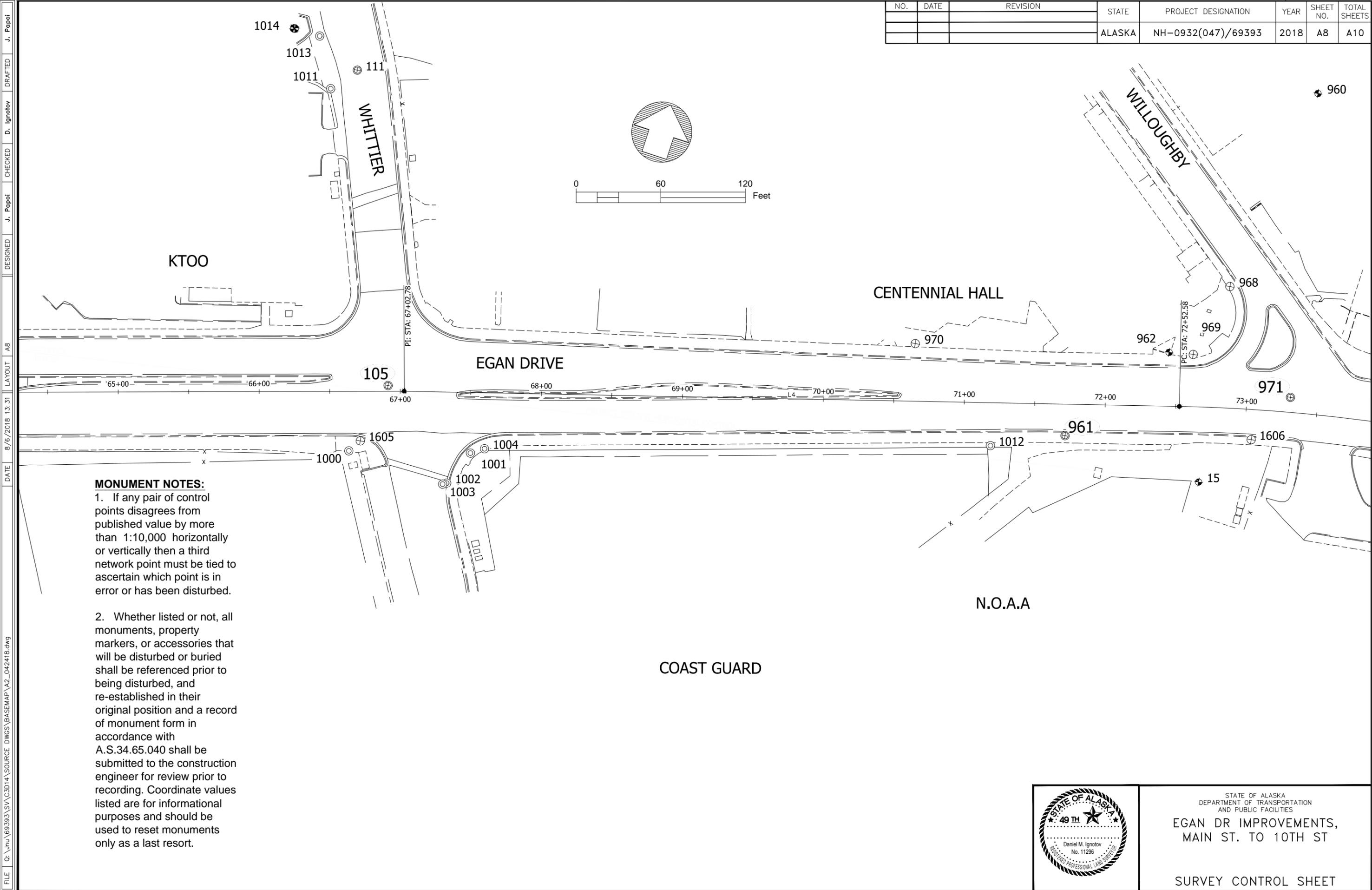
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**EGAN DR IMPROVEMENTS,  
 MAIN ST. TO 10TH ST**

SURVEY CONTROL SHEET

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2018	A8	A10

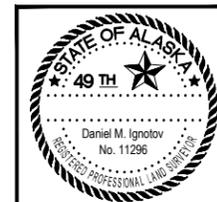


**MONUMENT NOTES:**

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FILE: Q:\nu\69393\1\03014\SOURCE DWGS\BASEMAP\A2\_042418.dwg DATE: 8/6/2018 13:31 LAYOUT: A8 DESIGNED: J. Papoi CHECKED: D. Ignatov DRAFTED: J. Papoi

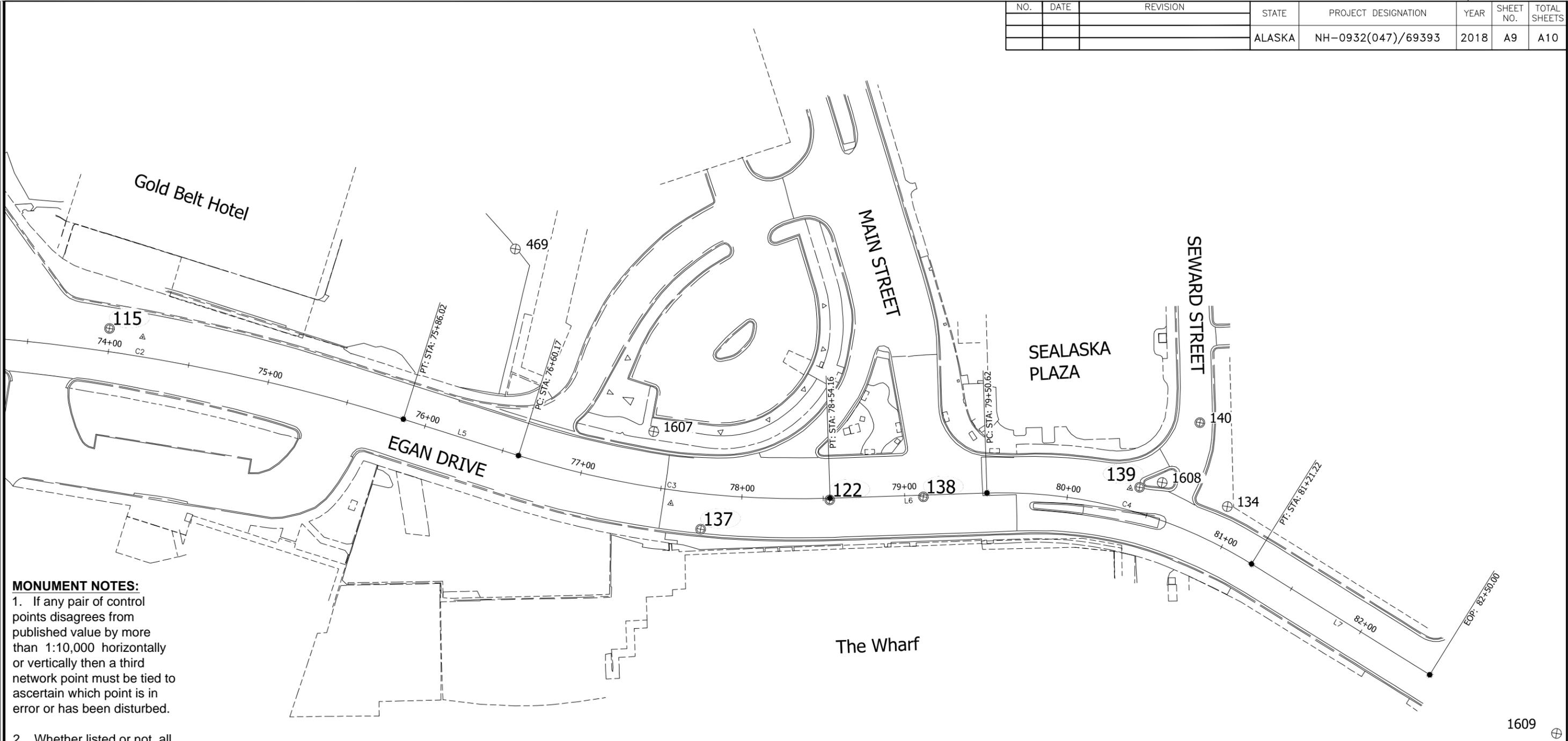


STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES  
EGAN DR IMPROVEMENTS,  
MAIN ST. TO 10TH ST

SURVEY CONTROL SHEET

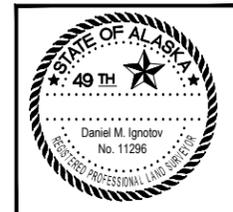
NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			ALASKA	NH-0932(047)/69393	2018	A9	A10

FILE: C:\nu\69393\SV\C3D14\SOURCE DWGS\BASEMAP\A2\_042418.dwg  
 DATE: 8/6/2018 13:31 LAYOUT: A9 DESIGNED: J. Papoi CHECKED: D. Ignatov DRAFTED: J. Papoi



**MONUMENT NOTES:**

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 MAIN ST. TO 10TH ST**

SURVEY CONTROL SHEET