Alaska Department of Transportation & Public Facilities

PART **A**

REQUEST FOR PROPOSALS PACKAGE

(Procurement per Article 3 of AS 36.30)

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Other: N/A

ISSUING OFFICE

Agency Contact & Phone No..... : Matthew T. Burkholder, PLS, SR/WA, (907) 269-0701
Contracting Division..... : State of Alaska Department of Transportation & Public Facilities, Central Region
..... Design & Engineering Services

PROJECT

RFP NUMBER.....: 25212002
Project Numbers-State/Federal.....: CFHWY00076 / 0A41035
Project Site (City, Village, etc.).....: Matanuska – Susitna Borough, Alaska
Project Title & Contract Description.....: Parks Hwy: Houston to Wasilla Survey and Mapping Services

The Contractor shall provide Survey and Mapping services for Parks Hwy MP 57-72, from the Little Susitna Bridge to the Willow Creek Bridge as required by the Contracting Agency for this project.

SCHEDULE & PAYMENT

Anticipated period for performance-Begin/End: September 2020 through September 2025

Estimated amount of proposed contract:

- ☐ Less than $200,000
- ☐ $200,000 to $250,000
- ☒ $250,000 to $500,000
- ☐ $500,000 to $1,000,000
- ☐ $1,000,000 or greater

Proposed Method(s) of Payment:

- ☐ Fixed Price Plus Expenses (FPPE)
- ☐ Firm Fixed Price (FFP)
- ☐ Other:
- ☒ Cost Plus Fixed Fee (CPFF)

SUBMITTAL DEADLINE AND LOCATION

OFFERORS ARE RESPONSIBLE TO ASSURE DELIVERY PRIOR TO DEADLINE (2 AAC 12.250).
ONLY PROPOSALS RECEIVED PRIOR TO THE FOLLOWING DATE AND TIME WILL BE OPENED.

DATE: **August 14, 2020** PREVAILING TIME: **4:00 PM**

EMAIL OR HAND DELIVER ONLY DIRECTLY TO FOLLOWING LOCATION (and person, if named):
***Also see 15. Special Consideration, item 15.5**

Kathleen A. Bridenbaugh, PSA Unit Supervisor
AK Department of Transportation & Public Facilities
4111 Aviation Avenue
Anchorage, AK 99502
Email: crdotpfcontracts@alaska.gov

IMPORTANT NOTICE: If you downloaded this solicitation from the State's Website, you must self-register for the Plan Holders list to receive subsequent addenda. Failure to register may adversely affect your proposal. It is the Offeror's responsibility to ensure that he has received all addenda affecting this RFP.

PART

A

SELECTION PROCEDURE

1. Competitive Sealed Proposals will be evaluated by a committee (2 AAC 12, Article 4). Evaluation of responses to criteria set forth in Part C results in a numerical score for each proposal. Each criterion in Part C has an assigned weight for this RFP which demonstrates its relative importance. The total of all weights is 100 (100%). Each one- percent weight equates to a range of 0-5 points per Evaluator. The maximum points (score) obtainable for any proposal is equal to the product of 500 multiplied by the number of Evaluators.

2. Scoring of proposals will be accomplished as follows:

2.1 Each Evaluator will individually read and rate each Offeror's response to each criterion described in Part C - Section I - Technical Proposal. Ratings will be based solely on contents of proposal and in compliance with the Contracting Agency's standard Instructions for Evaluation Committee. Except as may be stated within any criterion description in Part C, a rating of "5" = Best Response from all Offerors; "4" to "1" = Progressively Less Responsive; "0" = Non-Responsive. Ratings are multiplied by the assigned weights for each criterion to obtain criteria scores.

2.2 After completion of individual ratings in Part C, Section 1, Technical Proposal, the Evaluation Committee will meet to discuss proposals. Evaluators may then alter their ratings; however, any changes shall be based solely on the criteria set forth in Part C.

2.3 After scoring Part C - Section I - Technical Proposal, criteria scores for Part C - Section II - Preferences, and Section III - Price (if applicable), will be calculated based on criteria descriptions.

2.4 The total score for each Offeror will be obtained by summing the scores determined for each criterion in Sections I, II and III of Part C. The order of ranking for negotiations shall be as follows: highest scored Offeror will be ranked first, next highest scored second, and etcetera.

3. Evaluators may discuss factual knowledge of, and may investigate Offerors' and proposed Subcontractors' prior work experience and performance, including projects referenced in proposal, available written evaluations, etcetera, and may contact listed references or other persons knowledgeable of a Contractor's and/or a Subcontractor's past performance. Factors such as overall experience relative to the proposed contract, quality of work, control of cost, and ability to meet schedules may be addressed. If any issues of significant concern to the proposed contract are discovered, the Committee may:

3.1 Provide written recommendations for consideration during contract negotiations;

3.2 Conduct discussions in accordance with paragraph 4, below.

4. The Committee may decide to conduct discussions (or "interviews") with responsible Offerors whose proposals are determined to be reasonably susceptible of being selected for award for the purpose of clarification to assure full understanding of, and responsiveness to, the solicitation requirements (AS 36.30.240 & 2 AAC 12.290). Offerors selected by the Committee for discussions may be permitted to submit Best and Final Offers (BAFO) for final Committee Evaluation. After discussions and any BAFOs, Evaluators will determine the final scoring and ranking for contract negotiations by evaluating written and oral responses using only the criteria set forth in Part C of this RFP (2 AAC 12.260(b)).

5. All Offerors will be advised of the Offeror selected for negotiation and, after completion of negotiations, a Notice of Intent to Award will be provided to all Offerors. If contract negotiations are unsuccessful with Offeror(s) selected for negotiation, the Contracting Agency may either cancel the solicitation or negotiate with other Offerors in the order of ranking.

NOTICES

1. The Contracting Agency is an equal opportunity employer.

2. Copies of contract documents are available for review at the Contracting Agency's office. Offerors located outside the general vicinity of the Contracting Agency's office may telephone the Agency Contact identified on page one of this Part A for a discussion of such items.

General Conditions of the Professional Services Agreement are contained in the Small Procurement Standard Provisions Booklet, which is located on the Department's website under "Procurement."

The General Conditions are the **same** for both Competitive Sealed Proposals and Small Procurements.

3. Offerors are specifically advised that a contract shall not be in effect until a written agreement is executed by an authorized agent of the Contracting Agency. The Contracting Agency shall not be liable for any cost incurred by an Offeror in response to this solicitation, including any work done, even in good faith, prior to execution of a contract and issuance of a Notice to Proceed.

4. The Contracting Agency expressly reserves the right to waive minor informalities, negotiate changes or reject any and all proposals and to not award the proposed contract, if in its best interest. "Minor Informalities" means matters of form rather than substance which are evident from the submittal, or are insignificant matters that have a negligible effect on price, quantity, quality, delivery, or contractual conditions and can be waived or corrected without prejudice to other Offerors (2 AAC 12.990).

5. All proposals shall be open for public inspection (AS 36.30.230) after a Notice of Intent to Award is issued. Offerors should not include proprietary information in proposals if such information should not be disclosed to the public. Any language within a submittal purporting to render all or portions of a proposal confidential will be disregarded. Proprietary information which may be provided after selection for contract negotiations will be confidential if expressly agreed to by the Contracting Agency (AS 36.30.230).

6. Substitution for any personnel named in a proposal may result in termination of negotiations.

7. If it is discovered that a selected Offeror is in arrears on taxes due the State of Alaska, a contract may not be awarded until the Alaska Department of Revenue approves the payment provisions for the contract.

8. **Offerors and proposed subcontractors shall be in compliance with the statutory requirements for Alaska business licensing and professional registrations included in the certification statement on Page 2 of Part D in this RFP package.**

9. **PRICE COMPETITION**: Price cannot be an Evaluation Criterion in accordance with Article 3 of AS 36.30 for services that must be performed only by Architects, Engineers, Land Surveyors, or Landscape Architects (A/E, LS or LA)) licensed in the State of Alaska, UNLESS the provisions of AS 36.30.270(d) apply; i.e., unless the services required are repetitious in nature, and the nature and amount of services required are thoroughly defined by measurable and objective standards to reasonably enable firms or persons making proposals to compete with a clear understanding and interpretation of the services required. If price is a factor, a majority of the evaluation committee must be registered in Alaska to perform architectural, engineering, or land surveying services.

9.1 If the services performed do not require an A/E, LS or LA, then all Offerors including any A/E, LS or LA must provide Price Proposals in accordance with AS 36.30.270(b) and 2 AAC 12.260(c).

9.2 Price (or any estimate of labor hours) cannot be an Evaluation Criterion for contracts that will receive Federal-aid highway program funding per 23 CFR 172.7 and FAA Airport Improvement Program funding per AC 150/5100-14E, 2.1. For FAA exceptions: see AC 150/5100/14E, 2.4.

10. An audit of the selected Offerors' and proposed Subcontractors' cost accounting systems and business records may be required to ascertain if systems are adequate for segregating contract costs; to establish a maximum allowable Indirect Cost Rate for the Agency's negotiator; and to investigate the accuracy of proposed labor rates and unit prices. In order not to unduly delay contract negotiation or award, be prepared to submit Pre-Audit Statement, DOT&PF Form 25A257 immediately for your firm and any subcontract that may exceed $250,000.

For contract amounts less than $250,000, the Contracting Agency may require the Offeror and proposed Subcontractor to submit the Pre-Audit Statement if deemed necessary to determine allowable costs under Title 23 CFR requirements. If selected for negotiation, failure to submit properly completed Pre-Audit Statement(s) in a timely manner may disqualify an Offeror from further consideration. Information from Pre-Audit Statements and any Audit conducted for the Contracting Agency is considered proprietary and will be confidential.

11. Standard insurance provisions for Worker's Compensation, General and Automobile Liability, and Professional Liability are contained in DOT&PF Form 25A269, Indemnification and Insurance. Coverages may be modified under very limited circumstances. Offeror should not assume any modification of coverages.

12. Professional Liability Insurance for the proposed contract: ☐ is not required
☒ is required as shown on DOT&PF Form 25A269.

13. The proposed contract ☒ will ☐ will not be a Federally Assisted Program of the U.S. Department of Transportation. If it will be an assisted program, then the Offeror shall insert the following notification in all subcontract solicitations for bids or proposals pertinent to this RFP:

"In accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 USC 2000d to 2000d-4 and Title 49, CFR, U.S. Department of Transportation (U.S. DOT), Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-assisted programs of the U.S. DOT issued pursuant to such Act, in any Subcontract entered into pursuant to this RFP, Disadvantaged Business Enterprise firms will be afforded full opportunity to submit bids or proposals and will not be discriminated against on the grounds of race, color, sex, or national origin, in consideration for an award.

14. Pre-proposal Conference: ☒ None ☐ As follows:

15. Special Notices:

15.1 Per Alaska Statute (AS) 36.30.210(e): An Alaska Business License is required of Contractors who do business in Alaska at time of award. To qualify for the Alaska Offerors' Preference, under AS 36.30.321, an Offeror shall have a valid Alaska business license as a prerequisite to proposal. Information regarding applying for an Alaska Business License can be found on-line at https://www.commerce.alaska.gov/web/cbpl/BusinessLicensing.aspx or by calling 1-907-465-2550. The business license must be in the name of the company under which the proposal is submitted.

15.2 Effective May 8, 2015, the Department, in coordination with the U.S. Department of Transportation, adopted a Race-Neutral Disadvantaged Business Enterprise (DBE) Program for its federal-aid program. The Race-Neutral DBE program applies to federally-funded construction-related professional services solicitations, with the exception of FAA-funded projects located within the boundaries of the Department's Northern Region, which remain under a Race-Conscious DBE program.

The Department encourages contractors to utilize DBEs in all Federal-aid projects to ensure the Department meets its overall DBE Utilization Goal. All DBE participation will count towards the Race-Neutral program. If you have any questions about this notice or the Department's DBE program, please contact the Civil Rights Office at (907) 269-0851 or refer to their website http://www.dot.alaska.gov/cvlrts/index.shtml

15.3 The Department intends to send notices (including Notice of Intent to Negotiate, and Notice of Intent to Award) to Offerors by using the email address provided the Offeror's submitted Part D. Such delivery of an email sent by the Department is complete upon receipt in the addressee's email account. An email sent after 4:30pm shall be deemed to have occurred at the opening of business on the next working day. By submitting a response to this RFP, all Offerors consent to the use of Electronic Mail as described herein.

15.4 Interested parties are reminded that the Agency point of contact is noted on page 1 of this section, and all questions and requests for information shall be directed to this individual.

15.5 In light of the current health situation, the Department will accept an electronic (email) submission of proposals for this solicitation. Proposals should be submitted to crdotpfcontracts@alaska.gov prior to the date and time shown on page 1. Offerors are responsible to assure timely delivery, and receipt of their proposal. Offerors are cautioned that due to mailbox restrictions, we cannot receive proposals over 20MB in size. The Contracting Agency will either print out proposals in color for distribution, or email a PDF to the Evaluation Committee.

15.6 To streamline and expedite contract negotiations with the selected Contractor, negotiations are anticipated to be completed within 7-10 days. All Offerors affirm their understanding of the negotiation timeline for this agreement.

15. Special Notices (cont'd):

15.8 The following additional information prepared by HDL Engineering Consultants, LLC is available to assist interested Offerors with their proposals, and can be downloaded from the RFP website:

a) Parks Hwy MP 57-72 PP SCD.dwg
b) Parks Hwy MP 57-72 PP Topo.dwg

PART

B

SUBMITTAL CHECKLIST

Offeror may use left margin to check off items when completed.

An Alaska Business License is required of Contractors who do business in Alaska at time of award (AS 36.30.210(e)).

[ ] 1. Offerors must carefully review this RFP Package for defects and questionable material, and become familiar with submittal requirements. Submit written comments to the address shown under "Submittal Deadline and Location" on page 1 of Part A - RFP. Substantive issues will be addressed in a written addendum to all RFP recipients on record. Failure to comply with directions may result in lower score and may eliminate a submittal from consideration. Protests based on alleged improprieties or ambiguities in a solicitation may be disallowed at the discretion of the Contracting Agency if the protest is not received in writing at least ten (10) Agency work days prior to the Submittal Deadline (AS 36.30.565).

[ ] 2. Review Part A - RFP and the proposed Statement of Services and any other attached or referenced materials. If no Statement of Services is attached, telephone the Agency contact person identified on page 1 of Part A.

[ ] 3. Review Part C - Evaluation Criteria. Read each criterion in light of the proposed Statement of Services. Note any project specific criteria which may have been added or any changes to standard criteria descriptions which may have been made. Be aware of the assigned weight for each criterion. If a weight is not entered for any criterion on Part C, notify the Agency contact person. Plan your proposal to address the applicable criteria. Criteria Responses shall not exceed the number of pages stated below. **Note:** If weight is applied to Criterion #11, Alaska Bidder (Offeror) Preference, that box must be checked on page 1 of Part D, rfp-d.

[ ] 4. Prepare a distinct Response for each criterion that has a weight more than zero. Failure to respond directly to any criteria weighted more than zero will result in an evaluation score of zero for that criteria. Any Responses to criteria weighted zero will be disregarded. Acceptable Responses must be specific and directly related to the Contracting Agency's proposed Statement of Services. Marketing brochures, federal SF330s, marketing resumes, and other non-project specific materials will be discarded without evaluation and should not be submitted.

[ ] 5. ***Each criterion Response must be titled, numbered and assembled in the order in which the criteria are listed in Part C***, so the criterion to which information applies shall be plainly evident. Material not so identified or assembled may be discarded without evaluation.

[ ] 6. Price ☐ is ☒ is not an evaluation criterion for the proposed contract.

If Price is a Criterion, prepare ***Billing Rates and/or Price Proposals*** as described in Criteria #12 and/or #13.

[ ] 7. Complete all entries on Part D - Proposal Form. Note the statutory requirements for Alaska business licenses and professional registrations, and be sure to sign and date the Certification. Copies of licenses and registrations may be provided with submittal, and will not count in the requirements of #8 below.

[ ] 8. Attach Criteria Responses (***except any Billing Rates or Price Proposals***) to Part D - Proposal Form. The maximum number of attached pages (***each printed side equals one page***) for Criteria Responses shall not exceed: **Ten (10) which includes the schedule submitted in response to Criterion #8**. Attached page limit does not include the four-page Part D - Proposal Form, or any Billing Rates or Price Proposals.

Criteria Responses shall be presented in ***8-1/2" X 11" format***, except for a minimal number of larger sheets (e.g., 11" x 17") that may be used (e.g., for schedules) if they are folded to 8-1/2" X 11" size. Large sheets will count as multiple pages at 93.5 square inches or fraction thereof per page, unless otherwise noted.

CAUTION: Criteria Responses which do not comply with the required page limit or presentation size, may result in disqualification. Further, small print or typeface that is difficult to read may negatively influence evaluation of your submittal and affect scoring for "Quality of Proposal."

CHECKLIST IS CONTINUED NEXT PAGE

[ ] 9. N/A

[ ] 10. Parts A, B and C of Form 25A270 and the proposed Statement of Services shall not be returned to the Contracting Agency. ***Submittals shall consist of the following applicable items assembled as follows and in the order listed:***

[ ] 10.1 Completed Part D - Proposal Form (generally at least one copy with original signature) and Responses to all evaluation criteria -- ***except Billing Rates, Price Proposals*** – attached. Each copy shall be fastened with one staple in the upper left corner. No other form of binding shall be used and no cover and no transmittal letter will be included. **CAUTION**: Failure to comply with this instruction will negatively influence evaluation of Submittal.

[ ] 10.2 Number of copies of Part D (***all pages***) and Criteria Responses (***except Billing Rates, and Price Proposals***) required is: **Six (6), if hand – delivered.**

[ ] 10.3 If ***Billing Rates and/or Price Proposals*** are required, ***one copy*** bound with one staple in the upper left corner separately enclosed in a sealed envelope marked on the outside to identify it as a ***Billing Rates or Price Proposal*** and the names of the Project and Offeror. Each ***Billing Rates or Price Proposal*** must be signed and dated by the person who prepares it (may be different signatures for each Subcontractor).

[ ] 10.4 If Item 9, above, is completed for this RFP Package, any submittal items described therein. Unless otherwise stated, one copy only, bound appropriately.

[ ] 10.5 Pre-Audit Statement, DOT&PF Form 25A257, shall ***not*** be provided with Submittal. (See Notice #10 on page 3 of Part A - RFP.)

[ ] 10.6 **CAUTION:** If you replicate (other than by photocopy) Part D or any form in lieu of completing the forms provided by the Contracting Agency, provide a signed certification that lists such forms and attests that they are exact replicas of that issued by the Contracting Agency. Changed forms may result in rejection at the Contracting Agency's discretion. Any alteration – other than completion of the required entries – may be cause for rejection without recourse.

[ ] 11. Deliver ***submittals in one sealed package*** to the location and before the submittal deadline cited in Part A - RFP. ***Mark the outside of the package*** to identify the Project and the Offeror. Proposals must be received prior to the specified date and time. Late proposals will not be opened (2 AAC 12.250).

PART

C

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: 10

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: 15

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. Surveying*
4. ROW Mapping*,**

*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.

**NOTE – Do identify staff for ROW Mapping, which is not anticipated in the initial contract, but may be added by Contract amendment.

Continued Next Page

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 that 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 three professional references (contact persons and telephone numbers) for each person.

5. Workload and Resources

5. Weight: 25

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 current contracts statewide with regions, divisions, etc.).

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: 10

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 each project, a brief narrative of the successes of the project, and the year of completion. 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.

8. Project Schedule	8. Weight: 10

Offerors are encouraged to propose a project schedule that meets or exceeds the tentative schedule shown below, such as incorporating workflows that overlap to accelerate delivery.

- September 25, 2020: NTP issued
- 8 weeks from NTP: Fieldwork complete
- 10 weeks from NTP: Draft deliverables
- December 1, 2020: Final deliverables

Using a narrative and /or scheduling graphic, demonstrate your plan to deliver acceptable work products as efficiently as possible. Distinguish between activities that are within your control and those that may be strongly influenced by others. Include agency comment periods.

The schedule may be on one 11x17 sheet, which ***will*** be counted as one page toward the proposal page limits. **The negotiated agreement with the selected Offeror will include provisions obligating it to performance in accordance with its proposed schedule. If the schedule is found to be unrealistic, the Contracting Agency may terminate negotiations and enter into negotiations with the next ranked firm.**

9. N/A	9. Weight: 0

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.

PART

C

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.

1.	Contract Management	(Estimated at	% of total labor effort)
2.	Project Management	(Estimated at	% of total labor effort)
3.		(Estimated at	% of total labor effort)
4.		(Estimated at	% of total labor effort)
5.		(Estimated at	% of total labor effort)

*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.

PART

C

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.***

Job Classification	Name	Total Hours	Rate($/hr)	Proposed Costs ($)

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.***

Item	Quantity	Cost ($/Unit)	Proposed Costs ($)

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: $\frac{\text{(Lowest Total Proposed Price)} \times \text{(MPP*)}}{\text{(Offeror's Total Proposed Price)}}$ = *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.

Alaska Department of Transportation & Public Facilities
PROPOSAL FORM

PART **D**

THIS FORM MUST BE THE FIRST PAGE OF PROPOSAL. Attach criteria responses as explained in Part B - Submittal Checklist. No transmittal letter or cover sheet will be used.

PROJECT

Project Numbers-State/Federal ..... : CFHWY00076 / 0A41035
Project Title ..... : Parks Hwy: Houston to Wasilla Survey and Mapping Services
RFP No. ..... : 25212002

OFFEROR (CONTRACTOR)

Contractor ..... :

Street ..... :
P.O. Box ..... :
City, State, Zip ..... :
Alaska Business License Number ..... :
Federal Tax Identification No. ..... :
DOT&PF DBE Certification No. (if any) ..... :
Individual(s) to sign contract ..... :
Title(s) ..... :
Type of business enterprise (check one) ..... : [ ] Corporation in the state of.. :
[ ] Individual [ ] Partnership [ ] Other(specify) ..... :

ALASKA STATUTORY PREFERENCES (IF NO FEDERAL FUNDING)

Check the applicable preferences that you claim for the proposed contract (reference Criteria 11, 12 & 13 in Part C):
[ ] Alaska Bidder (Offeror) **AND>>** [ ] Veterans **AND>>** [ ]Employment Program or [ ] Disabled Persons

PROPOSED SUBCONTRACTOR(S)

Service, Equipment, etc.	Subcontractor & Office Location	AK Business License No.	DOT&PF DBE Certification No.

CERTIFICATIONS

I certify: that I am a duly authorized representative of the Contractor; that this Submittal accurately represents capabilities of the Contractor and Subcontractors identified herein for providing the services indicated; and that the requirements of the Certifications on page 2 and 3 of this Part D for 1) Alaska Licenses/Registrations, 2) Insurance, 3) Federal-Aid Contracts exceeding $100,000, 4) Cost and Pricing Data, 5) Trade Restrictions/Suspension/Debarment, 6) Foreign Contracting, 7) DBE Commitment, and 8) Former Public Officer – will be complied with in full. These Certifications are material representations of fact upon which reliance will be placed if the proposed contract is awarded. Failure to comply with these Certifications is a fraudulent act. The Contracting Agency is hereby authorized to request any entity identified in this proposal to furnish information deemed necessary to verify the reputation and capabilities of the Contractor and Subcontractors. This proposal is valid for at least ninety days.

Signature ..... : _____
Name ..... : Date:
Title ..... : Telephone (voice):
(fax):
Email Address:

PART

D

CERTIFICATION FOR ALASKA BUSINESS LICENSES AND REGISTRATIONS

Contractor and all Subcontractors shall comply with the following applicable requirements of Alaska Statutes:

1. **Alaska Business License** (Form 08-070 issued under AS 43.70) at the time contract is awarded as required by AS 36.30.210(e) for Contractor and all Subcontractors. In accordance with Administrative Manual, Section 81.120, proof of application for an Alaska Business license will satisfy this requirement. Per AAM 81.120, acceptable evidence that the offeror possesses a valid Alaska business license consists of any one of the following:
   a. Copy of the Alaska business license.
   b. A canceled check that demonstrates payment for the Alaska business license fee.
   c. A copy of the Alaska business license application with a receipt stamp from the State's business license office.
   d. A sworn notarized affidavit that the bidder/offeror applied and paid for the Alaska business license.
   e. Other forms of evidence acceptable to the Department of Law.

2. **Certificate of Registration** for each individual to be in "responsible charge" (AS 08.48.341(11-14)) for Architecture, Engineering, Land Surveying, or Landscape Architecture (Form 08-2407 issued under AS 08.48.211) issued prior to submittal of proposal. Associates, consultants, or specialists under the supervision of a registered individual in "responsible charge" are exempt from registration requirements (AS 08.48.331).

3. **Certificate of Authorization for Corporations, Limited Liability Companies, and Limited Liability Partnerships** for Contractors and Subcontractors for Architecture, Engineering, Land Surveying, or Landscape Architecture (Form 08-2407 issued under AS 08.48.241). Entities offering to provide Architectural, Engineering or Land Surveying services do not need to be registered for such disciplines at the time proposal is submitted provided they obtain registration prior to contract award (AS 08.48.241).

4. **Certificate of Incorporation** (Alaska firms) or **Certificate of Authorization for Foreign Firm** ("Out-of-State" firms). All corporations, regardless of type of services provided, must have one of the certificates (AS 10.06.218 and other sections of Title 10.06 - Alaska Corporations Code).

5. **Current Board of Director's Resolution** for incorporated Contractors and incorporated Subcontractors for Architecture, Engineering, Land Surveying or Landscape Architecture (reference AS 08.48.241) that names the person(s) designated in "responsible charge" for each discipline. Such persons shall be licensed in Alaska and shall participate as project staff in the Contract/Subcontracts.

6. **All partners** in a Partnership to provide Architectural, Engineering, Land Surveying, or Landscape Architecture **must be legally registered in Alaska** prior to submittal of proposal for at least one of those disciplines (AS 08.48.251) which the Partnership offers.

7. **Joint Ventures**, regardless of type of services provided, must be licensed/registered in the legal name of the Joint Venture as used in this proposal (AS 43.70.020 and 43.70.110(4)).

8. **Contracts for Architecture, Engineering, Land Surveying, or Landscape Architecture** may not be awarded to individuals, corporations or partnerships not in compliance, respectively, with the provisions of paragraph 2, 3, and 6, above (AS 36.90.100).

For information about licensing, Offerors may contact the Alaska Department of Commerce, Community, and Economic Development, Division of Corporations, Business and Professional Licensing at P.O. Box 110806, Juneau, AK 99811-0806, or at Telephone (907) 465-2550, or at Internet address: https://www.commerce.alaska.gov/web/cbpl

CERTIFICATION FOR INSURANCE

Contractor will ensure that it and all Subcontractors have insurance coverage to effectuate the requirements of DOT&PF Form 25A269, Indemnification and Insurance.

CERTIFICATION FOR FEDERAL-AID CONTRACTS EXCEEDING $100,000

The individual signing this proposal certifies to the best of his or her knowledge and belief, that:

(1) No federal appropriated funds have been paid, by or on behalf of the Contractor, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the Contractor shall complete and submit Standard Form-LLL, Disclosure of Lobbying Activities, in accordance with its instructions. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such failure.

This certification is a material representation of fact upon which reliance will be placed if the proposed contract is awarded. Submission of this certification is a prerequisite for making or entering into the proposed contract imposed by Section 1352, Title 31, U.S. Code. The Contractor also agrees by submitting this proposal that Contractor shall require that the language of this certification be included in all lower tier subcontracts which exceed $100,000 and that all such Subcontractors shall certify and disclose accordingly.

CERTIFICATION – COST AND PRICING DATA

In accordance with AS 36.30.400, any cost and pricing data submitted herewith, or in any future price proposals for the proposed contract, will be accurate, complete and current as of the date submitted and will continue to be accurate and complete during the performance of the contract, if awarded.

The Contractor certifies that all costs submitted in a current or future price proposal are allowable In accordance with the cost principles of the Federal Acquisition Regulations of Title 48, Code of Federal Regulations (CFR), Part 31 and that the price proposal does not include any costs which are expressly unallowable under the cost principles of the FAR of 48 CFR 31. In addition, all known material transactions or events that have occurred affecting the firm's ownership, organization and indirect costs rates have been disclosed.

CERTIFICATION – TRADE RESTRICTIONS AND SUSPENSION AND DEBARMENT

The individual signing this proposal certifies to the best of his or her knowledge that the Contractor and any subcontractors are in compliance with DOT&PF 25A262 Appendix A, General Conditions, Article A25 and Article A26.

CERTIFICATION - FOREIGN CONTRACTING

By signature on this solicitation, the offeror certifies that all services provided under this contract by the contractor and all subcontractors shall be performed in the United States. If the offeror cannot certify that all work is being performed in the United States, the offeror must contact the Contracts Officer to request a waiver at least 10 days prior to proposal deadline. The offeror must provide with their submission a detailed description of the portion of work being performed outside the United States, where, by whom, and the reason the waiver is necessary. Failure to comply with this requirement may cause the state to reject the bid or proposal as non-responsive, or cancel the contract.

CERTIFICATION – DBE COMMITMENT

For federal-aid projects with DBE goals: if the Contractor submits a utilization report that proposes to use certified DBE's in the performance of work, the Contractor certifies that every effort will be made to meet or exceed the proposed percentage.

In addition, the Contractor certifies that a Consultant Registration form shall be submitted to the DBE/Civil Rights Office for their firm and each subconsultant prior to award.

CERTIFICATION – FORMER PUBLIC OFFICER

Any proposer listing as a member of the proposer's team a current public officer or a former public officer who has left state service within the past two years must submit a sworn statement from that individual that the Alaska Executive Branch Ethics Act does not prohibit his or her participation in this project. If a proposer fails to submit a required statement, the proposal may be deemed nonresponsive or nonresponsible, and rejected, depending upon the materiality of the individual's proposed position.

The Ethics Act bars a public officer who leaves State service from representing, advising or assisting a person for compensation regarding a matter –

that was under consideration by the administrative unit in which the officer served, <u>and</u> in which the officer participated personally and substantially through the exercise of official action,

<u>for two years after leaving state service</u>. See AS 39.52.180(a). "Public officer" includes a state employee, a member of a state board and commission, and a trustee of the Exxon Valdez Oil Spill Trust. "Official action" means a recommendation, decision, approval, disapproval, vote, or other similar action or inaction. Possible remedies for violating the bar include penalties against the former public officer and voiding the state grant, contract or lease in which the former public officer is involved.

Additionally, former public officers may not disclose or use information acquired in the course of their official duties that could in any way result in a benefit to the former public officers or their families, if the information has not been disseminated to the public or is confidential by law, without appropriate authorization. *See* AS 39.52.140.

Each current or former public officer is responsible for determining whether he or she may serve in the listed capacity on this project without violating the Ethics Act. A form that a former public officer may use to certify their eligibility is attached. Current public officers may seek advice from their designated ethics supervisors concerning the scope and application of the Ethics Act. Former public officers may, in writing, request advice from the Office of the Attorney General, Ethics Attorney concerning the application of the Ethics Act to their participation in this project. It is the responsibility of the individual and the proposer to seek resolution in a timely manner of any question concerning the individual's eligibility.

Former Employee's Certification of Eligibility
Under the Alaska Executive Branch Ethics Act
(AS 39.52.140, AS 39.52.180)

I am a former employee of the State of Alaska and left state service within the last two years. My last position with the state was [*job title*] with the [*name of state agency and administrative unit*]. I propose to work on [*describe state contract or other matter*] on behalf of [*name of current employer*]. This work will not involve any matter (a) that was under consideration by the state administrative unit that I served, and (b) in which I participated personally and substantially during my state service through the exercise of official action ("official action" means a recommendation, decision, approval, disapproval, vote, or other similar action or inaction). I am therefore eligible to participate in this [*contract or matter*] under the Alaska Executive Branch Ethics Act. I also understand that as a former public officer I may not disclose or use information acquired in the course of my official duties that could in any way result in a benefit to me or my family, if the information has not been disseminated to the public, or that is confidential by law, without appropriate authorization.

I certify under penalty of perjury that the foregoing is true.

Dated: _____, 20__, at _____, Alaska.

_____
[*name of former state employee*]

STATE OF ALASKA)
) ss.
_____ JUDICIAL DISTRICT)

On this _____ day of _____, 20__, [*name of former state employee*], whom I know to be the individual described in and who executed this certification, personally appeared before me and acknowledged that [s]he signed the certification as [her or his] free and voluntary act.

IN WITNESS WHEREOF, I have placed my signature and affixed my official seal.

_____
Notary Public in and for Alaska
My commission expires: _____

If no notary or other official (judge, magistrate, U.S. postmaster or municipal clerk) is available, omit the notary certificate and include the following statement in the text: A notary or other official empowered to administer oaths is unavailable.

PRE-AUDIT STATEMENT

(Confidential when completed)

Submit this form, completed and with required attachments, ***only*** if specifically requested, and ***only*** to the following address: DOT&PF, Attn: Office of Internal Review, PO Box 196900, Anchorage, AK 99519-6900 OR to fax number: (907) 269-0733. Confidentiality may not be ensured if delivered otherwise.

Evaluation of this statement may preclude the necessity for a comprehensive on-site audit of Contractor's records. Entries may be handwritten, if legible.

1. Identify your financial year including beginning and ending dates.....:

2. List your actual costs, by the following categories, for your most recently ended fiscal year. Cost Terminology is defined on the reverse.

   2a. Direct Labor..... $

   2b. Attach a Trial Balance with grouping of accounts used to arrive at the following Indirect Cost amounts:
   Fringe Benefits .....$
   General & Administrative Expenses.....$

   Sum..... $

   2c. Indirect Cost Rate (Sum of 2b / 2a)..... Percent (%):

3. If your records have been audited within the last two years by a government agency, attach a copy of the Audit Report.

4. Attach copies of your most recent Internal and Audited (if performed by other than the Contracting Agency) Financial Statements.

5. Are your accounting methods for recording contract costs based on a job or project identified cost system?
   [ ] Yes [ ] No If your response is "No", attach an explanation of your project cost accounting system.

6. If you charge projects based on unit rates (e.g.: for computer time, laboratory tests, copies or equipment use, etc.) attach a list of such items and unit rates.

7. Do you offset revenue received from unit rate payments against the applicable Indirect Cost Accounts?
   [ ] Yes [ ] No

If you have questions concerning this document, please telephone our Auditors at (907) 269-0715.

CERTIFICATION

I certify that I am a duly authorized representative of the Contractor and that information and materials enclosed within this statement accurately represent financial records of the office listed below.

Signature: _____ Date: _____
Name: Telephone:
Title: Fax:
Contractor: Email:

Office Address for which this Submittal is made:

Street:
P.O. Box:
City, State, Zip:

Address where Accounting Records are maintained, if not at Office Address:

:
:
:

COST TERMINOLOGY

DIRECT LABOR - Base salary or wages paid to employees charged directly to contracts or projects.

OTHER DIRECT COSTS - Actual costs of other than Direct Labor. Some examples of Other Direct Costs are subcontracts, equipment (company owned or rented), unit rate items and reimbursable expenses (travel, computer charges, reproduction, etc.).

INDIRECT COST RATE – A computed rate developed by adding all of a firm's general and administrative costs, and all other indirect costs, then dividing by a base value, usually direct labor dollars to get a percentage. This rate is normally compiled based on the consultant's applicable fiscal year.

INDIRECT COSTS - Indirect costs consist of allowable expenses which, because of their incurrence for common or joint cost objectives, must be prorated (allocated) to jobs or contracts using a specified Indirect Cost Rate. A cost objective is a function, organizational subdivision, contract, project or work unit for which cost data is accumulated under the Contractor's accounting system. Generally, Indirect Costs are segregated into the following categories: Fringe Benefits and General & Administrative Expenses .

Fringe Benefits - Costs for items such as:

Workers' Compensation Insurance
Deferred Compensation/Retirement Plans
Vacation Time and Authorized Leave
Social Security and Unemployment Taxes
Group Medical Plan and Life Insurance Premiums

Overhead costs for items such as the following, if they are not included in Direct Costs:

Indirect Labor (Supervisory, Administrative, etc.)
Travel, Food and Lodging
Maintenance and Depreciation of Equipment/Computers
Business Insurance Premiums Not Billed to Clients
Rent, Heat, Power, Light and Janitorial Services
Office Supplies
Communications
Reproduction Costs
Recruiting Expense
Rentals of Equipment/Computers

UN-ALLOWABLE COSTS - Costs for the following items and certain other costs defined in 48 CFR Part 31 and related regulations are not allowable. Such costs shall not be included as Indirect Costs or in the calculation of the Indirect Cost Rate.

Alcoholic Beverages
Advertising
Interest and Other Financial Costs
Contributions and Donations
Federal Income Taxes
Goodwill
Organization Costs
Lobbying Costs
Bad Debts
Fines and Penalties
Entertainment
Keyman Insurance

NOTE: IF YOUR ACCOUNTING SYSTEM WHOLLY OR PARTIALLY ALLOCATES INDIRECT COSTS ON OTHER THAN A DIRECT LABOR BASIS, ATTACH A DESCRIPTION OF THE COST POOLS OR SERVICE CENTERS YOU USE AND IDENTIFY THE INDIRECT COSTS RATE(S) AND BASE(S).

INDEMNIFICATION AND INSURANCE
Appendix D in Professional Services Agreements

IRIS Program No:	CFHWY00076
Federal Project No:	0A41035
Date Prepared:	7/14/2020

CONTRACTOR shall include the provisions of this form in all subcontracts that exceed $25,000 and shall ensure Subcontractor's compliance with such provisions.

ARTICLE D1
INDEMNIFICATION

D1.1 The CONTRACTOR shall indemnify, hold harmless, and defend the CONTRACTING AGENCY from and against any claim of, or liability for negligent acts, errors or omissions of the CONTRACTOR under this Agreement. The CONTRACTOR shall not be required to indemnify the CONTRACTING AGENCY for a claim of, or liability for, the independent negligence of the CONTRACTING AGENCY. If there is a claim of, or liability for, the joint negligent error or omission of the CONTRACTOR and the independent negligence of the CONTRACTING AGENCY, the indemnification and hold harmless obligation shall be apportioned on a comparative fault basis. "CONTRACTOR" and "CONTRACTING AGENCY", as used within this article, include the employees, agents and other contractors who are directly responsible, respectively, to each. The term "Independent Negligence" is negligence other than in the CONTRACTING AGENCY's selection, administration, monitoring, or controlling of the CONTRACTOR and in approving or accepting the CONTRACTOR's Work.

D1.2 The CONTRACTOR shall exercise that degree of skill, care and judgment commensurate with the professional standards for the services of a similar nature. When such standards are in dispute, they shall be established by a panel of three qualified, impartial professionals objectively selected and appointed by the Appeals Officer.

D1.3 The CONTRACTOR shall correct, through re-performance at its expense, any services which are deficient or defective because of the CONTRACTOR's failure to perform said services in accordance with professional standards, provided the CONTRACTING AGENCY has notified the CONTRACTOR in writing within a reasonable time, not to exceed 60 days, of the discovery of any such deficiency during the performance of the services and within 12 months of the date of final payment under this Agreement.

ARTICLE D2
INSURANCE

D2.1 Without limiting the CONTRACTOR's indemnification, it is agreed that CONTRACTOR shall purchase at its own expense and maintain in force at all times for the duration of this Agreement, plus one year following the date of final payment, the following policies of insurance. Where specific limits are shown, it is understood that they shall be the minimum acceptable limits. If the CONTRACTOR's policy contains higher limits, the CONTRACTING AGENCY shall be entitled to coverage to the extent of such higher limits. Certificates of insurance must be furnished to the CONTRACTING AGENCY and incorporated into this Agreement with copies attached to this document. Certificates must provide for the CONTRACTING AGENCY to receive notice of any policy cancellation or reduction per AS 21.36 Sections 210-310. Failure to furnish certificates of insurance or lapse of the policy is a material breach and grounds for termination of the CONTRACTOR's services and may preclude other Agreements between the CONTRACTOR and the CONTRACTING AGENCY.

D2.1.1 Worker's Compensation Insurance: The CONTRACTOR shall provide and maintain, for all employees engaged in work under this Agreement, coverage as required by AS 23.30.045, and; where applicable, any other statutory obligations including but not limited to Federal USL&H and Jones Act requirements. The policy(s) must waive subrogation against the State of Alaska.

D2.1.2 Commercial General Liability Insurance: Such policy shall have ***minimum*** coverage limits of $300,000 combined single limit per occurrence, covering all business premises and operations used by the Contractor in the performance of services under this agreement. The policy shall be written on an "occurrence" form and shall not be written as a "claims-made" form unless specifically reviewed and agreed to by the CONTRACTING AGENCY.

D2.1.3 Comprehensive Automobile Liability Insurance: Such policy shall have ***minimum*** coverage of $300,000 combined single limit per occurrence covering all vehicles used by the Contractor in the performance of services under this agreement.

D2.1.4 Professional Liability (E&O) Insurance: Covering all negligent errors or omissions, and negligent acts, which the CONTRACTOR, Subcontractor or anyone directly or indirectly employed by them, make in the performance of this Agreement which result in financial loss to the State of Alaska. Limits required are per the following schedule:

MINIMUM LIMITS OF E&O INSURANCE

Contract Amount	Combined Single Limit, Per Occurrence & Annual Aggregate
Under $25,000	As Available
$25,000 to $100,000	$300,000
$100,000 to $499,999	$500,000
$500,000 to $999,000	$1,000,000
$1,000,000 and over	Negotiable

D2.1.5 Professional Liability Insurance required for this Agreement is $500,000

ARTICLE D3
MODIFICATION OF INSURANCE REQUIREMENTS

(Article D3 is completed only when some of the standard insurance coverages are not applicable.)

CONTRACTOR RELATED MODIFICATIONS

D3.1 ☐ **Workers Compensation Insurance** is not required because the CONTRACTOR is an Independent Contractor, Sole Proprietor or Self-Employed Person having no employees in any sense of AS 23.30.045.

D3.2 ☐ **Comprehensive or Commercial General Liability Insurance** is not required because the general public and clients do not have any business access to a place of business or home office maintained by the CONTRACTOR.

D3.3 ☐ **Comprehensive Automobile Liability Insurance** is not required because only public transportation, or a rented passenger vehicle with business use insurance, will be used to accomplish requirements of this Agreement.

PROJECT RELATED MODIFICATIONS FOR E&O COVERAGE

When services may apply to fire, life safety or structural aspects and/or wherever the services should safeguard life, limb, health or property, Professional Liability Insurance shall be required.

(E&O Coverage may be waived only if it was specifically not required within the solicitation for proposals.)

D3.4 ☐ **Professional Liability (E&O) Insurance** is not required because: 1) the CONTRACTING AGENCY's use of the services or Work products obtained from the CONTRACTOR will not result in significant exposure to any third party claims for loss or damage; and 2), the CONTRACTOR services will not apply to any construction, alteration, demolition, repair or direct use of any highway, airport, harbor, building or other structure.

D3.5 ☐ **Professional Liability (E&O) Insurance** is not required because this Agreement is for one of the following applicable (*checked*) services for which E&O coverage is not needed:

- ☐ Right-of-Way Fee Appraisals
- ☐ Photogrammetric Mapping Services
- ☐ Architectural/Engineering review of Construction Bid Documents wherein design responsibility clearly remains with the designer of record.

OTHER BASIS FOR MODIFICATIONS

(Requires written concurrence from Division of Risk Management)

D3.6 ☐ Attached Exhibit D-1 identifies and provides justification for insurance modifications.

Above *checked* modifications of the insurance requirements specified in Article D2 are hereby approved:

CONTRACTING OFFICER Signature: _____ Date: _____

Name:

Title:

PROPOSED
STATEMENT OF SERVICES
APPENDIX B
Parks Hwy: Houston to Willow Survey and Mapping Services
CFHWY00076

ARTICLE B1
INDEX

Article	Subject
B1	Index
B2	General Criteria for Surveying and Mapping Services
B3	Surveying and Mapping Services
B3.1	Overview
B3.2	Control Surveys (As Needed)
B3.3	Surveying for Design
B3.4	Surveying for Right of Way (NIC)
B3.5	Right of Way Mapping (NIC)
B3.6	Pre & Post Construction Surveying (NIC)

(NIC) The Department reserve the right to add services by amendment.

ARTICLE B2
GENERAL CRITERIA FOR SURVEYING AND MAPPING SERVICES

B2.1 Standards. The Contractor shall perform the services to standards called for in the Alaska State Professional Land Surveyors (ASPLS) Standards of Practice, the California Geodetic Control Committee (CGCC) Standards for Band IV surveys, U.S. COE Manual EM-1110-1-10000 for Photogrammetric Mapping, or the DOT&PF Construction Surveying Requirements, as appropriate to the services being performed.

All studies, reports and services shall be performed in accordance with applicable codes, regulations and standards; professional practice procedures; and commonly recognized surveying and mapping methods. The contractor shall package the deliverable in an electronic format using folders. The Contractor shall not begin surveying for design, surveying for right-of way, or right-of-way mapping without specific written authorization from the Contracting Agency.

B2.2 Considerations. The Contractor shall consider the geographical location of the project as well as other environmental and site specific constraints when performing services. The Contractor shall procure the necessary right of entry permissions when required, including private property, any Native Allotments, and Alaska Railroad property.

B2.3 Registration. All survey services shall be conducted by, or under, the direct supervision of a Professional Land Surveyor (PLS) holding current registration in the State of Alaska. A PLS shall be an active, on-site field supervisor of the survey crew. A PLS shall also be directly involved in the preparation of all survey deliverables.

B2.4 Field books. The Contractor shall furnish hardbound field books for recording survey information. The books shall become the property of the Contracting Agency after the survey information has been entered and the contract completed. Each book shall be labeled with the project name and an appropriate title, e.g. Horizontal Control, Vertical Control, etc., and shall have an index and comments page. The index page shall reference the contents by page number. A readable PDF copy of the field books is acceptable.

B2.4.1 Field notes shall be kept in a neat and orderly fashion. All pages shall be consecutively numbered, showing date, weather, and crew names. All abbreviations used shall be described on the comments page. Sketches are to be used frequently and shall be detailed enough to assist in following the progression of the services. Notes and sketches shall be adequately detailed to convey their intent to a person who is not familiar with the project. Descriptions of all

monuments or other points, recovered or set, are to include the data stamped on the monument and the condition of the monument.

B2.5 Units. U.S. Customary System of Measurement (foot units) shall be used throughout development of the project. Any metric conversions required shall be based upon the U.S. Survey Foot (3937 feet = 1200 meters exact).

B2.6 Drawings, Plats, and Maps shall be prepared in electronic format as specified by the Contracting Agency.

B2.6.1 Unless otherwise stated, the format and standards for all drawings will be according to the most current DOT/PF Central Region Design Drafting Manual. These standards are available upon request. The plotted scale shall be as specified by the Contracting Agency.

B2.6.2 Drawings shall be produced and provided in English (U.S. Survey foot units) format. Distances will be shown in horizontal ground foot units. Areas shall be annotated with "Ac." for acres, and "sq. ft." for square feet. Metric units shall not be shown on drawings developed for design work, unless requested to do so by the Contracting Agency.

B2.6.3 All linework and lettering must be of professional quality and all line widths and lettering sizes must be of such size that all information can be clearly shown without overlap or confusion. All lettering must be a minimum size of 0.1 inch at a full-scale plot. Lettering and linework must be in the appropriate black drafting ink. AutoCAD style names and fonts shall follow the Contracting Agency's specified standards. See the current Design Drafting Manual (B2.6.1)

B2.6.4 Linework shall not run through text. Do not break lines at text; mask the linework using color 155 solids. Solids shall be placed on the same layer as the text that the solid lies under.

B2.6.5 Drawings are to be accurate models of the data shown, e.g.; a line labeled N 10°00'00" E 104.35' shall be electronically drawn exactly as labeled, a line that is shown to terminate at a monument symbol shall be electronically drawn with no distance between the endpoint of the line and the center of the symbol, etc.

B2.6.6 All CAD work within Model Space shall be color by layer. The drawing shall include metadata, to include: control statements, drawing notes, and any other survey related info shown as text within Model space. The drawing shall be purged before submitting. Zoom to extents and remove any extraneous features. Check to ensure that all symbols are the same scale, which should be the plotted scale of the drawing. A standard DOT&PF north arrow, a legend depicting only the symbols and linework used on that sheet, a foot unit bar scale, and standard DOT&PF border will be included on each sheet within the drawing. Do not include any extraneous backup files.

B2.6.7 Final Plans, Maps, and Plats shall be submitted electronically and with solid black ink on 22" x 34" original mylar. All final drawings shall be plotted so that the ink is on the front surface of the mylar. Topographic drawings are not required to be plotted.

B2.6.8 Drawings not meeting these standards will be rejected. All drawing files shall be submitted electronically to the AK DOT&PF Survey Manager upon completion for review. The contractor shall perform their own internal review of these products before delivery, to see that Department standards have been followed.

B2.7 TINs shall be an Autodesk Civil3D Surface or 3D lines with an accompanying LandXML file. Include the TIN boundary as a closed polyline at elevation zero, and the fault lines as 3D polylines. All TINs produced shall be checked by ground based survey methods and by field inspection of contours generated by the TIN.

B2.7.1 A TIN certificate shall be submitted, signed, and sealed by the responsible PLS and shall contain the following: 1) the methods used to gather data for production of the TIN(s), 2) the accuracy of the TIN(s), and 3) the checks used to substantiate the accuracy of the TIN(s). All ground based TIN(s) shall be field checked before final submittal, and this shall be stated on the TIN certificate. All TIN(s) shall be checked by a PLS using withheld Topographic points randomly collected throughout the TIN(s) area. A minimum of 50 points shall be collected. Provide a spreadsheet showing the elevation differences from the TIN(s). A sample certification of TIN is available from the Contracting Agency's Survey Section.

B2.8 Coordinate Files shall be comma-delimited ASCII text files. Data shall be in the sequence Point Number, N, E, Z, and Description. Coordinates shall be given to four decimals for the Northings and Eastings, and two decimals for elevations. Points of unknown elevation shall have a placeholder of -9999 in the Z position. Descriptors are to be case

sensitive, e.g.: Rebar5 shall not equal REBAR5. Descriptors for found or set monuments shall follow examples provided by the Contracting Agency.

B2.8.1 Point Numbering Scheme. The following point numbering scheme shall be used:

Range	Use
1-200	Primary Control Set (main project, line-of-sight traverses)
201-300	Primary GNSS Control
301-400	Aerial Control Panels or Naturals (HV's)
401-550	Secondary Control Points (Spikes/Nails)
551-600	Recovered Published Hz. Control (NGS, NOS, etc.)
601-700	Set or Recovered Vertical Control
701-2000	Fnd Mons/Prop Cors
2,001-5,000	Computed/Protracted Points, Search, Pre/Post Stakeout
5,001-20,000+	Topography Survey Points

The Surveyor shall ensure that point numbers used in this task do not conflict with point numbers used in other survey tasks on this project.

B2.9 Electronic Data (drawing files, coordinate files, reports, etc.) shall be submitted on appropriate size and type of digital media.

B2.10 Quality Control shall be performed by the Contractor prior to all submittals. Three dimensional backsight checks shall be recorded at the beginning and end of all instrument setups. Three dimensional coordinate checks shall be recorded at the beginning and end of an RTK GNSS work session. These checks shall become part of the submittal, labeled as "Quality Control Checks" within the Control Summary deliverable. The Contracting Agency will **reject** submittals that do not substantially conform to the requirements of this statement of services.

B2.11 Reviews. Draft documents required under this agreement shall be submitted to the Contracting Agency Survey Manager for review. The Contractor shall allow three weeks for the return of written comments. The Contractor shall address and respond to these comments to the satisfaction of the Contracting Agency prior to submitting the final documents.

B2.12 Submittal Delivery. Deliverables shall be submitted to the Contracting Agency in accordance with the negotiated schedule.

ARTICLE B3
SURVEYING AND MAPPING SERVICES

B3.1 OVERVIEW

B3.1.1 General. The Contractor shall research all information applicable to the requirements of the assigned project and perform all necessary field and office services necessary to collect geospatial data and to reduce the collected data to a form useful for the Contracting Agency's project.

B3.1.2 Survey Limits and Scope. The project, Parks Hwy MP 57-72, spans from the Little Susitna Bridge to the Willow Creek Bridge. The Contractor shall provide Design surveying, and potentially limited Control, ROW Surveying & Mapping, and Pre & Post Construction Surveying as necessary to complete this project, **Exhibit A**. A previous effort had completed Control, **Exhibit B** and Design Surveying, **Exhibit C**. Project ROW is provided in **Exhibits D & E**.

B3.1.3 Survey Services shall be performed in the following sequence unless otherwise directed by the Contracting Agency:

A. Research
B. Pre-Work Meeting with ADOT&PF
C. Control Survey
D. Aerial Photography/Photogrammetry (NIC)
E. Topographic/Planimetric Survey
F. Bridge Site(s)/Drainage Survey (as needed)
G. Special Features
H. Right-of-Way Survey (NIC)
I. Right-of-Way Mapping (NIC)
J. Preconstruction Surveying (NIC)
K. Post Construction Surveying (NIC)
L. Right of Way Engineering Closeout Services (NIC)

B3.2 Control Surveys

B3.2.1 General. Control surveys include establishing horizontal and vertical control points as directed by the Contracting Agency. The Contractor shall prepare a Survey Control Diagram (SCD) showing the results of the control survey. The SCD will be a recorded document, and as such, will need to meet certain criteria. All points used or tied as a part of these control surveys shall be included in the project coordinate file and shown on the SCD. SCD guidelines are available from the DOT&PF Survey Section. Prior to performing field surveys for the project, the Contractor shall meet with the Contracting Agency's Survey Manager, or their designee, to get existing Department control data and to discuss the control requirements for the project.

B3.2.1.1 Basis of Horizontal Control. When the primary control is provided by the Contracting Agency, it shall be held as the basis of control for the project. Contact the Contracting Agency if the provided control is found to be disturbed or out of tolerance. Any auxiliary control points necessary to augment this control shall be incidental to the task for which it is required. When the primary control is to be performed by the Contractor, the basis of control shall be as directed by the Contracting Agency's Survey Section. The local project coordinate system to be used shall be based upon transformation parameters supplied by the Contracting Agency.

B3.2.1.2 Horizontal Control Standards. All horizontal control survey measurements and references shall be recorded in field books. Electronic data collection can be used to record control data, but is not acceptable as the sole data source for survey measurements. Distances shall be measured and recorded in both feet (nearest 0.01 foot) and meters (nearest 0.001 meter) as a check. Recorded angle sets, at a minimum, will contain 2 direct and 2 reverse measurements of the forward angle right. When the difference between a direct and reverse pointing of an angle pair exceeds six seconds (ten seconds for distances of 150 feet or less), then that angle pair shall be rejected and remeasured. The mean angle right shall be used for all computations. All foresights and backsights shall be of the fixed leg type. Secondary control points may be side-tied in the same manner. Secondary control points shall be, at minimum, a mag-nail in paved areas or a 6-inch spike in unpaved areas.

All traverses performed shall meet or exceed the standards for Third Order Class I, Traverse Surveys as specified in the ASPLS Standards of Practice. All traverses shall be closed; beginning and ending at known points with an allowable linear error of closure of 1:10,000 or better. In no case shall ground traverses run greater than 2 miles between GNSS controlled points. Static GNSS work shall meet current CGCC Standards for Band IV Surveys. Traverse and GNSS network adjustments shall be by simultaneous least squares adjustment methods.

All cadastral, property, or right of way corners controlled with GNSS shall be done using Static GNSS survey methods. These corners are to be considered secondary control and need only to be occupied once, providing there is a minimum of two 20 minute duration vectors from project control computed for the corner position that differ by no more than 0.08 feet horizontally.

The use of Post-Processed Kinematic (PPK) or Real-Time-Kinematic (RTK) GNSS procedures are not allowed for establishing control.

B3.2.1.3 Primary Horizontal Control. For Highway Projects or traverses along road corridors, GNSS control points shall be set at approximately 2 mile intervals within the project limits, in areas where they may be easily traversed in and out of. These points shall be used for both the project horizontal and vertical control. A 9/16" dia. stainless steel rod shall be used for these deep monuments. A minimum 4" dia. well case of length 2.5 feet shall be set around each monument with a protective cap and marker post. These points shall be driven to a maximum of 40 feet or refusal, whichever is less. An acceptable alternative would be to cement a cap into a solid rock outcropping or bedrock, or a dig-in type flared-base monument where conditions warrant.

Additional intervisible traverse points, as needed, shall be set at maximum 1320 foot intervals, and shall consist of a minimum 5/8" x 24" rebar (5/8" x 8" in pavement) with identifying cap. These points shall be located off of the existing paved surface wherever possible, and shall be set at least 0.1 foot below the existing ground surface. No spikes or nails shall be used as the Primary Horizontal Control.

All primary horizontal control points and reference points, found or set, shall be shown on the SCD.

The Contractor shall prepare a narrative horizontal control summary detailing the datum, primary control points used, Basis of Bearings, type of adjustment performed and statistics, problems encountered during the survey, equipment used, etc., which shall include annotated copies of control computations and control adjustments, and a horizontal control statement. For GNSS control surveys, the Contractor shall also provide a RINEX2 format data file of at least 8 hours of GNSS data for at least two control points for at least two different days in the Contractor's control network. **The Contracting Agency recommends logging as much data on as many different days as possible to account for any solar disturbances or other unanticipated problems that might occur**.

B3.2.1.4 Basis of Vertical Control. When primary vertical control is provided by the Contracting Agency, it shall be held as the basis of control for the project. Any auxiliary control points necessary to augment this control shall be incidental to the task for which it is required. When the primary vertical is to be established by the Contractor, the vertical datum shall be determined by the Contracting Agency. Note: A tie to MLLW shall be made for all surveys in or adjoining tidally influenced areas unless specifically directed to do otherwise by the Contracting Agency.

B3.2.1.5 Vertical Control Standards. All vertical control survey measurements shall be recorded in field books. If an electronic digital level is used and the data is recorded electronically the Contractor shall provide annotated copies of the raw and reduced data. All vertical survey circuits shall meet or exceed the standards for third order leveling as specified in the latest printing of the Federal Geodetic Control Committee's Standards and Specifications for Geodetic Control Networks. All vertical control points shall be part of a closed level loop; side-shots are not acceptable. Each loop shall be adjusted and this adjusted elevation used for any further loops. Loop closures and loop-adjusted elevations shall be shown in the field books. The books shall also be used to record descriptions and sketches of vertical control points found or set, condition of found points, and for electronically recorded data the loop information (start point, point(s) controlled, end point, etc.) necessary to interpret the data. Primary vertical control points (BMs and TBMs) shall be controlled by differential leveling. Elevations may be established for secondary control points by closed trigonometric loops, in which case sight distances shall not exceed 750 feet with foresights and backsights of approximately equal lengths, and the line of sight shall clear obstacles by a minimum of 1.5 feet to avoid the effects of adverse refraction. Elevation differences shall be measured and recorded to the nearest 0.01 foot.

B3.2.1.6 Primary Vertical Control. For highway projects or projects along road corridors, primary vertical control points shall be established every ½ mile or less. Existing official bench marks (BMs) shall be used wherever possible, with intermediate temporary bench marks (TBMs) established between them. These TBMs shall be stable objects such as luminaire and signal pole base bolts, spikes in trees, etc. **Wooden utility poles, scribes in concrete, and traverse points shall not be used for TBM's.** Contact the Contracting Agency for direction if no suitable TBM locations exist. Where no permanent official bench marks exist, the Contractor shall establish a minimum of two **permanent bench marks** per project site, or one per mile, whichever is the greater number, for use through project construction. Permanent bench marks shall be at a minimum, 9/16" dia. stainless steel rod driven no more than 40 feet or until refusal into dry ground, encased by a 2.5 foot section of 4" dia. well casing flush with the ground with a rubber cap covering the top of the pipe, or a brass cap cemented into rock outcrops or stable concrete structures, e.g. bridge abutments or building foundations and walls. These points may also satisfy the requirements for Horizontal control, under section B3.2.1.3. A marker post shall be placed near each permanent benchmark, found or set. Refer to the NOAA Manual NOS NGS 1, Geodetic Bench Marks for recommended guidelines for setting permanent benchmarks.

Primary vertical control points, found or set, shall be described in great detail, identifying the particular physical feature used for the elevation point, and sketches shall be made to aid in this effort. Instructions sufficient to enable someone unfamiliar with the project to find these points shall be recorded; these instructions shall include distances and directions from recognizable terrain features such as major intersections, bridges, buildings, etc. All primary vertical control points, found or set, shall be tied to the project horizontal control and shown on the SCD.

The Contractor shall prepare and provide a narrative vertical control summary detailing the datum, primary control points used, vertical network adjustment data, problems encountered during the survey, equipment used, etc., which shall include an NGS benchmark data sheet if available.

B3.2.2 Survey Control Diagram. The Contractor shall prepare a Survey Control Diagram (SCD) for the project showing the relationship between survey monuments set and found in the field. The SCD typically shows all horizontal and vertical control found or set in the course of a survey, as well as all found or set monuments that exist in the roadway. The SCD will be recorded as a Record of Survey in the appropriate Recording District by the Contracting Agency once approved. In cases where Right of Way Mapping will not take place as part of a project, the Contractor may be required to show all monument ties on the SCD, as directed by the Contracting Agency.

B3.2.3 Survey Control Sheet. (NIC) The Contractor shall prepare a Survey Control Sheet (SCS) for the project showing the relationship between the final project centerline and survey monuments in the field. This differs from a Survey Control Diagram (SCD-see section B3.2.2) in that the SCD does not show the final project centerline. The SCS shall be part of the construction plan set and its principal users will likely be Land Surveyors staking the project centerline prior to and after construction or replacing corners that have been disturbed, Contracting Agency surveyors checking that work, and the Project Engineer to ensure that existing monumentation does not get disturbed. Other near-term users may include Land Surveyors who are performing boundary work in the vicinity of the project. The SCS may be recorded as a Record of Survey, but typically is not. **The SCS must not be prepared before the final design centerline is known**, typically after the Pre PS&E Review. Samples are available from the Contracting Agency's Survey Section.

B3.2.4 Electronic Photographs. To assist in the point identification, verification of markings, condition of monument and accessories, we ask that .jpg digital photographs be gathered of all monuments found, set, or tied. Each corner should have a minimum of three photographs: one readable close-up of the cap, one near distance showing monument condition, and one with an overview of the monument and its surroundings (it helps to have a tripod setup over the point or some other indicator like fiberglass post to find monument in surrounding picture). All original bearing trees and other accessories of record should also be photographed for these corners. The photographs should be indexed by point number, with the point number in the file name to aid identification of the point. Many times a chalkboard or other similar device can be used in the field to identify the point in the photographs by writing the point legal designation and project point number on the board, and placing board in scene of the pictures. Resolution/File Size should be limited to no more than 1Mb per photo, or a resolution of no more than 2048x1356.

B3.3 Survey for Design

B3.3.1 General. Design Surveys include topographic, hydrographic, photogrammetric, and other geospatial methods of data collection associated with defining the existing ground surface and both natural and man-made features.

B3.3.2 Monument Ties. The Contractor shall research, locate, photograph, and verify all monuments within the existing Right-of-Way limits and the proposed construction limits. If the Contracting Agency previously performed a field survey tying monumentation, the existence of these monuments shall be field verified. This will insure that the Contracting Agency can comply with the provisions of AS 19.10.260 and AS 34.65.040, and enable an estimate of quantities to be made. Examples would be Rectangular or Centerline monuments. In the event there is no Right of Way survey performed, these corners will need to be surveyed using the methodology described in section B3.2.1.2, so their position can be accurately reestablished.

B3.3.3 Remote Sensing. (NIC) When directed by the Contracting Agency, the Contractor shall obtain remotely sensed and associated mapping products. The Contracting Agency shall be granted rights to use of the data and associated delivered products, for our project design and other in-house uses, including transmittal to others.

B3.3.3.1 Photogrammetry. As an alternative to ground surveying, the Contractor may use controlled aerial photography to provide planimetric and topographic information. Use of photogrammetric data for this project is subject to the Contracting Agency's approval. As aerial photography may be used for a variety of analyses, the photography shall be natural color and have sufficient scale and resolution to allow for the preparation of the photogrammetric products, which meet the required accuracies and provide economical acquisition. Aerial photography used for topographic mapping products shall be acquired during leaf-free and snow free conditions. Aerial photography used solely for orthophoto products may be acquired with leaf-on conditions. Existing photography may be substituted for new photography with the approval of the Contracting Agency Project Manager. All acquired aerial photography, and all photogrammetric products prepared by the Contractor, shall conform to the guidelines and standards of the US COE Manual EM-1110-1-1000. The Contractor using methods suitable to return the desired mapping accuracies shall control aerial photography used for mapping products. Horizontal and vertical datum for the photogrammetric products shall be on the same datums as that used for the project control. Any photo pre-mark panel points shall be set and controlled for this task, using the same methods and materials as detailed for auxiliary control points presented above for Horizontal and Vertical Control. The Contractor shall determine the number of, location of, and panel size for these points in conjunction with the firm performing the aerial photography. Each photogrammetric control point shall be marked using appropriate panel material. The Contractor shall remove and dispose of all panels set under this contract at the direction of the Contracting Agency. The use of the most cost effective techniques that will provide the specified products is encouraged. All photogrammetric products for development of TINs shall meet the format, content, accuracy and certification requirements of Section B3.3.4.1 through B3.3.4.6 unless directed otherwise by the Contracting Agency.

If aerial photography is acquired for, or available for use on this project, a digital orthophoto, geo-referenced to the project coordinates, shall be provided to the Contracting Agency for use in design. Orthophotos shall be delivered in two formats with the associated world files: uncompressed .TIF, and compressed Mr. Sid image file.

B3.3.4 Topographic Survey. Topographic features shall be surveyed using appropriate data collection methods. The Contractor shall provide complete topographic mapping in a single AutoCAD drawing file along with a single TIN upon completion. All points located in these surveys shall be included in the project coordinate file. The Contractor shall:

B3.3.4.1 Define the existing ground surface by creating a Triangular Irregular Network (TIN). The TIN shall be capable of accurately generating 1 foot contours in all areas. Hard shots (pavement, concrete, etc.) shall have vertical accuracy of less than 0.1 foot. The TIN shall incorporate fault lines (grade breaks, existing centerlines, edges of pavement, curbs [flowline and top back], sidewalks, shoulders and/or tops of bank, toes of slope/fill, ditches and/or drainages, etc.) and additional shots as necessary to insure that the TIN accurately represents the **existing ground surface**. The TIN shall not represent water surfaces. Sufficient data shall be gathered along driveways and side streets to allow grade matching. Provide TIN verification in the form of the Contracting Agency's TIN Certificate. (B2.7)

B3.3.4.2 Locate and map all **existing improvements and utilities** (above and below ground) within the survey limits. Mapping of overhead utility wires shall include the apparent low point of the wire sag. Overhead wire crossings shall also be located at the existing and proposed centerlines. Elevations for these points shall be the bottom wire elevation. Locate all attachments (guy wires, pedestals, stand pipes, load centers, lights, etc.) within the project survey limits. This includes, but is not limited to, power, telephone, fuel lines, water and sewer lines, cable television, edge of pavement, fences, signage, and navaids within the survey limits. Note any historical sites located in this area. Caution shall be used to avoid disturbing any historic remnants. Locate the edge of trees and identify the approximate average height of the trees at the edge. Locate the limits of any apparent contaminated soils and waters within the project area. Tie to any Corp of Engineers flood plain datums. For Airports: Heights of towers, antennas and any other structure that could be considered a hazard to aircraft shall be included. Determine location, finish floor elevations, peak roof elevations and a description of all buildings in and within 100 feet of the surveyed area. Locate the first tier of structures lying outside of the proposed airport boundary and within 200 feet of that boundary.

B3.3.4.3 Locate and map all **drainage structures** within the survey limits. Record diameter, length, invert elevations, structure type and condition, high water marks, and apparent flow direction.

B3.3.4.4 Locate and map any **other physical feature, natural or man-made**, including any ordinary or mean high water boundaries that could affect the design of the project, as directed by the Contracting Agency.

B3.3.4.5 After the Contracting Agency has reviewed the provided data, the Contractor may need to **extend the TIN & topographic mapping as specified** by the Contracting Agency.

B3.3.4.6 Locate and tie, both horizontally and vertically, **all proposed and existing geotechnical sample locations.** The Contractor shall stake the baseline or sample locations as directed by the Contracting Agency.

B3.3.5 Bridge Site/Drainage Survey. (NIC) The Contractor shall perform drainage surveys in the vicinity of proposed channel crossings or major drainages. All work shall be tied to project horizontal and vertical control. Surveys shall be performed as specified in the Preconstruction or Drainage Manual unless otherwise directed by the Contracting Agency. The Contractor shall coordinate with the Contracting Agency for site-specific requirements. The data collected for these surveys shall be incorporated into the TIN and topographic files, and all shots taken shall be included in the project coordinate file.

For culverts 36 inches and over in diameter, 4 cross sections upstream and 4 cross sections downstream from the inlet and outlet of said culvert shall be surveyed. The spacing of these cross sections shall typically be equal to the average width of the existing streambed (i.e. 10 feet wide will then have cross sections taken at 10, 20, 30, and 40 feet up stream and downstream). Cross sections shall be taken perpendicular to the existing streambed. Shots shall be taken at: the thalweg, the toe of slope, the edge of existing water, ordinary high water, the top of bank, and one shot past the top of bank. The data collected for these surveys shall be incorporated into the TIN, topographic, and project coordinate files. The Contractor shall perform the following drainage survey work:

B3.3.5.1 For bridge sites, the line of **ordinary high water** shall be located. The Contractor shall search for evidence of extreme high water and locate it at the existing structure. These items shall be located both horizontally and vertically. The Contractor shall complete the appropriate sections of the Contracting Agency's Bridge Site Survey Form.

B3.3.5.2 Prepare a topographic map of each bridge site. The map shall show the ordinary high water elevation (or mean high water in tidally influenced areas) and indicate the edge of water at the time of the survey. All buildings, dikes, rock outcroppings and other physical features shall be noted on the map.

B3.3.5.3 Additional data collection for the Hydraulic Report may be required after the design has reached the Local Review stage.

B3.3.5.4 Prepare a Bridge Site Report, which is a summary in ASCII format noting pertinent information such as horizontal and vertical control basis, date of survey, bridge number, name of water body, ordinary high water coordinate point numbers, extreme high water coordinate point numbers, existing structure coordinate point numbers, and note whether body of water is navigable.

B3.3.6 Special Features. The Contractor shall collect ground elevation data necessary and stake the location of project specific appurtenances to the roadway (retaining walls, breakwaters, special ditches, turnouts, sound barriers, etc.) as necessary for their design and field review by the Contracting Agency.

B3.3.7 Deliverable Items. The deliverables shall be organized electronically in folders according to the following list. Only submit what is required for your specific project. Do not submit extra information not required by the Contracting Agency. Name the files and folders according to what they represent. Do not use contractor specific job numbers. CAD drawings should be named in such a manner that anyone can tell what it represents without having to open the drawing. An example would be "Sleetmute_Topo.dwg", and not "06-342.dwg". The Contractor shall submit the following items related to their survey to the AK DOT&PF Survey Section:

Deliverable Description

A. Field Books: The original field books or PDF indexed, reduced, stamped and checked. (B2.4)

B. Point Files: An ASCII coordinate file containing all recovered, computed, and topographic points in the local system (if provided). Electronic format shall be submitted. Elevations that are not valid TIN elevations shall be coded as such in the descriptor. (B2.8)

C. Descriptors: An ASCII file listing all descriptors used and an expanded description of their meanings. Descriptors not used on this project shall not be included in this list. (B2.8)

Deliverable Description

D. Survey Report and Control Summary: Horizontal and vertical control summaries in ASCII format. The Contractor shall also provide stamped annotated copies of control computations and control adjustments, including a check shot report. (B3.2)

E. Survey Control Diagram (Record of Survey): Electronic CAD and PDF copy. (B3.2.2)

F. Survey Control Sheet(s): Electronic CAD and PDF copy. (B3.2.3)**(NIC)**

G. GNSS Data: For GNSS control surveys, the Contractor shall provide RINEX2 GNSS data files of 8 hours length for at least 2 control points, along with any GNSS processing or OPUS reports. (B3.2.1.3)

H. Electronic Pictures: Organized folders containing all of the control, monument ties, and project site photos. Do not use separate folders for each point. If applicable, the point number should be referenced within the image filename. (B3.2.4)

I. TIN: All TIN files with a sealed and signed certificate of accuracy. Quality control check spreadsheet showing the differences from the true values (B2.7).

J. Bridge Site/Drainage Survey mapping: Electronic drawing files and TIN files (B3.3.5.2)

K. Bridge Site Report: Refer to the Preconstruction or Drainage Manual, and or the Contracting Agency for possible additional information. (B3.3.5.4)

L. Project Drawing: A single complete and edited AutoCAD drawing file of the entire survey limits, containing topographic mapping (points, surfaces, annotations, metadata), base-mapping, bridge site/drainage surveys. (B3.3.4)

M. Air Photo Report: A report of the photogrammetric control shall be provided including all ground control points, aerial photography camera logs, airborne GNSS control procedures and results, analytical aero triangulation results, current camera calibration reports, and other data associated with control of the aerial photography. (B3.3.3.1) **(NIC)**

N. Ortho Photo Mosaic: .tif format files shall be delivered in files less than 250MB in size. A compressed image file in Mr. Sid format shall also be included. An index file showing the project area and the areas covered by the individual files shall be included. (B3.3.3.1) **(NIC)**

B3.4 SURVEYING FOR RIGHT-OF-WAY (NIC)

B3.4.1 General. The Contractor shall perform the following services to the standards in B3.2. Typically the surveying for ROW is performed after horizontal control is established for the project. Any exceptions shall be discussed at the project pre-work meeting.

B3.4.1.1 Prior to commencement of the survey, the Contractor shall review any title documents and mapping in the Contracting Agency's possession which is considered relevant to the project. The Contractor shall be responsible for researching additional relevant documentation from other sources. These documents include but are not limited to the following:

Bureau of Land Management (BLM) and Department of Natural Resources (DNR) land status plats, BLM township survey plats, Mineral and U.S. Survey plats and field notes, any records of survey, subdivisions, and relevant engineering control surveys, United States Coast and Geodetic Survey (USC&GS)/ National Geodetic Survey (NGS) control diagrams-descriptions, DOT&PF right-of-way records and other easement or boundary documents of record, DOT&PF engineering as-builts, DOT&PF Airport Leasing documents, DNR surveys, and aerial photos, DEC Community Profile Maps, Local or Municipal data.

All research for property corner ties (generally includes local platting authority subdivision plats and right-of-way plats, BLM U.S. Surveys, state land survey plats, waiver documents, deeds, record of surveys and monument records) should be done prior to commencement of searching and tying property and ROW controlling corners.

B3.4.1.2 Tie the nearest Public Land Survey System (PLSS) monuments (Section, 1/4 Section and 1/16 Section Corners) left and right of the project Right-of-Way corridor or if existing monuments that represent the legal corner positions do not exist at those locations, sufficient additional rectangular monuments and/or accessories to control the computations of the legal locations of those corners per the relevant BLM *Manual of Surveying Instructions for Public Lands*. Any corner monument in need of rehabilitation or re-monumentation shall first be photographed, and then have rehabilitation accomplished prior to tying the monument location and re-photographing the final condition. The intent of the PLSS monument ties is to define the larger remaining parcel surrounding the existing road Right-of-Way.

Tie all existing centerline monumentation throughout the project limits including two centerline monuments at each end that extend beyond the limits of the project. Additional PLSS monuments shall be recovered to allow section breakdown for property boundary determination as directed by the Contracting Agency. Tie adequate centerline monumentation on side streets to determine side street alignment to the project limits. A minimum of two side street centerline monuments shall be tied. If side street centerline monuments are not recovered then sufficient block or lot corners will be tied to define the side streets.

For the initial surveys all property corners within and along the existing ROW and the ROW centerlines should be searched for, documented and tied. In most cases, there will be some non-fronting property corners also required to be tied to setup subdivision blocks, survey boundaries and side-street ROWs. Sufficient control is required to establish the location of all surveys adjoining the ROW, or where acquisitions are planned. The extent of the corners to be tied normally is discussed and clarified during contract negotiations or at the survey pre-work meeting.

B3.4.1.3 For projects with PLO ROWs or other ROWs dependent on the physical road location (such as prescriptive claims), tangent asbuilts are required. This procedure normally requires the field determination of pavement or unpaved surfaces centerline by physical measurement, and then location of those points. Points are normally surveyed near each tangent end and a minimum of 3 points on curves The number of shots actually required depends on curve length and degree of curve and should be clarified in writing at the pre-work meeting. The Contractor at the direction of the Contracting Agency may also be tasked with developing an alignment and locating existing slope or clearing limits. Please consult the Contracting Agency's ROW Engineering section for guidance.

B3.4.2 Record of Survey. A Record of Survey shall be prepared for recording in the appropriate Recording District for the Right of Way survey. All Right of Way surveying completed above in section B3.4.1 shall be included in the Record of Survey. Consult with the Contracting Agency for guidance in the preparation of the Record of Survey.

B3.4.3 Annotated Plats and Research Documents. PDF Copies of all of the research documents for the rectangular survey, centerline monuments, ROW monuments and property corners shall be provided, along with annotations of whether the point was searched for and not found, or monument destroyed, or if found it's corresponding project point number. These annotations do not need to be "works of art", and many times are the original paper plat copies, or scans of such, that the field crews had in the field with them. The annotated plats should be indexed in some method (by Section Location, MOA grid, or other logical means), placed in labeled folders organized by the indexing scheme.

B3.4.4 Additional Topography for Right-of-Way Acquisition. The Contractor shall collect all topographic information that may affect the cost and/or schedule of defined right-of-way acquisitions for the project, such as culverts, land service or access roads, improvements, apparent contaminated soils or waters, buried fuel tanks, fences and any structures. Septic system, well and building locations are examples of pertinent data, usually outside of the acquisition area, that may affect the value of the right-of-way to be acquired.

B3.4.5 Deliverable Items. The deliverables shall be organized electronically in folders according to the following list. Only submit what is required for your specific project. Do not submit extra information not required by the Contracting Agency. Name the files and folders according to what they represent. Do not use contractor specific job numbers. CAD drawings should be named in such a manner that anyone can tell what it represents without having to open the drawing. An example would be "Sleetmute_ROW.dwg", and not "06-342.dwg". The Contractor shall submit the following items related to their Survey to the AK DOT&PF Survey Section:

Deliverable Description

A. Field Books: The original field books or PDF indexed, reduced, stamped and checked. (B2.4)

B. An ASCII coordinate file containing all recovered, computed, and topographic points in the local system

(if provided). Electronic format shall be submitted. Elevations that are not valid TIN elevations shall be shown as -9999. (B2.8)

C. An ASCII file listing all descriptors used and an expanded description of their meanings. Descriptors not used on this project shall not be included in this list. This file shall be submitted with the draft coordinate file. (B2.8)

D. Right of Way Survey Report Memo. A brief description of the survey methods, equipment, computations, quality control checks and accuracy estimates.

E. Survey Control Diagram (Record of Survey): Electronic CAD and PDF copy. (B3.2.2)

F. Annotated Plats and Research Documents. (B3.4.3)

G. GNSS Data: For GNSS control surveys, the Contractor shall provide RINEX2 GNSS data files of 8 hours length for at least 2 control points, along with any GNSS processing or OPUS reports. (B3.2.1.3)

H. Electronic Pictures: Organized folders containing all of the control, monument ties, and project site photos. Do not use separate folders for each point. If applicable, the point number should be referenced within the image filename. (B3.2.4)

B3.5 RIGHT-OF-WAY MAPPING (NIC)

B3.5.1 General. The Contractor shall perform the services necessary to establish the existing Right of Way, and, prepare ROW Lines for Construction Plans, Base Maps, Right of Way Maps, Parcel Plats, Airport Property Plans, Airport Land Occupancy Maps, and Right of Way Acquisition Plats in accordance with the DOT&PF Right of Way Manual and specific instructions from the Contracting Agency.

B3.5.2 ROW Lines for Construction Plans. The Contractor shall submit an electronic drawing file which contains the existing ROW lines, existing ROW centerline, adjoining property lines and subdivisions. The Contractor shall include a narrative of the ROW that is being shown. Narrative shall include source documents and methods used to determine existing rights-of-way.

B3.5.3 Base Maps shall show the entire project limits and shall include a DOT&PF standard Right of Way title sheet, legend sheet, tract maps, plan sheets, monument summary sheets, and general notes sheet including a source document table using Contracting Agency supplied AutoCAD format at the scale and layout specified by the Contract Manager. The plan sheets shall show the following information:

A. Existing property boundaries, including all Public Land Survey System survey lines.
B. All subdivisions, including name, plat number, lot and block, or aliquot part description, and easements as shown.
C. Existing right of way centerline.
D. Existing rights-of-way
E. Improvements.
F. Other features required by the Right of Way Manual and /or the Contracting Agency.

B3.5.3.1 When preparing Base Maps, the Contractor shall (a) thoroughly document sources of existing rights-of-way (b) resolve problems with existing Right of Way and boundary locations and (c) analyze preliminary engineering information to determine where additional survey ties are required. The Contractor shall provide a written summary of (any significant) Boundary Problems encountered in making specific boundary determinations, including rationale for the solution. The Contractor shall provide digital copies of all research with the preliminary Base Map.

B3.5.3.2 The Contractor shall not begin preparing Base Maps without prior specific written authorization from the Contracting Agency.

B3.5.4 Right of Way Maps shall show the entire project limits and shall include a DOT&PF standard Right of Way title sheet, legend sheet, tract maps, plan sheets, and monument summary sheets. The plan sheets shall show all the information required for the Base Maps plus the following information:

A. Proposed Right of Way.
B. Proposed project centerline.
C. Station and offsets to right of way limits.
D. Easements.
E. Parcels.
F. Parcel Information Block.
G. Proposed slope limits.
H. Revision block.
I. Other features required by the Right of Way Manual and /or the Contracting Agency.
J. For Airport Property Plan and Airport Acquisition Plat (in addition to the above):
    1. Plan view showing Tracts and Parcels.
    2. Runway Centerline end coordinates in the NAD83 CORS datum.

B3.5.4.1 When preparing Right of Way Maps, the Contractor shall:

A. Resolve survey conflicts with existing right of way and boundary locations.
B. Analyze preliminary engineering information to determine where additional survey ties are required.
C. Examine Title Reports and adjust preliminary boundaries, add additional easements and update owner information as required.
D. Compute the Take and Remain areas of each parcel based on right of way requirements supplied by the Contracting Agency.
E. Prepare Map per appropriate platting codes.

B3.5.5 Parcel Plats. The Contractor shall prepare plats for all parcels to be acquired for this project when directed by the Contracting Agency. Note: full takes do not need a parcel plat prepared. Parcel plats shall contain the information required by the DOT&PF Right of Way Manual. . The Contractor shall make revisions to Parcel Plats requested by the Contracting Agency. Parcel Plats shall use the Contracting Agency's standard 8-1/2 by 14 inch format and be submitted as a PDF or in a format specified by the Contracting Agency. Plats shall be at a scale suitable for legibility and clarity of detail using Contracting Agency supplied AutoCAD format and shall contain information as required by the DOT&PF Right of Way Manual and the parcel plat checklist. A Title block and border drawing file will be supplied by the Contracting Agency.

B3.5.6 Airport Property Plan and Airport Acquisition Plat. The Contractor shall prepare an Airport Property Plan according to the DOT&PF Right of Way Manual. The Airport Property Plan is considered similar to a Base Map and relates the existing property boundary and property status. An Airport Acquisition Plat is necessary for acquisition areas in the Unorganized Borough and is required to follow the regulations as set for Right-of-Way Acquisition Plats by Department of Natural Resources.

B3.5.7 Airport Land Occupancy Maps. The Contractor shall research current and historic airport tenant lease documents, resolve any found discrepancies and map errors, and provide an updated Airport Land Occupancy (LO) Map, as directed by the Contracting Agency.

B3.5.8 Right-of-Way Negotiations. The Contractor shall provide technical support for right-of-way negotiations. This shall include interpreting documents prepared for the project and explaining project impacts to the Contracting Agency's personnel, property owners, and others. The Contractor shall also attend meetings as required to make presentations and answer questions.

B3.5.9 Pre-Acquisition Meeting. When requested by the Contracting Agency, the Contractor shall attend the pre-acquisition meeting. The purpose of this meeting is to discuss proposed project features and impacts to adjoining properties and parcel configuration prior to plat approval and acquisition. The Contractor should be prepared to discuss any design features which may affect adjoining properties such as project alignments, pathways, sidewalks, medians, curb and gutter, slope limits, impacts to driveways and utilities. Adjoining property information shall include lot boundaries, buildings, driveways, and any other features/improvements that will help the Contracting Agency in negotiations with affected property owners and others to assess project impacts. In addition to preliminary right of way plans, the Contractor may be requested to provide additional visual displays for clarification.

B3.5.10 Reviews and Schedule. The Contractor shall submit drafts of the Base Maps, Right of Way Maps and Parcel Plats, for the Contracting Agency's review, in accordance with the following: Base Maps shall be submitted with the Local Review Assembly. Right of Way Maps including proposed takes for project construction shall be submitted with the Plans-In-Hand Review Assembly. Right of Way Maps including proposed takes for the project and all required utility relocations shall be submitted within four months of the Plans-In-Hand Review submittal. Current Right of Way Maps shall be submitted with the PS&E Assembly. The Summary of Boundary Problems shall be submitted with the drafts of Base Maps. The Contracting Agency shall have a minimum of four weeks for the return of written comments. The Contractor shall address comments to the satisfaction of the Contracting Agency prior to submitting final documents for Right of Way Certification.

B3.5.11 Deliverable Items. The Contractor shall submit draft and final Base Maps, Right of Way Maps and Parcel Plats in PDF and DWG format for Contracting Agency review. Electronic copies of all research and the Summary of Boundary Problems shall be submitted with the draft Base Map. If requested by the Contracting Agency, the Contractor shall provide full sized mylars with original signature for recording along with the final Base Map submittal. Prior to Right of Way Certification, the Contractor shall submit two final Right of Way Maps on 11x17 paper with original signatures and one full size mylar with original signature.

B3.5.12 Provided Items. The Contracting Agency will provide the following (item A can be found on the DOT&PF web site. Items B-D can be obtained on the DOT&PF FTP site. Call 269-0680 for site addresses):

A. One copy of the Title and Plans Section from the DOT&PF Right of Way Manual.
B. Samples of final drawings, parcel plats, and title reports.
C. Civil 3D Drawing Template
D. The Contracting Agency's Standard Right of Way legend sheet.
E. Original Title reports for each property to be acquired.

B3.6 Pre & Post Construction Surveys (NIC)

B3.6.1 General. In order to best perpetuate the positions of DOT/PF Project Centerline Monuments, we encourage the use of Static GPS ties to permanent control stations that are set outside project limits, and are expected to last well beyond construction.

B3.6.2 Pre-Construction. When directed by the Contracting Agency upon completion of the design phase of the project, but prior to advertising for construction, the Contractor, using the previously established project control shall monument the project (PC's, PT's, and no-curve PI's, etc.) using conventional methods. All monuments established shall consist of a minimum 5/8" dia. X 24" rebar (5/8" dia. X 8" in pavement) with a 2" dia. cap, and stake nearby. Once set, all monuments shall be photographed and re-tied to verify their position (B3.2), and a comparison to the design coordinates shall be presented to the Contracting Agency in spreadsheet format. This information shall be presented in project staking report.

Static GNSS Control points for this task shall be set at approximately two mile intervals, or closer for a small project, outside of the construction limits, so as to last for the duration of the project. A plan identifying the type of monument to be set for control, and its proposed location, shall be submitted to the Contracting Agency prior to the work being performed. Control points from the design survey effort may be used for this effort upon approval.

Monuments that may be disturbed during construction shall be referenced by static GNSS to the off-project control. It shall be the Contractor's responsibility to coordinate with the Agency or Firm developing the Right of Way Mapping to identify these monuments. Two in line conventional reference points, set outside the construction limits, may be used in the cases where static GNSS will not work. Two vectors at a minimum shall establish the position of the monument to be referenced. These two vectors shall differ by no more than 0.08 feet.

This procedure is further explained here:
http://www.dot.state.ak.us/creg/dot-cadastral/Construction_Surveys/Centerline_Referencing_and_Perpetuation_2011.doc.

B3.6.3 Post-Construction: When directed by the Contracting Agency, and upon completion of the construction phase of the project, the Contractor shall establish and monument the project and a random control line. Monument type and spacing shall be determined in discussions with the Contracting Agency. In the case of a project centerline, the points shall be established using the data from the Pre-Construction effort. Right of Way monumentation that was referenced

prior to construction shall be field verified that it was not disturbed. A digital photo shall be required as proof. Any disturbed ROW monuments shall be reestablished as part of this effort. This procedure is further explained here http://www.dot.state.ak.us/creg/dot-cadastral/Construction_Surveys/Centerline_Referencing_and_Perpetuation_2011.doc. A final Record of Survey or data incorporation into the project Right of Way Mapping shall be completed that shows any new monumentation set.

B3.6.4 Final Record of Survey (Airports). When directed by the Contracting Agency, and upon completion of the Construction phase, the Contractor shall complete the final Record of Survey which may include, but is not limited to, the following tasks: FAA Aeronautical Survey, locate all navigational aids, as built the runway using guidelines provided by the Contacting Agency, set or check the airport boundary monumentation, set or check the access road monumentation, tie into older horizontal and vertical datums, and establish threshold coordinates. If land was acquired as part of the project a Right-of-Way Acquisition plat will be developed and recorded in the appropriate recording district.

Deliverable Description

A. Field Books: The original field books or PDF indexed, reduced, stamped and checked. (B2.4)

B. Point Files: An ASCII coordinate file containing all recovered, computed, and topographic points in the local system (if provided). Electronic format shall be submitted. Elevations that are not valid TIN elevations shall be coded as such in the descriptor. (B2.8)

C. Descriptors: An ASCII file listing all descriptors used and an expanded description of their meanings. Descriptors not used on this project shall not be included in this list. (B2.8)

D. Survey Report and Control Summary: Horizontal and vertical control summaries in ASCII format. The Contractor shall also provide stamped annotated copies of control computations and control adjustments, including a check shot report. (B3.2)

E. Record of Survey for centerline and random control, and/or Monument of Record Forms (B3.6.3) if this information is not incorporated with the project Right of Way Mapping closeout effort. (B3.5 or B3.7)

F. Project Staking Report (B3.6.2)

G. GNSS Data: For GNSS control surveys, the Contractor shall provide RINEX2 GNSS data files of 8 hours length for at least 2 control points, along with any GNSS processing or OPUS reports. (B3.2.1.3)

H. Electronic Pictures: Organized folders containing all of the control, monument ties, and project site photos. Do not use separate folders for each point. If applicable, the point number should be referenced within the image filename. (B3.2.4)

I. Right of Way Acquisition plat. (B3.5.6)

J. Airport as-built Record of Survey (B3.6.4)

ARTICLE 4
ADMINISTRATIVE REQUIREMENTS

B4.1 General. The CONTRACTOR shall be responsible for all tasks and services authorized by a Notice to Proceed signed by the Project Manager and shall perform such services in accordance with the project schedule.

B4.2 Project Schedule If the CONTRACTOR becomes aware of any reason why the project schedule may be delayed, such reason shall be identified in writing to the Project and Contract Manager within two working days of discovery.

Project Schedule:

1. NTP – September 25, 2020
2. Fieldwork – 8 weeks from NTP
3. Draft Deliverables – 10 weeks from NTP
4. Final Deliverables – Completed by December 1, 2020

B4.3 Project Staff. All services must be performed by or under the direct supervision of the following individuals. Only prior written approval from the CONTRACTING AGENCY shall accomplish replacement of, or addition to, the Project Staff named below:

Name	Company	Project Responsibilities

B4.4 Professional Registration. Where applicable, all reports, plans, specification, estimates and similar work products provided by the CONTRACTOR shall be prepared by, or under, the supervision of the Registered Land Surveyor in responsible charge for the services. These Surveyors shall be currently registered in the State of Alaska and they shall sign and seal each final work product for what they are responsible in compliance with **12 AAC 36.185**.

B4.5 Billing Reports. The Contractor shall provide a two-page (typical) report with each monthly billing for months in which services are performed. The report shall specifically describe the services and other items ***for which the billing is submitted***, and shall estimate the percent the services are complete. Any delayed costs from previous billing periods that are included in the current billing must be clearly explained in the report.

B4.6 Correspondence. All correspondence prepared by the Contractor shall bear the Contracting Agency's assigned Project name and numbers (State & Federal).

B4.7 Contractor Name on Plan Sheets and Documents. No Contractor logos shall be allowed on any electronic or hard copy document produced for the Contracting Agency. The Contractor company name shall be included in the box above or below the engineer's seal on each sheet. Documents produced for the Contracting Agency shall include the Contractor's company name at the bottom right of the first page, cover sheet, or title sheet only. Contractor letterhead shall be allowed only as exhibits in document appendices. The Contractor name shall be in the following format:

PLANS DEVELOPED BY:
COMPANY NAME

B4.8 Documents and Reports shall be printed with solid black letters that are double spaced on white, 8.5 inch x 11-inch bond or "Xerox Copy" paper. Other size paper may be used for illustrations if they are folded to 8.5 inch x 11-inch size. Original documents and reports shall be printed on one side of the paper only and shall be ready for copying. Documents and reports shall have no black and white photographs, color photographs, or multicolored graphics except as specifically approved by the Contracting Agency. Original, camera ready, copies of final documents and reports shall be submitted to the Contracting Agency for a check before printing.

B4.8.1 Copies. When the Contract calls for multiple copies of documents or reports, the copies shall be printed on both sides of the paper. However, the cover and pages with approved illustrations, multicolored graphics, or photographs shall be printed on one side of the page only. All copies - except for originals - shall be bound.

B4.8.2 Page Numbers. All documents shall be page numbered to allow every major Section, Chapter, Appendix, etc., to begin on a "right hand," odd numbered page.

B4.8.3 Covers. The cover of all documents and reports shall include the following information:

A. Name of document or report.
B. Date.
C. Indicate whether draft or final.
D. Project Name.
E. State and Federal Project Number(s).
F. Prepared for: Alaska Department of Transportation and Public Facilities.
G. Prepared by:
H. Map and/or picture of project area.

B4.9 Revisions. The Contractor shall modify work products in response to direction from the Contracting Agency. Corrections, adjustments, or modifications necessitated by the review/approval process, but which do not substantially affect the scope, complexity, or character of the services, shall be considered a normal part of the Contractor's services.

B4.9.1 Errors and Omissions. Except as described in this Statement of Services, work products shall be essentially complete when submitted to the Contracting Agency. Work products having significant errors or omissions will not be accepted until such problems are corrected.

B4.9.2 Review Meetings. Following each review the Contracting Agency will provide written comments and may hold a meeting to discuss the issues. The Contractor's personnel who are in responsible charge for the work products under review shall attend the meeting and they may be asked to interpret and provide explanations of the content.

B4.9.3 Comment Resolution. The Contractor shall provide a written response with subsequent submittals that address all written and oral comments from the Contracting Agency. All changes from previous submittals shall be clearly explained.

B4.9.4 Reproduction and Distribution. When the contract requires only the original or only one copy of a work product to be delivered, the Contracting Agency will reproduce and distribute all other copies required. Items delivered for reproduction shall be organized and camera ready for copying and not stapled or otherwise bound.

EXHIBIT A

SURVEY REQUEST

Project Name:	**Parks Hwy: Houston to Willow Rehabilitation**				
From: (Section, Design Group)	Highway Design		**Date Submitted:**	June 5, 2020	
Request Initiated by:	Aaron Hunting, P.E.		**Phone:**	269-0595	
State/Federal/AIP Project #:	0A41035 / CFHWY00076				
Desired Completion Date:	October 2020	**Activity Code:**	002P	**Phase Code:**	T02015

Project Scope & Survey Limits: **(include exhibits as attachments)**

(Please contact Right of Way Engineering prior to filling this out, as their requirements may directly affect the survey effort required. Include their response)

For each area the following information is needed: Alignment data or physical location of line (exist CL, top bluff, etc.); Desired contour interval; Distance or physical limits left and/or right from line desired. Please provide an attachment for each alignment.

Scope of overall project:

The Parks Highway: Houston to Willow Rehabilitation project is a 3R project that will rehabilitate between Milepoint 21.6 (milepost 57) and Milepoint 36.5 (milepost 72). Improvements will include: vertical and horizontal geometry improvements at select locations, shoulder widening, structural section improvements, paving, striping, signing, culvert replacement and drainage improvements, embankment improvements, slope stabilization, guardrail replacement and repair, and minor bridge improvements. Three bridges are located within the project limits, Bridge numbers 0240, 1923, and 0210.

Scope of survey work requested:

Survey within existing Department ROW, ROW to ROW. Please provide topographic and basemap survey data for the remaining areas between Milepoint 21.6 and 36.5 that were not surveyed with the October 2018 and June 2019 surveys. See attached detail for the missing areas.

Locate: (Fill empty slots if desired & Check all that apply)

Improvements		Drainage		Utilities		Right of way/Monuments		Other	
Edge Pvmt., Curbs, etc.	X	Culverts	X	Above Ground	X	Front Corners Only			
Structures	X	Ditches	X	O'head X-ings	X	Front & Back Corners			
Sewer/Septic System		Storm Drain	X	Inverts	X	Monuments in Roadway	X		
Bridge Site Survey						Encroachments			

Vertical Control

Are there any elevation-critical features needing to be located? ☒Yes ☐No

If Yes, which datum are these features to be referenced to? (MSL, MLLW, MHW, Project, Geoid__, etc…) NGVD 1929

Monuments in the road

Are there survey monuments in the roadway (from as-builts)? ☒Yes ☐No

Construction Schedule

When is construction anticipated to occur? 2023

Completed by _____ Date Completed_____

Notes:_____

(This section for Survey Section use)

Survey Assigned to: Estimated Completion Date:

Project History:

This project started out as a Pavement Preservation Project (1R), but has been re-scoped to a Rehabilitation Project (3R). A prior survey consultant worked under a design contract to complete the work to date, but when the project was re-scoped, a new survey contract needed to be created because the Department decided to keep the design of the project in-house.

Hz/Vert Control:

Horizontal and vertical control for the project is provided in, **Exhibit B**. Additional control may be needed to fill in areas not covered by the existing control.

TIN/Topo:

The topo area shall be ROW to ROW for the length of the project, excepting for the areas already acquired which will be incorporated into the final TIN and TOPO, **Exhibit C**.

ROW/Monument Ties:

The Contractor shall recover all monuments within the ROW excluding fronting corners and centerline monuments. These may be included later in design or preconstruction if TCE, TCP and acquisitions become necessary, see **Exhibits D & E**.

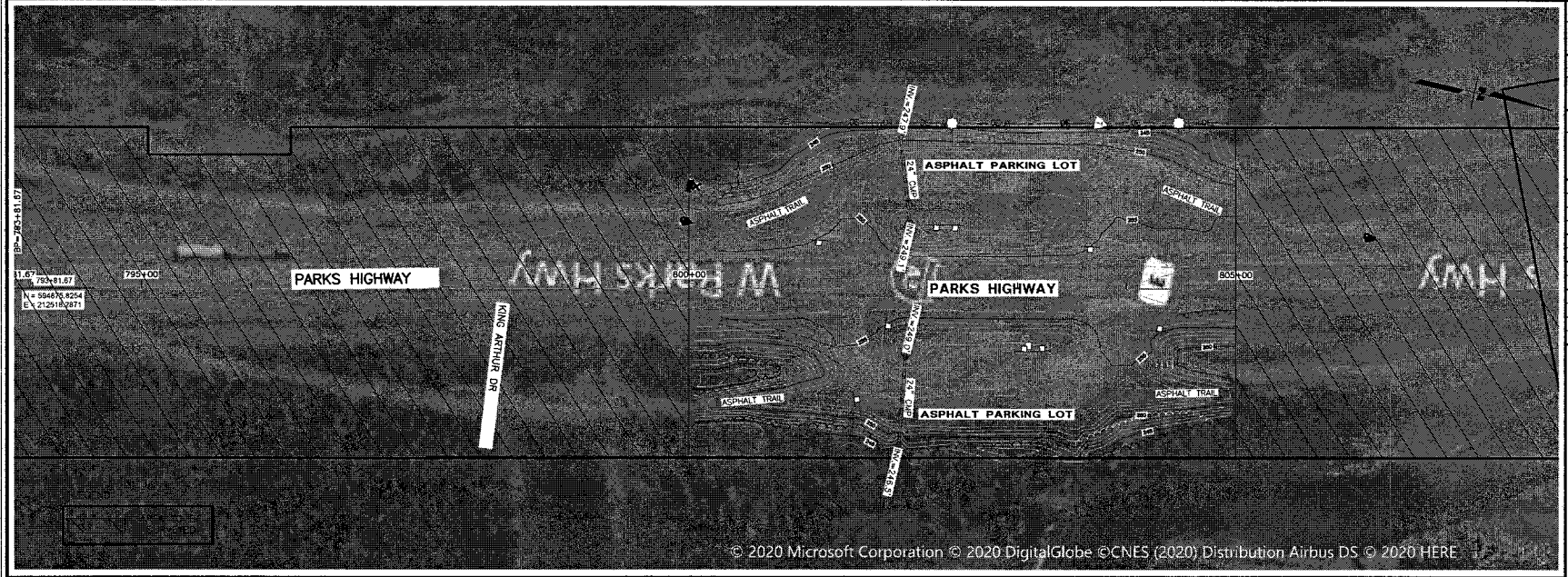
Pre and Post Construction Surveying:

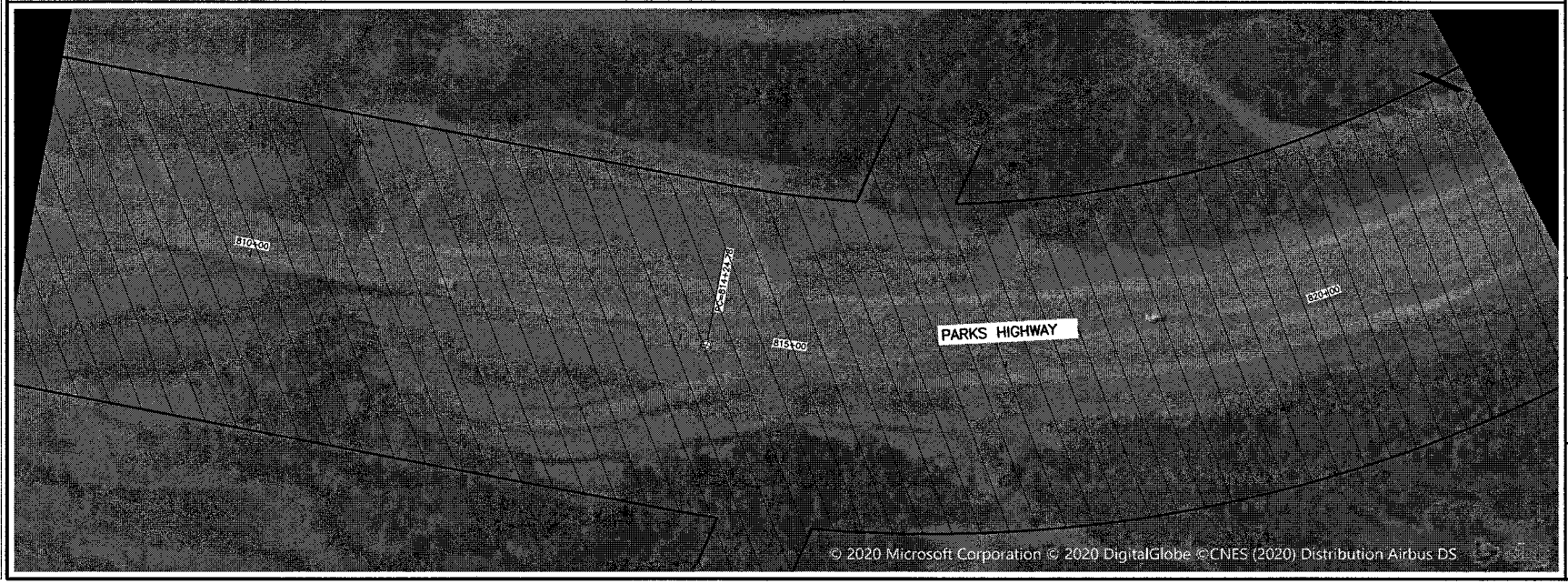
These services may be added by amendment.

Other:

Completed by _____ Date Completed _____

Notes: _____





SHEET NO.	TOTAL SHEETS
1	28
STATE	YEAR
ALASKA	2020

PROJECT DESIGNATION

CFHWY00076

NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

EXHIBIT B

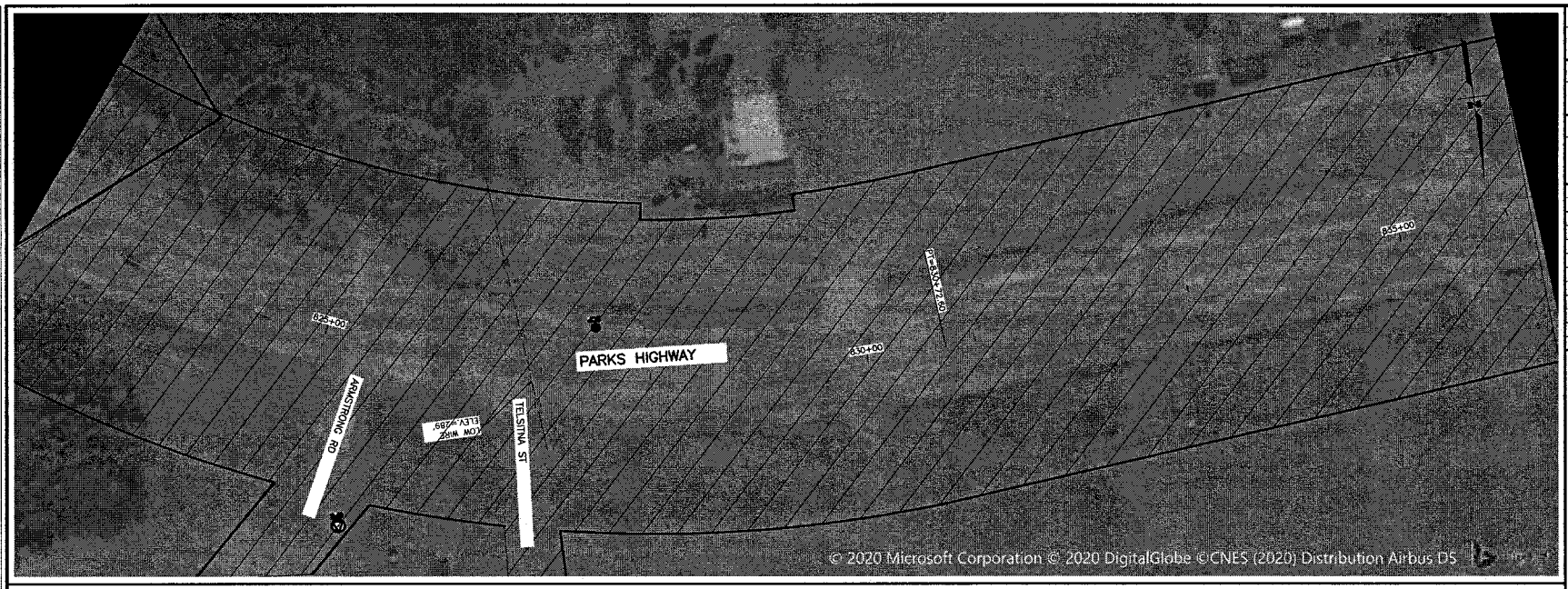
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

PARKS HIGHWAY
HOUSTON TO WILLOW

SURVEY AREAS

DRAWING LOCATION
C:\USERS\DLPETERSON\ONEDRIVE - STATE OF ALASKA\00076_SURVEY_REQ_W_COORD.DWG

DATE 6/10/2020 TIME 4:19 PM
SCALE 1" = 50'
DESIGNED BY DLP
CHECKED BY DLP
DRAWN BY DLP



SHEET NO.	TOTAL SHEETS
2	28
STATE	YEAR
ALASKA	2020

PROJECT DESIGNATION

CFHWY00076

NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

PARKS HIGHWAY
HOUSTON TO WILLOW

SURVEY AREAS

DRAWING LOCATION
C:\USERS\DLPETERSON\ONEDRIVE - STATE OF ALASKA\00076 SURVEY_REQ_W_COORD.DWG

DATE	TIME	SCALE	DESIGNED BY	DLP
6/10/2020	4:19 PM	1" = 50'	DRAWN BY	DLP
			CHECKED BY	DLP

SHEET NO:	TOTAL SHEETS
3	28
STATE	YEAR
ALASKA	2020

PROJECT DESIGNATION

CFHWY00076

NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

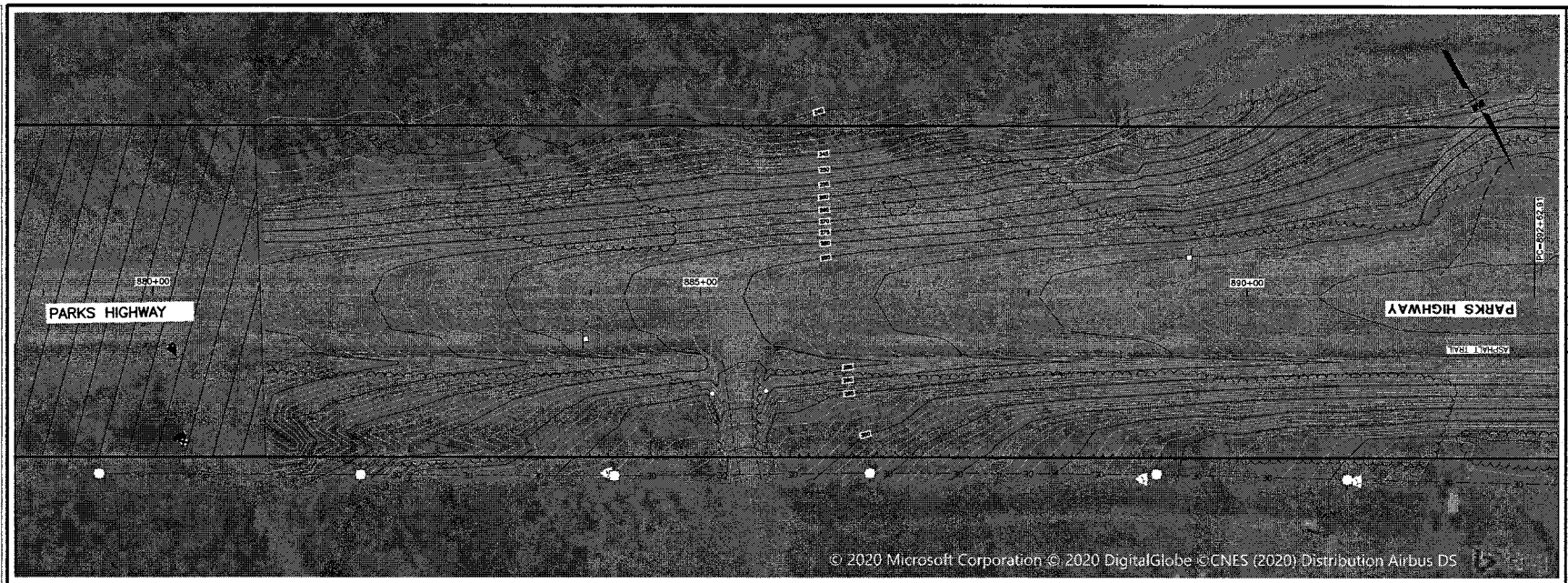
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

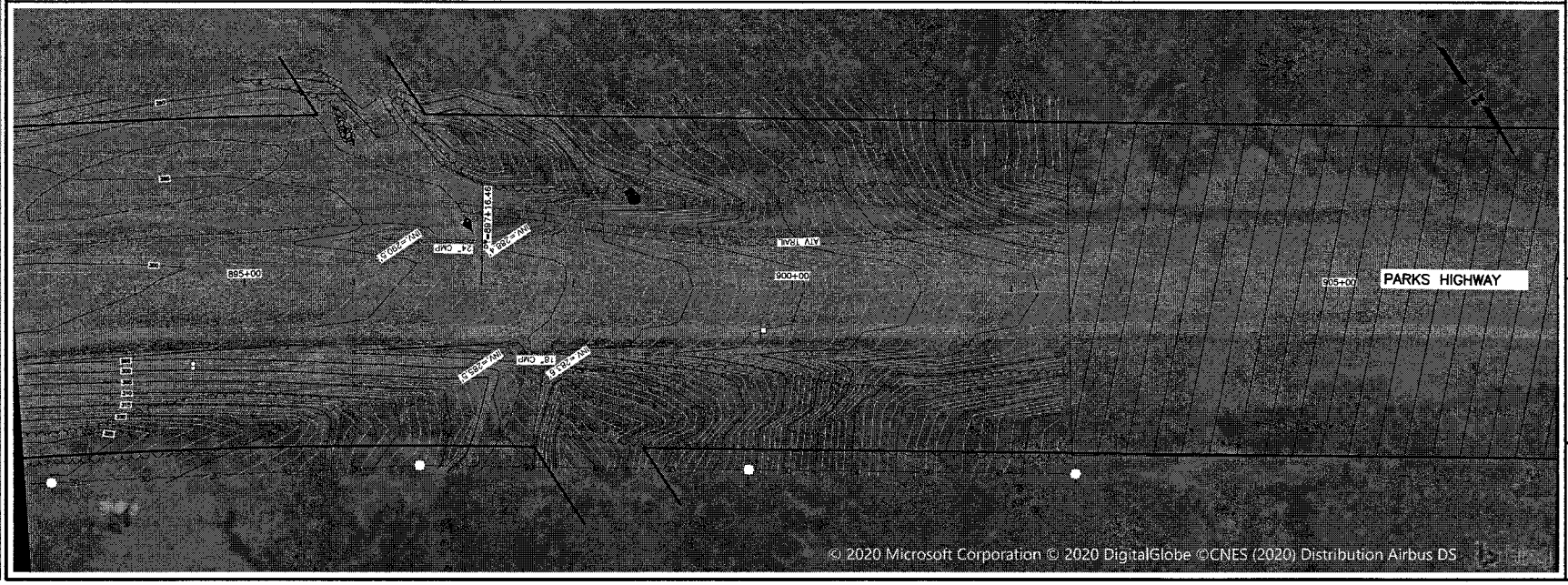
PARKS HIGHWAY
HOUSTON TO WILLOW

SURVEY AREAS

DATE	TIME	SCALE	DESIGNED BY	DJP
6/10/2020	4:19 PM	1" = 50'	REVIEWED BY	DJP
			DRAWN BY	DJP

DRAWING LOCATION
C:\USERS\DJPETERSON\ONEDRIVE - STATE OF ALASKA\00076 SURVEY_REQ_W_COORD.DWG





SHEET NO.	TOTAL SHEETS
4	28
STATE	YEAR
ALASKA	2020

PROJECT DESIGNATION

CFHWY00076

NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

PARKS HIGHWAY
HOUSTON TO WILLOW

SURVEY AREAS

DRAWING LOCATION
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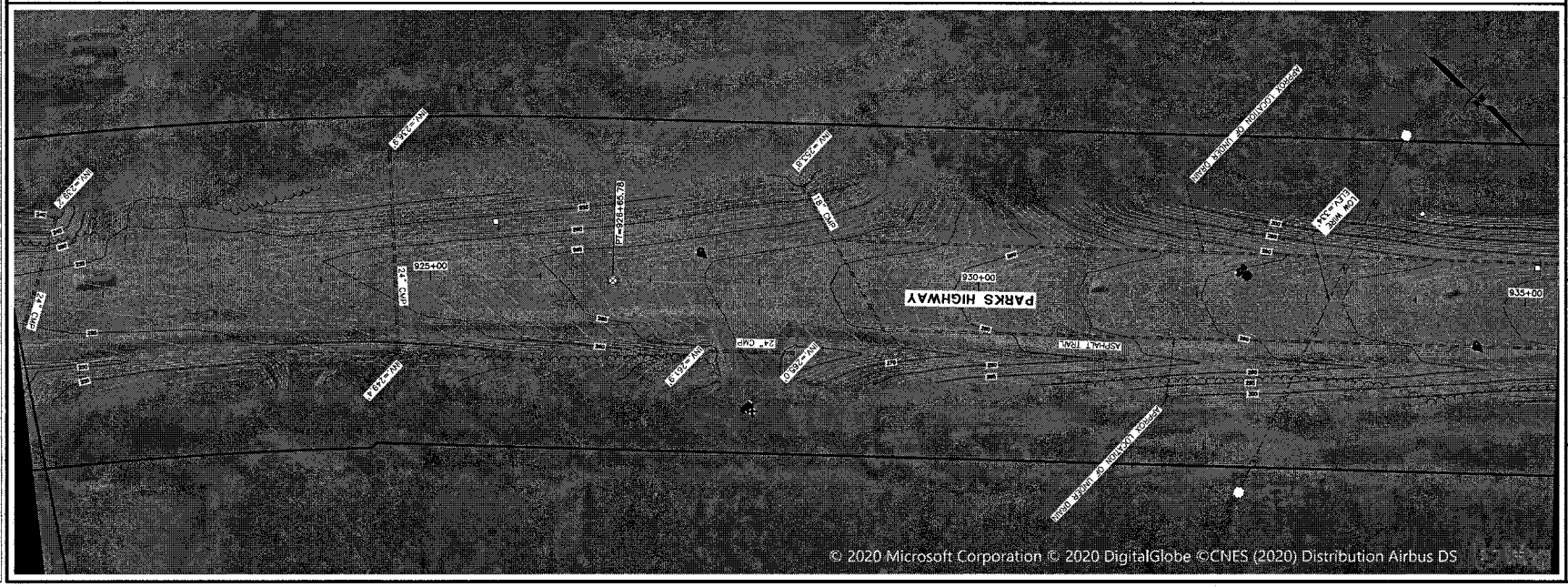
DATE 6/10/2020 TIME 4:19 PM SCALE 1" = 50' DESIGNED BY DLP CHECKED BY DLP DRAWN BY DLP CHECKED BY DLP



SHEET NO.	TOTAL SHEETS
5	28
STATE	YEAR
ALASKA	2020

PROJECT DESIGNATION

CFHWY00076

NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

PARKS HIGHWAY
HOUSTON TO WILLOW

SURVEY AREAS

DRAWING LOCATION
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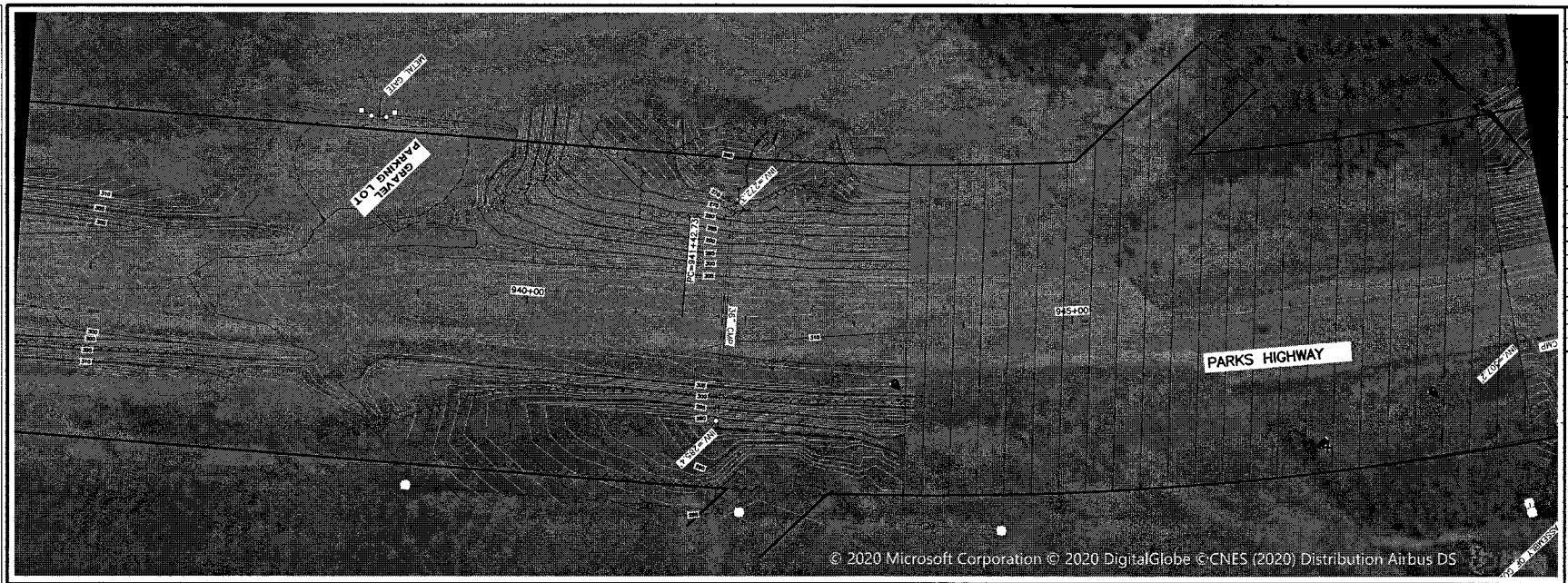
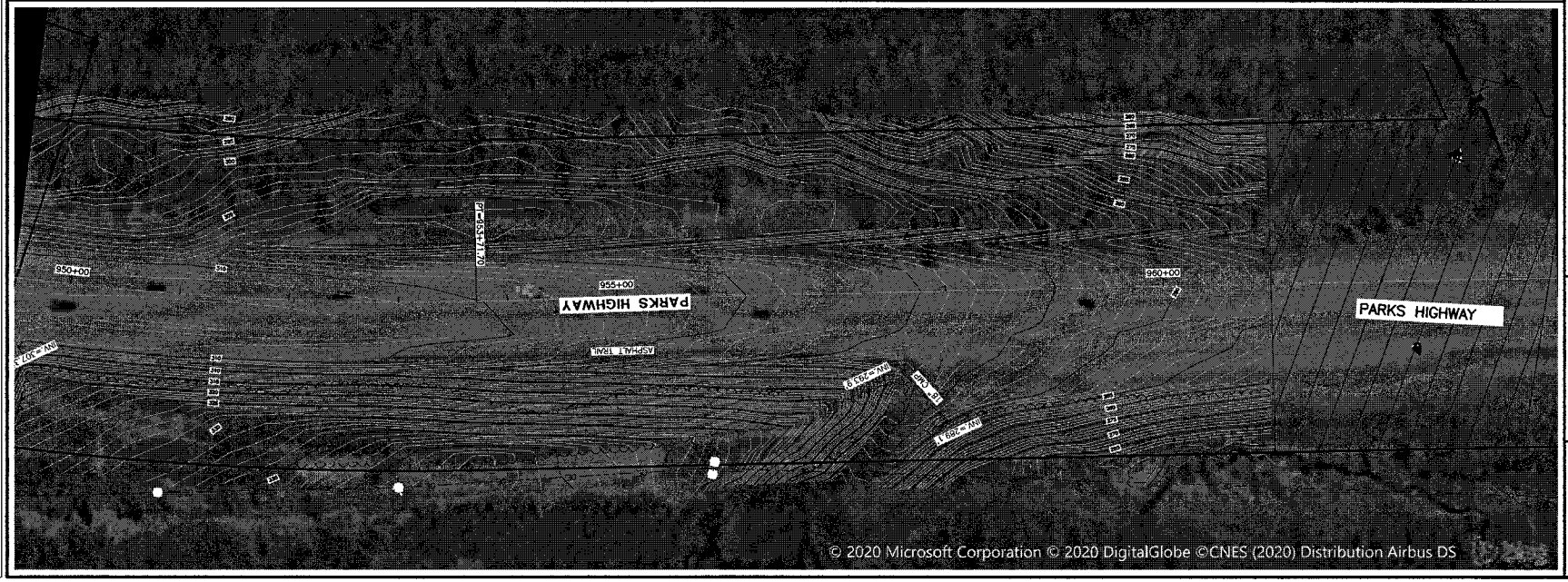
DATE	TIME	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
6/10/2020	4:20 PM	1" = 50'	D.P.	D.P.	D.P.





SHEET NO.	TOTAL SHEETS
6	28
STATE	YEAR
ALASKA	2020

PROJECT DESIGNATION

CFHWY00076

NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

PARKS HIGHWAY
HOUSTON TO WILLOW

SURVEY AREAS

DATE	TIME	SCALE	DESIGNED BY	D.L.P.
6/10/2020	4:20 PM	1" = 50'	REVIEWED BY	D.L.P.
			DRAFTED BY	D.L.P.

DRAWING LOCATION
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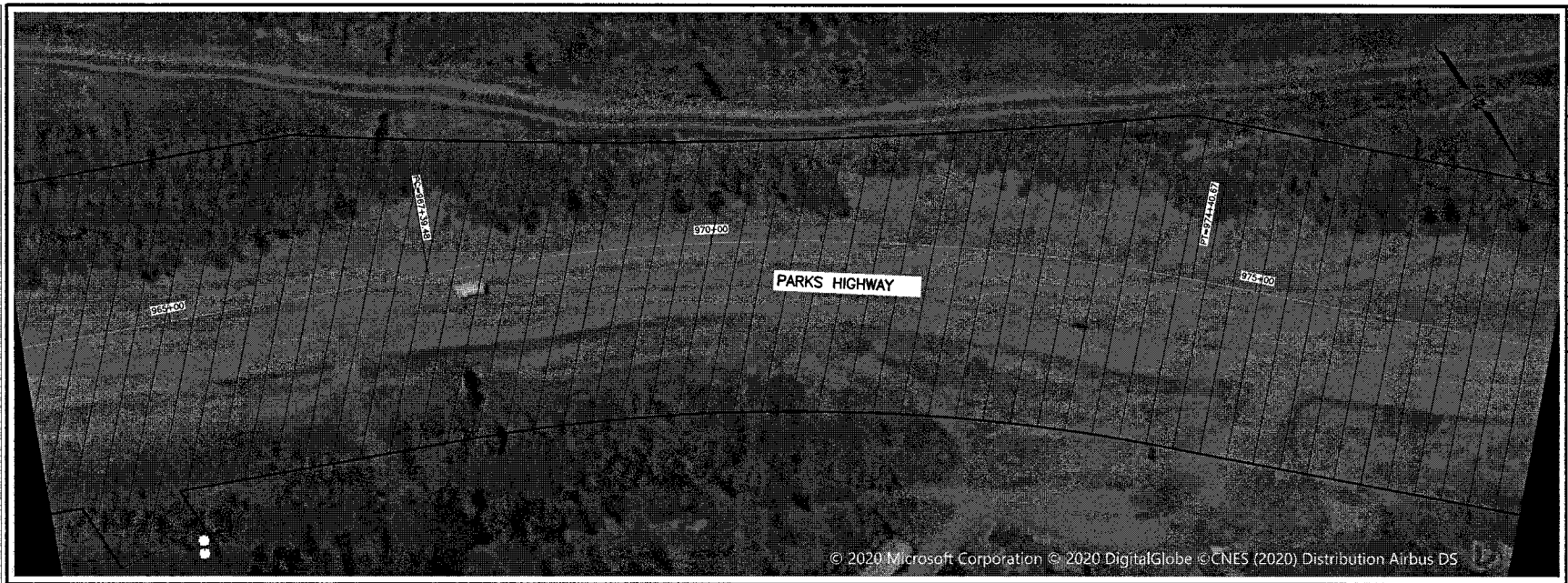

SHEET NO.	TOTAL SHEETS
7	28
STATE	YEAR
ALASKA	2020

PROJECT DESIGNATION

CFHWY00076

NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

PARKS HIGHWAY
HOUSTON TO WILLOW

SURVEY AREAS

DATE	TIME	SCALE	DESIGNED BY	D.L.P.
6/10/2020	4:20 PM	1" = 50'	DRAWN BY	D.L.P.
			CHECKED BY	D.L.P.
			PLOTTED BY	D.L.P.

DRAWING LOCATION
C:\USERS\DLPETERSON\ONEDRIVE - STATE OF ALASKA\00076 SURVEY_REQ_W_COORD.DWG

SHEET NO.	TOTAL SHEETS
8	28
STATE	YEAR
ALASKA	2020

PROJECT DESIGNATION

CFHWY00076

NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

PARKS HIGHWAY
HOUSTON TO WILLOW

SURVEY AREAS

DATE	TIME	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
6/10/2020	4:20 PM	1" = 50'	DLP	DLP	DLP

DRAWING LOCATION
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SHEET NO.	TOTAL SHEETS
9	28
STATE	YEAR
ALASKA	2020

PROJECT DESIGNATION

CFHWY00076

NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

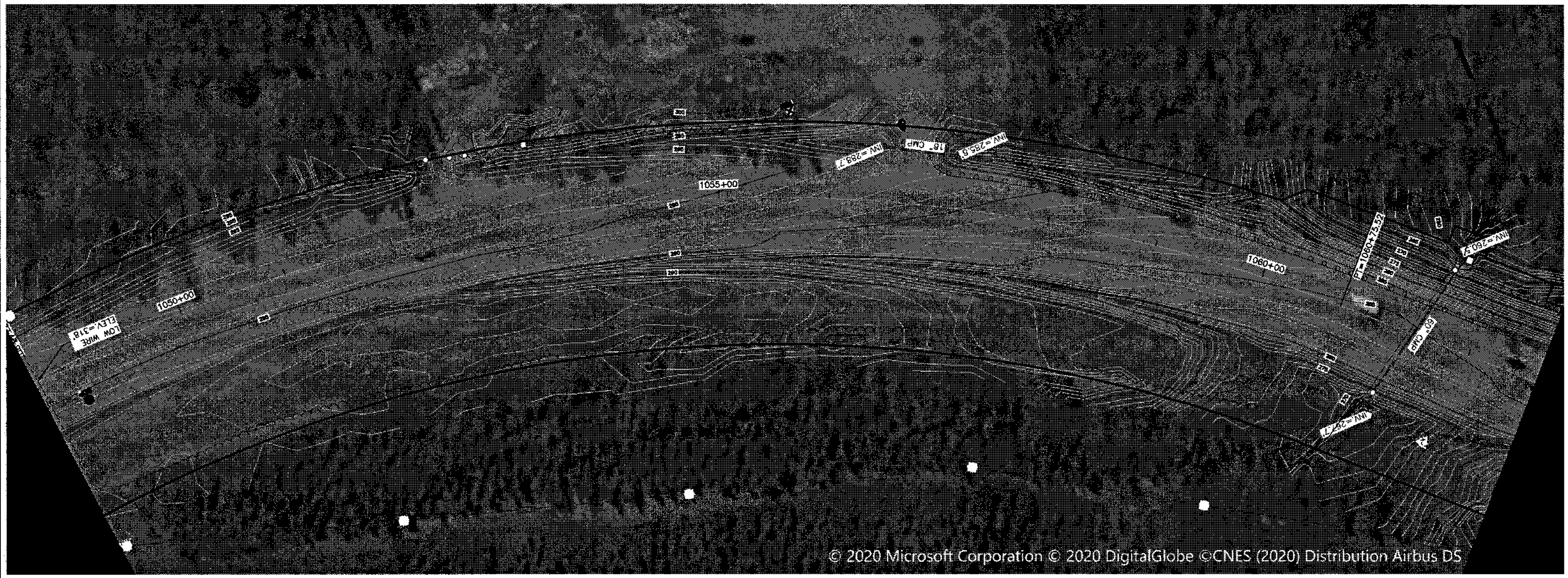
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

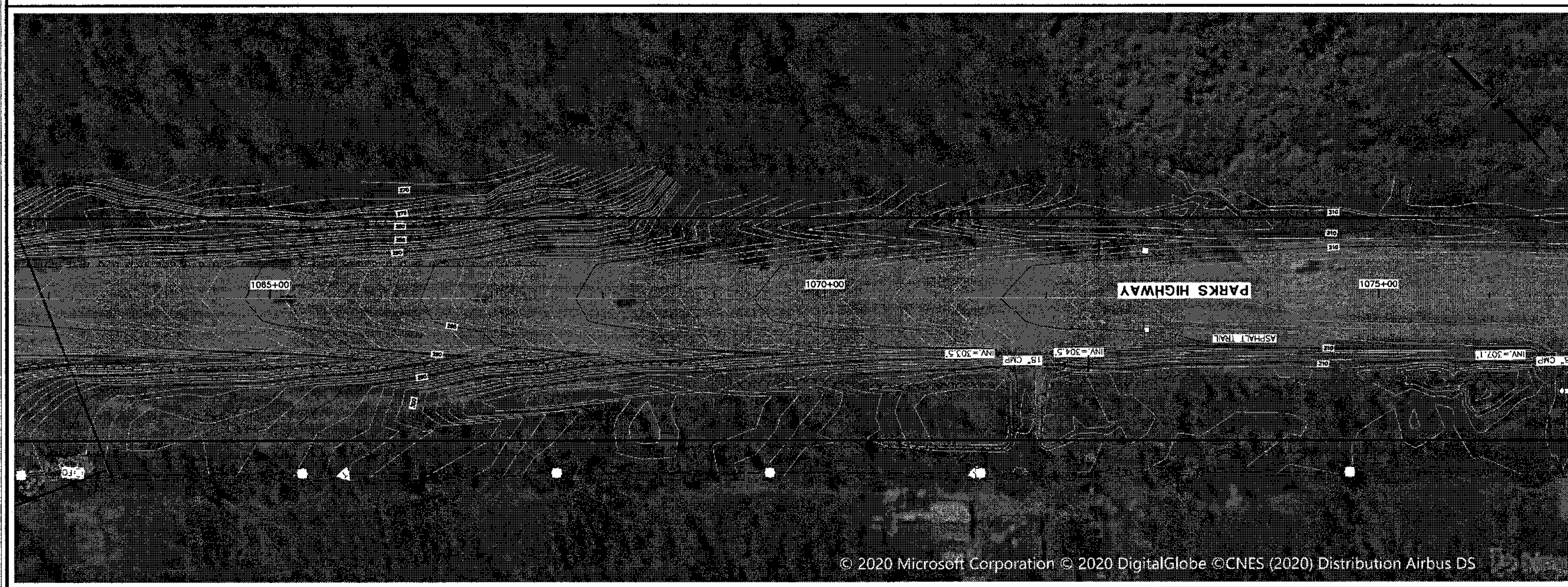
PARKS HIGHWAY
HOUSTON TO WILLOW

SURVEY AREAS

DRAWING LOCATION
C:\USERS\DLPETERSON\ONEDRIVE - STATE OF ALASKA\00076 SURVEY_REQ_W_COORD.DWG

DATE 6/10/2020 TIME 4:20 PM
SCALE 1" = 50'
DESIGNED BY DLP
CHECKED BY DLP
DRAWN BY DLP
REVIEW BY DLP





SHEET NO.	TOTAL SHEETS
10	28
STATE	YEAR
ALASKA	2020

PROJECT DESIGNATION

CFHWY00076

NO.	REVISION
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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

PARKS HIGHWAY
HOUSTON TO WILLOW

SURVEY AREAS

DRAWING LOCATION	DATE	TIME	SCALE	DESIGNED BY	DLP
C:\USERS\DLPETERSON\ONEDRIVE - STATE OF ALASKA\00076 SURVEY_REQ_W_COORD.DWG	6/10/2020	4:20 PM	1" = 50'	CHECKED BY	ALH
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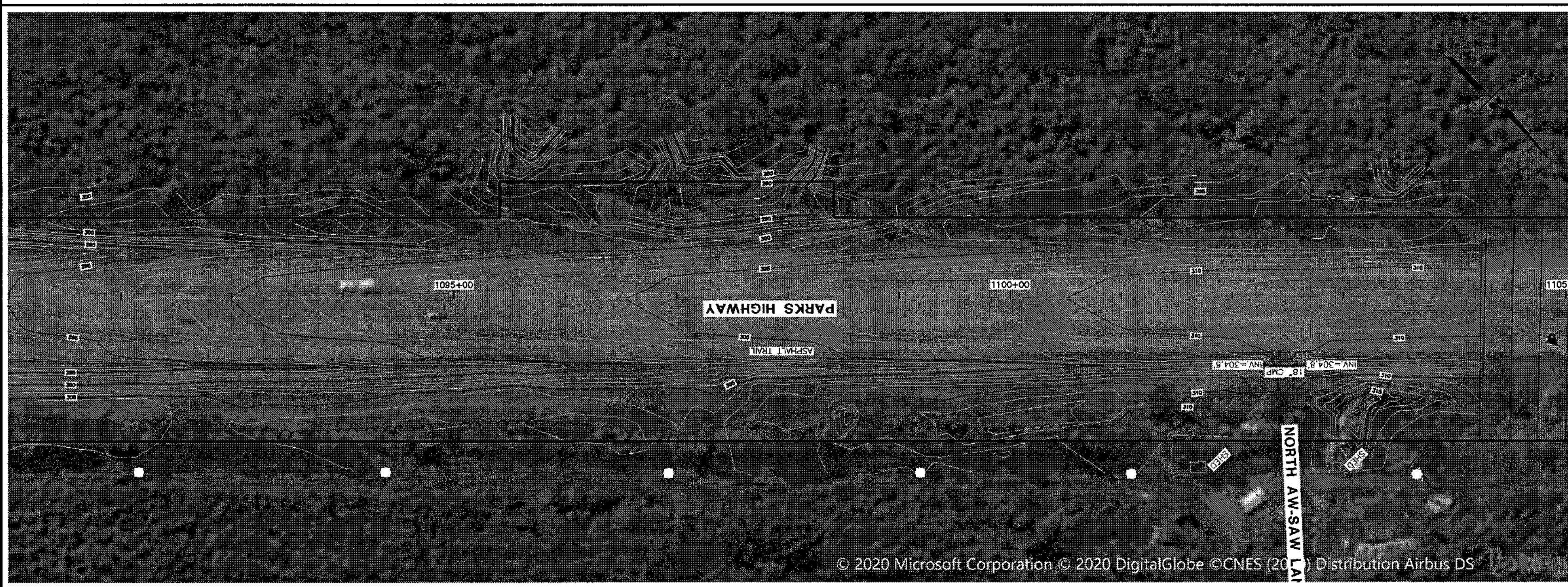

SHEET NO.	TOTAL SHEETS
11	28
STATE	YEAR
ALASKA	2020
PROJECT DESIGNATION	
CFHWY00076	

NO.	REVISION
DATE	
NO.	REVISION
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NO.	REVISION
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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

PARKS HIGHWAY
HOUSTON TO WILLOW

SURVEY AREAS

DRAWING LOCATION	DATE	TIME	SCALE	DESIGNED BY / CHECKED BY / DRAFTED BY
C:\USERS\DLPETERSON\ONEDRIVE - STATE OF ALASKA\00076 SURVEY_REQ_W_COORD.DWG	6/10/2020	4:21 PM	X" = XX'	

SHEET NO.	TOTAL SHEETS
12	28
STATE	YEAR
ALASKA	2020

PROJECT DESIGNATION

CFHWY00076

NO.	REVISION
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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

PARKS HIGHWAY
HOUSTON TO WILLOW

SURVEY AREAS

DRAWING LOCATION
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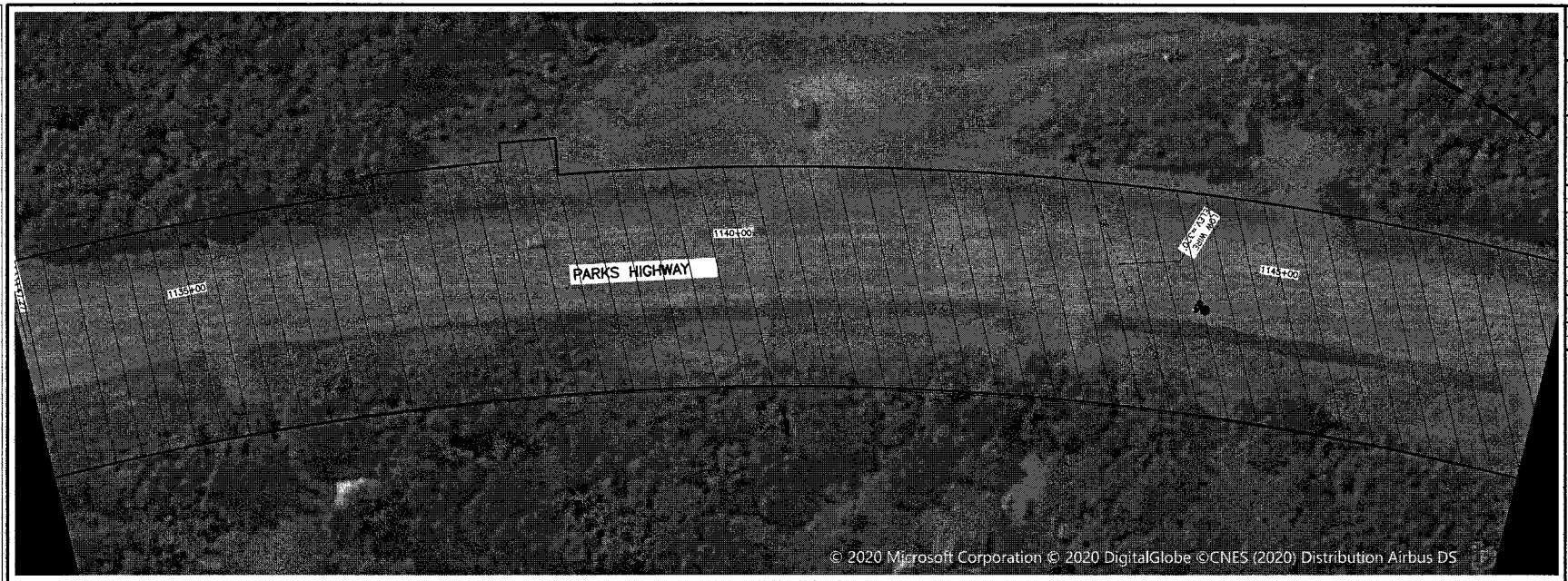
DATE 6/10/2020 TIME 4:21 PM
SCALE 1" = 50'
DESIGNED BY DLP
CHECKED BY AJH
DRAFTED BY DL



SHEET NO.	TOTAL SHEETS
13	28
STATE	YEAR
ALASKA	2020

PROJECT DESIGNATION

CFHWY00076

NO.	REVISION
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NO.	REVISION
DATE	
NO.	REVISION
DATE	

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

PARKS HIGHWAY
HOUSTON TO WILLOW

SURVEY AREAS

DRAWING LOCATION
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DATE	TIME	SCALE	DESIGNED BY	DLP
6/10/2020	4:21 PM	1" = 50'	CHECKED BY	DLP
			DRAFTED BY	DLP

SHEET NO.	TOTAL SHEETS
14	28
STATE	YEAR
ALASKA	2020

PROJECT DESIGNATION

CFHWY00076

NO.	REVISION
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NO.	REVISION
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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

PARKS HIGHWAY
HOUSTON TO WILLOW

SURVEY AREAS

DRAWING LOCATION
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DATE	TIME	SCALE	DESIGNED BY	DRAWN BY
6/10/2020	4:21 PM	1" = 50'	DLP	DLP

SHEET NO.	TOTAL SHEETS
15	28
STATE	YEAR
ALASKA	2020

PROJECT DESIGNATION

CFHWY00076

NO.	REVISION
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NO.	REVISION
DATE	
NO.	REVISION
DATE	

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

PARKS HIGHWAY
HOUSTON TO WILLOW

SURVEY AREAS

DRAWING LOCATION
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DATE	TIME	SCALE	DESIGNED BY	CHECKED BY	DRAFTED BY
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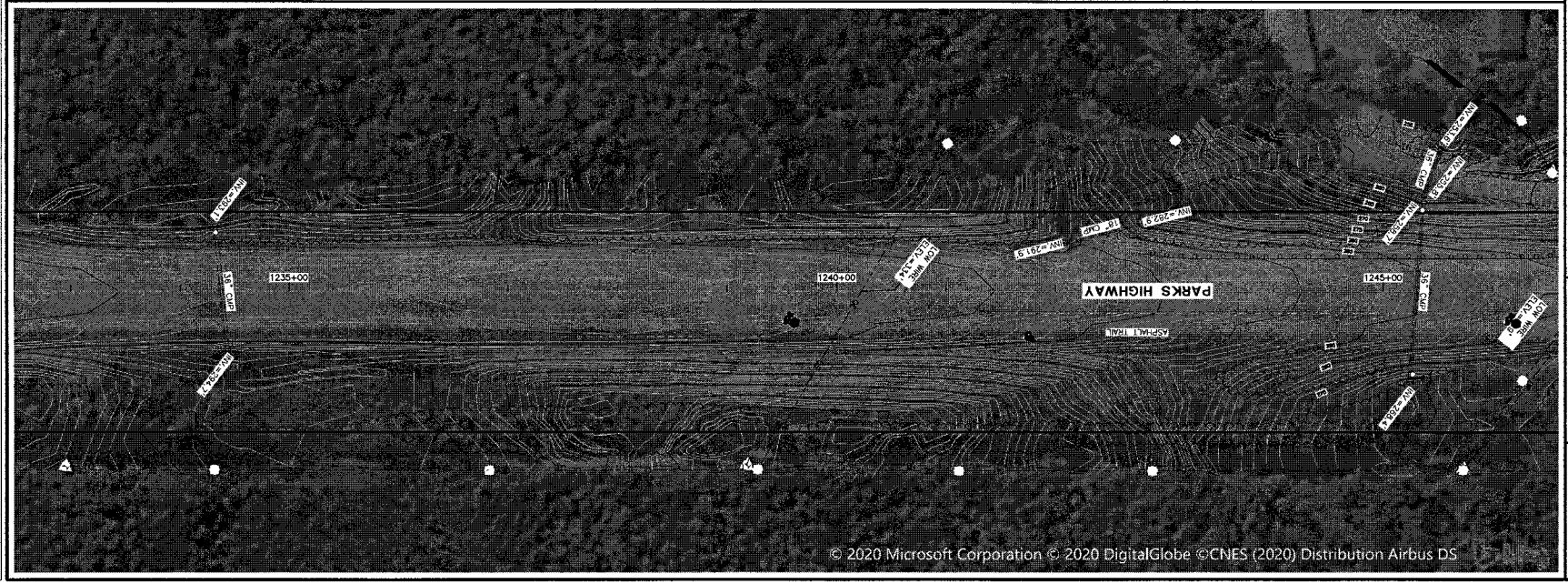

SHEET NO.	TOTAL SHEETS
16	28
STATE	YEAR
ALASKA	2020

PROJECT DESIGNATION

CFHWY00076

NO.	REVISION
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NO.	REVISION
DATE	
NO.	REVISION
DATE	

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

PARKS HIGHWAY
HOUSTON TO WILLOW

SURVEY AREAS

DRAWING LOCATION
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DATE 6/10/2020 TIME 4:21 PM
SCALE 1" = 50'
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CHECKED BY DLP
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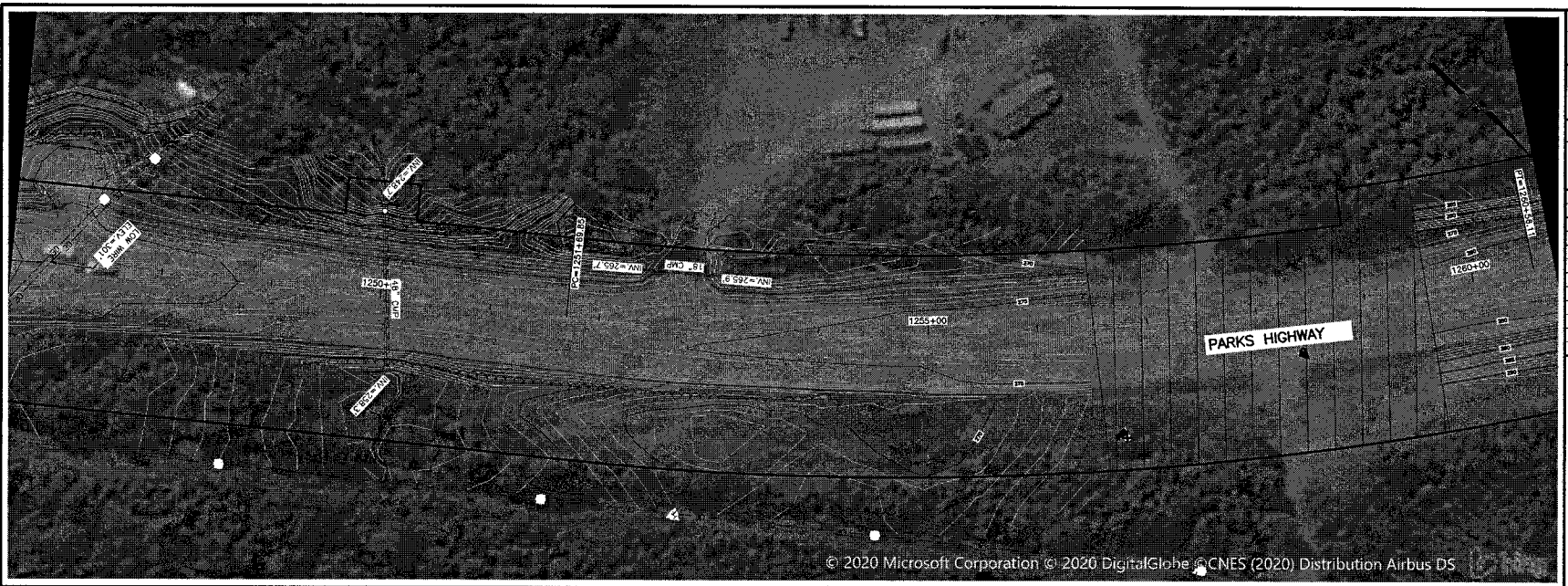
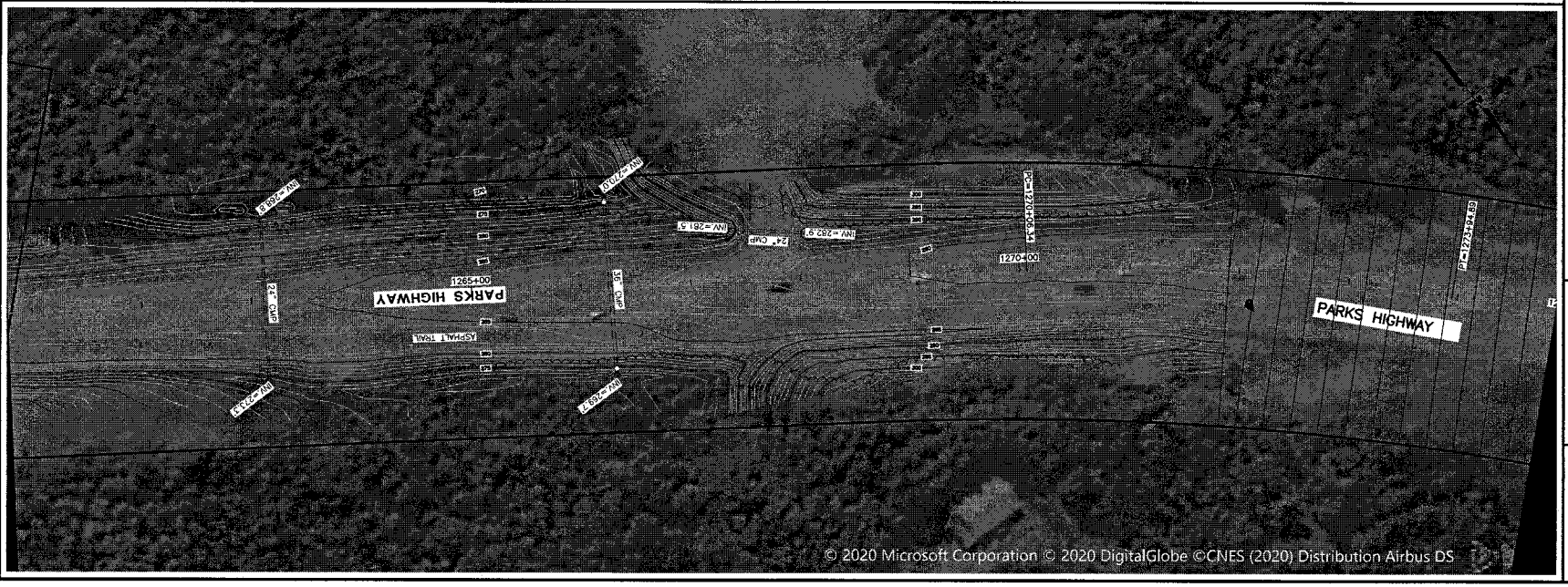




SHEET NO.	TOTAL SHEETS
17	28
STATE	YEAR
ALASKA	2020

PROJECT DESIGNATION

CFHWY00076

NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

PARKS HIGHWAY
HOUSTON TO WILLOW

SURVEY AREAS

DATE	TIME	SCALE	DESIGNED BY	DLP
6/10/2020	4:22 PM	1" = 50'	DRAWN BY	DLP
			CHECKED BY	DLP

DRAWING LOCATION
C:\USERS\DLPETERSON\ONEDRIVE - STATE OF ALASKA\00076 SURVEY_REQ_W_COORD.DWG

SHEET NO.	TOTAL SHEETS
18	28
STATE	YEAR
ALASKA	2020

PROJECT DESIGNATION

CFHWY00076

NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

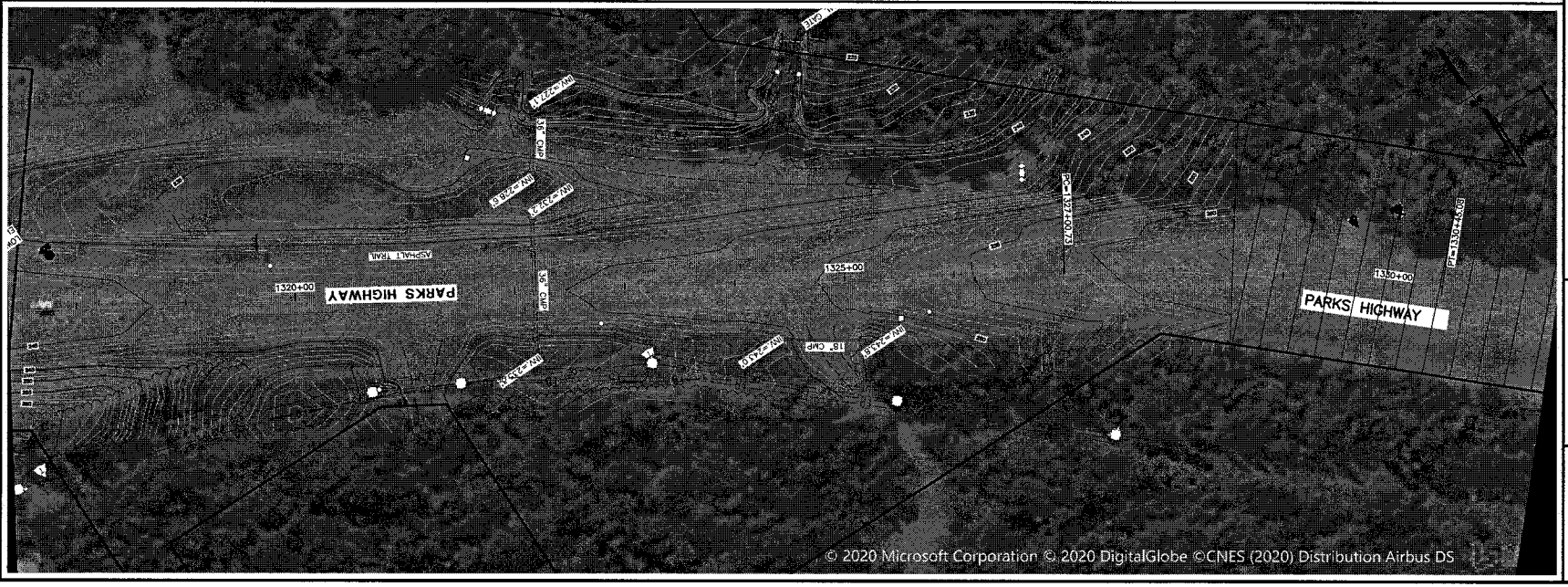
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

PARKS HIGHWAY
HOUSTON TO WILLOW

SURVEY AREAS

DATE	TIME	SCALE	DESIGNED BY	D.J.P.
6/10/2020	4:22 PM	1" = 50'	CHECKED BY	D.J.P.
			DRAWN BY	D.J.P.

DRAWING LOCATION
C:\USERS\DJPETERSON\ONEDRIVE - STATE OF ALASKA\00076 SURVEY_REQ_W_COORD.DWG



SHEET NO.	TOTAL SHEETS
19	28
STATE	YEAR
ALASKA	2020

PROJECT DESIGNATION

CFHWY00076

NO.	REVISION
DATE	
NO.	REVISION
DATE	
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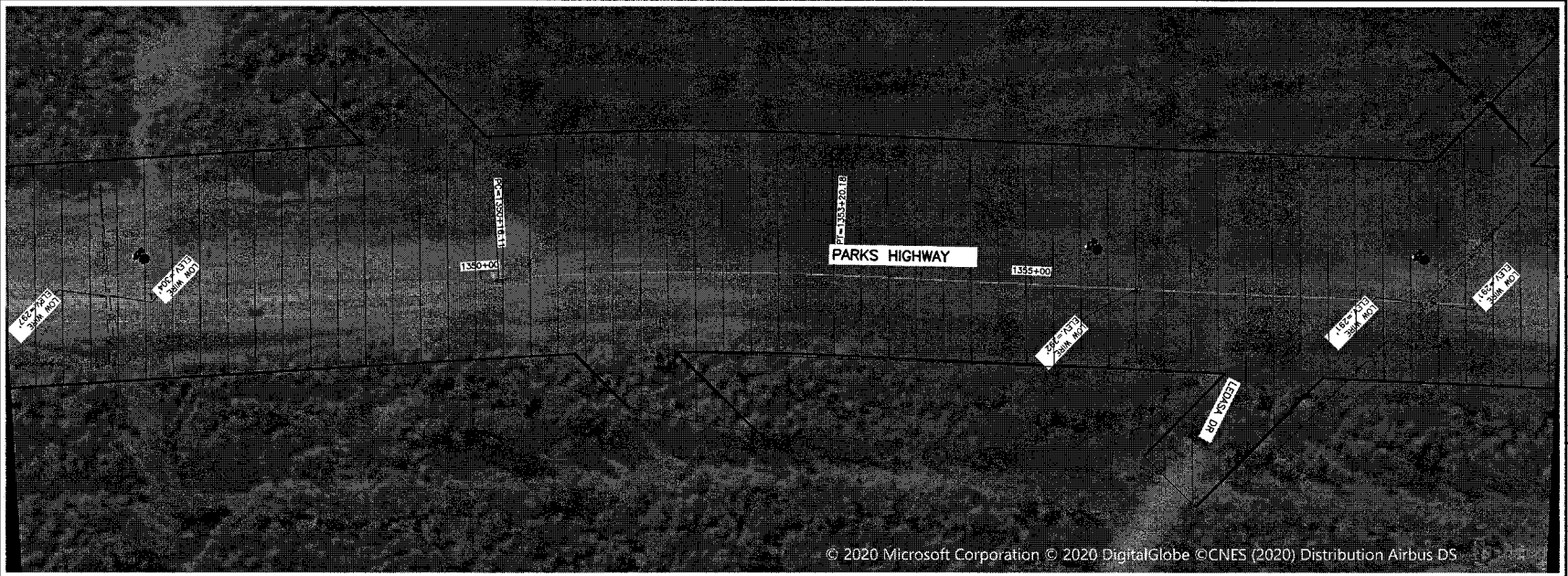
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

PARKS HIGHWAY
HOUSTON TO WILLOW

SURVEY AREAS

DRAWING LOCATION
C:\USERS\DLPETERSON\ONEDRIVE - STATE OF ALASKA\00076 SURVEY_REQ_W_COORD.DWG

DATE 6/10/2020 TIME 4:22 PM
SCALE 1" = 50'
DESIGNED BY DLP
CHECKED BY ALH
DRAFTED BY DLP



SHEET NO.	TOTAL SHEETS
20	28
STATE	YEAR
ALASKA	2020

PROJECT DESIGNATION

CFHWY00076

NO.	REVISION
DATE	
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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

PARKS HIGHWAY
HOUSTON TO WILLOW

SURVEY AREAS

DATE	TIME	SCALE	DESIGNED BY	D.L.P.
6/10/2020	4:22 PM	1" = 50'	CHECKED BY	C.L.P.
			DRAWN BY	C.L.P.

DRAWING LOCATION
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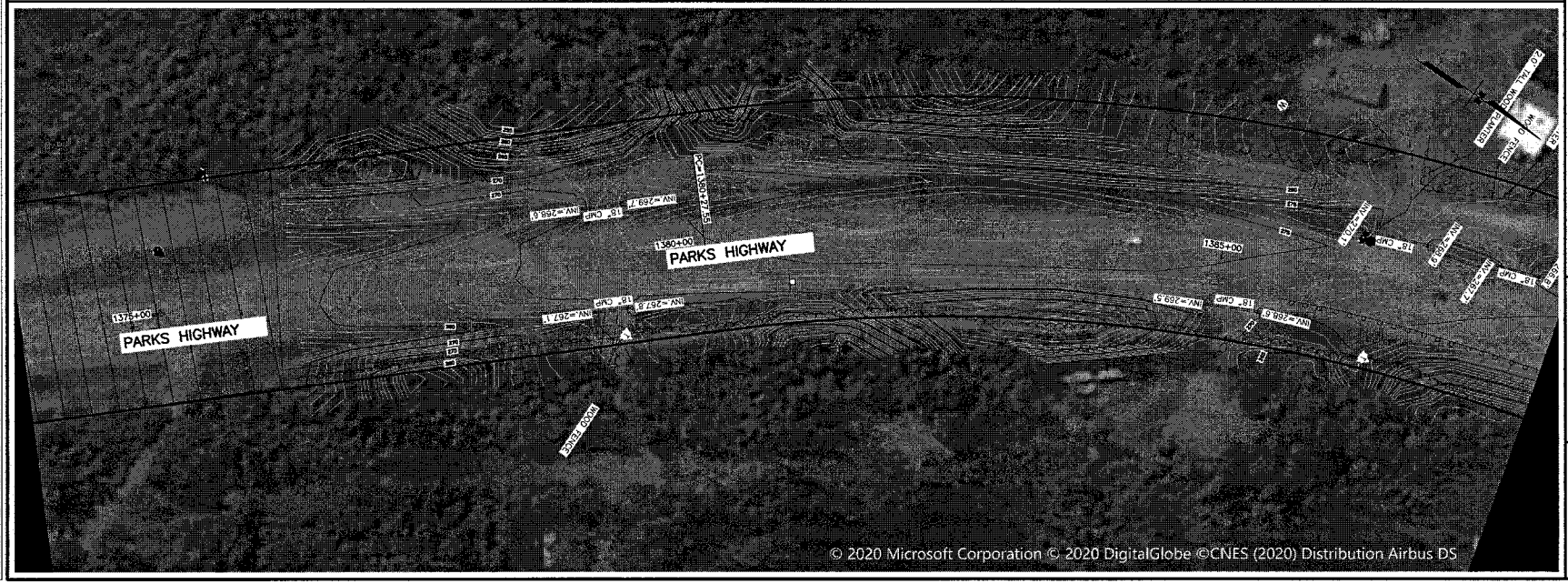

SHEET NO.	TOTAL SHEETS
21	28
STATE	YEAR
ALASKA	2020

PROJECT DESIGNATION

CFHWY00076

NO.	REVISION
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NO.	REVISION
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DATE	

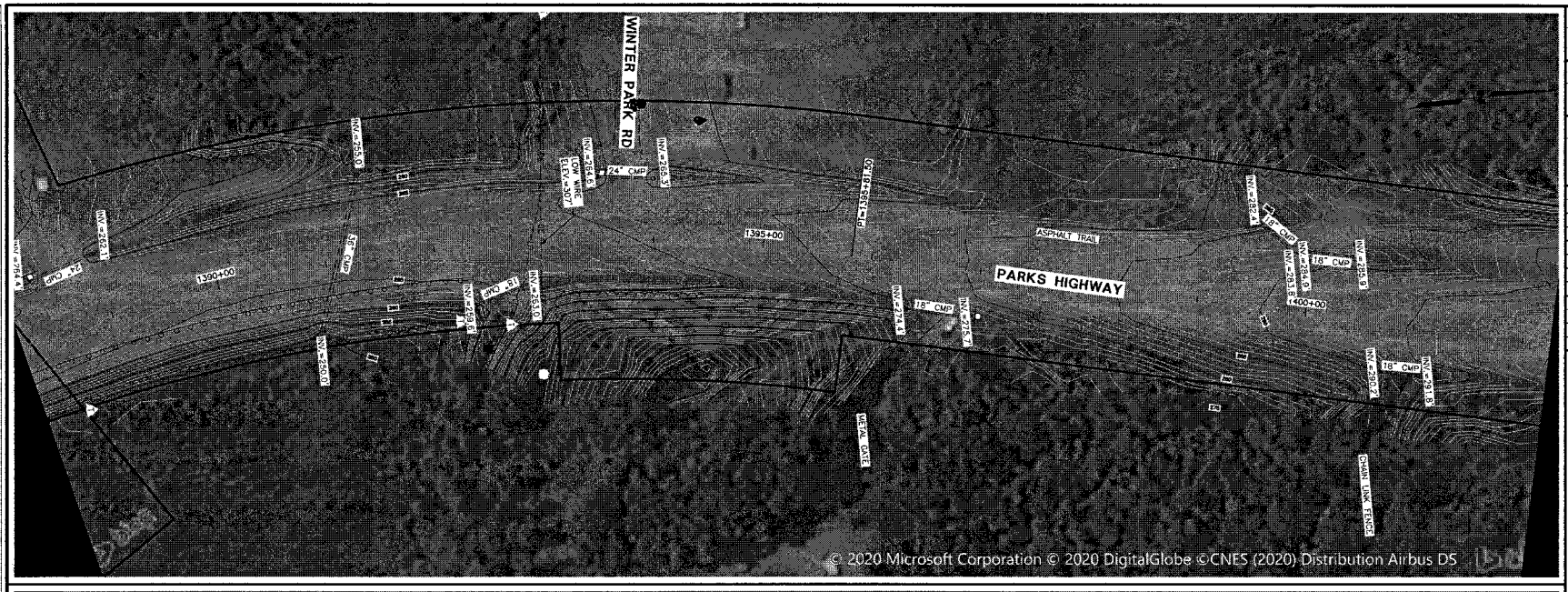
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

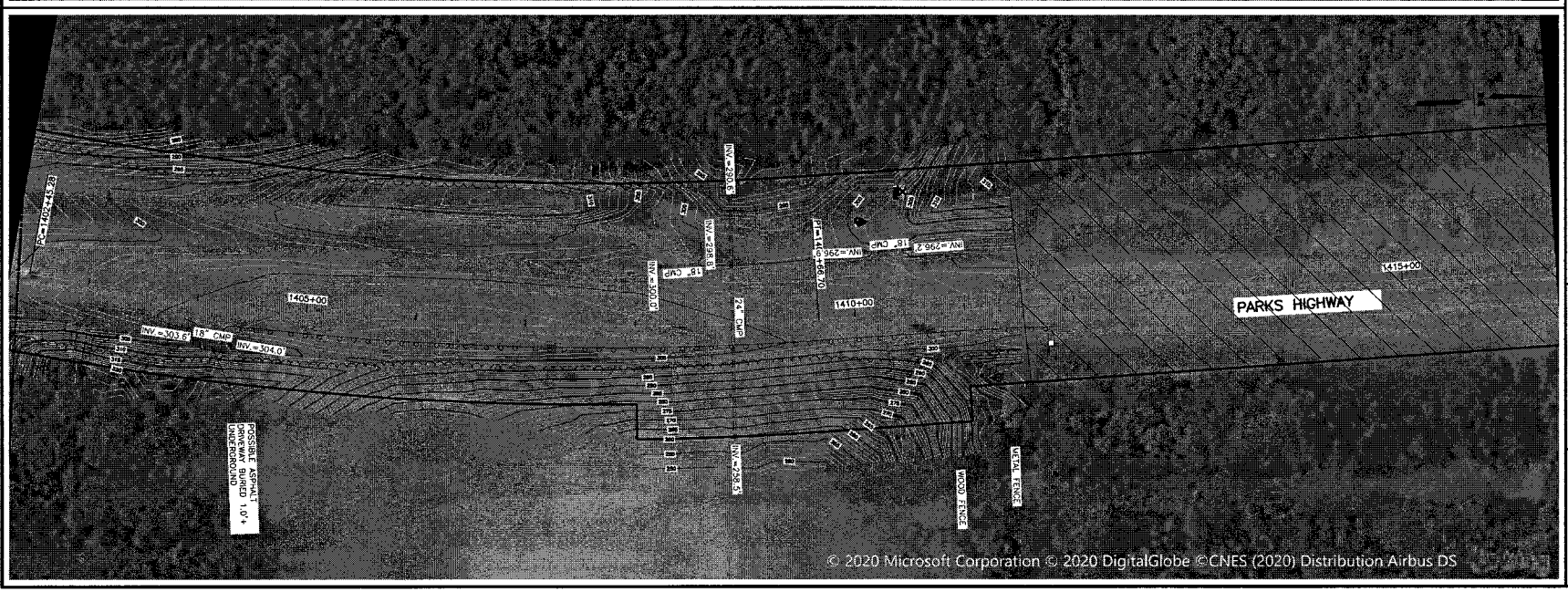
PARKS HIGHWAY
HOUSTON TO WILLOW

SURVEY AREAS

DRAWING LOCATION
C:\USERS\DLPETERSON\ONEDRIVE - STATE OF ALASKA\00076 SURVEY_REQ_W_COORD.DWG

DATE 6/10/2020 TIME 4:22 PM
SCALE 1" = 50'
DESIGNED BY DLP
CHECKED BY ALH
DRAFTED BY DLP





SHEET NO.	TOTAL SHEETS
22	28
STATE	YEAR
ALASKA	2020

PROJECT DESIGNATION

CFHWY00076

NO.	REVISION
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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

PARKS HIGHWAY
HOUSTON TO WILLOW

SURVEY AREAS

DRAWING LOCATION
C:\USERS\DLPETERSON\ONEDRIVE - STATE OF ALASKA\00076 SURVEY_REQ_W_COORD.DWG

DATE 6/10/2020 TIME 4:22 PM
SCALE 1" = 50'
DESIGNED BY DLP
CHECKED BY NH
DRAFTED BY DLP

SHEET NO.	TOTAL SHEETS
23	28
STATE	YEAR
ALASKA	2020

PROJECT DESIGNATION

CFHWY00076

NO.	REVISION
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NO.	REVISION
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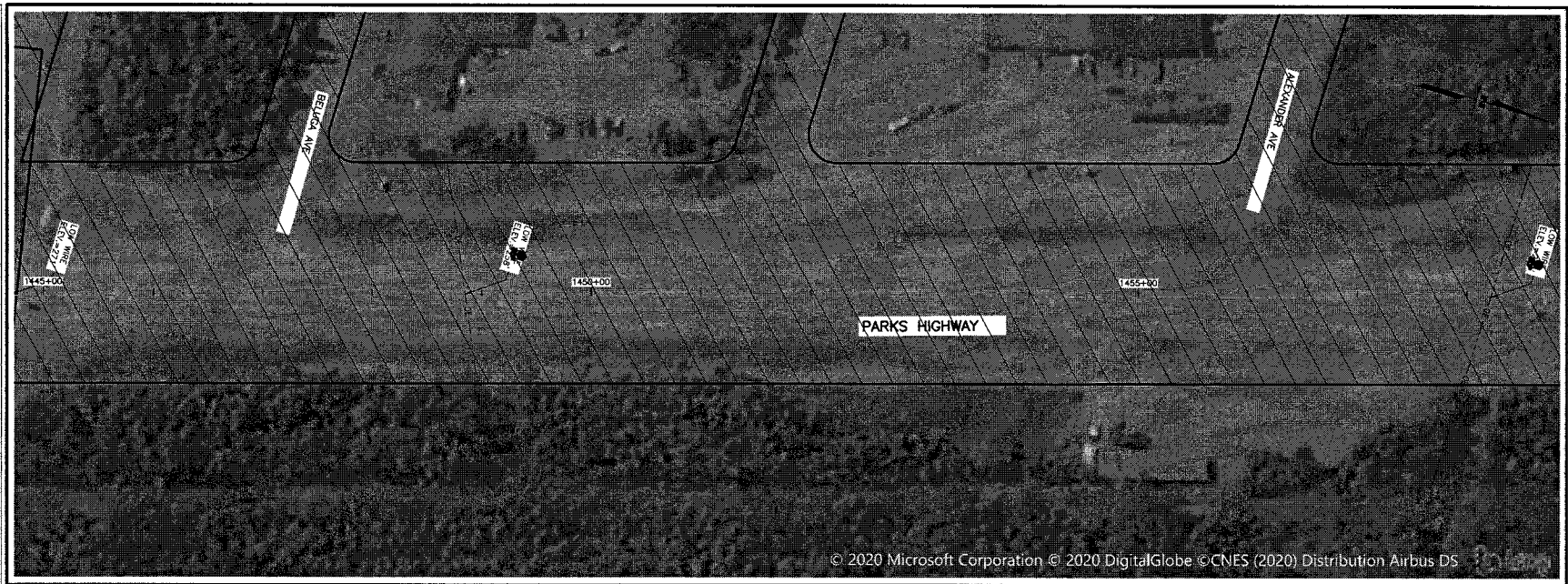
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

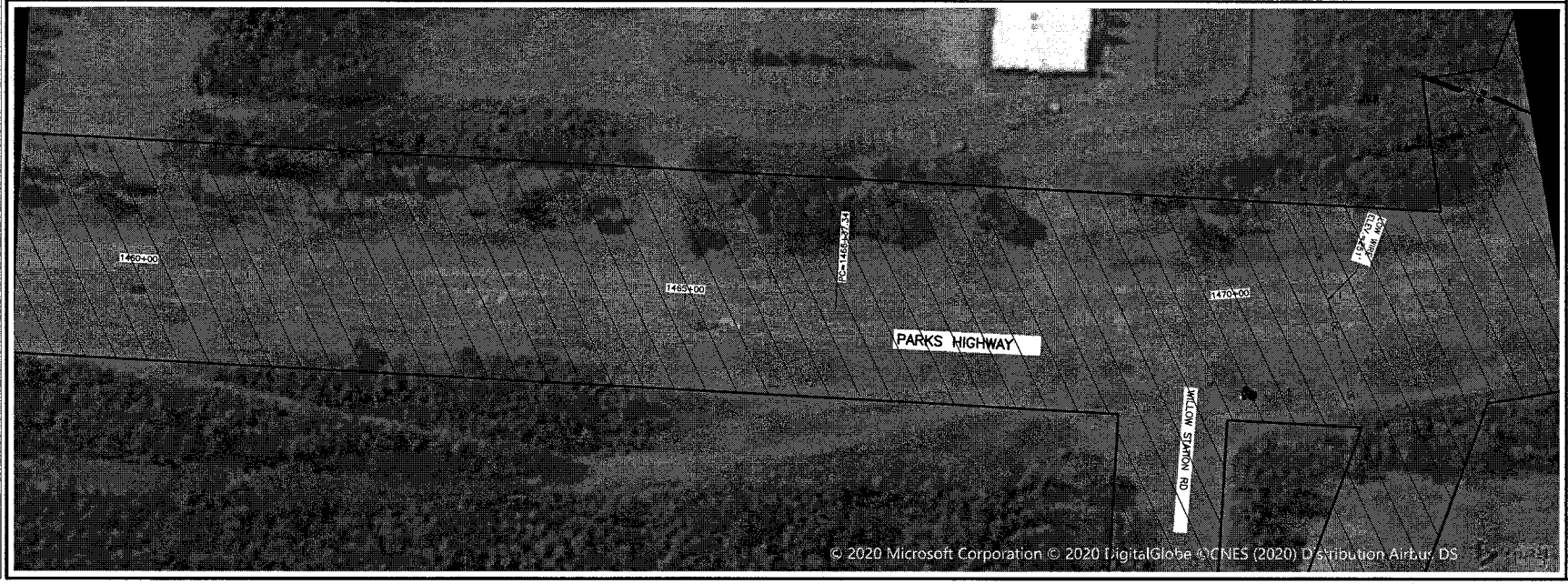
PARKS HIGHWAY
HOUSTON TO WILLOW

SURVEY AREAS

DRAWING LOCATION
C:\USERS\D.PETERSON\ONEDRIVE - STATE OF ALASKA\00076 SURVEY_REQ_W_COORD.DWG

DATE 6/10/2020 TIME 4:22 PM SCALE 1" = 50' DESIGNED BY CHECKED BY DRAWN BY





SHEET NO.	TOTAL SHEETS
24	28
STATE	YEAR
ALASKA	2020

PROJECT DESIGNATION

CFHWY00076

NO.	REVISION
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NO.	REVISION
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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

PARKS HIGHWAY
HOUSTON TO WILLOW

SURVEY AREAS

DATE	TIME	SCALE	DESIGNED BY	DRAWN BY
6/10/2020	4:23 PM	1" = 50'	CHECKED BY	DRAWN BY

DRAWING LOCATION
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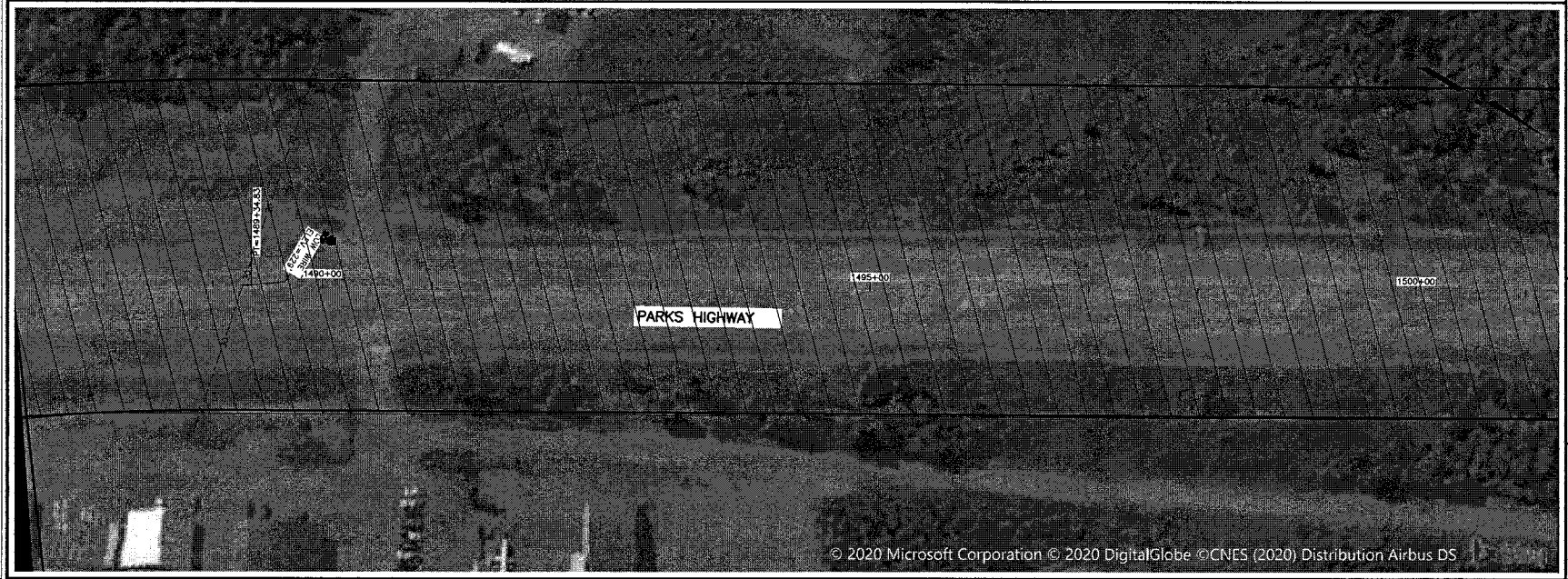

SHEET NO.	TOTAL SHEETS
25	28
STATE	YEAR
ALASKA	2020

PROJECT DESIGNATION

CFHWY00076

NO.	REVISION
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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

PARKS HIGHWAY
HOUSTON TO WILLOW

SURVEY AREAS

DATE	TIME	SCALE	DESIGNED BF	DUP
6/10/2020	4:23 PM	1" = 50'	CHECKED BF	AJH
			DRAFTED BF	DJP

DRAWING LOCATION
C:\USERS\DJPETERSON\ONEDRIVE - STATE OF ALASKA\00076 SURVEY_REQ_W_COORD.DWG

SHEET NO.	TOTAL SHEETS
26	28
STATE	YEAR
ALASKA	2020

PROJECT DESIGNATION

CFHWY00076

NO.	REVISION
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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

PARKS HIGHWAY
HOUSTON TO WILLOW

SURVEY AREAS

DATE	TIME	SCALE	DESIGNED BY	DLJ
6/10/2020	4:23 PM	1" = 50'	CHECKED BY	AJH
			DRAFTED BY	DLJ

DRAWING LOCATION
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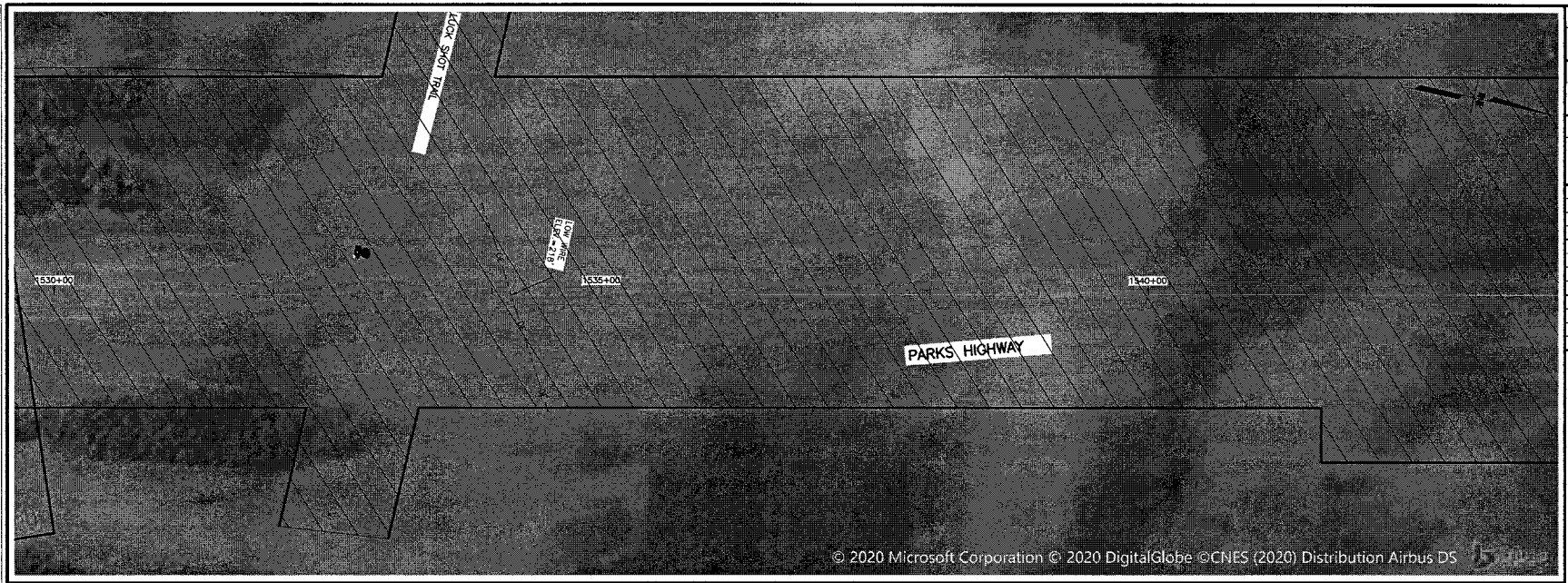

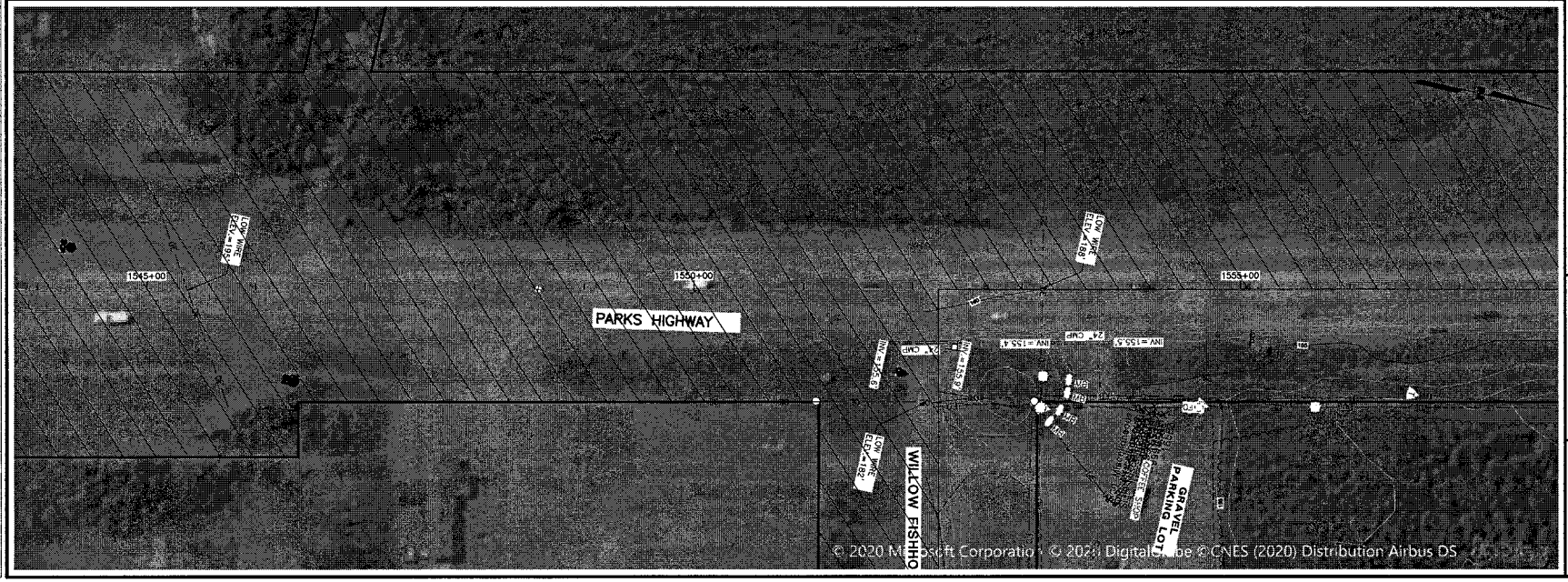

SHEET NO.	TOTAL SHEETS
27	28
STATE	YEAR
ALASKA	2020

PROJECT DESIGNATION

CFHWY00076

NO.	REVISION
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NO.	REVISION
DATE	

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

PARKS HIGHWAY
HOUSTON TO WILLOW

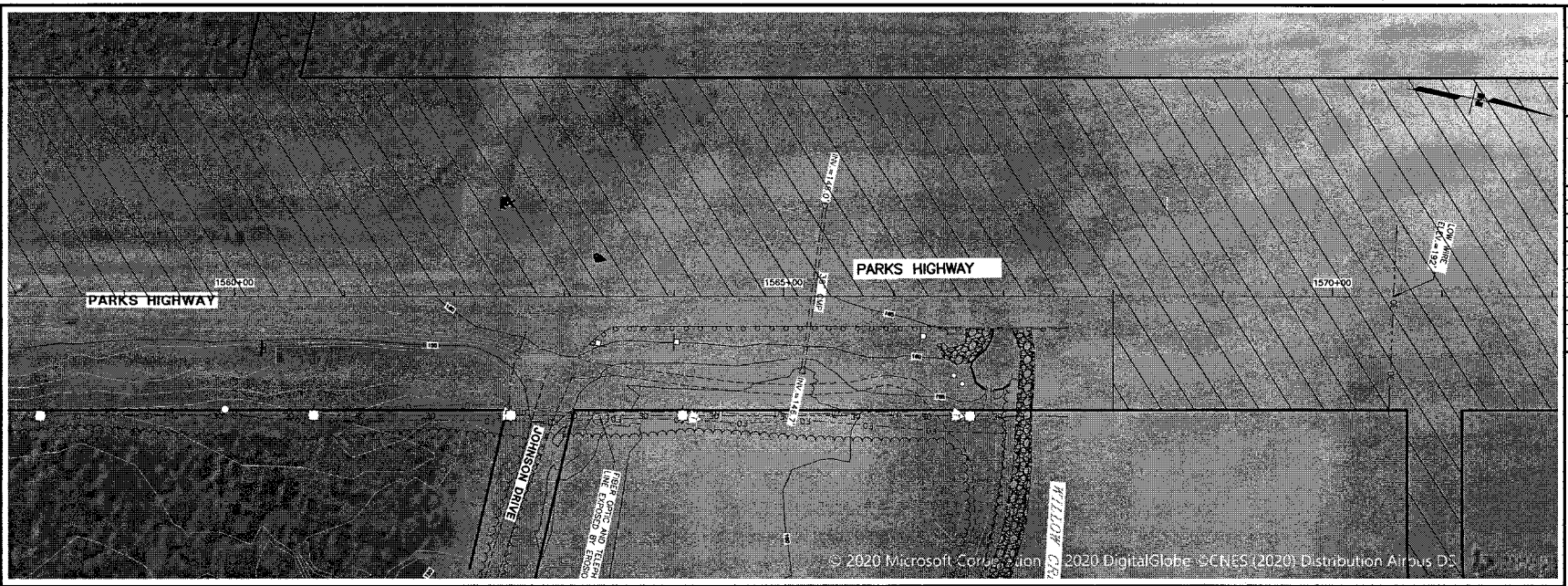
SURVEY AREAS

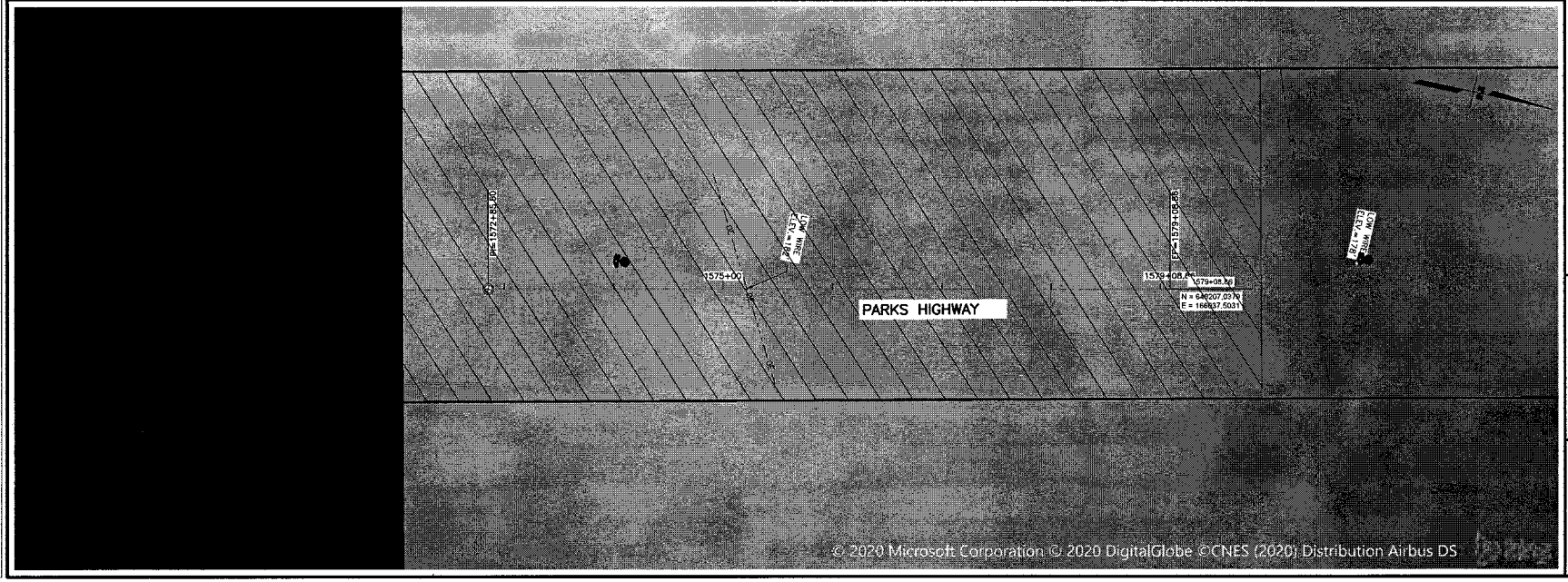
DESIGNED BY DLP
CHECKED BY ALH
DRAFTED BY DLP

SCALE 1" = 50'

DATE 6/10/2020
TIME 4:23 PM

DRAWING LOCATION
C:\USERS\DLPETERSON\ONEDRIVE - STATE OF ALASKA\00076 SURVEY_REQ_W_COORD.DWG





SHEET NO.	TOTAL SHEETS
28	28
STATE	YEAR
ALASKA	2020

PROJECT DESIGNATION

CFHWY00076

NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

PARKS HIGHWAY
HOUSTON TO WILLOW

SURVEY AREAS

DRAWING LOCATION	DATE	TIME	SCALE	DESIGNED BY	DLP
C:\USERS\DLPETERSON\ONEDRIVE - STATE OF ALASKA\00076 SURVEY- REQ_W_COORD.DWG	6/10/2020	4:23 PM	1" = 50'	CHECKED BY	DLP
				DRAWN BY	DLP

LEGEND

- PRIMARY CENTERLINE MONUMENT
- GPS CONTROL POINT
- CONTROL POINT
- TEMPORARY BENCH MARK
- (57) MILE POST
- (#) SURVEY POINT NUMBER

HORIZONTAL CONTROL STATEMENT

COORDINATE SYSTEM:
THIS PROJECT IS LOCATED ENTIRELY WITHIN THE ANCHORAGE 2015 LOW DISTORTION PROJECTION (LDP) COORDINATE SYSTEM IN U.S. SURVEY FEET DEVELOPED BY THE ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES CENTRAL REGION SURVEY SECTION.

BASIS OF COORDINATES:
THE BASIS OF COORDINATES IS Z22A 1994, A FOUND 3-1/4" BRASS CAP IN ASPHALT, LOCATED APPROXIMATELY 85 FEET SOUTH OF WILLOW AIRPORT RUNWAY AND 75 FEET WEST OF THE TAXIWAY. SAID STATION HAS ANCHORAGE 2015 COORDINATES OF 643240.9404 NORTH, 168722.7043 EAST, U.S. SURVEY FEET.

ANCHORAGE 2015 LDP DEFINITION:
LINEAR UNIT: U.S. SURVEY FEET
DATUM: NAD 83(2011) EPOCH 2010.00
ELLIPSOID: GRS 80
PROJECTION: TRAVERSE MERCATOR
LATITUDE OF ORIGIN: 61°30'00" N
CENTRAL MERIDIAN: 149°35'00" W
FALSE NORTHING: 550,000.0'
FALSE EASTING: 250,000.0'
GRID SCALE FACTOR: 1.000013 (EXACT)

MONUMENT DETAILS

POINTS 1-2

SET 2" ALCAP ON 5/8"x30" REBAR, 0.1' BELOW GROUND

POINT 551

FOUND 2" ALUMINUM CAP, 0.05' BELOW ASPHALT

POINT 701

FOUND 2-1/2" ALUMINUM MONUMENT, IN CASE, 0.3' BELOW RIM

VERTICAL CONTROL				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
601	595463	212286	246.89	Set Spike: TBM 601 11" Spruce

VERTICAL CONTROL STATEMENT

THE VERTICAL DATUM FOR THIS PROJECT IS MEAN SEA LEVEL, NGVD 1929, AS DETERMINED BY A SERIES OF DIFFERENTIAL LEVEL LOOPS PERFORMED BY HDL ENGINEERING CONSULTANTS, LLC FROM USC&GS BENCH MARKS R103 1965, A STANDARD BRASS CAP SET ON THE TOP OF DRIVE ROD 0.3 FEET BELOW GROUND HAVING AN ELEVATION OF 287.26 FEET, X 103 1965, A STANDARD BRASS CAP SET ON THE TOP OF DRIVE ROD 0.3 FEET BELOW GROUND HAVING AN ELEVATION OF 261.09 FEET, AND E 104 1965, A STANDARD BRASS CAP ON DRIVE ROD 0.4 FEET BELOW THE TOP OF AN IRON CASE HAVING AN ELEVATION OF 161.99 FEET. ELEVATIONS OF SAID BENCH MARKS ARE SHOWN ON THE SURVEY CONTROL SHEETS FOR PROJECT IM-0A4-1(14) PARKS HIGHWAY MP 57-67 HOUSTON TO WHITE'S CROSSING (2000) AND PROJECT IM-0A4-1(15)/52320 PARKS HIGHWAY MP 67-72 WHITE'S CROSSING TO WILLOW (2002), CONVERTED TO U.S. SURVEY FEET.

ELEVATIONS ON ALL OTHER CONTROL WAS ESTABLISHED USING DIFFERENTIAL LEVELING TECHNIQUES. A LECIA DNA10 DIGITAL LEVEL WAS USED FOR ALL LEVELING ON THIS PROJECT. THE DATA WAS PROCESSED IN LEICA GEO OFFICE VERSION 8.4.0.0. ALL OF THE LEVEL LOOPS CLOSED WITHIN THIRD-ORDER TOLERANCES PER FEDERAL GEODETIC CONTROL COMMITTEE STANDARDS AND SPECIFICATIONS FOR GEODETIC CONTROL NETWORKS.

300 0 150 300 600
U.S. SURVEY FEET

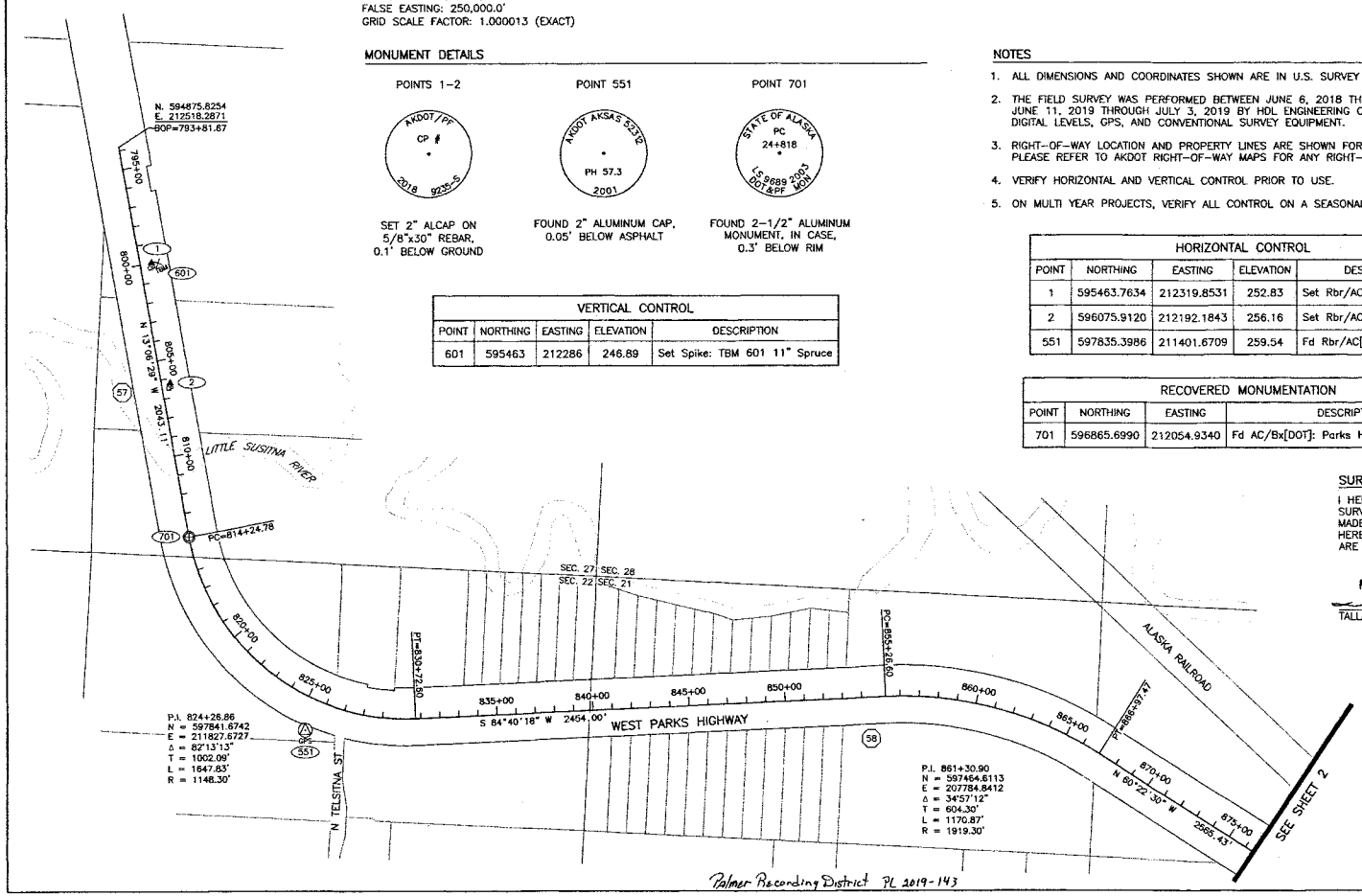
NOTES

1. ALL DIMENSIONS AND COORDINATES SHOWN ARE IN U.S. SURVEY FEET UNLESS OTHERWISE NOTED.
2. THE FIELD SURVEY WAS PERFORMED BETWEEN JUNE 6, 2018 THROUGH OCTOBER 21, 2018 AND JUNE 11, 2019 THROUGH JULY 3, 2019 BY HDL ENGINEERING CONSULTANTS, LLC USING LEICA DIGITAL LEVELS, GPS, AND CONVENTIONAL SURVEY EQUIPMENT.
3. RIGHT-OF-WAY LOCATION AND PROPERTY LINES ARE SHOWN FOR ORIENTATION PURPOSES ONLY. PLEASE REFER TO AKDOT RIGHT-OF-WAY MAPS FOR ANY RIGHT-OF-WAY INFORMATION.
4. VERIFY HORIZONTAL AND VERTICAL CONTROL PRIOR TO USE.
5. ON MULTI YEAR PROJECTS, VERIFY ALL CONTROL ON A SEASONAL BASIS.

HORIZONTAL CONTROL				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	595463.7634	212319.8531	252.83	Set Rbr/AC[9235-S]: CP 1
2	596075.9120	212192.1843	256.16	Set Rbr/AC[9235-S]: CP 2
551	597835.3986	211401.6709	259.54	Fd Rbr/AC[DOT]: PH 57.3

RECOVERED MONUMENTATION			
POINT	NORTHING	EASTING	DESCRIPTION
701	596865.6990	212054.9340	Fd AC/Bx[DOT]: Parks Highway PC 24+818

EXHIBIT C



SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY THAT I AM PROPERLY REGISTERED AND LICENSED TO PRACTICE LAND SURVEYING IN THE STATE OF ALASKA, AND THAT THIS DRAWING REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECT SUPERVISION, AND THAT THE MONUMENTS SHOWN HEREON ACTUALLY EXIST AS DESCRIBED, AND THAT ALL DIMENSIONS AND OTHER DETAILS ARE CORRECT TO THE EXTENT SHOWN HEREON.

TALLAK D. MAAKESTAD LS-9235 11/07/2019 DATE

RECORD OF SURVEY
THIS SURVEY DOES NOT CONSTITUTE A SUBDIVISION AS DETERMINED BY AS 40.15.900(5).
PALMER RECORDING DISTRICT
STATE BUSINESS NO FEE

STATE OF ALASKA
TALLAK D. MAAKESTAD
LS-9235
11/07/2019
PROFESSIONAL LAND SURVEYOR

PLANS DEVELOPED BY:
HDL ENGINEERING CONSULTANTS, LLC.
3335 ARCTIC BLVD. SUITE 100
ANCHORAGE, AK 99503
907-564-2120
REGISTRATION No. AECL 861

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

SURVEY CONTROL DIAGRAM

FEDERAL PROJECT NO. 0A41035

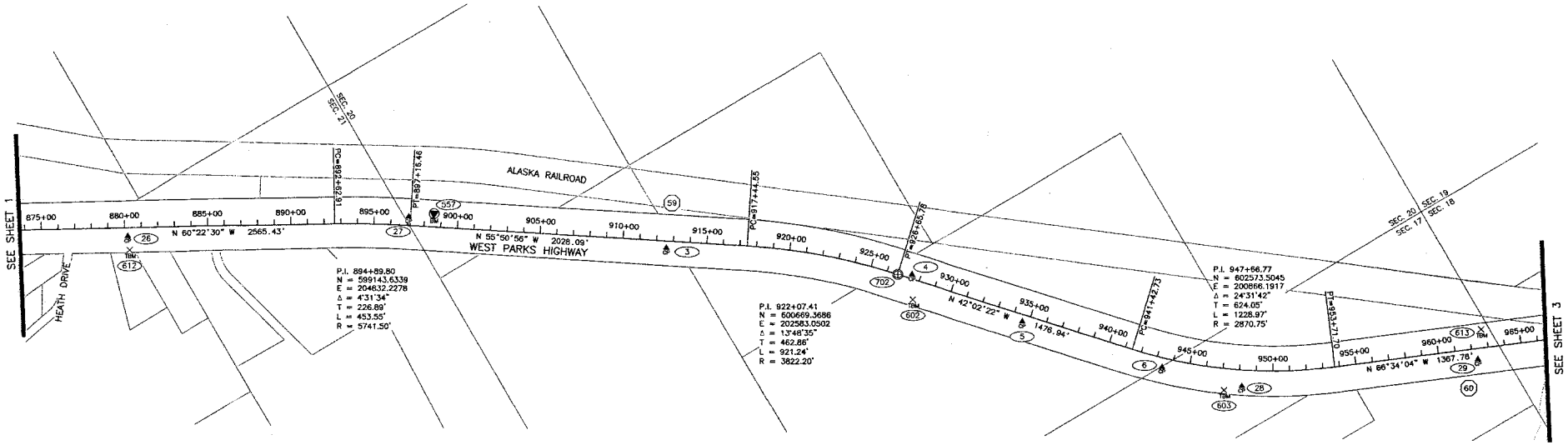
CFHWY00076

PARKS HIGHWAY: HOUSTON TO WILLOW

LOCATED WITHIN SECTIONS 17, 18, 20-22, 27, T18N, R3W; SECTIONS 2, 3, 11-13, T18N, R4W; & SECTIONS 6-8, 17, 20, 27-29 & 34, T19N, R4W; SEWARD MERIDIAN, STATE OF ALASKA

DRAWN	JJZ	DATE	OCT 2019	SCALE	1" = 300'
CHECKED	TDM	DATE	OCT 2019	SHEET	1 OF 9

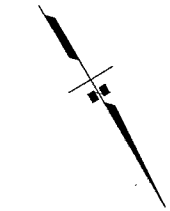
Palmer Recording District PL 2019-143



HORIZONTAL CONTROL				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
3	600170.8861	203389.8278	244.06	Set Rbr/AC[9235-S]: CP 3
4	601057.3665	202199.2365	268.46	Set Rbr/AC[9235-S]: CP 4
5	601629.2504	201771.6112	296.94	Set Rbr/AC[9235-S]: CP 5
6	602291.5466	201184.6999	308.55	Set Rbr/AC[9235-S]: CP 6
26	598460.7961	206135.7270	262.26	Set Rbr/AC[9235-S]: CP 26
27	599220.2664	204624.4840	293.22	Set Rbr/AC[9235-S]: CP 27
28	602634.5046	200831.2338	312.41	Set Rbr/AC[9235-S]: CP 28
29	603222.2022	199529.7706	277.91	Set Rbr/AC[9235-S]: CP 29

RECOVERED MONUMENTATION			
POINT	NORTHING	EASTING	DESCRIPTION
702	601013.4071	202273.3139	Fd AC/Bx[DOT]: Parks Highway PT 28+244

VERTICAL CONTROL				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
557	599282	204485	287.26	Fd BC/ROD[USC&GS]: R 103 1965
602	601187	202271	273.50	Set Spike: TBM 602 12" Birch
603	602601	200936	310.40	Set Spike: TBM 603 12" Birch
612	598536	206168	264.01	Set Spike: TBM 612 12" Birch
613	603079	199424	276.94	Set Spike: TBM 613 10" Birch



300 0 150 300 600

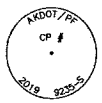
U.S. SURVEY FEET

MONUMENT DETAILS

POINTS 3–6

SET 2" ALCAP ON 5/8"x30" REBAR, 0.2' BELOW GROUND

POINTS 26–29



SET 2" ALCAP ON 5/8"x30" REBAR, 0.1' BELOW GROUND

POINT 557

FOUND 3-3/4" BRASS CAP MONUMENT, ON DRIVE ROD, 0.3' BELOW GROUND

POINT 702

FOUND 2-1/2" ALUMINUM MONUMENT, IN CASE, 0.4' BELOW RIM

LEGEND

- PRIMARY CENTERLINE MONUMENT
- BENCH MARK
- CONTROL POINT
- TEMPORARY BENCH MARK
- (57) MILE POST
- (##) SURVEY POINT NUMBER

NOTE

1. SEE SHEET 1 FOR NOTES AND CONTROL INFORMATION.

Palmer Recording District PR 2019-143

PLANS DEVELOPED BY:
HOL ENGINEERING CONSULTANTS, LLC.
3335 ARCTIC BLVD. SUITE 100
ANCHORAGE, AK 99503
907-564-2120
REGISTRATION No. AECL 851

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

SURVEY CONTROL DIAGRAM

FEDERAL PROJECT NO. 0A41035

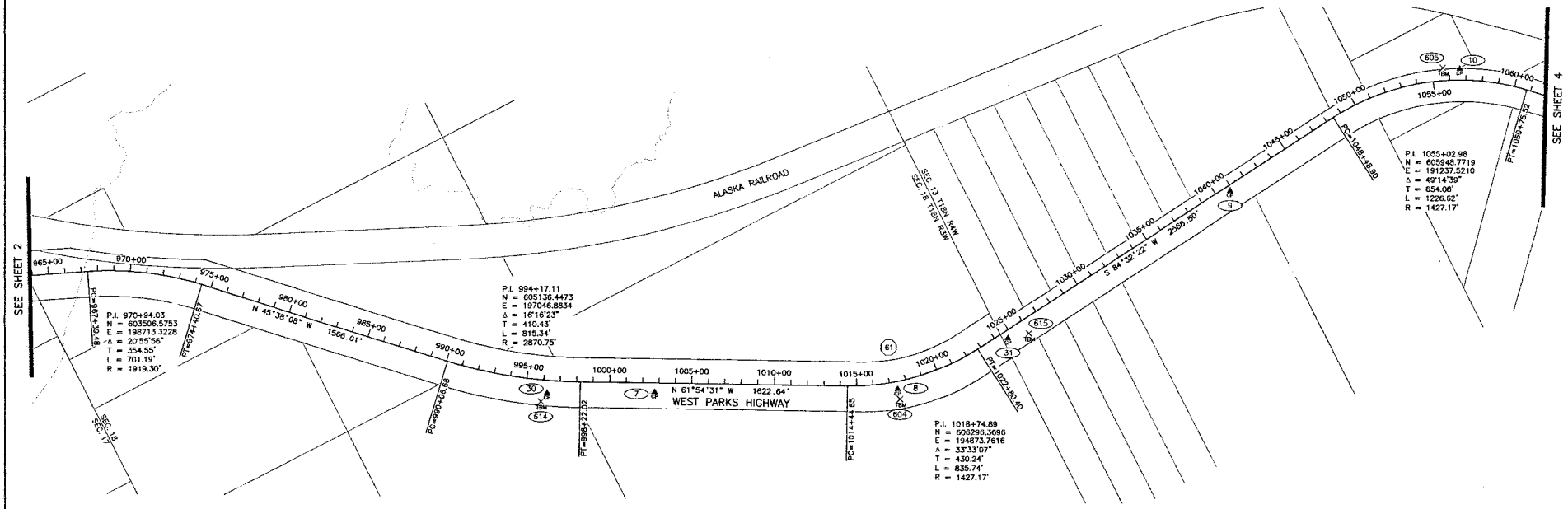
CFHWY00076

PARKS HIGHWAY: HOUSTON TO WILLOW

LOCATED WITHIN SECTIONS 17, 18, 20–22, 27, T18N, R3W; SECTIONS 2, 3, 11–13, T18N, R4W; & SECTIONS 6–8, 17, 20, 27–29 & 34, T19N, R4W; SEWARD MERIDIAN, STATE OF ALASKA

DRAWN	JJZ	DATE	OCT 2019	SCALE	1" = 300'
CHECKED	TDM	DATE	OCT 2019	SHEET	2 OF 9

RECORD OF SURVEY
THIS SURVEY DOES NOT CONSTITUTE A SUBDIVISION AS DETERMINED BY AS 40.15.900(5).
PALMER RECORDING DISTRICT
STATE BUSINESS NO FEE



HORIZONTAL CONTROL				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
7	605589.9647	196311.7176	285.94	Set Rbr/AC[9235-S]: CP 7
8	606249.4798	194990.2694	312.93	Set Rbr/AC[9235-S]: CP 8
9	606114.6506	192646.7411	291.42	Set Rbr/AC[9235-S]: CP 9
10	606102.4636	191070.5353	293.68	Set Rbr/AC[9235-S]: CP 10
30	605296.4931	196894.1790	312.38	Set Rbr/AC[9235-S]: CP 30
31	606279.8217	194251.9143	313.67	Set Rbr/AC[9235-S]: CP 31

VERTICAL CONTROL				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
604	606309	195005	319.24	Set Spike: TBM 604 14" Aspen
605	606049	191160	301.49	Set Spike: TBM 605 16" Spruce
614	605324	196951	312.39	Set Spike: TBM 614 13" Birch
615	606314	194126	322.39	Set Spike: TBM 615 14" Birch

300 0 150 300 600

U.S. SURVEY FEET

MONUMENT DETAILS

POINTS 7–10

SET 2" ALCAP ON 5/8"x30" REBAR, 0.2' BELOW GROUND

POINTS 30–31

SET 2" ALCAP ON 5/8"x30" REBAR, 0.2' BELOW GROUND

LEGEND

- CP — CONTROL POINT
- TBM — TEMPORARY BENCH MARK
- 57 — MILE POST
- ## — SURVEY POINT NUMBER

NOTE

1. SEE SHEET 1 FOR NOTES AND CONTROL INFORMATION.

Palmer Recording District R 2019-143

PLANS DEVELOPED BY:
HDL ENGINEERING CONSULTANTS, LLC.
3335 ARCTIC BLVD. SUITE 100
ANCHORAGE, AK 99503
907-564-2120
REGISTRATION No. AECL 861

RECORD OF SURVEY
THIS SURVEY DOES NOT CONSTITUTE A SUBDIVISION AS DETERMINED BY AS 40.15.900(5).
PALMER RECORDING DISTRICT
STATE BUSINESS NO FEE

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

SURVEY CONTROL DIAGRAM

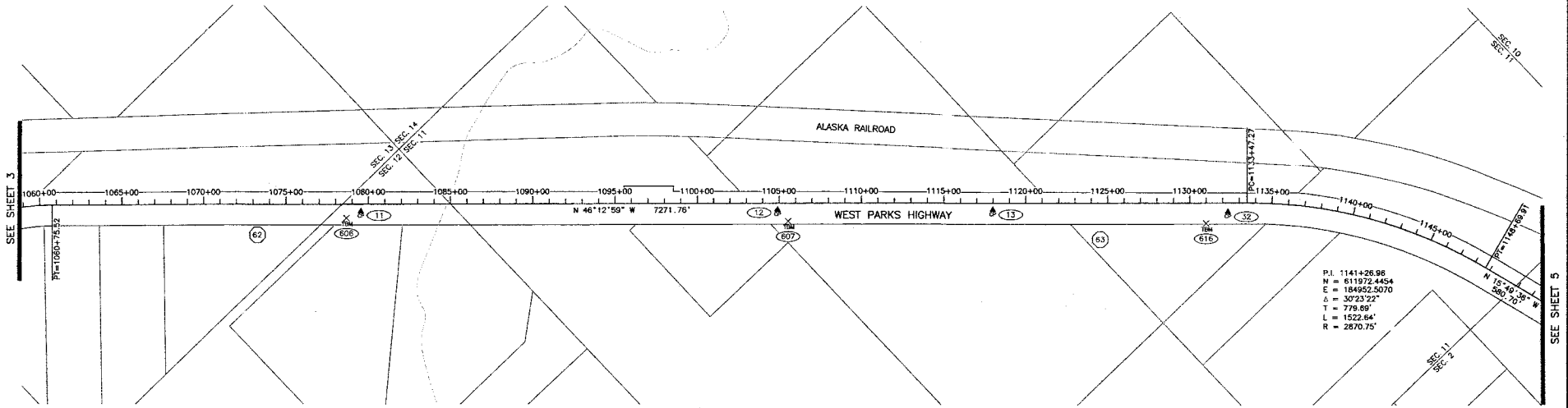
FEDERAL PROJECT NO. DA41035

CFHWY00076

PARKS HIGHWAY: HOUSTON TO WILLOW

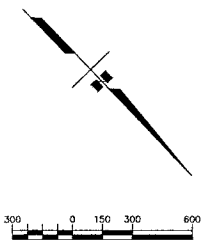
LOCATED WITHIN SECTIONS 17, 18, 20–22, 27, T18N, R3W; SECTIONS 2, 3, 11–13, T18N, R4W; & SECTIONS 6–8, 17, 20, 27–29 & 34, T19N, R4W; SEWARD MERIDIAN, STATE OF ALASKA

DRAWN	JJZ	DATE	OCT 2019	SCALE	1" = 300'
CHECKED	TDM	DATE	OCT 2019	SHEET	3 OF 9



HORIZONTAL CONTROL				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
11	607732.0084	189439.5519	307.64	Set Rbr/AC[9235-S]: CP 11
12	609484.5199	187605.5111	308.43	Set Rbr/AC[9235-S]: CP 12
13	610388.8681	186660.9258	283.09	Set Rbr/AC[9235-S]: CP 13
32	611391.1723	185636.0827	287.15	Set Rbr/AC[9235-S]: CP 32

VERTICAL CONTROL				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
606	607700	189531	314.21	Set Spike: TBM 606 13" Birch
607	609579	187607	313.77	Set Spike: TBM 607 14" Birch
616	611349	185780	294.82	Set Spike: TBM 616 14" Birch



MONUMENT DETAILS

POINTS 11-13

SET 2" ALCAP ON 5/8"x30" REBAR, 0.2' BELOW GROUND

POINT 32

SET 2" ALCAP ON 5/8"x30" REBAR, 0.3' BELOW GROUND

LEGEND

- CONTROL POINT
- TBM TEMPORARY BENCH MARK
- (57) MILE POST
- (##) SURVEY POINT NUMBER

NOTE

1. SEE SHEET 1 FOR NOTES AND CONTROL INFORMATION.

Palmer Recording District PC 2019-143

RECORD OF SURVEY
THIS SURVEY DOES NOT CONSTITUTE A SUBDIVISION AS DETERMINED BY AS 40.15.900(5).
PALMER RECORDING DISTRICT
STATE BUSINESS NO FEE

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

SURVEY CONTROL DIAGRAM

FEDERAL PROJECT NO. 0A41035

CFHWY00076

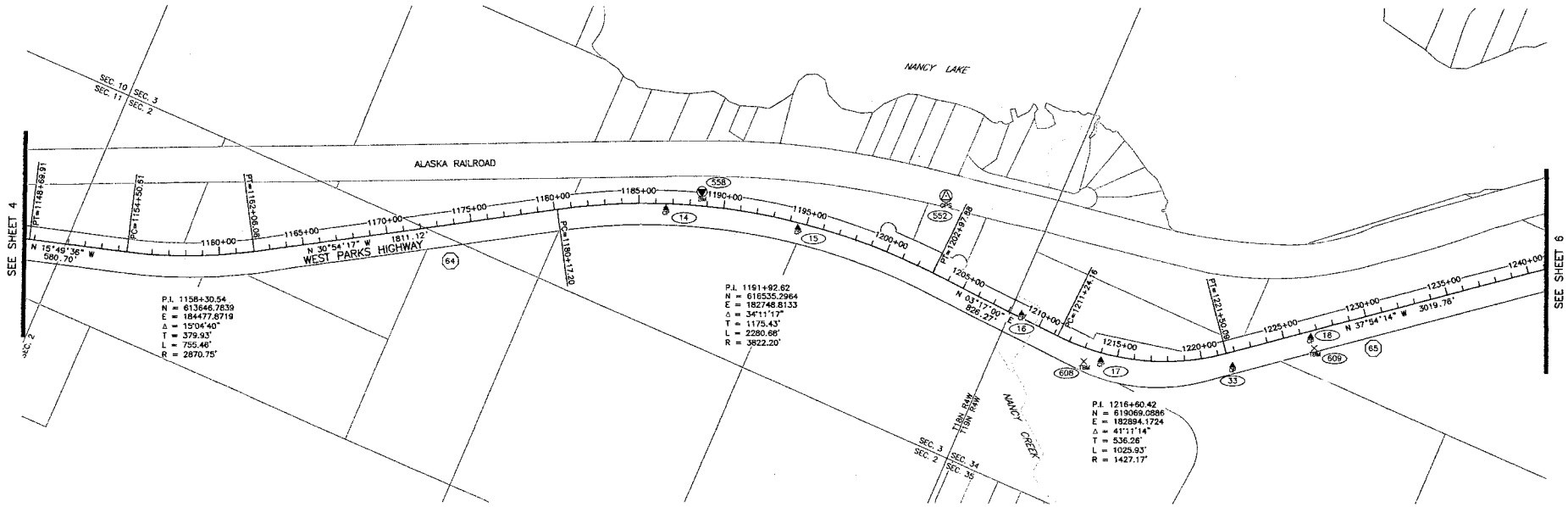
PARKS HIGHWAY: HOUSTON TO WILLOW

LOCATED WITHIN SECTIONS 17, 18, 20-22, 27, T18N, R3W; SECTIONS 2, 3, 11-13, T18N, R4W; & SECTIONS 6-8, 17, 20, 27-29 & 34, T19N, R4W; SEWARD MERIDIAN, STATE OF ALASKA

STATE OF ALASKA
49TH
TALLAH D. MARKESTAD
LS - 9230
REGISTERED PROFESSIONAL LAND SURVEYOR
11/04/2019

PLANS DEVELOPED BY:
HDL ENGINEERING CONSULTANTS, LLC.
3335 ARCTIC BLVD. SUITE 100
ANCHORAGE, AK 99503
907-564-2120
REGISTRATION No. AECL 861

DRAWN	JJZ	DATE	OCT 2019	SCALE	1" = 300'
CHECKED	TDM	DATE	OCT 2019	SHEET	4 OF 9



HORIZONTAL CONTROL				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
14	616112.5996	183094.0507	263.15	Set Rbr/AC[9235-S]: CP 14
15	616869.3093	182888.7691	265.62	Set Rbr/AC[9235-S]: CP 15
16	618285.3882	182826.1999	267.33	Set Rbr/AC[9235-S]: CP 16
17	618823.9668	182891.3150	285.80	Set Rbr/AC[9235-S]: CP 17
18	619910.3112	182278.0100	314.23	Set Rbr/AC[9235-S]: CP 18
33	619554.6521	182614.6586	323.47	Set Rbr/AC[9235-S]: CP 33
552	617605.3490	182373.2784	245.34	Fd Rbr/AC[DOT]: PH 64.5

VERTICAL CONTROL				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
558	616269	182922	261.09	Fd BC/ROD[USC&GS]: X 103 1965
608	618733	182939	283.11	Fd Spike: TBM NANCY 13" Birch
609	619957	182333	315.62	Set Spike: TBM 609 13" Birch

300 0 150 300 600

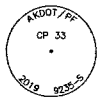
U.S. SURVEY FEET

MONUMENT DETAILS

POINTS 14–18

SET 2" ALCAP ON 5/8"x30" REBAR, 0.1' BELOW GROUND

POINT 33



SET 2" ALCAP ON 5/8"x30" REBAR, 0.2' BELOW GROUND

POINT 552

FOUND 2" ALCAP, FLUSH WITH GROUND

POINT 558

FOUND 3-3/4" BRASS CAP, ON DRIVE ROD, 0.3' BELOW GROUND

LEGEND

- GPS CONTROL POINT
- CONTROL POINT
- BENCH MARK
- TEMPORARY BENCH MARK
- (57) MILE POST
- (##) SURVEY POINT NUMBER

NOTE

1. SEE SHEET 1 FOR NOTES AND CONTROL INFORMATION.

Palmer Recording District PL 2019-143

STATE OF ALASKA
49TH
TALLAK R. MAGERSTAD
LS 9235
11/01/2019
REGISTERED PROFESSIONAL LAND SURVEYOR

PLANS DEVELOPED BY:
HDL ENGINEERING CONSULTANTS, LLC.
3335 ARCTIC BLVD. SUITE 100
ANCHORAGE, AK 99503
907-564-2120
REGISTRATION No. AECL 861

RECORD OF SURVEY

THIS SURVEY DOES NOT CONSTITUTE A SUBDIVISION AS DETERMINED BY AS 40.15.900(5).
PALMER RECORDING DISTRICT
STATE BUSINESS NO FEE

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

SURVEY CONTROL DIAGRAM

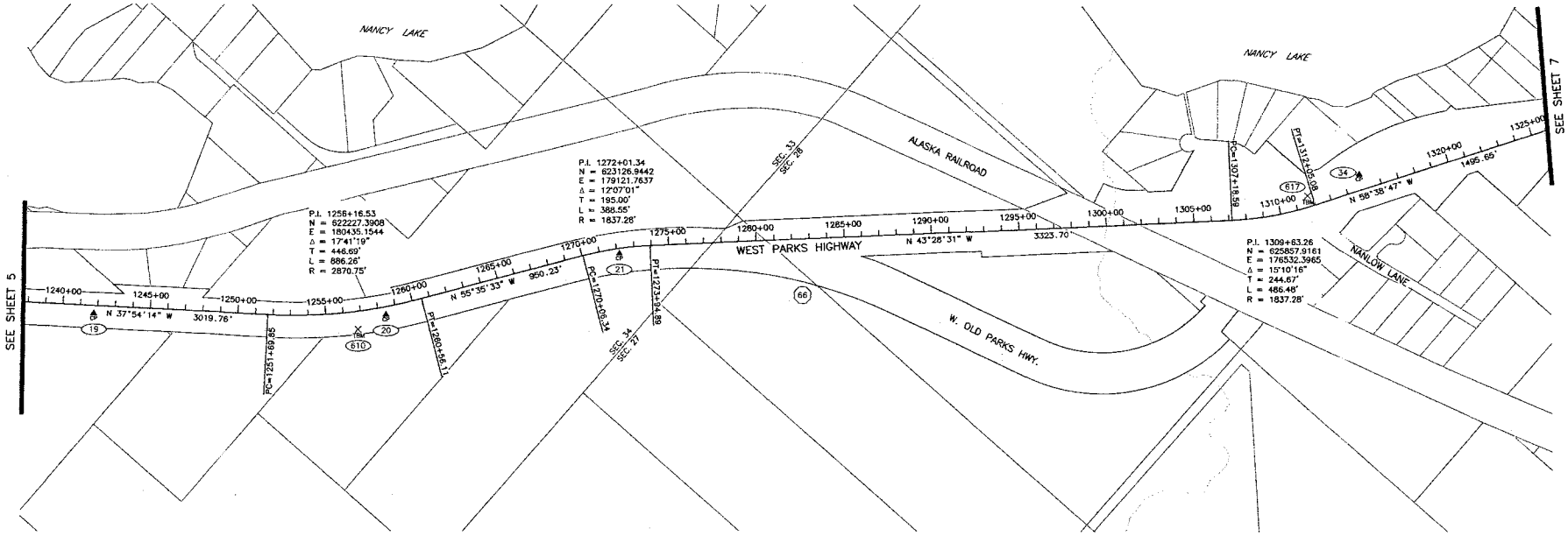
FEDERAL PROJECT NO. 0A41035

CFHWY00076

PARKS HIGHWAY: HOUSTON TO WILLOW

LOCATED WITHIN SECTIONS 17, 18, 20–22, 27, T18N, R3W; SECTIONS 2, 3, 11–13, T18N, R4W; & SECTIONS 6–8, 17, 20, 27–29 & 34, T19N, R4W; SEWARD MERIDIAN, STATE OF ALASKA

DRAWN	JJZ	DATE	OCT 2019	SCALE	1" = 300'
CHECKED	TDM	DATE	OCT 2019	SHEET	5 OF 9



HORIZONTAL CONTROL				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
19	621119.5303	181353.0324	296.12	Set Rbr/AC[9235-S]: CP 19
20	622385.1630	180267.1725	279.90	Set Rbr/AC[9235-S]: CP 20
21	623165.6190	179138.5049	288.31	Set Rbr/AC[9235-S]: CP 21
34	626060.8472	176031.2704	247.03	Set Rbr/AC[9235-S]: CP 34

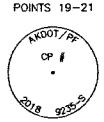
VERTICAL CONTROL				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
610	622319	180434	279.96	Set Spike: TBM 610 14" Birch
617	625918	176313	259.87	Set "X": TBM 617 Traffic Luminaire North Bolt

300 0 150 300 600

U.S. SURVEY FEET

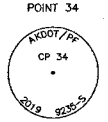
MONUMENT DETAILS

POINTS 19–21



SET 2" ALCAP ON 5/8"x30" REBAR, 0.2' BELOW GROUND

POINT 34



SET 2" ALCAP ON 5/8"x30" REBAR, 0.1' BELOW GROUND

LEGEND

- CONTROL POINT
- TEMPORARY BENCH MARK
- (57) MILE POST
- (##) SURVEY POINT NUMBER

NOTE

1. SEE SHEET 1 FOR NOTES AND CONTROL INFORMATION.

Palmer Recording District PL 2019-143

RECORD OF SURVEY
THIS SURVEY DOES NOT CONSTITUTE A SUBDIVISION AS DETERMINED BY AS 40.15.900(5).
PALMER RECORDING DISTRICT
STATE BUSINESS NO FEE

STATE OF ALASKA
TALLAH D. MANNESTAD
9235
11/07/2019
REGISTERED PROFESSIONAL LAND SURVEYOR

PLANS DEVELOPED BY:
HDL ENGINEERING CONSULTANTS, LLC.
3335 ARCTIC BLVD. SUITE 100
ANCHORAGE, AK 99503
907-564-2120
REGISTRATION No. AECL 861

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

SURVEY CONTROL DIAGRAM

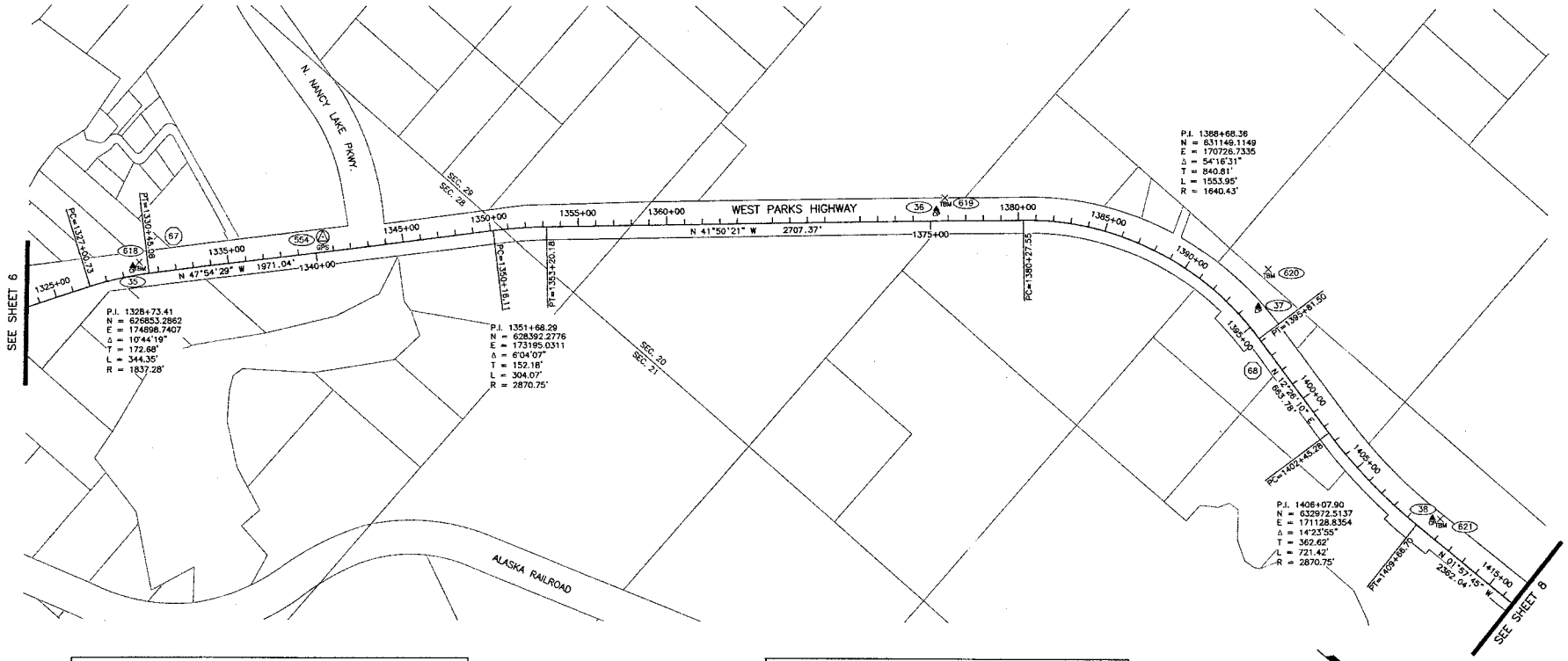
FEDERAL PROJECT NO. 0A41035

CFHWY00076

PARKS HIGHWAY: HOUSTON TO WILLOW

LOCATED WITHIN SECTIONS 17, 18, 20–22, 27, T18N, R3W; SECTIONS 2, 3, 11–13, T18N, R4W; & SECTIONS 6–8, 17, 20, 27–29 & 34, T19N, R4W; SEWARD MERIDIAN, STATE OF ALASKA

DRAWN	JJZ	DATE	OCT 2019	SCALE	1" = 300'
CHECKED	TDM	DATE	OCT 2019	SHEET	6 OF 9



HORIZONTAL CONTROL				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
35	626871.7625	174799.9880	267.20	Set Rbr/AC[9235-S]: CP 35
36	630111.8925	171568.6497	258.15	Set Rbr/AC[9235-S]: CP 36
37	631846.1131	170772.2755	274.20	Set Rbr/AC[9235-S]: CP 37
38	633378.4421	171029.7747	300.78	Set Rbr/AC[9235-S]: CP 38
554	627580.8093	173970.3894	———	Fd Rbr[DOT]: PH 67.1

VERTICAL CONTROL				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
618	626887	174761	270.50	Set Spike: TBM 618 15" Birch
619	630106	171489	259.34	Set Spike: TBM 619 11" Birch
620	631753	170579	270.02	Set Spike: TBM 620 11" Birch
621	633415	171004	303.91	Set Spike: TBM 621 15" Birch

300 0 150 300 600

U.S. SURVEY FEET

MONUMENT DETAILS

POINTS 35–38

SET 2" ALCAP ON
5/8"x30" REBAR,
0.2' BELOW GROUND

LEGEND

- GPS CONTROL POINT
- CONTROL POINT
- TEMPORARY BENCH MARK
- 57 MILE POST
- ## SURVEY POINT NUMBER

NOTE

1. SEE SHEET 1 FOR NOTES AND CONTROL INFORMATION.

Palmer Recording District PL 2019-143

RECORD OF SURVEY
THIS SURVEY DOES NOT CONSTITUTE A SUBDIVISION
AS DETERMINED BY AS 40.15.900(5).
PALMER RECORDING DISTRICT
STATE BUSINESS NO FEE

STATE OF ALASKA
TALLAH D. MARKESTAD
S-9235
11/07/2019
REGISTERED PROFESSIONAL LAND SURVEYOR

PLANS DEVELOPED BY:
HDL ENGINEERING CONSULTANTS, LLC.
3335 ARCTIC BLVD. SUITE 100
ANCHORAGE, AK 99503
907-564-2120
REGISTRATION No. AECL 861

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES

SURVEY CONTROL DIAGRAM

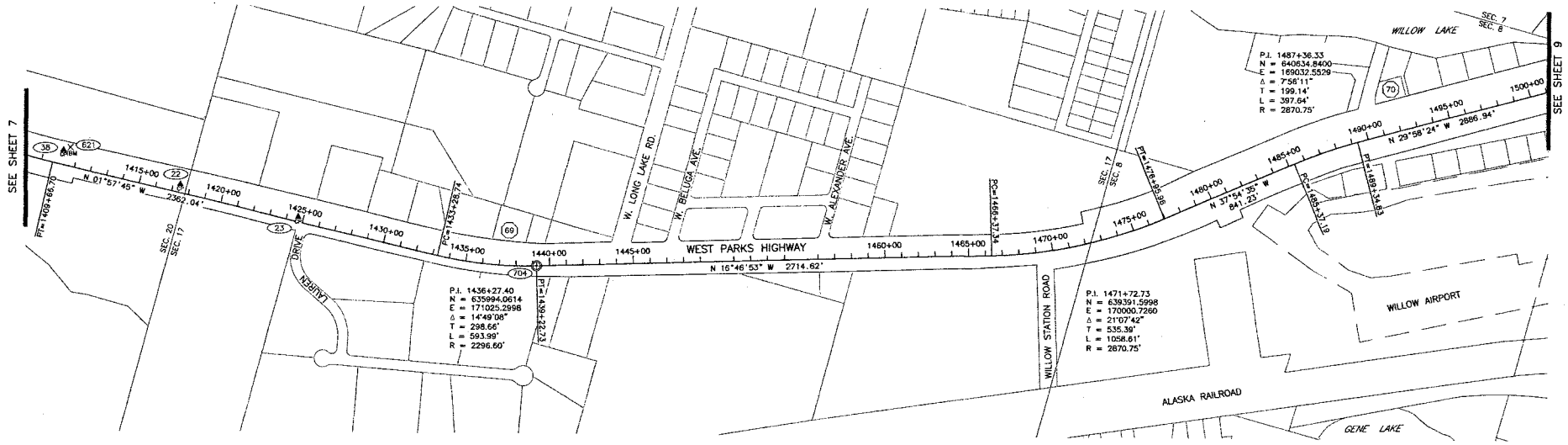
FEDERAL PROJECT NO. 0A41035

CFHWY00076

PARKS HIGHWAY: HOUSTON TO WILLOW

LOCATED WITHIN SECTIONS 17, 18, 20–22, 27, T18N, R3W;
SECTIONS 2, 3, 11–13, T18N, R4W; &
SECTIONS 6–8, 17, 20, 27–29 & 34, T19N, R4W;
SEWARD MERIDIAN, STATE OF ALASKA

DRAWN	JJZ	DATE	OCT 2019	SCALE	1" = 300'
CHECKED	TDM	DATE	OCT 2019	SHEET	7 OF 9



HORIZONTAL CONTROL				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
22	634106.0445	171039.4725	291.18	Set Rbr/AC[9235-S]: CP 22
23	634833.3823	171036.3457	295.29	Set Rbr/AC[9235-S]: CP 23
38	633378.4421	171029.7747	300.78	Set Rbr/AC[9235-S]: CP 38

RECOVERED MONUMENTATION			
POINT	NORTHING	EASTING	DESCRIPTION
704	636279.9346	170938.8102	Fd BC/Bx[DOT]: Parks Highway PT 43+867

VERTICAL CONTROL				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
621	633415	171004	303.91	Set Spike: TBM 621 15" Birch

300 0 150 300 600

U.S. SURVEY FEET

MONUMENT DETAILS

POINTS 22–23

SET 2" ALCAP ON 5/8"x30" REBAR, 0.2' BELOW GROUND

POINT 38

SET 2" ALCAP ON 5/8"x30" REBAR, 0.1' BELOW GROUND

POINT 704

FOUND 2-1/2" BRASS CAP MONUMENT, IN CASE, 0.6' BELOW RIM

LEGEND

- PRIMARY CENTERLINE MONUMENT
- CONTROL POINT
- TEMPORARY BENCH MARK
- MILE POST
- SURVEY POINT NUMBER

NOTE

1. SEE SHEET 1 FOR NOTES AND CONTROL INFORMATION.

Palmer Recording District PL 2019-143

STATE OF ALASKA
TIMOTHY D. MAMOSTAC
LS 9235
PROFESSIONAL LAND SURVEYOR
11/07/2019

PLANS DEVELOPED BY:
HDL ENGINEERING CONSULTANTS, LLC.
3335 ARCTIC BLVD. SUITE 100
ANCHORAGE, AK 99503
907-564-2120
REGISTRATION No. AECL 861

RECORD OF SURVEY
THIS SURVEY DOES NOT CONSTITUTE A SUBDIVISION AS DETERMINED BY AS 40.15.900(5).
PALMER RECORDING DISTRICT
STATE BUSINESS NO FEE

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

SURVEY CONTROL DIAGRAM

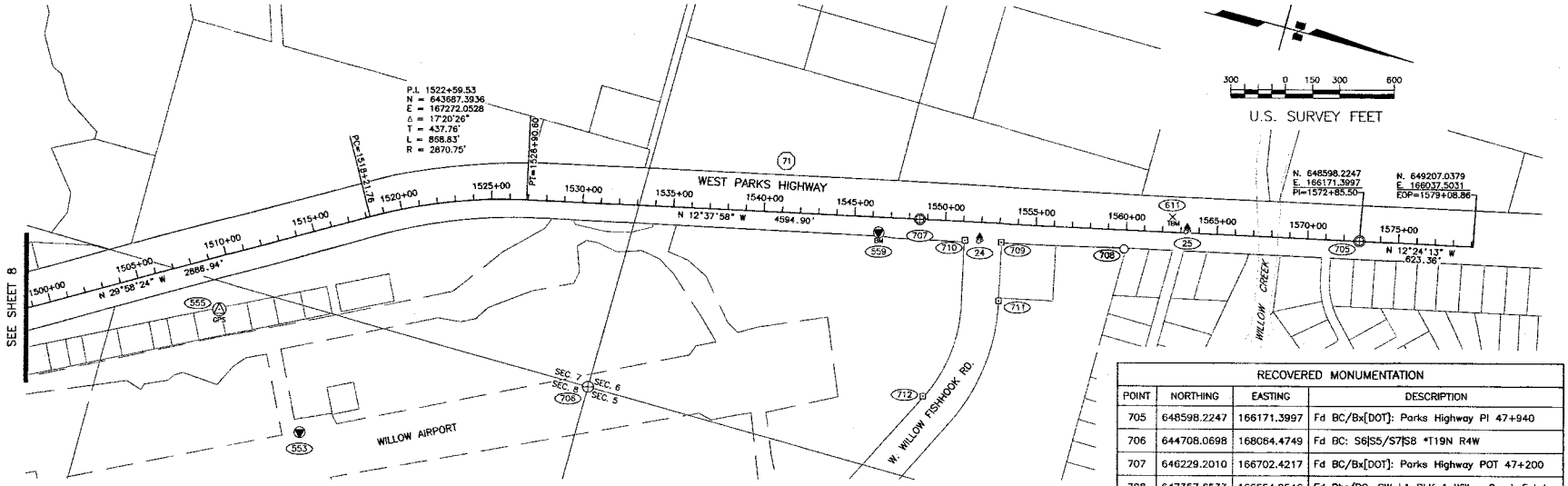
FEDERAL PROJECT NO. 0A41035

CFHWY00076

PARKS HIGHWAY: HOUSTON TO WILLOW

LOCATED WITHIN SECTIONS 17, 18, 20–22, 27, T18N, R3W; SECTIONS 2, 3, 11–13, T18N, R4W; & SECTIONS 6–8, 17, 20, 27–29 & 34, T19N, R4W; SEWARD MERIDIAN, STATE OF ALASKA

DRAWN	JJZ	DATE	OCT 2019	SCALE	1" = 300'
CHECKED	TDM	DATE	OCT 2019	SHEET	8 OF 9



RECOVERED MONUMENTATION			
POINT	NORTHING	EASTING	DESCRIPTION
705	648598.2247	166171.3997	Fd BC/Bx[DOT]: Parks Highway PI 47+940
706	644708.0698	168064.4749	Fd BC: S6|S5/S7|S8 *T19N R4W
707	646229.2010	166702.4217	Fd BC/Bx[DOT]: Parks Highway POT 47+200
708	647357.6533	166554.0546	Fd Rbr/PC: SW L1 BLK 1 Willow Creek Estates
709	646694.0250	166702.8441	Fd Conc ROW Mon: Willow Fishhook Rd
710	646498.9249	166746.4060	Fd Conc ROW Mon: Willow Fishhook Rd
711	646763.7719	167011.8894	Fd Conc ROW Mon: Willow Fishhook Rd PC
712	646499.0738	167624.8455	Fd Conc ROW Mon: Willow Fishhook Rd PT

HORIZONTAL CONTROL					
	POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
	24	646571.8250	166703.9841	158.53	Set Rbr/AC[9235-S]: CP 24
	25	647662.4321	166346.9361	161.09	Set Rbr/AC[9235-S]: CP 25
	553	643240.9404	168722.7043	206.88	Fd BC[NOS]: Z22 A 1994
*	555	642640.0406	168196.6568	212.06	Fd ROD: MSB GPS 16
**	556	660614.4405	160232.7248	———	Fd Rbr/AC[DOT]: PH 74.1

VERTICAL CONTROL				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
559	646029	166833	161.99	Fd BC/ROD[USC&GS]: E 104 1965
611	647570	166316	152.85	Set Spike: TBM 611 24" Birch

*SEE NOTE 2

**NOT SHOWN ABOVE

MONUMENT DETAILS

POINTS 24–25

SET 2" ALCAP ON 5/8"x30" REBAR, 0.3' BELOW GROUND

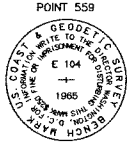
POINT 553

FOUND 3-1/2" BRASS CAP MONUMENT, 0.1' BELOW ASPHALT

POINTS 556

FOUND 2" ALCAP, 0.3' BELOW GRAVEL ROAD

POINT 559

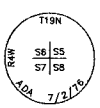


FOUND 3-3/4" BRASS CAP MONUMENT, IN IRON PIPE, 0.4' BELOW RIM

POINT 705

FOUND 2-1/2" BRASS CAP MONUMENT, IN CASE, 0.5' BELOW RIM

POINT 706



FOUND 2-1/2" BRASS CAP MONUMENT, 0.6' BELOW GROUND

POINT 707

FOUND 2-1/2" BRASS CAP MONUMENT, IN CASE, 0.3' BELOW RIM

POINT 708

FOUND ORANGE PLASTIC CAP, 1.0' BELOW WATER, FLUSH WITH GROUND

POINT 709

FOUND CONCRETE ROW MONUMENT, 1' BELOW SWAMP, SHOT AT APPROX. CENTER

POINT 710

FOUND CONCRETE ROW MONUMENT, 0.6' BELOW GROUND, LEANING SOUTHWEST

POINT 711

FOUND CONCRETE ROW MONUMENT, 0.7' ABOVE GROUND, LEANING NORTH, SHOT AT POINT OF ENTRY

POINT 712

FOUND CONCRETE ROW MONUMENT, 0.6' ABOVE GROUND

LEGEND

- PRIMARY CENTERLINE MONUMENT
- PROPERTY PRIMARY MONUMENT
- CONCRETE RIGHT-OF-WAY MONUMENT
- PROPERTY CORNER
- GPS CONTROL POINT
- CONTROL STATION
- CONTROL POINT
- BENCH MARK
- TEMPORARY BENCH MARK
- MILE POST
- SURVEY POINT NUMBER

NOTE

1. SEE SHEET 1 FOR NOTES AND CONTROL INFORMATION.
2. POINT NUMBER 555 WAS DESTROYED BY AIRPORT LEASE LOT OWNER DURING SURVEY.

2019-143
Plat # Palmer
Rec Dist
11-15- 2019
Date
Time 8:50 A.M.

STATE OF ALASKA
MICHAEL D. MANSTEAD
LS 9236
PROFESSIONAL LAND SURVEYOR
11/07/2019

PLANS DEVELOPED BY:
HDL ENGINEERING CONSULTANTS, LLC.
3335 ARCTIC BLVD. SUITE 100
ANCHORAGE, AK 99503
907-564-2120
REGISTRATION No. AECL 861

RECORD OF SURVEY
THIS SURVEY DOES NOT CONSTITUTE A SUBDIVISION AS DETERMINED BY AS 40.15.900(5).
PALMER RECORDING DISTRICT
STATE BUSINESS NO FEE

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

SURVEY CONTROL DIAGRAM

FEDERAL PROJECT NO. DA41035

CFHWY00076

PARKS HIGHWAY: HOUSTON TO WILLOW

LOCATED WITHIN SECTIONS 17, 18, 20–22, 27, T18N, R3W; SECTIONS 2, 3, 11–13, T18N, R4W; & SECTIONS 6–8, 17, 20, 27–29 & 34, T19N, R4W; SEWARD MERIDIAN, STATE OF ALASKA

DRAWN	JJZ	DATE	OCT 2019	SCALE	1" = 300'
CHECKED	TDM	DATE	OCT 2019	SHEET	9 OF 9

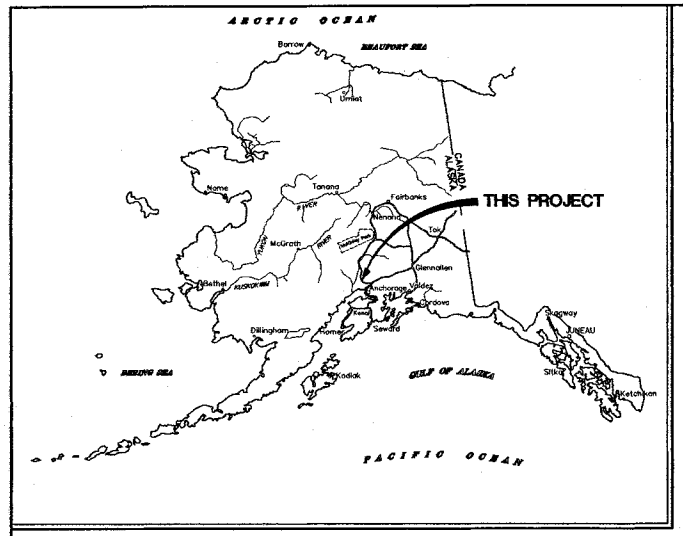
PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
	R1	53

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

RIGHT OF WAY MAP

ALASKA PROJECT

PARKS HIGHWAY
MILE 57 TO 67
I-OA4-1(6)
59163



SPECIAL GENERAL NOTE

SUBDIVISION NAMES, PLAT NUMBERS, AND DEPICITIONS OF PROPERTIES ADJACENT TO THE RIGHT OF WAY SHOWN HERE ON WERE GENERATED AT THE TIME OF INITIAL PLAN DEVELOPMENT. THIS PLAN SET DOES NOT NECESSARILY REFLECT THE CURRENT STATUS AT THE TIME OF THE RECORDING OF THIS DOCUMENT.

MONUMENT OF RECORD CERTIFICATION

THE CONTRACTOR REFERENCED AND RE-ESTABLISHED MONUMENTATION AS PER THE "MONUMENT SUMMARY TABLES". THESE DOCUMENTS ARE LOCATED IN THE OFFICE OF THE PALMER DISTRICT RECORDER, BEGINNING AT DOCUMENT NO. 2004-035742-0 AND ENDING WITH DOCUMENT NO. 2004-035829-0.

METRIC CONVERSION FACTORS

BASED ON METER - U.S. SURVEY FOOT RELATIONSHIP
1 METER = 39.37 INCHES EXACTLY. (METRIC LAW 1866)

FROM	TO	MULTIPLY BY
FOOT (U.S. SURVEY)	METER (m)	0.304800610
ACRE	HECTARE (ha)	0.40468726 1
SQUARE FOOT	METER² (m²)	0.092903412
METER (m)	FOOT (U.S. SURVEY)	3.280833333
HECTARE (ha)	ACRE	2.471043930
METER² (m²)	SQUARE FEET	10.763867360

NOTE: 1 HECTARE = 10 000 m²; 1 ACRE = 43,560 SQUARE FEET

DEPARTMENT CLOSEOUT SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF ALASKA, AND THAT THIS RIGHT OF WAY SET WAS REVIEWED AND EDITED IN 2010 BY ME, OR UNDER MY DIRECT SUPERVISION FOR ACCURACY AND COMPLETENESS.

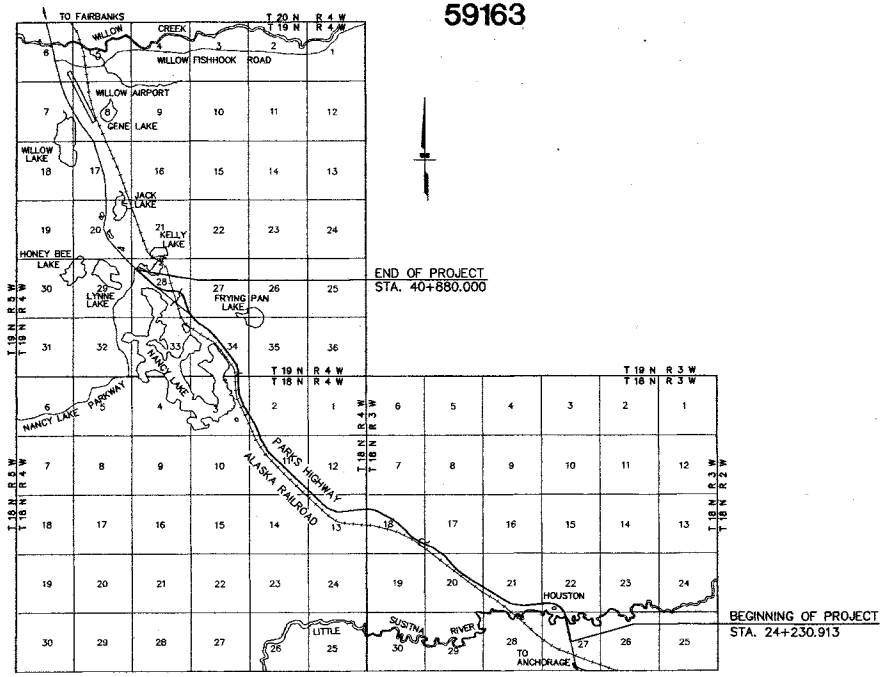
16 June 2010 — DATE
AS-6109 — REGISTRATION NUMBER
P. Louise Hooper
P LOUISE HOOPER

PROJECT LENGTH 10.8 KM.

SCALE

0 1/2 1 2 3 4 5

REVISIONS			
No.	Date	Description	
1	4/6/10	MISC. REVISIONS	EF



CERTIFICATE OF APPROVAL BY THE PLATTING AUTHORITY

I HEREBY CERTIFY THAT THE RIGHT OF WAY PLAT SHOWN HEREON HAS BEEN FOUND TO COMPLY WITH THE REGULATIONS OF THE MATANUSKA-SUSITNA BOROUGH PLATTING AUTHORITY AND THAT SAID PLAT HAS BEEN APPROVED BY THE PLATTING AUTHORITY BY PLAT RESOLUTION NO. 2010-41-ROW, DATED OCTOBER 27, 1999, AND THAT THE PLAT SHOWN HEREON HAS BEEN APPROVED FOR RECORDING IN THE PALMER RECORDING DISTRICT, THIRD JUDICIAL DISTRICT, STATE OF ALASKA.

ATTEST:
Marilyn McClure — PLATTING CLERK
A. Christine Nelson — PLANNING & LAND USE DIRECTOR, MATANUSKA-SUSITNA BOROUGH PLATTING AUTHORITY

CONSULTANT LOCATIONS SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF ALASKA AND THAT ALL RIGHT-OF-WAY CENTERLINE MONUMENT LOCATIONS HAVE BEEN ESTABLISHED AS INDICATED ON THE RIGHT-OF-WAY PLANS, ALL EXISTING FOUND SUBDIVISION MONUMENTS, PROPERTY CORNERS AND SECTION LINE MONUMENTATION AS INDICATED ON THE RIGHT-OF-WAY PLANS HAVE BEEN REFERENCED TO PROJECT SURVEY CONTROLS BY ME OR UNDER MY SUPERVISION.

5/19/99 — DATE
LS 6723 — REGISTRATION NUMBER
Ricky P Burnett
REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF ALASKA AND THAT THIS PLAT WAS MADE BY ME OR UNDER MY SUPERVISION. THIS PLAT WAS BASED UPON THE MONUMENTS RECOVERED DURING THE LOCATIONS SURVEY FOR THIS PROJECT.

5/19/99 — DATE
LS 6723 — REGISTRATION NUMBER
Ricky P Burnett
REGISTERED PROFESSIONAL LAND SURVEYOR

CONTRACTOR SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF ALASKA, AND THAT THE RIGHT-OF-WAY CENTERLINE CONTROL ESTABLISHED BY THE DEPARTMENT'S SURVEYOR AND INDICATED ON THESE RIGHT-OF-WAY PLANS AND ALL OTHER MONUMENTS AS REQUIRED BY ALASKA STATUTE 34.65, HAVE BEEN REFERENCED, MONUMENTED, AND RECORDED ACCORDING TO ALASKA STATUTE 34.65, STATE REGULATION 11 AAC 06.080, 11 AAC 06.090 BY ME OR UNDER MY SUPERVISION.

DATE — REGISTRATION NUMBER
N/A
REGISTERED PROFESSIONAL LAND SURVEYOR

PALMER RECORDING DISTRICT
STATE BUSINESS, NO FEE

DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES

APPROVED May 26, 1999
Date
R. Rice
REGIONAL CHIEF R/W AGENT

LOCATED WITHIN:
SECTIONS 17, 18, 20, 21, 22, & 27 TOWNSHIP 18 NORTH, RANGE 3 WEST
SECTIONS 2, 3, 11, 12, & 13, TOWNSHIP 18 NORTH, RANGE 4 WEST
SECTIONS 27, 28, & 34, TOWNSHIP 19 NORTH, RANGE 4 WEST
SEWARD MERIDIAN

EXHIBIT D

PALMER 2010-42

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(14)	R2	53

	RECOVERED	TO BE SET THIS PROJECT
GOV'T SECTION CORNER	Sec. Cor. Fnd.	
GOV'T 1/4 SECTION CORNER	1/4 Cor. Fnd.	
GOV'T 1/6 SECTION CORNER	1/16 Cor. Fnd.	
GOV'T SURVEY MONUMENT		
GOV'T TRIANGULATION STA.		
PRIMARY MONUMENT (BRASS/AL CAP)		
MISC. CORNER		
CENTERLINE SURVEY MONUMENT		

INTERNATIONAL BOUNDARY LINE (ALASKA / CANADA)

TOWNSHIP & RANGE LINE

SECTION OR LOT LINES

1/4 SECTION LINE

1/16 SECTION LINE

CORPORATE or CITY LIMITS

SECTION LINE INTERSECTION (65-000; N 66°10'43" E; 64-904.144; 100.87; N 0°28'39" E)

PROJECT CENTERLINE

PROJECT RIGHT-OF-WAY LINE

CONTROLLED ACCESS LINE

PERMIT LINE

EXISTING EASEMENT LINE

RAILROAD LINE

LIMIT OF CUT SLOPE

LIMIT OF FILL SLOPE

EXISTING RIGHT-OF-WAY

RIGHT-OF-WAY REQUIRED

STATION EQUATIONS (143+32.2.220 BK = 169+017.769 AH.)

	EXISTING
U.G. TELEPHONE (DIRECT BURY)	U.G. TELE
U.G. ELECTRIC (DIRECT BURY)	U.G. ELECT
U.G. DUCT	
TELEPHONE MANHOLE	TMH
ELECTRIC MANHOLE	EMH
FOUNDATION	
BUILDING	H = HOUSE; G = GARAGE; M = MERCHANT/STORE; B = BARN; S = SHED; P = PRIVY; SS = SERVICE STATION; W = WAREHOUSE
INTERMITTENT DRAINAGE	
INTERCEPTOR DITCH	
GUARD RAIL	
RETAINING WALL	
NOISE BARRIER	
FENCE	
STONE FENCE	
HEAD & WINGWALLS	
TUNNEL	
EXISTING ROADWAY	
MARSHLAND	
CREEKS	
RIVERS	
LAKES	LAKE
RESERVOIRS	RES
CHANNEL CHANGE	
DECIDUOUS TREE	
CONIFER TREE/SHRUB	
SHRUB	
GROUP OF SHRUBS	
HIGHWAY MILEPOST	143 / BLUE
RAILROAD MILEPOST	R.R. 1960+600 / MRT. 426-550 / 842

PIPELINES:	EXISTING	PROPOSED
SANITARY SEWER	SS	SS
OIL	O	O
GAS	G	G
WATER	W	W
STORM DRAIN	SD	SD
MANHOLE	M.H.	M.H.
FIRE HYDRANT		
METER		
PIPE CULVERTS		
SIDEWALK		
CONCRETE CURB		
CONCRETE CURB & GUTTER		
DRIVEWAYS, APPROACHES, & SIDEDRAINS		
BRIDGE		
RIPRAP		
UTILITY POLE		
LUMINAIRE		
UTILITY POLE WITH LUMINAIRE		
GROUND LIGHT		
POLE ANCHOR		
TRANSMISSION TOWERS (WOOD)		
TRANSMISSION TOWERS (STEEL)		
ELECTRICAL OUTLET		
ELECTRICAL PEDESTAL		
TELEPHONE PEDESTAL		
CABLE T.V. PEDESTAL		
SATELLITE DISH		
PRIVATE SIGN		
GAS PUMP	GAS PUMP	
POST		
BOULDER	BOULDER	
PLANTER	PLANTER	
VENT		
TANK VENT		
WELL	WELL	
SEWER	SEWER	
TANKS: Above Ground		
TANKS: Below Ground		
SIGN		

TRAFFIC

PVC CONDUIT

RIGID METAL CONDUIT (EXISTING)

RIGID METAL CONDUIT (PROPOSED)

	EXISTING	PROPOSED
SIGNAL FACE, VEHICULAR		
SIGNAL FACE, BACKPLATE		
SIGNAL FACE, LEFT TURN, BACKPLATE		
SIGNAL FACE, PEDESTRIAN		
JUNCTION BOX, TYPE I		
JUNCTION BOX, TYPE II		
JUNCTION BOX, TYPE III		
DETECTOR, LOOP	4	4
DETECTOR, MAGNETOMETER		
DETECTOR, RADAR		R
DETECTOR, SONIC		S
DETECTOR, OPTICOM		
DETECTOR, PUSH BUTTON (DIRECTION)		
SIGNAL CONTROLLER		
LOAD CENTER		
SIGNAL POLE		
SIGNAL POLE w/MASTARM		

FOR STRIPING PLANS:

SOLID WHITE STRIPE (W)

SOLID YELLOW STRIPE (Y)

BROKEN WHITE or YELLOW STRIPE (W / Y)

DASH YELLOW STRIPE (Y)

SOLID YELLOW STRIPE with BROKEN YELLOW STRIPE (Y)

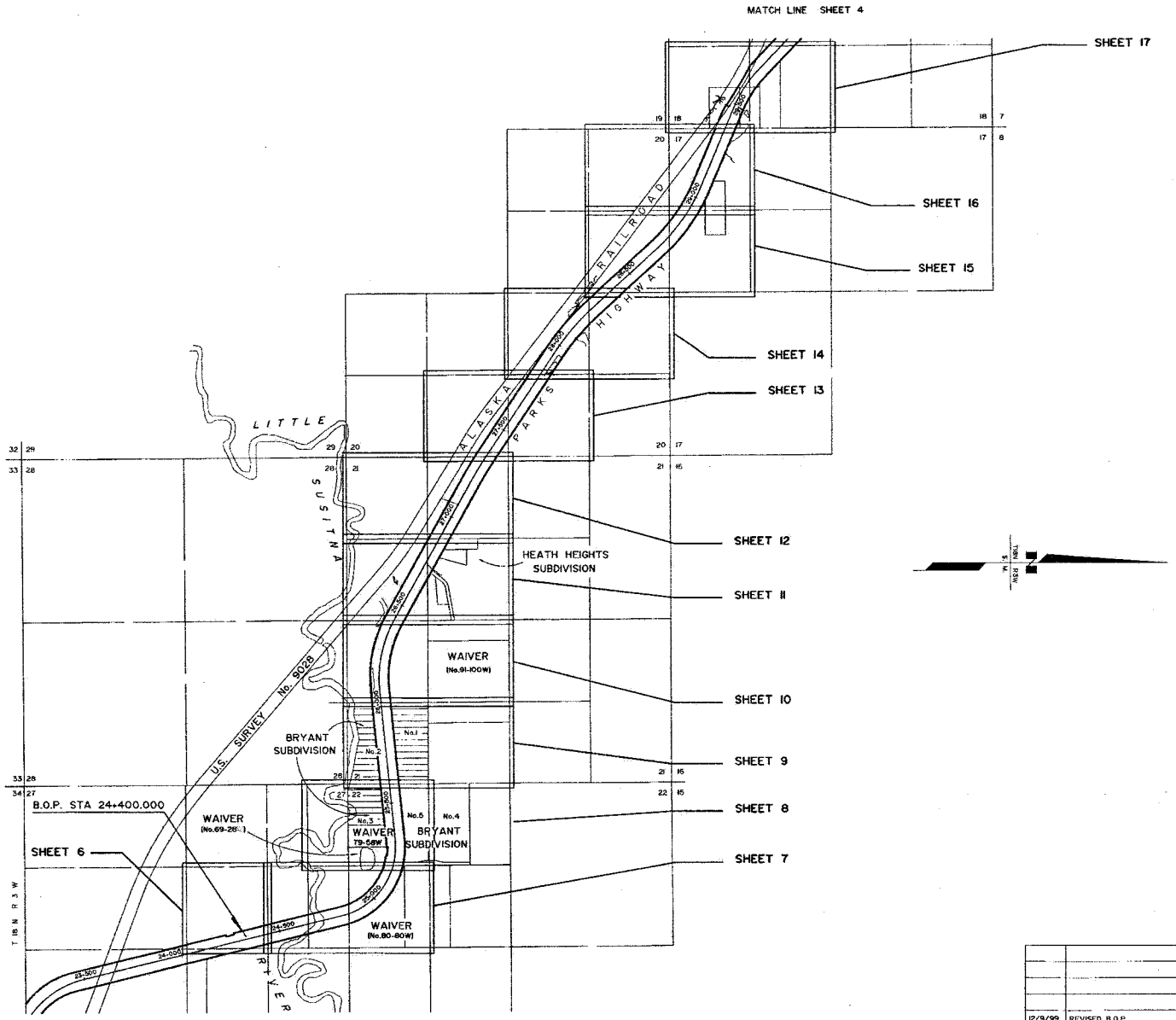
PALMER RECORDING DISTRICT 2010-42

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
CENTRAL REGION

STANDARD LEGEND SHEET
I-OA4-1(6)
59163
PARKS HIGHWAY MILE 57 - 67

DRAWN	NFD/SS	DATE	3/23/99	SCALE	N/A
CHECKED	RPB	DATE	3/23/99	SHEET	2 OF 53

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-0A4-1(14)	R3	53



PALMER RECORDING DISTRICT 2010-42

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

RIGHT OF WAY MAP
ALASKA PROJECT NO.

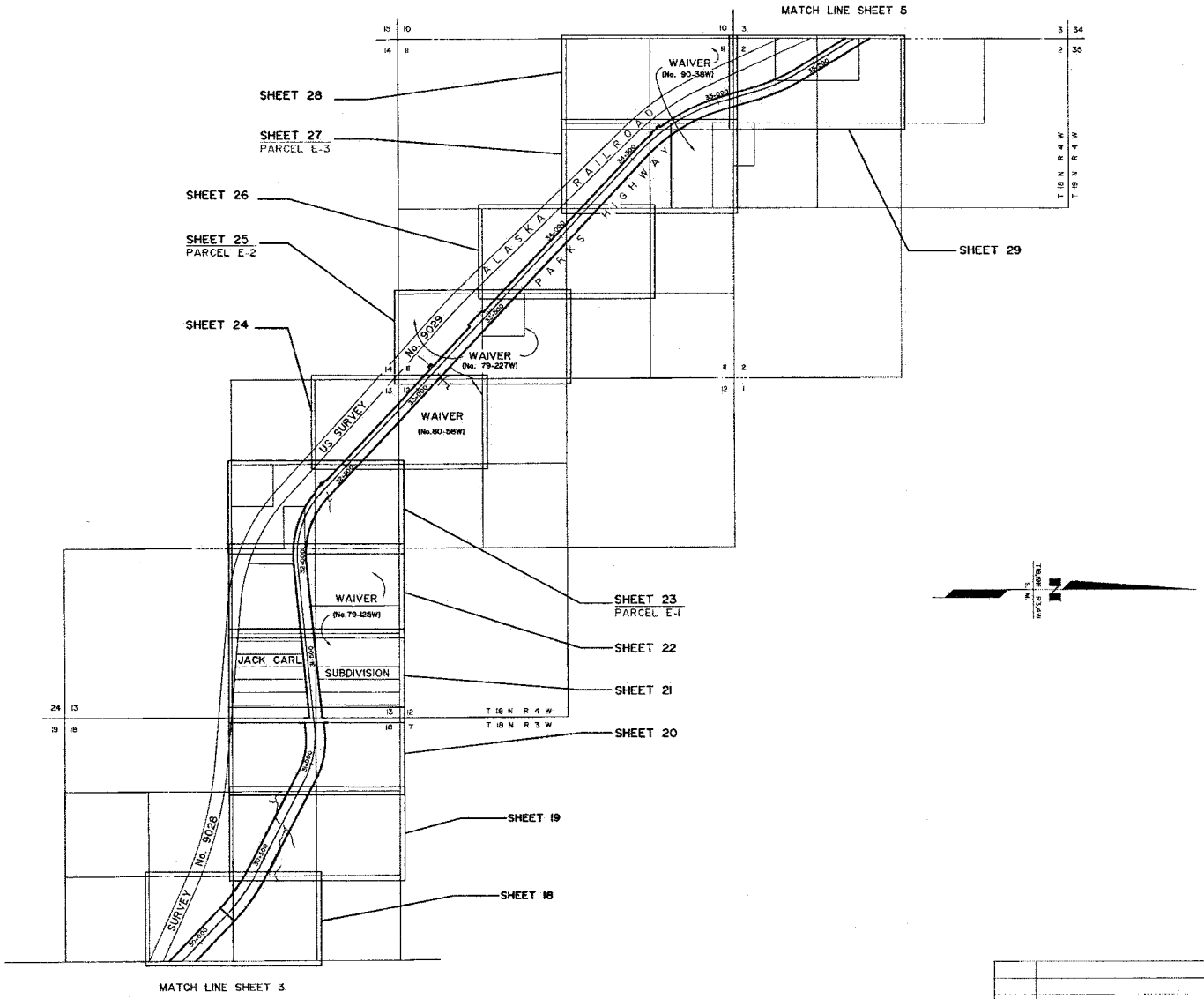
I-0A4-1(6)
59163

PARKS HIGHWAY MILE 57 - 67

DATE	REVISIONS	BY
12/9/99	REVISED B.O.P.	SS

DRAWN NFD/SS	DATE APRIL 1999	SCALE 1:1000	
CHECKED RPB	DATE APRIL 1999	SHEET 3 OF 53	

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-0A4-1(14)	R4	53



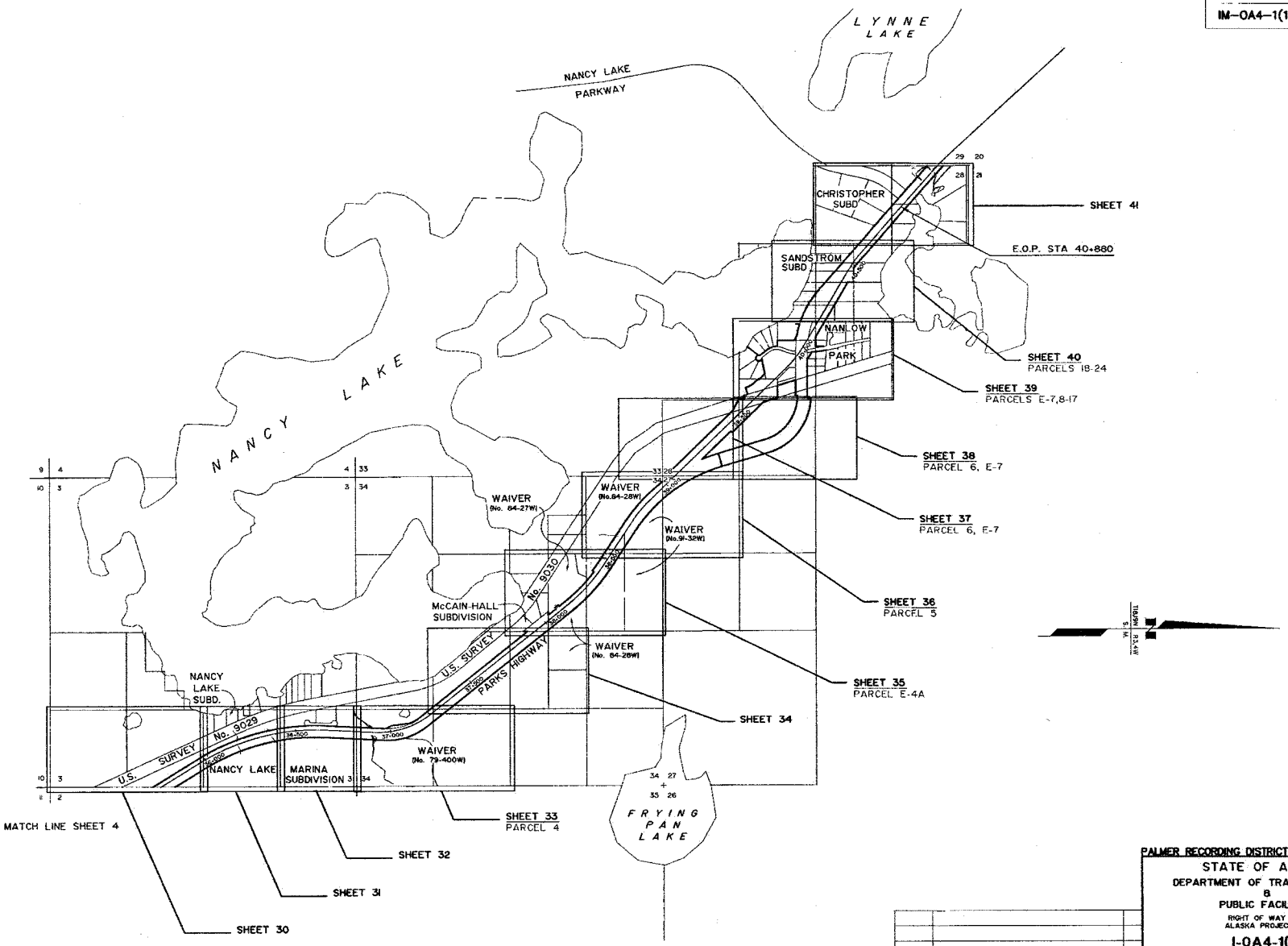
PALMER RECORDING DISTRICT 2010-42

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-0A4-1(16)
59163
PARKS HIGHWAY MILE 57 - 67

DATE	REVISIONS	BY
10/30/00	REVISED R.O.W. LINE	JM

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RPB	DATE	APRIL 1999	SHEET	4 OF 53

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-0A4-1(14)	R5	53



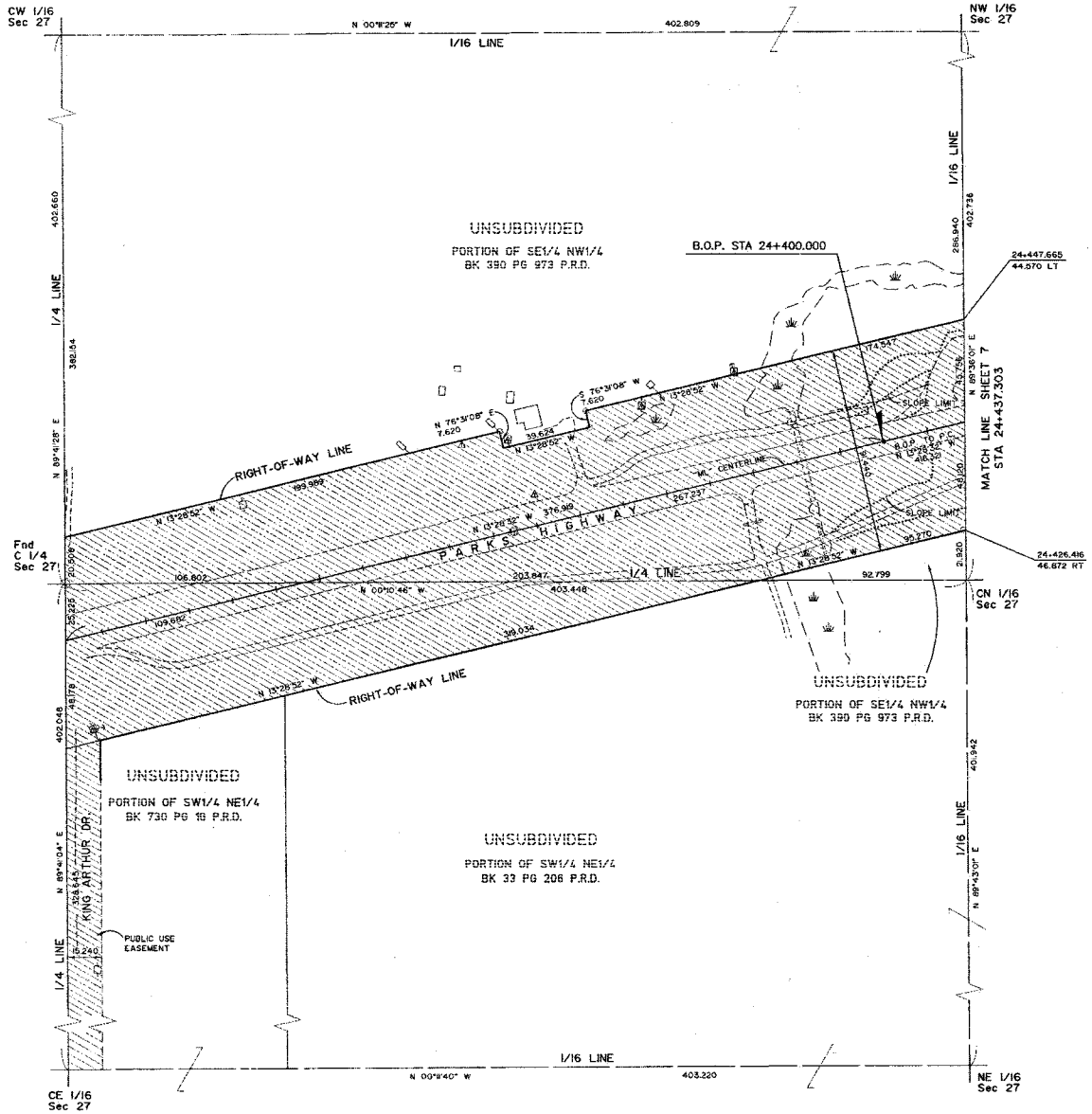
PALMER RECORDING DISTRICT 2010-42

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-0A4-1(6)
59163
PARKS HIGHWAY MILE 57 - 67

DATE	REVISIONS	BY
9/7/00	ADDED PARCEL E-4A, REVISED R.O.W. LINE	

DRAWN	MFD/SS	DATE APRIL 1999	SCALE	1:1000
CHECKED	RPB	DATE APRIL 1999	SHEET	5 OF 53

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-0A4-1(14)	R6	53



STATE OF ALASKA
49TH
Ridley P. Bennett
LS 6723
REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

NOTE:

STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.

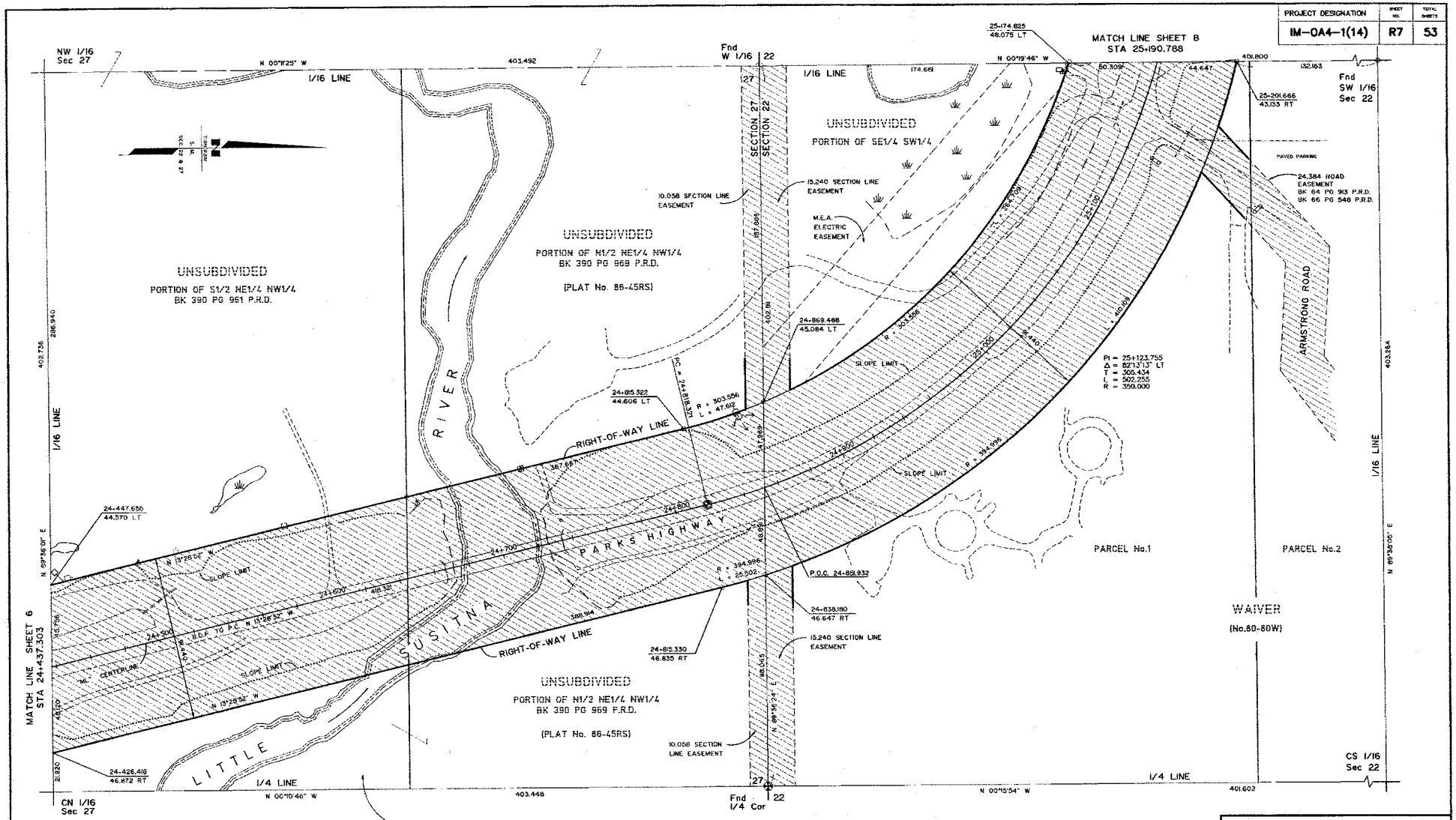
PALMER RECORDING DISTRICT 2010-42

DATE	REVISIONS	BY
9/7/00	REVISED SLOPE LIMITS AND MINOR DETAILS	JM
12/9/99	REVISED B.O.P., CENTERLINE, STATIONS, OFFSETS, SLOPE LIMITS AND MINOR DETAILS	SS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-0A4-1(6)
59163
PARKS HIGHWAY MILE 57 - 67

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RPB	DATE	APRIL 1999	SHEET	6 OF 53

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-0A4-1(14)	R7	53



STATE OF ALASKA 49TH Ricky P. Bennett LS 6723 PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

PALMER RECORDING DISTRICT 2010-42

NOTE:

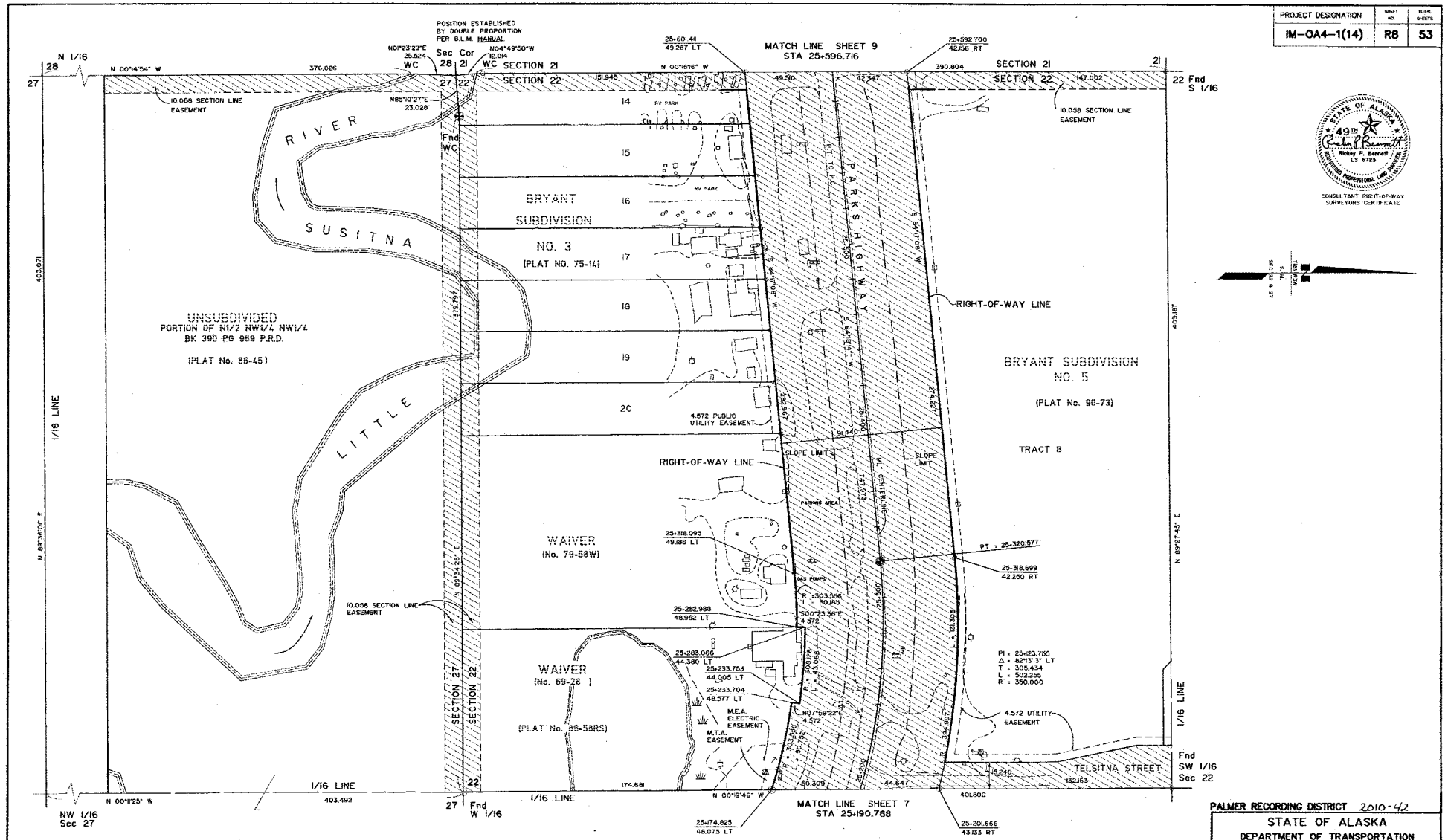
STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.

DATE	REVISIONS	BY
9/7/00	REVISED SLOPE LIMITS AND MINOR DETAILS	JM
12/9/99	REVISED CENTERLINE, STATIONS, OFFSETS, SLOPE LIMITS AND MINOR DETAILS	SS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-0A4-1(6)
59163
PARKS HIGHWAY MILE 57 - 67

DRAWN	NFO/SS	DATE APRIL 1999	SCALE 1:1000
CHECKED	RPB	DATE APRIL 1999	SHEET 7 OF 53

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-0A4-1(14)	R8	53



CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

NOTE:

STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.

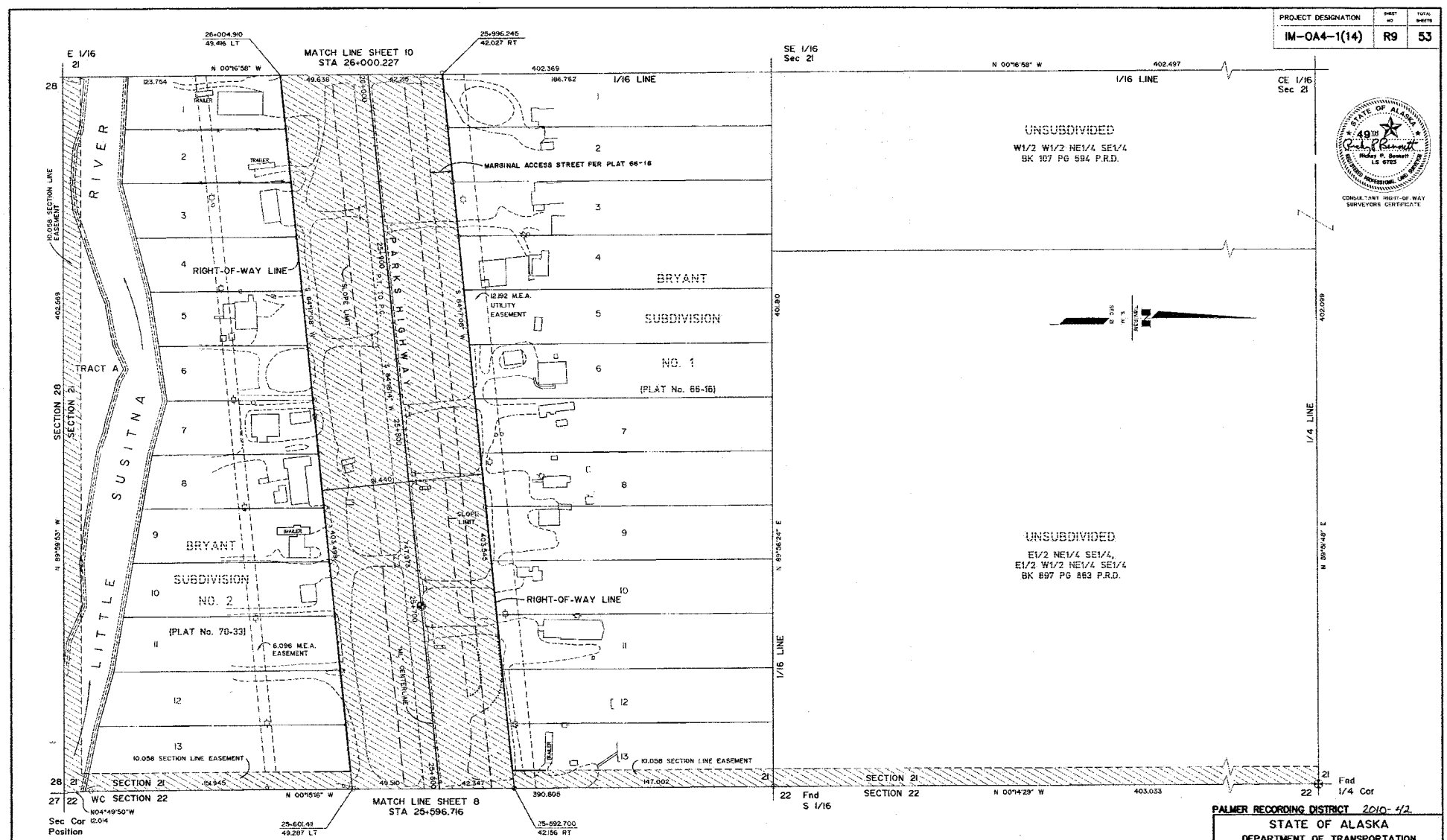
DATE	REVISIONS	BY
4/6/10	MISC REVISIONS	EF
12/9/99	REVISED CENTERLINE, STATIONS, OFFSETS, SLOPE LIMITS AND MINOR DETAILS	SS

PALMER RECORDING DISTRICT 2010-42

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-0A4-1(6)
59163
PARKS HIGHWAY MILE 57 - 67

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RPB	DATE	APRIL 1999	SHEET	8 OF 53

PROJECT DESIGNATION	SHEET NO	TOTAL SHEETS
IM-0A4-1(14)	R9	53



STATE OF ALASKA
49TH
Rickey P. Bennett
LS 6725
REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY
SURVEYORS CERTIFICATE

NOTE:

STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.

DATE	REVISIONS	BY
4/6/10	MISC. REVISIONS	EF
9/7/00	REVISED SLOPE LIMITS AND MINOR DETAILS	JM
12/9/99	REVISED CENTERLINE, STATIONS, OFFSETS, SLOPE LIMITS AND MINOR DETAILS	SS

PALMER RECORDING DISTRICT 2010-412

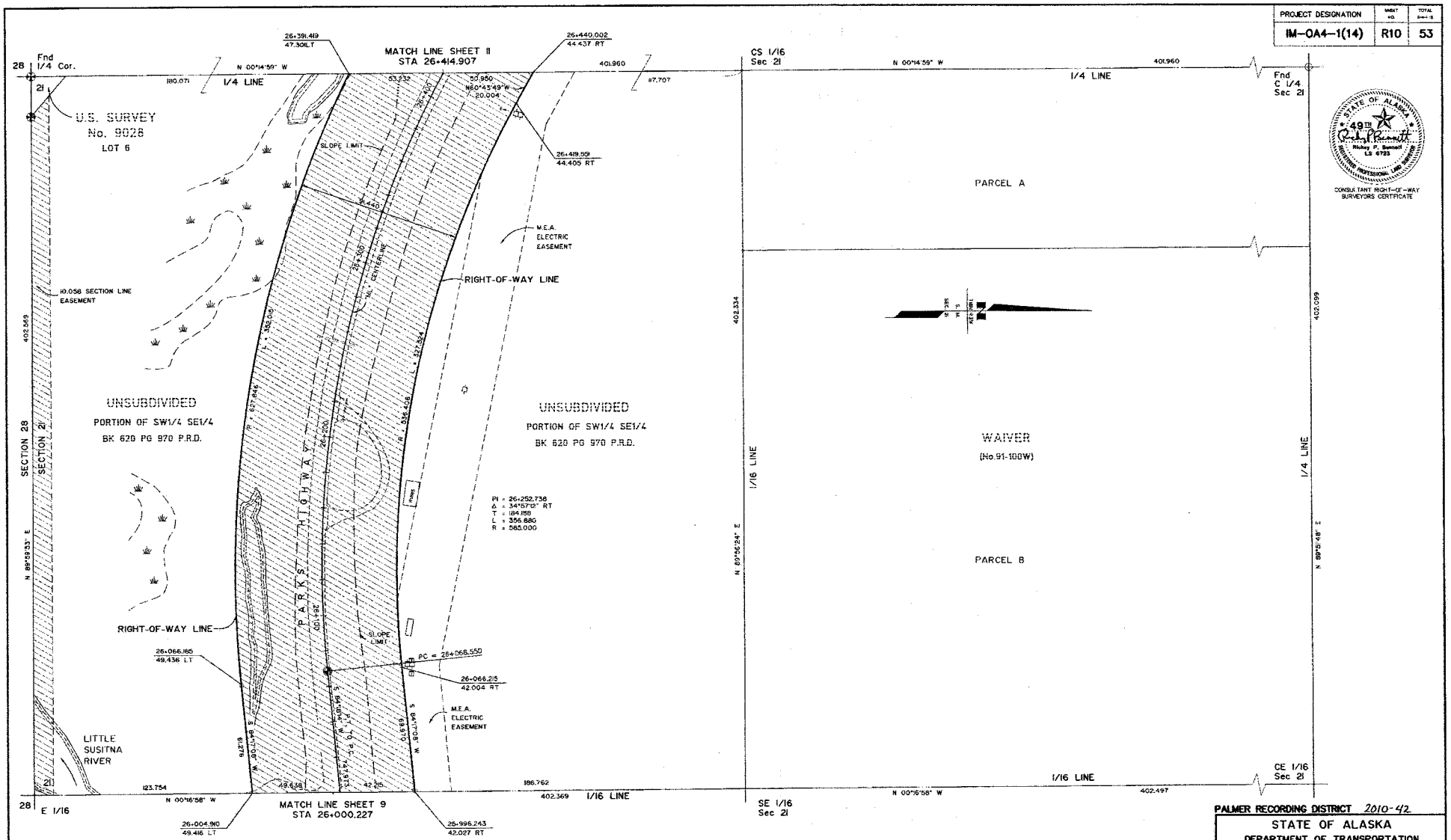
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.

I-0A4-1(6)
59163

PARKS HIGHWAY MILE 57 - 67

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RPB	DATE	APRIL 1999	SHEET	9 OF 53

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-0A4-1(14)	R10	53



CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

NOTE:

STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.

DATE	REVISIONS	BY
12/9/99	REVISED CENTERLINE, STATIONS, OFFSETS, SLOPE LIMITS AND MINOR DETAILS	SS

PALMER RECORDING DISTRICT 2010-42

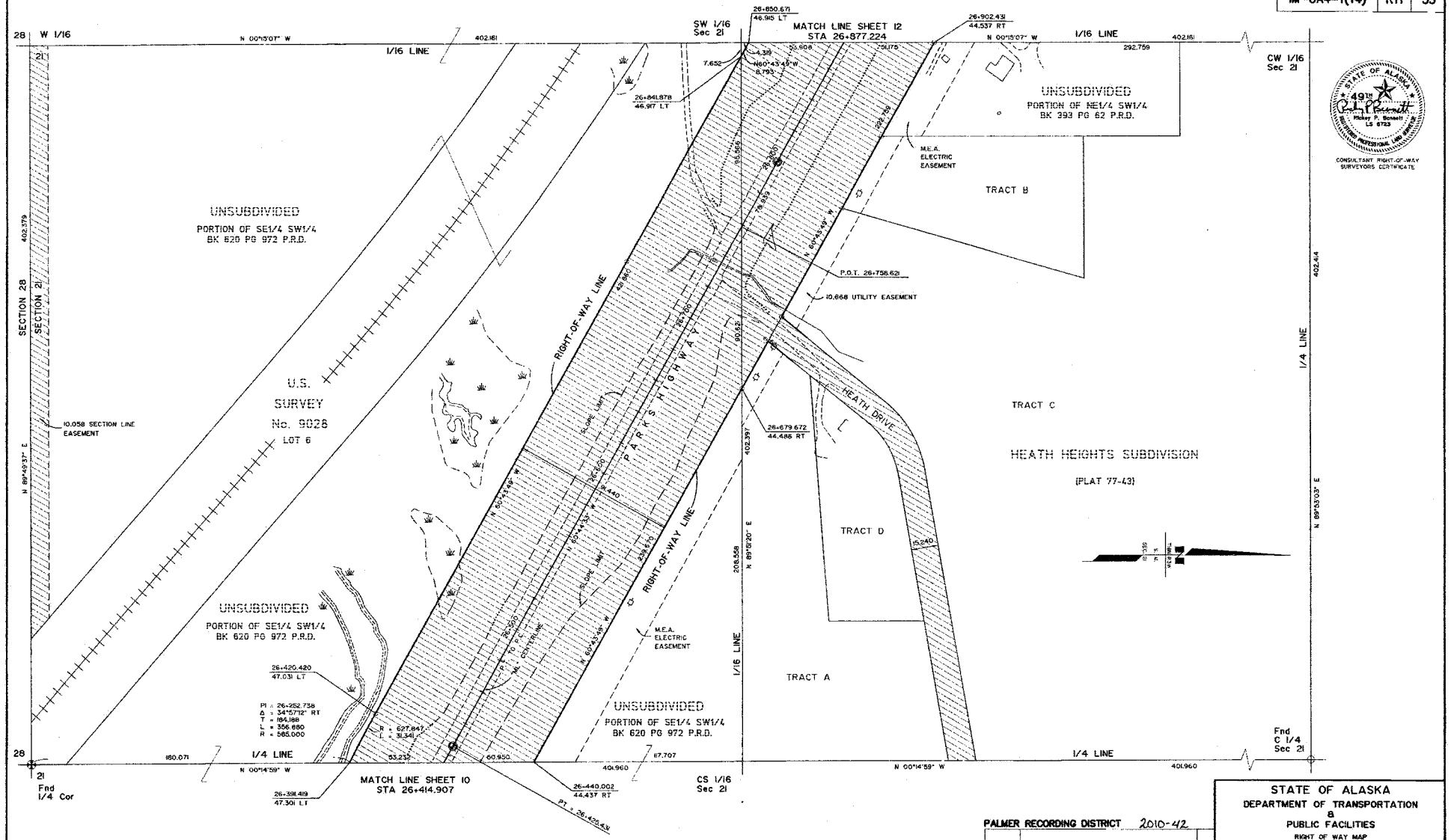
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.

I-0A4-1(6)
59163

PARKS HIGHWAY MILE 57 - 67

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RPB	DATE	APRIL 1999	SHEET	10 OF 53

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-0A4-1(14)	R11	53



STATE OF ALASKA
49TH
Mickey P. Bennett
LS 6723
REGISTERED PROFESSIONAL LAND SURVEYOR
CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

NOTE:

STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.

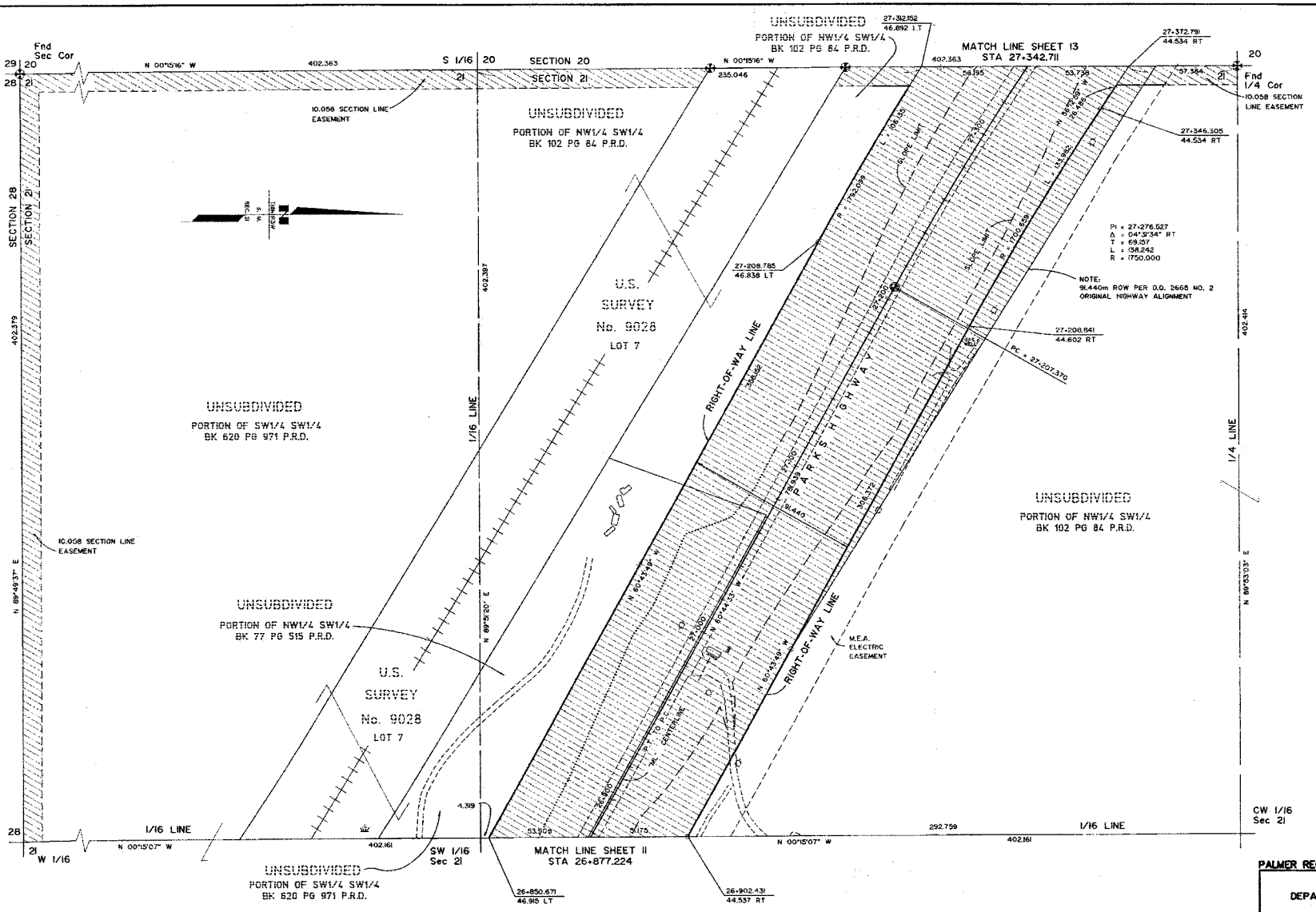
PALMER RECORDING DISTRICT 2010-42

DATE	REVISIONS	BY
12/9/99	REVISED CENTERLINE, STATIONS, OFFSETS,	SS
	SLOPE LIMITS AND MINOR DETAILS	

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-0A4-1(6)
50463
PARKS HIGHWAY MILE 57 - 67

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RPB	DATE	APRIL 1999	SHEET	11 OF 53

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(14)	R12	53



CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

STATE OF ALASKA
49TH
Richey P. Bennett
LS 4723
REGISTERED PROFESSIONAL LAND SURVEYOR

NOTE:

STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.

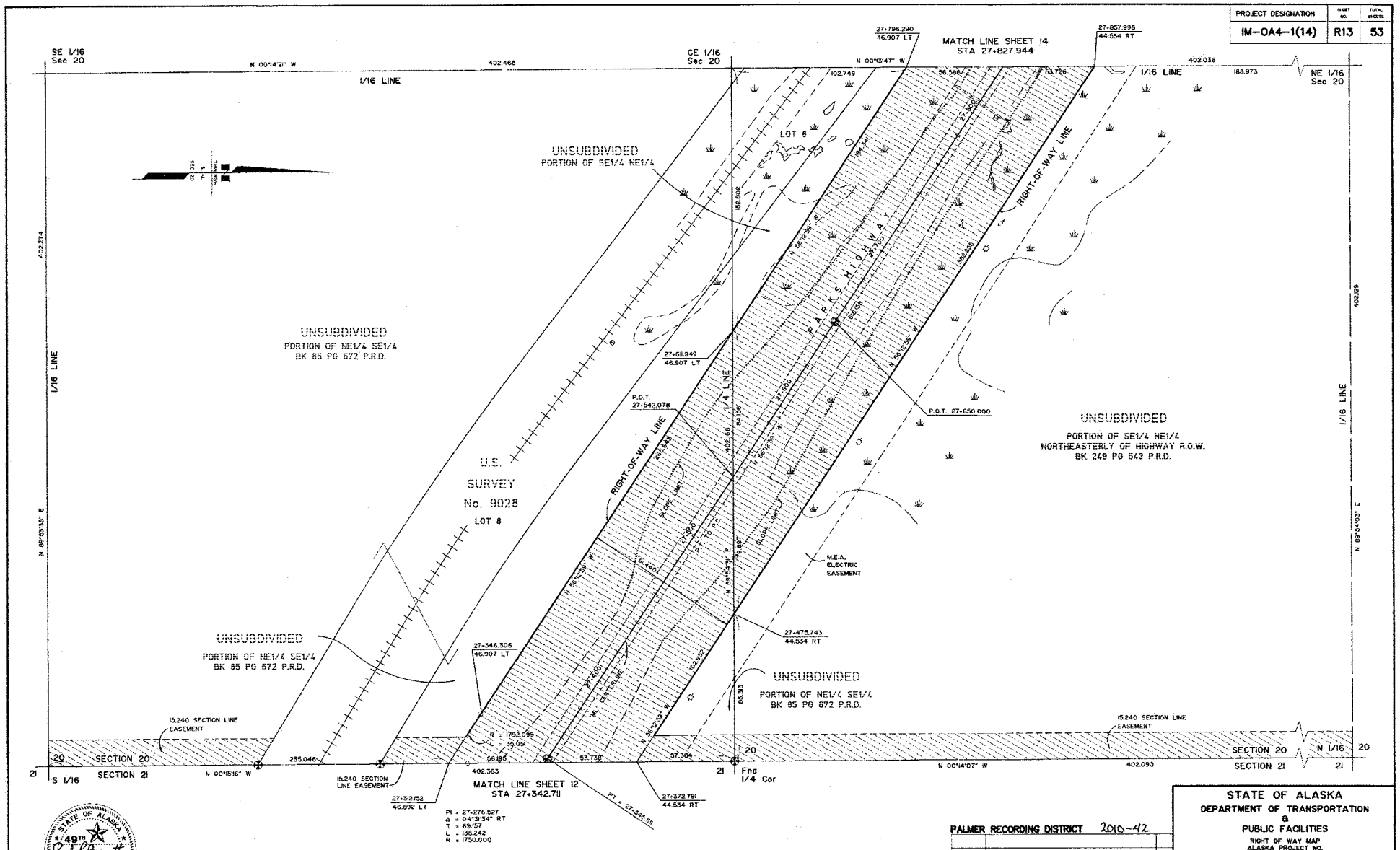
DATE	REVISIONS	BY
9/7/00	REVISED SLOPE LIMITS AND MINOR DETAILS	JM
12/9/99	REVISED SLOPE LIMITS AND MINOR DETAILS	SS

PALMER RECORDING DISTRICT 2010-42

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59163
PARKS HIGHWAY MILE 57 - 67

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RPB	DATE	APRIL 1999	SHEET	12 OF 53

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-0A4-1(14)	R13	53



NOTE:

STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.

PALMER RECORDING DISTRICT 2010-42

DATE	REVISIONS	BY
9/7/00	REVISED SLOPE LIMITS AND MINOR DETAILS	JM
12/9/99	REVISED SLOPE LIMITS AND MINOR DETAILS	SS

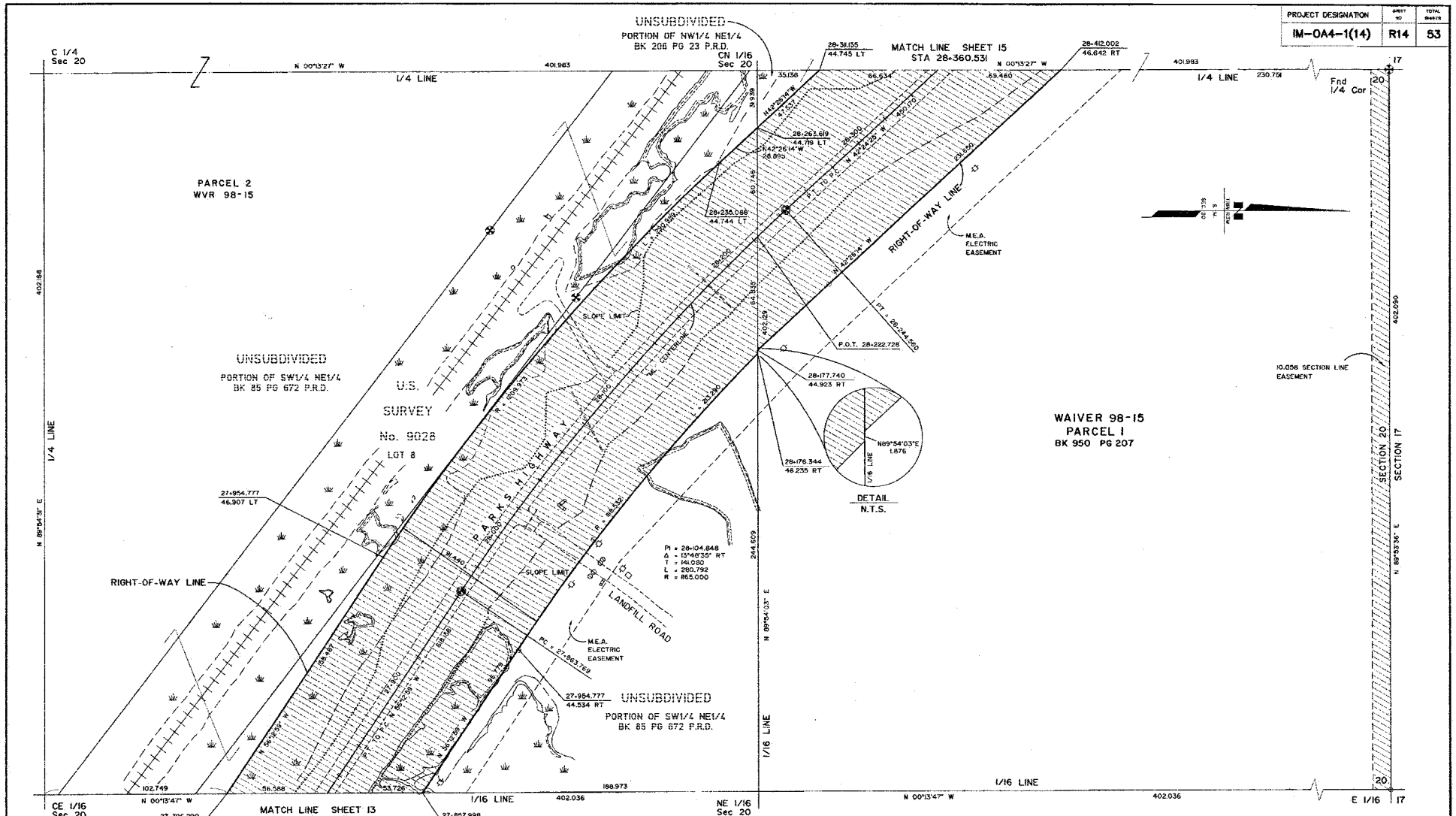
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-0A4-1(16)
59163
PARKS HIGHWAY MILE 57 - 67

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RFB	DATE	APRIL 1999	SHEET	13 OF 53

STATE OF ALASKA
49TH
Rickey P. Bennett
LS 8723
REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

PROJECT DESIGNATION	SHEET NO	TOTAL SHEETS
IM-0A4-1(14)	R14	53



CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

NOTE:

STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.

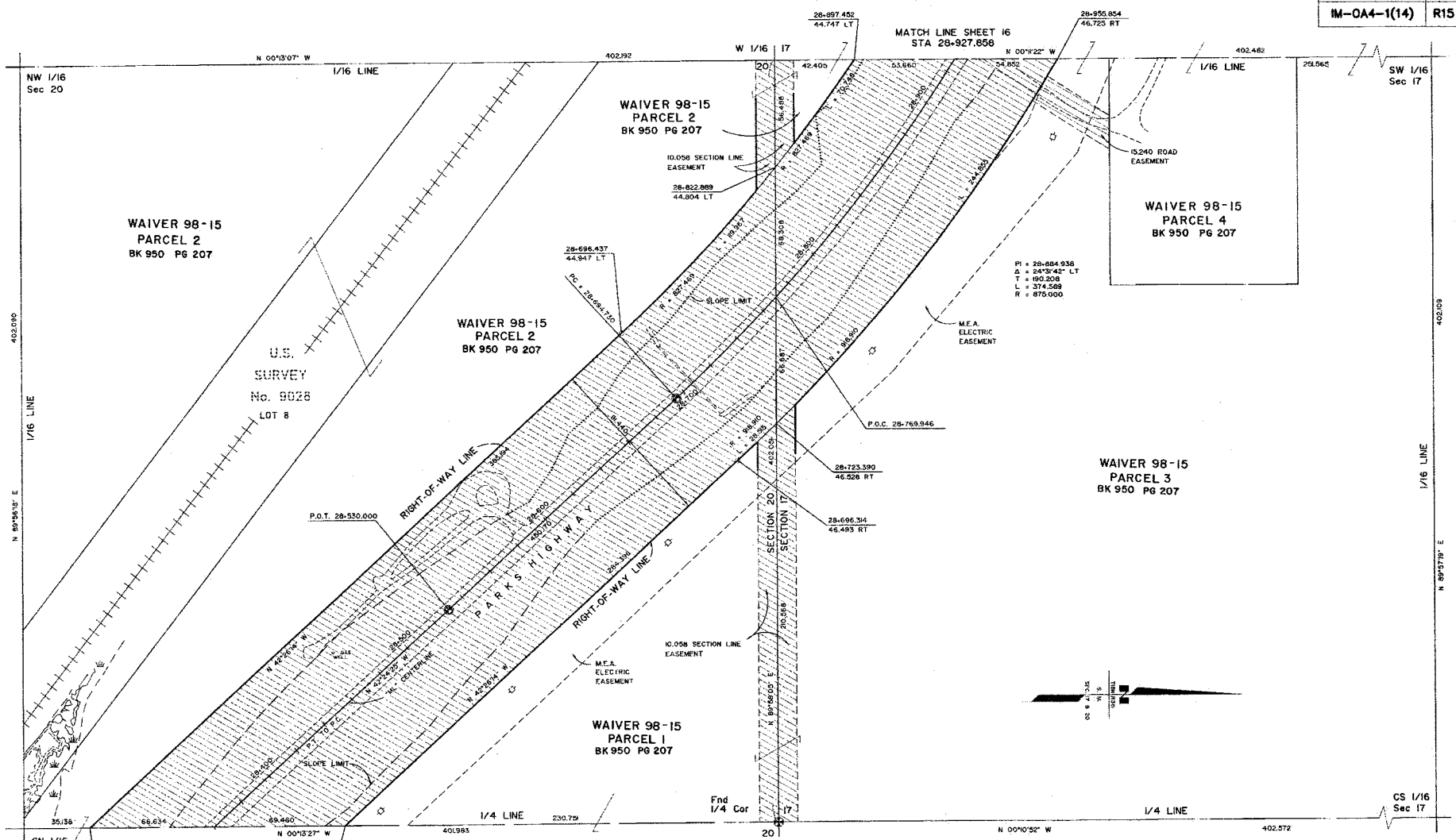
PALMER RECORDING DISTRICT 2010-42

DATE	REVISIONS	BY
4/8/10	MISC. REVISIONS	EF
9/7/00	REVISED SLOPE LIMITS AND MINOR DETAILS	JM
12/9/99	REVISED SLOPE LIMITS AND MINOR DETAILS	SS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-0A4-1(6)
59163
PARKS HIGHWAY MILE 57 - 67

DRAWN	NFD/SS	DATE	APRIL 1999
CHECKED	RPB	DATE	APRIL 1999
SCALE	1:1000		
SHEET	14 OF 53		

PROJECT DESIGNATION	SHEET NO	TOTAL SHEETS
IM-0A4-1(14)	R15	53



STATE OF ALASKA
49TH
Richey P. Bennett
LS 6725
REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY
SURVEYORS CERTIFICATE

NOTE:

STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.

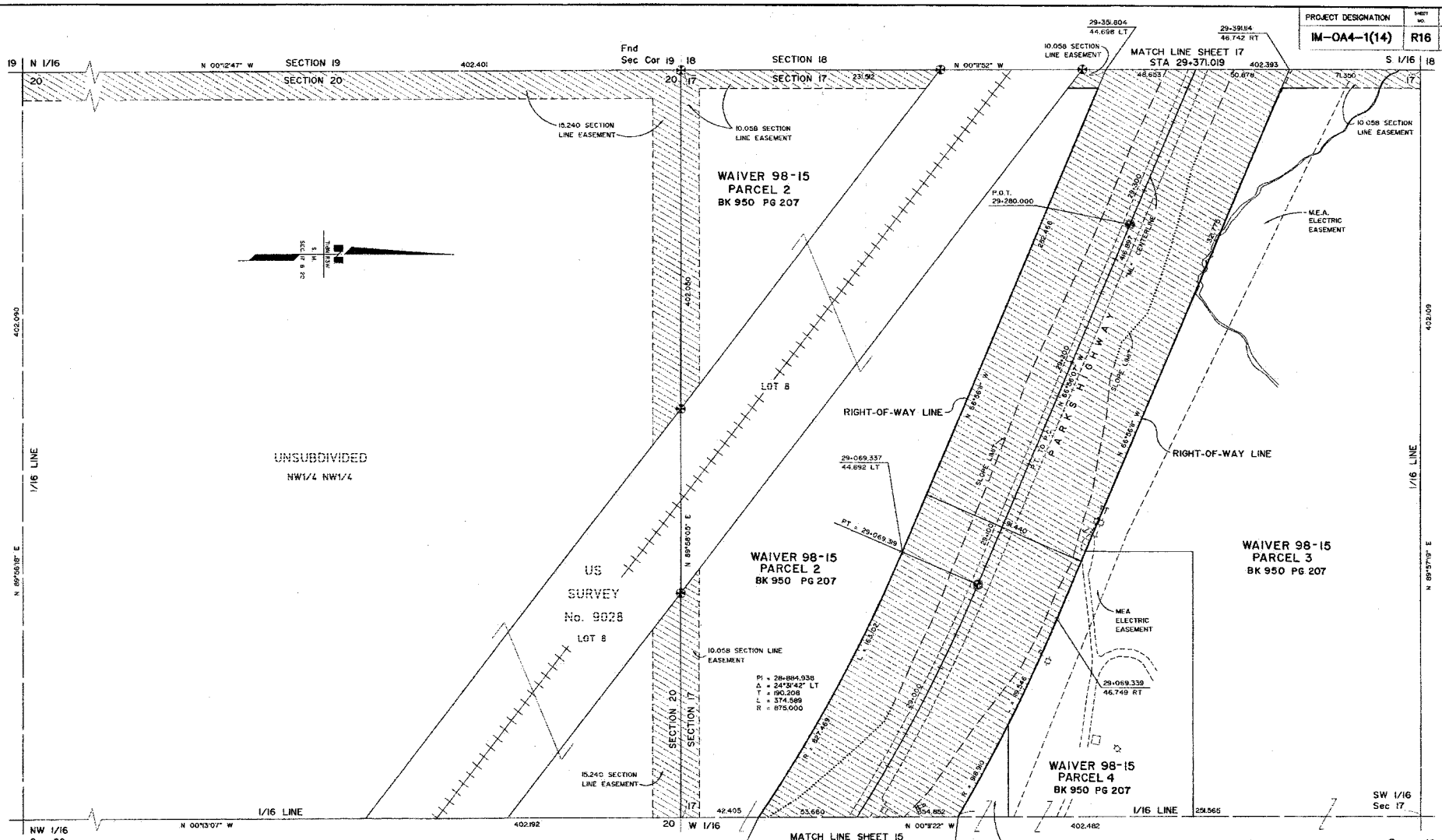
PALMER RECORDING DISTRICT 2010-42

DATE	REVISIONS	BY
4/6/10	MISC. REVISIONS	EF
12/9/99	REVISED SLOPE LIMITS AND MINOR DETAILS	SS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-0A4-1(6)
59163
PARKS HIGHWAY MILE 57 - 67

DRAWN	NFD/SS	DATE	APRIL 1999
CHECKED	RPB	DATE	APRIL 1999
SCALE	1:1000		
SHEET	15 OF 53		

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-0A4-1(14)	R16	53



PALMER RECORDING DISTRICT 2010-42

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-0A4-1(6)
59163
PARKS HIGHWAY MILE 57 - 67

DATE	REVISIONS	BY
4/6/10	MISC. REVISIONS	EF
12/9/99	REVISED SLOPE LIMITS AND MINOR DETAILS	SS

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RFB	DATE	APRIL 1999	SHEET	16 OF 53

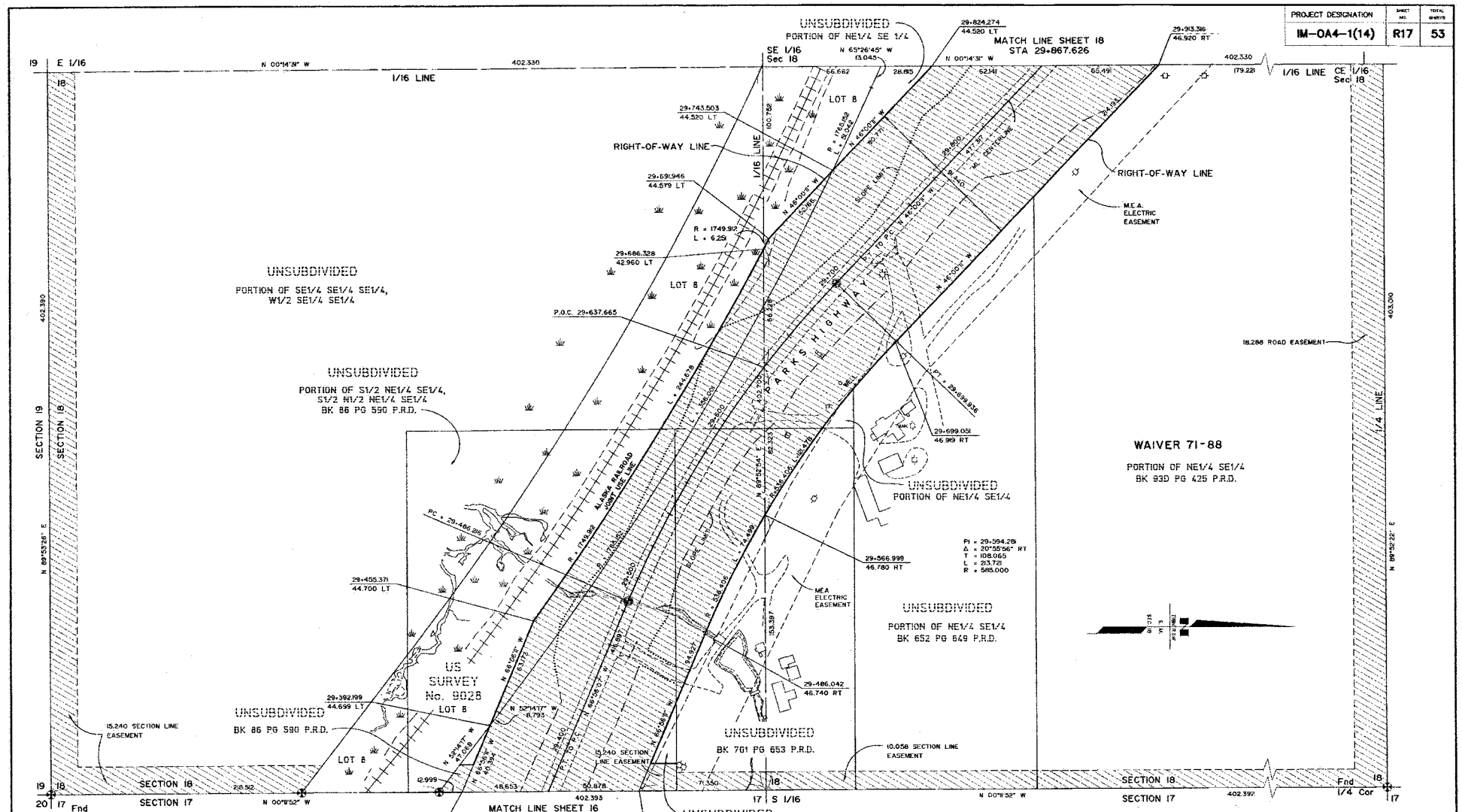
STATE OF ALASKA 49TH Rickey P. Bennett LS 8723 REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

NOTE:

STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(14)	R17	53



STATE OF ALASKA
RICHARD P. BENNETT
49TH
LS 6728
REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY
SURVEYORS CERTIFICATE

NOTE:

STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.

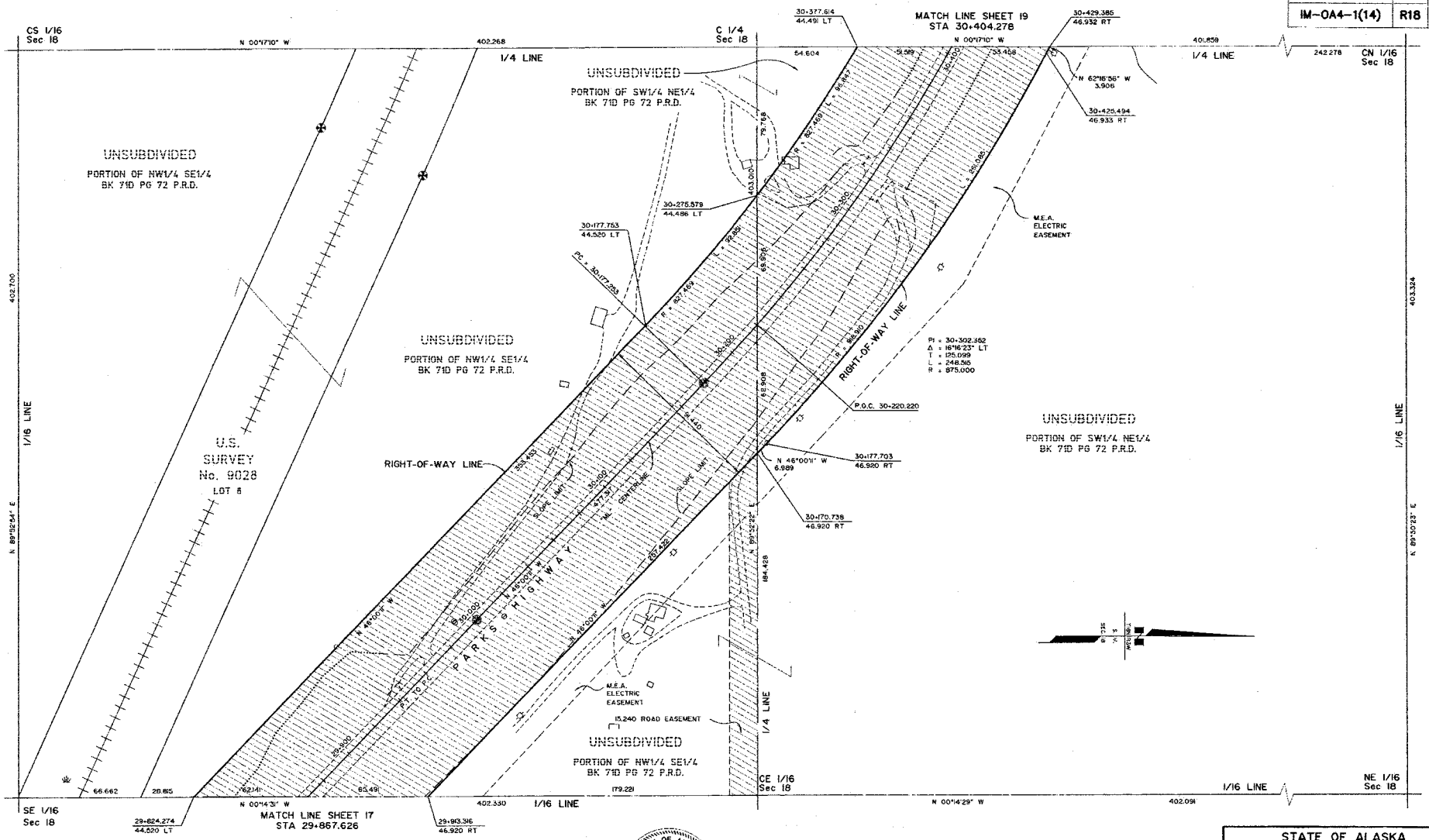
PALMER RECORDING DISTRICT 2010-42

DATE	REVISIONS	BY
4/6/10	MISC. REVISIONS	EF
12/9/99	REVISED SLOPE LIMITS AND MINOR DETAILS	SS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(16)
59163
PARKS HIGHWAY MILE 57 - 67

DRAWN NFD/SS	DATE APRIL 1999	SCALE 1:1000	
CHECKED RPB	DATE APRIL 1999	SHEET 17 OF 53	

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(14)	R18	53



STATE OF ALASKA
49TH
Rickey P. Bennett
LS 6723
REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

NOTE:

STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.

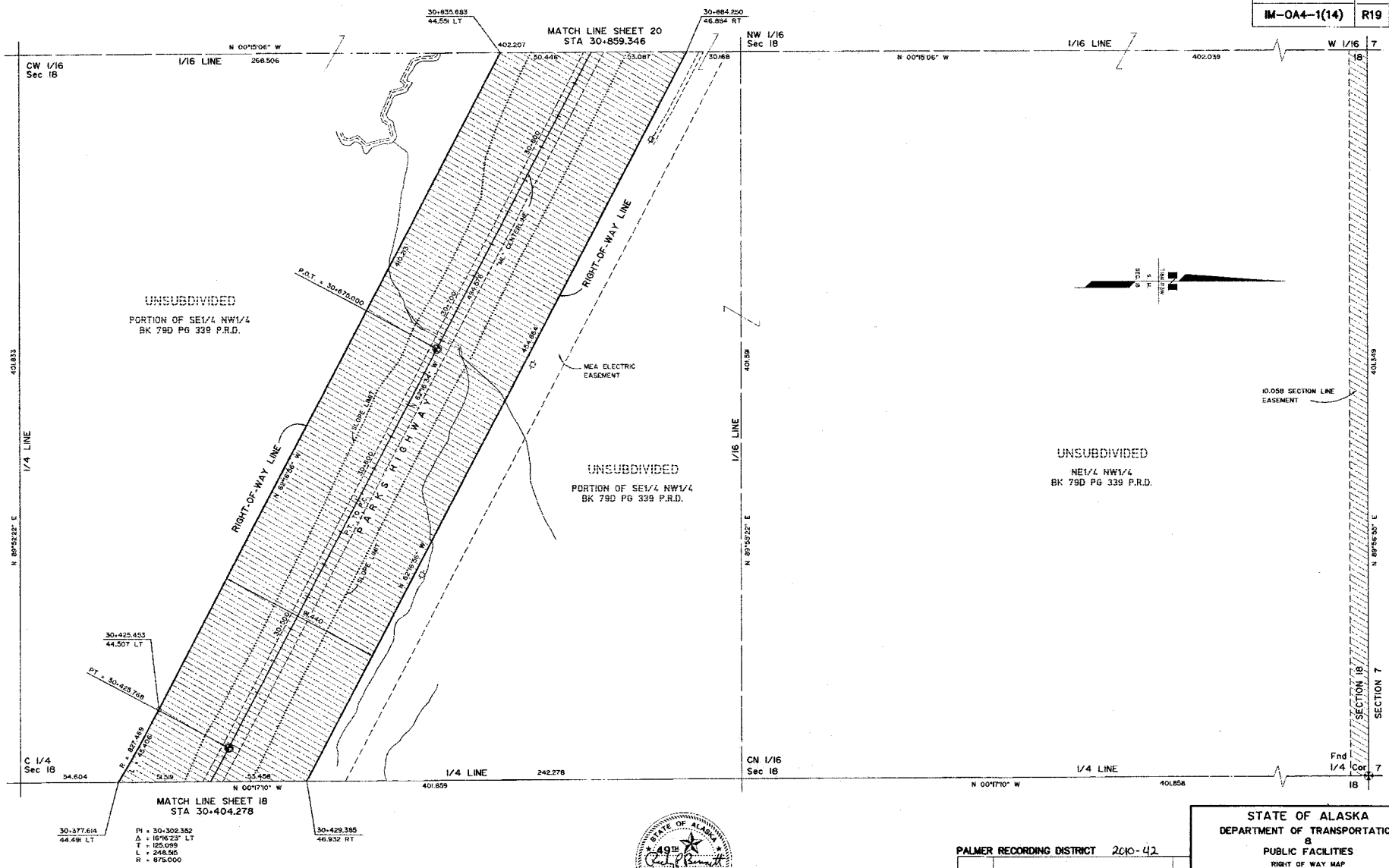
PALMER RECORDING DISTRICT 2010-42

DATE	REVISIONS	BY
9/7/00	REVISED SLOPE LIMITS AND MINOR DETAILS	JM
12/9/99	REVISED SLOPE LIMITS AND MINOR DETAILS	SS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59163
PARKS HIGHWAY MILE 57 - 67

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RPB	DATE	APRIL 1999	SHEET	18 OF 53

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-0A4-1(14)	R19	53



CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

NOTE:

STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.

PALMER RECORDING DISTRICT 2010-42

DATE	REVISIONS	BY
12/9/99	REVISED SLOPE LIMITS AND MINOR DETAILS	SS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

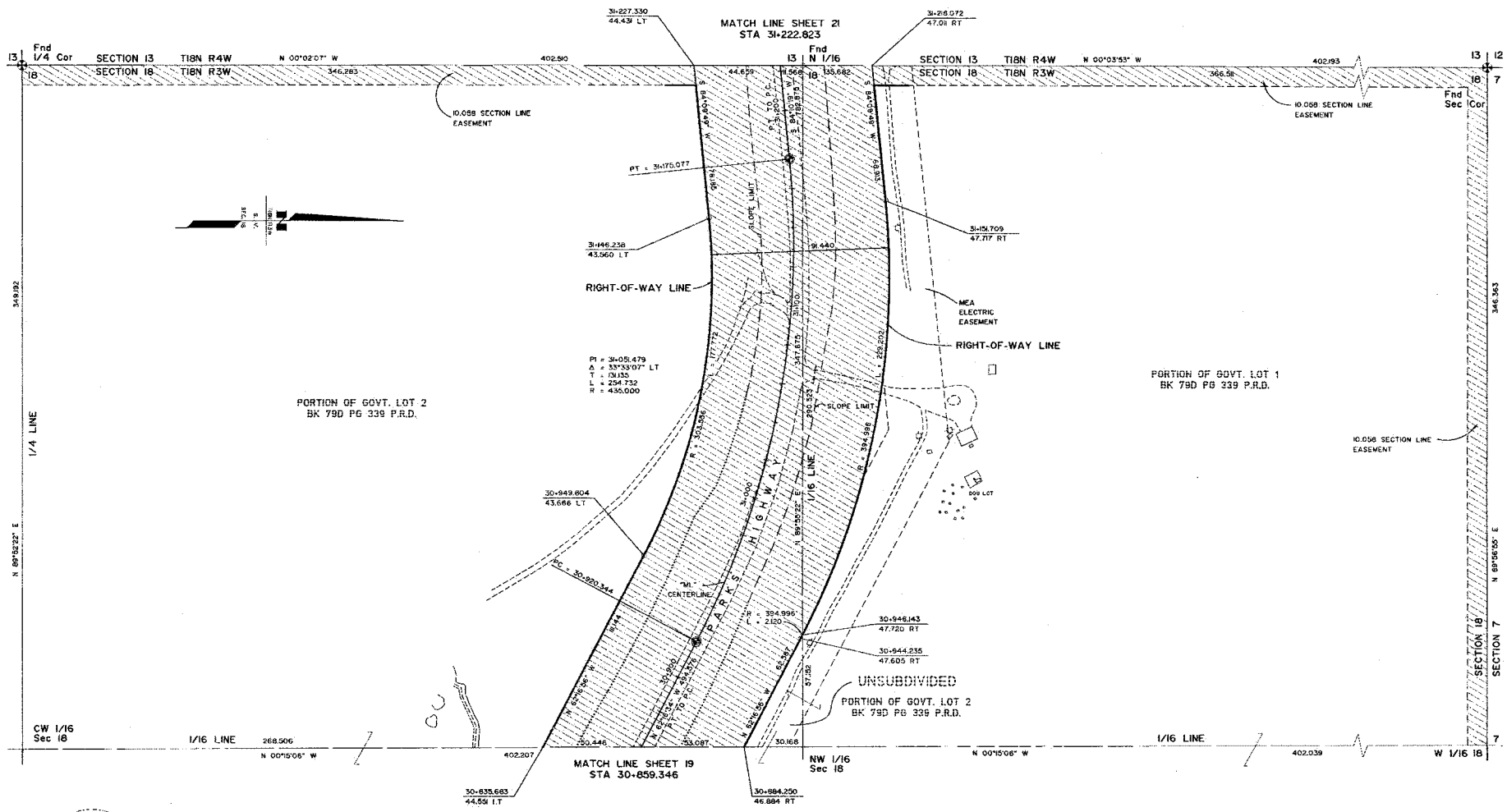
RIGHT OF WAY MAP
ALASKA PROJECT NO.

I-0A4-1(6)
59163

PARKS HIGHWAY MILE 57 - 67

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RPB	DATE	APRIL 1999	SHEET	19 OF 53

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(14)	R20	53



STATE OF ALASKA
49TH
Richard P. Bennett
LS 6723
REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

NOTE:

STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.

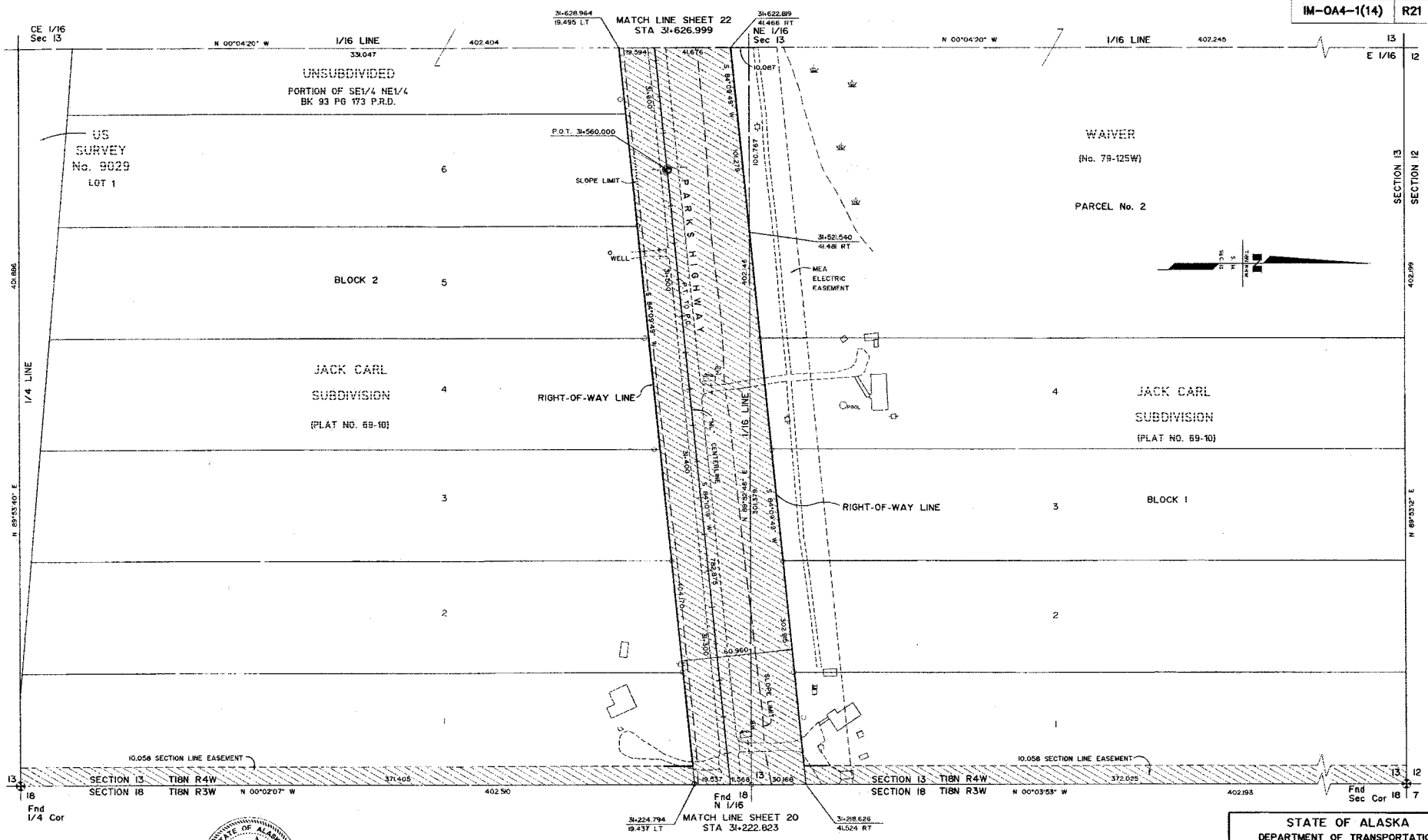
PALMER RECORDING DISTRICT 2010-42

DATE	REVISIONS	BY
4/6/10	MISC. REVISIONS	EF
12/9/99	REVISED SLOPE LIMITS AND MINOR DETAILS	SS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59163
PARKS HIGHWAY MILE 57 - 67

DRAWN	MFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RPB	DATE	APRIL 1999	SHEET	20 OF 53

PROJECT DESIGNATION	SHEET NO	TOTAL SHEETS
IM-0A4-1(14)	R21	53



STATE OF ALASKA
49TH
Rickey P. Bennett
LS 6723
REGISTERED LAND SURVEYOR
CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

NOTE:

1. STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.
2. THE RIGHT OF WAY WIDTH AS SHOWN IS BASED ON RIGHT OF WAY MAPS DATED 5/20/58, PROJECT NO. S0590(1), FILED WITH THE BUREAU OF PUBLIC ROADS, DISTRICT ENGINEER'S OFFICE IN ANCHORAGE, EXCEPT AS NOTED.

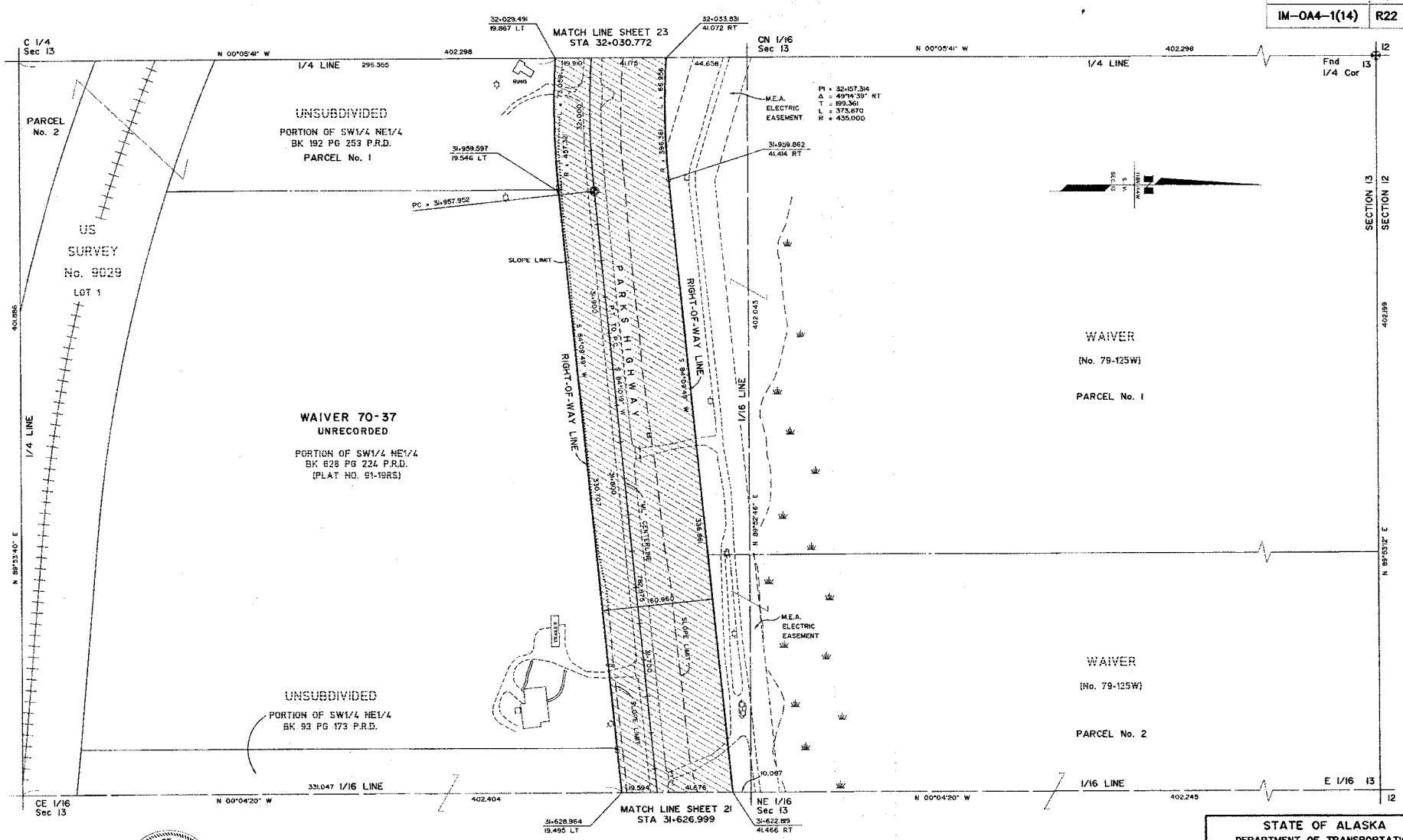
PALMER RECORDING DISTRICT 2010-42

DATE	REVISIONS	BY
4/6/10	MISC. REVISIONS	
9/7/00	REVISED SLOPE LIMITS AND MINOR DETAILS	JM
12/9/99	REVISED SLOPE LIMITS AND MINOR DETAILS	SS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-0A4-1(6)
59163
PARKS HIGHWAY MILE 57 - 67

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RPB	DATE	APRIL 1999	SHEET	21 OF 53

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-0A4-1(14)	R22	53



STATE OF ALASKA
49TH
Richard P. Bennett
LS 6725
REGISTERED SURVEYOR AND MAPPER

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

NOTE:

1. STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.
2. THE RIGHT OF WAY WIDTH AS SHOWN IS BASED ON RIGHT OF WAY MAPS DATED 5/20/58, PROJECT NO. 50310(1), FILED WITH THE BUREAU OF PUBLIC ROADS, DISTRICT ENGINEERS OFFICE IN ANCHORAGE, EXCEPT AS NOTED.

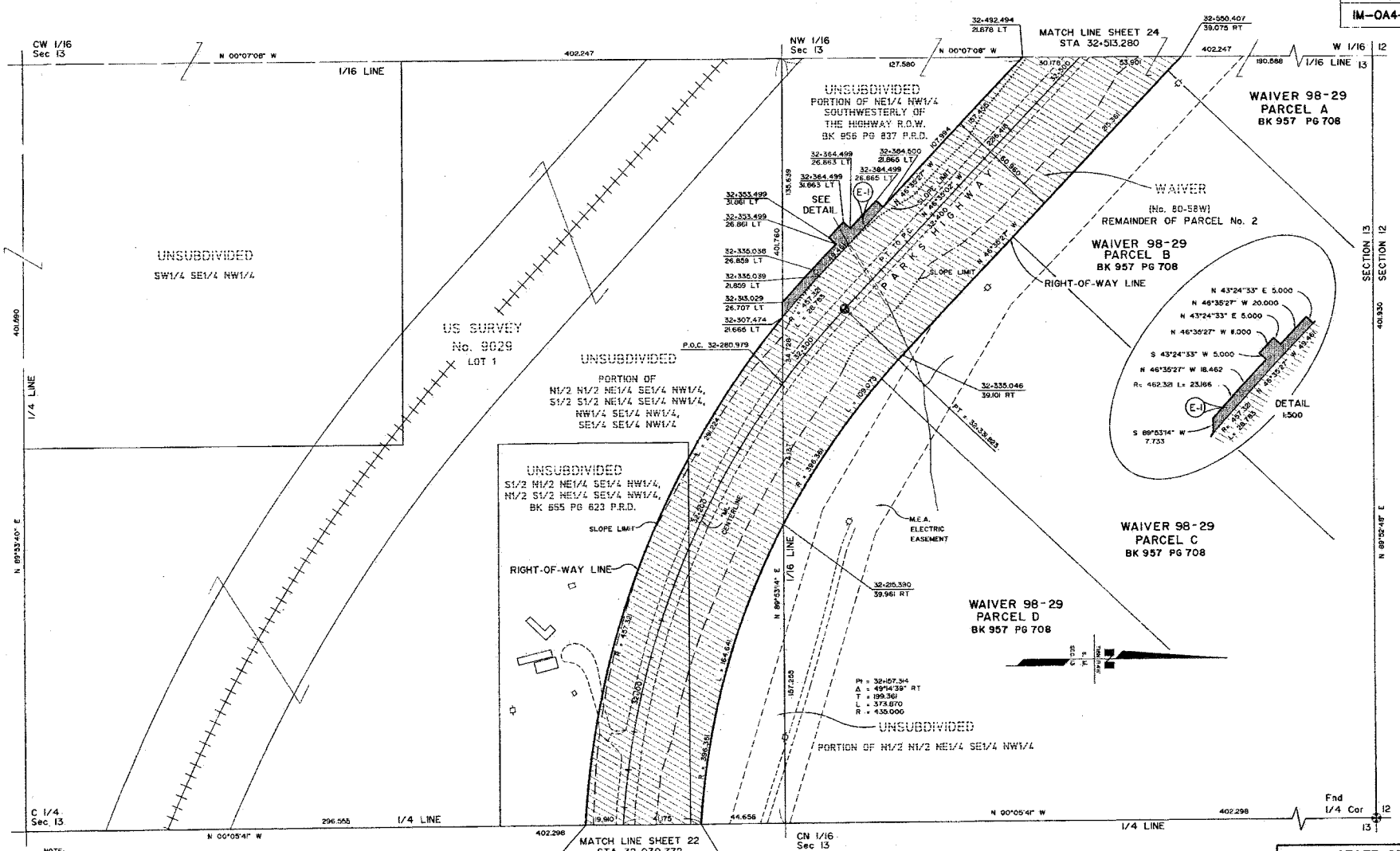
PALMER RECORDING DISTRICT 2010-42

DATE	REVISIONS	BY
4/6/10	MISC. REVISIONS	EF
12/9/99	REVISED SLOPE LIMITS AND MINOR DETAILS	SS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-0A4-1(6)
59163
PARKS HIGHWAY MILE 57 - 67

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RPB	DATE	APRIL 1999	SHEET	22 OF 53

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(14)	R23	53



NOTE:

1. STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.
2. THE RIGHT OF WAY WIDTH AS SHOWN IS BASED ON RIGHT OF WAY MAPS DATED 5/20/58, PROJECT NO. 50590(1), FILED WITH THE BUREAU OF PUBLIC ROADS, DISTRICT ENGINEERS OFFICE IN ANCHORAGE, EXCEPT AS NOTED.

PALMER RECORDING DISTRICT 2010-42

PARCEL NO.	INTEREST TO BE ACQUIRED	OWNER	LARGER PARCEL	TAKE INCLUDING EXISTING EASEMENT	NET TAKE	REMAINDER	BK.	PG.
E-I	RIGHT OF WAY EASEMENT	DALE AND HEATHER A. SMITH AND DAVID P. AND WENDY A. WILLIAMS	13.6542ha	0.0432ha	0.0432ha	13.6542ha	1091	95

PARCEL INFORMATION

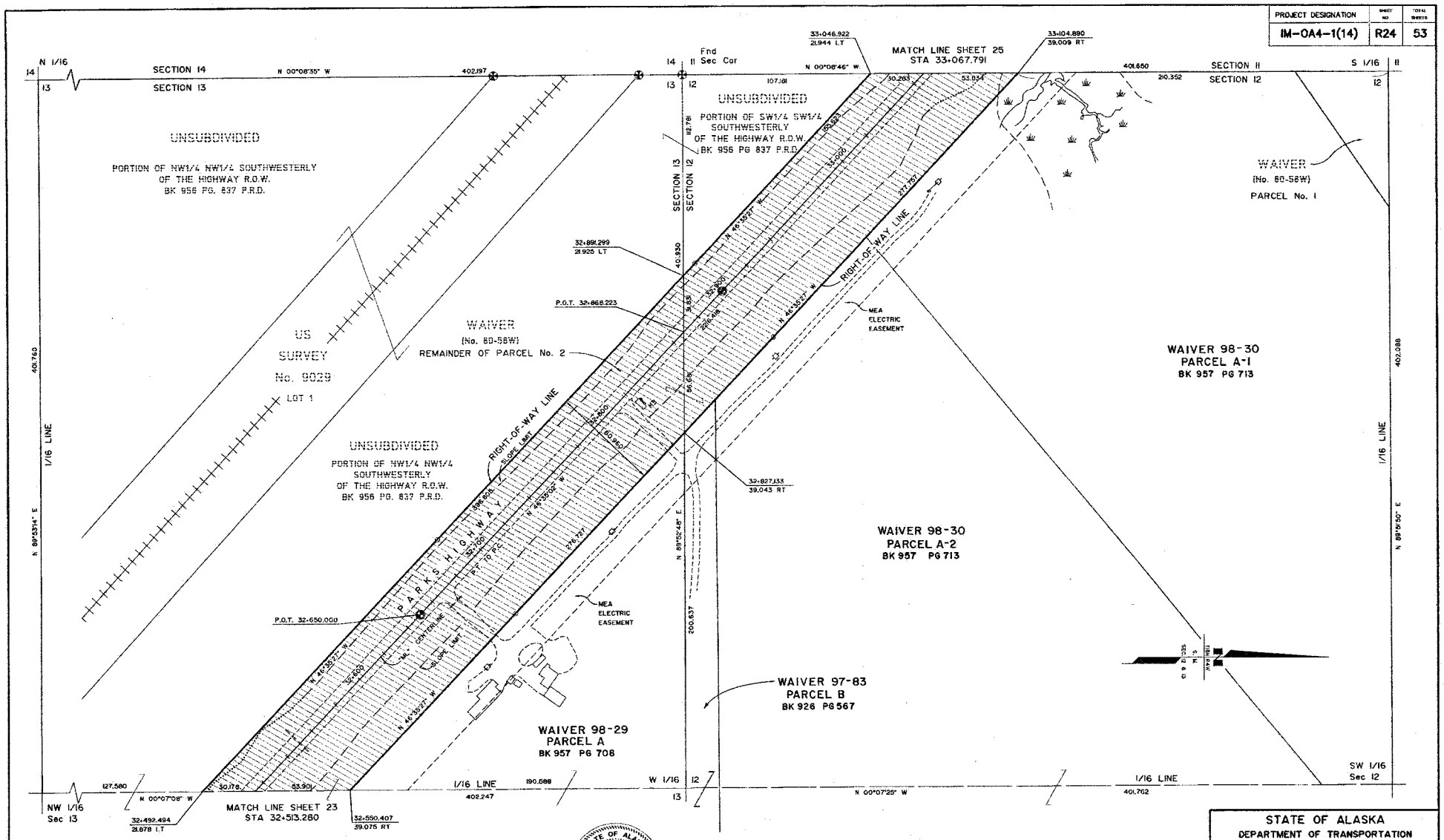
DATE	REVISIONS	BY
4/6/10	MISC. REVISIONS	EF
8/7/00	ADDED BOOK AND PAGE FOR PARCEL	JM
12/9/99	REVISED PARCEL NO. E-I, PARCEL INFORMATION, SLOPE LIMITS AND MINOR DETAILS	SS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59163
PARKS HIGHWAY MILE 57 - 67

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RPB	DATE	APRIL 1999	SHEET	23 OF 53

STATE OF ALASKA 49TH Ricky P. Bennett LS 6725 REGISTERED PROFESSIONAL LAND SURVEYOR
CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(14)	R24	53



STATE OF ALASKA
49TH
Richey P. Bennett
LS 6725
REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYOR'S CERTIFICATE

NOTE:

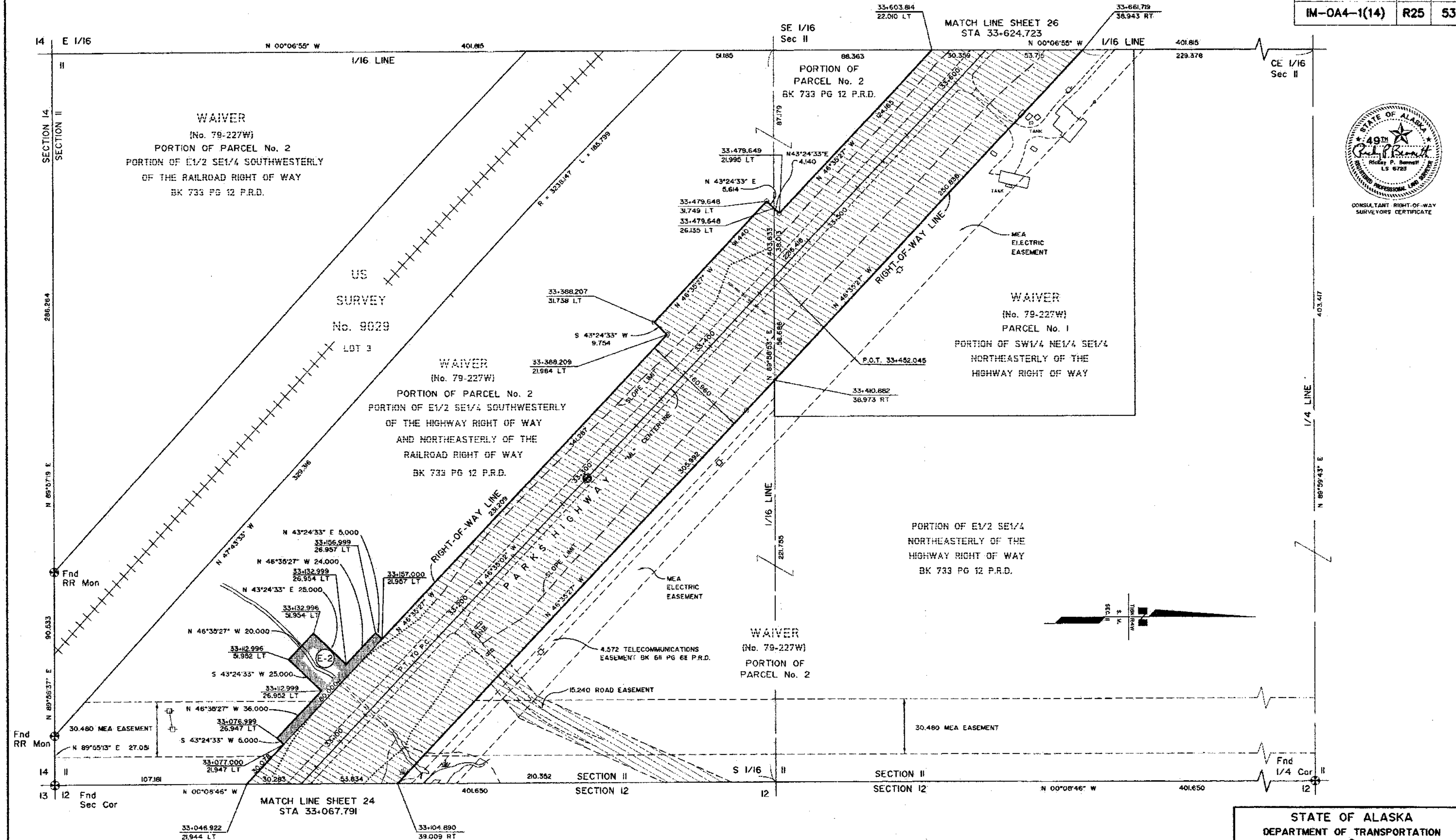
1. STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.
2. THE RIGHT OF WAY WIDTH AS SHOWN IS BASED ON RIGHT OF WAY MAPS DATED 5/20/56, PROJECT NO. 50509. FILED WITH THE BUREAU OF PUBLIC ROADS, DISTRICT ENGINEERS OFFICE IN ANCHORAGE, EXCEPT AS NOTED.

PALMER RECORDING DISTRICT 2010-42

DATE	REVISIONS	BY
4/6/10	MISC. REVISIONS	EF
12/9/99	REVISED SLOPE LIMITS AND MINOR DETAILS	SS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59163
PARKS HIGHWAY MILE 57 - 67

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	40000
CHECKED	RPB	DATE	APRIL 1999	SHEET	24 OF 53



PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-0A4-1(14)	R25	53

NOTE:

1. STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.
2. THE RIGHT OF WAY WIDTH AS SHOWN IS BASED ON RIGHT OF WAY MAPS DATED 5/20/38, PROJECT NO. 505(08), FILED WITH THE BUREAU OF PUBLIC ROADS, DISTRICT ENGINEERS OFFICE IN ANCHORAGE, EXCEPT AS NOTED.

PARCEL NO.	INTEREST TO BE ACQUIRED	OWNER	LARGER PARCEL	TAKE INCLUDING EXISTING EASEMENT	NET TAKE	REMAINDER	BK.	PG.
E-2	RIGHT OF WAY EASEMENT	W. VERNON & PENELOPE A. WOOD	5.4700ha	0.0900ha	0.0900ha	5.4700ha	1082	342

PARCEL INFORMATION

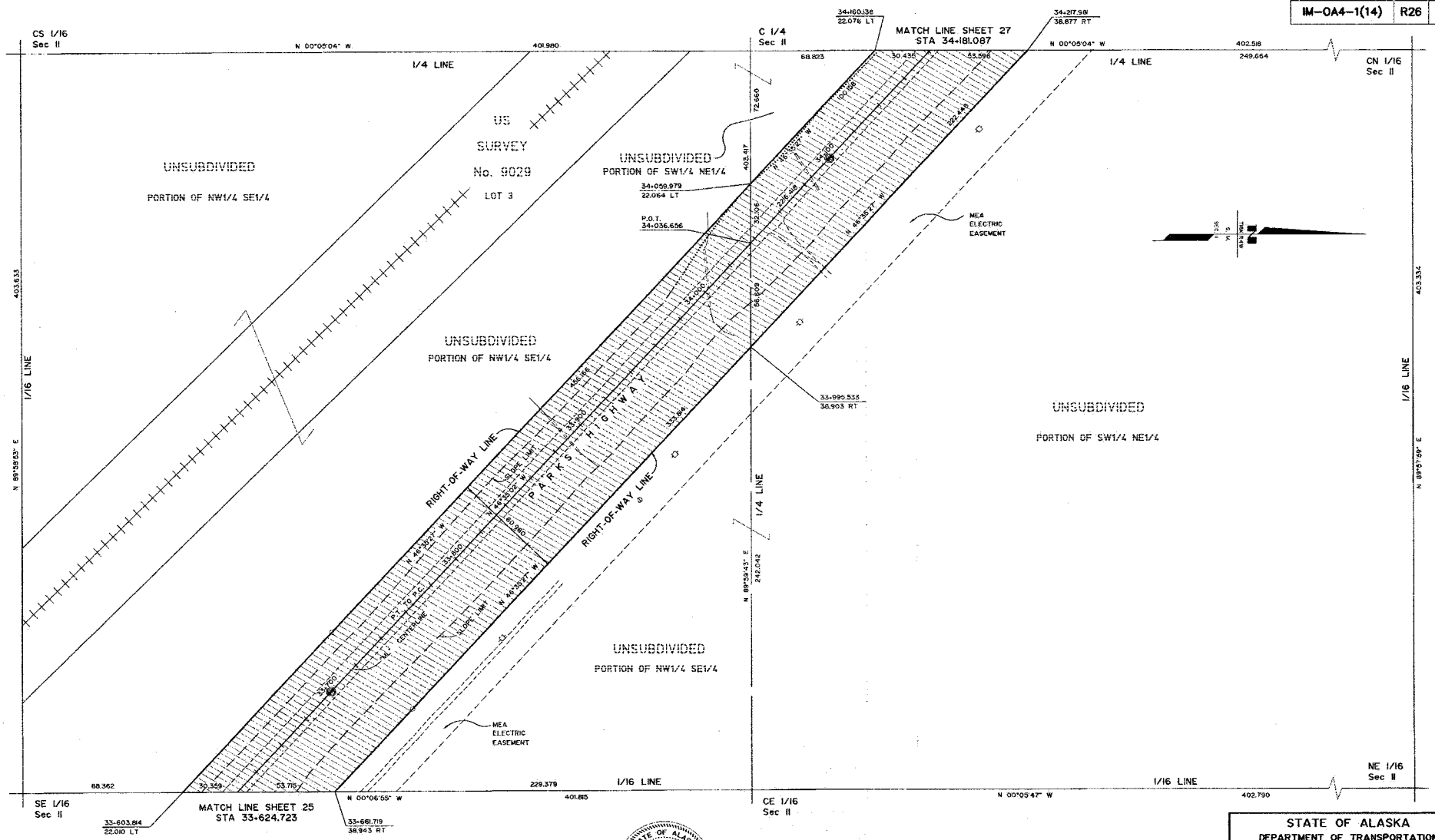
PALMER RECORDING DISTRICT 2010-42

DATE	REVISIONS	BY
11/7/00	ADDED BOOK AND PAGE FOR PARCEL	JM
9/7/00	REVISED SLOPE LIMITS AND MINOR DETAILS	JM
5/15/00	REVISED PARCEL NO. E-2 & PARCEL INFORMATION	SS
12/9/99	REVISED PARCEL NO. E-2, PARCEL INFORMATION, SLOPE LIMITS AND MINOR DETAILS	SS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-0A4-1(6)
59163
PARKS HIGHWAY MILE 57 - 67

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RPB	DATE	APRIL 1999	SHEET	25 OF 53

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(14)	R26	53



STATE OF ALASKA
49TH
Richard P. Bennett
LS 8723
REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

NOTE:

1. STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.
2. THE RIGHT OF WAY WIDTH AS SHOWN IS BASED ON RIGHT OF WAY MAPS DATED 5/20/58, PROJECT NO. S0510(8), FILED WITH THE BUREAU OF PUBLIC ROADS, DISTRICT ENGINEERS OFFICE IN ANCHORAGE, EXCEPT AS NOTED.

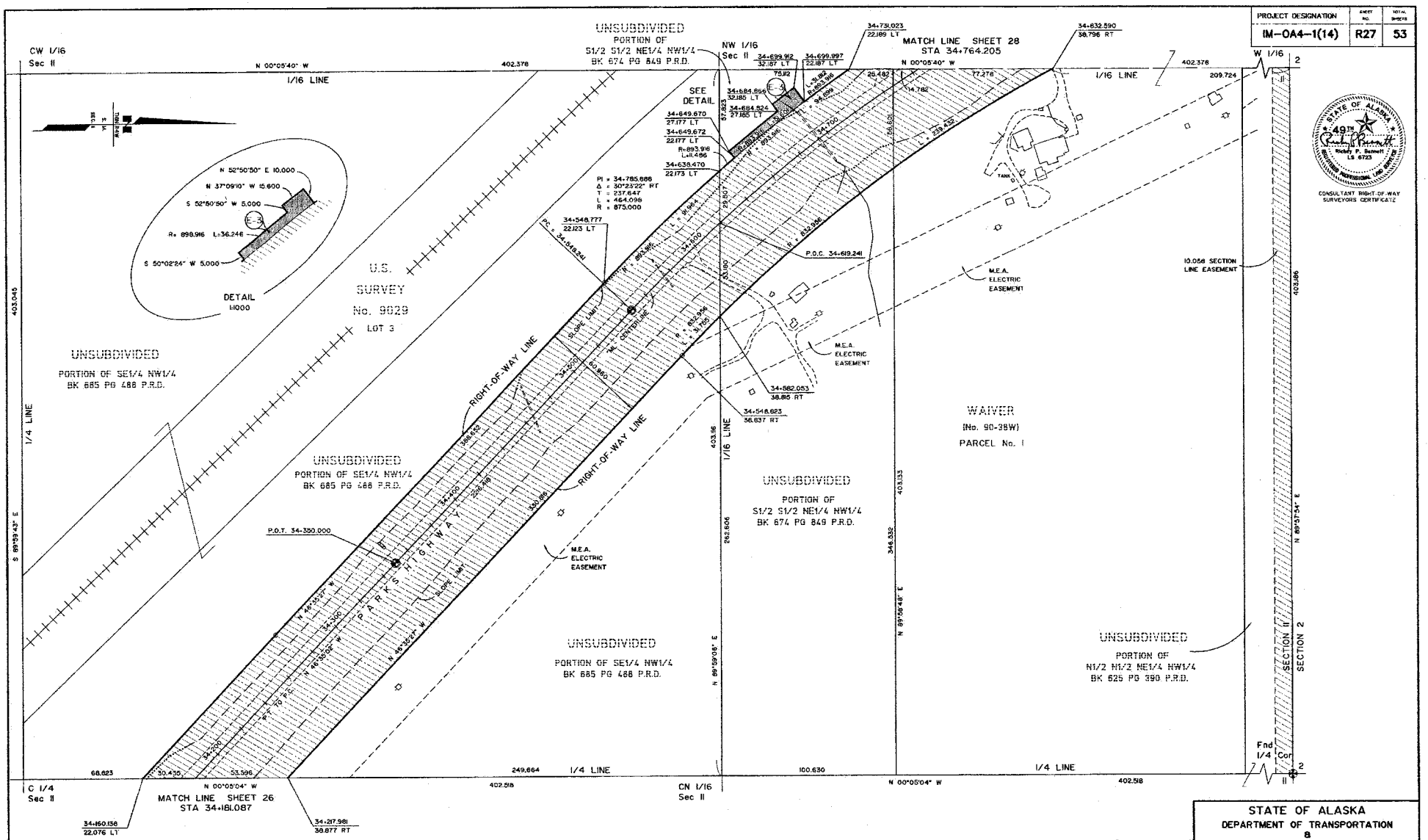
PALMER RECORDING DISTRICT 2010-42

DATE	REVISIONS	BY
9/7/00	REVISED SLOPE LIMITS AND MINOR DETAILS	JM
12/9/99	REVISED SLOPE LIMITS	SS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59163
PARKS HIGHWAY MILE 57 - 67

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RPB	DATE	APRIL 1999	SHEET	26 OF 53

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(14)	R27	53



CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

NOTE:

1. STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.
2. THE RIGHT OF WAY WIDTH AS SHOWN IS BASED ON RIGHT OF WAY MAPS DATED 5/20/58, PROJECT NO. S0160(6), FILED WITH THE BUREAU OF PUBLIC ROADS. DISTRICT ENGINEERS OFFICE IN ANCHORAGE, EXCEPT AS NOTED.

PALMER RECORDING DISTRICT 2010-42

PARCEL NO.	INTEREST TO BE ACQUIRED	OWNER	LARGER PARCEL	TAKE INCLUDING EXISTING EASEMENT	NET TAKE	REMAINDER	BK.	PG.
E-3	RIGHT OF WAY EASEMENT	RICHARD BELL	4.0559ha	0.0336ha	0.0336ha	4.0559ha	1082	338

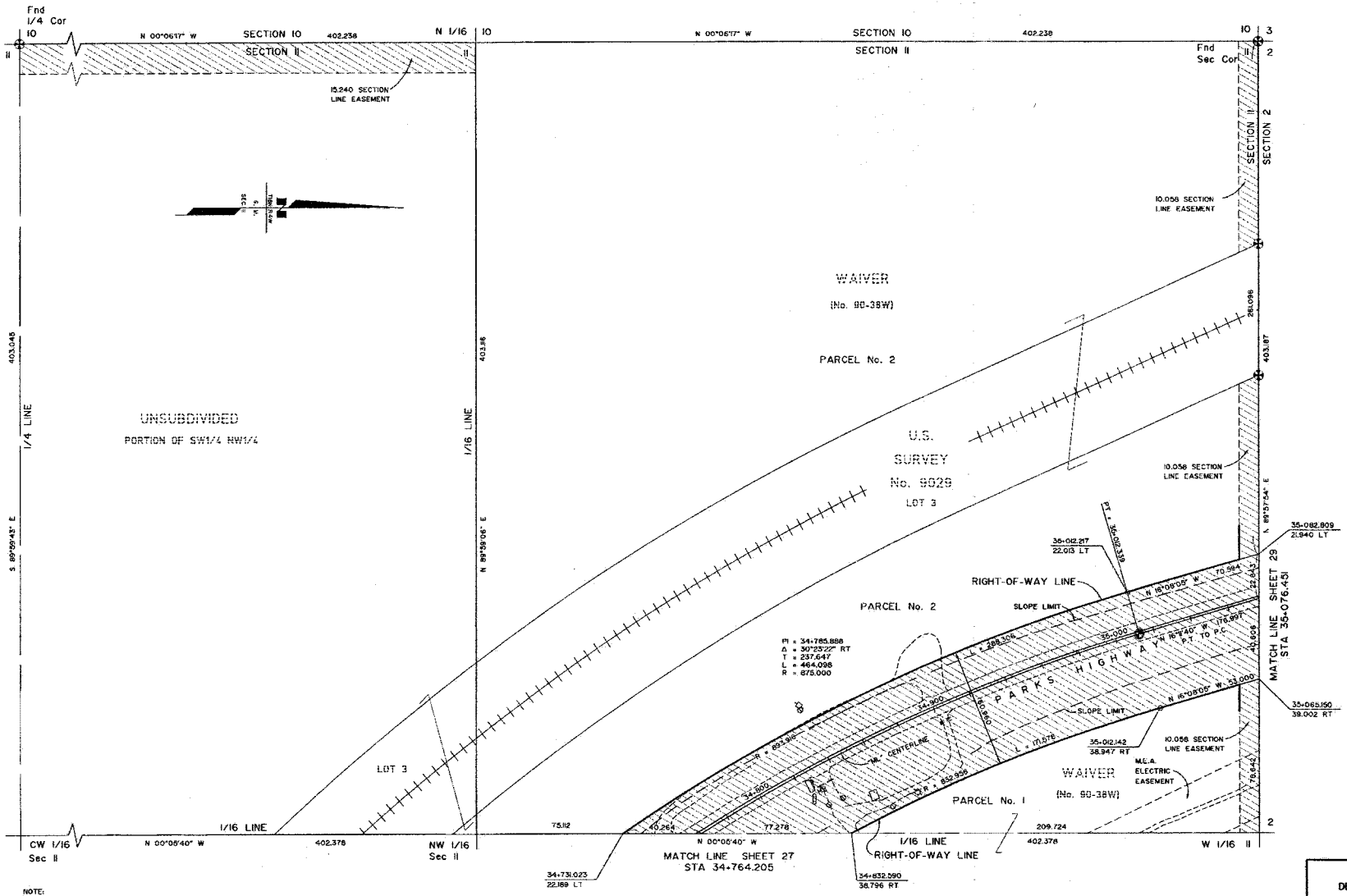
PARCEL INFORMATION

DATE	REVISIONS	BY
11/7/00	ADDED BOOK AND PAGE FOR PARCEL	JM
12/9/99	REVISED PARCEL NO. E-3, PARCEL INFORMATION, SLOPE LIMITS AND MINOR DETAILS	SS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59163
PARKS HIGHWAY MILE 57 - 67

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RPB	DATE	APRIL 1999	SHEET	27 OF 53

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-0A4-1(14)	R28	53



NOTE:

1. STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.
2. THE RIGHT OF WAY WIDTH AS SHOWN IS BASED ON RIGHT OF WAY MAPS DATED 5/20/58, PROJECT NO. 50501B, FILED WITH THE BUREAU OF PUBLIC ROADS, DISTRICT ENGINEERS OFFICE IN ANCHORAGE, EXCEPT AS NOTED.

PALMER RECORDING DISTRICT 2010-42

DATE	REVISIONS	BY
12/9/99	REVISED SLOPE LIMITS AND MINOR DETAILS	SS

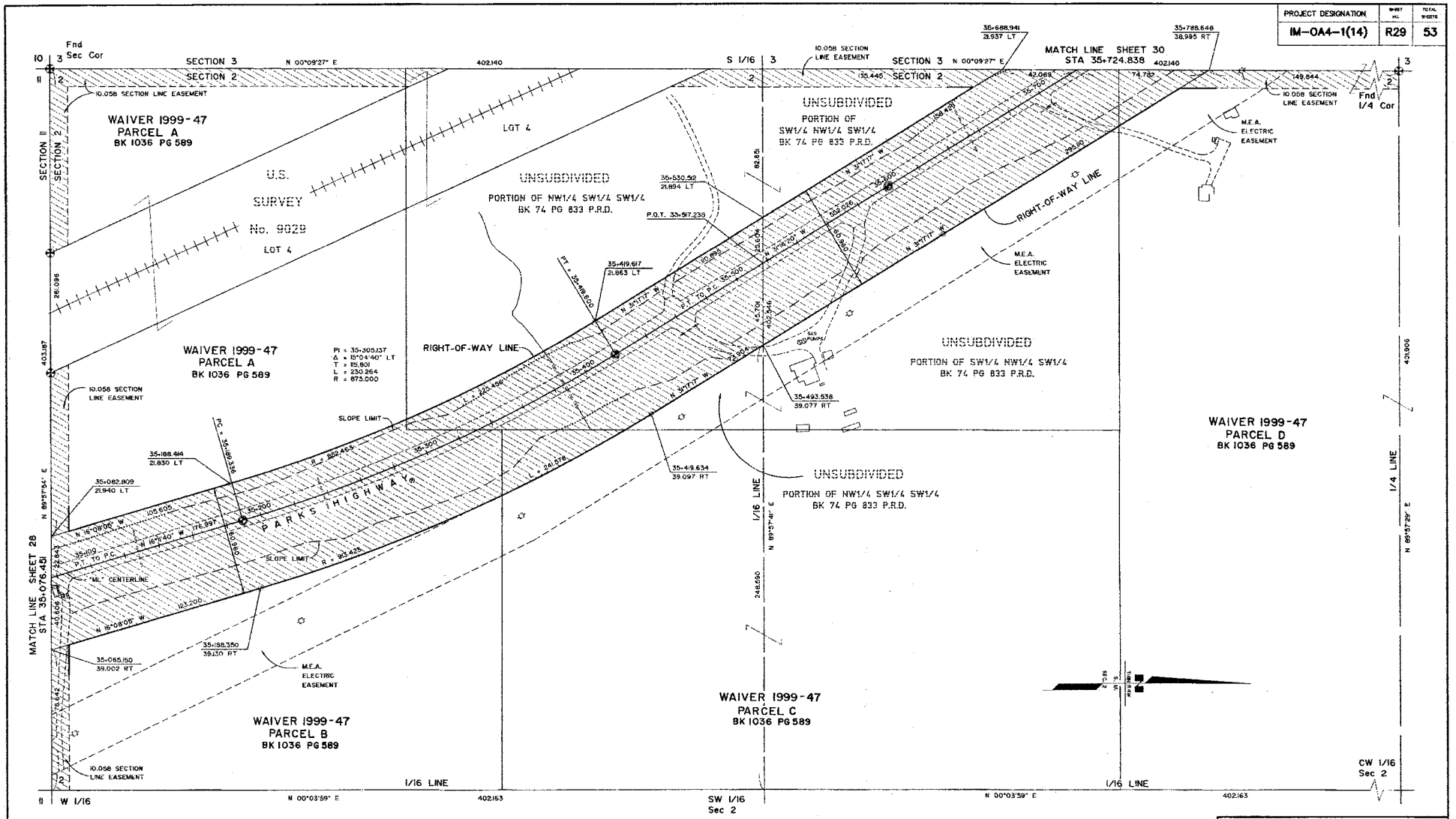
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-0A4-1(6)
59163
PARKS HIGHWAY MILE 57 - 67

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	1/1000
CHECKED	RPB	DATE	APRIL 1999	SHEET	28 OF 53

STATE OF ALASKA 49TH Robert P. Bennett LS 5723 PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-0A4-1(14)	R29	53



CONSULTANT RIGHT-OF-WAY SURVEYOR'S CERTIFICATE

NOTE:

1. STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.
2. THE RIGHT OF WAY WIDTH AS SHOWN IS BASED ON RIGHT OF WAY MAPS DATED 5/20/58, PROJECT NO. 50501B, FILED WITH THE BUREAU OF PUBLIC ROADS, DISTRICT ENGINEERS OFFICE IN ANCHORAGE, EXCEPT AS NOTED.

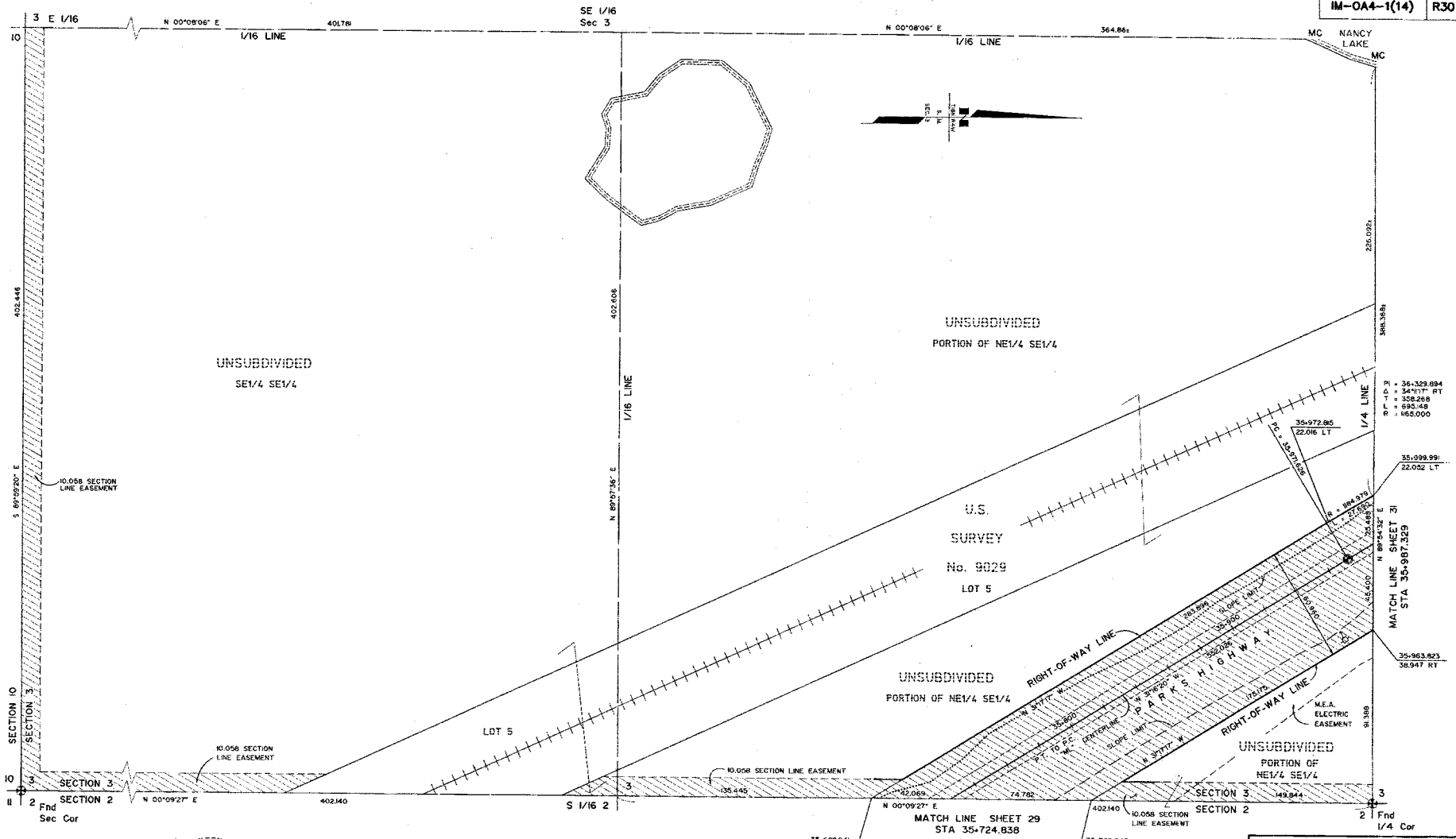
PALMER RECORDING DISTRICT 2010-42

DATE	REVISIONS	BY
4/6/10	MISC. REVISIONS	EF
12/9/99	REVISED SLOPE LIMITS AND MINOR DETAILS	SS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-0A4-1(6)
59163
PARKS HIGHWAY MILE 57 - 67

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RPB	DATE	APRIL 1999	SHEET	29 OF 53

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(14)	R30	53



STATE OF ALASKA
49TH
Richey P. Bennett
LS 6725
REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

NOTE:

1. STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.
2. THE RIGHT OF WAY WIDTH AS SHOWN IS BASED ON RIGHT OF WAY MAPS DATED 5/20/58, PROJECT NO. 50500(1), FILED WITH THE BUREAU OF PUBLIC ROADS, DISTRICT ENGINEERS OFFICE IN ANCHORAGE, EXCEPT AS NOTED.

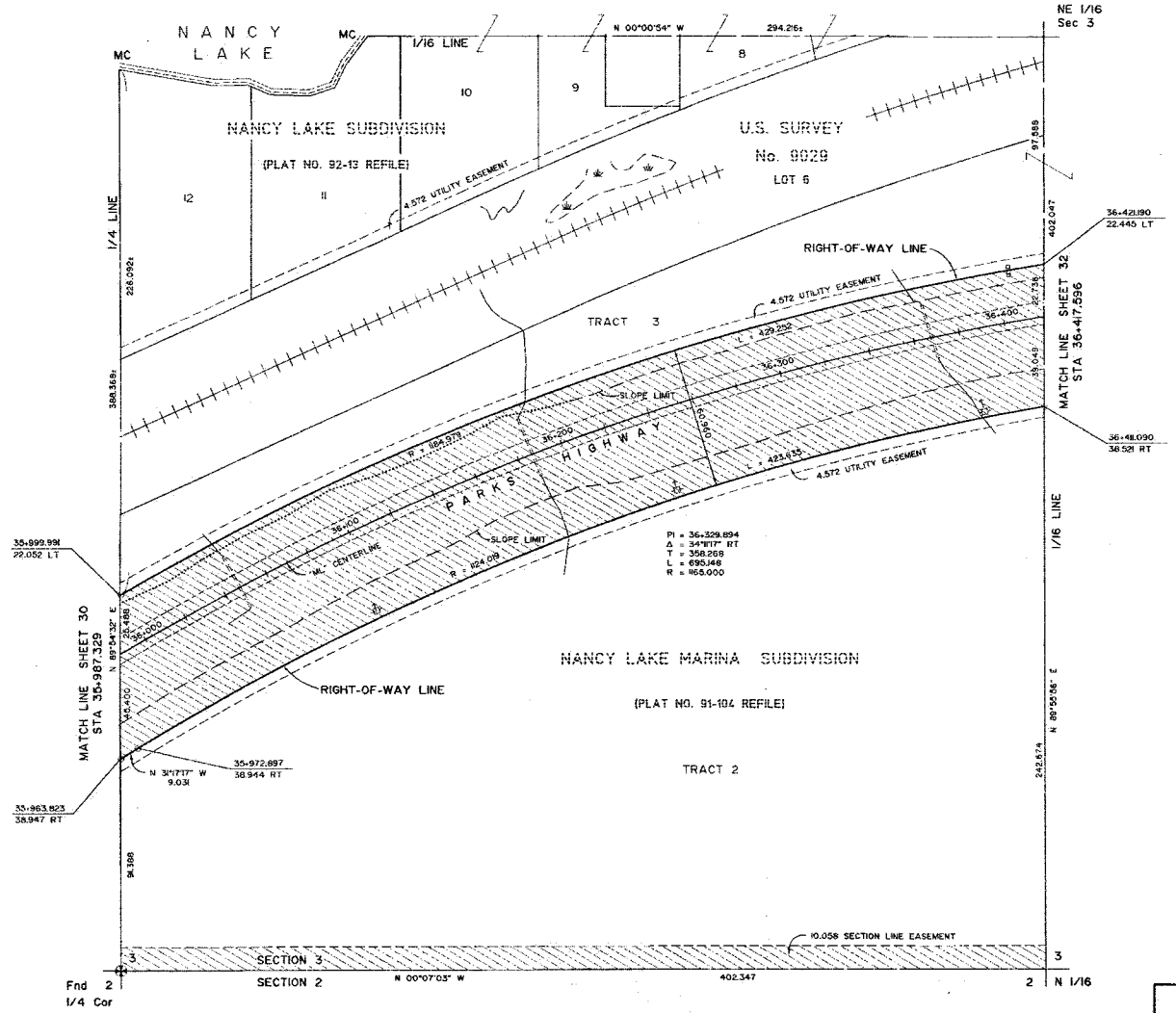
PALMER RECORDING DISTRICT 2010-42

DATE	REVISIONS	BY
12/9/99	REVISED SLOPE LIMITS AND MINOR DETAILS	SS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59163
PARKS HIGHWAY MILE 57 - 67

DRAWN	NFD/SS	DATE APRIL 1999	SCALE 1:1000
CHECKED	RPB	DATE APRIL 1999	SHEET 30 OF 53

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(14)	R31	53



NOTE:

1. STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.
2. THE RIGHT OF WAY WIDTH AS SHOWN IS BASED ON RIGHT OF WAY MAPS DATED 5/20/58, PROJECT NO. 50610(1), FILED WITH THE BUREAU OF PUBLIC ROADS, DISTRICT ENGINEERS OFFICE IN ANCHORAGE, EXCEPT AS NOTED.

STATE OF ALASKA 49TH Rodney P. Bennett LS 6723 REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

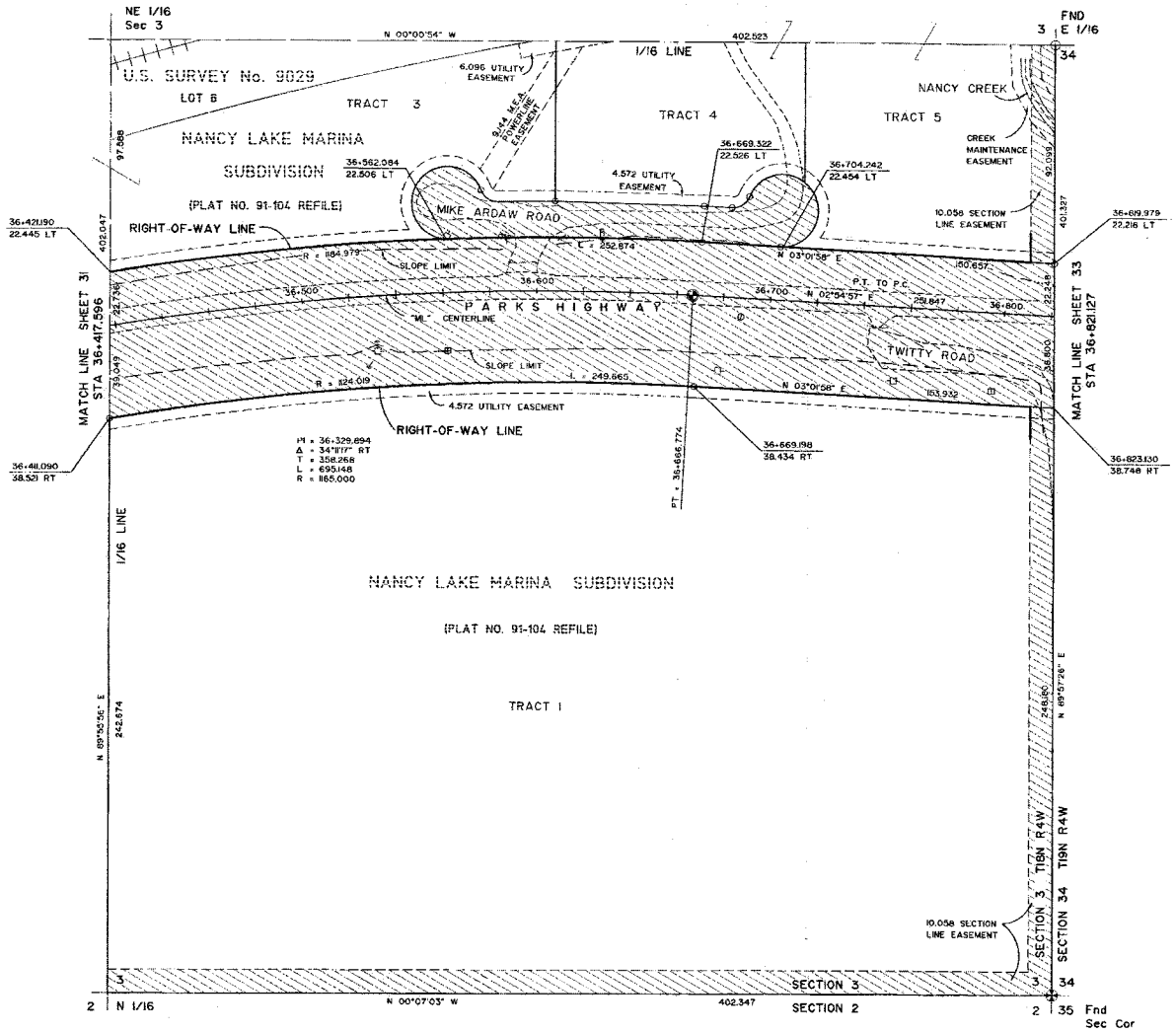
PALMER RECORDING DISTRICT 2010-42

DATE	REVISIONS	BY
9/7/00	REVISED SLOPE LIMITS AND MINOR DETAILS	JM
12/9/99	REVISED SLOPE LIMITS	SS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59163
PARKS HIGHWAY MILE 57 - 67

DRAWN	MFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RPB	DATE	APRIL 1999	SHEET	31 OF 53

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-0A4-1(14)	R32	53



STATE OF ALASKA
49TH
Richey P. Bennett
LS 6723
REGISTERED PROFESSIONAL LAND SURVEYOR
CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

NOTE:

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2. THE RIGHT OF WAY WIDTH AS SHOWN IS BASED ON RIGHT OF WAY MAPS DATED 5/20/58, PROJECT NO. 50908, FILED WITH THE BUREAU OF PUBLIC ROADS, DISTRICT ENGINEERS OFFICE IN ANCHORAGE, EXCEPT AS NOTED.

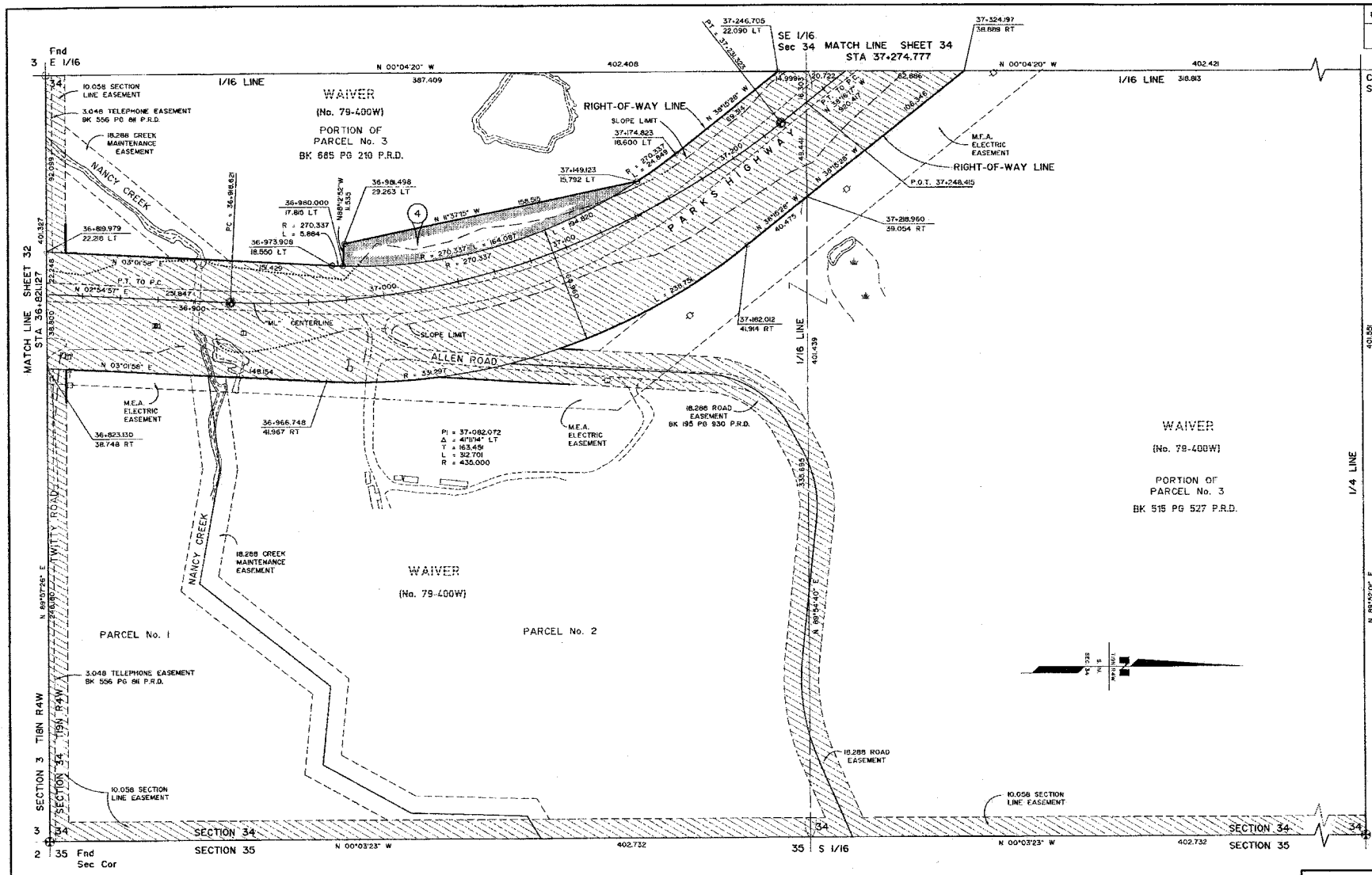
PALMER RECORDING DISTRICT 2010-42

DATE	REVISIONS	BY
9/7/00	REVISED SLOPE LIMITS AND MINOR DETAILS	JM
12/9/99	REVISED SLOPE LIMITS AND MINOR DETAILS	SS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-0A4-1(6)
59163
PARKS HIGHWAY MILE 57 - 67

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RPB	DATE	APRIL 1999	SHEET	32 OF 53

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(14)	R33	53



STATE OF ALASKA
49TH
Ricky P. Bennett
LS 6723
REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

NOTE:

1. THE RIGHT OF WAY WIDTH AS SHOWN IS BASED ON RIGHT OF WAY MAPS DATED 5/20/58, PROJECT NO. S051011, FILED WITH THE BUREAU OF PUBLIC ROADS, DISTRICT ENGINEERS OFFICE IN ANCHORAGE, EXCEPT AS NOTED.
2. STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.

PALMER RECORDING DISTRICT 2010-42

DATE	REVISIONS	BY
4/6/10	MISC. REVISIONS	EF
11/7/00	ADDED BOOK AND PAGE FOR PARCEL	JM
9/7/00	SLOPE LIMITS AND MINOR DETAILS	JM
12/9/99	REVISED PARCEL NO. 4, PARCEL INFORMATION, SLOPE LIMITS AND ADDED TELEPHONE EASEMENT	SS

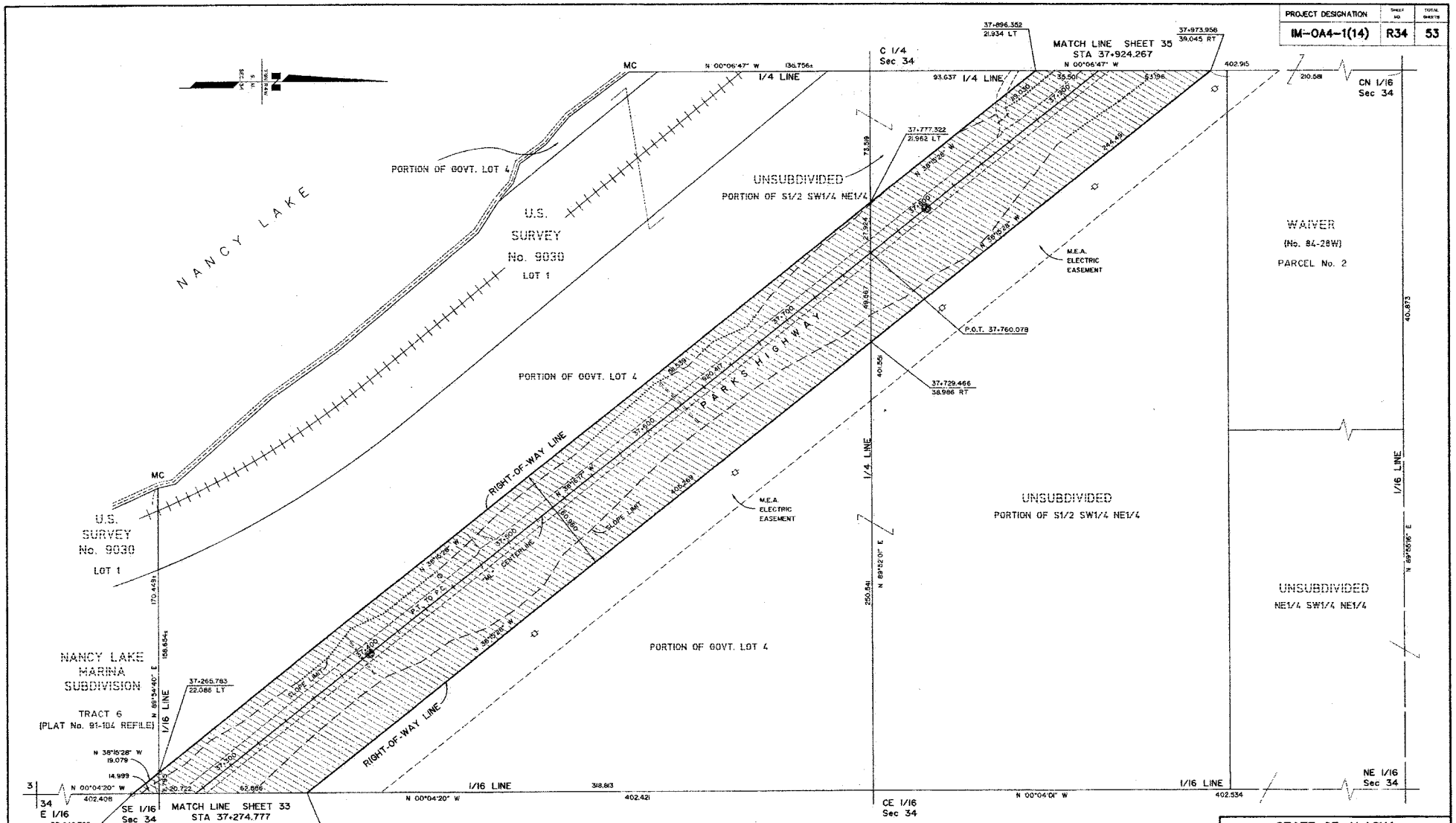
PARCEL NO.	INTEREST TO BE ACQUIRED	OWNER	LARGER PARCEL	TAKE INCLUDING EXISTING EASEMENT	NET TAKE	REMAINDER	BK.	PG. RECORDED
4	FEE	ARTHUR L. WALDRON	3.0942ha	0.2226ha	0.2226ha	2.8716ha	1091	863

PARCEL INFORMATION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59463
PARKS HIGHWAY MILE 57 - 67

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RPB	DATE	APRIL 1999	SHEET	33 OF 53

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-0A4-1(14)	R34	53



CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

NOTE:

1. STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.
2. THE RIGHT OF WAY WIDTH AS SHOWN IS BASED ON RIGHT OF WAY MAPS DATED 5/20/58, PROJECT NO. S0510(1), FILED WITH THE BUREAU OF PUBLIC ROADS, DISTRICT ENGINEER'S OFFICE IN ANCHORAGE, EXCEPT AS NOTED.

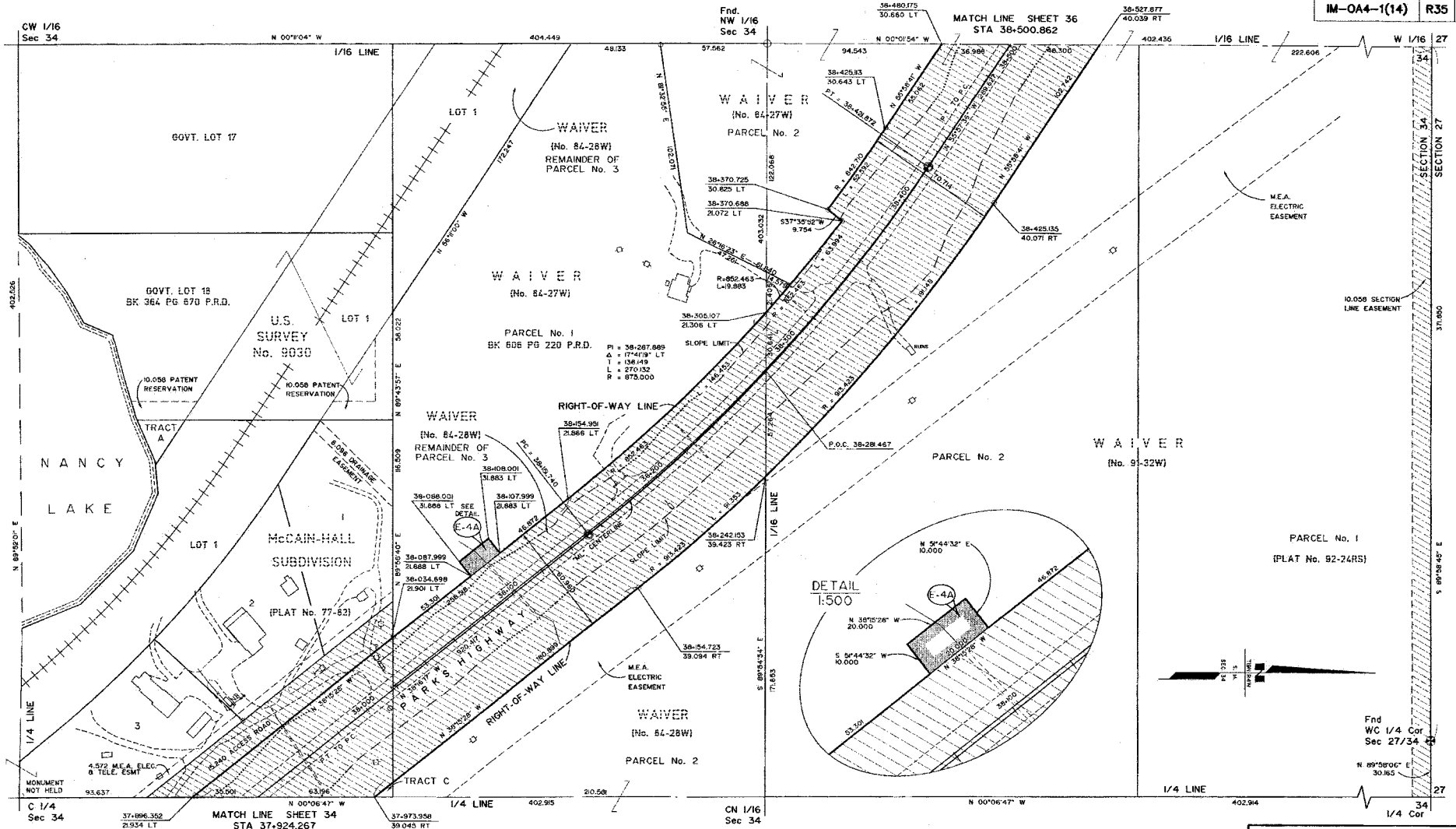
PALMER RECORDING DISTRICT 2010-42

DATE	REVISIONS	BY
4/6/10	MISC REVISIONS	EF
12/9/99	REVISED SLOPE LIMITS AND MINOR DETAILS	SS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-0A4-1(6)
59163
PARKS HIGHWAY MILE 57 - 67

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RPB	DATE	APRIL 1999	SHEET	34 OF 53

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(14)	R35	53



E-4A	RIGHT OF WAY EASEMENT	RICHARD C. HERSEY	3.5252 ha	0.0200 ha	0.0200 ha	3.5252 ha	1082	346
PARCEL NO.	INTEREST TO BE ACQUIRED	OWNER	LARGER PARCEL	TAKE INCLUDING EXISTING EASEMENT	NET TAKE	REMAINDER	BK. RECORDED	PG.

PARCEL INFORMATION

STATE OF ALASKA 49TH Richy P. Bennett LS 6723 REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

NOTE:

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2. THE RIGHT OF WAY WIDTH AS SHOWN IS BASED ON RIGHT OF WAY MAPS DATED 5/20/58, PROJECT NO. 50S(01), FILED WITH THE BUREAU OF PUBLIC ROADS, DISTRICT ENGINEERS OFFICE IN ANCHORAGE, EXCEPT AS NOTED.

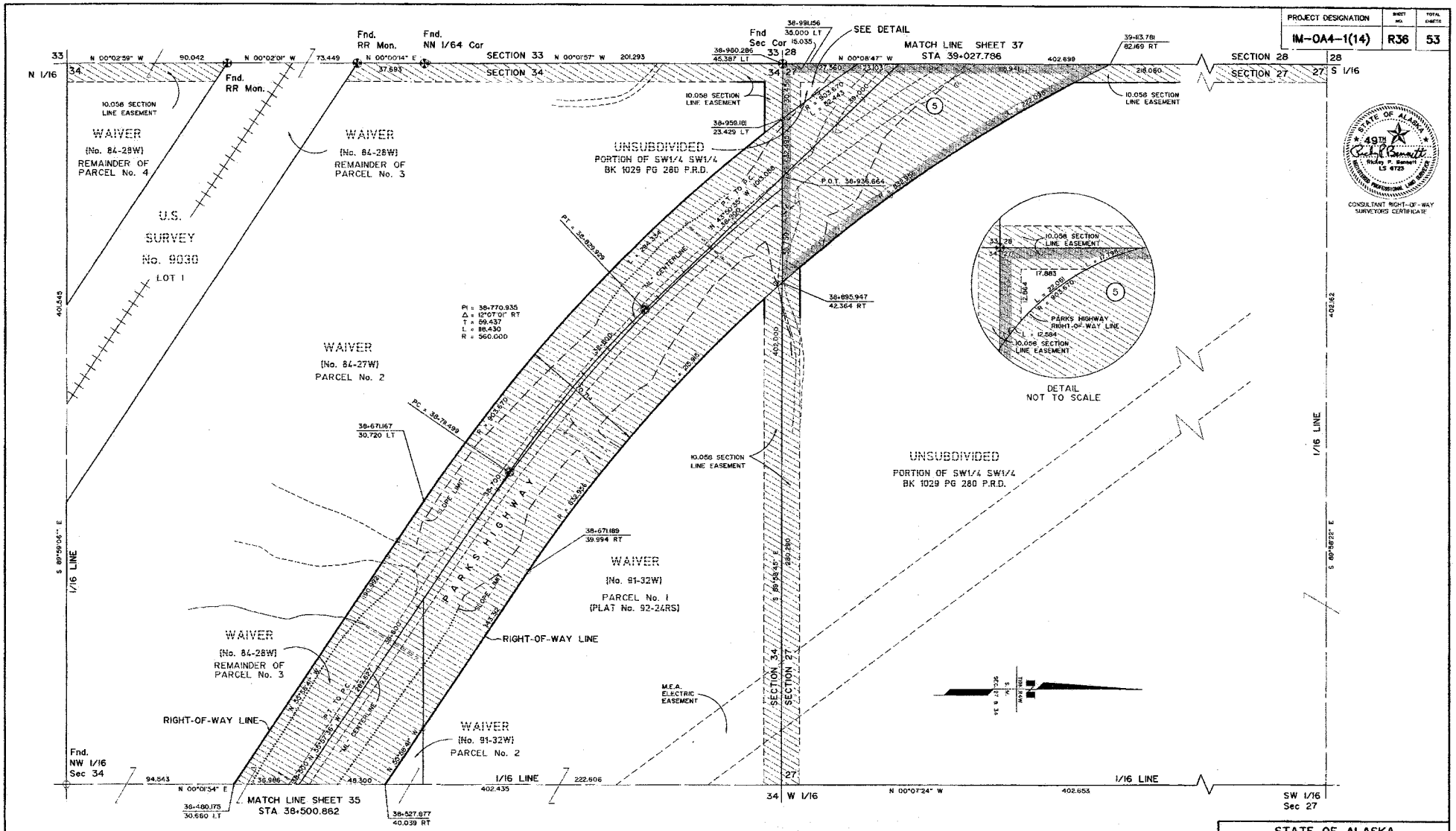
PALMER RECORDING DISTRICT 2010-42

DATE	REVISIONS	BY
4/6/10	MISC. REVISIONS	EF
11/7/00	ADDED BOOK AND PAGE FOR PARCEL	JM
01/17/00	ADDED PARCEL NO. E-4A, PARCEL INFORMATION, PARCEL DIMENSIONS AND MINOR DETAILS	RB
12/9/99	REVISED SLOPE LIMITS	SS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59163
PARKS HIGHWAY MILE 57 - 67

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RPB	DATE	APRIL 1999	SHEET	35 OF 53

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-0A4-1(14)	R36	53



CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

PALMER RECORDING DISTRICT 2010-42

5	FEE	THEODORE ARTHUR AND DEBORAH LYNNE NORRIS	16.1908ha	1.0144ha	0.0114ha	15.1764ha	1069	835
PARCEL NO.	INTEREST TO BE ACQUIRED	OWNER	LARGER PARCEL	TAKE INCLUDING EXISTING EASEMENT	NET TAKE	REMAINDER	BK.	PG. RECORDED

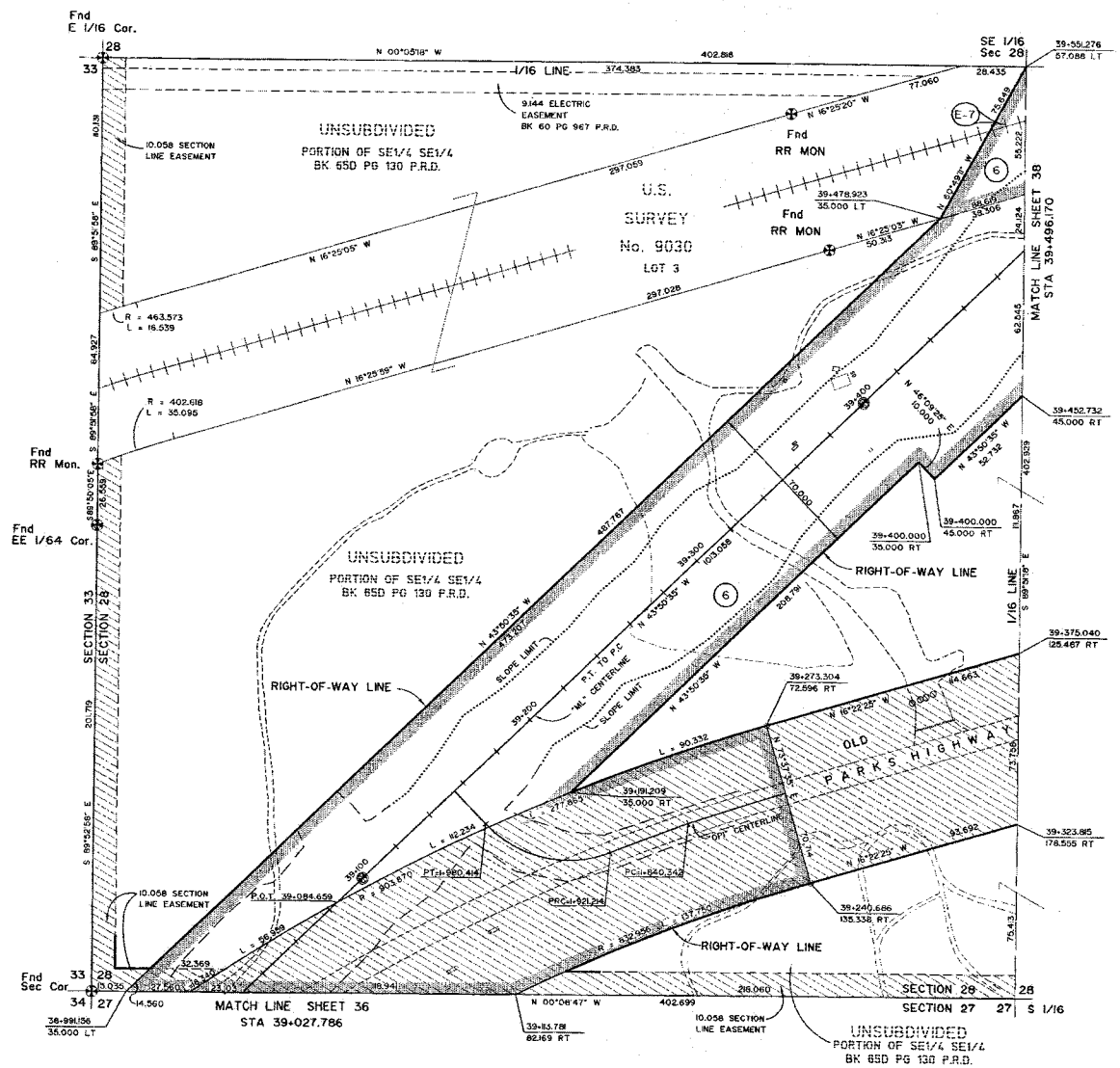
PARCEL INFORMATION

DATE	REVISIONS	BY
11/7/00	ADDED BOOK AND PAGE FOR PARCEL	JM
9/7/00	SLOPE LIMITS AND MINOR DETAILS	JM
12/9/99	REVISED PARCEL NO. 5 PARCEL INFORMATION, SLOPE LIMITS AND MINOR DETAILS	SS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-0A4-1(6)
59163
PARKS HIGHWAY MILE 57 - 67

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RPB	DATE	APRIL 1999	SHEET	36 OF 53

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(14)	R37	53



NOTE:

1. STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.
2. THE RIGHT OF WAY WIDTH AS SHOWN IS BASED ON RIGHT OF WAY MAPS DATED 5/20/58, PROJECT NO. 50508, FILED WITH THE BUREAU OF PUBLIC ROADS, DISTRICT ENGINEERS OFFICE IN ANCHORAGE, EXCEPT AS NOTED.

PARCEL NO.	INTEREST TO BE ACQUIRED	OWNER	LARGER PARCEL	TAKE INCLUDING EXISTING EASEMENT	NET TAKE	REMAINDER	BK. RECORDED	PG. RECORDED
E-7	PERMIT	ALASKA RAILROAD CORPORATION	LARGE	1.3814ha	1.3814ha	LARGE		
6	FEE	EARL F. & NATALIE A. NORRIS	32.4509ha	5.5784ha	3.4397ha	26.8725ha	1089	840

PARCEL INFORMATION

PALMER RECORDING DISTRICT 2010-42

DATE	REVISIONS	BY
11/7/00	ADDED BOOK AND PAGE FOR PARCEL	JM
12/9/99	REVISED PARCEL NO. E-7, PARCEL INFORMATION, SLOPE LIMITS AND MINOR DETAILS	SS

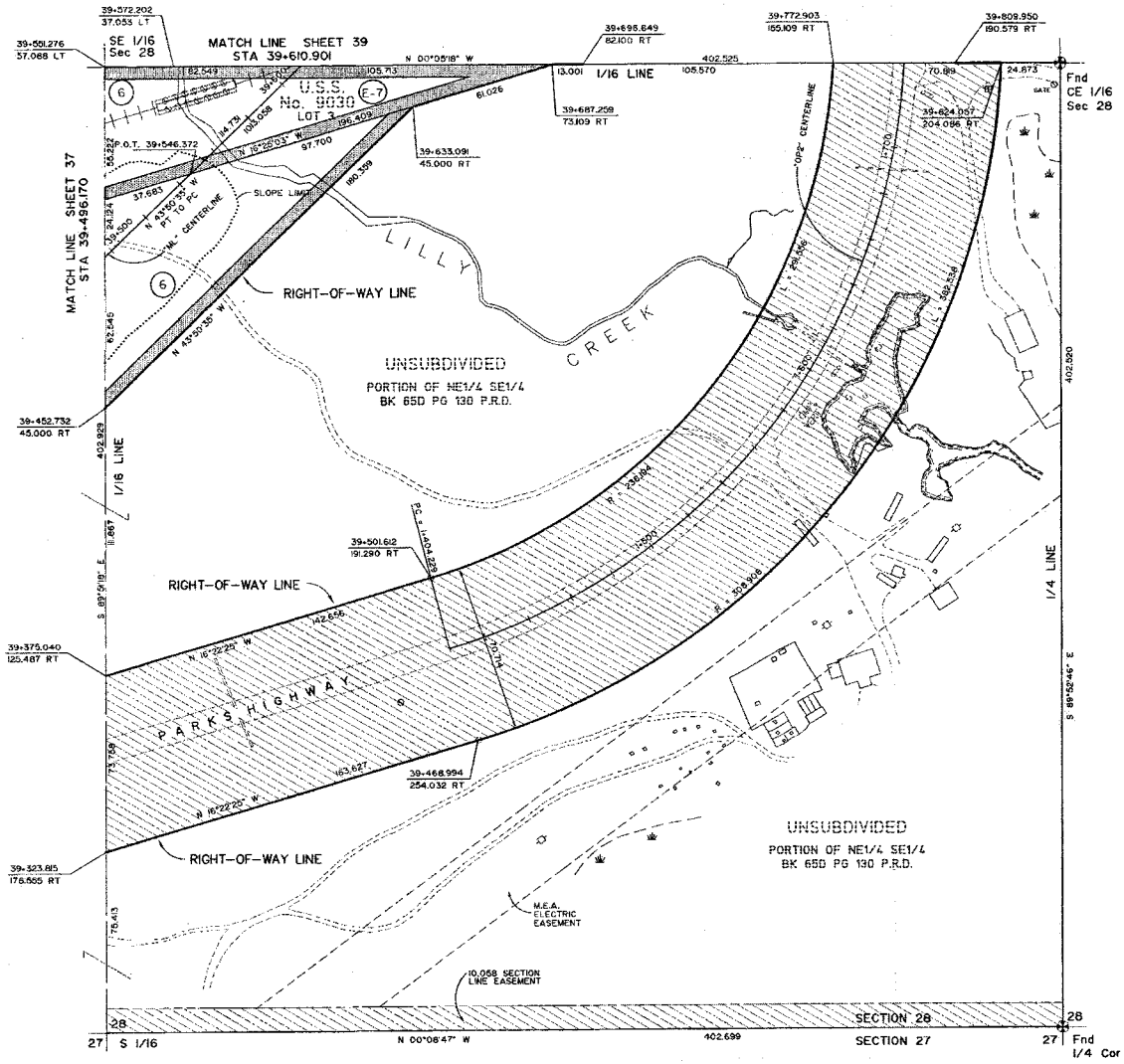
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59163
PARKS HIGHWAY MILE 57 - 67

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RPB	DATE	APRIL 1999	SHEET	37 OF 53

STATE OF ALASKA 49TH Richard P. Bennett LS 6723 PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-0A4-1(14)	R38	53



CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

NOTE:

1. STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.
2. THE RIGHT OF WAY WIDTH AS SHOWN IS BASED ON RIGHT OF WAY MAPS DATED 5/20/58, PROJECT NO. 50908, FILED WITH THE BUREAU OF PUBLIC ROADS, DISTRICT ENGINEERS OFFICE IN ANCHORAGE, EXCEPT AS NOTED

PALMER RECORDING DISTRICT 2010-42

PARCEL NO.	INTEREST TO BE ACQUIRED	OWNER	LARGER PARCEL	TAKE INCLUDING EXISTING EASEMENT	NET TAKE	REMAINDER	BK.	PG. RECORDED
E-7	PERMIT	ALASKA RAILROAD CORPORATION	LARGE	1.3814ha	1.3814ha	LARGE		
6	FEE	EARL F. & NATALIE A. NORRIS	32.4509ha	5.5784ha	3.4397ha	26.8725ha	1089	840

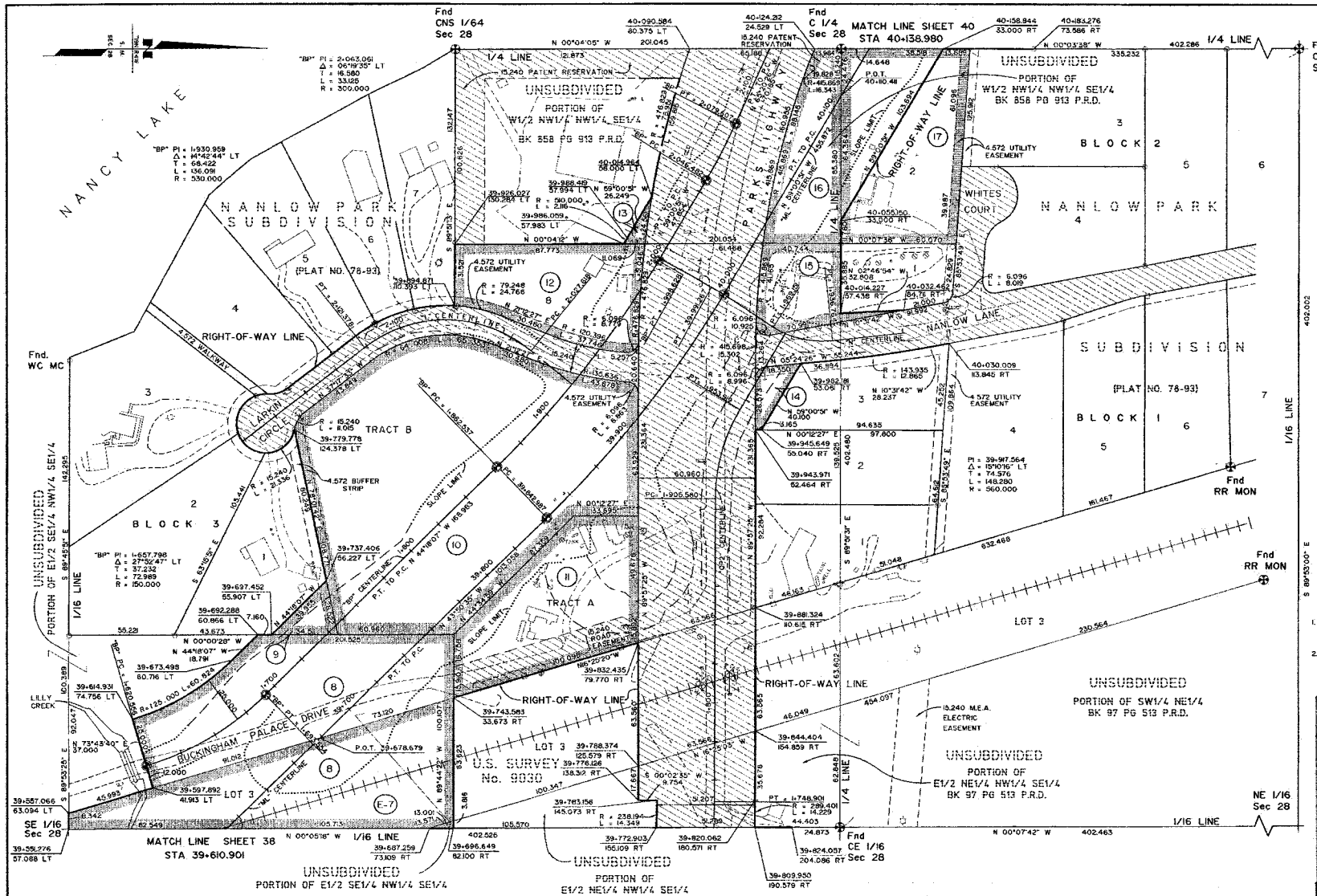
PARCEL INFORMATION

DATE	REVISIONS	BY
11/7/00	ADDED BOOK AND PAGE FOR PARCEL	JM
10/10/00	ADDED "OP2" CENTERLINE	NY
12/9/99	REVISED PARCEL NO. E-7, SLOPE LIMITS AND MINOR DETAILS	SS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-0A4-1(6)
59163
PARKS HIGHWAY MILE 57 - 67

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RPB	DATE	APRIL 1999	SHEET	38 OF 53

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-0A4-1(14)	R39	53



CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

NOTE:

1. STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.
2. THE RIGHT OF WAY WIDTH AS SHOWN IS BASED ON RIGHT OF WAY MAPS DATED 5/20/58, PROJECT NO. S0960(1), FILED WITH THE BUREAU OF PUBLIC ROADS, DISTRICT ENGINEERS OFFICE IN ANCHORAGE, EXCEPT AS NOTED.

PALMER RECORDING DISTRICT 2010-42

DATE	REVISIONS	BY
4/6/10	MISC. REVISIONS.	EF
11/7/00	ADDED BOOK AND PAGE FOR PARCELS	JM
10/10/00	REVISED PRCL. NO. 10. TAKE AND	JM
	"OP2 CENTERLINE".	
09/01/00	REVISED PRCL. NO. 15 TAKE, PRCL. NO. 17 ROW	JM
	LINE AND MISC.TEXT, ADDED BP CENTERLINE MONS.	
01/19/00	REVISED PARCEL NO. 17 TAKE, PARCEL	RB
	INFORMATION AND MINOR DETAILS.	
12/09/99	REVISED PARCEL NO 14 OWNER, PARCELS NOS.	SS
	E-7 AND 8 PARCEL INFORMATION, SLOPE	
	LIMITS AND MINOR DETAILS	

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES

RIGHT OF WAY MAP
ALASKA PROJECT NO.

I-0A4-1(6)
59163

PARKS HIGHWAY MILE 57 - 67

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RPB	DATE	APRIL 1999	SHEET	39 OF 53

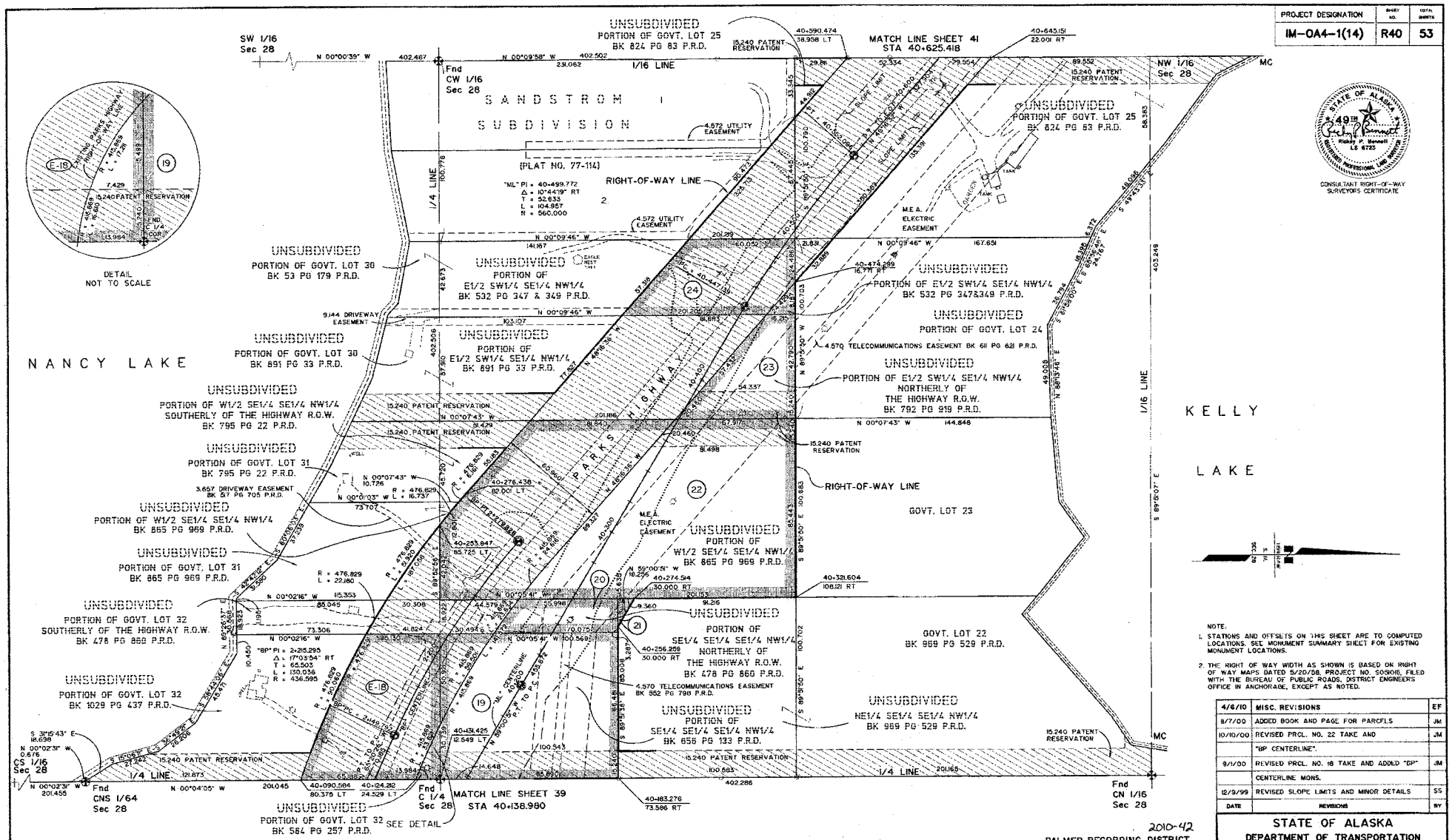
PARCEL INFORMATION

PARCEL NO.	INTEREST TO BE ACQUIRED	OWNER	LARGER PARCEL	TAKE INCLUDING EXISTING EASEMENT	NET TAKE	REMAINDER	BK. PG. RECORDED
12	FEE	RAYMOND B. & LINDA M. KELLEY	0.4358ha	0.4358ha	0.4358ha	0.0000ha	1082 197
11	FEE	HENRY E. & PHYLLIS G. OGAR	0.5746ha	0.5746ha	0.4221ha	0.0000ha	1084 5
10	FEE	HENRY E. & PHYLLIS G. OGAR	1.9987ha	1.9987ha	1.9987ha	0.0000ha	1084 4
9	FEE	JAMES C. SAGE	0.4925ha	0.0481ha	0.0481ha	0.4444ha	1083 975
8	E.MA	STATE OF ALASKA	2.0189ha	1.5355ha	0.7753ha	0.4834ha	
E-7	PERMIT	ALASKA RAILROAD CORPORATION	LARGE	1.3814ha	1.3814ha	LARGE	

PARCEL INFORMATION

PARCEL NO.	INTEREST TO BE ACQUIRED	OWNER	LARGER PARCEL	TAKE INCLUDING EXISTING EASEMENT	NET TAKE	REMAINDER	BK. PG. RECORDED
17	FEE	JACK C. STEVENS	0.6402ha	0.6402ha	0.6402ha	0.0000ha	1075 592
16	FEE	KENNETH L. & BOBBIE KLEEWEIN	0.2981ha	0.2981ha	0.2722ha	0.0000ha	1094 493
15	FEE	BRAD J. PHILBIN	0.3950ha	0.1971ha	0.1971ha	0.1979ha	1097 18
14	FEE	BRAD J. PHILBIN	0.3720ha	0.0430ha	0.0430ha	0.3290ha	1097 24
13	FEE	KENNETH L. & BOBBIE KLEEWEIN	1.0911ha	0.0132ha	0.0132ha	1.0779ha	1094 493

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-0A4-1(14)	R40	53



NOTE:

1. STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.
2. THE RIGHT OF WAY WIDTH AS SHOWN IS BASED ON RIGHT OF WAY MAPS DATED 5/20/58, PROJECT NO. 505108, FILED WITH THE BUREAU OF PUBLIC ROADS, DISTRICT ENGINEERS OFFICE IN ANCHORAGE, EXCEPT AS NOTED.

DATE	REVISIONS	BY
4/6/10	MISC. REVISIONS	EF
8/7/00	ADDED BOOK AND PAGE FOR PARCELS	JM
10/10/00	REVISED PRCL. NO. 22 TAKE AND "BP CENTERLINE".	JM
9/1/00	REVISED PRCL. NO. 16 TAKE AND ADDED "CP" CENTERLINE MONS.	JM
12/3/99	REVISED SLOPE LIMITS AND MINOR DETAILS	SS

2010-42

PALMER RECORDING DISTRICT

PARCEL NO.	INTEREST TO BE ACQUIRED	OWNER	LARGER PARCEL	TAKE INCLUDING EXISTING EASEMENT	NET TAKE	REMAINDER	BK.	PG. RECORDED
21	FEE	WALTER E. & PATRICIA M. NEWMAN	1.0126ha	0.0073ha	0.0073ha	1.0053ha	1086	676
20	FEE	JOSEPHINE L. WILSON	0.1195ha	0.1195ha	0.1190ha	0.0000ha	1094	1
19	FEE	HILDEGARD E. SHEPHERD REVOCABLE TRUST	0.8214ha	0.8214ha	0.5948ha	0.0000ha	1082	336
E-18	RIGHT OF WAY EASEMENT	LEE D. & JANET L. THIBERT	1.1555ha	0.5069ha	0.0059ha	1.1555ha	1094	5

PARCEL INFORMATION

PARCEL NO.	INTEREST TO BE ACQUIRED	OWNER	LARGER PARCEL	TAKE INCLUDING EXISTING EASEMENT	NET TAKE	REMAINDER	BK.	PG. RECORDED
24	FEE	THE EMERY J. GUNTER REVOCABLE TRUST AND THE LUCILLE H. GUNTER REVOCABLE TRUST	0.8586ha	0.3374ha	0.0147ha	0.5212ha	1084	8
23	FEE	ALAN LEE SPALDING	0.2441ha	0.2441ha	0.1509ha	0.0000ha	1084	17
22	FEE	RICHARD L. MERENESS	1.8822ha	1.8822ha	1.0270ha	0.0000ha	1094	380

PARCEL INFORMATION

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES

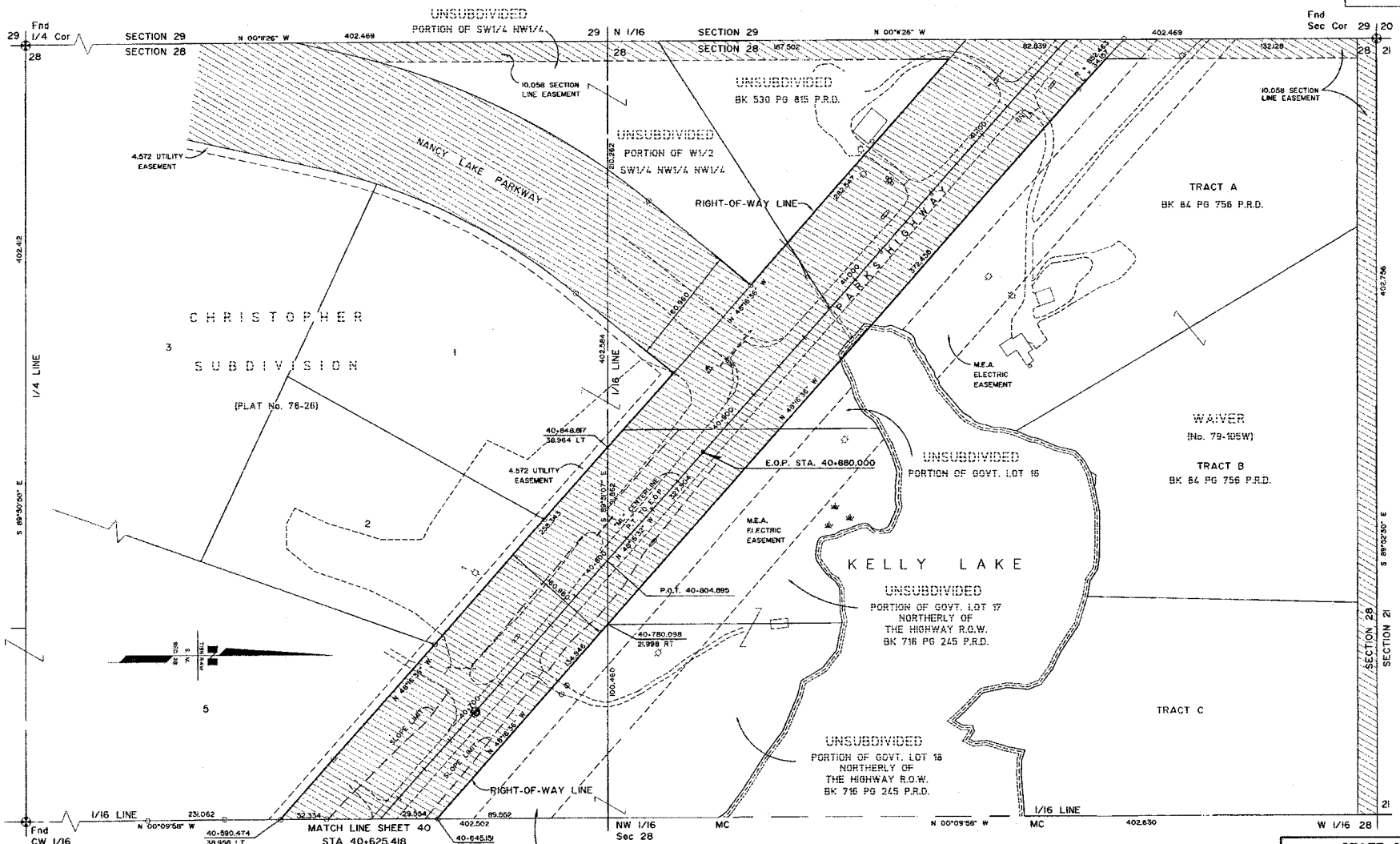
RIGHT OF WAY MAP
ALASKA PROJECT NO.

I-0A4-1(6)
59163

PARKS HIGHWAY MILE 57 - 67

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RPB	DATE	APRIL 1999	SHEET	40 OF 53

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-0A4-1(14)	R41	53



NOTE:

1. STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.
2. THE RIGHT OF WAY WIDTH AS SHOWN IS BASED ON RIGHT OF WAY MAPS DATED 5/20/58, PROJECT NO. S05101B, FILED WITH THE BUREAU OF PUBLIC ROADS, DISTRICT ENGINEERS OFFICE IN ANCHORAGE, EXCEPT AS NOTED.

STATE OF ALASKA
49TH
Rickey P. Bennett
LS 6723
REGISTERED PROFESSIONAL LAND SURVEYOR
CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

PALMER RECORDING DISTRICT 2010-42

DATE	REVISIONS	BY
9/7/00	REVISED SLOPE LIMITS AND MINOR DETAILS	JM
12/9/99	REVISED SLOPE LIMITS AND MINOR DETAILS	SS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-0A4-1(6)
59163
PARKS HIGHWAY MILE 57 - 67

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RPB	DATE	APRIL 1999	SHEET	41 OF 53

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(14)	R42	53

MONUMENT SUMMARY SHEET

RECOVERED CORNERS - SHEET 6

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
C 1/4 COR S27 T18N R3W	2 1/2" ALUM CAP (5144)	25755.433	23010.549			
HIGHWAY CENTERLINE MON	2" ALUM CAP IN CASE	25956.309	22987.687			
HIGHWAY ROW MON	6"X6" CONCRETE POST	25949.786	22943.445			
HIGHWAY ROW ANG PT - NON ADOT	3/4" REBAR	25950.055	22943.422			
HIGHWAY ROW MON	6"X6" CONCRETE POST	25988.358	22934.282			
HIGHWAY ROW MON	6"X6" CONCRETE POST	25990.137	22941.616			
HIGHWAY ROW MON	6"X6" CONCRETE POST	26157.609	22987.212	24+425.366	46.463 RT	

RECOVERED CORNERS - SHEET 7

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
ROW / 1/64 LINE	2 1/2" ALUM CAP (5114)	26359.504	22845.223	24+554.790	44.569 LT	
1/4 COR S22/S27 T18N R3W	2 1/2" GLO BRASS CAP	26562.324	23008.020	24+814.090	161.010 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	26515.490	22807.784	24+815.206	44.628 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	26536.853	22896.716	24+815.257	46.835 RT	
S22/S27 ROW T18N R3W	1 1/2" ALUM CAP (4018)	26561.545	22889.823	24+838.240	46.527 RT	
S22/S27 ROW T18N R3W	1 1/2" ALUM CAP (4018)	26560.916	22792.962	24+869.619	45.187 LT	
W 1/16 COR S27 T18N R3W	3 1/2" BRASS CAP (1733)	26559.641	22605.236	25+039.748	202.827 LT	
ROW / 1/16 LINE	2 1/2" ALUM CAP (5144)	26734.271	22604.224	25+174.827	48.039 LT	
TELSITNA ST ROW BRYANT No. 5	5/8" REBAR/PLASTIC CAP (7074)	26829.185	22603.676	25+201.658	43.129 RT	
SW 1/16 COR SEC 22 T18N R3W	5/8" REBAR	26961.359	22602.903	25+223.258	172.313 RT	

RECOVERED CORNERS - SHEET 8

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
MTA EASEMENT COR	5/8" REBAR	26737.702	22592.524	25+188.962	48.180 LT	
TELSITNA ST ROW BRYANT No. 5	5/8" REBAR/PLASTIC CAP (7074)	26832.491	22588.402	25+215.574	43.015 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	26837.866	22473.180	25+318.767	42.250 RT	
NE COR L20 BRYANT SUBD No.3	5/8" REBAR	26739.042	22403.463	25+397.730	49.173 LT	
N COR L19,L20 BRYANT SUBD No.3	1/2" REBAR	26736.208	22374.511	25+426.821	49.119 LT	
N COR L18,L19 BRYANT SUBD No.3	1/2" REBAR	26733.331	22345.631	25+455.844	49.116 LT	
N COR L17,L18 BRYANT SUBD No.3	1/2" REBAR	26730.494	22316.722	25+484.892	49.069 LT	
N COR L16,L17 BRYANT SUBD No.3	1/2" REBAR	26727.492	22287.621	25+514.147	49.168 LT	
1/4 COR S21/S22 T18N R3W	2 1/2" GLO BRASS CAP	27360.599	22198.041	25+540.448	589.704 RT	
N COR L15,L16 BRYANT SUBD No.3	1/2" REBAR	26724.807	22258.769	25+543.123	48.976 LT	
S1/16 S21/S22 T18N R3W	3/4" IRON PIPE	26957.569	22199.739	25+578.760	188.495 RT	
SE COR L13 BRYANT SUBD No.1	5/8" REBAR	26810.524	22200.397	25+592.699	42.111 RT	
WC SEC COR 21/22/28/27 T18N R3W	2 1/2" GLO BRASS CAP	26556.735	22225.433	25+592.976	212.910 LT	
NE COR L13 BRYANT SUBD No.2	1/2" REBAR	26719.229	22200.602	25+601.557	48.753 LT	
WC SEC COR 21/22/28/27 T18N R3W	REBAR PLASTIC CAP (5773)	26570.150	22201.433	25+615.525	197.179 LT	

WORK ITEM	PAY ITEM	PAY ITEM NO.
1	CONSTRUCTION SURVEYING	642(1)
2	OFFICE ENGINEERING	642(2)
3	THREE PERSON SURVEY PARTY	642(3)
4	SET PRIMARY MONUMENT	642(4)
5	SET SECONDARY MONUMENT	642(5)
6	REPLACE EXISTING WITH PRIMARY MONUMENT	642(6)
7	REPLACE EXISTING WITH SECONDARY MONUMENT	642(7)
8	ADJUST EXISTING MONUMENT	642(8)
9	REFERENCE EXISTING MONUMENT	642(9)
10	MONUMENT CASE	642(10)
11	ADJUST EXISTING MONUMENT CASE	642(11)
12	FINAL TRAVERSE	642(12)

HORIZONTAL CONTROL:

1. THE PROJECT HORIZONTAL CONTROL WAS ESTABLISHED BY ADOT&PF LOCATIONS DEPARTMENT IN MAY AND JUNE OF 1991 AND SUPPLEMENTED WITH FIELD SURVEYS PERFORMED BY R&M CONSULTANTS, INC. FROM SEPTEMBER 1992 TO FEBRUARY 1999.
2. THE BEARINGS ARE GRID BEARINGS AND ARE REFERENCED AT THE BASIS OF BEARING TO THE ALASKA COORDINATE SYSTEM OF 1983, ZONE 4.
3. THE DISTANCES SHOWN ARE IN METERS REDUCED TO HORIZONTAL DISTANCES AT GROUND LEVEL.

HIGHWAY RIGHT-OF-WAY:

1. THE HIGHWAY RIGHT-OF-WAY WITHIN SECTIONS 17, 18, 20, 22, AND 27, TOWNSHIP 18 NORTH, RANGE 3 WEST, SEWARD MERIDIAN IS BASED ON THE ACT OF JULY 24, 1947, SECRETARIAL ORDER NO 2665, AMENDMENT NO.2; SUBDIVISION DEDICATION; WARRANTY DEED; AND PERMIT.
2. THE HIGHWAY RIGHT-OF-WAY WITHIN SECTIONS 2, 3, 11, 12, AND 13, TOWNSHIP 18 NORTH, RANGE 4 WEST AND SECTIONS 27, 28, AND 34, TOWNSHIP 19 NORTH, RANGE 4 WEST, SEWARD MERIDIAN IS BASED ON THE ACT OF JULY 24, 1947, BUREAU OF PUBLIC ROADS 44LD, 513 RESERVATIONS; SUBDIVISION DEDICATION; WARRANTY DEED; AND PERMIT.

NOTES:

1. WHETHER LISTED OR NOT, ALL MONUMENTS OR PROPERTY MARKERS/ CORNERS OR ACCESSORIES WHICH WILL BE DISTURBED OR BURIED SHALL BE REFERENCED AND RE-ESTABLISHED IN THEIR ORIGINAL POSITION (A.S. 19.10.260) AND RECORDED (A.S.34.65.040).
2. MONUMENTS NOTED AS TO BE REMOVED UNDER WORK ITEM No. 7, SHALL BE RECORDED (A.S.34.65.040) AS REMOVED AND REFERENCED TO NEW CENTERLINE MONUMENTATION.
3. BEARINGS AND DISTANCE TIES TO ALIQUOT PART POSITIONS NOT RECOVERED FOR THIS SURVEY ARE COMPUTED, THE ACTUAL CORNERS MAY EXIST.

STATE OF ALASKA 49TH Rudy P. Bennett Rudy P. Bennett LS 6723 REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT LOCATIONS SURVEYORS CERTIFICATE

STATE OF ALASKA 49TH Rudy P. Bennett Rudy P. Bennett LS 6723 REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

PALMER RECORDING DISTRICT 2010-42

DATE	REVISIONS	BY
12/9/99	REVISED CENTERLINE STATIONS AND OFFSETS	SS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59163
PARKS HIGHWAY MILE 57 - 67

DRAWN	MFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RPB	DATE	APRIL 1999	SHEET	42 OF 53

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(14)	R43	53

MONUMENT SUMMARY SHEET

RECOVERED CORNERS - SHEET 9

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
N COR L12,L13 BRYANT SUBD No.2	5/8" REBAR	26715.442	22164.331	25+638.024	48.922 LT	
N COR L11,L12 BRYANT SUBD No.2	5/8" REBAR	26712.468	22133.810	25+668.690	48.852 LT	
N COR L10,L11 BRYANT SUBD No.2	5/8" REBAR	26709.362	22103.381	25+699.277	48.923 LT	
N COR L9,L10 BRYANT SUBD No.2	1" HEXROD	26706.383	22072.860	25+729.943	48.858 LT	
S COR L8,L9 BRYANT SUBD No.1	3/4" REBAR	26794.543	22042.100	25+751.801	41.920 RT	
N COR L8,L9 BRYANT SUBD No.2	5/8" REBAR	26703.536	22042.433	25+760.502	48.671 LT	
S COR L7,L8 BRYANT SUBD No.1	1" HEXROD	26791.504	22011.484	25+782.567	41.935 RT	
N COR L7,L8 BRYANT SUBD No.2	5/8" REBAR	26700.531	22011.946	25+791.137	48.635 LT	
N COR L6,L7 BRYANT SUBD No.2	1/2"GALVANIZED PIPE W/ BOLT	26697.414	21981.351	25+821.890	48.700 LT	
N COR L5,L6 BRYANT SUBD No.2	5/8" REBAR	26694.186	21951.075	25+852.337	48.907 LT	
N COR L4,L5 BRYANT SUBD No.2	5/8" REBAR	26691.101	21920.567	25+883.000	48.949 LT	
S COR L3,L4 BRYANT SUBD No.1	1/2" REBAR	26779.376	21889.755	25+904.899	41.950 RT	
N COR L3,L4 BRYANT SUBD No.2	5/8" REBAR	26688.067	21890.207	25+913.511	48.955 LT	
S COR L2,L3 BRYANT SUBD No.1	1/2" REBAR	26776.332	21859.222	25+935.564	41.950 RT	
N COR L2,L3 BRYANT SUBD No.2	5/8" REBAR	26685.068	21859.774	25+944.092	48.919 LT	
S COR L1,L2 BRYANT SUBD No.1	1/2" REBAR	26773.306	21828.721	25+966.234	41.966 RT	
N COR L1,L2 BRYANT SUBD No.2	5/8" REBAR	26682.041	21829.233	25+974.782	48.899 LT	

RECOVERED CORNERS - SHEET 10

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
SW COR L1 BRYANT SUBD No.1	5/8" REBAR	26770.328	21798.228	25+996.873	42.029 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	26672.596	21738.864	26+065.642	49.329 LT	
C4 L6, C3 L5 USS 9028 RR ROW	3 1/4" BLM ALUM CAP	26554.573	21420.042	26+317.267	205.501 LT	
1/4 COR S21/S28 T18N R3W	3 1/2" BLM ALUM CAP	26554.771	21397.348	26+333.080	212.868 LT	

RECOVERED CORNERS - SHEET 11

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
HIGHWAY ROW MON	6"X6" CONCRETE POST	26749.496	21368.819	26+420.457	47.028 LT	
COR TRACT A HEATH HEIGHTS SUBD	5/8" REBAR	26956.216	21187.036	26+679.678	44.499 RT	
C 1/4 COR S21 T18N R3W	3 1/4" ALUM CAP (880)	27358.550	21393.779	26+695.947	496.552 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	26891.162	21115.886	26+709.961	47.028 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	26971.033	21160.548	26+710.032	44.482 RT	
COR HEATH HEIGHTS DRIVE / TR C	1/2" REBAR	26978.716	21146.937	26+725.662	44.532 RT	
COR TRACTS B/C HEATH HEIGHTS	1/2" REBAR	27012.928	21085.950	26+795.590	44.574 RT	
SW COR TRACT B HEATH HEIGHTS	1/2" REBAR	27035.161	21045.961	26+841.343	44.427 RT	

METRIC CONVERSION FACTORS

BASED ON METER - U.S. SURVEY FOOT RELATIONSHIP
1 METER = 39.37 INCHES EXACTLY. (METRIC LAW 1866)

FROM	TO	MULTIPLY BY
FOOT (U.S. SURVEY)	METER (m)	0.304800610
ACRE	HECTARE (ha)	0.40468726 1
SQUARE FOOT	METER² (m²)	0.09290341 2
METER (m)	FOOT (U.S. SURVEY)	3.280833333
HECTARE (ha)	ACRE	2.471043930
METER² (m²)	SQUARE FEET	10.763867360

NOTE: 1 HECTARE = 10 000 m²; 1 ACRE = 43,560 SQUARE FEET

STATE OF ALASKA 49TH Rodney P. Bennett LS 6723 PROFESSIONAL LAND SURVEYOR
CONSULTANT LOCATIONS SURVEYORS CERTIFICATE

STATE OF ALASKA 49TH Rodney P. Bennett LS 6723 PROFESSIONAL LAND SURVEYOR
CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

PALMER RECORDING DISTRICT 2010-42

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59163
PARKS HIGHWAY MILE 57 - 67

DATE	REVISIONS	BY
12/9/99	REVISED CENTERLINE STATIONS AND OFFSETS	SS

DRAWN	MFD/SS	DATE	APRIL 1999	SCALE 1:1000
CHECKED	RPB	DATE	APRIL 1999	SHEET 43 OF 53

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(14)	R44	53

MONUMENT SUMMARY SHEET

RECOVERED CORNERS - SHEET 12

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
SW COR TRACT C2 HEATH HEIGHTS	1/2" REBAR	27064.986	20992.775	26+902.322	44.453 RT	
SEC COR 20/21/28/29 T18N R3W	2 1/2" GLO BRASS CAP	26552.339	20592.593	27+000.905	598.380 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	27040.038	20850.196	27+014.519	46.995 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	27119.965	20894.781	27+014.685	44.525 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	27134.932	20681.270	27+208.250	46.767 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	27214.669	20725.884	27+208.346	44.603 RT	
C1 L8, C2 L7 USS 9028 RR ROW	3 1/2" BLM ALUM CAP	27077.759	20590.249	27+255.820	141.856 LT	
C4 L8, C3 L7 USS 9028 RR ROW	3 1/2" BLM ALUM CAP	27149.477	20590.014	27+291.162	80.775 LT	
UNKNOWN PT. ON SEC LINE S20/S21	1/2" REBAR	27200.685	20589.757	27+317.941	37.694 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	27284.664	20611.780	27+345.739	44.574 RT	
1/4 COR S20/S21 T18N R3W	2 1/2" GLO BRASS CAP	27357.056	20589.019	27+404.911	92.085 RT	

RECOVERED CORNERS - SHEET 13

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
HIGHWAY ROW MON	6"X6" CONCRETE POST	27208.444	20561.118	27+345.468	46.947 LT	

RECOVERED CORNERS - SHEET 14

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
HIGHWAY ROW MON	6"X6" CONCRETE POST	27623.492	20106.184	27+954.370	45.049 RT	
USS 9028 RR ROW L8 WP	3 1/4" BLM ALUM CAP	27607.474	19872.231	28+125.159	110.575 LT	
USS 9028 RR ROW L8 WP	3 1/4" BLM ALUM CAP	27655.726	19909.561	28+129.234	49.725 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	27798.008	19902.212	28+234.101	46.705 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	27736.260	19834.733	28+234.801	46.760 LT	
E 1/16 S17/S20 T18N R3W	5/8" REBAR	28160.481	20183.736	28+312.305	499.068 RT	
1/4 COR S17/S20 T18N R3W	2 1/2" GLO BRASS CAP	28159.732	19781.538	28+582.990	201.591 RT	

RECOVERED CORNERS - SHEET 15

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
HIGHWAY ROW MON	6"X6" CONCRETE POST	28138.801	19590.602	28+696.221	46.494 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	28077.204	19523.018	28+696.487	44.948 LT	

RECOVERED CORNERS - SHEET 16

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
L8 USS 9028 RR ROW S17/S20	3 1/4" BLM ALUM CAP	28159.409	19258.872	28+988.016	143.862 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	28279.961	19236.877	29+068.927	44.718 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	28364.145	19272.704	29+068.982	46.773 RT	
L8 USS 9028 RR ROW S17/S20	3 1/4" BLM ALUM CAP	28159.399	19159.338	29+093.055	186.020 LT	
SEC COR 17/18/19/20 T18N R3W	2 1/2" BRASS CAP	28159.285	18977.437	29+260.370	257.389 LT	
L8 USS 9028 RR ROW S18/S17	3 1/4" BLM ALUM CAP	28300.645	18976.936	29+316.212	127.524 LT	
L8 USS 9028 RR ROW S18/S17	3 1/4" BLM ALUM CAP	28377.927	18976.513	29+346.878	56.586 LT	

STATE OF ALASKA 49TH Rickey P. Bennett LS 6723 REGISTERED PROFESSIONAL LAND SURVEYOR
CONSULTANT LOCATIONS SURVEYORS CERTIFICATE

STATE OF ALASKA 49TH Rickey P. Bennett LS 6723 REGISTERED PROFESSIONAL LAND SURVEYOR
CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

PALMER RECORDING DISTRICT 2010-42

DATE	REVISIONS	BY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59163
PARKS HIGHWAY MILE 57 - 67

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	NONE
CHECKED	RPB	DATE	APRIL 1999	SHEET	44 OF 53

PROJECT DESIGNATION	SHEET NO	TOTAL SHEETS
IM-OA4-1(14)	R45	53

MONUMENT SUMMARY SHEET

RECOVERED CORNERS - SHEET 17

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
HIGHWAY ROW MON	6"X6" CONCRETE POST	28432.009	18880.297	29+456.591	44.521 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	28527.797	18888.348	29+486.753	46.763 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	28563.153	18670.067	29+690.411	44.163 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	28635.712	18726.057	29+699.805	47.010 RT	
1/4 COR S17/S18 T18N R3W	2 1/2" GLO BRASS CAP	28964.064	18974.659	29+749.055	455.902 RT	

RECOVERED CORNERS - SHEET 18

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
HIGHWAY ROW MON	6"X6" CONCRETE POST	28733.999	18492.058	29+936.421	44.825 LT	
USS 9028 RR ROW PC L8	3 1/4" BLM ALUM CAP	28725.186	18212.549	30+131.372	245.317 LT	
USS 9028 RR ROW PC L8	3 1/4" BLM ALUM CAP	28780.618	18237.930	30+151.618	187.810 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	28967.882	18381.782	30+178.161	46.826 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	29120.450	18170.338	30+426.525	46.851 RT	

RECOVERED CORNERS - SHEET 19

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
HIGHWAY ROW MON	6"X6" CONCRETE POST	29039.542	18128.072	30+426.300	44.431 LT	
1/4 COR S7/S18 T18N R3W	2 1/2" GLO BRASS CAP	29765.980	18164.627	30+731.888	615.618 RT	

RECOVERED CORNERS - SHEET 20

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
HIGHWAY ROW MON	6"X6" CONCRETE POST	29362.374	17709.906	30+944.067	47.522 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	29281.687	17667.203	30+949.890	43.583 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	29314.787	17495.060	31+146.378	43.608 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	29405.845	17485.857	31+151.733	47.757 RT	
SEC COR 7/12/13/18 T18N R3W/4W	3 1/2" GLO BRASS CAP	29765.310	17416.914	31+181.268	411.670 RT	
N 1/16 COR S13/S18 T18N R3W/4W	3/4" IRON PIPE	29363.117	17417.370	31+221.655	11.509 RT	

STATE OF ALASKA 49TH Rickey P. Bennett LS 6723 REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT LOCATIONS SURVEYORS CERTIFICATE

STATE OF ALASKA 49TH Rickey P. Bennett LS 6723 REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

PALMER RECORDING DISTRICT 2010-42

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59163
PARKS HIGHWAY MILE 57 - 67

DATE	REVISIONS	BY

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RPB	DATE	APRIL 1999	SHEET	45 OF 53

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-0A4-1(14)	R46	53

MONUMENT SUMMARY SHEET

RECOVERED CORNERS - SHEET 21

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
NE COR L1 B2 JACK CARL SUBD	5/8" REBAR	29331.909	17417.059	31+225.133	19.507 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	29331.813	17416.771	31+225.429	19.573 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	29392.047	17380.879	31+255.019	43.995 RT	
1/4 COR S13/S18 T18N R43/4W	3 1/4" BLM ALUM CAP	28960.607	17417.617	31+262.281	388.945 LT	
S COR L1,L2 B1 JACK CARL SUBD	8" SPIKE	29386.785	17356.010	31+280.294	41.286 RT	
N COR L1,L2 B2 JACK CARL SUBD	5/8" REBAR	29325.553	17356.165	31+286.357	19 644 LT	
S COR L2,L3 B1 JACK CARL SUBD	2"X2" HUB	29380.729	17295.652	31+340.958	41.389 RT	
N COR L2,L3 B2 JACK CARL SUBD	5/8" REBAR	29319.591	17295.291	31+347.522	19.396 LT	
S COR L3,L4 B1 JACK CARL SUBD	2"X2" HUB/TACK	29374.569	17234.746	31+402.172	41.446 RT	
N COR L3,L4 B2 JACK CARL SUBD	3/8" REBAR	29310.025	17234.355	31+409.115	22.725 LT	
SW COR L4 B1 JACK CARL SUBD	2"X2" HUB	29368.298	17173.898	31+463.342	41.386 RT	
N COR L4,L5 B2 JACK CARL SUBD	3/8" REBAR	29304.762	17173.436	31+470.254	21.775 LT	
N COR L5,L6 B2 JACK CARL SUBD	5/8" REBAR	29300.952	17112.485	31+531.276	19.375 LT	
NE COR L6 B2 JACK CARL SUBD	3/8" REBAR	29291.608	17043.603	31+600.751	21.676 LT	

RECOVERED CORNERS - SHEET 22

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
HIGHWAY ROW MON	6"X6" CONCRETE POST	29288.466	16992.221	31+652.186	19.585 LT	
PARCEL COR 91-19RS	ALUM CAP ON 5/8" REBAR (6925)	29288.426	16990.784	31+653.620	19.479 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	29257.312	16686.169	31+959.740	19.504 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	29317.860	16679.856	31+960.163	41.371 RT	
NE COR PLAT 91-19RS	ALUM CAP ON 5/8" REBAR (6925)	29257.305	16685.396	31+960.477	19.437 LT	

RECOVERED CORNERS - SHEET 23

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
HIGHWAY ROW MON	6"X6" CONCRETE POST	29424.267	16366.937	32+335.390	38.739 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	29378.400	16323.265	32+335.588	24.594 LT	
1/4 COR S12/S13 T18N R4W	3 1/4" BLM BRASS CAP	29763.721	16612.518	32+390.308	454.097 RT	

RECOVERED CORNERS - SHEET 24

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
HIGHWAY ROW MON	6"X6" CONCRETE POST	29622.167	16069.594	32+687.390	21.872 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	29666.430	16111.425	32+687.425	39.030 RT	
C1 L2, C2 L1 USS9029 RR ROW	3 1/4" BLM ALUM CAP	29654.832	15808.857	32+899.234	177.347 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	29768.732	15914.556	32+900.739	21.966 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	29813.009	15956.414	32+900.765	38.965 RT	
C4 L2, C3 L1 USS9029 RR ROW	3 1/4" BLM ALUM CAP	29737.338	15808.688	32+956.063	117.532 LT	
SEC COR 11/12/13/14 T18N R4W	2 1/2" BLM BRASS CAP	29762.038	15808.660	32+973.059	99.610 LT	

STATE OF ALASKA 49TH Ricky P. Bennett LS 6723 PROFESSIONAL LAND SURVEYOR

CONSULTANT LOCATING SURVEYORS CERTIFICATE

STATE OF ALASKA 49TH Ricky P. Bennett LS 6723 PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

PALMER RECORDING DISTRICT 2010-42

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-0A4-1(6)
59463
PARKS HIGHWAY MILE 57 - 67

DATE	REVISIONS	BY

DRAWN	MFD/SS	DATE APRIL 1999	SCALE 1:1000
CHECKED	RPB	DATE APRIL 1999	SHEET 46 OF 53

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(14)	R47	53

MONUMENT SUMMARY SHEET

RECOVERED CORNERS - SHEET 25						
LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
C4 L3, C3 L2 USS9029 RR ROW	3 1/4" BLM ALUM CAP	29762.000	15781.609	32+992.682	118.229 LT	
C1 L3, C2 L2 USS9029 RR ROW	3 1/4" BLM ALUM CAP	29761.964	15691.076	33+058.419	180.479 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	30147.978	15602.340	33+388.180	38.928 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	30103.746	15560.417	33+388.231	22.015 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	30096.639	15553.648	33+388.264	31.829 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	30166.495	15494.018	33+479.589	22.070 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	30159.467	15487.315	33+479.628	31.783 LT	
1/4 COR S11/S12 T18N R4W	2 1/2" BLM BRASS CAP	30565.335	15806.611	33+526.646	482.482 RT	

RECOVERED CORNERS - SHEET 26						
LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
HIGHWAY ROW MON	6"X6" CONCRETE POST	30334.336	15316.612	33+723.810	22.084 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	30378.653	15358.518	33+723.828	38.909 RT	

RECOVERED CORNERS - SHEET 27						
LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
HIGHWAY ROW MON	6"X6" CONCRETE POST	30711.396	14918.065	34+272.457	22.112 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	30901.591	14717.071	34+549.151	22.100 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	30945.855	14758.916	34+549.245	38.813 RT	
1/4 COR S2/S11 T18N RRW	2 1/2" GLO BRASS CAP	31370.439	14998.590	34+824.690	493.044 RT	

RECOVERED CORNERS - SHEET 28						
LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
1/4 COR S10/S11 T18N R4W	3 1/4" BLM BRASS CAP	30565.471	14193.687	34+635.452	633.454 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	31319.498	14531.380	35+012.437	38.915 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	31302.555	14472.888	35+012.479	21.961 LT	

STATE OF ALASKA 49TH Rusty P. Bennett LS 6723 REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT LOCATIONS SURVEYORS CERTIFICATE

STATE OF ALASKA 49TH Rusty P. Bennett LS 6723 REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

PALMER RECORDING DISTRICT 2010-42

DATE	REVISIONS	BY

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

RIGHT OF WAY MAP
ALASKA PROJECT NO.

I-OA4-1(6)
59163

PARKS HIGHWAY MILE 57 - 67

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RPB	DATE	APRIL 1999	SHEET	47 OF 53

PROJECT DESIGNATION	SHEET NO	TOTAL SHEETS
IM-0A4-1(14)	R48	53

MONUMENT SUMMARY SHEET

RECOVERED CORNERS - SHEET 29

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
C4 L4, C3 L3 USS9029 RR ROW	3 1/4" BLM ALUM CAP	31370.010	14361.814	35+108.235	109.836 LT	
C1 L4, C2 L3 USS9029 RR ROW	3 1/4" BLM ALUM CAP	31369.936	14294.889	35+126.830	174.126 LT	
SEC COR 2/3/10/11 T18N R4W	2 1/2" GLO BRASS CAP	31369.946	14192.218	35+165.474	272.720 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	31488.446	14482.530	35+188.305	39.123 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	31471.649	14423.945	35+188.513	21.823 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	31708.978	14365.679	35+419.580	39.083 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	31677.467	14333.527	35+419.718	21.849 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	31842.411	14233.448	35+612.649	21.764 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	31873.965	14285.373	35+612.664	38.997 RT	

RECOVERED CORNERS - SHEET 30

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
1/4 COR S3/S2 T18N R4W	2 1/2" GLO BRASS CAP	32174.224	14194.430	35+916.507	117.132 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	32150.096	14046.332	35+972.742	21.974 LT	

RECOVERED CORNERS - SHEET 31

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
ROW / TR2 NANCY LAKE MARINA SUBD	5/8" REBAR	32174.338	14102.888	35+964.125	38.950 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	32181.602	14098.421	35+972.688	38.902 RT	
ROW TR3 NANCY LAKE MARINA SUBD	5/8" REBAR	32174.335	14031.921	36+000.419	22.070 LT	
TR 1/2 NANCY LAKE MARINA SUBD	5/8" REBAR	32576.731	13950.938	36+411.546	38.603 RT	

RECOVERED CORNERS - SHEET 32

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
ROW / TR3 NANCY LAKE MARINA SUBD	1 1/4" PLASTIC CAP/REBAR (4105)	32733.797	13854.142	36+577.107	42.709 LT	
TR 3/4 NANCY LAKE MARINA SUBD	5/8" REBAR	32765.535	13858.579	36+607.727	37.862 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	32825.147	13936.429	36+669.329	38.400 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	32828.351	13875.623	36+669.436	22.491 LT	7,9
ROW PC TR4 NANCY LAKE MARINA SUBD	1 1/4" PLASTIC CAP/REBAR (4105)	32829.186	13860.424	36+669.496	37.713 LT	
ROW PC TR4 NANCY LAKE MARINA SUBD	5/8" REBAR	32841.098	13860.985	36+681.422	37.768 LT	
ROW PC TR4 NANCY LAKE MARINA SUBD	1 1/4" PLASTIC CAP/REBAR (4105)	32848.544	13856.337	36+688.622	42.778 LT	
ROW PC TR 5 NANCY LAKE MARINA SUBD	1 1/4" PLASTIC CAP/REBAR (4105)	32861.841	13877.438	36+702.975	22.381 LT	7,9
E 1/16 S34/S3 Tps18/19N R4W	3 1/2" ALUM CAP (4105)	32978.617	13791.453	36+815.225	114.195 LT	
NE COR TR5 NANCY LAKE MARINA SUBD	5/8" REBAR	32978.713	13883.624	36+820.010	22.148 LT	

STATE OF ALASKA 49TH Robert P. Bennett LS 6723 REGISTERED PROFESSIONAL LAND SURVEYOR
CONSULTANT LOCATIONS SURVEYORS CERTIFICATE

STATE OF ALASKA 49TH Robert P. Bennett LS 6723 REGISTERED PROFESSIONAL LAND SURVEYOR
CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

PALMER RECORDING DISTRICT 2010-42

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-0A4-1(6)
59863
PARKS HIGHWAY MILE 57 - 67

DATE	REVISIONS	BY
12/9/99	ADDED WORK ITEMS	SS

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RPB	DATE	APRIL 1999	SHEET	48 OF 53

PROJECT DESIGNATION	SHEET NO	TOTAL SHEETS
IM-OA4-1(14)	R49	53

MONUMENT SUMMARY SHEET

RECOVERED CORNERS - SHEET 33

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
SEC COR 34/35/3/2 Tps18/19N R4W	2 1/2" GLO BRASS CAP	32978.916	14192.781	36+835.939	286.598 RT	
1/4 COR S35 T19N R4W / S2 T18N R4W	2 1/2" GLO BRASS CAP	32979.618	14997.894	36+877.595	1090.634 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	33130.030	13891.606	36+974.037	18.499 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	33311.813	13833.731	37+175.098	18.620 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	33349.545	13881.575	37+182.252	41.870 RT	
NE COR TR6 NANCY LAKE MARINA SUBD	5/8" REBAR	33365.988	13791.119	37+246.580	21.992 LT	
1/4 COR S34/S35 T19N R4W	2 1/2" GLO BRASS CAP	33784.379	14191.987	37+326.759	551.870 RT	

RECOVERED CORNERS - SHEET 34

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
N COR TR6 NANCY LAKE MARINA SUBD	5/8" REBAR	33381.399	13778.949	37+266.216	22.001 LT	

RECOVERED CORNERS - SHEET 35

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
C 1/4 COR SEC 34 T19N R4W	1 1/4" ALUM CAP (949)	33783.541	13387.711	37+824.261	80.074 LT	
MCCAIN-HALL SUB - ROW	1 1/4" ALUM CAP (949)	33877.609	13387.609	37+898.176	21.889 LT	
N COR L2, L3 MCCAIN-HALL SUB	1/2" REBAR	33903.615	13347.545	37+943.407	37.235 LT	
MCCAIN-HALL SUB, C/L PARKS HWY	PKNAIL	33984.794	13329.468	38+018.337	1.145 LT	
MCCAIN-HALL SUB / ROW	1 1/4" ALUM CAP (949)	33984.776	13303.125	38+034.639	21.838 LT	
MC S27/S34 T19N R4W	2 1/2" GLO BRASS CAP	34588.626	13903.922	38+136.585	823.856 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	34117.405	13276.112	38+155.335	39.111 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	34079.730	13228.149	38+155.725	21.878 LT	
N COR PARC 1/ PARC 2 84-27W	1 1/4" ALUM CAP NO MKS	34196.991	13113.847	38+325.485	21.134 LT	
WC 1/4 COR S27/S34 T19N R4W	2 1/2" GLO BRASS CAP	34588.325	13357.134	38+369.942	434.914 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	34226.868	13079.421	38+370.718	20.909 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	34219.090	13073.468	38+370.725	30.704 LT	
SW COR PARC 2 84-27W	5/8" REBAR	34128.462	12985.110	38+389.195	156.203 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	34250.250	13029.939	38+426.061	30.691 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	34308.979	13069.499	38+426.154	40.119 RT	
NW 1/16 COR SEC 34	2 1/2" ALUM MON (3622)	34186.025	12985.062	38+427.296	109.032 LT	

STATE OF ALASKA 49TH Rickey P. Bennett LS 6725 REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT LOCATIONS SURVEYORS CERTIFICATE

STATE OF ALASKA 49TH Rickey P. Bennett LS 6725 REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

PALMER RECORDING DISTRICT 2010-42

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

RIGHT OF WAY MAP
ALASKA PROJECT NO.

I-OA4-1(6)
59163

PARKS HIGHWAY MILE 57 - 67

DATE	REVISIONS	BY

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RPB	DATE	APRIL 1999	SHEET	49 OF 53

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-0A4-1(14)	R50	53

MONUMENT SUMMARY SHEET

RECOVERED CORNERS - SHEET 36

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
1/64 LINE SEC 34 / ROW	1/2" REBAR	34387.103	12954.038	38+565.562	40.224 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	34446.080	12866.415	38+671.184	40.047 RT	
C1 L2, C2 L1 USS 9030 RR ROW	3 1/4" BLM ALUM MON	34276.171	12583.439	38+778.895	265.118 LT	
C4 L2, C3 L1 USS 9030 RR ROW	3 1/4" BLM ALUM MON	34349.620	12583.396	38+813.888	211.165 LT	
PARC 3 84-29W / RR ROW	1 1/2" ALUM CAP (3622)	34349.867	12583.442	38+813.990	210.956 LT	
N-N 1/64 COR SEC 33 / SEC 34	3 1/4" BLM ALUM MON	34387.313	12583.398	38+835.026	184.737 LT	
N-N 1/64 COR SEC 33 / SEC 34	5/8" REBAR	34389.330	12583.168	38+836.640	183.506 LT	
PARC 1 91-32W @ RR ROW	5/8" REBAR	34588.529	12705.054	38+895.882	42.385 RT	7,9
SEC 34 / SEC 27 @ HWY ROW	5/8" REBAR	34588.585	12613.768	38+959.155	23.416 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	34649.683	12656.524	38+973.605	49.744 RT	
SEC COR S27/28/33/34 T19N R4W	2 1/2" GLO BRASS CAP	34588.606	12583.284	38+980.286	45.387 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	34608.404	12599.147	38+983.577	20.232 LT	

RECOVERED CORNERS - SHEET 37

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
E-E 1/64 COR SEC 28 / SEC 33	5/8" REBAR	34589.145	12382.065	39+120.056	190.140 LT	
E-E 1/64 COR SEC 28 / SEC 33	3 1/4" BLM ALUM MON	34589.019	12381.565	39+120.311	190.589 LT	
C4 L3, C3 L2 USS 9030 RR ROW	3 1/4" BLM ALUM MON	34589.096	12355.006	39+138.763	209.691 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	34901.606	12533.174	39+240.744	135.282 RT	
E1/16 S28/S33 T19 N R4W	3 1/4" BLM ALUM MON	34589.505	12179.949	39+260.318	335.666 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	34881.770	12465.344	39+273.423	72.620 RT	
WP 1L L3 USS 9030 RR ROW	3 1/4" BLM ALUM MON	34907.177	12259.597	39+434.264	58.174 LT	
WP 1R L3 USS 9030 RR ROW	3 1/4" BLM ALUM MON	34889.970	12201.158	39+462.334	112.241 LT	

RECOVERED CORNERS - SHEET 38

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
HIGHWAY ROW MON	6"X6" CONCRETE POST	35148.351	12460.719	39+468.895	253.941 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	35128.486	12392.922	39+501.529	191.283 RT	
1/4 COR S27/28 T19N R4W	2 1/2" GLO BRASS CAP	35394.001	12581.228	39+562.594	511.014 RT	

CONSULTANT LOCATIONS SURVEYORS CERTIFICATE

CONSULTANT RIGHT OF WAY SURVEYORS CERTIFICATE

PALMER RECORDING DISTRICT 2010-42

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

RIGHT OF WAY MAP
ALASKA PROJECT NO.

I-0A4-1(6)
59963

PARKS HIGHWAY MILE 57 - 67

DATE	REVISIONS	BY
12/9/99	ADDED WORK ITEMS	SS

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RPB	DATE	APRIL 1999	SHEET	50 OF 53

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-0A4-1(14)	R51	53

MONUMENT SUMMARY SHEET

RECOVERED CORNERS - SHEET 39

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
SE COR NANLOW PARK SUB	1" IP	34992.723	12079.152	39+620.956	129.062 LT	
L1 / L2 B3 NANLOW PARK SUB	5/8" REBAR	35048.006	12079.185	39+660.805	90.745 LT	
WC MC S1/16 LINE S28 T19N R4W	1" IP	34993.100	11936.646	39+719.939	231.581 LT	
N COR L2 / L3 B3 NANLOW PARK SUB	1/2" REBAR	35081.469	11974.823	39+757.230	142.835 LT	
S COR TR A / TR B NANLOW PARK SUB	1/2" REBAR	35194.143	12079.124	39+766.248	10.439 RT	7,9
NW COR L3 B3 NANLOW PARK SUB	1/2" REBAR	35090.436	11955.210	39+777.283	150.771 LT	
W COR L1 B3 / TR B NANLOW PARK SUB	1/2" REBAR	35110.623	11972.459	39+779.894	124.345 LT	
PC L4 B3 NANLOW PARK SUB	1/2" REBAR	35107.114	11951.278	39+792.036	142.053 LT	
W COR L4 / L5 B3 NANLOW PARK SUB	1/2" REBAR	35130.528	11933.276	39+821.392	138.818 LT	
PC TR B NANLOW PARK SUB	1/2" REBAR	35151.231	11936.791	39+833.890	121.942 LT	
E1/16 S28 T 19N R4W	3 1/4" BLM ALUM MON	35394.847	12178.708	39+842.023	221.287 RT	
NE COR L5 / L6 B3 NANLOW PARK SUB	1/2" REBAR	35152.929	11917.610	39+850.112	134.566 LT	
NE COR L6 / L7 B3 NANLOW PARK SUB	1/2" REBAR	35173.142	11910.156	39+875.407	125.247 LT	
SE COR L1 B1 NANLOW PARK SUB	RRSPIKE	35350.549	12065.418	39+881.071	110.443 RT	
PC TR B NANLOW PARK SUB	1/2" REBAR	35213.058	11927.984	39+891.949	83.648 LT	
NE COR L7 / L8 B3 NANLOW PARK SUB	1/2" REBAR	35194.528	11908.667	39+894.879	110.306 LT	
PC TR B NANLOW PARK SUB	1/2" REBAR	35241.470	11939.045	39+903.441	54.869 LT	
PC L8 B3 NANLOW PARK SUB	1/2" REBAR	35246.920	11924.868	39+919.520	59.594 LT	
PC TR B NANLOW PARK SUB	1/2" REBAR	35284.269	11948.154	39+924.556	15.831 LT	
NW COR L7 / L8 B3 NANLOW PARK SUB	1/2" REBAR	35194.638	11876.326	39+926.901	130.674 LT	
S COR L2 / L3 B1 NANLOW PARK SUB	1/2" REBAR	35350.909	11972.098	39+944.639	51.889 RT	
N COR L1 / L2 B1 NANLOW PARK SUB	1/2" REBAR	35445.925	12012.093	39+962.765	152.739 RT	
PC L3 B1 NANLOW PARK SUB	1/2" REBAR	35351.006	11946.136	39+964.453	37.171 RT	
NW COR L8 B3 NANLOW PARK SUB	1/2" REBAR	35293.696	11876.574	39+992.814	48.458 LT	7,9
WP 2R L3 USS 9030 RR MON	3 1/4" BLM ALUM MON	35616.167	12050.695	40+009.556	317.637 RT	
S COR L1 / L2 B2 NANLOW PARK SUB	1" IP	35355.202	11876.865	40+024.230	4.421 RT	7,9
C-N-S 1/64 COR S28 T19N R4W	1" IP	35194.795	11776.469	40+027.716	184.781 LT	
1/4 LINE / L1/L2 B2 NANLOW PARK SUB	1/2" REBAR	35395.613	11876.885	40+045.017	39.075 RT	
WP 2L L3 USS 9030 RR MON	3 1/4" BLM ALUM MON	35599.001	11992.178	40+050.889	272.797 RT	
W COR L4/L5 B1 NANLOW PARK SUB	1/2" REBAR	35511.791	11916.401	40+070.952	159.018 RT	
N COR L1/L2 B2 NANLOW PARK SUB	1/2" REBAR	35453.712	11878.398	40+073.631	89.662 RT	
E COR L4/L5 B2 NANLOW PARK SUB	1/2" REBAR	35554.221	11887.887	40+117.241	180.713 RT	
S COR L3/L4 B2 NANLOW PARK SUB	1/2" REBAR	35476.757	11837.060	40+120.934	88.137 RT	
C1/4 COR S28 T19N R4W	3 1/4" BLM BC MON	35395.841	11776.230	40+131.425	12.549 LT	6,9,10,12
N COR L3/L4 B2 NANLOW PARK SUB	1/2" REBAR	35554.267	11837.007	40+160.884	154.559 RT	
W COR L3/L5 B2 NANLOW PARK SUB	1/2" REBAR	35554.405	11776.073	40+213.193	123.306 RT	
W COR L5/L6 B2 NANLOW PARK SUB	1/2" REBAR	35597.085	11776.020	40+235.211	159.868 RT	

STATE OF ALASKA 49TH Rickey P. Bennett LS 6723 REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT LOCATIONS SURVEYORS CERTIFICATE

STATE OF ALASKA 49TH Rickey P. Bennett LS 6723 REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

PALMER RECORDING DISTRICT 2010-42

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-0A4-1(6)
59163
PARKS HIGHWAY MILE 57 - 67

DATE	REVISIONS	BY
12/9/99	ADDED WORK ITEMS	SS

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	NONE
CHECKED	RPB	DATE	APRIL 1999	SHEET	51 OF 53

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-0A4-1(14)	R52	53

MONUMENT SUMMARY SHEET

RECOVERED CORNERS - SHEET 40

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
C-S-S-N 1/256 COR S28 T19N R4W	1"IP	35496.378	11776.170	40+183.237	73.610 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	35456.369	11656.824	40+264.953	22.132 LT	
SE-SE-NW 1/256 COR SEC 28 T19N R4W	REBAR	35496.822	11675.650	40+269.640	22.240 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	35411.079	11616.503	40+276.203	81.718 LT	
POL W-E 1/64 LINE	5/8"REBAR	35431.378	11574.390	40+322.757	85.996 LT	
CN 1/16 COR S28 T19N R4W	3 1/4" BLM BC MON	35798.127	11775.805	40+338.898	332.109 RT	
C-W-E-W 1/256 COR S28 T19N R4W	1"IP	35396.565	11474.502	40+390.467	167.267 LT	
NE COR L2 SANDSTROM SUB	1"IP	35538.475	11473.237	40+463.273	46.510 LT	
CW 1/16 COR S28 T19N R4W	3 1/4" BLM BC MON	35396.668	11373.724	40+468.534	219.630 LT	
L5A / L5B CHRISTOPHER SUB	2" ALUM CAP [4635]	35554.386	11373.248	40+543.032	93.655 LT	
ANG PT L1 SANDSTROM SUB	1"IP	35598.349	11406.041	40+546.678	38.960 LT	
C-S-NW 1/64 COR S28 T19N R4W	3 1/4" ALUM MON	35598.389	11372.888	40+571.071	60.968 LT	
W 1/16 LINE @ HWY ROW S28 T19NR4W	5/8"REBAR	35627.852	11373.052	40+590.558	38.868 LT	
POL W 1/16 LINE S28 T19N R4W	1"IP	35651.856	11372.773	40+606.742	21.138 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	35701.051	11382.379	40+632.313	21.971 RT	
W 1/16 LINE @ HWY ROW S28 T19NR4W	5/8"REBAR	35710.004	11372.843	40+645.390	22.307 RT	

RECOVERED CORNERS - SHEET 41

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
HIGHWAY ROW MON	6"X6" CONCRETE POST	35655.572	11341.814	40+632.321	38.970 LT	
NE COR L2 / L5 CHRISTOPHER SUB	5/8"REBAR	35708.868	11282.023	40+712.418	38.986 LT	
1/4 COR S28 / S29 T 19N R4W	2 1/2" GLO BRASS CAP	35397.741	10971.314	40+737.247	477.989 LT	
NE COR L1 / L2 CHRISTOPHER SUB	5/8"REBAR	35766.646	11217.507	40+799.024	38.802 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	35783.346	11100.190	40+897.698	104.418 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	35834.248	11141.618	40+900.656	38.855 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	35821.368	11052.462	40+958.626	107.806 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	35874.749	11095.953	40+961.694	39.020 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	36046.647	10994.875	41+151.799	21.946 RT	
SEC COR S20/21/28/29 T 19N R4W	2 1/2" GLO BRASS CAP	36202.675	10968.636	41+287.186	111.111 RT	

STATE OF ALASKA 49TH Rickey P. Bennett LS 8723 REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT LOCATIONS SURVEYORS CERTIFICATE

STATE OF ALASKA 49TH Rickey P. Bennett LS 8723 REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

PALMER RECORDING DISTRICT 2010-42

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-0A4-1(6)
59163
PARKS HIGHWAY MILE 57 - 67

DATE	REVISIONS	BY

DRAWN	NFD/SS	DATE APRIL 1999	SCALE 1:1000
CHECKED	RPB	DATE APRIL 1999	SHEET 52 OF 53

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(14)	R53	53

MONUMENT SUMMARY SHEET

INSTALL PROJECT CENTERLINE MONUMENTS

LOCATION	RECORDED DOC. NO.	MONUMENT TYPE	NORTHING	EASTING	STATION	WORK ITEM
BOP	2004-035828-0	SECONDARY MON	26122.114	22947.939	24+400.000	5,12
PC	2004-035827-0	MON IN CASE	26528.918	22850.457	24+818.321	4,10,12
PT	2004-035826-0	MON IN CASE	26795.629	22475.355	25+320.577	4,10,12
POT	2004-035825-0	MON IN CASE	26757.971	22097.806	25+700.000	4,10,12
PC	2004-035824-0	MON IN CASE	26721.393	21731.075	26+068.550	4,10,12
PT	2004-035823-0	MON IN CASE	26793.131	21387.104	26+425.431	4,10,12
POT	2004-035822-0	MON IN CASE	26976.196	21060.318	26+800.000	4,10,12
PC	2004-035821-0	MON IN CASE	27175.291	20704.915	27+207.370	4,10,12
PT	2004-035820-0	MON IN CASE	27247.546	20387.101	27+345.611	4,10,12
POT	2004-035819-0	MON IN CASE	27416.803	20334.110	27+650.000	4,10,12
PC	2004-035818-0	MON IN CASE	27591.276	20073.323	27+963.769	4,10,12
PT	2004-035817-0	MON IN CASE	27773.893	19860.923	28+244.560	4,10,12
POT	2004-035816-0	MON IN CASE	27984.655	19668.425	28+530.000	4,10,12
PC	2004-035815-0	MON IN CASE	28106.287	19557.332	28+694.730	4,10,12
PT	2004-035814-0	MON IN CASE	28321.250	19254.054	29+069.319	4,10,12
POT	2004-035813-0	MON IN CASE	28403.789	19060.214	29+280.000	4,10,12
PC	2004-035812-0	MON IN CASE	28484.578	18870.482	29+486.216	4,10,12
PT	2004-035811-0	MON IN CASE	28601.976	18693.316	29+699.936	4,10,12
POT	2004-035810-0	MON IN CASE	28810.408	18477.457	30+000.000	4,10,12
PC	2004-035809-0	MON IN CASE	28933.531	18349.945	30+177.253	4,10,12
PT	2004-035808-0	MON IN CASE	29078.625	18149.213	30+425.768	4,10,12
POT	2004-035807-0	MON IN CASE	29194.571	17928.593	30+675.000	4,10,12
PC	2004-035806-0	MON IN CASE	29308.708	17711.414	30+920.344	4,10,12
PT	2004-035805-0	MON IN CASE	29356.397	17464.876	31+175.077	4,10,12
POT	2004-035804-0	MON IN CASE	29317.311	17081.942	31+560.000	4,10,12
PC	2004-035803-0	MON IN CASE	29276.901	16686.047	31+957.952	4,10,12
PT	2004-035802-0	MON IN CASE	29393.677	16342.904	32+331.823	4,10,12
POT	2004-035801-0	MON IN CASE	29612.357	16111.786	32+650.000	4,10,12
POT	2004-035800-0	MON IN CASE	29784.180	15930.190	32+900.000	4,10,12
POT	2004-035799-0	MON IN CASE	30059.096	15639.637	33+300.000	4,10,12
POT	2004-035798-0	MON IN CASE	30334.013	15349.085	33+700.000	4,10,12
POT	2004-035797-0	MON IN CASE	30608.929	15058.532	34+100.000	4,10,12
POT	2004-035796-0	MON IN CASE	30780.752	14876.936	34+350.000	4,10,12
PC	2004-035795-0	MON IN CASE	30917.002	14732.938	34+548.241	4,10,12
PT	2004-035794-0	MON IN CASE	31308.551	14494.036	35+012.339	4,10,12
PC	2004-035793-0	MON IN CASE	31478.525	14444.673	35+189.336	4,10,12
PT	2004-035792-0	MON IN CASE	31688.707	14352.263	35+419.600	4,10,12
POT	2004-035791-0	MON IN CASE	31842.897	14258.617	35+600.000	4,10,12
PC	2004-035790-0	MON IN CASE	32160.530	14065.703	35+971.626	4,10,12
PT	2004-035789-0	MON IN CASE	32824.549	13897.949	36+666.774	4,10,12
PC	2004-035788-0	MON IN CASE	33076.070	13910.760	36+918.621	4,10,12
PT	2004-035787-0	MON IN CASE	33367.631	13817.635	37+231.323	4,10,12
POT	2004-035786-0	MON IN CASE	33500.057	13713.358	37+400.000	4,10,12

INSTALL PROJECT CENTERLINE MONUMENTS

LOCATION	RECORDED DOC. NO.	MONUMENT TYPE	NORTHING	EASTING	STATION	WORK ITEM
POT	2004-035785-0	MON IN CASE	33814.091	13465.603	37+800.000	4,10,12
PC	2004-035784-0	MON IN CASE	34090.237	13247.738	38+151.740	4,10,12
PT	2004-035783-0	MON IN CASE	34273.338	13050.590	38+421.872	4,10,12
PC	2004-035782-0	MON IN CASE	34435.463	12810.591	38+711.499	4,10,12
PT	2004-035781-0	MON IN CASE	34511.602	12720.169	38+829.929	4,10,12
POT	2004-035780-0	MON IN CASE	34706.388	12533.095	39+100.000	4,10,12
POT	2004-035779-0	MON IN CASE	34922.760	12325.289	39+400.000	4,10,12
PC	2004-035777-0	MON IN CASE	35242.261	12018.438	39+842.987	4,10,12
PT	2004-035778-0	MON IN CASE	35334.442	11902.847	39+991.267	4,10,12
POT	2004-035776-0	MON IN CASE	35441.903	11723.902	40+200.000	4,10,12
PC	2004-035775-0	MON IN CASE	35569.138	11512.031	40+447.139	4,10,12
PT	2004-035774-0	MON IN CASE	35631.264	11427.627	40+552.096	4,10,12
POT	2004-035773-0	MON IN CASE	35729.701	11317.238	40+700.000	4,10,12
EOP	2004-035764-0	SECONDARY MON	35849.500	11182.894	40+880.000	5,12
PC	2004-035772-0	MON IN CASE	35033.063	12146.473	"BP" 1+620.566	4,10,12
PT	2004-035771-0	MON IN CASE	35095.422	12109.943	"BP" 1+693.554	4,10,12
PC	2004-035770-0	MON IN CASE	35216.357	11991.919	"BP" 1+862.537	4,10,12
PT	2004-035769-0	MON IN CASE	35300.550	11885.472	"BP" 1+998.628	4,10,12
PC	2004-035768-0	MON IN CASE	35325.187	11844.448	"BP" 2+046.482	4,10,12
PT	2004-035767-0	MON IN CASE	35340.640	11815.167	"BP" 2+079.607	4,10,12
PC	2004-035766-0	MON IN CASE	35369.923	11751.382	"BP" 2+149.792	4,10,12
PT	2004-035765-0	MON IN CASE	35440.847	11642.965	"BP" 2+279.828	4,10,12

STATE OF ALASKA 49TH Rodney P. Bennett LS 6725 REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT LOCATIONS SURVEYORS CERTIFICATE

STATE OF ALASKA 49TH Rodney P. Bennett LS 6725 REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

2010-42
Plat # Palmer
Rec Dist
Of 23 20 10
Date
Time 1:00 PM

DATE	REVISIONS	BY
4/8/10	MISC. REVISIONS	EF
10/10/00	ADDED "BP" CENTERLINE MONUMENTS	NY
12/9/99	REVISED COORDINATES AND STATIONS	SS

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59163
PARKS HIGHWAY MILE 57 - 67

DRAWN	NFD/SS	DATE	APRIL 1999	SCALE	1:1000
CHECKED	RPB	DATE	APRIL 1999	SHEET	53 OF 53

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

RIGHT OF WAY MAP
ALASKA PROJECT
PARKS HIGHWAY
MILE 67-72
I-OA4-1(6)
59163

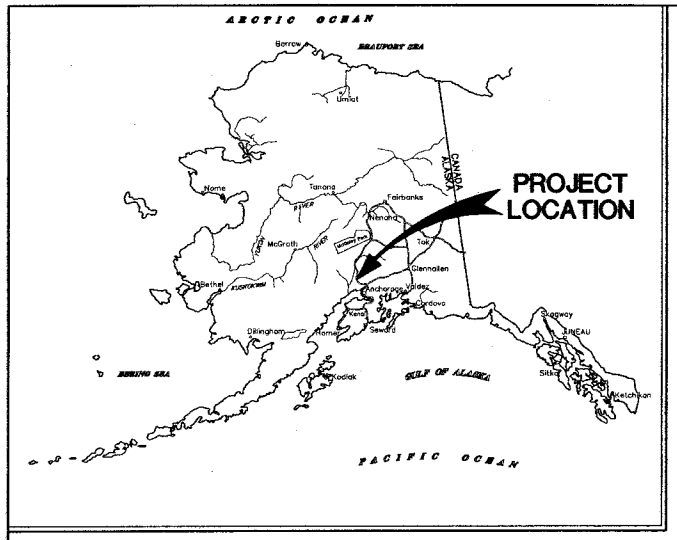
PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(15)	R1	R28

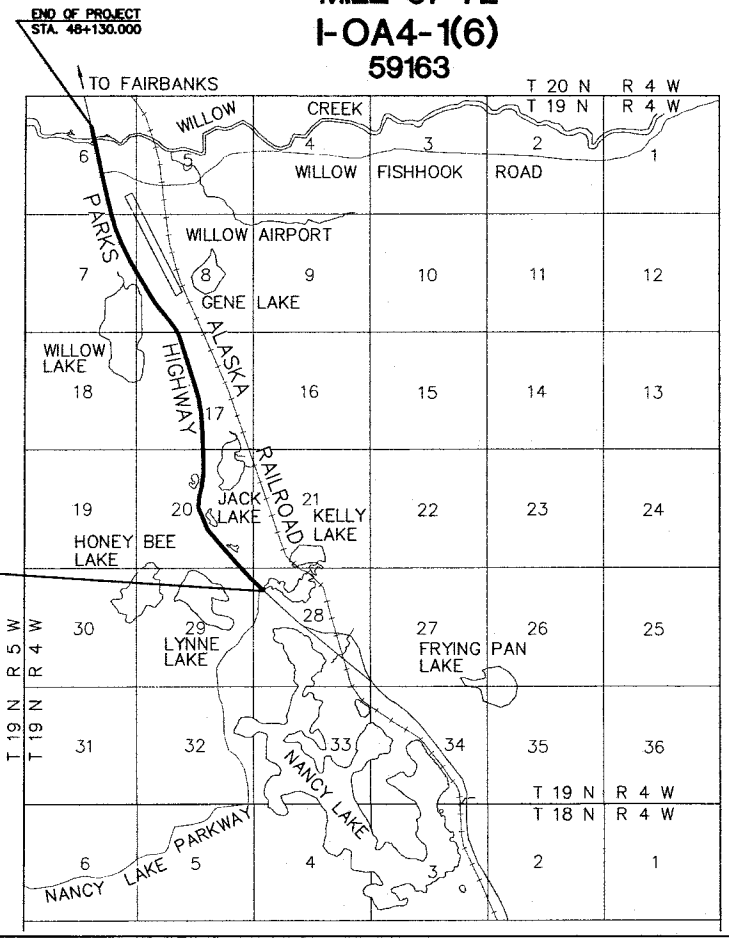
REVISIONS

No.	Date	Description
1	6/7/06	ADDED NOTES
2	8/8/06	REMOVED PLAT APPROVAL

2

EXHIBIT E





PROJECT LENGTH 7.5 KM.

SCALE

0 1/2 1 2 3 4 5

METRIC CONVERSION FACTORS

BASED ON METER - U.S. SURVEY FOOT RELATIONSHIP
1 METER = 39.37 INCHES EXACTLY. (METRIC LAW 1866)

FROM	TO	MULTIPLY BY
FOOT (U.S. SURVEY)	METER (m)	0.304800610
ACRE	HECTARE (ha)	0.404687261
SQUARE FOOT	METER² (m²)	0.092903412
METER (m)	FOOT (U.S. SURVEY)	3.280833333
HECTARE (ha)	ACRE	2.471043930
METER² (m²)	SQUARE FEET	10.763867360

NOTE: 1 HECTARE = 10,000 m²; 1 ACRE = 43,560 SQUARE FEET

CONSULTANT LOCATIONS SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF ALASKA AND THAT ALL RIGHT-OF-WAY CENTERLINE MONUMENT LOCATIONS HAVE BEEN ESTABLISHED AS INDICATED ON THE RIGHT-OF-WAY PLANS, ALL EXISTING FOUND SUBDIVISION MONUMENTS, PROPERTY CORNERS AND SECTION LINE MONUMENTATION AS INDICATED ON THE RIGHT-OF-WAY PLANS HAVE BEEN REFERENCED TO PROJECT SURVEY CONTROLS BY ME OR UNDER MY SUPERVISION.

Sept. 9, 2002 — LS 6723
DATE — REGISTRATION NUMBER
Rickey P. Bennett
RICKEY P. BENNETT

CONSULTANT RIGHT-OF-WAY SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF ALASKA AND THAT THIS PLAT WAS MADE BY ME OR UNDER MY SUPERVISION. THIS PLAT WAS BASED UPON THE MONUMENTS RECOVERED DURING THE LOCATIONS SURVEY FOR THIS PROJECT.

Sept. 9, 2002 — LS 6723
DATE — REGISTRATION NUMBER
Rickey P. Bennett
RICKEY P. BENNETT

1 MONUMENT OF RECORD CERTIFICATION

THE CONTRACTOR REFERENCED AND REESTABLISHED MONUMENTATION AS PER THE MONUMENT SUMMARY TABLE. TO OBTAIN THE MONUMENT OF RECORD INFORMATION SEE DOCUMENTS 2004-035830-0 TO 2004-035852-0 PALMER RECORDING DISTRICT.

DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES

APPROVED Sep 9, 2002
Date

REGIONAL CHIEF R/W AGENT

1 THIS SURVEY DOES NOT CONSTITUTE A SUBDIVISION AS DEFINED BY AS 40.15.19(2) WITHIN A PORTION OF SECTIONS; 6,7,8,17,20,28,& 29, T19N, R4W, SM RECORD OF SURVEY

PALMER RECORDING DISTRICT 2006-151

STATE BUSINESS - NO FEE

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(15)	R2	R28

	RECOVERED	TO BE SET THIS PROJECT
GOV'T SECTION CORNER	Sec. Cor. Fnd.	
GOV'T 1/4 SECTION CORNER	1/4 Cor. Fnd.	
GOV'T 1/6 SECTION CORNER	1/16 Cor. Fnd.	
GOV'T SURVEY MONUMENT		
GOV'T TRIANGULATION STA.		
PRIMARY MONUMENT [BRASS/AL CAP]		
MISC. CORNER		
CENTERLINE SURVEY MONUMENT		

INTERNATIONAL BOUNDARY LINE — ALASKA / CANADA

TOWNSHIP & RANGE LINE — T. 13 N. / T. 12 N.; R. 3 W. / R. 2 W.

SECTION OR LOT LINES

1/4 SECTION LINE

1/16 SECTION LINE

CORPORATE or CITY LIMITS

SECTION LINE INTERSECTION — 6+500; N 58°10'43" E; 6+446.140; 32.734; N 0°28'39" E; 6; 5; 7; 8

PROJECT CENTERLINE — 2+700

PROJECT RIGHT-OF-WAY LINE

CONTROLLED ACCESS LINE

PERMIT LINE

EXISTING EASEMENT LINE

RAILROAD LINE

LIMIT OF CUT SLOPE

LIMIT OF FILL SLOPE

EXISTING RIGHT-OF-WAY

RIGHT-OF-WAY REQUIRED

STATION EQUATIONS — 1+433.220 BK = 1+690.169 AH

	EXISTING
U.G. TELEPHONE (DIRECT BURY)	U.G. TELE
U.G. ELECTRIC (DIRECT BURY)	U.G. ELECT
U.G. DUCT	
TELEPHONE MANHOLE	
ELECTRIC MANHOLE	

FOUNDATION

BUILDING — GH = HOUSE; GA = GARAGE; M = MERCHANT/STORE; B = BARN; S = SHED; P = PRIVY; SS = SERVICE STATION; W = WAREHOUSE

INTERMITTENT DRAINAGE

INTERCEPTOR DITCH

GUARD RAIL

RETAINING WALL

NOISE BARRIER

FENCE

STONE FENCE

HEAD & WINGWALLS

TUNNEL

EXISTING ROADWAY

MARSHLAND

CREEKS

RIVERS

LAKES — LAKE

RESERVOIRS — RES

CHANNEL CHANGE

DECIDUOUS TREE

CONIFER TREE/SHRUB

SHRUB

GROUP OF SHRUBS

HIGHWAY MILEPOST — 143

RAILROAD MILEPOST — R.R. 2580+400 HWY. 136+330 — 942

PIPELINES:	EXISTING	PROPOSED
SANITARY SEWER	SS	SS
OIL	O	O
GAS	G	G
WATER	W	W
STORM DRAIN	SD	SD
MANHOLE	M.H.	M.H.
FIRE HYDRANT		
METER		
PIPE CULVERTS		
SIDEWALK		
CONCRETE CURB		
CONCRETE CURB & GUTTER		
DRIVEWAYS, APPROACHES, & SIDEDRAINS		
BRIDGE		
RIPRAP		
UTILITY POLE		
LUMINAIRE		
UTILITY POLE WITH LUMINAIRE		
GROUND LIGHT		
POLE ANCHOR		
TRANSMISSION TOWERS [WOOD]		
TRANSMISSION TOWERS [STEEL]		
ELECTRICAL OUTLET		
ELECTRICAL PEDESTAL		
TELEPHONE PEDESTAL		
CABLE T.V. PEDESTAL		
SATELLITE DISH		
PRIVATE SIGN		
GAS PUMP	GAS PUMP	
POST		
BOULDER	BOULDER	
PLANTER	PLANTER	
VENT		
TANK VENT		
WELL	WELL	
SEWER	SEWER	
TANKS		
Above Ground		
Below Ground		

TRAFFIC

PVC CONDUIT

RIGID METAL CONDUIT (EXISTING)

RIGID METAL CONDUIT (PROPOSED)

	EXISTING	PROPOSED
SIGNAL FACE, VEHICULAR		
SIGNAL FACE, BACKPLATE		
SIGNAL FACE, LEFT TURN, BACKPLATE		
SIGNAL FACE, PEDESTRIAN		
JUNCTION BOX, TYPE I	1	1
JUNCTION BOX, TYPE II	2	2
JUNCTION BOX, TYPE III	3	3
DETECTOR, LOOP	4	4
DETECTOR, MAGNETOMETER	6	6
DETECTOR, RADAR	R	R
DETECTOR, SONIC	S	S
DETECTOR, OPTICOM		
DETECTOR, PUSH BUTTON (DIRECTION)	5	5
SIGNAL CONTROLLER		
LOAD CENTER		
SIGNAL POLE	2	4
SIGNAL POLE w/MASTARM	3	5

FOR STRIPING PLANS:

SOLID WHITE STRIPE — W

SOLID YELLOW STRIPE — Y

BROKEN WHITE or YELLOW STRIPE — W Y

DASH YELLOW STRIPE — Y

SOLID YELLOW STRIPE with BROKEN YELLOW STRIPE — Y

PALMER RECORDING DISTRICT 2006-151

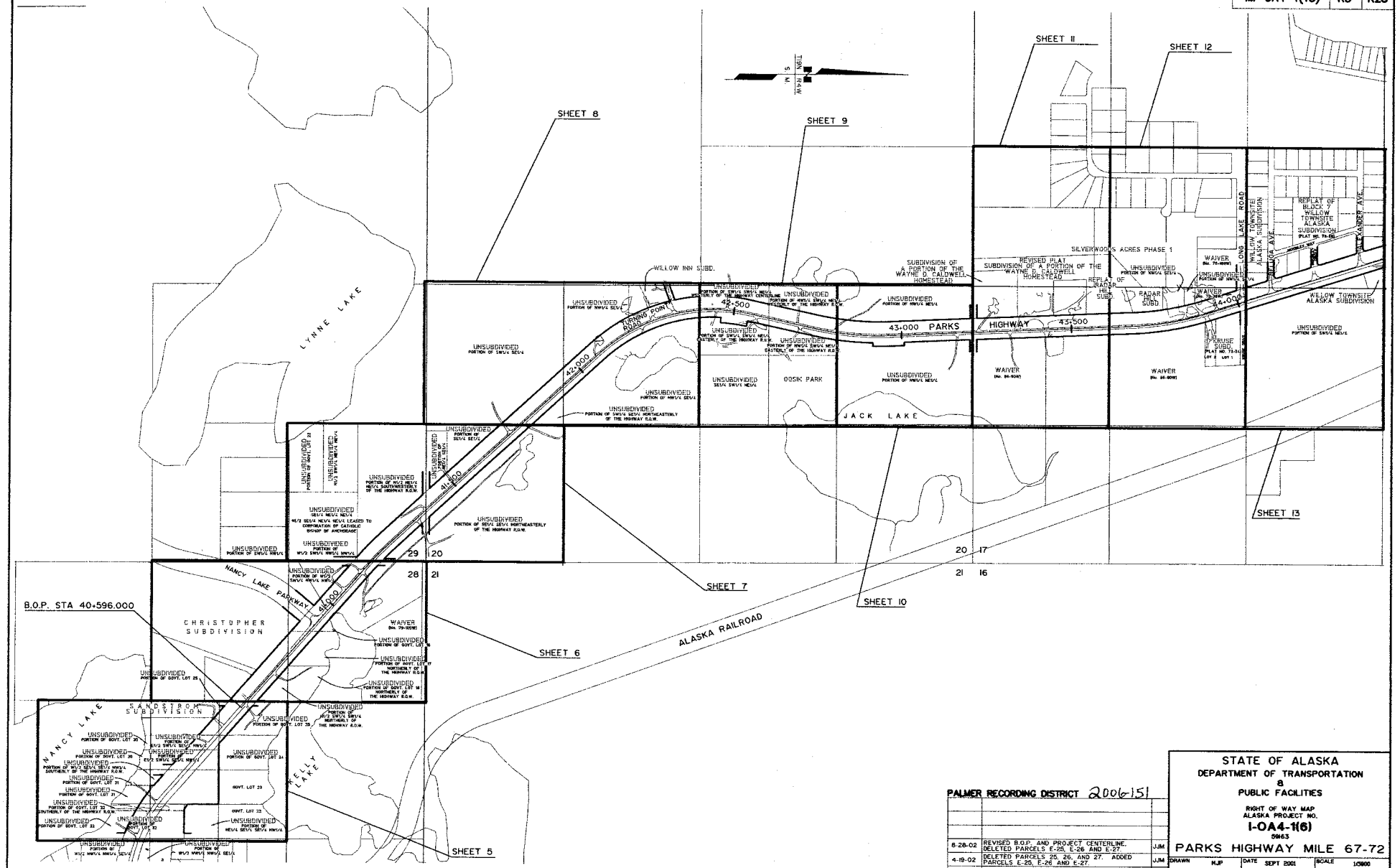
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES

RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59163

PARKS HIGHWAY MILE 67-72

DRAWN KJP	DATE SEPT 2001	SCALE NA	
CHECKED RPB	DATE SEPT 2001	SHEET 2 OF 28	

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(15)	R3	R28



PALMER RECORDING DISTRICT 2006151

DATE	REVISIONS	BY
8-28-02	REVISED B.O.P. AND PROJECT CENTERLINE. DELETED PARCELS E-25, E-26 AND E-27.	JJM
4-19-02	DELETED PARCELS 25, 26, AND 27. ADDED PARCELS E-25, E-26 AND E-27.	JJM

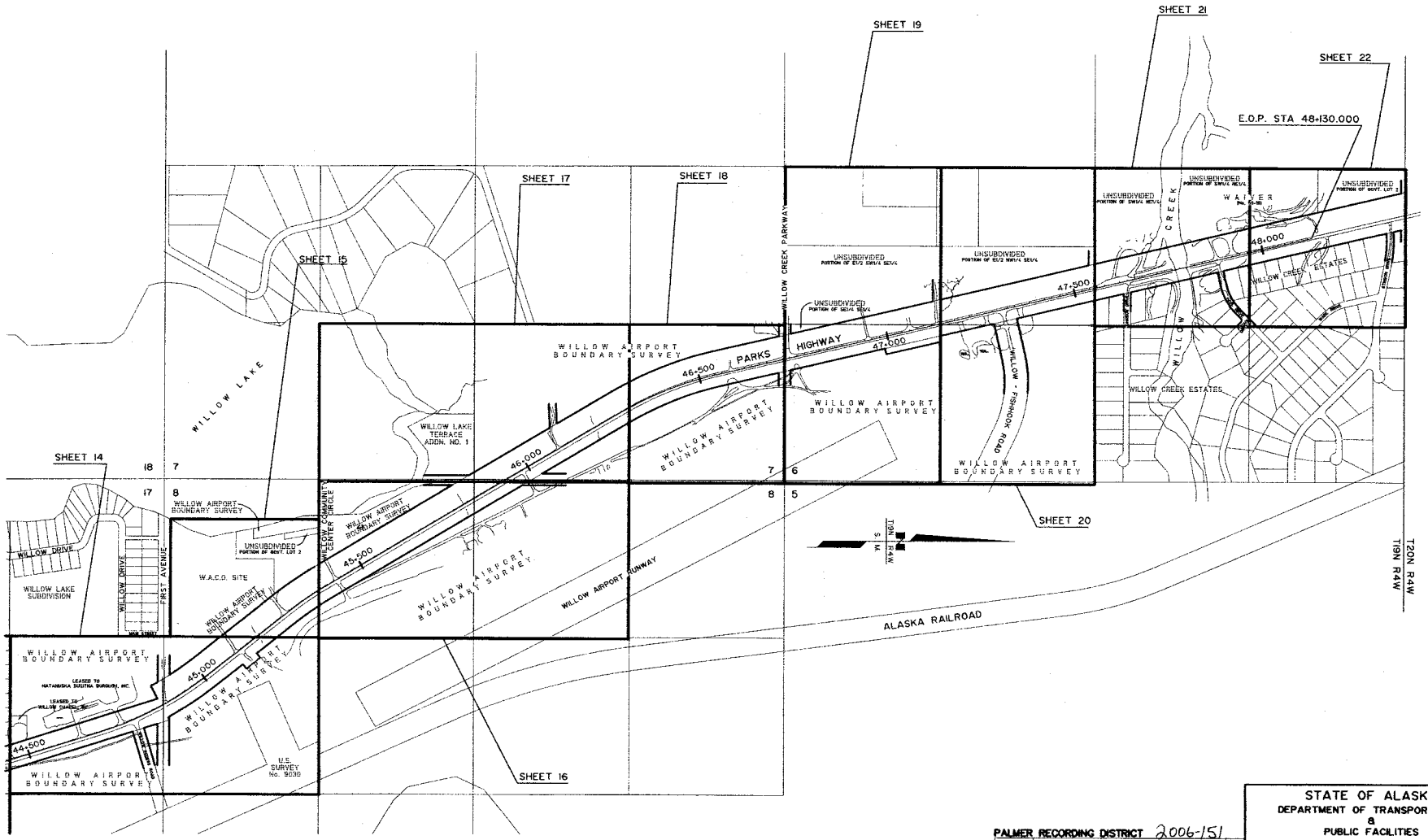
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59163

PARKS HIGHWAY MILE 67-72

DRAWN	NJP	DATE	SEPT 2001	SCALE	1:2600
CHECKED	RPB	DATE	SEPT 2001	SHEET	3 OF 28

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(15)	R4	R28



PALMER RECORDING DISTRICT 2006-151

DATE	REVISIONS	BY

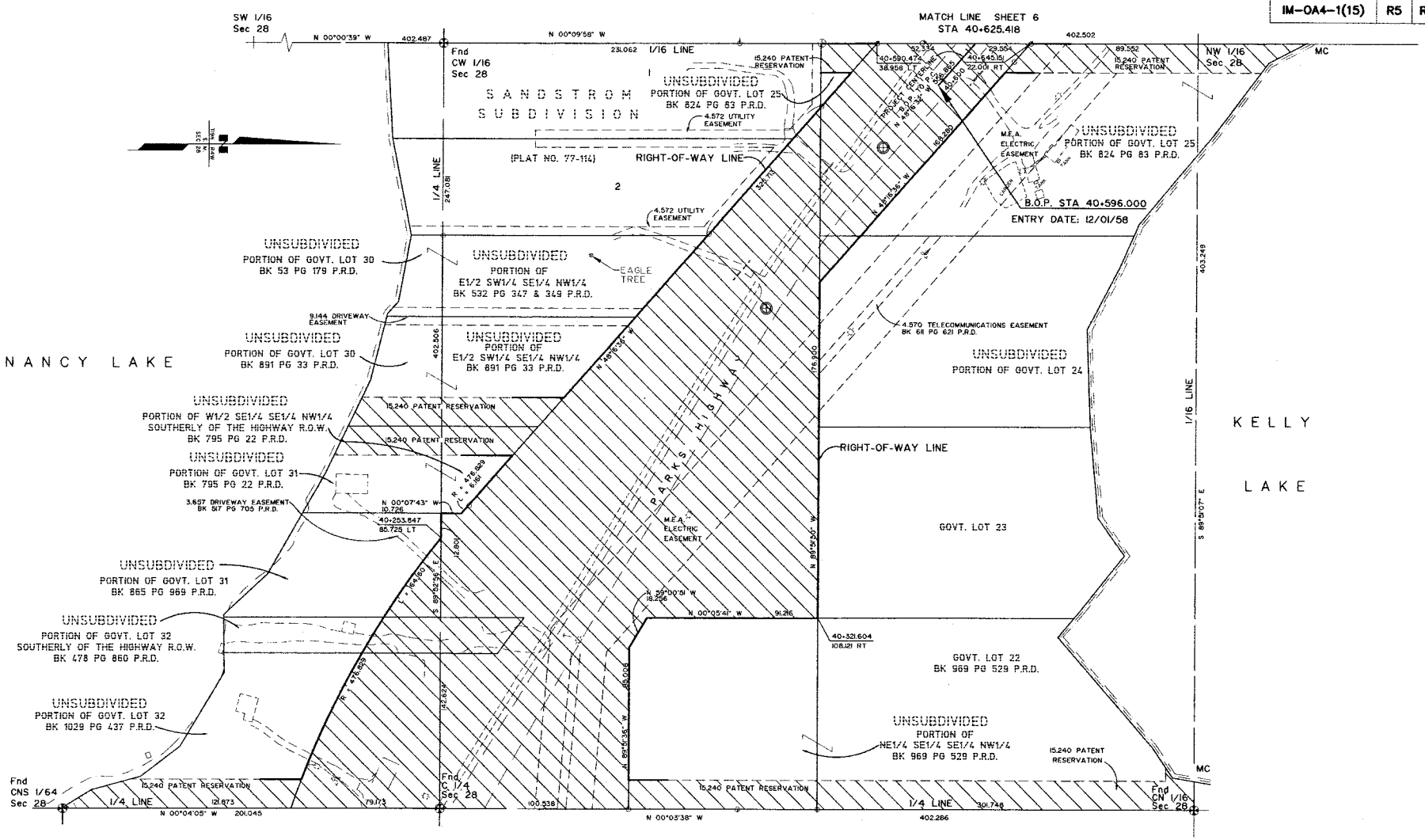
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59863

PARKS HIGHWAY MILE 67-72

DRAWN	KJP	DATE	SEPT 2001	SCALE	1:5000
CHECKED	RPB	DATE	SEPT 2001	SHEET	4 OF 28

PROJECT DESIGNATION	SHEET NO.	TOTAL
IM-OA4-1(15)	R5	R28



STATE OF ALASKA
49TH
Stacey P. Bennett
LS 6723
REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

NOTE:

1. STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.
2. THE RIGHT OF WAY WIDTH AS SHOWN IS BASED ON RIGHT OF WAY MAPS DATED 5/20/58, PROJECT NO. S0510(1), FILED WITH THE BUREAU OF PUBLIC ROADS, DISTRICT ENGINEERS OFFICE IN ANCHORAGE, EXCEPT AS NOTED.

PALMER RECORDING DISTRICT 2006-151

DATE	REVISIONS	BY
8-28-02	REVISED B.O.P. AND SLOPE LIMITS, MINOR REVISIONS.	JJM

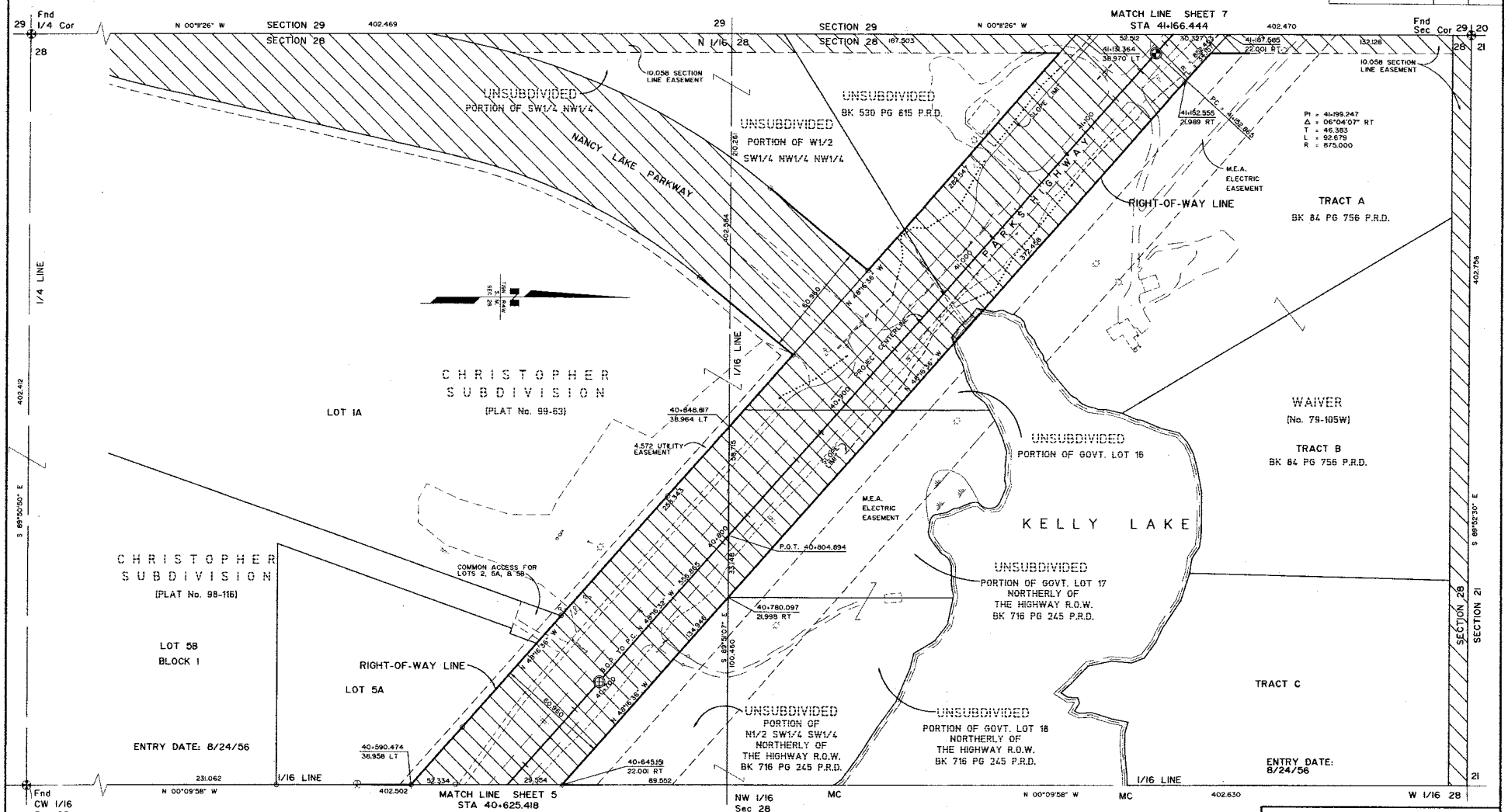
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59463

PARKS HIGHWAY MILE 67-72

DRAWN JJM	DATE SEPT 2001	SCALE 1:1000	
CHECKED RFB	DATE SEPT 2001	SHEET 5 OF 28	

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(15)	R6	R28



STATE OF ALASKA 49TH Richard P. Bennett LS 6723 REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

NOTE:

1. STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.
2. THE RIGHT OF WAY WIDTH AS SHOWN IS BASED ON RIGHT OF WAY MAPS DATED 5/20/58, PROJECT NO. S0510(11), FILED WITH THE BUREAU OF PUBLIC ROADS, DISTRICT ENGINEERS OFFICE IN ANCHORAGE, EXCEPT AS NOTED.

PALMER RECORDING DISTRICT 2006-151

DATE	REVISIONS	BY
8-28-02	REVISED SLOPE LIMITS, MINOR REVISIONS.	JJM

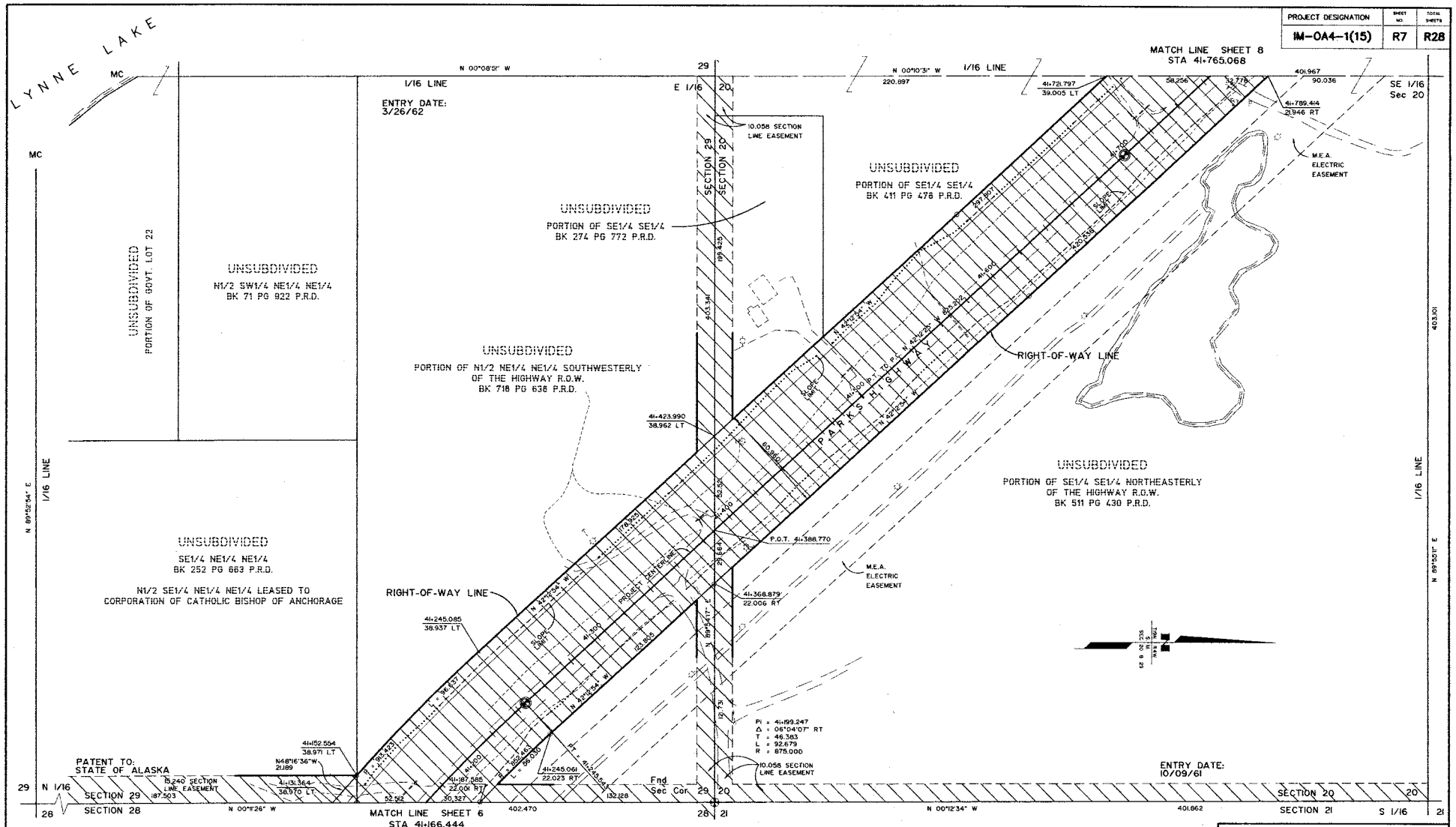
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES

RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59463

PARKS HIGHWAY MILE 67-72

DRAWN JJM	DATE SEPT 2001	SCALE 1:1000	
CHECKED RPB	DATE SEPT 2001	SHEET 6 OF 28	

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(15)	R7	R28



CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

NOTE:

1. STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.
2. THE RIGHT OF WAY WIDTH AS SHOWN IS BASED ON RIGHT OF WAY MAPS DATED 5/20/58. PROJECT NO. 50508L FILED WITH THE BUREAU OF PUBLIC ROADS, DISTRICT ENGINEERS OFFICE IN ANCHORAGE, EXCEPT AS NOTED.

PALMER RECORDING DISTRICT 2006-151

DATE	REVISIONS	BY
8-28-02	REVISED SLOPE LIMITS, MINOR REVISIONS.	JJM

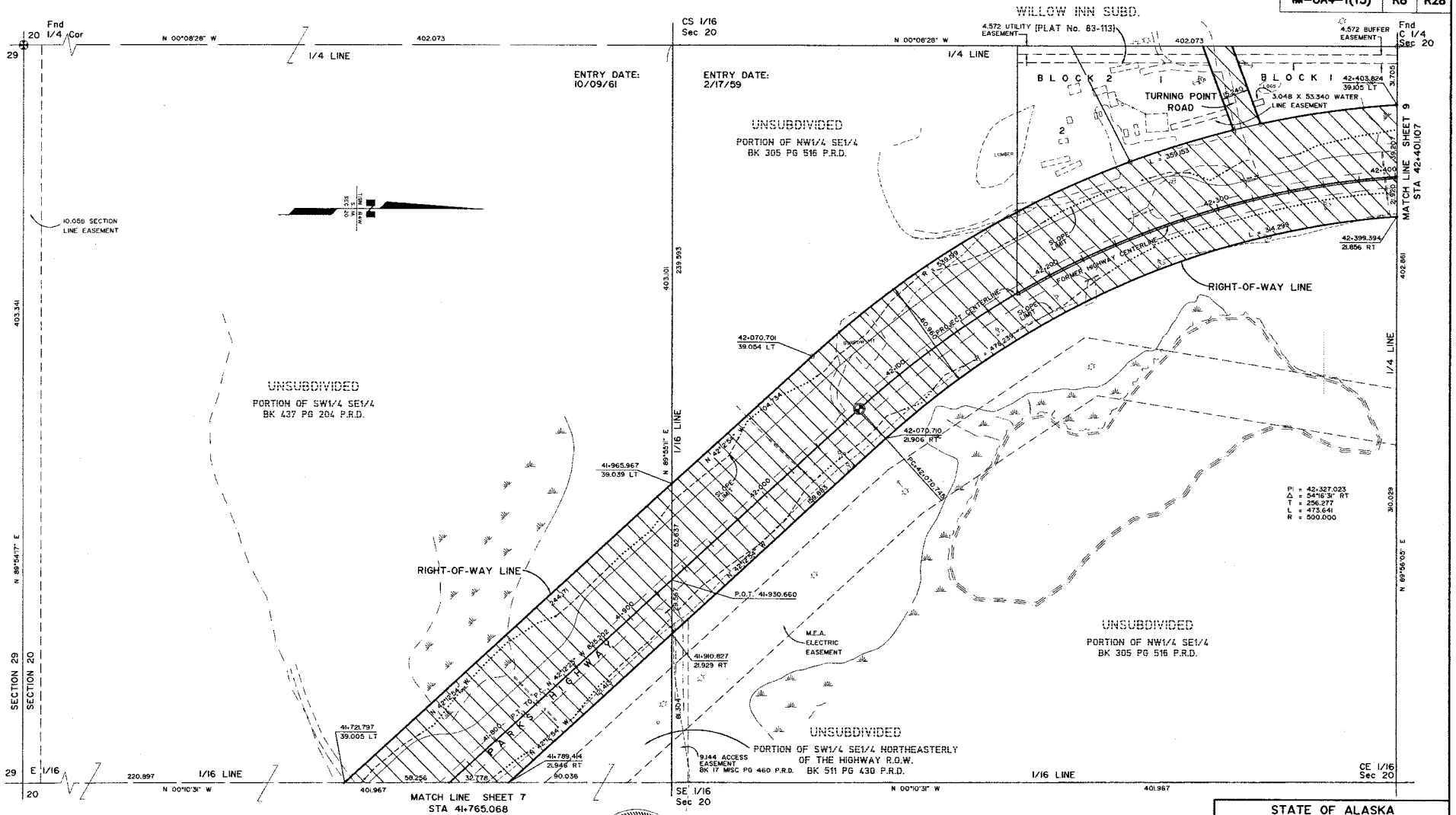
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59163

PARKS HIGHWAY MILE 67-72

DRAWN JJM	DATE SEPT 2001	SCALE 1:1000	
CHECKED RPB	DATE SEPT 2001	SHEET 7 OF 28	

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(15)	R8	R28



STATE OF ALASKA 49TH Rickey P. Bennett LS 6723 REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

NOTE:

1. STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.
2. THE RIGHT OF WAY WIDTH AS SHOWN IS BASED ON RIGHT OF WAY MAPS DATED 5/20/58, PROJECT NO. S0510(1), FILED WITH THE BUREAU OF PUBLIC ROADS, DISTRICT ENGINEERS OFFICE IN ANCHORAGE, EXCEPT AS NOTED.

PALMER RECORDING DISTRICT 2006-151

DATE	REVISIONS	BY
6-28-02	REVISED SLOPE LIMITS, MINOR REVISIONS.	JJM

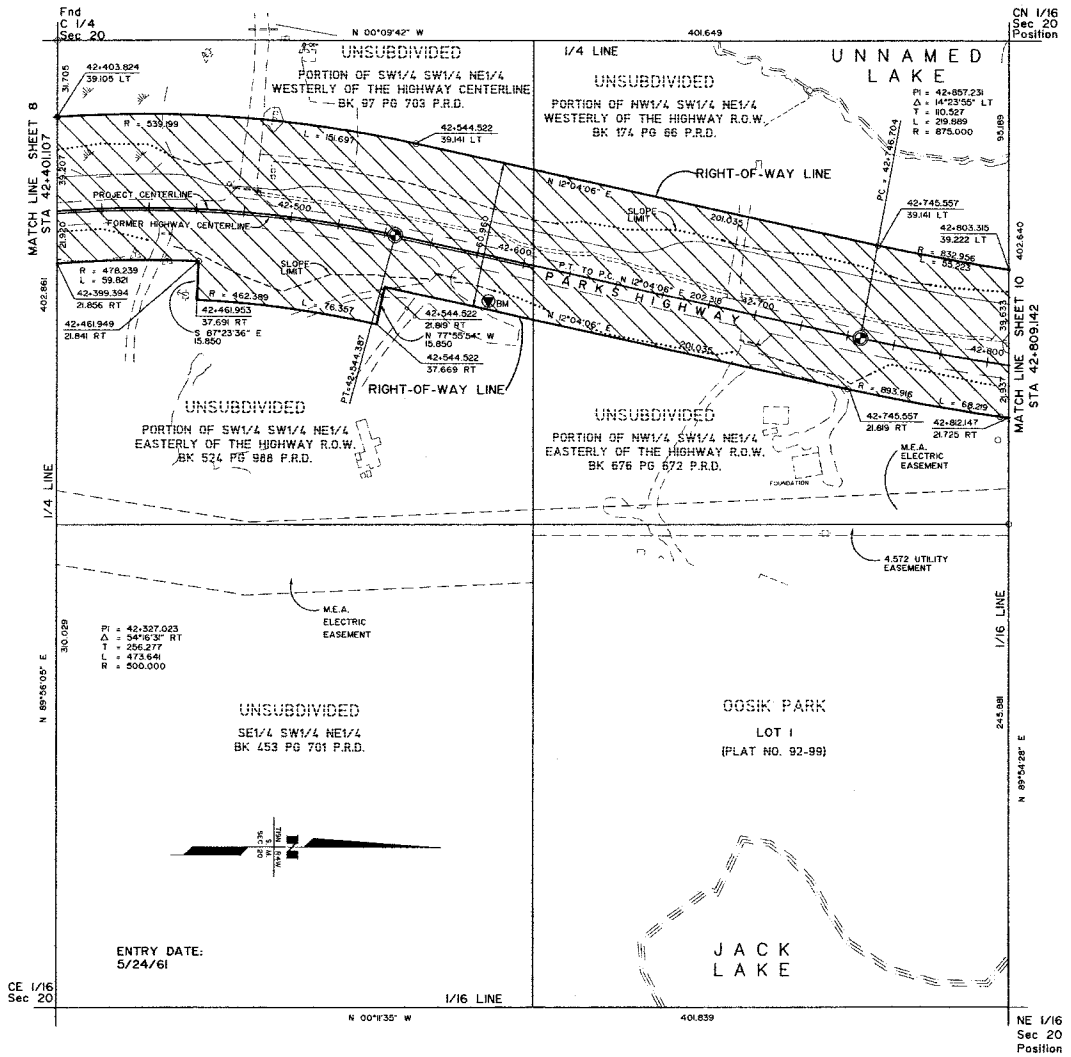
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES

RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59163

PARKS HIGHWAY MILE 67-72

DRAWN JJM	DATE SEPT 2001	SCALE 1:1000	
CHECKED RPB	DATE SEPT 2001	SHEET 8 OF 28	

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(15)	R9	R28



STATE OF ALASKA
49TH
Richey P. Bennett
LS 6723
REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

NOTE:

1. STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.
2. THE RIGHT OF WAY WIDTH AS SHOWN IS BASED ON RIGHT OF WAY MAPS DATED 5/20/58, PROJECT NO. S0510111, FILED WITH THE BUREAU OF PUBLIC ROADS, DISTRICT ENGINEERS OFFICE IN ANCHORAGE, EXCEPT AS NOTED.

PALMER RECORDING DISTRICT 2006-151

DATE	REVISIONS	BY
8-26-02	REVISED CENTERLINE, SLOPE LIMITS, AND STATIONS & OFFSETS AND MINOR REVISIONS.	JJM

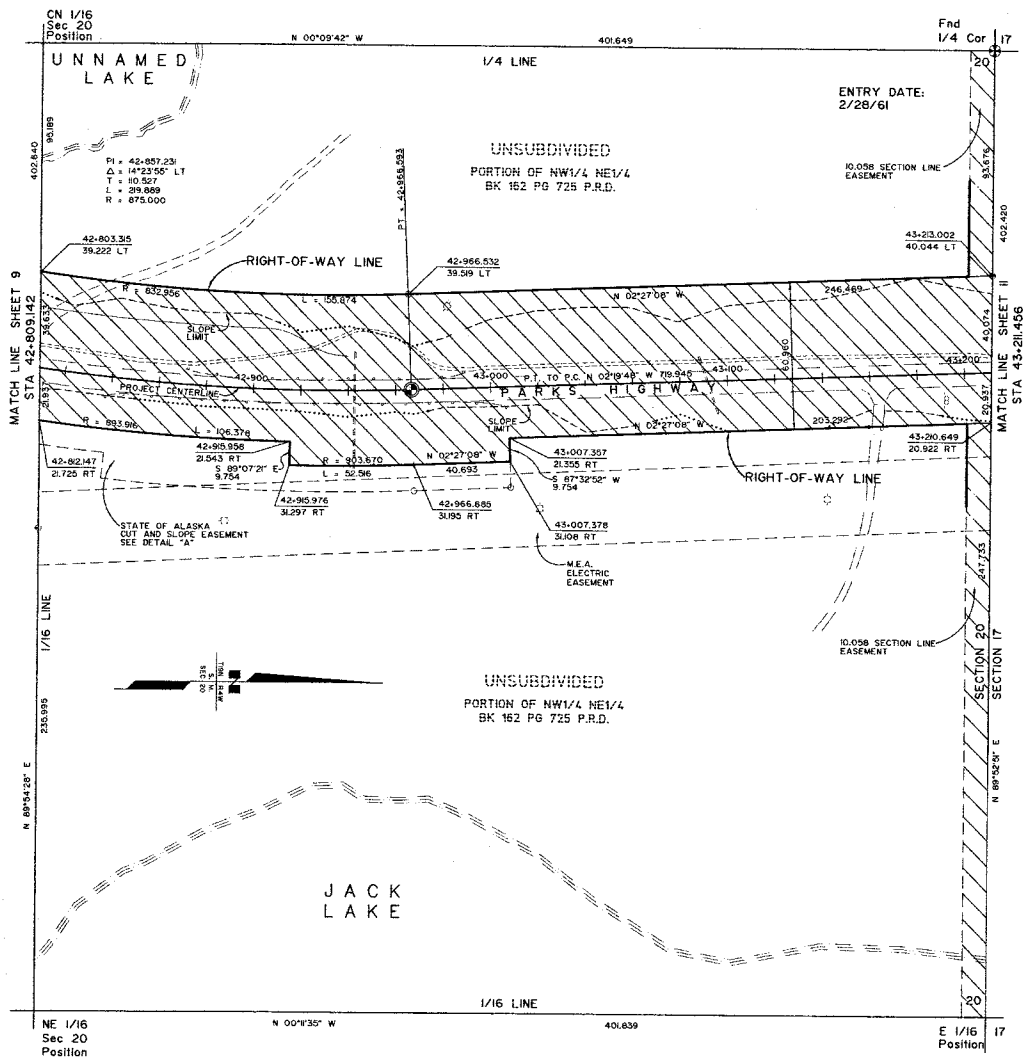
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES

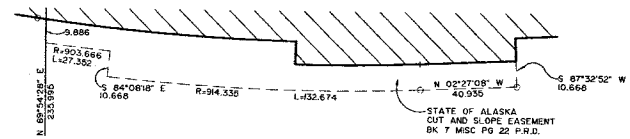
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59163

PARKS HIGHWAY MILE 67-72

DRAWN	JJM	DATE	SEPT 2001	SCALE	1:1000
CHECKED	RPB	DATE	SEPT 2001	SHEET	9 OF 28

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(15)	R10	R28





DETAIL A
N.T.S.

STATE OF ALASKA
49TH
Rickey P. Bennett
LS 6723
REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

NOTE:

1. STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.
2. THE RIGHT OF WAY WIDTH AS SHOWN IS BASED ON RIGHT OF WAY MAPS DATED 5/20/58, PROJECT NO. SO91011, FILED WITH THE BUREAU OF PUBLIC ROADS, DISTRICT ENGINEERS OFFICE IN ANCHORAGE, EXCEPT AS NOTED.

PALMER RECORDING DISTRICT 2006-151

DATE	REVISIONS	BY
8-28-02	REVISED CENTERLINE, SLOPE LIMITS, AND STATIONS & OFFSETS AND MINOR REVISIONS.	JJM

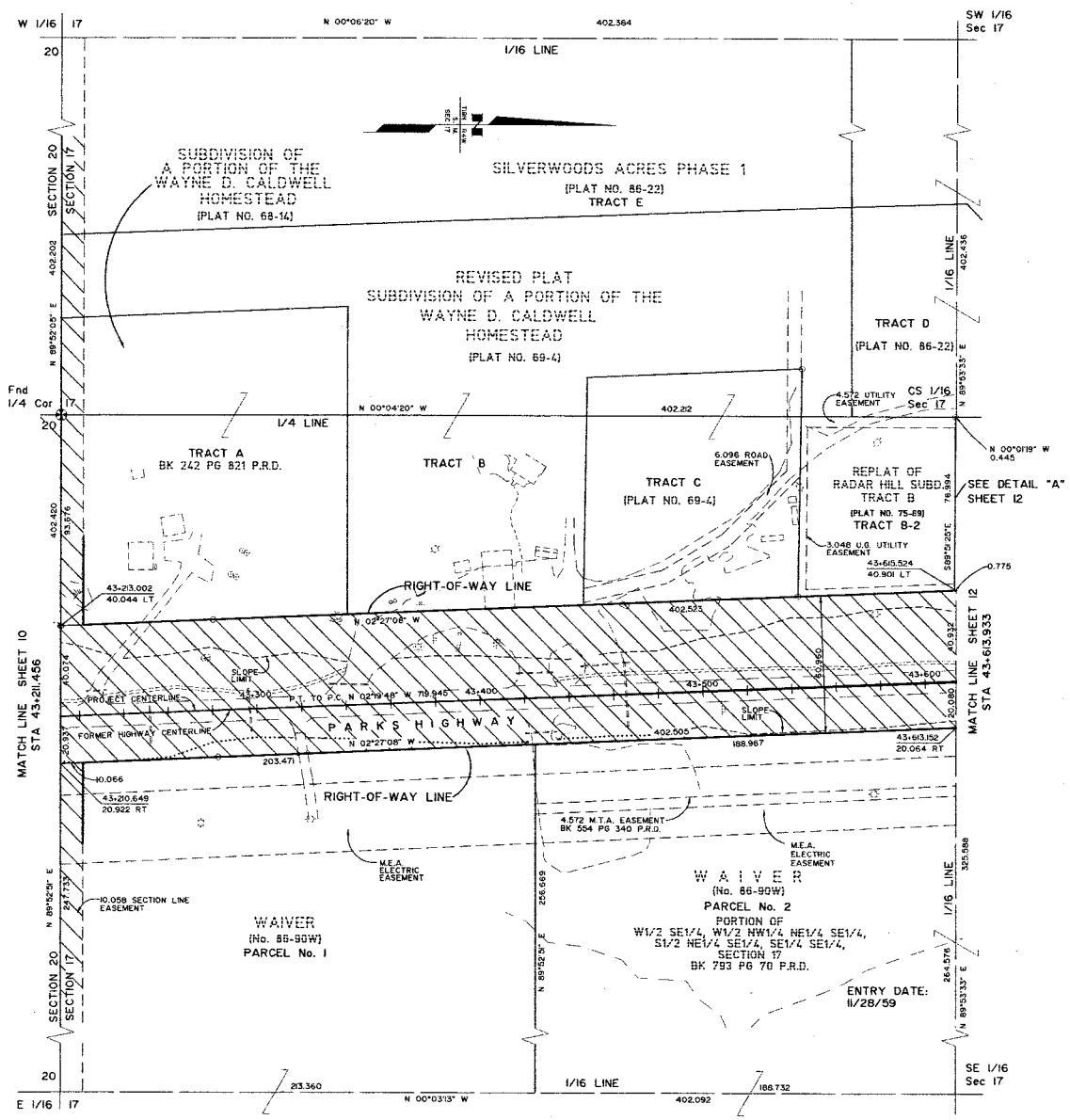
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59163

PARKS HIGHWAY MILE 67-72

DRAWN	JJN	DATE	SEPT 2001	SCALE	1:1000
CHECKED	RPB	DATE	SEPT 2001	SHEET	16 OF 28

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(15)	R11	R28



CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

PALMER RECORDING DISTRICT 2006-151

DATE	REVISIONS	BY
8-28-02	DELETED PARCEL E-25. REVISED CENTERLINE, SLOPE LIMITS, AND STATIONS & OFFSETS AND MINOR REVISIONS.	J-M
4-19-02	DELETED PARCEL NO. 25, ADDED PARCEL E-25.	J-M

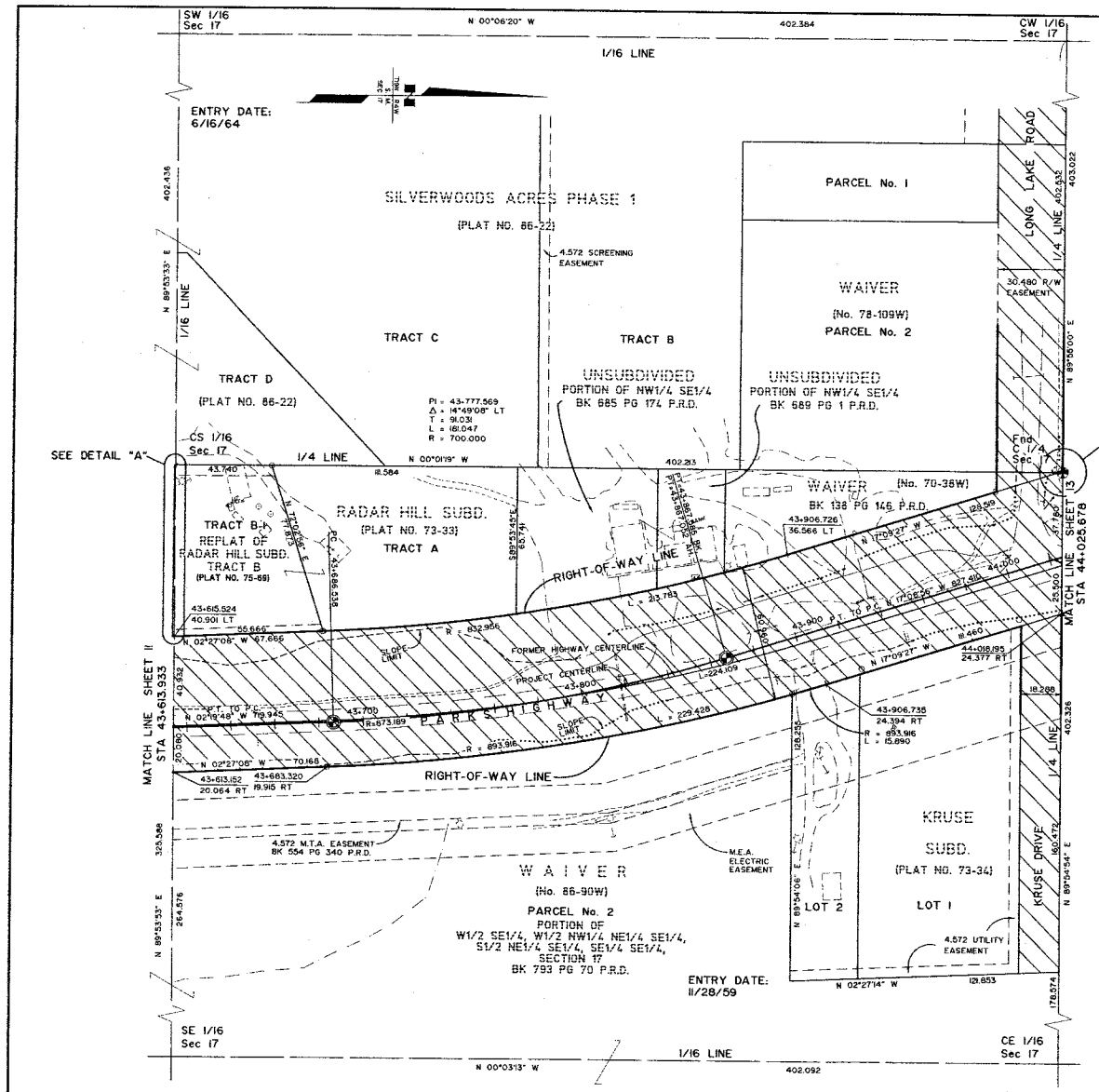
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES

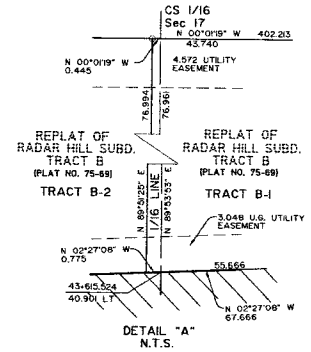
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59953

PARKS HIGHWAY MILE 67-72

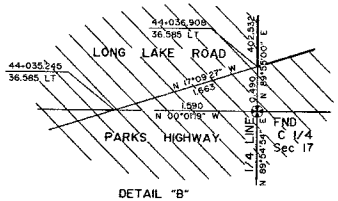
DRAWN	J.M	DATE	SEPT 2001	SCALE	1:1000
CHECKED	RPB	DATE	SEPT 2001	SHEET	11 OF 28

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(15)	R12	R28





DETAIL "A"
N.T.S.



DETAIL "B"
N.T.S.

NOTE:

1. STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.

2. THE RIGHT OF WAY WIDTH AS SHOWN IS BASED ON RIGHT OF WAY MAPS DATED 5/20/58, PROJECT NO. SO510(1), FILED WITH THE BUREAU OF PUBLIC ROADS, DISTRICT ENGINEERS OFFICE IN ANCHORAGE, EXCEPT AS NOTED.

PALMER RECORDING DISTRICT 2006-151

DATE	REVISIONS	BY
8-28-02	DELETED PARCELS E-25, E-26, AND E-27. REVISED CENTERLINE, SLOPE LIMITS, AND STATIONS & OFFSETS AND MINOR REVISIONS. DELETED DETAIL "C".	JJM
4-19-02	DELETED PARCELS 25,26 & 27. ADDED PARCELS E-25, E-26, & E-27.	JJM

STATE OF ALASKA
49TH
Rickey P. Bennett
LS 6723
REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

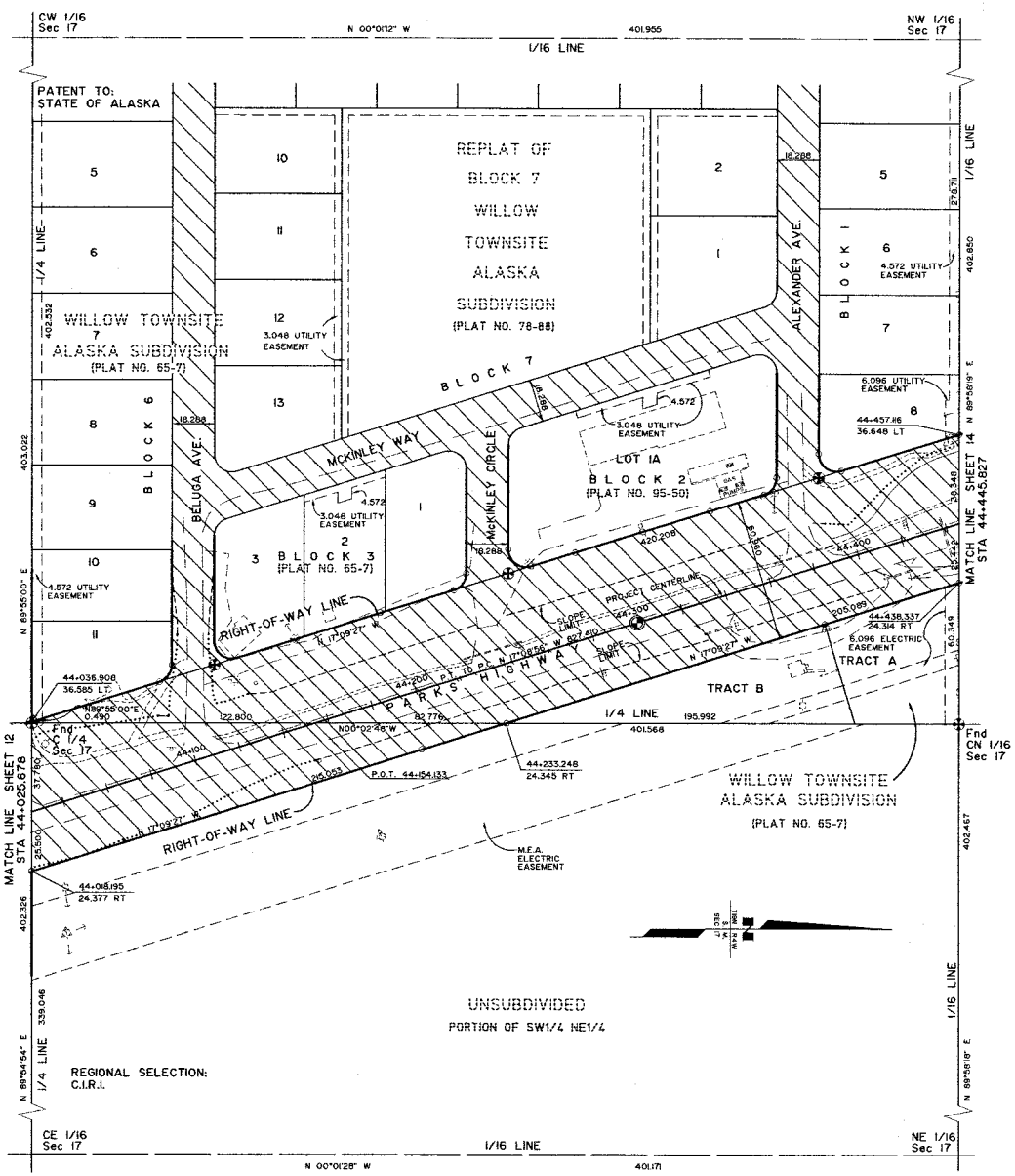
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES

RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59163

PARKS HIGHWAY MILE 67-72

DRAWN	JJM	DATE	SEPT 2001	SCALE	1:4800
CHECKED	RPB	DATE	SEPT 2001	SHEET	12 OF 28

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(15)	R13	R28



NOTE:

1. STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.
2. THE RIGHT OF WAY WIDTH AS SHOWN IS BASED ON RIGHT OF WAY MAPS DATED 5/20/58, PROJECT NO. S05(10), FILED WITH THE BUREAU OF PUBLIC ROADS, DISTRICT ENGINEERS OFFICE IN ANCHORAGE, EXCEPT AS NOTED.

PALMER RECORDING DISTRICT 2006-151

DATE	REVISIONS	BY
8-28-02	REVISED SLOPE LIMITS, MINOR REVISIONS.	JJM

STATE OF ALASKA 49TH Rickey P. Bennett LS 6723 REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

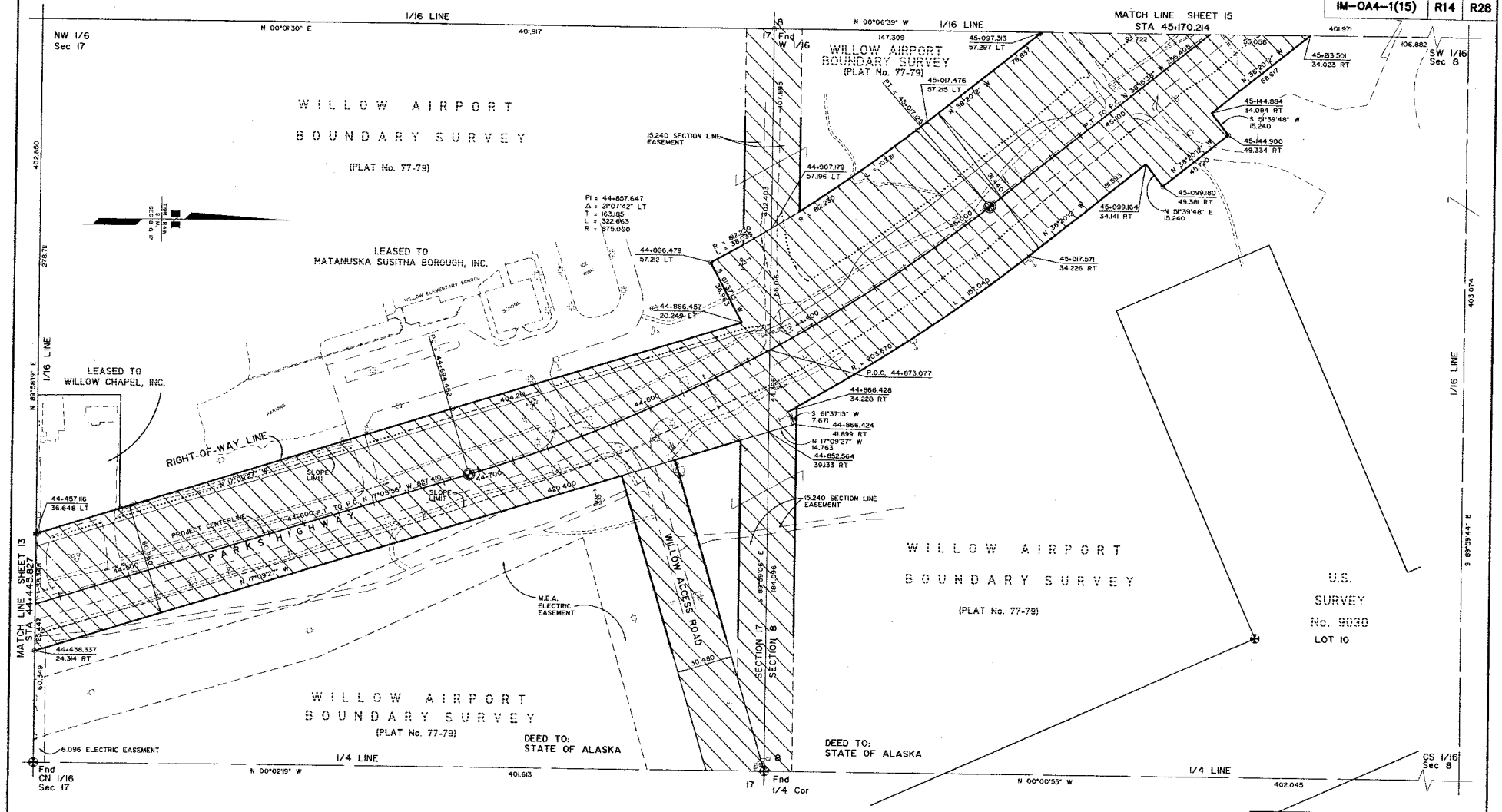
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES

RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59163

PARKS HIGHWAY MILE 67-72

DRAWN	JJM	DATE	SEPT 2001	SCALE	1:6000
CHECKED	RPB	DATE	SEPT 2001	SHEET	13 OF 28

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(15)	R14	R28



STATE OF ALASKA
49TH
Rickey P. Bennett
LS 6723
REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

NOTE:

1. STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.
2. THE RIGHT OF WAY WIDTH AS SHOWN IS BASED ON RIGHT OF WAY MAPS DATED 5/20/58, PROJECT NO. SO5(01), FILED WITH THE BUREAU OF PUBLIC ROADS, DISTRICT ENGINEERS OFFICE IN ANCHORAGE, EXCEPT AS NOTED.

PALMER RECORDING DISTRICT 2006-151

DATE	REVISIONS	BY
6-28-02	REVISED SLOPE LIMITS, MINOR REVISIONS.	JJM

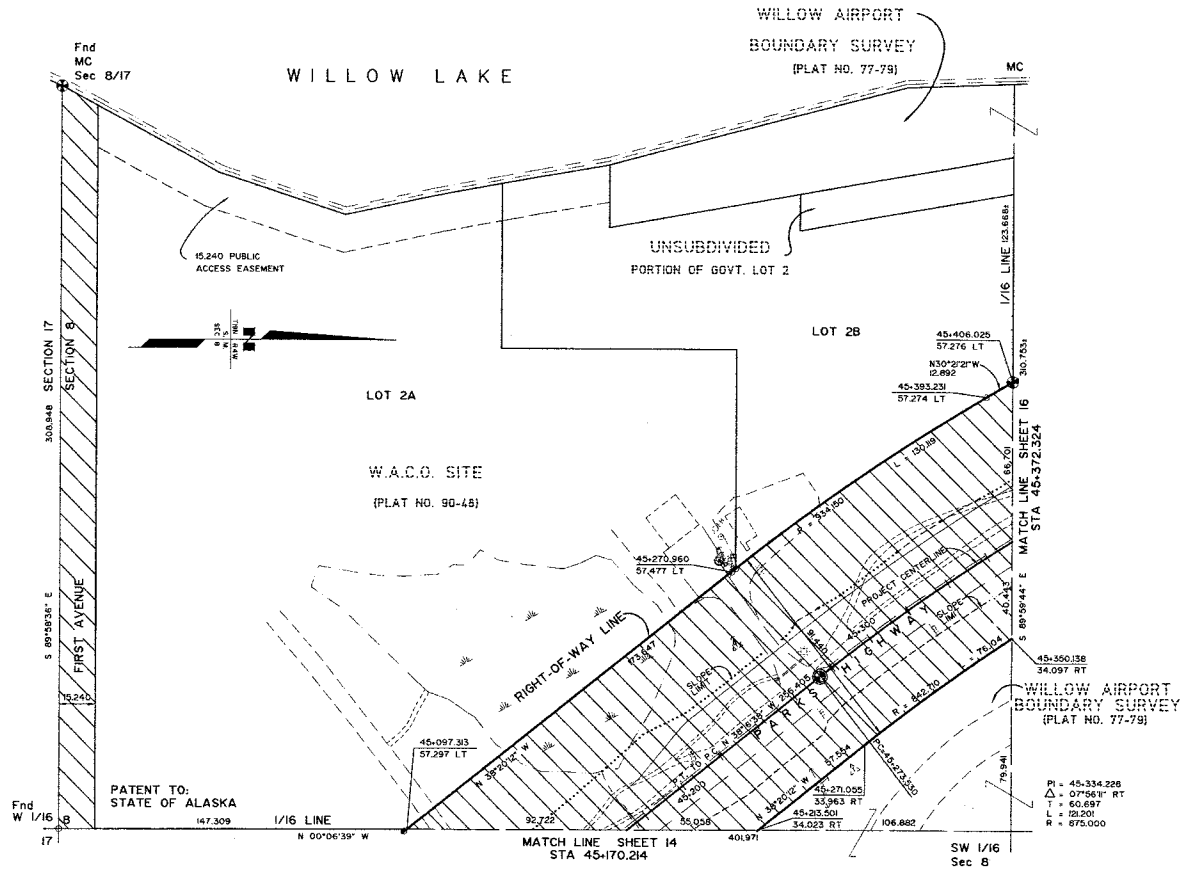
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59163

PARKS HIGHWAY MILE 67-72

DRAWN	JJM	DATE	SEPT 2001	SCALE	1:1000
CHECKED	RPB	DATE	SEPT 2001	SHEET	14 OF 28

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(15)	R15	R28



NOTE:

1. STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.

PALMER RECORDING DISTRICT 2006-151

DATE	REVISIONS	BY
8-28-02	REVISED SLOPE LIMITS, MINOR REVISIONS.	JJM

STATE OF ALASKA
STATE OF ALASKA 49TH Wesley P. Bennett LS 6723 LICENSED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

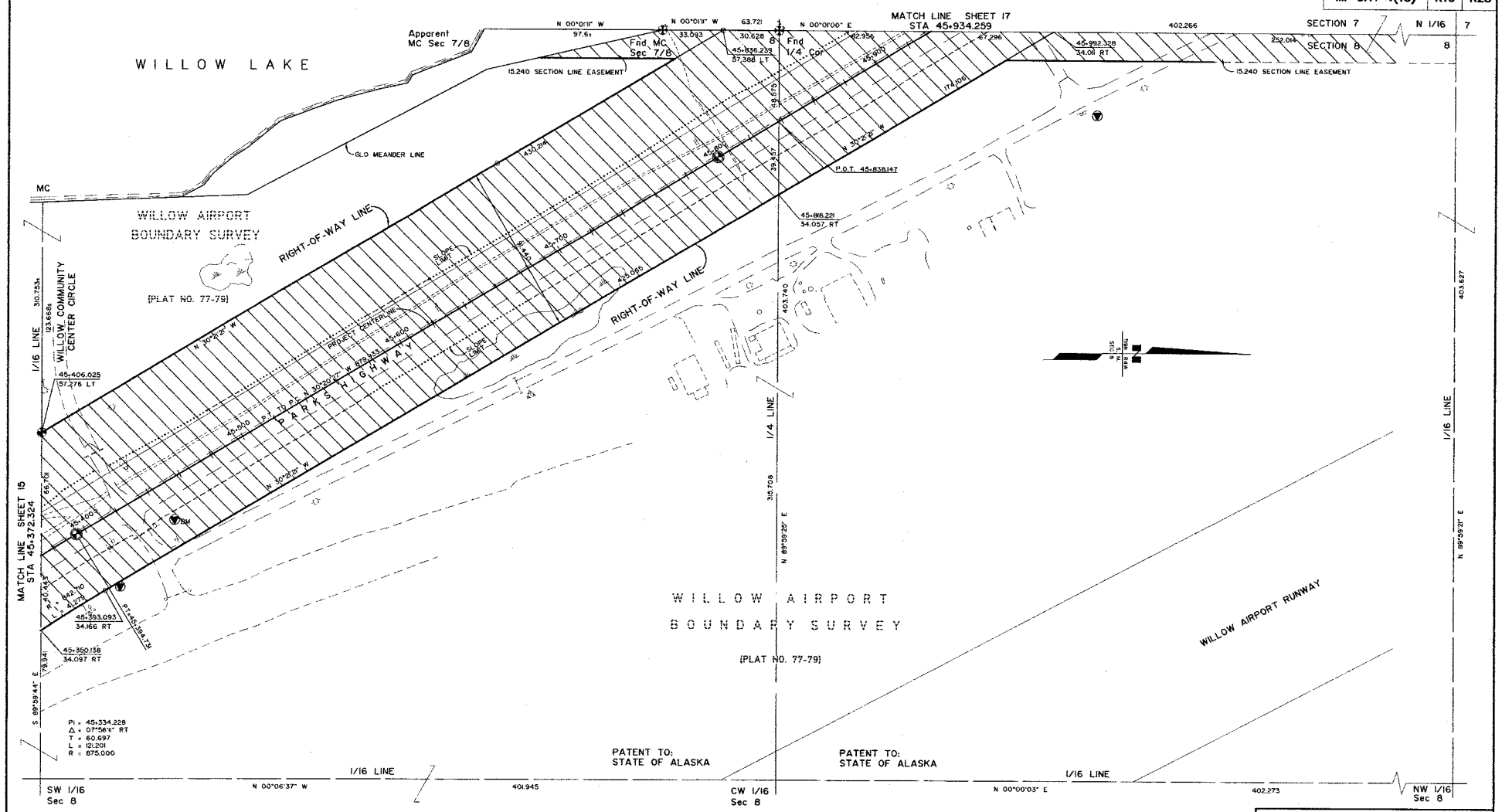
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59163

PARKS HIGHWAY MILE 67-72

DRAWN	JJM	DATE	SEPT 2001	SCALE	1:1000
CHECKED	RPB	DATE	SEPT 2001	SHEET	15 OF 28

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(15)	R16	R28



CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

NOTE:

1. STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.

PALMER RECORDING DISTRICT 2006-151

DATE	REVISIONS	BY
8-26-02	REVISED SLOPE LIMITS, MINOR REVISIONS.	JJM

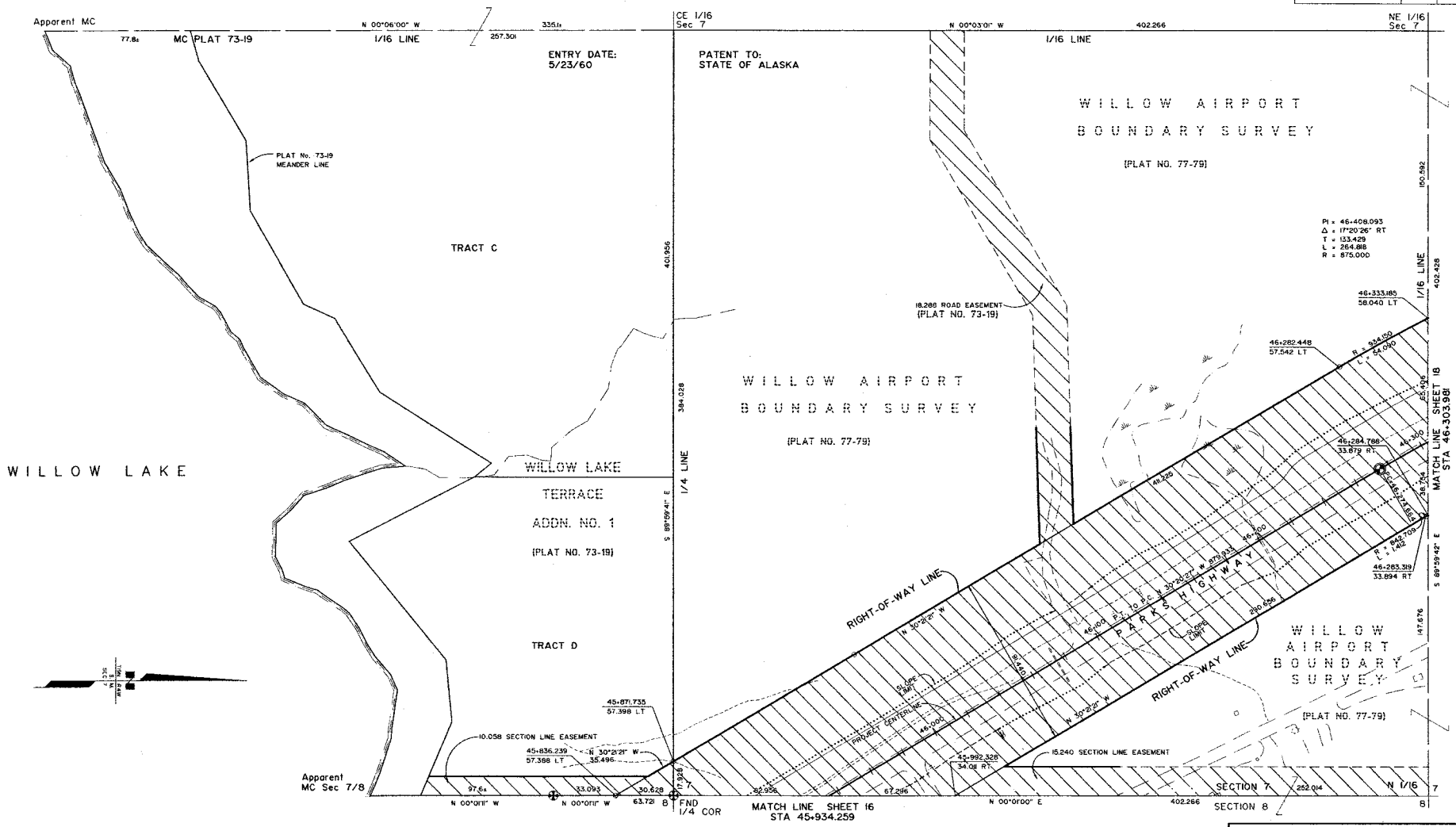
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES

RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59463

PARKS HIGHWAY MILE 67-72

DRAWN JJM	DATE SEPT 2001	SCALE 1:1000	
CHECKED RPB	DATE SEPT 2001	SHEET 16	OF 28

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(15)	R17	R28



NOTE:

1. STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.

STATE OF ALASKA 49TH Ridney P. Bennett LS 6723 PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

PALMER RECORDING DISTRICT 2006-151

DATE	REVISIONS	BY
8-28-02	REVISED SLOPE LIMITS, MINOR REVISIONS.	JJM

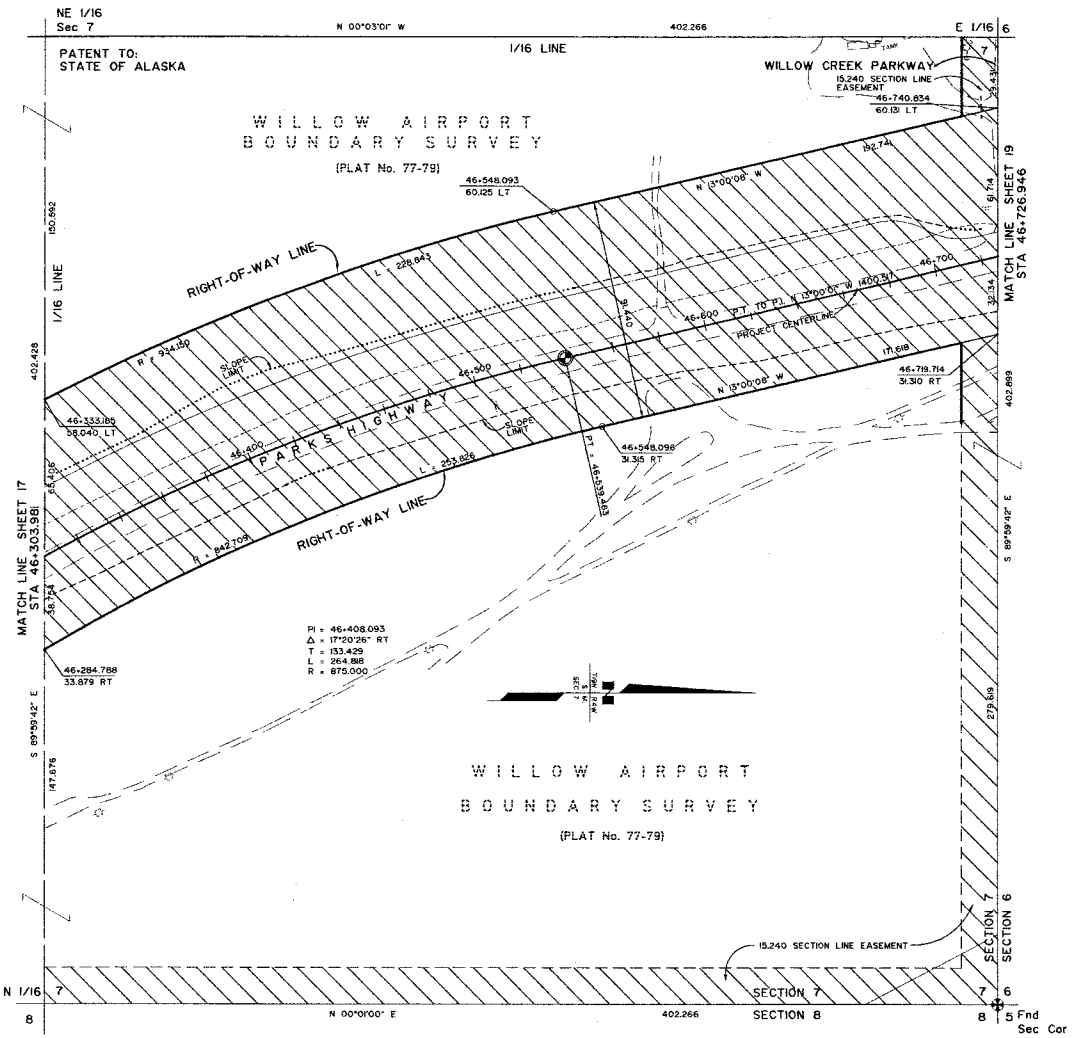
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES

RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59963

PARKS HIGHWAY MILE 67-72

DRAWN	JJM	DATE	SEPT 2001	SCALE	1:4000
CHECKED	RPB	DATE	SEPT 2001	SHEET	17 OF 28

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(15)	R18	R28



CONSULTANT RIGHT-OF-WAY SURVEYOR'S CERTIFICATE

NOTE:

1. STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.

PALMER RECORDING DISTRICT 2006-151

DATE	REVISIONS	BY
8-28-02	REVISED SLOPE LIMITS, MINOR REVISIONS.	JJM

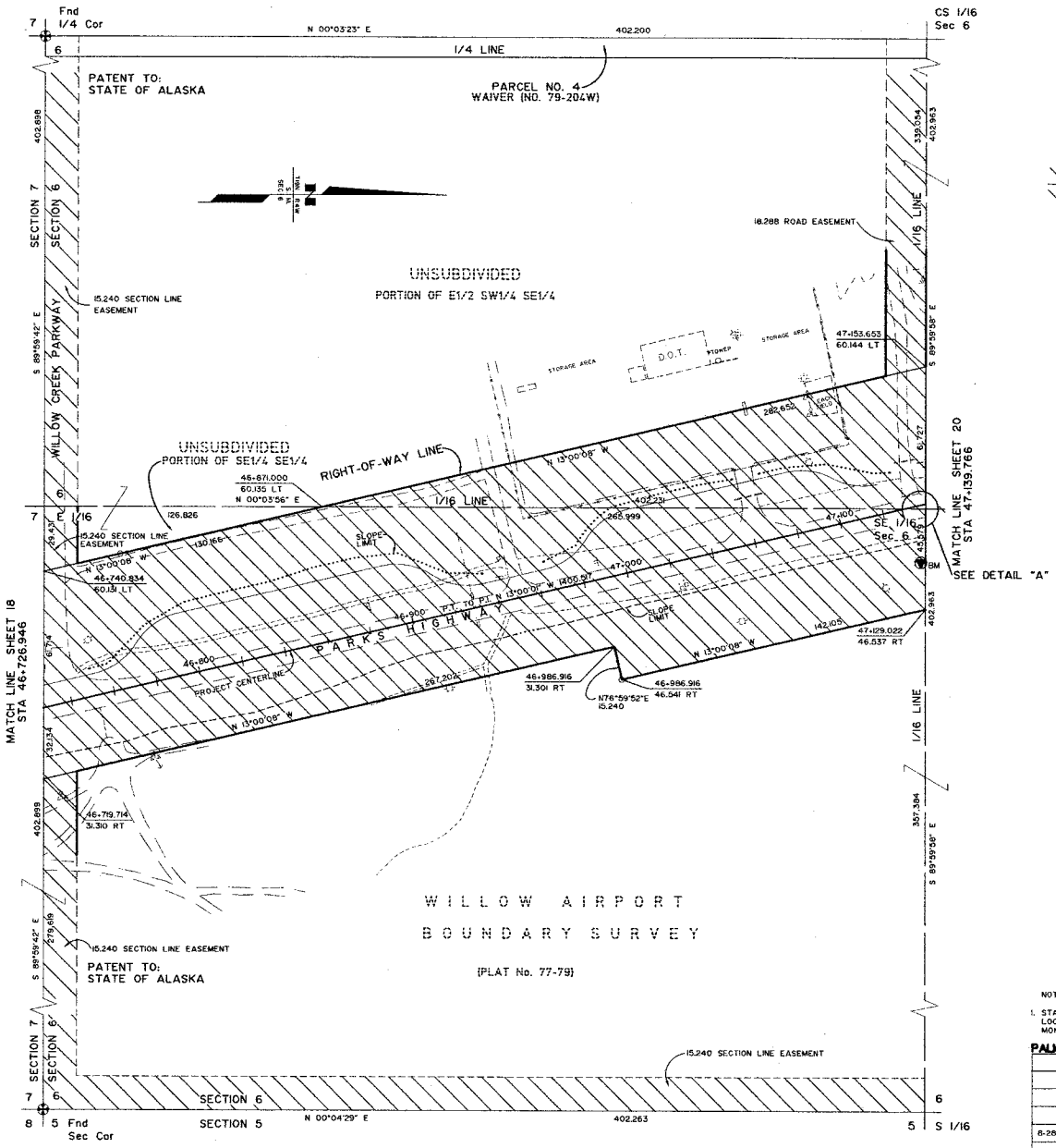
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

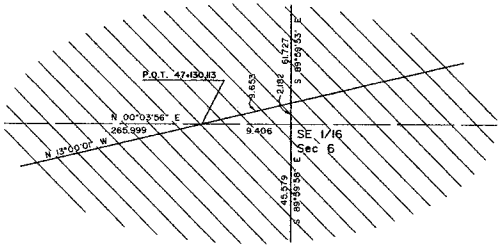
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59163

PARKS HIGHWAY MILE 67-72

DRAWN	JJM	DATE	SEPT 2001	SCALE	1:1000
CHECKED	RPB	DATE	SEPT 2001	SHEET	18 OF 28

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(15)	R19	R28





DETAIL "A"
N.T.S.

NOTE:

1. STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.

PALMER RECORDING DISTRICT 2006-151

DATE	REVISIONS	BY
8-28-02	REVISED SLOPE LIMITS, MINOR REVISIONS.	JJM

STATE OF ALASKA
49TH
Rickey P. Bennett
LS 6723
REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

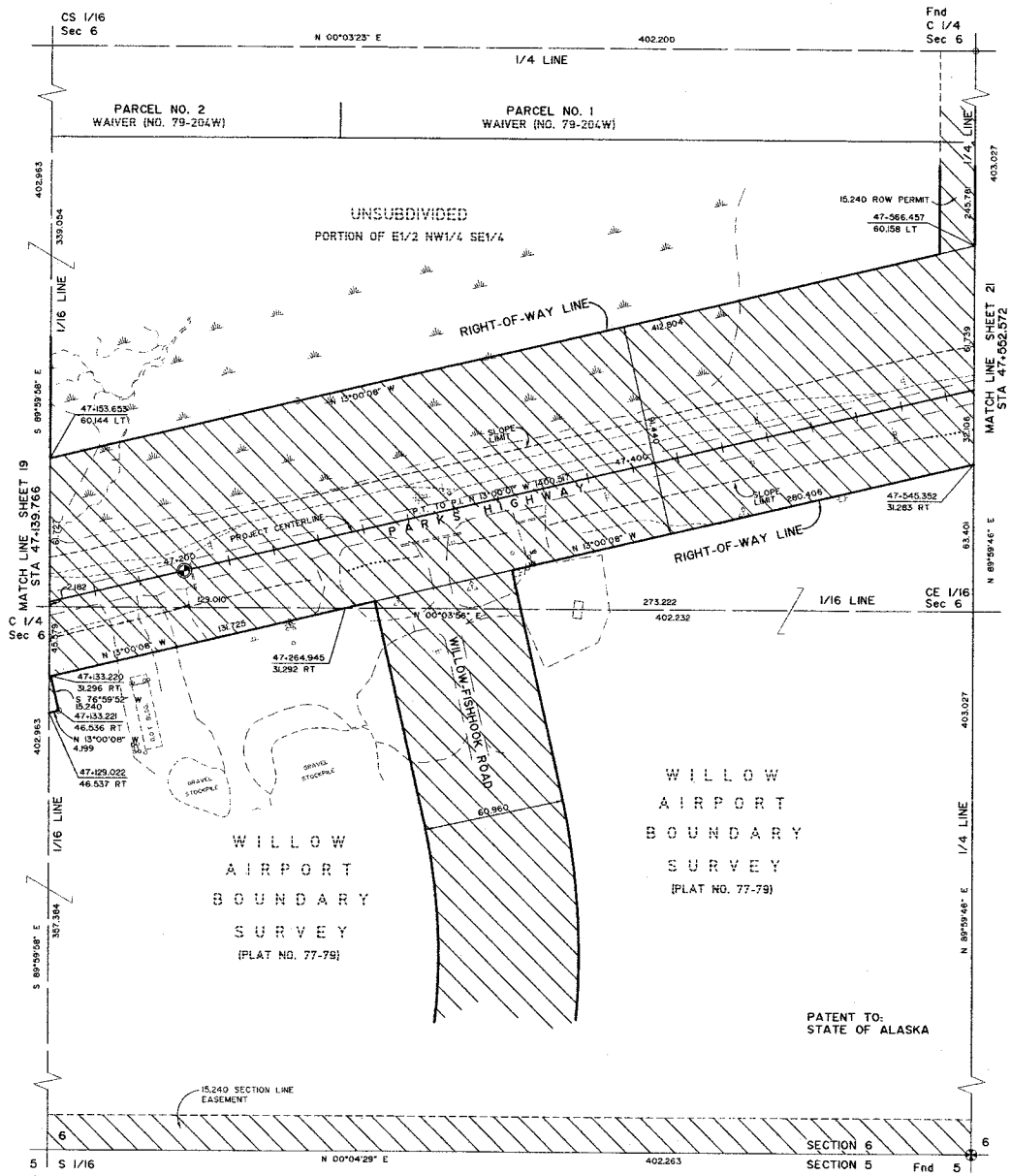
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES

RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59163

PARKS HIGHWAY MILE 67-72

DRAWN	JJM	DATE	SEPT 2001	SCALE	1:1000
CHECKED	RPB	DATE	SEPT 2001	SHEET	19 OF 28

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(15)	R20	R28



NOTE:

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PALMER RECORDING DISTRICT 2006-151

DATE	REVISIONS	BY
8-28-02	REVISED SLOPE LIMITS, MINOR REVISIONS.	JJM

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

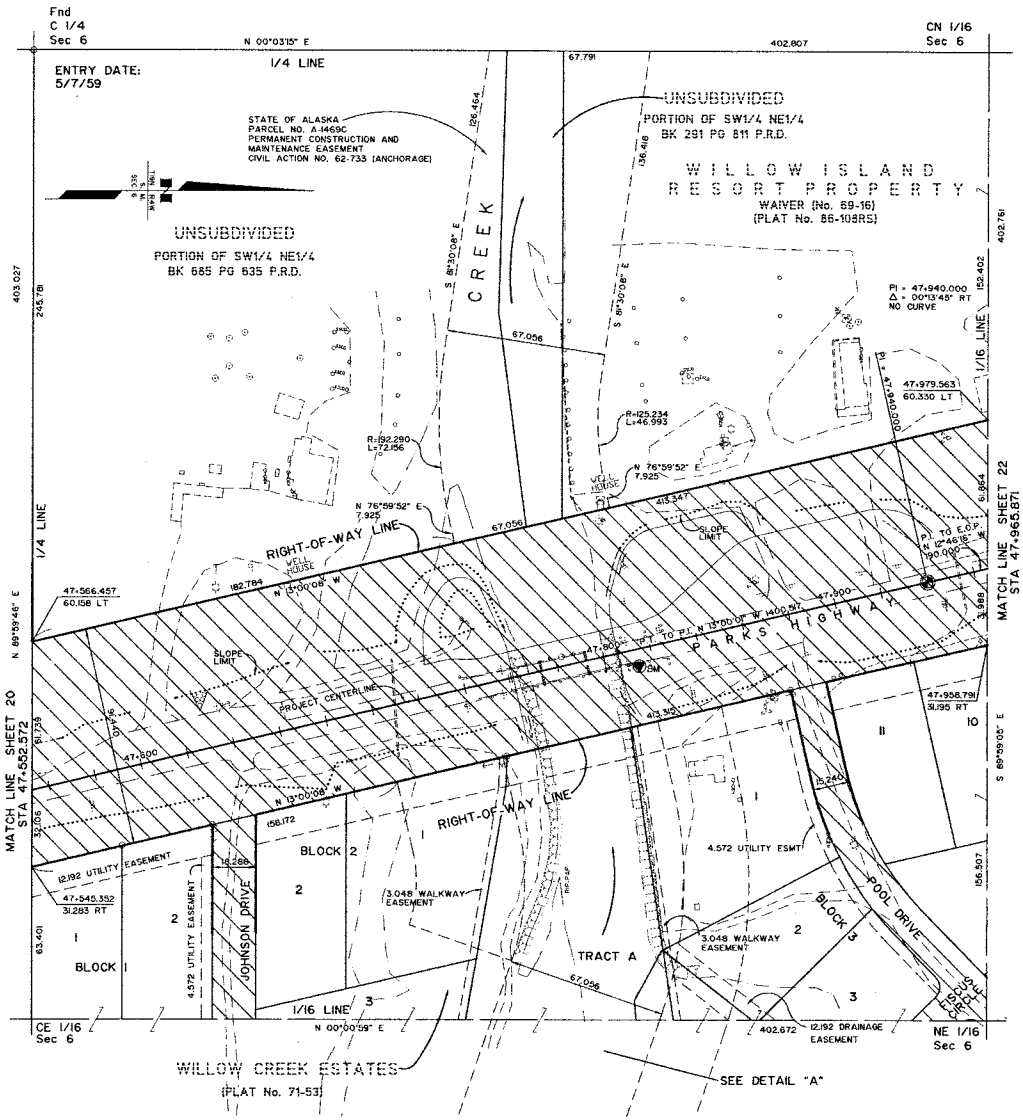
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

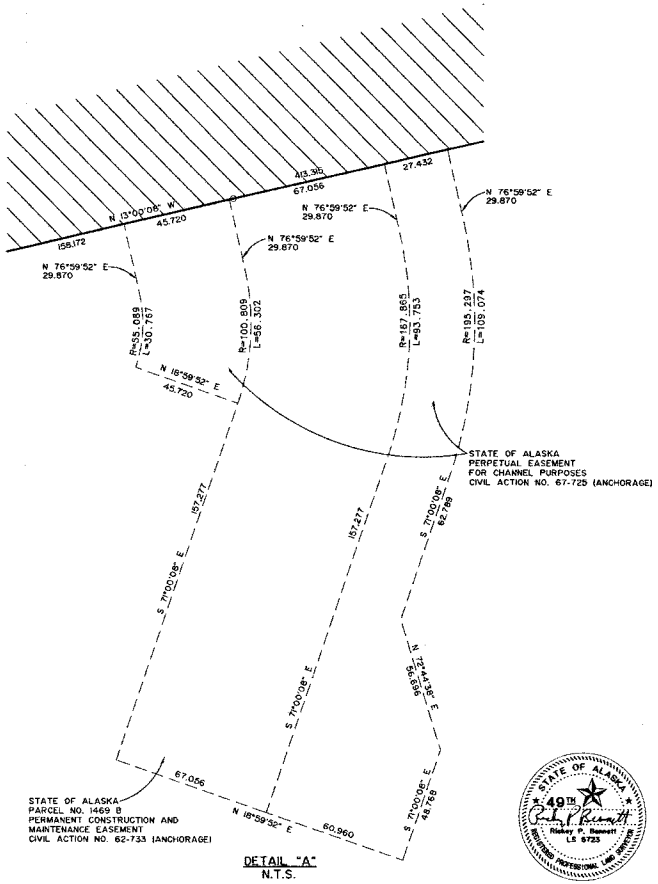
RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59963

PARKS HIGHWAY MILE 67-72

DRAWN JJM	DATE SEPT 2001	SCALE 1:1000	
CHECKED RPB	DATE SEPT 2001	SHEET 20 OF 29	

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(15)	R21	R28





DETAIL "A"
N.T.S.

STATE OF ALASKA
49TH
Richey P. Bennett
LS 6723
REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

NOTE:

1. STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.

PALMER RECORDING DISTRICT 2006-151

DATE	REVISIONS	BY
8-28-02	REVISED SLOPE LIMITS, MINOR REVISIONS.	JJM

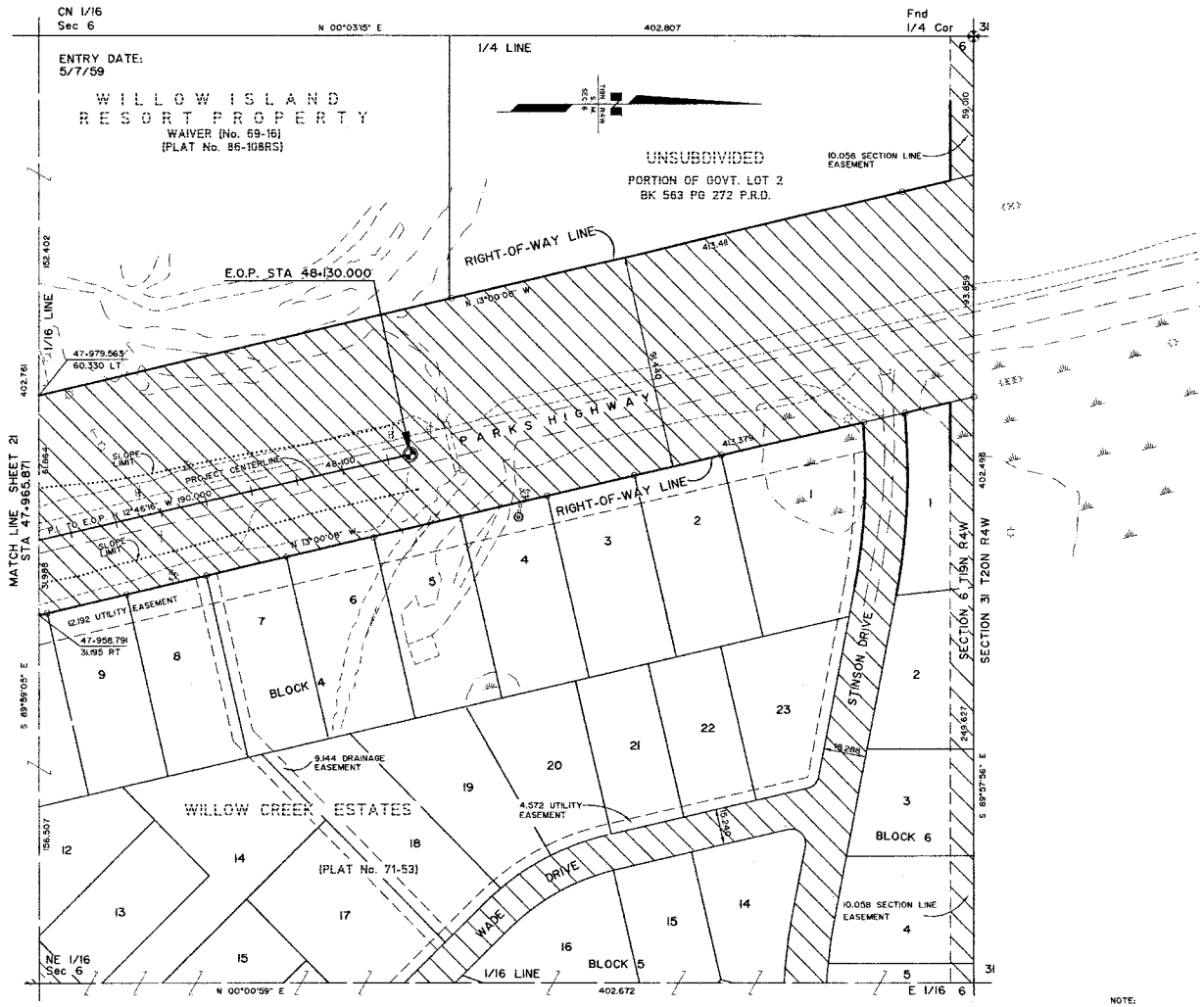
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59163

PARKS HIGHWAY MILE 67-72

DRAWN	JJM	DATE	SEPT 2001	SCALE	1:1000
CHECKED	RPB	DATE	SEPT 2001	SHEET	21 OF 28

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(15)	R22	R28



NOTE:

1. STATIONS AND OFFSETS ON THIS SHEET ARE TO COMPUTED LOCATIONS. SEE MONUMENT SUMMARY SHEET FOR EXISTING MONUMENT LOCATIONS.

PALMER RECORDING DISTRICT 2006-151

DATE	REVISIONS	BY
8-28-02	REVISED SLOPE LIMITS, MINOR REVISIONS.	JJM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59163

PARKS HIGHWAY MILE 67-72

DRAWN	JJM	DATE	SEPT 2001	SCALE	1:1000
CHECKED	RPB	DATE	SEPT 2001	SHEET	22 OF 28

STATE OF ALASKA
49TH
Rickey P. Bennett
LS 6723
REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

REVISIONS			PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
No.	Date	Description	IM-OA4-1(15)	R23	R28
(1)	06/07/06	ADDED NOTE			

MONUMENT SUMMARY SHEET

RECOVERED CORNERS - SHEET 5

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
SMC/CNS 1/64 SEC 28 T19N R4W	3 1/2" BLM BRASS CAP	35194.795	11776.469			
C 1/4 COR SEC28 T19N R4W	3 1/4" BLM BRASS CAP	35395.841	11776.230			
CSSN 1/256 SEC 28 T19N R4W	1"IP	35496.378	11776.170			
COR LOT 2/3 BLK2 NANLOW PARK SUBD.	1/2"REBAR	35554.405	11776.073			
COR LOT 5/6 BLK2 NANLOW PARK SUBD.	1/2"REBAR	35597.085	11776.020			
HIGHWAY ROW MON	6"X6" CONCRETE POST	35411.079	11616.503			
CN 1/16 COR SEC 28 T19N R4W	3 1/4" BLM BRASS CAP	35798.127	11775.805			
1/1024 COR SEC 28 T19N R4W	1"IP	35396.565	11474.502			
SPECIAL MEANDER COR SEC 28 T19N R4W	3 1/4" BLM BRASS CAP	35898.572	11775.658			
SEC COR S28/29/32/33 T19N R4W	2 1/2" GLO BRASS CAP	34592.218	10972.098			
NE COR LOT2 SANDSTROM SUBD.	1"IP	35538.475	11473.237			
CW1/16 COR SEC 28 T19N R4W	3 1/4" BLM BRASS CAP	35396.668	11373.724			
WC S1/16 SEC 28/29 T19N R4W	3 1/4" BLM BRASS CAP	34974.896	10971.646			
CENTERLINE MONUMENT	MON IN CASE	35569.138	11512.031			
SE COR LOT5A CHRISTOPHER SUBD.	ALCAP	35554.386	11373.248			
NE COR LOT1 SANDSTOM SUBD.	1"IP	35598.349	11406.041			
SPECIAL MEANDER COR SEC 28 T19N R4W	3 1/4" BLM BRASS CAP	36021.553	11775.597			
SPECIAL MEANDER COR SEC 28 T19N R4W	3 1/4" BLM BRASS CAP	36031.864	11775.600			
NW COR LOT1 SANDSTROM SUBD.	2 1/2" BRASS CAP	35598.389	11372.888			
NE COR CHRISTOPHER SUBD.	5/8"REBAR	35627.852	11373.052			
1/16 LINE SEC 28 T19N R4W	1"IP	35651.856	11372.773	40+606.741	21.138 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	35701.051	11382.379	40+632.313	21.971 RT	
1/16 LINE SEC 28 AT ROW T19N R4W	5/8"REBAR	35710.004	11372.843	40+645.390	22.307 RT	

RECOVERED CORNERS - SHEET 6

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
HIGHWAY ROW MON	6"X6" CONCRETE POST	35655.572	11341.814	40+632.321	38.970 LT	
MEANDER COR SEC 21/28 T19N R4W	2 1/2" GLO BRASS CAP	36200.969	11752.810	40+688.561	641.627 RT	
NE COR LOT 1A CHRISTOPHER SUBD.	5/8"REBAR	35708.868	11282.023	40+712.418	38.986 LT	
1/4 COR SEC 28/29 T19N R4W	2 1/2" GLO BRASS CAP	35397.741	10971.314	40+737.246	477.989 LT	
NORTH COR LOTS 1 & 2 CHRISTOPHER SUBD.	5/8"REBAR	35766.646	11217.507	40+799.024	38.802 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	35783.346	11100.190	40+897.698	104.418 LT	
CENTERLINE MONUMENT	AL CAP	35849.500	11182.894	40+880.000	0.000 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	35834.248	11141.618	40+900.656	38.855 LT	
SPECIAL MEANDER COR SEC 29 T19N R4W	3 1/4" BLM BRASS CAP	35397.007	10692.432	40+944.902	664.146 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	35821.368	11052.462	40+958.626	107.806 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	35874.749	11095.953	40+961.694	39.020 LT	
SPECIAL MEANDER COR SEC 29 T19N R4W	3 1/4" BLM BRASS CAP	35396.406	10459.012	41+118.717	819.948 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	36046.647	10994.875	41+151.540	22.005 RT	9
SEC COR SEC 20/21/28/29 T19N R4W	2 1/2" GLO BRASS CAP	36202.675	10968.636	41+287.249	112.311 RT	

RECOVERED CORNERS - SHEET 7

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
HIGHWAY ROW MON	6"X6" CONCRETE POST	36001.136	10954.270	41+151.555	38.987 LT	
SEC 28/29 ROW T19N R4W	5/8"REBAR	36070.623	10968.751	41+187.877	21.830 RT	9
C 1/4 COR SEC 29 T19N R4W	3 1/4" BLM BRASS CAP	35395.753	10163.425	41+238.615	1026.286 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	36110.054	10930.814	41+244.012	22.071 RT	
SPECIAL MEANDER COR SEC 29 T19N R4W	2 1/2" GLO BRASS CAP	35529.257	10162.615	41+329.924	937.137 LT	
SEC 20/29 ROW T19N R4W	5/8"REBAR	36202.267	10847.191	41+368.534	22.080 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	36338.395	10641.259	41+607.715	39.007 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	36379.377	10686.439	41+607.719	21.991 RT	

WORK ITEM	PAY ITEM	PAY ITEM NO.
1	CONSTRUCTION SURVEYING	642(1)
2	OFFICE ENGINEERING	642(2)
3	THREE PERSON SURVEY PARTY	642(3)
4	SET PRIMARY MONUMENT	642(4)
5	SET SECONDARY MONUMENT	642(5)
6	REPLACE EXISTING WITH PRIMARY MONUMENT	642(6)
7	REPLACE EXISTING WITH SECONDARY MONUMENT	642(7)
8	ADJUST EXISTING MONUMENT	642(8)
9	REFERENCE EXISTING MONUMENT	642(9)
10	MONUMENT CASE	642(10)
11	ADJUST EXISTING MONUMENT CASE	642(11)
12	FINAL TRAVERSE	642(12)

HORIZONTAL CONTROL:

1. THE PROJECT HORIZONTAL CONTROL (ADJUSTMENT WAS BASED ON 1989 ITECH GEOREFERENCING STATIONS) WAS ESTABLISHED BY ADOT&PF DEPARTMENT IN MAY AND JUNE OF 1991 AND SUPPLEMENTED WITH FIELD SURVEYS PERFORMED BY R&M CONSULTANTS, INC. FROM SEPTEMBER 1992 TO MAY 2000.
2. THE BEARINGS ARE GRID BEARINGS AND ARE REFERENCED AT THE BASIS OF BEARING TO THE ALASKA COORDINATE SYSTEM OF 1983, ZONE 4.
3. THE DISTANCES SHOWN ARE IN METERS REDUCED TO HORIZONTAL DISTANCES AT GROUND LEVEL.

HIGHWAY RIGHT-OF-WAY:

1. THE HIGHWAY RIGHT-OF-WAY WITHIN SECTIONS 17, 20, 28, AND 29, TOWNSHIP 19 NORTH, RANGE 4 WEST, SEWARD MERIDIAN IS BASED ON THE ACT OF JULY 24, 1947, BUREAU OF PUBLIC ROADS 44 LD 513 RESERVATIONS; SUBDIVISION DEDICATION; WARRANTY DEED; AND PERMIT.
2. THE HIGHWAY RIGHT-OF-WAY WITHIN SECTIONS 6, 7, AND 8, TOWNSHIP 19 NORTH, RANGE 4 WEST, SEWARD MERIDIAN IS BASED ON BUREAU OF LAND MANAGEMENT RIGHT-OF-WAY GRANT; SUBDIVISION DEDICATION; AND PERMIT.

NOTES:

1. WHETHER LISTED OR NOT, ALL MONUMENTS OR PROPERTY MARKERS/ CORNERS OR ACCESSORIES WHICH WILL BE DISTURBED OR BURIED SHALL BE REFERENCED AND RE-ESTABLISHED IN THEIR ORIGINAL POSITION (A.S. 19.10.260) AND RECORDED (A.S.34.65.040).
2. MONUMENTS NOTED AS TO BE REMOVED UNDER WORK ITEM No. 7, SHALL BE RECORDED (A.S.34.65.040) AS REMOVED AND REFERENCED TO NEW CENTERLINE MONUMENTATION.
3. BEARINGS AND DISTANCE TIES TO ALIQUOT PART POSITIONS NOT RECOVERED FOR THIS SURVEY ARE COMPUTED, THE ACTUAL CORNERS MAY EXIST.
4. (1) SEE MONUMENT OF RECORD FORMS FOR CONTRACTOR SURVEYOR'S FINAL MONUMENTATION INFORMATION. SEE MONUMENT OF RECORD CERTIFICATION ON THE COVER PAGE, SHEET 1.

STATE OF ALASKA 49TH Rickey P. Bennett LS 6725 REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT LOCATIONS SURVEYORS CERTIFICATE

STATE OF ALASKA 49TH Rickey P. Bennett LS 6725 REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

PALMER RECORDING DISTRICT 2006-151

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59163

PARKS HIGHWAY MILE 67-72

DATE	REVISIONS	BY
8-28-02	REVISED STATIONS AND OFFSETS SHEET 5	JJM

DRAWN	NJP	DATE	SEPT 2001	SCALE	N/A
CHECKED	RPB	DATE	SEPT 2001	SHEET	23 OF 28

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(15)	R24	R28

MONUMENT SUMMARY SHEET

RECOVERED CORNERS - SHEET 8

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
1/4 COR SEC 20/29 T19N R4W	2 1/2" GLO BRASS CAP	36201.333	10161.955	41+828.190	486.119 LT	
1/4 COR SEC 20/21 T19N R4W	2 1/2" GLO BRASS CAP	37006.394	10965.696	41+884.557	650.079 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	36681.215	10330.333	42+070.532	39.009 LT	
SEC COR S19/20/29/30 T19N R4W	2 1/2" GLO BRASS CAP	36200.045	9357.635	42+163.441	1110.358 LT	
SE COR LOT2 BLK2 WILLOW INN SUBD.	5/8"REBAR	36795.012	10251.089	42+199.536	39.040 LT	
LOT1/2 BLK2 ROW WILLOW INN SUBD.	SPIKE	36857.446	10223.519	42+262.885	39.048 LT	
NW COR LOT1 BLK1 WILLOW INN SUBD.	SPIKE	36914.786	10205.980	42+318.532	39.055 LT	
SE COR LOT1/BLK1 WILLOW INN SUBD.	5/8"REBAR	36929.745	10202.577	42+332.763	39.006 LT	
NE COR LOT1/BLK1 WILLOW INN SUBD	5/8"REBAR	37005.533	10191.716	42+403.840	39.068 LT	
C 1/4 COR SEC 20 T19N R4W	1"IP	37005.476	10159.975	42+405.748	70.738 LT	
WC 1/4 COR SEC 19/20 T19N R4W	2 1/2" GLO BRASS CAP	37066.788	9355.476	42+447.550	874.168 LT	

RECOVERED CORNERS - SHEET 9

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
HIGHWAY ROW MON	6"X6" CONCRETE POST	37065.355	10251.800	42+461.949	21.854 RT	9
HIGHWAY ROW MON	6"X6" CONCRETE POST	37156.648	10202.304	42+544.835	39.152 LT	
NGS BENCHMARK "B-104, 1965"	BRASS CAP	37187.498	10267.600	42+588.655	18.251 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	37339.460	10303.709	42+744.808	21.790 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	37352.208	10244.158	42+744.824	39.111 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	37403.783	10315.104	42+808.608	21.727 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	37402.856	10324.869	42+809.036	31.526 RT	
NW COR OOSIK PARK SUBD.	1/2" REBAR/RPC	37407.478	10360.035	42+817.838	65.756 RT	

RECOVERED CORNERS - SHEET 10

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
HIGHWAY ROW MON	6"X6" CONCRETE POST	37562.506	10261.969	42+966.303	39.487 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	37565.977	10343.267	42+966.484	41.884 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	37606.860	10341.463	43+007.401	41.744 RT	
SEC COR S16/17/20/21 T19N R4W	2 1/2" GLO BRASS CAP	37810.444	10962.546	43+185.565	670.590 RT	
SE COR TRACT A WAYNE D. CALDWELL SUBD.	1 1/2"IP	37808.971	10251.322	43+213.009	40.106 LT	
1/4 COR SEC 17/20 T19N R4W	2 1/2" GLO BRASS CAP	37808.772	10157.708	43+216.617	133.650 LT	

RECOVERED CORNERS - SHEET 11

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
SEC COR S17/20/19/18 T19N R4W	2 1/2" GLO BRASS CAP	37806.918	9353.306	43+247.469	937.462 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	37877.562	10248.457	43+281.660	40.179 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	37880.130	10309.273	43+281.754	20.690 RT	
NE COR TR.C W.D. CALDWELL HMSTD.	HUB	38139.935	10237.159	43+544.276	40.801 LT	
NE COR TRACT C WAYNE D. CALDWELL SUBD.	HUB/TACK	38141.378	10136.171	43+549.823	141.647 LT	
NW COR TRACT B-2 RADAR HILL SUBD.	5/8" REBAR	38210.539	10157.202	43+618.072	117.821 LT	

METRIC CONVERSION FACTORS

BASED ON METER - U.S. SURVEY FOOT RELATIONSHIP
1 METER = 39.37 INCHES EXACTLY. (METRIC LAW 1866)

FROM	TO	MULTIPLY BY
FOOT (U.S. SURVEY)	METER (m)	0.304800610
ACRE	HECTARE (ha)	0.404687261
SQUARE FOOT	METER² (m²)	0.092903412
METER (m)	FOOT (U.S. SURVEY)	3.280833333
HECTARE (ha)	ACRE	2.471043930
METER² (m²)	SQUARE FEET	10.763867360

NOTE: 1 HECTARE = 10 000 m²; 1 ACRE = 43,560 SQUARE FEET

CONSULTANT LOCATIONS SURVEYORS CERTIFICATE

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

PALMER RECORDING DISTRICT 2006-151

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59163

PARKS HIGHWAY MILE 67-72

DATE	REVISIONS	BY
8-28-02	REVISED STATIONS & OFFSETS SHEETS 9,10,11	JJM

DRAWN	MJP	DATE	SEPT 2001	SCALE	N/A
CHECKED	RPB	DATE	SEPT 2001	SHEET	24 OF 28

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(15)	R25	R28

MONUMENT SUMMARY SHEET

RECOVERED CORNERS - SHEET 12

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
NW COR TR.B-1 RADAR HILL SUBD.	SPIKE	38254.754	10157.279	43+662.247	115.946 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	38278.263	10231.319	43+682.727	41.012 LT	9
HIGHWAY ROW MON	6"X6" CONCRETE POST	38280.924	10292.159	43+682.912	19.886 RT	9
SE COR TR.A RADAR HILL SUBD. ROW	1/2"REBAR	38278.737	10231.296	43+683.201	41.016 LT	
1/4 COR S16/17 T19N R4W	2 1/2" GLO BRASS CAP	38614.389	10961.698	43+845.172	734.649 RT	
SW COR LOT2 KRUSE SUBD.	1/2"REBAR	38491.566	10257.611	43+890.889	24.112 RT	
COR LOT1/2 KRUSE SUBD ROW	5/8"REBAR	38522.978	10246.127	43+924.291	22.401 RT	9
NW COR LOT 1 KRUSE SUBD.	1/2"REBAR	38593.962	10223.095	43+998.910	21.323 RT	9
LONG LAKE RD. / ROW	5/8"REBAR	38582.761	10165.805	44+005.100	36.723 LT	
NW COR KRUSE SUBD / ROW	1/2"REBAR	38613.209	10220.220	44+018.150	24.250 RT	
C 1/4 COR SEC 17 T19N R4W	3 1/4" ADL BRASS CAP	38613.196	10157.047	44+036.764	36.117 LT	9

RECOVERED CORNERS - SHEET 13

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
PC LOT 11 BLK6 WILLOW TOWNSITE	1 1/2"COPPERWELD	38668.667	10139.431	44+094.963	36.594 LT	
PT LOT 11 BLK6 WILLOW TOWNSITE	1 1/2"COPPERWELD	38674.086	10132.192	44+102.275	41.914 LT	9
PI LOT3 BLK3 BELUGA AVE. WILLOW TOWNSITE	3 1/4" BCMON	38692.358	10132.155	44+119.746	36.561 LT	9
HIGHWAY ROW MON	6"X6" CONCRETE POST	38782.118	10168.034	44+194.936	24.189 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	38764.166	10109.765	44+194.963	36.783 LT	
PC LOT 1 BLK 3 WILLOW TOWNSITE	1 1/2"COPPERWELD	38796.039	10100.120	44+228.263	36.601 LT	
SW COR TR.B WILLOW TOWNSITE	1 1/2"COPPERWELD	38819.032	10156.854	44+233.506	24.390 RT	
PT LOT 1 BLK 3 WILLOW TOWNSITE	1 1/2"COPPERWELD	38801.432	10092.804	44+235.574	42.001 LT	
PI LOT4 BLK2 MCKINLEY CIR. WILLOW TOWNSITE	3 1/4" BCMON	38819.701	10092.833	44+253.022	36.587 LT	
PT LOT4 BLK2 WILLOW TOWNSITE	1 1/2"COPPERWELD	38819.691	10082.474	44+256.066	46.489 LT	
PC LOT4 BLK2 WILLOW TOWNSITE	1 1/2"COPPERWELD	38829.561	10089.759	44+263.350	36.617 LT	
1/4 COR S17/18 T19N R4W	2 1/2" GLO BRASS CAP	38612.026	9351.003	44+273.314	806.671 LT	
COR LOT3/4 BLK2 WILLOW TOWNSITE	HUB/TACK	38848.707	10083.876	44+283.380	36.593 LT	
COR LOT2/3 BLK2 WILLOW TOWNSITE	HUB/TACK	38877.630	10074.926	44+313.656	36.618 LT	
COR LOT1/2 BLK2 WILLOW TOWNSITE	ROTTED HUB	38906.544	10066.007	44+343.914	36.615 LT	
RR MON	2 1/2" ARR BRASS CAP	39014.883	10378.466	44+355.305	293.897 RT	
PC LOT1 BLK2 WILLOW TOWNSITE	1 1/2" COPPERWELD	38930.064	10058.728	44+368.534	36.634 LT	
PT LOT1 BLK2 WILLOW TOWNSITE	1 1/2" COPPERWELD	38935.428	10051.429	44+375.812	42.027 LT	
TRACT A / B WILLOW TOWNSITE	1 1/2" COPPERWELD	38956.506	10114.378	44+377.392	24.338 RT	
MEANDER COR SEC 17/18 T19N R4W	2 1/2" GLO BRASS CAP	38729.582	9350.837	44+385.692	772.168 LT	
PI LOT8 BLK1 ALEXANDER AVE. WILLOW TOWNSITE	3 1/4" BCMON	38953.754	10051.423	44+393.325	36.629 LT	
PC LOT8 BLK1 WILLOW TOWNSITE	1 1/2" COPPERWELD	38953.716	10041.084	44+396.338	46.520 LT	
PT LOT8 BLK1 WILLOW TOWNSITE	1 1/2" COPPERWELD	38963.605	10048.360	44+403.641	36.652 LT	
N 1/16 SEC 17 T19N R4W	3 1/4" BCMON	39014.764	10156.734	44+420.571	81.989 RT	
NW COR TR. A WILLOW TOWNSITE	1 1/2" COPPERWELD	39014.713	10096.391	44+438.315	24.314 RT	
NE COR LOT8 BLK 1 WILLOW TOWNSITE	1 1/2" COPPERWELD	39014.661	10032.574	44+457.082	36.682 LT	9

STATE OF ALASKA 49TH Rickey P. Bennett LS 8733 REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT LOCATIONS SURVEYORS CERTIFICATE

STATE OF ALASKA 49TH Rickey P. Bennett LS 8733 REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

PALMER RECORDING DISTRICT 2006-151

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59163

PARKS HIGHWAY MILE 67-72

DATE	REVISIONS	BY
8-28-02	REVISED STATIONS & OFFSETS SHEET 12.	JJM

DRAWN NJP	DATE SEPT 2001	SCALE N/A	
CHECKED RPB	DATE SEPT 2001	SHEET 25 OF 28	

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(15)	R26	R28

MONUMENT SUMMARY SHEET

RECOVERED CORNERS - SHEET 14

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
SEC COR S8/9/16/17 T19N R4W	3 1/4" BLM ALMON	39415.936	10961.596	44+566.588	969.356 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	39242.904	9962.141	44+696.010	36.683 LT	
RR MON	3 1/2" ARR ALMON	39416.205	10300.178	44+743.059	339.295 RT	
NORTH LINE WILLOW ACCESS ROAD	5/8"REBAR/PLCAP	39428.304	10194.829	44+780.505	245.740 RT	
1/4 COR SEC 8/17 T19N R4W	2 1/2" GLO BRASS CAP	39416.377	10156.463	44+783.632	205.755 RT	
NORTH LINE WILLOW ACCESS ROAD	5/8"REBAR/PLCAP	39363.424	9981.570	44+802.659	24.284 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	39383.395	9880.760	44+866.479	57.271 LT	
1/4 COR SEC 8/9 T19N R4W	2 1/2" GLO BRASS CAP	40220.605	10960.719	44+956.048	1302.358 RT	
W 1/16 SEC 8/17	2" AL CAP	39416.483	9754.059	44+974.257	147.454 LT	
RR MON	2 1/2" ARR BRASS CAP	39685.397	10080.964	44+996.558	275.202 RT	
PARKS HIGHWAY ROW	3/4"BOLT	39496.062	9807.656	45+010.323	56.931 LT	
W 1/16 SEC 8 ROW T19N R4W	ASLS 85/88 MON	39562.531	9754.559	45+095.837	57.462 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	39631.390	9836.351	45+099.225	49.402 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	39667.166	9808.029	45+144.854	49.331 RT	

RECOVERED CORNERS - SHEET 15

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
MEANDER COR SEC 8/17 T19N R4W	2 1/2" GLO BRASS CAP	39416.610	9445.111	45+172.978	390.779 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	39700.116	9646.240	45+270.944	57.266 LT	
LOT 2A/2B WACO SITE	2 1/2"ALMON	39701.837	9644.790	45+273.194	57.338 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	39807.354	9572.716	45+393.237	57.264 LT	
NE COR LOT 2B WACO SITE	2 1/2"BCMON	39818.458	9566.212	45+406.008	57.267 LT	

RECOVERED CORNERS - SHEET 16

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
HIGHWAY ROW MON	6"X6" CONCRETE POST	39853.569	9651.595	45+393.116	34.157 RT	
ADOT/PF "GPS30"		39861.792	9649.452	45+401.358	36.462 RT	
MEANDER COR SEC 7/18	2 1/2" GLO BRASS CAP	39416.758	8836.494	45+427.940	889.955 LT	
NGS BENCHMARK "D-104, 1965"	BRASS CAP	39891.552	9613.241	45+445.335	20.244 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	40112.914	9499.701	45+693.732	34.074 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	40066.740	9420.800	45+693.738	57.344 LT	
MEANDER COR SEC 7/8 T19N R4W	2 1/2" GLO BRASS CAP	40156.607	9348.790	45+807.672	74.095 LT	
TRACT D WILLOW LAKE TERRACE	5/8"REBAR	40189.704	9348.790	45+836.236	57.377 LT	
1/4 COR SEC 7/8 T19N R4W	2 1/2" GLO BRASS CAP	40220.329	9348.768	45+862.677	41.926 LT	
ADOT/PF "GPS16"		40394.743	9393.307	45+990.705	84.617 RT	

RECOVERED CORNERS - SHEET 17

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
TR.D WILLOW LAKE TERRACE ROW	1/2"REBAR	40220.336	9330.752	45+871.784	57.471 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	40316.600	9274.476	45+983.290	57.412 LT	
1/4 COR S5/8 T19N R4W	2 1/2" GLO BRASS CAP	41025.026	10156.032	46+149.374	1061.259 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	40575.442	9122.870	46+282.732	57.540 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	40621.651	9201.763	46+283.639	33.885 RT	
1/4 COR S12/7 T19N R4W	2 1/2" GLO BRASS CAP	40220.466	7823.474	46+413.987	1386.850 LT	

STATE OF ALASKA 49TH Richard P. Bennett LS 6723 REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT LOCATIONS SURVEYORS CERTIFICATE

STATE OF ALASKA 49TH Richard P. Bennett LS 6723 REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

PALMER RECORDING DISTRICT 2006-151

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59163

PARKS HIGHWAY MILE 67-72

DATE	REVISIONS	BY

DRAWN	MJP	DATE	SEPT 2001	SCALE	N/A
CHECKED	RPB	DATE	SEPT 2001	SHEET	26 OF 28

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(15)	R27	R28

MONUMENT SUMMARY SHEET

RECOVERED CORNERS - SHEET 18

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
HIGHWAY ROW MON	6"X6" CONCRETE POST	40837.130	9018.882	46+548.133	60.135 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	40857.779	9107.980	46+548.209	31.325 RT	
SEC COR S5/6/7/8 T19N R4W	2 1/2" GLO BRASS CAP	41024.861	9349.003	46+656.788	303.756 RT	

RECOVERED CORNERS - SHEET 19

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
HIGHWAY ROW MON	6"X6" CONCRETE POST	41059.707	8967.512	46+776.560	60.118 LT	
1/4 COR SEC 5/6 T19N R4W	2 1/2" GLO BRASS CAP	41024.931	8543.206	46+838.127	481.372 LT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	41288.563	9024.150	46+986.809	46.552 RT	
NGS BENCHMARK E-104	BRASS CAP	41425.084	8970.949	47+131.799	29.426 RT	

RECOVERED CORNERS - SHEET 20

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
HIGHWAY ROW MON	6"X6" CONCRETE POST	41431.305	8991.100	47+133.328	46.459 RT	
HIGHWAY ROW MON	6"X6" CONCRETE POST	41534.828	8857.701	47+264.207	60.232 LT	
1/4 COR SEC 5/6 T19N R4W	2 1/2" GLO BRASS CAP	41829.386	9350.053	47+440.456	485.763 RT	
C 1/4 COR SEC 6 T19N R4W	5/8"REBAR	41829.331	8543.999	47+621.731	299.642 LT	

RECOVERED CORNERS - SHEET 21

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
COR LOT 1/2 BLK1 WILLOW CREEK ESTATES	1/2"REBAR	41867.549	8874.632	47+584.590	31.113 RT	
NW COR LOT2 BLK1 WILLOW CREEK ESTATES	1/2"REBAR	41905.611	8865.958	47+623.628	31.224 RT	
NW COR LOT1 BLK2 WILLOW CREEK ESTATES	1/2"REBAR	42029.673	8837.357	47+750.944	31.265 RT	
WILLOW ISLAND RESORT	PUNCHMARK	42052.593	8795.983	47+782.584	3.893 LT	
1/4 COR SEC 1/6 T19N R4W	2 1/2" GLO BRASS CAP	41829.587	7826.155	47+783.464	999.030 LT	
NGS BENCHMARK "F-104, 1965"	BRASS CAP	42077.937	8799.556	47+806.475	5.289 RT	
NW COR LOT1 BLK3 WILLOW CREEK ESTATES	1/2"REBAR	42149.265	8809.739	47+873.684	31.257 RT	

RECOVERED CORNERS - SHEET 22

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	OFFSET	WORK ITEM
COR LOT 9/10 BLK 4 WILLOW CREEK ESTATES	1/2"REBAR	42235.580	8789.756	47+962.406	31.114 RT	
COR LOT 8/9 WILLOW CREEK ESTATES	1/2"REBAR	42270.004	8781.840	47+997.729	31.004 RT	
COR LOT 7/8 WILLOW CREEK ESTATES	1/2"REBAR	42304.447	8773.962	48+033.061	30.935 RT	
COR LOT 6/7 WILLOW CREEK ESTATES	1/2"REBAR	42338.892	8765.892	48+068.438	30.679 RT	
COR LOT 5/6 WILLOW CREEK ESTATES	1/2"REBAR	42376.265	8757.758	48+106.684	31.008 RT	
NE COR WAIVER (NO.69-16) ROW	ALCAP	42409.039	8655.964			
COR LOT 3/4 WILLOW ISLAND RESORT	1/2"REBAR	42451.095	8739.979			
COT LOT 2/3 ROW	1/2"REBAR	42488.540	8731.334			
SEC COR 5/6 T19N R4W	5/8"ALROD	42634.460	9349.752			
COR LOT 1/2 WILLOW CREEK ESTATES	1/2"REBAR	42525.946	8722.723			
NW COR LOT1 BLK4 WILLOW CREEK ESTATES	1/2"REBAR	42587.491	8708.586			
SW COR LOT1 BLK6 WILLOW CREEK ESTATES	1/2"REBAR/PLCAP	42605.516	8704.410			
HIGHWAY ROW MON	6"X6" CONCRETE POST	42604.078	8610.859			
NW COR LOT1 BLK6 WILLOW CREEK ESTATES	1/2"REBAR	42635.035	8697.599			
1/4 COR SEC 6/31 T19/20N R4W	2 1/2" GLO BRASS CAP	42634.945	8544.759			

STATE OF ALASKA 49TH Richey P. Bennett LS 6723 REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT LOCATIONS SURVEYORS CERTIFICATE

STATE OF ALASKA 49TH Richey P. Bennett LS 6723 REGISTERED PROFESSIONAL LAND SURVEYOR

CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

PALMER RECORDING DISTRICT 2006-151

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59163

PARKS HIGHWAY MILE 67-72

DATE	REVISIONS	BY
8-28-02	REVISED STATIONS & OFFSETS SHEET 22.	JJM

DRAWN	KJP	DATE	SEPT 2001	SCALE	N/A
CHECKED	RPB	DATE	SEPT 2001	SHEET	27 OF 28

PROJECT DESIGNATION	SHEET NO.	TOTAL SHEETS
IM-OA4-1(15)	R28	R28

MONUMENT SUMMARY SHEET

INSTALL PROJECT CENTERLINE MONUMENTS

LOCATION	MONUMENT TYPE	NORTHING	EASTING	STATION	WORK ITEM
BOP		35660.484	11394.859	40+596.000	
POT	MON IN CASE	35729.701	11317.238	40+700.000	6,9,10,12
PC	MON IN CASE	36031.105	10979.241	41+152.865	4,10,12
PT	MON IN CASE	36096.332	10913.462	41+245.543	4,10,12
POT	MON IN CASE	36432.959	10608.154	41+700.000	4,10,12
PC	MON IN CASE	36707.579	10359.084	42+070.745	4,10,12
PT	MON IN CASE	37148.023	10240.497	42+544.387	4,10,12
PC	MON IN CASE	37345.870	10282.798	42+746.704	4,10,12
PT	MON IN CASE	37564.389	10301.413	42+966.593	4,10,12
PC	MON IN CASE	38283.738	10272.142	43+686.538	4,10,12
PT	MON IN CASE	38461.679	10241.600	43+867.5858K= 43+867.052AH	4,10,12
POT	MON IN CASE	38875.378	10113.942	44+300.000	4,10,12
PC	MON IN CASE	39252.303	9997.632	44+694.462	4,10,12
PT	MON IN CASE	39536.337	9848.428	45+017.125	4,10,12
PC	MON IN CASE	39737.621	9689.593	45+273.530	4,10,12
PT	MON IN CASE	39837.653	9621.332	45+394.731	4,10,12
POT	MON IN CASE	40187.415	9416.612	45+800.000	4,10,12
PC	MON IN CASE	40597.066	9176.839	46+274.664	4,10,12
PT	MON IN CASE	40842.230	9079.421	46+539.483	4,10,12
POT	MON IN CASE	41485.817	8930.833	47+200.000	4,10,12
PI	MON IN CASE	42206.850	8764.364	47+940.000	4,10,12
EOP	MON	42392.149	8722.363	48+130.000	5,12

STATE OF ALASKA 49TH Rickey P. Bennett LS 6725 REGISTERED PROFESSIONAL LAND SURVEYOR
CONSULTANT LOCATIONS SURVEYORS CERTIFICATE

STATE OF ALASKA 49TH Rickey P. Bennett LS 6725 REGISTERED PROFESSIONAL LAND SURVEYOR
CONSULTANT RIGHT-OF-WAY SURVEYORS CERTIFICATE

2006-151
PALMER REG DIST
Date 9-22 2006 nc.
Time 12:36 P.M.
Requested By SOA/DOT
Address

DATE	REVISIONS	BY
8-28-02	REVISED B.O.P. AND CENTERLINE MONUMENTS	JJM

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
&
PUBLIC FACILITIES

RIGHT OF WAY MAP
ALASKA PROJECT NO.
I-OA4-1(6)
59163

PARKS HIGHWAY MILE 67-72

DRAWN	HJP	DATE	SEPT 2001	SCALE	N/A
CHECKED	RPB	DATE	SEPT 2001	SHEET	28 OF 28