

**SANTA FE COUNTY
PUBLIC WORKS**

INVITATION FOR BID



IFB 2018-0143-PW/KE

**CONSTRUCTION SERVICES
ALL WEATHER CROSSING FOR
PINON HILLS**

NOVEMBER 2017

SANTA FE COUNTY

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**ADVERTISEMENT
INVITATION FOR BIDS
CONSTRUCTION SERVICES FOR
PINON HILLS ALL WEATHER CROSSING
IFB 2018-0143-PW/KE**

The Santa Fe County Public Works Department requests bids for the purpose of procuring a licensed construction company to construct an all-weather crossing in the Pinon Hills Subdivision in order to improve and address drainage issues. The construction consists of, but not limited to: grading and drainage improvements; paving, and traffic control. Bids may be held for ninety (90) days subject to all action by the County. Santa Fe County reserves the right to reject any and all bids in part or in whole. A completed bid package must be submitted in a sealed container indicating the bid title and number along with the bidding firm's name and address clearly marked on the outside of the container. **All bids must be received by 2:00 PM on Thursday, November 30, 2017 at the Santa Fe County Purchasing Division, 142 W. Palace Avenue (Second Floor), Santa Fe, NM 87501.** By submitting a bid for the requested materials and/or services each firm is certifying that their bid is in compliance with the regulations and requirements stated within this IFB.

A Pre-Bid Conference will be held at 2:00 on Tuesday November 14, 2017 at the Santa Fe County Projects and Facilities Conference Room located at 901 W. Alameda Suite 20-C, Santa Fe, N.M. 87501. The Pre-Bid Conference is *not* mandatory but attendance is highly recommended.

EQUAL OPPORTUNITY EMPLOYMENT: All qualified bidders will receive consideration of contract(s) without regard to race, color, religion, sex, national origin, ancestry, age, physical and mental handicap, serious mental condition, disability, spousal affiliation, sexual orientation or gender identity.

The Invitation for Bid Documents will be available on the Santa Fe County website: http://www.santafecountynm.gov/asd/current_bid_solicitations or by contacting Karen K. Emery, Senior Procurement Specialist, by telephone at (505) 992-6759 or by email at kkemery@santafecountynm.gov.

BIDS RECEIVED AFTER THE DATE AND TIME SPECIFIED ABOVE WILL NOT BE ACCEPTED.

Santa Fe County
Publish: November 5 & 6, 2017

INSTRUCTIONS FOR BIDDERS

Bids are requested by Santa Fe County for construction of an All-Weather Crossing that is located in the Pinon Hills Subdivision, located in Santa Fe, NM, in accordance with NMDOT specifications and other contract documents prepared by Santa Fe County.

1. **LOCATION AND DESCRIPTION OF WORK:** The work to be completed is located in the Pinon Hills Subdivision on the corner of Calle Carla and Calle Suzanna.

The work consists of, but is not limited to grading and drainage improvements; paving, and traffic control.

The Contractor shall supply all labor, materials and equipment necessary to complete the work in accordance with the specifications.

All applicable laws and ordinances and the rules and regulations of all authorities having jurisdiction over the project shall apply to the contractor and all agreements between the contractor and the County.

All work shall be maintained in a neat and workmanlike manner. The contractor shall provide all clean-up for its operations and control of all construction debris. All construction debris shall be removed from the work areas and shall be disposed of at an approved waste disposal site before the end of each work cycle.

2. **SCOPE OF WORK:** To construct an All-Weather Crossing in the Pinon Hills Subdivision in order to improve and address drainage issues on approximately 385 ft. of roadway on the corner of Calle Carla and Calle Suzanna. At present during rain the AWC experiences drainage problems and is in constant need of maintenance to address the constant situations of the low water crossing. The construction consists of, but is not limited to: grading and drainage improvements; paving, and traffic control. The contractor shall supply all labor, materials and equipment necessary to complete the work in accordance with the specifications. **All work will be completed before June 30, 2018.**

3. **PRE-BID CONFERENCE:** A Pre-Bid Conference will be held on **Tuesday, November 14, 2017, at 2:00PM** at the Santa Fe County Projects and Facilities Conference Room located at 901 W. Alameda, Suite 20-C.

Attendance at the pre-proposal conference or participation is not mandatory but attendance is highly recommended.

4. **SPECIFICATIONS:** The construction of this project will be in accordance with the New Mexico Department of Transportation Standard Specifications for Highway and Bridge Construction (2014 Edition), and other contract documents prepared by Santa Fe County, except as otherwise specified herein or in the contract.

5. **TIME AND PLACE OF RECEIVING AND OPENING BIDS:** This information will be found in the "Advertisement for Bids", page 3 of this IFB. A bid received after the specified time will not be considered and will be returned to the bidder unopened.
6. **DEFINED TERMS:** Terms used in these Instructions for Bidders have the meanings assigned to them in section 101 of the NMDOT Standard Specifications as modified.
7. **MANDATORY COMPLETION DATE:** The mandatory completion date for this contract is June 30, 2018 to commence on the date Notice to Proceed is granted or as directed by Santa Fe County. There will be no extensions for any reason.
8. **COPIES OF BIDDING DOCUMENTS:** The Invitation for Bid Documents will be available on the Santa Fe County website: www.santafecountynm.gov/asd/current_bid_solicitations or by contacting Karen K. Emery, Senior Procurement Specialist, by telephone at (505) 992-9759 or by email at kkemery@santafecountynm.gov.

Bidders shall use complete sets of Bidding Documents in preparing bids; neither the owner nor engineer assumes responsibility for errors or misinterpretations resulting from the use of incomplete sets of Bidding Documents.

No license or grant of use of the Bidding Documents is conferred by issuance of copies of the bidding documents.

9. **BIDDER'S REPRESENTATION:** By submitting a bid the bidder represents that: a) the bidder has read and understands the Bid Documents and Contract Documents; b) the bid is made in compliance with the Bid Documents and Contract Documents; c) The bidder has visited the site and has become familiar with local conditions under which the Work is to be performed, and has correlated the bidder's personal observations with the requirements of the proposed Contract Documents; d) the bidder has familiarized itself with federal, state and local laws, ordinances, rules, and regulations affecting performance of the Work; and e) the bid is based upon the materials, equipment and systems required by the Bid Documents without exception; and f) the County shall rely on these representations.
10. **INTERPRETATIONS/ADDENDA:** All questions about the meaning or intent of the contract documents shall be submitted to the Procurement Manager in writing.

Replies will be issued by written addenda mailed or delivered to all parties recorded by the Procurement Manager, as having received the bidding documents at least five (5) calendar days before the scheduled bid opening date. Questions received less than seven (7) calendar days prior to the date for opening of bids will not be answered. Only questions answered by formal written addenda will be binding. Oral and other interpretations or clarifications will be without legal effect. Written questions or inquiries in relation to the Invitation for Bid will be directed to:

Karen K. Emery, Senior Procurement Specialist
Santa Fe County Purchasing Division
142 W. Palace Avenue (Second Floor)

Santa Fe, NM 87501
Ph. (505) 992-6759
kkemery@santafecountynm.gov

Copies of addenda will be made available for inspection wherever Bid Documents are on file for that purpose. Each addendum shall be part of the contract documents as specified in the written contract, attached to these specifications.

Addenda will be issued no later than five (5) working days prior to the date for receipt of bids except an addendum withdrawing the request for bids or one which includes postponement of the date for receipt of bids.

Each bidder shall ascertain prior to submitting a bid that the bidder has received all addenda and the bidder shall acknowledge receipt in the bid.

12. PREFERENCES IN PROCUREMENT:

New Mexico In-State Preference.

- A. New Mexico law, Section 13-1-22 NMSA 1978, provides a preference in the award of a public works contract for an “**in-state resident contractor**”. Application of a resident contractor preference requires the bidder to provide a copy of a valid and current certificate as a resident contractor. Certificates are issued by the state taxation and revenue department.

If a bidder submits with its bid a copy of a valid and current in-state resident contractor certificate, the bidder’s bid will be deemed to be 5% lower than the bid actually submitted.

Certification by the department of taxation and revenue for the resident contractor takes into consideration such activities as the business or contractor’s payment of property taxes or rent in the state and payment of unemployment insurance on employees who are residents of the state.

OR

B. *New Mexico Resident Veteran Preference.*

New Mexico law, Section 13-1-22 NMSA 1978, provides a preference in the award of a public works contract for a “**resident veteran contractor**”. Certification by the department of taxation and revenue for the resident veteran contractor requires the bidder to provide evidence of annual revenue and other evidence of veteran status.

A bidder who wants the veteran contractor preference to be applied to its bid is required to submit with its bid the certification from the department of taxation and revenue and the sworn affidavit attached hereto as Appendix C.

If a bidder submits with its bid a copy of a valid and current veteran resident contractor certificate, the bidder's bid will be deemed to be 10% lower than the bid actually received.

The in-state resident contractor preference is not cumulative with the resident veteran contractor preference.

The in-state and veteran preferences do not apply to procurement of services or goods involving federal funds or federal grant funds.

Additional information about obtaining the certificate as a resident contractor and resident veteran contractor may be found at:

<http://www.tax.newmexico.gov/Businesses/Pages/In-StatePreferenceCertification.aspx>.

13. **SUBCONTRACTORS, SUPPLIERS AND OTHERS:** The contractor shall be required to fully comply with the Subcontractors Fair Practices Act, NMSA 1978, 13-4-31 to 13-4-42.
 - A. The contractor, in the bid documents, must identify in writing to the County those portions of the work that it proposes to subcontract and after the Notice of Award, may only subcontract other portions of the work with the County's written consent.
 - B. Any subcontractor who will be providing more than \$5,000 or one-half of one percent of the architect's or engineer's estimate of the total project cost (not including alternates) whichever is greater for any service, must be listed on the Subcontractor Listing. The subcontractor listing threshold for this IFB is \$5,000.
 - C. **The awarded contractor must register all active subcontractors on the State of New Mexico Workforce Solutions website upon approval of Notice of Award entered by Santa Fe County.**

14. **SUBSTITUTIONS:** The materials, products, and equipment described in the Bid Documents establish a standard of required function, dimension, appearance and quality to be met by any proposed substitution. No substitution will be considered prior to receipt of bids.

15. **WAGE RATES/REGISTRATION WITH THE LABOR AND INDUSTRIAL DIVISION OF THE LABOR DEPARTMENT:** The contractor shall be required to fully comply with the Public Works Minimum Wage Act, NMSA 1978, 13-4-11 thru 13-4-17. If the minimum wage rate determination for the project is not included in the initial Bid Documents, it will be furnished in an addendum.

A contractor or subcontractors who submit a bid valued at more than sixty thousand dollars (\$60,000) for a public works project that is subject to the Public Works Minimum Wage Act must be registered with the New Mexico Workforce Solutions at the time of the bid opening. The registration number shall be provided in the bid submitted by the contractor in the space provided for subcontracts with work proposed. After the bid opening, the registration numbers will be verified by the County and the bid will be determined to be non-responsive and disqualified if the registration numbers are

“inactive” and the contractor does not provide proof of the required registration for itself or its subcontractors for work proposed over sixty thousand dollars (\$60,000).

For a public works contract whose value is \$60,000 or more, the NM Public Works Minimum Wage Act, 13-4-11 NMSA 1978, also requires all tiers of subcontractors to submit certified weekly payroll records to the general contractor and the County biweekly. If this provision applies, the contractor shall, and shall require all tiers of subcontractors, to submit certified weekly payroll records to the contractor and the County’s Project Manager for this project.

16. BID FORM:

- A. The bid forms are included in the bidding documents; additional copies may be obtained from the Santa Fe County Purchasing Division.
- B. Bid forms must be completed in either ink or typewritten. The bid price of each item on the form must be stated in numerals and written words; in case of an error in extensions in the unit price schedule the unit price shown in written words shall govern.
- C. Bids by corporations must be executed in the corporate name by the president or a vice president (or other corporate office accompanied by evidence of authority to sign) and the corporate seal shall be affixed and attested by the secretary or an assistant secretary. The corporate address and state of incorporation shall be shown below the signature.
- D. Bids by partnerships must be executed in the partnership name and signed by a partner, their title must appear under their signature and the official address of the partnership must be shown below the signature.
- E. All names must be typed or printed below the signature.
- F. The bid shall contain an acknowledgment of receipt of all addenda (the numbers of which shall be filled in on the bid form).

17. BID SECURITY: Each individual bid shall be accompanied by bid security equal to 5% of the amount of the bid. Such bid security shall be in the form of a certified or cashier’s check made payable to the County or a surety bond issued by a surety authorized to conduct business in the State of New Mexico and who is approved in federal circular 570 as published by the U.S. Treasury Department.

By submitting the bid and providing the bid security, the bidder pledges to enter into a binding contract with the County and will furnish bonds covering the faithful performance of the contract and payment of all obligations arising hereunder.

The County will have the right to retain the bid security of bidders to whom an award is being considered until either the contract has been executed and bonds, if required, have been furnished or the specified time has elapsed so that bids may be withdrawn or all bids have been rejected.

18. POWER OF ATTORNEY: Attorneys in fact who sign bonds must attach certified effective copies of their Power of Attorney to all bonds.

19. QUALIFICATION OF BIDS: All contractors and subcontractors must have a valid New Mexico license appropriate to the work herein specified at the time the bid is submitted.
20. SUBMISSION OF BIDS: Bids shall be submitted at the time and place indicated in the "Advertisement for Bids" on page 3 of this IFB and shall be enclosed in an opaque sealed envelope, **marked with the project title, name and address of the bidder, N.M. License Number**, and accompanied by the list of subcontractors and other required documents. All blanks must be filled in. Conditional bids will not be considered. The envelope shall be addressed to:

Karen K. Emery, Senior Procurement Specialist
Santa Fe County Purchasing Division
142 W. Palace Avenue (Second Floor)
Santa Fe, NM 87501

21. MODIFICATION AND WITHDRAWAL OF BIDS: A bid may not be modified, withdrawn or canceled by the bidder following the time and date designated for the receipt of bids, and each bidder so agrees to these conditions by submitting a bid.

Prior to the time and date designated for receipt of bids, a bid submitted may be modified or withdrawn by notice to the County at the address designated for receipt of bids. Such notice shall be in writing and signed by the bidder.

Upon receipt such written confirmation shall be date and time stamped by the County on or before the date and time set for receipt of bids. A modification of a bid shall be worded as not to reveal the amount of the original bid.

22. GROSS RECEIPTS TAXES: The amount of the bid shall exclude applicable New Mexico Gross Receipts Taxes or applicable local option taxes. The applicable gross receipts tax or applicable local option taxes shall be computed and shown as a separate amount on each request for payment made under the contract.
23. CONSIDERATION OF BIDS: Bids received on time will be opened publicly and will be read aloud, and an abstract of the amounts of the base bids and alternates or bid items, if any, will be made available to the bidders. Each bid shall be open to public inspection.
24. BID OPENING PROCEDURE: The person or persons opening the bids shall verify that the requirements of the Instruction to Bidders have been fulfilled, and shall read aloud the name of each apparently responsive bidder and the bid amount(s). If any requirements have not been met, the bid shall be deemed non-responsive and disqualified. Each bid shall be reviewed for the following:
 - A. Bid Proposal: Include name of bidder, type of organization, contractor's license number and New Mexico Workforce Solutions registration number and all required signatures.
 - B. Bid Form: Include acknowledgement of all addenda, if applicable, bidder's name, title, address, telephone number, contractor's license number and type, United States

- Treasury number, resident preference certificate, if applicable, and all required signatures.
- C. Bid Sheet: Include best price offered, excluding GRT.
 - D. Non-Collusion Affidavit for Prime Bidder Form: Include all required notarized signatures.
 - E. Certification of Non-Segregated Facilities Form: Include all required notarized signatures.
 - F. Certification of Bidder Regarding Equal Employment Opportunity Form: Include all required signatures.
 - G. Bid Bond: Include all required notarized signatures.
 - H. Bid Security: Shall be in the form of a certified or cashier's check made payable to the County or a surety bond issued by a surety.
 - I. Subcontractor's Listing Form: List of all subcontractors performing work over \$5,000.00, include name, address, telephone number, license number and **active** NM Department of Workforce Solutions Registration Number.
 - J. Campaign Contribution Disclosure Form: Include all required signatures.
 - K. Valid certificate of resident business or resident contractor, if applicable.

IF ANY OF THESE REQUIREMENTS HAVE NOT BEEN MET, THE BID MAY BE DISQUALIFIED AND CONSIDERED NON-RESPONSIVE.

- 25. BIDS TO REMAIN OPEN: All bids shall remain open for ninety (90) days after the day of the bid opening.
- 26. AWARD OF CONTRACT:
 - A. The County reserves the right to reject any and all bids and waive any and all informalities or technicalities and the right to disregard all nonconforming or conditional bids or counter proposals.
 - B. If a contract is to be awarded, it will be awarded to the lowest responsible bidder submitting a bid that is either: (i) the lowest base bid; or (ii) the lowest bid including the base bid and the alternate(s); or (iii) the lowest bid including the base bid and any combination of the alternates.
 - C. If the lowest responsible bidder has otherwise qualified, the lowest bidder may negotiate with the County for a lower bid if the lowest bid is within **ten percent** over budgeted project funds in order to prevent all bids from being rejected. No change in the original scope and/or terms and conditions will be allowed. Negotiations may be permitted with product, materials, and equipment alternatives as determined to be in the best interest of the County.
 - D. Alternates may be accepted and awarded in any manner or order based on available budget. The County reserves the right not to award any particular alternate.
 - E. **The awarded contractor must register all active subcontractors on the State of New Mexico Workforce Solutions website upon approval of Notice of Award entered by Santa Fe County.**

27. **LIQUIDATED DAMAGES:** Liquidated damages in the amount of \$1,500.00 per each calendar day shall be assessed after the completion date until the issuance of a Certificate of Substantial Completion for the entire project.
28. **PREFERENCES IN EQUIPMENT AND MATERIAL:** In the construction of this project, the County has no preference for any process, type of equipment, or kind of material, but will consider all processes, types of equipment or kinds of material offered on a usual competitive basis if they are in fact equal to that specified and will accomplish the purpose intended. The County reserves the right to be the sole judge as to whether or not a different process, type of equipment or kind of material offered is in fact equal to that specified.
29. **LICENSE OR ROYALTY FEES:** Licenses and/or royalty fees for products or for processes must be paid for directly by the contractor.
30. **PERMITS:** It is the responsibility of the contractor and each subcontractor to obtain permits and inspections required by the County and/or the State of New Mexico or any other entity that may have jurisdiction over the construction.
31. **COLLUSION:** No bidder shall be interested in more than one bid. Collusion among bidders or the submission of more than one bid under different names by any firms or individual shall be cause for rejection of all bids in question without consideration.
32. **QUANTITIES:** The quantities set forth in the bid proposal are estimated quantities on which bids will be compared and which will be the basis for award of contract. Payment will be made for work actually performed.
33. **PROTEST PROCEDURE:** Any bidder who is aggrieved in connection with procurement may protest to the County Purchasing Manager as set forth in Resolution No. 2006-60 by the Board of County Commissioners. A copy of Resolution No. 2006-60 is available upon request. The protest must be in writing and be submitted within fifteen (15) days after the facts or occurrences. The complete procedures and requirements regarding protests and resolution of protests are available from the Santa Fe County Purchasing Division upon request.
34. **CONTRACTOR'S QUALIFICATION STATEMENT:** A bidder to whom award of a contract is under consideration shall submit, upon request, information and data to prove that its financial resources, production or service facilities, personnel, and service reputation and experience are adequate to make satisfactory delivery of the services, construction, or items of personal property described in the Bidding Documents.
35. **BOND REQUIREMENTS – PERFORMANCE BOND AND PAYMENT BOND:** If awarded the contract, a bidder shall furnish bonds covering the faithful performance of the contract and payment of all obligations arising thereunder. The amount of the bonds, performance and payment, shall each be equal to 100% of the contract sum. Bonds shall be issued by a surety authorized to conduct business in the State of New Mexico and who is approved in federal circular 570 as published by the U.S. Treasury Department. The cost of the bonds shall be included in the bid.

36. **TIME OF DELIVERY AND FORM OF BONDS.** The bidder shall deliver the required bonds to the County no later than seven (7) days following the date of execution of the contract. If the Work is to be commenced prior thereto in response to a letter of intent, the bidder shall, prior to commencement of the Work, submit evidence satisfactory to the County that such bonds will be furnished and delivered in accordance with this section.

The bidder shall require the attorney-in-fact who executes the required bonds on behalf of the surety to affix thereto a certified and current copy of the power of attorney.

37. **WARRANTY:** The contractor shall furnish a written warranty of workmanship to the Procurement Manager for a period of one (1) year following the completion date in addition to all other warranties required by the Contract Documents.
38. **NOTICE OF AWARD:** A written Notice of Award shall be issued by the County after review and approval of the bid and related documents.
39. **IDENTICAL BIDS:** If two or more identical low bids are received, the County will apply the process described at Section 13.1.110 NMSA 1978, of the State Procurement Code.
40. **CANCELLATION OF AWARD:** When in the best interest of the public, the County may cancel the award of any contract at any time before the execution of said contract by all parties without any liability against the County.
41. **NOTICE TO PROCEED:** The County will issue a written Notice to Proceed and a purchase order to the contractor stipulating the date from which contract time will be charged and the date contract time is to expire.
42. **FAILURE TO EXECUTE CONTRACT:** Failure to return the signed contract with acceptable contract bonds and certificate of insurance within ten (10) calendar days after the date of the Notice of Award shall be just cause for the cancellation of the award. The award may then be made to the next lowest responsible bidder, or the work may be re-advertised and constructed under contract or otherwise, as the owner may decide.
43. **INSURANCE REQUIREMENTS:** At a minimum upon execution of the Agreement between the County and the contractor, the contractor shall furnish to the County, Certificates of Insurance naming Santa Fe County as an additional insured for the insurance coverage as specified in the sample contract and the County's supplementary conditions attached hereto.
44. **CLARIFICATION OF NON-COLLUSION AFFIDAVIT OF SUBCONTRACTOR, AND CERTIFICATION OF SUBCONTRACTOR REGARDING EQUAL EMPLOYMENT OPPORTUNITY:** The general contractor is not required to present completed "Non-Collusion Affidavit of Subcontractor" and "Certification of Subcontractor Regarding Equal Employment Opportunity" forms from their subcontractors at the time of bid submittal; however, once the contract is awarded, the

general contractor is responsible for providing these forms along with the bonds and certificate of insurance.

45. **SUBCONTRACTOR PERFORMANCE AND PAYMENT BOND.** A subcontractor whose work to be performed on a public works building project is one hundred twenty-five thousand dollars (\$125,000) or more shall submit a performance and payment bond in the amount of the work they are to perform on the project. These bonds will be submitted within the stated (10) calendar days after the date of the Notice to Award.
46. **OPERATIONS AND MAINTENANCE MANUALS:** At the completion of the project but prior to the Substantial Completion certificate approved by the engineer, the contractor shall submit to the Project Manager two (2) copies of a three ring binder with all maintenance and operations instructions for all systems and items within this phase of construction, if applicable.
47. **NOTICE:** The Procurement Code, Sections 13-1-28 through 13-1-199 NMSA 1978, imposes civil and misdemeanor criminal penalties for its violation. In addition, the New Mexico criminal statutes impose felony penalties for bribes, gratuities, and kickbacks.
48. **SUFFICIENT APPROPRIATION:** Any contract awarded as a result of this IFB process may be terminated if sufficient appropriations or authorizations do not exist. Such termination will be effected by sending written notice to the contractor. The County's decision as to whether sufficient appropriations and authorizations are available will be accepted by the contractor as final.
49. **NUMBER OF BIDS ACCEPTED.** Bidders shall submit only one (1) bid in response to this IFB.
50. **LIVING WAGE.** Contractor shall comply with the requirements of the Santa Fe County Ordinance 2014-1 (Establishing a Living Wage) as amended by 2014-5.
51. **DOUBLE-SIDED DOCUMENTS.** All submitted bids/proposal documents shall be double sided, pursuant to Santa Fe County Resolution 2013-7, Adopting Sustainable Resource Management Principles, Section 2. A. Waste Reduction and Reuse..."all documents are to be double-sided, including those that are generated by outside entities using County funds and by consultants and contractors doing business with the County".

**BID PROPOSAL
IFB 2018-0143-PW/KE
CONSTRUCTION SERVICES FOR
PINON HILLS ALL-WEATHER CROSSING**

To Santa Fe County, State of New Mexico, Owner:

In compliance with the Information for Bidders and in strict conformance with the Contract Documents, _____, hereinafter called the Bidder, organized and existing under the laws of the State of New Mexico as a _____ (type of business or legal entity), hereby proposes to perform all the WORK required to construct an All-Weather Crossing in the Pinon Hills Subdivision, located in Santa Fe, NM, in accordance with NMDOT specifications and other contract documents prepared by Santa Fe County.

The undersigned declares that it is the only person or parties interested in the proposal as principals are those named herein; that the proposal is made without collusion with any person, firm or corporation; that it has carefully examined the specifications, including special provisions, if any, and that it has made a personal examination of the site of the work, that it is to furnish all the necessary machinery, tools, apparatus and other means of construction and do all the work and furnish all the materials specified in the manner and the time prescribed; that it understands that the quantities are approximate only and subject to increase or decrease, and that it is willing to perform any increased or decreased quantities of work at unit price bid.

The undersigned hereby agrees to execute and deliver the Construction Agreement within ten (10) days, or such further time as may be allowed in writing by Santa Fe County after receiving notification of the acceptance of this proposal, and it is hereby mutually understood and agreed that in case we do not, Santa Fe County may proceed to award the contract to others.

We hereby agree to commence the work within fifteen (15) days, or such further time as may be allowed in writing by Santa Fe County after notification to proceed.

The undersigned proposes to guarantee all work performed under these plans, specifications and contract for one year after acceptance by the County and repair and maintain same until the date of acceptance by Santa Fe County.

Signature-Title

(Corporate Seal)

Corporate Name

Address

City, State, Zip Code

Names of individual members of
firms or names and titles of all
officers of Corporation.:

Corporation organized under
the Laws of the State of :

New Mexico Contractor's License No.

NM Department of Workforce Solutions,
Public Works Labor Enforcement Fund
Registration Number:

**SANTA FE COUNTY
BID FORM**

FROM: _____

hereinafter called "Bidder".

TO: Santa Fe County
142 West Palace Avenue
Santa Fe, New Mexico 87501

hereinafter called "CONTRACTING AGENCY",

BID FOR: **IFB 2018-0143-PW/KE**
PROJECT: **CONSTRUCTION SERVICES FOR PINON HILLS ALL-WEATHER CROSSING**

Purchasing Division:

The bidder has familiarized itself with the existing conditions on the project area affecting the cost of the work and with the contract documents which includes:

- A. Advertisement for Bids
- B. Instructions for Bidders
- C. Bid Proposal and other required bid forms as listed herein
- D. Form of Agreement
- E. Form of Performance Bond
- F. Form of Labor and Material Payment Bond
- G. Technical Specifications
- H. All information provided in the Specifications and Drawings

Therefore, the Bidder hereby proposes to furnish all supervision, technical personnel, labor, materials, tools appurtenances, equipment, and services (including all utility and transportation services) required to complete the construction services for to construct an All-Weather Crossing in the Pinon Hills Subdivision, , in accordance with the above listed documents.

(Amounts are to be shown in both words and figures. In case of discrepancy, the amount shown in words will govern). Bidder has provided bid price for the scope of work.

In submitting this bid, the Bidder understands that the right is reserved by Santa Fe County to reject any irregular or all bids, waive any technicalities in the bids, and accept the bid deemed to be in the best interest of the public and that Santa Fe County intends to award one contract (if at all) for the items bid. If written notice of the acceptance of this bid is mailed, telegraphed or otherwise delivered to the undersigned within ninety (90) days after the opening thereof or at any time thereafter before this bid is withdrawn, the undersigned agrees to execute and deliver the agreement in the prescribed form within ten (10) days after the agreement is presented to it for signature.

All Addenda pertaining to this Project shall be acknowledged by the Bidder in the spaces provided below:

Addendum No.	Date	Acknowledged by Bidder or Its Authorized Representative	Date Acknowledged

Failure to acknowledge receipt, as provided above, may be considered sufficient grounds for disqualification of the bidder and rejection of this proposal. It shall be the bidder’s responsibility to become fully advised of all Addenda prior to submitting his bid.

The Bidder agrees to commence work under this Contract within fifteen (15) days after, a date to be specified in a written "Notice to Proceed" from Santa Fe County or its authorized agents. Bidder further agrees to pay liquidated damages as provided in the Contract Documents.

This Bid Proposal contains the following:

- A. Bid Proposal
- B. Bid Form
- C. Bid Sheet
- D. Non-Collusion Affidavit for Prime Bidder/Subcontractor
- E. Certification of Non-segregated Facilities
- F. Certification of Bidder/Subcontractor Regarding Equal Employment Opportunity
- G. Bid Bond
- H. Performance Bond
- I. Labor and Material Bond
- J. Subcontractors Listing (as included in this packet)
- K. Acknowledgement of Receipt of Invitation for Bids
- L. Campaign Contribution Disclosure Form
- M. Preference Certificate(s), if applicable

Failure to include any of the above listed documents in the bid submittal may be considered sufficient grounds for disqualification of the bidder and rejection of its bid.

Respectfully submitted:

Name of Bidder: _____
 By (Signature): _____
 Title: _____
 Date: _____
 Official Address: _____
 Email: _____
 Telephone No: _____

New Mexico Contractors License Number and Types: _____
 United States Treasury Number: _____
 Resident Preference Certificate Number: _____

BID SHEET
FOR CONSTRUCTION SERVICES FOR
PINON HILLS ALL-WEATHER CROSSING

PINON HILLS - BID SHEETS

LINE	ITEM #	DESCRIPTION	UNIT	APPROX. QUANTITY
1	201000	CLEARING AND GRUBBING	L.S.	L.S.
		Unit Bid Price (Written in WORDS)	Unit Bid Price (Written in NUMBERS)	Total Item Bid Price (Written in NUMBERS)
		Dollars and Cents	Dollars and Cents	Dollars and Cents
2	203000	UNCLASSIFIED EXCAVATION	CU YD	310
		Unit Bid Price (Written in WORDS)	Unit Bid Price (Written in NUMBERS)	Total Item Bid Price (Written in NUMBERS)
		Dollars and Cents	Dollars and Cents	Dollars and Cents
3	203100	BORROW	CU YD	1980
		Unit Bid Price (Written in WORDS)	Unit Bid Price (Written in NUMBERS)	Total Item Bid Price (Written in NUMBERS)
		Dollars and Cents	Dollars and Cents	Dollars and Cents
4	207000	SUBGRADE PREPARATION	SQ YD	2100
		Unit Bid Price (Written in WORDS)	Unit Bid Price (Written in NUMBERS)	Total Item Bid Price (Written in NUMBERS)
		Dollars and Cents	Dollars and Cents	Dollars and Cents
5	210002	MAJOR STRUCTURES EXCAVATION	CU YD	460
		Unit Bid Price (Written in WORDS)	Unit Bid Price (Written in NUMBERS)	Total Item Bid Price (Written in NUMBERS)
		Dollars and Cents	Dollars and Cents	Dollars and Cents
6	210003	MAJOR STRUCTURES BACKFILL	CU YD	380
		Unit Bid Price (Written in WORDS)	Unit Bid Price (Written in NUMBERS)	Total Item Bid Price (Written in NUMBERS)
		Dollars and Cents	Dollars and Cents	Dollars and Cents
7	213000	OBLITERATE OLD ROAD	MILE	0.1
		Unit Bid Price (Written in WORDS)	Unit Bid Price (Written in NUMBERS)	Total Item Bid Price (Written in NUMBERS)
		Dollars and Cents	Dollars and Cents	Dollars and Cents
8	303140	BASE COURSE 4"	SQ YD	1948
		Unit Bid Price (Written in WORDS)	Unit Bid Price (Written in NUMBERS)	Total Item Bid Price (Written in NUMBERS)
		Dollars and Cents	Dollars and Cents	Dollars and Cents
9	416000	MINOR PAVING	SQ YD	1810
		Unit Bid Price (Written in WORDS)	Unit Bid Price (Written in NUMBERS)	Total Item Bid Price (Written in NUMBERS)
		Dollars and Cents	Dollars and Cents	Dollars and Cents
10	511030	STRUCTURAL CONCRETE, CLASS AA	CU YD	315
		Unit Bid Price (Written in WORDS)	Unit Bid Price (Written in NUMBERS)	Total Item Bid Price (Written in NUMBERS)
		Dollars and Cents	Dollars and Cents	Dollars and Cents
11	540060	REINFORCING BARS GRADE 60	LBS	78750
		Unit Bid Price (Written in WORDS)	Unit Bid Price (Written in NUMBERS)	Total Item Bid Price (Written in NUMBERS)
		Dollars and Cents	Dollars and Cents	Dollars and Cents

PINON HILLS - BID SHEETS

LINE	ITEM #	DESCRIPTION	UNIT	APPROX. QUANTITY
12	601000	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.S.	L.S.
		Unit Bid Price (Written in WORDS)	Unit Bid Price (Written in NUMBERS)	Total Item Bid Price (Written in NUMBERS)
		Dollars and Cents	Dollars and Cents	Dollars and Cents
13	602000	RIPRAP CLASS A	CU YD	57
		Unit Bid Price (Written in WORDS)	Unit Bid Price (Written in NUMBERS)	Total Item Bid Price (Written in NUMBERS)
		Dollars and Cents	Dollars and Cents	Dollars and Cents
14	603221	CHECK DAM TYPE II	LIN. FT	60
		Unit Bid Price (Written in WORDS)	Unit Bid Price (Written in NUMBERS)	Total Item Bid Price (Written in NUMBERS)
		Dollars and Cents	Dollars and Cents	Dollars and Cents
15	603262	COMPOSTED MULCH SOCKS	LIN. FT	275
		Unit Bid Price (Written in WORDS)	Unit Bid Price (Written in NUMBERS)	Total Item Bid Price (Written in NUMBERS)
		Dollars and Cents	Dollars and Cents	Dollars and Cents
16	606001	SINGLE FACE W-BEAM GUARDRAIL	LIN. FT	250
		Unit Bid Price (Written in WORDS)	Unit Bid Price (Written in NUMBERS)	Total Item Bid Price (Written in NUMBERS)
		Dollars and Cents	Dollars and Cents	Dollars and Cents
17	606053	END TREATMENT W-BEAM GUARDRAIL	EACH	4
		Unit Bid Price (Written in WORDS)	Unit Bid Price (Written in NUMBERS)	Total Item Bid Price (Written in NUMBERS)
		Dollars and Cents	Dollars and Cents	Dollars and Cents
18	618000	TRAFFIC CONTROL MANAGEMENT	L.S.	L.S.
		Unit Bid Price (Written in WORDS)	Unit Bid Price (Written in NUMBERS)	Total Item Bid Price (Written in NUMBERS)
		Dollars and Cents	Dollars and Cents	Dollars and Cents
19	621000	MOBILIZATION	L.S.	L.S.
		Unit Bid Price (Written in WORDS)	Unit Bid Price (Written in NUMBERS)	Total Item Bid Price (Written in NUMBERS)
		Dollars and Cents	Dollars and Cents	Dollars and Cents
20	632020	CLASS C SEEDING	ACRE	1.5
		Unit Bid Price (Written in WORDS)	Unit Bid Price (Written in NUMBERS)	Total Item Bid Price (Written in NUMBERS)
		Dollars and Cents	Dollars and Cents	Dollars and Cents
21	701000	PANEL SIGNS	SQ FT	66
		Unit Bid Price (Written in WORDS)	Unit Bid Price (Written in NUMBERS)	Total Item Bid Price (Written in NUMBERS)
		Dollars and Cents	Dollars and Cents	Dollars and Cents
22	701100	STEEL POST AND BASE POST FOR ALUMINUM PANEL SIGNS	LIN. FT	140
		Unit Bid Price (Written in WORDS)	Unit Bid Price (Written in NUMBERS)	Total Item Bid Price (Written in NUMBERS)
		Dollars and Cents	Dollars and Cents	Dollars and Cents

PINON HILLS - BID SHEETS

LINE	ITEM #	DESCRIPTION	UNIT	APPROX. QUANTITY
23	702810	TRAFFIC CONTROL DEVICES FOR CONSTRUCTION	L.S.	L.S.
		Unit Bid Price (Written in WORDS)	Unit Bid Price (Written in NUMBERS)	Total Item Bid Price (Written in NUMBERS)
		Dollars and Cents	Dollars and Cents	Dollars and Cents
24	704000	RETROREFLECTORIZED PAINTED MARKINGS	LIN. FT	4200
		Unit Bid Price (Written in WORDS)	Unit Bid Price (Written in NUMBERS)	Total Item Bid Price (Written in NUMBERS)
		Dollars and Cents	Dollars and Cents	Dollars and Cents
25	801000	CONSTRUCTION STAKING BY THE CONTRACTOR	L.S.	L.S.
		Unit Bid Price (Written in WORDS)	Unit Bid Price (Written in NUMBERS)	Total Item Bid Price (Written in NUMBERS)
		Dollars and Cents	Dollars and Cents	Dollars and Cents
TOTAL BID AMOUNT (EXCLUDING NM GROSS RECEIPTS TAX)				
(Written in WORDS)			DOLLARS AND CENTS	
ALL BID ITEMS AND BASE BID TOTALS ARE EXCLUSIVE OF NEW MEXICO GROSS RECEIPT TAX (GRT)				

NON-COLLUSION AFFIDAVIT OF PRIME BIDDER

STATE OF NEW MEXICO

COUNTY OF _____

_____ being first duly sworn, deposes and says that:

- (1) They are the _____ of _____ the Bidder that has submitted the attached Bid Proposal;
- (2) They are fully informed respecting the preparation and contents of the attached Bid Proposal and of all pertinent circumstances respecting such bid;
- (3) Such bid is genuine and is not a collusive or sham bid;
- (4) Neither the said bidder nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other bidder, firm or person to submit a collusive or sham bid in connection with the contract for which the attached bid has been submitted or to refrain from bidding in connection with such contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communications or conference with any other bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Contracting Agency or any person interested in the proposed contract; and
- (5) The price or prices quoted in the attached bid are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the bidder or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

(SIGNED) _____

TITLE _____

SUBSCRIBED AND SWORN to before me this _____ day of _____ 2017.

NOTARY PUBLIC

My Commission Expires _____

NON-COLLUSION AFFIDAVIT OF SUBCONTRACTOR

STATE OF NEW MEXICO

COUNTY OF _____

_____ being first duly sworn, deposes and says that:

- (1) It is the _____ of _____, hereinafter referred to as the "Subcontractor".
- (2) It is fully informed respecting the preparation and contents of the Subcontractor's proposal submitted by the Subcontractor to _____, the Contractor, for certain work in connection with the _____ contract pertaining to the _____ project in _____.
- (3) Such Subcontractors proposal is genuine and is not a collusive or sham proposal.
- (4) Neither the Subcontractor nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other bidder, firm or person to submit a collusive or sham bid in connection with the contract for which the attached bid has been submitted or to refrain from bidding in connection with such contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communications or conference with any other bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Contracting Agency or any person interested in the proposed contract; and
- (5) The price or prices quoted in the Subcontractor's proposal are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the bidder or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

(SIGNED) _____

TITLE _____

SUBSCRIBED AND SWORN to before me this _____ day of _____ 2017.

NOTARY PUBLIC

My Commission Expires _____

SUBCONTRACTS

- A. The contractor shall not execute an agreement with any subcontractor or permit any subcontractor to perform any work included in this contract until it has submitted a Non-Collusion Affidavit from the subcontractor, is substantially the form shown below, and has received written approval of such subcontractor from Santa Fe County.
- B. No proposed subcontractor shall be disapproved by Santa Fe County except for cause.
- C. The contractor shall be as fully responsible to Santa Fe County for the acts and omissions of its subcontractors and of persons either directly or indirectly employed by them, as it is for the acts and omissions of persons directly employed by them.

- D. The contractor shall cause appropriate provision to be inserted in all subcontracts relative to the work to require compliance by each subcontractor with the applicable provisions of the contract for the improvements embraced.
- E. Nothing contained in the contract shall create any contractual relation between any subcontractor and Santa Fe County.

CERTIFICATION OF NON-SEGREGATED FACILITIES

(Applicable to construction contracts and related subcontracts exceeding \$10,000, which are not exempt from the Equal Opportunity Clause).

The construction contractor certifies that it does not maintain or provide for its employees any segregated facility at any of its establishments, and that it does not permit its employees to perform their services at any location, under its control, where segregated facilities are maintained. The construction contractor certifies further that it will not maintain or provide for its employees any segregated facilities at any of its establishments, and that it will not permit its employees to perform their services at any location, under its control, where segregated facilities are maintained. The construction contractor agrees that a breach of this certification is a violation of the Equal Opportunity Clause in this contract. As used in this certification, the term "segregated facilities" means any waiting room, work areas, rest rooms and wash rooms, restaurants and other eating areas, time clock, locker rooms and other storage or dressing areas, parking lots, drinking foundations, recreating or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive or are in fact segregated on the basis of race, creed, color, or national origin, because of habit, local custom, or otherwise. The construction contractor agrees that (except where it has obtained identical certifications from proposed subcontractors for specific time periods) it will obtain identical certifications from proposed SUBCONTRACTORS prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity Clause and that it will retain such certifications in its files.

(SIGNED) _____

TITLE _____

SUBSCRIBED AND SWORN to before me this _____ day of _____ 2017.

NOTARY PUBLIC

My Commission Expires _____

**CERTIFICATION OF BIDDER REGARDING
EQUAL EMPLOYMENT OPPORTUNITY**

INSTRUCTIONS

This certification is required pursuant to Executive Order 11246 (30 F. R. 12319-25). The implementing rules and regulations provide that any bidder or perspective contractor, or any of their proposed subcontractors, shall state as an initial part of the bid or negotiations of the contract or subcontract whether it has participated in any previous contract or subcontract subject to the equal opportunity clause; and, if so, whether it has filed all compliance reports due under applicable instructions.

Where the certification indicates that the bidder has not filed a compliance report due under applicable instructions, such bidder shall be required to submit a compliance report within seven calendar days after bid opening. No contract shall be awarded unless such report is submitted.

CERTIFICATION OF BIDDER

Bidder's Name: _____

Address: _____

1. Bidder has participated in a previous contract or subcontract subject to the Equal Opportunity Clause.
Yes ____ No ____

2. Compliance reports were required to be filed in connection with such contract or subcontract.
Yes ____ No ____

Certification – The information above is true and complete to the best of my knowledge and belief.

NAME AND TITLE OF SIGNER (PLEASE TYPE)

SIGNATURE

DATE

**CERTIFICATION OF SUBCONTRACTOR REGARDING
EQUAL EMPLOYMENT OPPORTUNITY**

INSTRUCTIONS

This certification is required pursuant to Executive Order 11246 (30 F. R. 12319-25). The implementing rules and regulations provide that any bidder or prospective contractor, or any of their proposed subcontractors, shall state as an initial part of the bid or negotiations of the contract or subcontract whether it has participated in any previous contract or subcontract subject to the equal opportunity clause; and, if so, whether it has filed all compliance reports due under applicable instructions.

Where the certification indicates that the bidder has not filed a compliance report due under applicable instructions, such bidder shall be required to submit a compliance report within seven calendar days after bid opening. No contract shall be awarded unless such report is submitted.

CERTIFICATION OF SUBCONTRACTOR

Subcontractor's Name: _____

Address: _____

1. Subcontractor has participated in a previous contract or subcontract subject to the Equal Opportunity Clause.

Yes ___ No ___

2. Compliance reports were required to be filed in connection with such contract or subcontract.

Yes ___ No ___

Certification – The information above is true and complete to the best of my knowledge and belief.

NAME AND TITLE OF SIGNER (PLEASE TYPE)

SIGNATURE

DATE

BID BOND

A. KNOW ALL MEN BY THESE PRESENT, THAT WE _____
_____ hereinafter called the PRINCIPAL, as PRINCIPAL and the
_____, of _____ a Corporation
duly organized under the laws of the State of _____, and authorized to do business
in the State of New Mexico, hereinafter called the SURETY, as SURETY are held and firmly bound unto
Santa Fe County, a Municipal Corporation, hereinafter called the OBLIGEE, in the sum of
_____ DOLLARS (\$_____) for the payment of which sum well and truly to be made, the said
Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors, and assigns,
jointly and severally, firmly be these presents.

WHEREAS, the Principal has submitted the accompanying bid, dated _____, 2017, to construct
an All-Weather Crossing in the Pinon Hills Subdivision.

B. NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter
into a contract with the Obligee in accordance with the terms of such bid, and give such bond of bonds as
may be specified in the bidding of Contract Documents with good and sufficient surety for the faithful
performance of such contract and for the prompt payment of labor and material furnished in the
prosecution thereof of in the event of the failure of the Principal to enter such contract and give such bond
or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between
the amount specified in said bid and such larger amount for which the Obligee may in good faith contract
with another party of perform the work covered by said bid, then this obligation shall be null and void,
otherwise to remain in full force and effect.

52. SIGNED AND SEALED THIS _____ DAY OF _____, 2017.

BIDDER

By: _____
PRINCIPAL

(SEAL)

WITNESS

By: _____
SURETY

WITNESS

Title: _____

PERFORMANCE BOND

A. KNOW ALL MEN BY THESE PRESENT, THAT WE _____, as PRINCIPAL hereinafter called the "CONTRACTOR" and _____, as SURETY hereinafter called the "SURETY", are held and firmly bound unto OBLIGEE Santa Fe County, a Political Subdivision of the State of New Mexico, hereinafter called the "COUNTY", in the sum of _____ (\$_____) dollars for the payment whereof CONTRACTOR and SURETY bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

B. WHEREAS, the CONTRACTOR has a written contract dated _____, 2017, with the COUNTY to construct an All-Weather Crossing in the Pinon Hills Subdivision, in accordance with drawings and specifications which contract is referenced made part hereof, and is hereinafter referred to as the "Contract."

C. NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that, if CONTRACTOR shall promptly and faithfully perform said Contract (including any amendment thereto), then this obligation shall be null and void; otherwise it shall remain in full force and effect until the COUNTY shall by written instrument notify the SURETY that the obligation is discharged, except that the obligation shall continue for at least three (3) months following the expiration of the term of the Contract.

1. The SURETY hereby waives notice of any alteration or extension of the Contract time made by the COUNTY.
2. Whenever CONTRACTOR shall be, and is declared by the COUNTY to be in default under the Contract, the COUNTY having performed the COUNTY'S obligations thereunder, the SURETY must promptly remedy the default and shall promptly:
 - (1) Complete the Contract in accordance with its terms and conditions, or
 - (2) Obtain a bid or bids for submission to the COUNTY for completing the Contract in accordance with its terms and conditions, and upon determination by the COUNTY and SURETY of the lowest responsible bidder, arrange for a contract between such bidder and Santa Fe County, and make available as work progresses (even though there should be a default or a secession of defaults under the Contract or contracts of completion arranged under this paragraph) sufficient funds to pay the cost of completion less the balance of the Contract price, but not exceeding, including other costs and damages for which the SURETY may be liable hereunder, the amount set forth in the first paragraph hereof. The term "balance of the Contract price" as used in this paragraph, shall mean the total amount payable by the COUNTY to CONTRACTOR under the Contract and any amendments thereto, less the amount properly paid by the COUNTY to CONTRACTOR.

D. No right of action shall accrue on this Performance Bond to or for the use of any person or corporation other than Santa Fe County named herein or the heirs, executors, administrators, or successors of Santa Fe County.

E. This Bond shall be enforceable without the need to have recourse to any judicial or arbitral proceedings.

SIGNED AND SEALED THIS _____ DAY OF _____, 2017.

CONTRACTOR – PRINCIPAL (signature)

By: _____
(Printed name and title)

NOTARY PUBLIC (seal)

My Commission expires: _____

SURETY (signature)

(Printed name and title)

NOTARY PUBLIC (seal)

My Commission expires: _____

SURETY'S Authorized New Mexico Agent

LABOR AND MATERIAL PAYMENT BOND

KNOW ALL MEN BY THESE PRESENT, THAT WE _____ as PRINCIPAL hereinafter called the "PRINCIPAL and _____ as SURETY hereinafter called the "SURETY", are held and firmly bound unto Santa Fe County, a Political Subdivision of the State of New Mexico as OBLIGEE hereinafter called the "COUNTY", for the use and benefit of any claimants as herein below defined, in the amount of _____ (\$.) dollars for the payment whereof PRINCIPAL and SURETY bind themselves, their heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

WHEREAS, the PRINCIPAL has a written contract dated _____, 2017, with the COUNTY to construct an All-Weather Crossing in the Pinon Hills Subdivision, which must be constructed in accordance with drawings and specifications which contract is referenced and made a part hereof, and is hereinafter referred to as the "Contract."

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that, if PRINCIPAL shall promptly make payment to all claimants as hereinafter defined, for all labor and material used or reasonably required for use in the performance of the Contract, then this obligation shall be void; otherwise, it shall remain in full force and effect, subject to the following conditions:

1. A claimant is defined as one having a direct contract with the PRINCIPAL or with a subcontractor of the PRINCIPAL for labor, material, or both, used or reasonably required for use in the performance of the Contract, labor and material being construed to include but not be limited to that part of water, gas, power, light, heat, oil, gasoline, telephone services or rental of equipment directly applicable to the Contract.
2. The above named PRINCIPAL and SURETY hereby jointly and severally agree with the COUNTY that every claimant as herein defined, who has not been paid in full before the expiration of a period of ninety (90) days after the date on which the last of such claimant's work or labor was done or performed, or materials were furnished by such claimant, prosecute a suit to final judgment for such sum or sums as may be justly due claimant, and have execution thereof. The COUNTY shall not be liable for payment of any cost or expenses of any such suit.
3. No suit or action shall be commenced hereunder by any claimant:
 - a. Unless claimant, or other than one having a direct contract with the PRINCIPAL, shall have written notice in the form of an sworn statement to the COUNTY and any one or both of the following: the PRINCIPAL or SURETY above named, within ninety (90) days after such said claim is made or suit filed, stating with substantial accuracy the amount claimed and the name of the party to whom the materials were furnished, or for whom the work or labor was done or performed.
 - b. Such notice shall be served by mailing the same by registered mail or certified mail, postage prepaid, in an envelope addressed to the COUNTY, PRINCIPAL or SURETY, at any place where an office is regularly maintained by said COUNTY, PRINCIPAL or SURETY for the transaction of business, or served in any manner in which legal process may be served in the State in which the aforesaid project is located, save that such service need not be made by a public officer.

4. Any suit under this Labor and Material Bond must be instituted in accordance with the statute of limitation under Section 37-1-3 NMSA 1978.
5. No right of action shall accrue on this Bond to or for the use of any person or corporation other than subcontractors or sub-subcontractors of the said Contract between PRINCIPAL and Santa Fe County named herein.

SIGNED AND SEALED THIS _____ DAY OF _____, 2017.

CONTRACTOR – PRINCIPAL (signature)

By: _____
(Printed name and title)

NOTARY PUBLIC (seal)

My Commission expires: _____

SURETY (signature)

(Printed name and title)

NOTARY PUBLIC (seal)

My Commission expires: _____

SURETY'S Authorized New Mexico Agent

SUBCONTRACTOR LISTING

1. To be fully executed and included with Bid as a condition of the Bid (13-4-31 through 13-4-42 NMSA 1978).
2. The Bidder shall list the Subcontractor's Name, the City or County of the Place of Business and the Category of Work that will be done by each Subcontractor. The awarded contractor will be required to provide signatures for all subcontractors listed on the subcontractor listing form.
3. For *all trades* that are listed "**only one bid received**" or "**no bid received**" the Contractor must list the names and telephone numbers of all businesses contacted for a quote.
4. For the purposes of this Project **ALL SUBS** need to be listed. Subs who's work will be \$60,000 or more **MUST** have an **ACTIVE NM Dept. of Workforce Solutions registration number PRIOR TO THE BID OPENING DATE**. All subcontractors must be listed on the subcontractor form regardless of the amount of the job they will be performing. All subcontractors are required to adhere to the wage rates (no matter the dollar amount of the work performed).

Trade:	Name of Subcontractor:	
Dollar amount of bid:		
Address:		
Telephone No:	License No:	NM Dept of Workplace Solutions Registration No.
Signature of Subcontractor (To be obtained after award of contract):		
If "no bid received" or "only one bid received" list name and telephone number of businesses contacted: 1. 2. 3.		
Trade:	Name of Subcontractor:	
Dollar amount of bid:		
Address:		
Telephone No:	License No:	NM Dept of Workplace Solutions Registration No.
Signature of Subcontractor (To be obtained after award of contract):		
If "no bid received" or "only one bid received" list name and telephone number of businesses contacted: 1. 2. 3.		
Trade:		

		Name of Subcontractor:	
Dollar amount of bid:			
Address:			
Telephone No:		License No:	NM Dept of Workplace Solutions Registration No.
Signature of Subcontractor (To be obtained after award of contract):			
If "no bid received" or "only one bid received" list name and telephone number of businesses contacted: 1. 2. 3.			
Trade:		Name of Subcontractor:	
Dollar amount of bid:			
Address:			
Telephone No:		License No:	NM Dept of Workplace Solutions Registration No.
Signature of Subcontractor (To be obtained after award of contract):			
If "no bid received" or "only one bid received" list name and telephone number of businesses contacted: 1. 2. 3.			
Trade:		Name of Subcontractor:	
Dollar amount of bid:			
Address:			
Telephone No:		License No:	NM Dept of Workplace Solutions Registration No.
Signature of Subcontractor (To be obtained after award of contract):			
If "no bid received" or "only one bid received" list name and telephone number of businesses contacted: 1. 2. 3.			

APPENDIX A

ACKNOWLEDGEMENT OF RECEIPT FORM
IFB# 2018-0143-PW/KE
ALL-WEATHER CROSSING AT
PINON HILLS SUBDIVISION

In acknowledgement of receipt of this Invitation for Bids the undersigned agrees that it has received a complete copy, beginning with the title page, and ending with the contractual documents. Completed forms must be submitted to Karen K. Emery, no later than *Tuesday, November 14, 2017* to receive any addenda for this solicitation.

Only Bidders that return this form in a timely manner will receive copies of addenda to this IFB. (Please type or print clearly)

FIRM: _____

REPRESENTED BY: _____

TITLE: _____ PHONE NO: _____

E-MAIL: _____ FAX NO: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP CODE: _____

SIGNATURE: _____ DATE: _____

This name and address will be used for all correspondence related to the Invitation For Bids.

- Firm does intend to respond to this Invitation for Bid.
- Firm does NOT intend to respond to this Invitation for Bid.

Karen K. Emery, Senior Procurement Specialist
Santa Fe County Purchasing Division
142 W. Palace Avenue (Second Floor)
Santa Fe, New Mexico 87501
(505) 992-6759
kkemery@santafecountynm.gov

APPENDIX B

CAMPAIGN CONTRIBUTION DISCLOSURE

Pursuant to the Procurement Code, Sections 13-1-28, et seq., NMSA 1978 and NMSA 1978, § 13-1-191.1 (2006), as amended by Laws of 2007, Chapter 234, any prospective contractor seeking to enter into a contract with any state agency or local public body **for professional services, a design and build project delivery system, or the design and installation of measures the primary purpose of which is to conserve natural resources** must file this form with that state agency or local public body. This form must be filed even if the contract qualifies as a small purchase or a sole source contract. The prospective contractor must disclose whether they, a family member or a representative of the prospective contractor has made a campaign contribution to an applicable public official of the state or a local public body during the two years prior to the date on which the contractor submits a proposal or, in the case of a sole source or small purchase contract, the two years prior to the date the contractor signs the contract, if the aggregate total of contributions given by the prospective contractor, a family member or a representative of the prospective contractor to the public official exceeds two hundred and fifty dollars (\$250) over the two year period.

Furthermore, the state agency or local public body may cancel a solicitation or proposed award for a proposed contract pursuant to Section 13-1-181 NMSA 1978 or a contract that is executed may be ratified or terminated pursuant to Section 13-1-182 NMSA 1978 of the Procurement Code if: 1) a prospective contractor, a family member of the prospective contractor, or a representative of the prospective contractor gives a campaign contribution or other thing of value to an applicable public official or the applicable public official's employees during the pendency of the procurement process or 2) a prospective contractor fails to submit a fully completed disclosure statement pursuant to the law.

The state agency or local public body that procures the services or items of tangible personal property shall indicate on the form the name or names of every applicable public official, if any, for which disclosure is required by a prospective contractor.

THIS FORM MUST BE INCLUDED IN THE REQUEST FOR PROPOSALS AND MUST BE FILED BY ANY PROSPECTIVE CONTRACTOR WHETHER OR NOT THEY, THEIR FAMILY MEMBER, OR THEIR REPRESENTATIVE HAS MADE ANY CONTRIBUTIONS SUBJECT TO DISCLOSURE.

The following definitions apply:

“Applicable public official” means a person elected to an office or a person appointed to complete a term of an elected office, who has the authority to award or influence the award of the contract for which the prospective contractor is submitting a competitive sealed proposal or who has the authority to negotiate a sole source or small purchase contract that may be awarded without submission of a sealed competitive proposal.

“Campaign Contribution” means a gift, subscription, loan, advance or deposit of money or other thing of value, including the estimated value of an in-kind contribution, that is made to or received by an applicable public official or any person authorized to raise, collect or

expend contributions on that official’s behalf for the purpose of electing the official to statewide or local office. “Campaign Contribution” includes the payment of a debt incurred in an election campaign, but does not include the value of services provided without compensation or unreimbursed travel or other personal expenses of individuals who volunteer a portion or all of their time on behalf of a candidate or political committee, nor does it include the administrative or solicitation expenses of a political committee that are paid by an organization that sponsors the committee.

“**Family member**” means spouse, father, mother, child, father-in-law, mother-in-law, daughter-in-law or son-in-law of (a) a prospective contractor, if the prospective contractor is a natural person; or (b) an owner of a prospective contractor.

“**Pendency of the procurement process**” means the time period commencing with the public notice of the request for proposals and ending with the award of the contract or the cancellation of the request for proposals.

“**Prospective contractor**” means a person or business that is subject to the competitive sealed proposal process set forth in the Procurement Code or is not required to submit a competitive sealed proposal because that person or business qualifies for a sole source or a small purchase contract.

“**Representative of a prospective contractor**” means an officer or director of a corporation, a member or manager of a limited liability corporation, a partner of a partnership or a trustee of a trust of the prospective contractor.

Name(s) of Applicable Public Official(s) if any: _____
(Completed by State Agency or Local Public Body)

DISCLOSURE OF CONTRIBUTIONS BY PROSPECTIVE CONTRACTOR:

Contribution Made By: _____

Relation to Prospective Contractor: _____

Date Contribution(s) Made: _____

Amount(s) of Contribution(s) _____

Nature of Contribution(s) _____

Purpose of Contribution(s) _____

(Attach extra pages if necessary)

Signature

Date

Title (position)

--OR--

NO CONTRIBUTIONS IN THE AGGREGATE TOTAL OVER TWO HUNDRED FIFTY DOLLARS (\$250) WERE MADE to an applicable public official by me, a family member or representative.

Signature

Date

Title (Position)

APPENDIX C
Resident Veterans Preference Certification

_____ (NAME OF CONTRACTOR) hereby certifies the following in regard to application of the resident veterans' preference to this procurement.

Please check the box below:

I declare under penalty of perjury that my business prior year revenue starting January 1 ending December 31 is up to \$3M allowing me the 10% preference discount on this solicitation. I understand that knowingly giving false or misleading information about this fact constitutes a crime.

“I agree to submit a report or reports to the State Purchasing Division of the General Services Department declaring under penalty of perjury that during the last calendar year starting January 1 and ending on December 31, the following to be true and accurate:

“In conjunction with this procurement and the requirements of this business application for a Resident Veteran Business Preference/Resident Veteran Contractor Preference under Sections 13-1-21 or 13-1-22 NMSA 1978, which awarded a contract which was on the basis of having such veterans preference, I agree to report to the State Purchasing Division of the General Services Department the awarded amount involved. I will indicate in the report the award amount as a purchase from a public body or as a public works contract from a public body as the case may be.”

“I understand that knowingly giving false or misleading information on this report constitutes a crime”.

I declare under penalty of perjury that this statement is true to the best of my knowledge. I understand that giving false or misleading statements about material fact regarding this matter constitutes a crime.

(Signature of Business Representative)*

(Date)

*Must be an authorized signatory of the Business.

The representations made in checking the box constitutes a material representation by the business that is subject to protest and may result in denial of an award or un-award of the procurement involved if the statements are proven to be incorrect.

SIGNED AND SEALED THIS _____ DAY OF _____, 2017.

NOTARY PUBLIC

My Commission Expires:

APPENDIX D
NOTICE TO CONTRACTORS

NOTICE TO CONTRACTORS
SANTA FE COUNTY PROJECT NO. 0132
Pinon Hills All Weather Crossing
November 2017

CONTRACT TIME

This Contract shall be governed by a mandatory completion date allowed by the Owner to the Contractor to substantially complete the project as defined in Section 101.4 – Terms and Definitions of the NMDOT Standard Specifications.

Mandatory Completion Date:

The mandatory completion date for this contract is **June 30, 2018** to commence on the date Notice to Proceed is granted or as directed by Santa Fe County.

Substantial Completion and Final Payment:

All work associated with construction shall be built to Substantial Completion no later than mandatory completion date or as directed by Santa Fe County in accordance with the definition of “Substantial Completion” per Section 101.4 - Terms and Definitions of the NMDOT Standard Specifications.

Cumulative Imposition of Liquidated Damages

If the Contractor fails to meet the Mandatory Completion Date, described above, within the timeframe allotted and does not exercise the right to an extension of contract time as defined in Section 108.6 – Determination and Extension of Contract Time, then the Contractor shall be assessed liquidated damages in accordance with the Agreement between Owner and Contractor for Construction Contract.

Progress Schedule

The Contractor shall submit to the project manager and the County a progress schedule (CPM) to the County two (2) weeks prior to the preconstruction conference for review and approval prior to initiating any work. The critical path project schedule is to include logic points, or production levels, used in its development and shall include Contract & Substantial Completion Time. The schedule shall be updated monthly or as requested by the project manager.

END OF NOTICE

NOTICE TO CONTRACTORS
SANTA FE COUNTY PROJECT NO. 0132
Pinon Hills All Weather Crossing
November 2017

COORDINATION WITH UTILITY COMPANIES

WORK DESCRIPTION

Utility relocations are anticipated on this project. The Contractor's work shall include coordination efforts with respective utility owners, including the time required for utility facilities located within the project limits to be located and relocated if necessary. This Notice to Contractor does not change the requirements as outlined in the Standard Specifications for Highway and Bridge Construction regarding utilities.

CONSTRUCTION REQUIREMENTS

The following utility facilities exist within the public right-of-way. The Contractor shall make the necessary arrangements with the utility owner(s), and shall submit a scope of work to be accomplished including an associative schedule to complete the work. This shall be officially acknowledged and verified by a representative of the utility owner, and a copy provided to the Project Manager. The Contractor shall provide construction staking and layout for the utility relocations and/or installations if required. After the staking and layout have been completed, and specific work areas are made available to the utility, the utility facility will be relocated within the allotted number of working days agreed to by the Owner.

Utility Owner	Contact & Ph. No.	Location	Schedule
Public Service Co. of New Mexico –	Tom Dominguez (505) 473-3209		Protect in place or relocate as needed
Century Link	Doug Dale (505) 473-2194		Protect in place or relocate as needed
New Mexico Gas Company	Frank Aragon (505) 473-7202		Protect in place or relocate as needed.

OTHER REQUIREMENTS

Utilities shown on the construction plans, which will not be relocated, shall require the Contractor to take the necessary precautions to protect the utility from damage caused by construction operations. If any such utility is damaged, the Contractor shall bear the cost of repair to the satisfaction of the utility owner.

END OF NOTICE

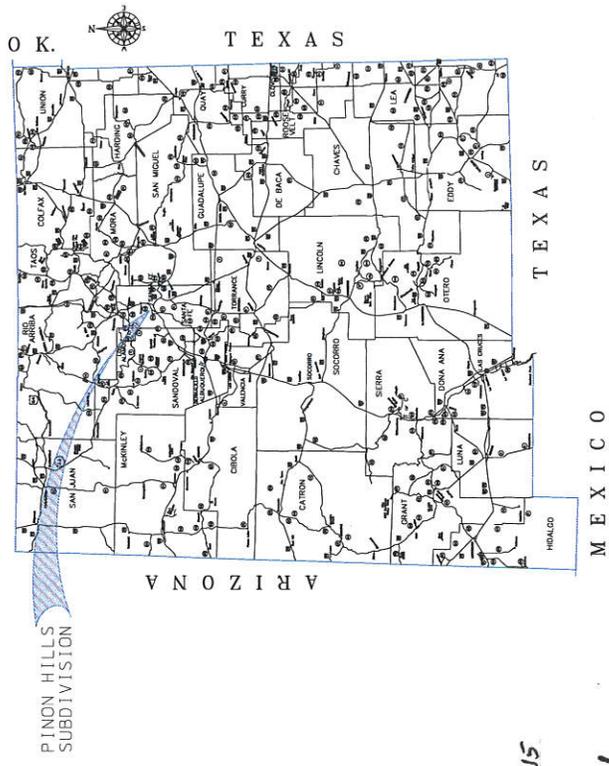
**APPENDIX E
PLANS AND SPECIFICATIONS**

**SANTA FE COUNTY PUBLIC WORKS DEPARTMENT
SANTA FE COUNTY**

CONSTRUCTION PLANS

PINON HILLS ALL WEATHER CROSSING

SANTA FE COUNTY PROJECT NUMBER 0132



SANTA FE COUNTY PUBLIC WORKS
424 N.M.-599 HW. MEXICO 87504
PHONE: 505-992-3010

LOUIS BERGER
424 N.M. STREET, SUITE M-1
SANTA FE, NEW MEXICO 87505
PHONE: 505-989-7788
FAX: 505-989-7787



APPROVED *[Signature]*
SANTA FE COUNTY
LAND USE DEPARTMENT

DATE 12/4/15

APPROVED *[Signature]*
SANTA FE COUNTY
PUBLIC WORKS DIRECTOR

DATE 12/4/15

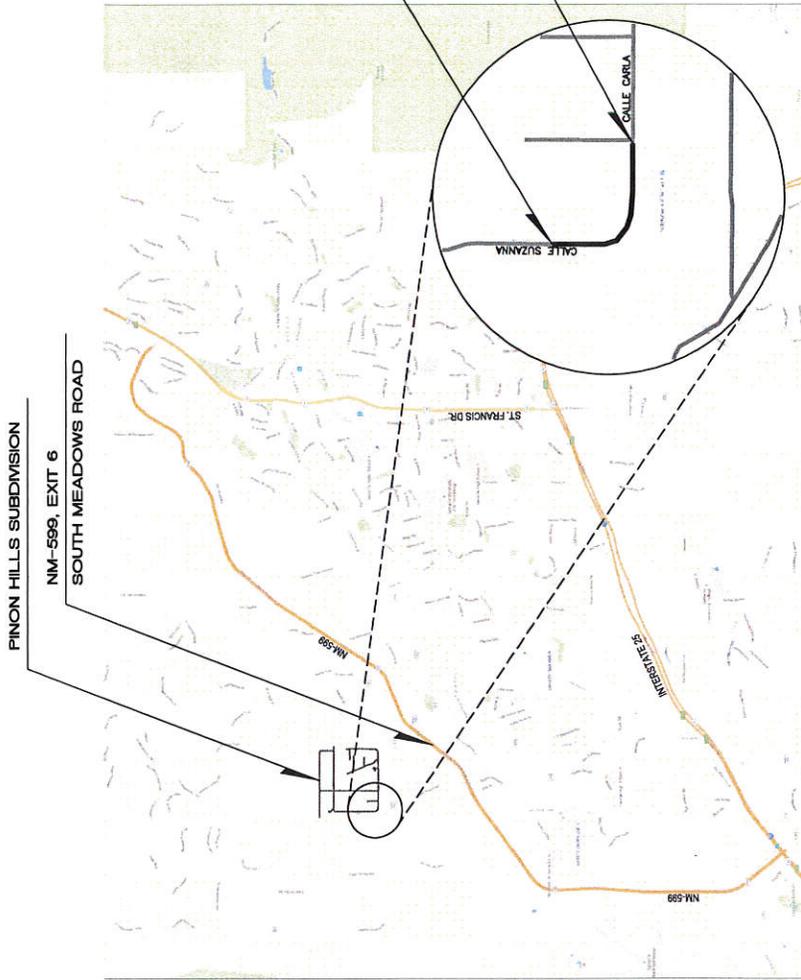
TOTAL LENGTH OF PROJECT 0.133 MILES

**CONVENTIONAL
ON PLAN**

- GPS STATION
- BENCHMARK
- RIGHT-OF-WAY MARKER
- EXISTING RIGHT-OF-WAY LINE
- PRESENT TRAVELED ROAD
- PRIVATE PROPERTY LINE
- EXISTING 5 FOOT CONTOUR
- EXISTING 1 FOOT CLOSED CONTOUR
- EXISTING SPOT ELEVATION
- EXISTING FLOW LINE
- EXISTING FENCE LINE
- EXISTING CMP
- PROPOSED RIGHT-OF-WAY LINE
- PROPOSED FENCE LINE
- CENTERLINE OF CONSTRUCTION
- PROPOSED ROADWAY PAVEMENT
- CUT SLOPE
- FILL SLOPE
- PROPOSED GUARD RAIL & END SECTION

**SYMBOLS
ON PROFILE**

- VERTICAL CURVE
- EXISTING CULVERT PIPE
- PROPOSED CULVERT PIPE



VICINITY MAP



BOOK NUMBERS

NO. BOOK NO. FOR THIS PROJECT
DATA WAS ELECTRONICALLY COLLECTED

THESE PLANS WERE PREPARED
AND/OR ASSEMBLED BY:
LOUIS BERGER GROUP, INC.
(505) 989-7788



TYPE OF CONSTRUCTION:
CONCRETE BOX CULVERT, ROADWAY,
EARTHWORK, METAL BARRIER, AND
PIP-RAP

NO.	DESCRIPTION	DATE	BY

THE 2014 EDITION OF THE NEW MEXICO DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION AND AN PROJECT SPECIFIC CONTRACT DOCUMENTS SHALL GOVERN CONSTRUCTION OF THIS PROJECT.



INDEX OF NMDOT STANDARD DRAWINGS

NUMBER	DESCRIPTION	REV. DATE	SERIAL
1-SHEETS	COVER	08/27/2008	210-01-111
1-1	VICINITY MAP	04/09/2007	511-59-112
1-2	INDEX OF SHEETS	04/09/2007	511-59-212
1-3	SUMMARY OF QUANTITIES		
1-4	GENERAL NOTES		
1-5			
	SUBTOTAL = 5 SHEETS		
2-SHEETS	TYPICAL SECTIONS		
2-1	MISCELLANEOUS QUANTITIES		
2-2	SUPERELEVATION DIAGRAM		
2-3	GRAVING PLAN		
2-4	TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES		
2-5			
	SUBTOTAL = 5 SHEETS		
3-SHEETS	SURVEY CONTROL LAYOUT		
3-0	PLAN AND PROFILE		
3-1			
	SUBTOTAL = 2 SHEET		
4-SHEETS	TURNOUT PROFILES		
4-1 to 4-2			
	SUBTOTAL = 2 SHEETS		
5-SHEETS	STRUCTURE LOCATION PLAN		
5-1			
	SUBTOTAL = 1 SHEET		
6-SHEETS	TRAFFIC NOTES		
6-1	TRAFFIC CONTROL SIGNFACE DETAILS		
6-2	TRAFFIC CONTROL PLAN		
6-3			
	SUBTOTAL = 3 SHEETS		
7-SHEETS	PERMANENT SIGNING & STRIPING		
7-1	PERMANENT SIGNING & STRIPING QUANTITIES		
7-2			
	SUBTOTAL = 2 SHEET		
8-SHEETS	(NOT USED)		
	SUBTOTAL = 0 SHEETS		
9-SHEETS	(NOT USED)		
	SUBTOTAL = 0 SHEETS		
10-SHEETS	STRUCTURE PLACEMENT SECTION		
10-1			
	SUBTOTAL = 1 SHEET		
11-SHEETS	EXISTING UTILITY LAYOUT		
11-1			
	SUBTOTAL = 1 SHEET		
PHX-SHEETS	CROSS SECTIONS		
PHX-1 to PHX-24			
	SUBTOTAL = 24 SHEET		
	SUBTOTAL = 46 SHEETS		



INDEX OF SHEETS

NUMBER	DESCRIPTION	REV. DATE	SERIAL
	EXCAVATION AND BACKFILL FOR BRIDGES, WALLS AND CBCS	08/27/2008	210-01-111
	CONCRETE BOX CULVERT INDEX OF SHEETS EXPLANATION OF USE OF DRAWINGS	04/09/2007	511-59-112
	CONCRETE BOX CULVERT EXAMPLE OF USE OF DRAWINGS	04/09/2007	511-59-212
	CONCRETE BOX CULVERT DOUBLE OPENING - DESIGN FILL "X" 0-10 FT STRUCTURAL SECTIONS AND REBAR	04/09/2007	511-62-112
	CONCRETE BOX CULVERT DOUBLE OPENING - DESIGN FILL "X" 0-10 FT DIMENSIONS AND REBAR SCHEDULE	04/09/2007	511-64-113
	CBC TRIPLE AND QUADRUPLER OPENING - DESIGN FILL "X" 0-10 FT STRUCTURAL SECTIONS AND REBAR	04/09/2007	511-66-116
	CBC TRIPLE AND QUADRUPLER OPENING - DESIGN FILL "X" 0-10 FT DIMENSIONS AND REBAR SCHEDULE	04/09/2007	511-68-218
	CBC HEADCUTOFF WALLS - ALL DESIN FILLS - 0" 15" 30" 45" SKEWS STRUCTURAL SECTIONS AND REBAR	04/09/2007	511-68-218
	CBC HEADCUTOFF WALLS - ALL DESIN FILLS - 0" 15" 30" 45" SKEWS CBC EXTENSIONS/MULTI-BARRELS CBC	04/09/2007	511-68-218
	CBC HEADCUTOFF WALLS - ALL DESIN FILLS - 0" 15" 30" 45" SKEWS CBC EXTENSIONS/MULTI-BARRELS CBC	04/09/2007	511-68-218
	CONCRETE BOX CULVERT EXTENSION ALL DESIGN FILLS - ALL SHEETS MISCELLANEOUS DETAILS & BACKFILL	04/09/2007	511-66-516
	CONCRETE BOX CULVERT WINGWALL & OUTLET APRON ALL SKEWS PLAN, PERSPECTIVE & DIMENSIONS	04/09/2007	511-67-112
	CONCRETE BOX CULVERT WINGWALL & OUTLET APRON ALL SKEWS STRUCTURAL SECTIONS AND REBAR	04/09/2007	511-67-212
	WIRE ENCLOSE RIPRAP CLASS "A"	11/16/2009	602-01-111
	W-BEAM GUARDRAIL	05/06/2014	606-GR31-1720
	THREE BEAM GUARDRAIL	05/06/2014	606-GR31-2220
	BEAM GUARDRAIL ELEMENTS	05/06/2014	606-GR31-3020
	BEAM GUARDRAIL POSTS AND BLOCKS	05/06/2014	606-GR31-4020
	GUARDRAIL POST DETAILS IN ROCK FORMATION & IN MOW STRIP APPLICATION	05/06/2014	606-GR31-4520
	TYPICAL INSTALLATION AND SURFACING DETAILS	05/06/2014	606-GR31-5020
	END TREATMENT TL-3 END TERMINAL	05/06/2014	606-GR31-6020
	END TREATMENT TL-3 END TERMINAL	05/06/2014	606-GR31-6520
	END TREATMENT W-BEAM END ANCHOR & THREE BEAM END ANCHOR	05/06/2014	606-GR31-1020
	END TREATMENT DRIVEWAY END ANCHOR	05/06/2014	606-GR31-1120
	END TREATMENT THREE BEAM END ANCHOR DETAILS	05/06/2014	606-GR31-1220
	END TREATMENT DRIVEWAY END ANCHOR DETAILS	05/06/2014	606-GR31-1320
	CURVED GUARDRAIL DETAILS	05/06/2014	606-GR31-1420
	MEDIAN PROTECTION SYSTEM	05/06/2014	606-GR31-1520
	DRAINAGE STRUCTURE PROTECTION SYSTEM	05/06/2014	606-GR31-1620
	TRANSITION - METAL BARRIER TO RIGID BARRIER	05/06/2014	606-GR31-1720
	EXISTING BEAM GUARDRAIL TO 31" BEAM GUARDRAIL TRANSITION	05/06/2014	606-GR31-1720
	THREE BEAM GUARDRAIL END SECTIONS	05/06/2014	606-GR31-1820
	W-BEAM GUARDRAIL END SECTIONS	05/06/2014	606-GR31-2020
	BARBED WIRE AND WOVEN WIRE FENCE PLACEMENT	08/16/2013	607-01-114
	BARBED WIRE AND WOVEN WIRE FENCE PLACEMENT	11/29/2004	607-01-214
	BARBED WIRE AND WOVEN WIRE FENCE PLACEMENT	11/29/2004	607-01-314
	BARBED WIRE AND WOVEN WIRE FENCE PLACEMENT	08/16/2013	607-01-414
	MAILBOXES AND STYLE POSTS, MISCELLANEOUS DETAILS	11/29/2004	667-01-112
	MAILBOX INSTALLATION DETAILS	11/29/2004	667-01-212
	ROAD OBJECT MARKER DETAILS	03/14/2005	703-01-113
	ROAD DELINEATOR - GUIDE DETAILS	01/17/2005	703-01-213
	DELINEATORS & OBJECT MARKERS	01/17/2005	703-01-313

NOTE: STANDARD DRAWINGS LISTED ARE ONLY FOR INFORMATION TO THE CONTRACTOR. IF THERE ARE OTHER STANDARD DRAWINGS NOT LISTED WHICH ARE REQUIRED TO COMPLETE THE WORK, IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY THEM AND UTILIZE ACCORDINGLY.

SANTA FE COUNTY
 PINON HILLS ALL WEATHER CROSSING
 INDEX OF SHEETS

NO.	DESCRIPTION	DATE	BY
	REVISIONS (OR CHANGE NOTICES)		

LOUIS BERGER
2019 GALISTEO ST., SUITE M-1
SANTA FE, NEW MEXICO



ESTIMATED STRUCTURE QUANTITIES

STATION	TO	STRUCTURE	SKEW	CU. YDS	LBS.
SP-1			15' LF	315	78750
PROJECT TOTAL				315	78750
PROJECT USE				315	78750

TEMPORARY EROSION & SEDIMENT CONTROL QUANTITIES

STATION	TO	STATION	COMPOSTED MULCH SOCKS LIN. FT.	CHECK DAM TYPE II LIN. FT.
13+00.00		20+00.00	275	60
SUB-TOTAL USE			275	60

**ITEM NO. 303 140
BASE COURSE 4"**

STATION	TO	STATION	QUANTITY SQ. YD.
13+00.00		20+00.00	1948.00
PROJECT TOTAL			1948.00
PROJECT USE			1948

**ITEM NO. 416 000
MINOR PAVING**

STATION	TO	STATION	QUANTITY SQ. YD.
13+00.00		20+00.00	1810.00
PROJECT TOTAL			1810.00
PROJECT USE			1810

**ITEM NO. 602 000
RIPRAP CLASS A**

STATION	TO	STATION	LOC.	QUANTITY CU. YD.
13+00.00		20+00.00	RT.	57.00
PROJECT TOTAL				57.00
PROJECT USE				57

**ITEM NO. 632 020
CLASS "C" SEEDING**

STATION	TO	STATION	LOC.	QUANTITY ACRE
13+00.00		20+00.00	L.T. & RT.	1.50
PROJECT TOTAL				1.50
PROJECT USE				1.50

STATION	UNCL. EXCAV. (CU. YD.)	EMB (CU. YD.)	SHRINK 20% (CU. YD.)	TOTAL (CU. YD.)	203100 BORROW (CU. YD.)	REMARKS
13+00 TO 20+00	305.00	1,896.00	474.00	2,370.00	2,065.00	EARTHWORK
SUB-TOTAL USE	305.00	1,896.00	474.00	2,370.00	2,065.00	
310					2,070	

**ITEM NO'S: 203000, 203100
EARTHWORK SUMMARY**

STATION	UNCL. EXCAV. (CU. YD.)	EMB (CU. YD.)	SHRINK 20% (CU. YD.)	TOTAL (CU. YD.)	203100 BORROW (CU. YD.)	REMARKS
13+00 TO 20+00	305.00	1,896.00	474.00	2,370.00	2,065.00	EARTHWORK
SUB-TOTAL USE	305.00	1,896.00	474.00	2,370.00	2,065.00	
310					2,070	

CONSTRUCTION ENGINEERING & LUMP SUM ITEMS

ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
201 000	CLEARING AND GRUBBING	LUMP SUM	L.S.
601 000	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LUMP SUM	L.S.
618 000	TRAFFIC CONTROL MANAGEMENT	LUMP SUM	L.S.
621 000	MOBILIZATION	LUMP SUM	L.S.
702 810	TRAFFIC CONTROL DEVICES FOR CONSTRUCTION	LUMP SUM	L.S.
801 000	CONSTRUCTION STAKING BY THE CONTRACTOR	LUMP SUM	L.S.

**ITEM NO'S: 606 001, 606 053
METAL BARRIER SCHEDULE**

STATION	TO	STATION	LOC.	SINGLE FACE W-BEAM GUARDRAIL LIN. FT.	END TREATMENT W-BEAM END ANCHOR EACH
15+85.00		17+00.00	RT.	125.00	2
16+20.00		17+55.00	LT	125.00	2
TOTALS				250.00	4
USE				250	4

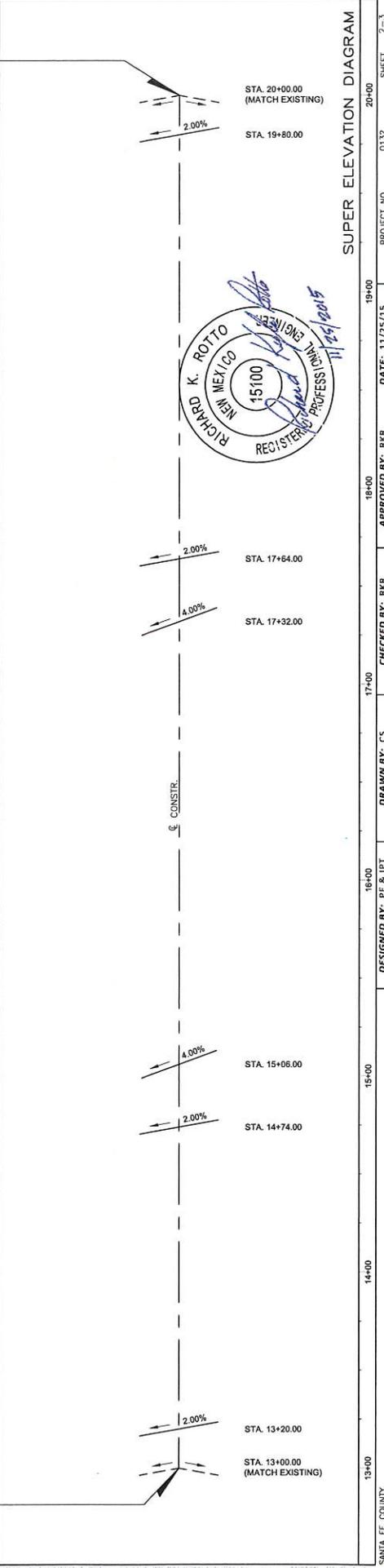
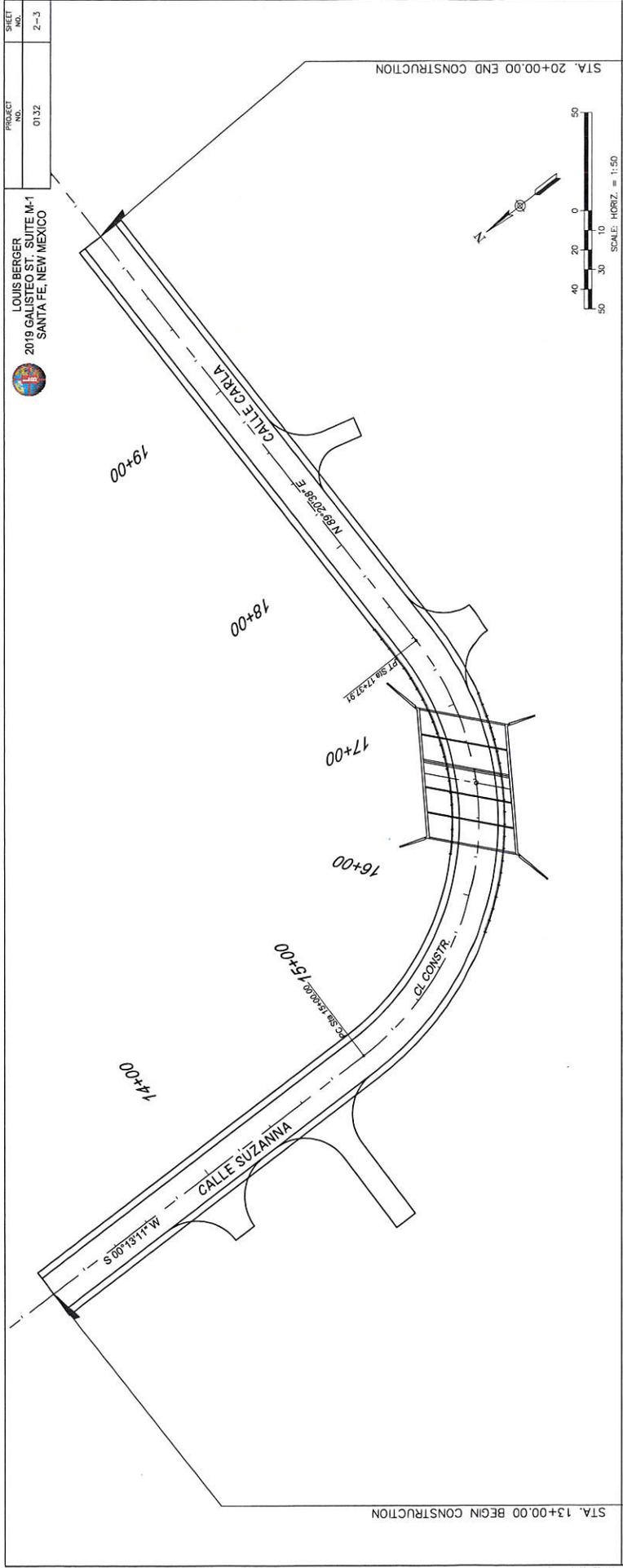
* END TREATMENT SHALL BE SKT-350, TL-2 OR APPROVED EQUAL

SANTA FE COUNTY
PINON HILLS ALL WEATHER CROSSING
MISCELLANEOUS QUANTITIES

NO.	DESCRIPTION	DATE	BY
	REVISIONS (OR CHANGE NOTICES)		

SHEET NO.	2-3
PROJECT NO.	0132

LOUIS BERGER
2019 GALISTEO ST., SUITE M-1
SANTA FE, NEW MEXICO



SUPER ELEVATION DIAGRAM

DESIGNED BY: PE & IPT	16+00	DATE: 11/25/15	19+00
DRAWN BY: CS	17+00	APPROVED BY: RKR	20+00
CHECKED BY: RKR	18+00	PROJECT NO. 0132	SHEET 2-3
APPROVED BY: RKR	19+00		

PROJECT NO. 0132
SHEET NO. 2-4

LOUIS BERGER
2019 GALISTEO ST., SUITE M-1
SANTA FE, NEW MEXICO



REGISTERED PROFESSIONAL ENGINEER
RICHARD K. ROTTO
NEW MEXICO
15100
11/24/2015

DESIGNED BY: PE & IPT
DRAWN BY: CS
CHECKED BY: RKR
APPROVED BY: RKR
DATE: 11/25/15

PROJECT NO. 0132
SHEET NO. 2-4

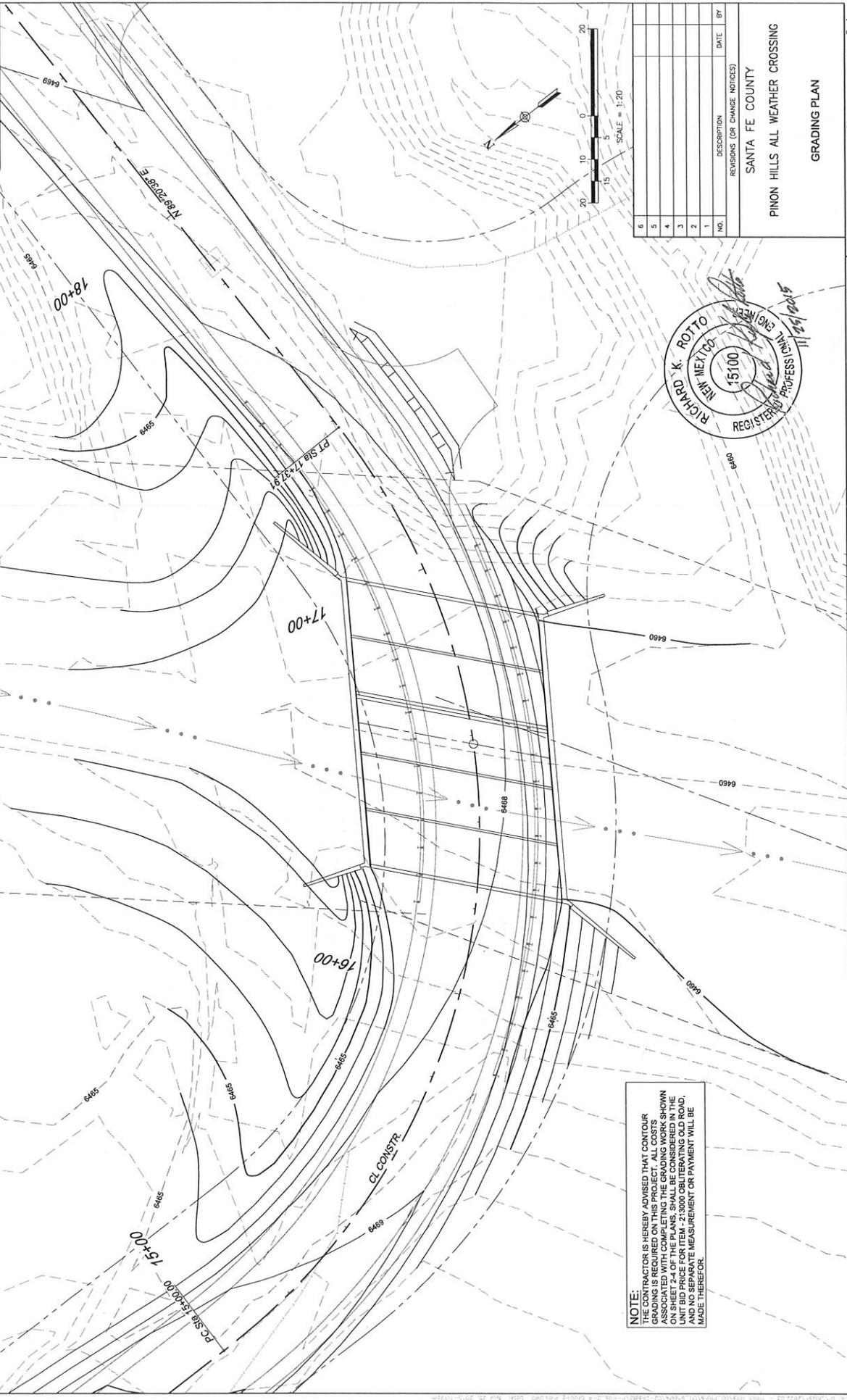
SANTA FE COUNTY
PINON HILLS ALL WEATHER CROSSING
GRADING PLAN

NO. DESCRIPTION DATE BY

REVISIONS (OR CHANGE NOTICES)

SCALE = 1:20

NOTE:
THE CONTRACTOR IS HEREBY ADVISED THAT CONTOUR
ELEVATIONS SHOWN ON THIS PLAN ARE THE GRADING WORK SHOWN
ON SHEET 2-4 OF THE PLANS, SHALL BE CONSIDERED IN THE
UNIT BID PRICE FOR ITEM - 213000 OBLITERATING OLD ROAD,
AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE
MADE THEREFOR.



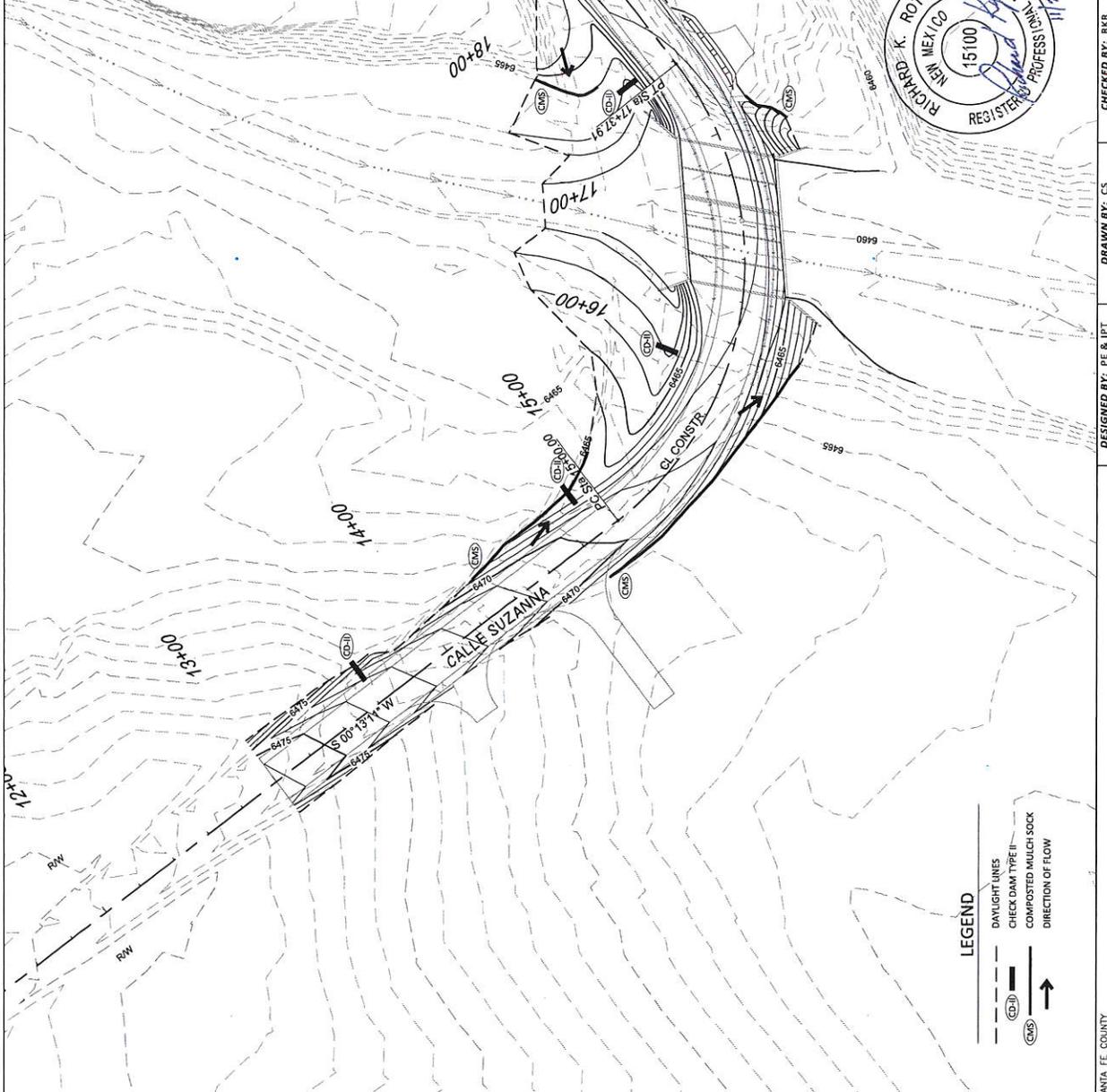
SANTA FE COUNTY

LOUIS BERGER
 2019 GALISTEO ST., SUITE M-1
 SANTA FE, NEW MEXICO



PROJECT NO.
 0132

SHEET NO.
 2-5



LEGEND

- DAYLIGHT LINES
- CHECK DAM TYPE II
- COMPOSTED MULCH SOCK
- DIRECTION OF FLOW

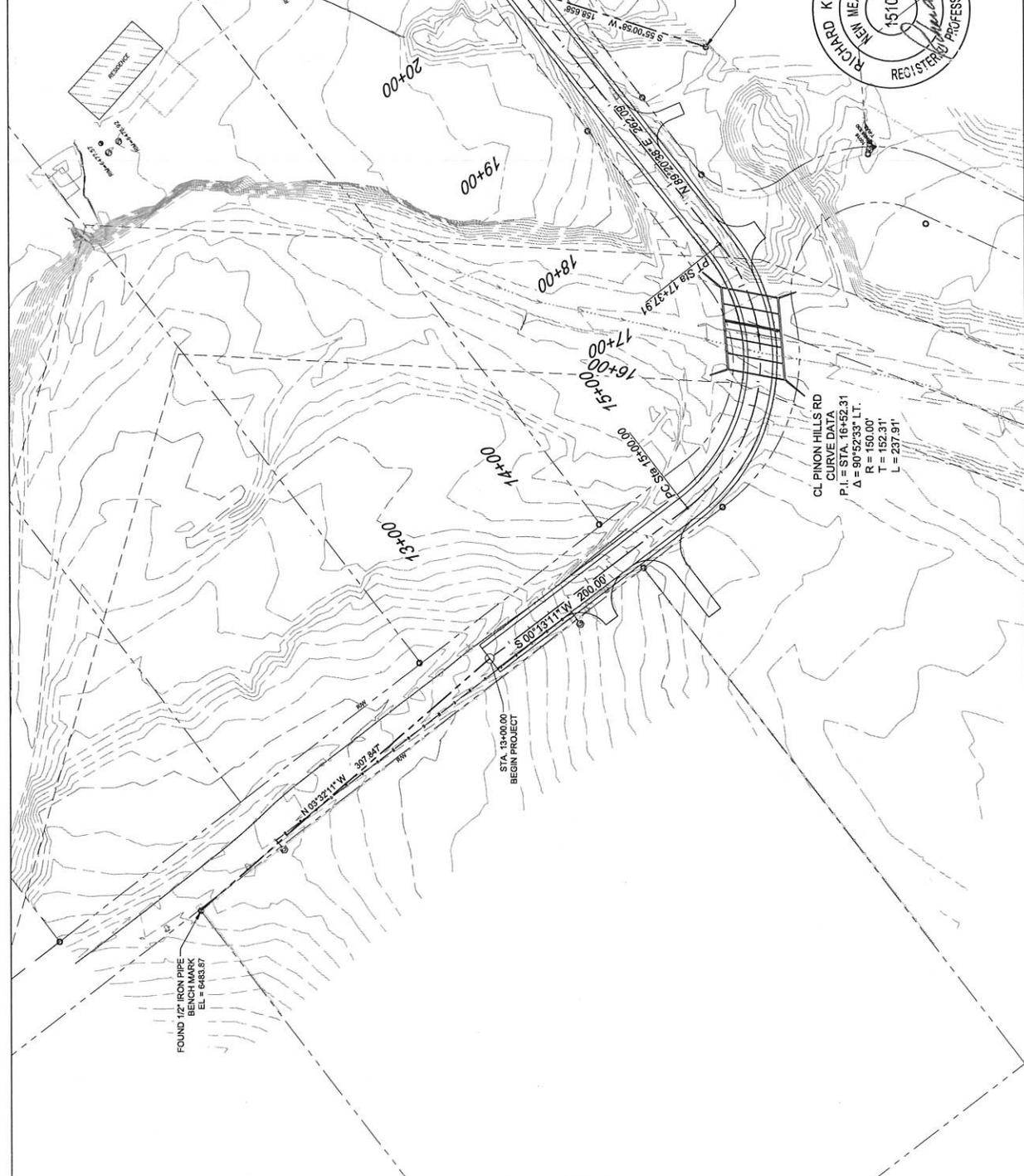
NO.	DESCRIPTION	DATE	BY
6			
5			
4			
3			
2			
1			

REVISIONS (OR CHANGE NOTES)
 SANTA FE COUNTY
 PINON HILLS ALL WEATHER CROSSING
 TEMPORARY EROSION AND
 SEDIMENT CONTROL MEASURES

DESIGNED BY: PE & IPT DRAWN BY: CS CHECKED BY: RKR APPROVED BY: RKR PROJECT NO. 0132 DATE: 11/25/15 SHEET 2-5

PROJECT NO. 0132
 SHEET NO. 3-0

LOUIS BERGER
 2019 GALISTEO ST., SUITE M-1
 SANTA FE, NEW MEXICO



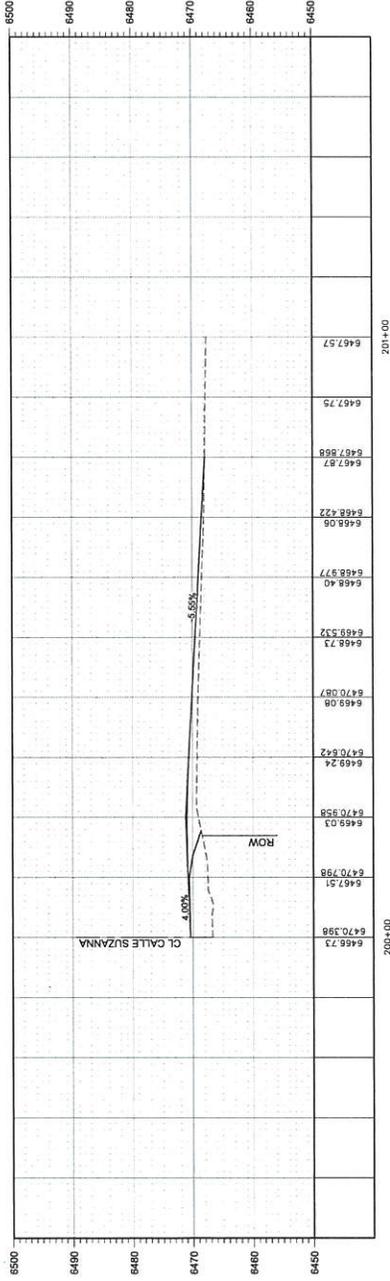
NO.	DESCRIPTION	DATE	BY
6			
5			
4			
3			
2			
1			

SANTA FE COUNTY
 PINON HILLS ALL WEATHER CROSSING
 SURVEY CONTROL LAYOUT



DESIGNED BY: PE & IPT DRAWN BY: CS CHECKED BY: RKR APPROVED BY: RKR DATE: 11/25/15 PROJECT NO. 0132 SHEET 3-0

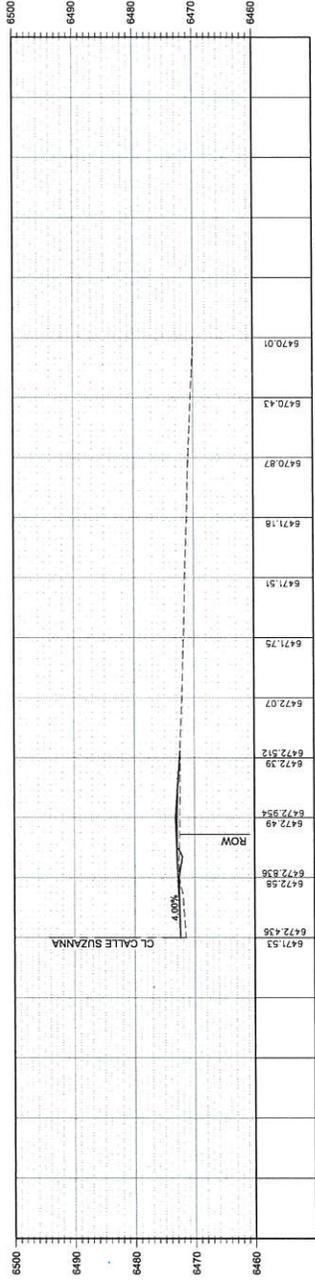
CL Turnout 14+66.43



201+00

BUILD 1'-12" WIDE TURNOUT RT.
PAVE TO ROW, BASE COURSE TO TOUCHDOWN

CL Turnout 13+96.86



101+00

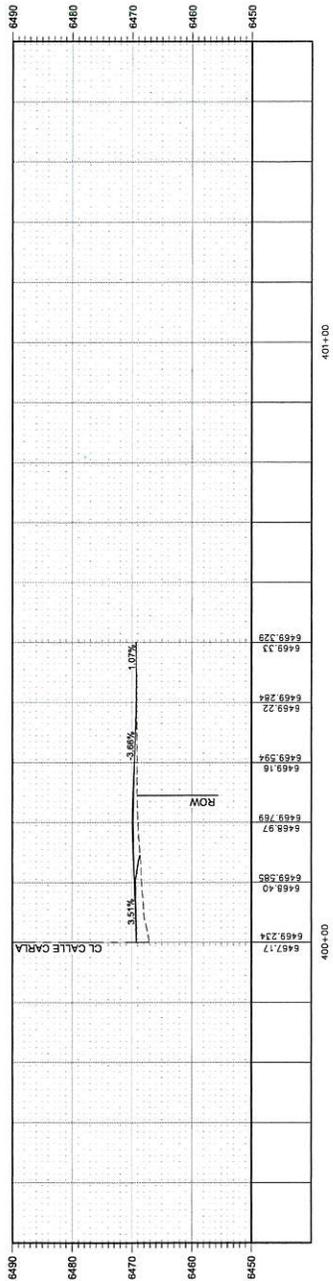
BUILD 1'-27" WIDE TURNOUT RT.
PAVE TO ROW, BASE COURSE TO TOUCHDOWN



NO.	DESCRIPTION	DATE	BY

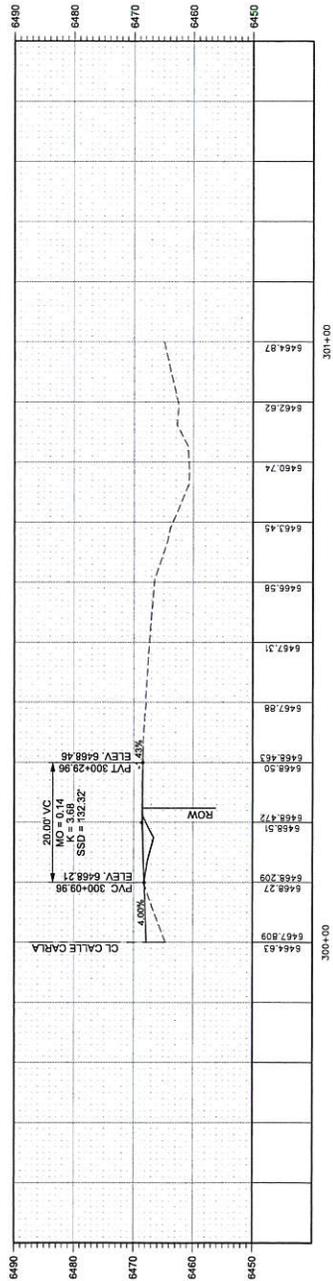
SANTA FE COUNTY
PINON HILLS ALL WEATHER CROSSING
TURNOUT PROFILES

CL Turnout 18+53.76



BUILD 1'-10" WIDE TURNOUT RT.
 PAVE TO RW, BASE COURSE TO TOUCHDOWN

CL Turnout 17+29.11



BUILD 1'-10" WIDE TURNOUT RT.
 PAVE TO RW, BASE COURSE TO TOUCHDOWN



SANTA FE COUNTY
 PINON HILLS ALL WEATHER CROSSING
 TURNOUT PROFILES

NO.	DESCRIPTION	DATE	BY

PROJECT NO. 0132
SHEET NO. 5-1

LOUIS BERGER
2019 GALISTEO ST., SUITE M-1
SANTA FE, NEW MEXICO



SCALE = 1:10

NO. DESCRIPTION DATE BY

REVISIONS (OR CHANGE NOTICES)

SANTA FE COUNTY
PINON HILLS ALL WEATHER CROSSING
STRUCTURE LOCATION PLAN

DESIGNED BY: PE & IPT
DRAWN BY: CS
CHECKED BY: RKR
APPROVED BY: RKR
DATE: 11/25/15

PROJECT NO. 0132
SHEET 5-1

STATION = 17+28.30
OFFSET = 25.30' LT.

STATION = 16+48.11
OFFSET = 45.38' LT.
INVERT ELEV. = 6468.79'

STATION = 17+05.94
OFFSET = 17.13' LT.

STATION = 16+20.38
OFFSET = 38.87' LT.

STATION = 16+27.84
OFFSET = 24.85' LT.

STATION = 16+23.29
OFFSET = 19.83' RT.

STATION = 16+52.88
INVERT ELEV. = 6458.27'

STATION = 16+81.02
OFFSET = 37.03' RT.

STATION = 16+85.44
OFFSET = 21.18' RT.

STATION = 16+14.09
OFFSET = 37.98' RT.

STA. 16+58.00

PT. SIB 17+37.91

16+00

17+00

18' 30"

13' 0"

18' 10"

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13' 0"

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LOUIS BERGER
2019 GALISTEJO ST., SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO.	0132
SHEET NO.	6-1

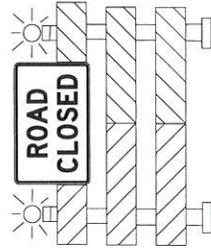
TRAFFIC NOTES:

1. THE CONTRACTOR SHALL USE TYPE VIII OR IX DIAMOND GRADE SHEETING A ON ALL CONSTRUCTION SIGNS.
2. RESPONSIBLE PARTY, THE CONTRACTOR SHALL HAVE A CERTIFIED TRAFFIC CONTROL SUPERVISOR READILY AVAILABLE DURING WORKING HOURS AND ON CALL DURING NON WORKING HOURS TO INSPECT AND MAINTAIN PROJECT TRAFFIC CONTROL, OR AS DIRECTED BY THE PROJECT MANAGER.
3. MUTCD: THE CONTRACTOR SHALL ADHERE TO ALL REQUIREMENTS LISTED IN THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC DEVICES (MUTCD).
4. DEVICE REQUIREMENTS: ALL DEVICES SHALL ADHERE TO THE REQUIREMENTS OF SECTION 702 - TRAFFIC CONTROL DEVICES FOR CONSTRUCTION, IN THE 2014 EDITION OF THE NMDOT SPECIFICATIONS BOOK.
5. CONSTRUCTION SIGNING: ALL CONSTRUCTION SIGNING SHALL BE BLACK ON REFLECTIVE ORANGE UNLESS OTHERWISE SPECIFIED. ALL CONSTRUCTION BARRICADES AND CHANNELIZATION DEVICES SHALL BE ORANGE ON WHITE REFLECTORIZED UNLESS OTHERWISE SPECIFIED.
6. REMOVING/COVERING OF SIGNS: ALL NON-APPLICABLE SIGNING, WITHIN OR IN ADVANCE OF THE WORK ZONE, SHALL BE REMOVED OR COVERED COMPLETELY WITH AN OPAQUE NON-LIGHT TRANSMITTING MATERIAL. ALL REMAINING, NON-APPLICABLE TRAFFIC CONTROL DEVICES ARE TO BE REMOVED AND STORED AT LOCATIONS DESIGNATED BY THE PROJECT MANAGER.
7. CLEANING OF SIGNS: ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT CLEAN THROUGHOUT THE DURATION OF CONSTRUCTION. ANY SIGN THAT IS TAGGED BY GRAFFITI SHALL BE CLEANED WITHIN 24 HOURS OR REMOVED AND REPLACED.
8. TRAFFIC CONTROL PLAN: THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AN APPROVED TRAFFIC CONTROL PLAN, STAMPED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW MEXICO, FOR THIS PROJECT IN ACCORDANCE WITH SPECIAL PROVISION 618 - TRAFFIC CONTROL MANAGEMENT. ALL TRAFFIC CONTROL DEVICES TO BE USED IN THIS PROJECT SHALL COMPLY WITH SECTION 702 - CONSTRUCTION TRAFFIC CONTROL DEVICES OF THE NMDOT STANDARD SPECIFICATIONS FOR HIGHWAY & BRIDGE CONSTRUCTION, 2014 EDITION. THE CONTRACTOR SHALL SUBMIT THE TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL BY THE COUNTY STAFF 1 WEEK PRIOR TO THE PRE-CONSTRUCTION MEETING.
9. TRAFFIC CONTROL DEVICES: ALL TRAFFIC CONTROL DEVICES TO BE USED ON THIS PROJECT SHALL BE CONSIDERED AS INCLUDED UNIT PRICE FOR ITEM 702810 - TRAFFIC CONTROL DEVICES FOR CONSTRUCTION, AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE.
10. TRAFFIC CONTROL PLAN CHANGES: ANY PROPOSED CHANGES TO THE CONSTRUCTION SEQUENCE AND/OR TRAFFIC CONTROL PLAN MUST BE SUBMITTED BY THE CONTRACTOR TO THE PROJECT MANAGER FOR APPROVAL. NO PAYMENT WILL BE MADE FOR ANY ADDITIONAL COST RESULTING FROM CHANGES TO THE CONSTRUCTION SEQUENCE OR TRAFFIC CONTROL PLAN. THE CONTRACTOR SHALL BE REQUIRED TO SUBMIT A LETTER OF JUSTIFICATION FOR THE CHANGES WITH THE FOLLOWING ITEMS INCLUDED:
 - a. A REVISED TRAFFIC CONTROL PLAN INCLUDING A SUMMARY OF QUANTITIES AND A COST ESTIMATE.
 - b. THE REVISED TRAFFIC CONTROL PLAN SHALL BE DRAFTED ON 11 X 17 PAPER AND SEALED BY A LICENSED ENGINEER. THE SUBMITTAL PAPER SHALL MEET CURRENT DRAFTING STANDARDS.
 - c. CHANGES TO THE TRAFFIC CONTROL PLAN MUST BE APPROVED BY THE COUNTY AT LEAST ONE (1) WEEK IN ADVANCE OF IMPLEMENTING CHANGES TO IN THE FIELD.
10. DRAINAGE DURING CONSTRUCTION: THE CONTRACTOR SHALL PROVIDE FOR ADEQUATE DRAINAGE, FREE OF PONDING, WITHIN THE LIMITS OF THE PROJECT DURING CONSTRUCTION. THIS SHALL INCLUDE ROADWAY AND ANY TEMPORARY FACILITIES, ACCESS ROADS, OR DRIVEWAYS CONSTRUCTED FOR THE PROJECT. THIS WORK, WHICH MAY REQUIRE TEMPORARY DRAINAGE CONSTRUCTION, PUMPING, OR OTHER METHODS, WILL BE CONSIDERED INCIDENTAL TO COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE. DIVERSION OF DRAINAGE ONTO PRIVATE PROPERTY WILL NOT BE PERMITTED.
11. ACCESS TO BUSINESSES AND RESIDENCES: THE CONTRACTOR SHALL PROVIDE INGRESS AND EGRESS TO ALL BUSINESSES AND RESIDENTS IMPACTED BY CONSTRUCTION FOR THE DURATION OF THIS PROJECT. THE CONTRACTOR SHALL SCHEDULE ALL ACCESS CLOSURES WITH THE PROJECT MANAGER AT LEAST ONE WEEK PRIOR TO CLOSURE. THE CONTRACTOR SHALL NOTIFY ALL BUSINESSES AND RESIDENCES THAT WILL BE IMPACTED BY PROPOSED CLOSURE AT LEAST 48 HOURS IN ADVANCE. CLOSURES SHALL BE NO LONGER THAN 24 HOURS.
12. EXISTING MAIL BOXES: THE CONTRACTOR SHALL COORDINATE WITH MAIL RECIPIENTS/OWNERS AND THE POSTAL MASTER FOR THE REMOVAL AND/OR RESETTING OF MAIL BOXES.

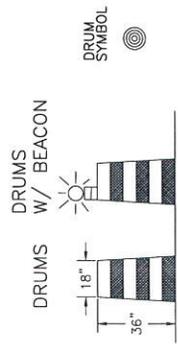


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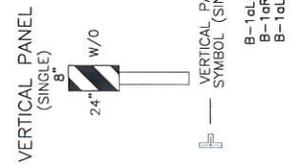
REVISIONS (OR CHANGE NOTICES)
SANTA FE COUNTY
PINON HILLS ALL WEATHER CROSSING
TRAFFIC NOTES



1-TYPE III BARRICADES
B1-1(RL)-96 w/ R11-2-48

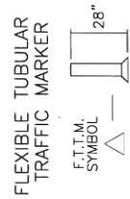


ALL DRUMS SHALL COMPLY WITH THE SPECIFICATIONS OF SECTION 702 - TRAFFIC CONTROL DEVICES FOR CONSTRUCTION, INSHIELD STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, CURRENT EDITION.



VERTICAL PANEL (SINGLE) SYMBOL (SINGLE) B-1aL-8 (STRIPE LEFT) B-1aR-8 (STRIPE RIGHT) B-1aLR-8 (STRIPE LEFT & RIGHT)

VERTICAL PANEL (BACK TO BACK) SYMBOL (BACK TO BACK) w/o VERTICAL PANEL SYMBOL (BACK TO BACK)



FLEXIBLE TUBULAR TRAFFIC MARKER

F.T.T.M. SYMBOL

SIGN FACE DETAILS * FOR CONSTRUCTION / MAINTENANCE

- EACH SIGN FACE SHOWN ON PLANS SHALL MEET THE SPECIFICATIONS IN THE MUTCD (CURRENT EDITION) OR THE MUTCD (CURRENT EDITION) REFER TO CURRENT EDITIONS FOR PROPER ARRANGEMENT AND SPACING OF LETTERS, LETTER HEIGHT, LETTER SERIES, SYMBOLS AND BORDERS.
- SEE MUTCD (CURRENT EDITION) FOR ADDITIONAL SIGNS.



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REVISIONS (OR CHANGE NOTICES)
SANTA FE COUNTY
PINON HILLS ALL WEATHER CROSSING
TRAFFIC CONTROL
SIGNFACE DETAILS

PROJECT NO. 0132
SHEET NO. 6-3

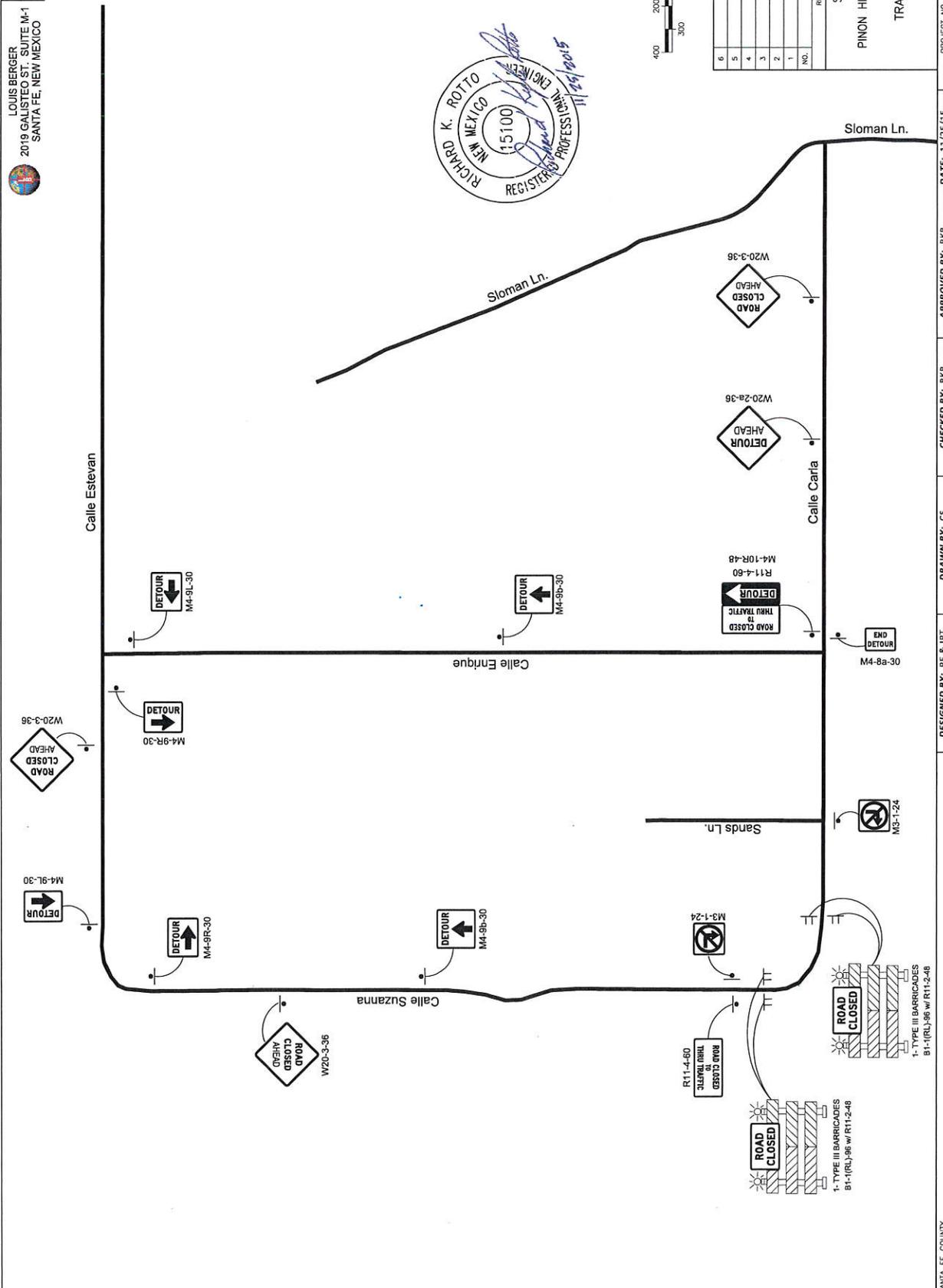
LOUIS BERGER
2019 GALVESTON SUITE M-1
SANTA FE, NEW MEXICO



SCALE: 1" = 400'

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REVISIONS (OR CHANGE NOTICES)
SANTA FE COUNTY
PINON HILLS ALL WEATHER CROSSING
TRAFFIC CONTROL PLAN



ROAD CLOSED
1-TYPE III BARRICADES
B1-1(RL)-96 w/ R11-2-48

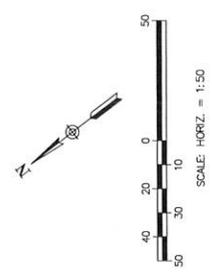
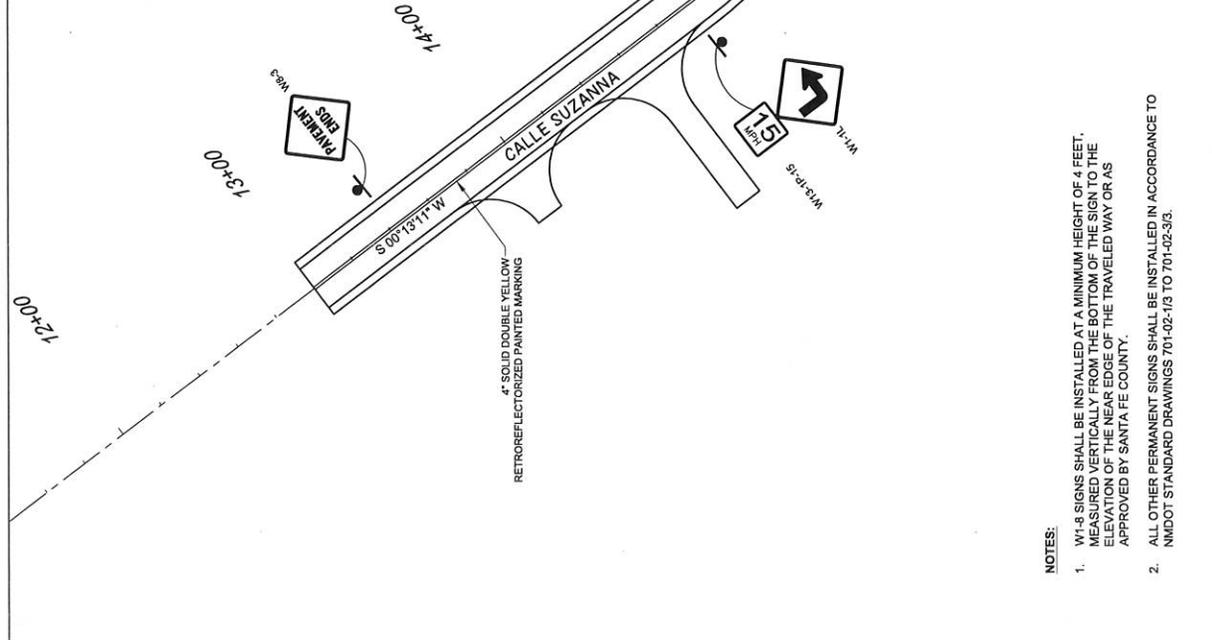
ROAD CLOSED
1-TYPE II BARRICADES
B1-1(RL)-96 w/ R11-2-48

DESIGNED BY: PE & IPT DRAWN BY: CS CHECKED BY: RKR APPROVED BY: RKR PROJECT NO. 0132 DATE: 11/25/15 SHEET 6-3

LOUIS BERGER
 2019 GALISTEO ST, SUITE M-1
 SANTA FE, NEW MEXICO



- SIGNFACE DETAILS**
- 30" PAVEMENT ENDS (W6-3-30, 30" x 30", BLK/YLW)
 - 30" RIGHT TURN (W1-1R-30, 30" x 30", BLK/YLW)
 - 30" LEFT TURN (W1-1L-30, 30" x 30", BLK/YLW)
 - 12" OMS-R-12 (12" x 36", BLK/YLW)
 - 12" OMS-L-12 (12" x 36", BLK/YLW)
 - 18" 15 MPH (W13-1P-15, 18" x 18", BLK/YLW)
 - 18" 15 MPH (W1-1R, 18" x 18", BLK/YLW)
 - 18" 24" (W1-8L-18, 18" x 24", BLK/YLW)
 - 18" 24" (W1-8R-18, 18" x 24", BLK/YLW)

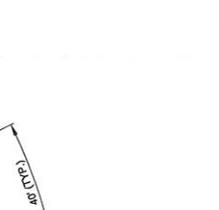


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REVISIONS (OR CHANGE NOTICES)

SANTA FE COUNTY
 PINON HILLS ALL WEATHER CROSSING

PERMANENT SIGNING & STRIPING



- NOTES:**
- W1-8 SIGNS SHALL BE INSTALLED AT A MINIMUM HEIGHT OF 4 FEET, MEASURED VERTICALLY FROM THE BOTTOM OF THE SIGN TO THE ELEVATION OF THE NEAR EDGE OF THE TRAVELED WAY OR AS APPROVED BY SANTA FE COUNTY.
 - ALL OTHER PERMANENT SIGNS SHALL BE INSTALLED IN ACCORDANCE TO NNDOT STANDARD DRAWINGS 701-02-1/3 TO 701-02-3/3.

SUMMARY OF QUANTITIES

ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL
701000	PANEL SIGNS	SQ. FT.	72
701100	STEEL POST AND BASE POST FOR ALUMINUM PANEL SIGNS	LIN. FT.	140
704000	RETROREFLECTORIZED PAINTED MARKINGS	LIN. FT.	4200

ESTIMATED SIGNING & POST LENGTH QUANTITIES

SIGN CODE	NO. OF SIGNS	TOTAL SIGN AREA (SQ. FT.)	POST LENGTHS (LIN. FT.)			MOUNTING REQUIREMENTS - SQUARE TUBING				BASE POSTS			
			LEFT	CENTER	RIGHT	TOTAL	1-1/2" x 1-3/4"	2" x 2"	2-1/4" x 2-3/16"	2-1/2" x 2-1/2"	NO.	TOTAL LENGTH (LIN. FT.)	
							1-3/4"	2-3/16"	2-1/2"				
OMB-L	1	3.00		9.00		9.00						1	3.5
OMB-R	1	3.00		9.00		9.00						1	3.5
W1-L	1	6.25		9.00		9.00						1	3.5
W1-R	1	6.25		9.00		9.00						1	3.5
W1-8L	6	18.00		9.00		54.00						6	21
W1-8R	6	18.00		9.00		54.00						6	21
W8-3	1	6.25		9.00		9.00						1	3.5
W13-1P	2	4.50		9.00		18.00						2	7.0
PROJECT TOTALS		65.25		99.00		100							40

* MOUNTED ON ANOTHER SIGN POST

704000 - RETROREFLECTORIZED PAINTED MARKINGS

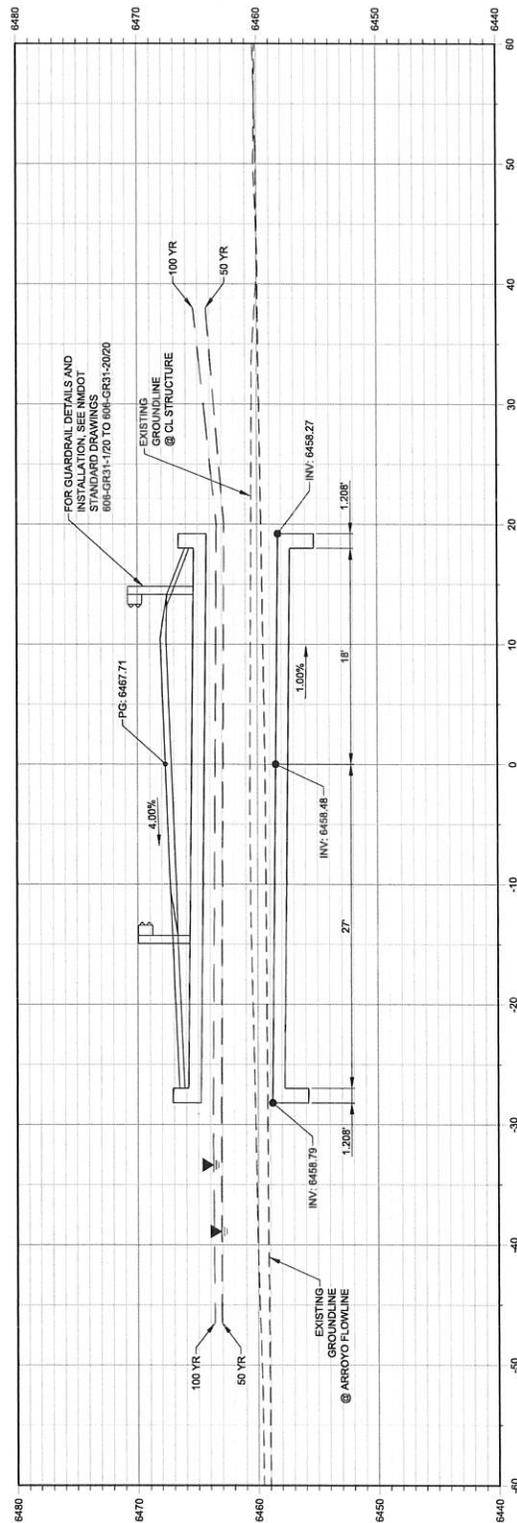
ALIGNMENT	4" DOUBLE SOLID YELLOW (LIN. FT.)
CL CONSTR. (700 X 2 STRIPES)	1400
SUB-TOTALS	1400
PROJECT TOTAL	1400
X 3 APPLICATIONS USE	4200
USE	4200



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REVISIONS (OR CHANGE NOTICES)

SANTA FE COUNTY
PINON HILLS ALL WEATHER CROSSING
PERMANENT SIGNING & STRIPING QUANTITIES



STATION 16+58.00, 18.10° SKEW LF

BUILD 5'-12"x6"x45" CBC w/ WINGWALLS (30° SKEW) UPSTREAM AND DOWNSTREAM.
 GRADE CHANNEL INLET AND OUTLET TO DRAIN

HYDRAULIC DATA: SEE WATERWAY TABLE

STANDARD DRAWINGS: 511-62-1/2 TO 2/2, 511-64-1/3 TO 3/3,
 511-66-1/6 TO 6/6, 511-67-1/2 TO 2/2,
 606-GR31-120 TO 2020

WATERWAY DATA	
NAME OF WATERWAY	Arroyo de Los Frijoles
DRAINAGE BASIN AREA	6.55 SQ. MI.
DESIGN DISCHARGE Q_{60}	2,087 CFS
WATER SURFACE ELEVATION (50-YR)	6462.79 FT.
AVERAGE FLOW DEPTH (50-YR)	3.79 FT.
AVERAGE VELOCITY (50-YR)	3.85 FT/S
100-YEAR DISCHARGE	2,698 CFS
WATER SURFACE ELEVATION (100-YR)	6463.42 FT.
AVERAGE FLOW DEPTH (100-YR)	4.42 FT.
AVERAGE VELOCITY (100-YR)	3.95 FT/S
OVERTOPPING FREQUENCY	>> 50-YR
EXPECTED DEBRIS	TREES/BIRUSH

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REVISIONS (OR CHANGE NOTICES)
 SANTA FE COUNTY
 PINON HILLS ALL WEATHER CROSSING
 STRUCTURE PLACEMENT SECTION

