

**Bid Number: 26-01-3981LE**  
**N8030 Pinon Chapter, Road Maintenance Project**

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## **Request for Proposal**

**Bid Number: 26-01-3981LE**

The Navajo Nation Office of Controller- Purchasing Department, and Navajo Division of Transportation- Department of Roads, are accepting proposals and sealed bids for route N8030-Pinon Chapter, Road Maintenance Project.

Contacts for a bid packet are:

- 1) Lorita Etsitty, Navajo Nation Purchasing Department  
928-871-6317, [letsitty@nnooc.org](mailto:letsitty@nnooc.org)
- 2) Wayne Williams, Non FHWA Engineering Program, Navajo Division of Transportation  
505-481-2349, [wwilliams@navajodot.org](mailto:wwilliams@navajodot.org)

The closing date is Wednesday, April 01, 2026, at 3:00 PM Mountain Daylight Time (MDT). Any proposal(s) received after this date and time will not be accepted. No faxed or emailed proposals/bids will be accepted.

## **1.0 PROPOSAL SUBMITTAL**

The Request for Proposal (RFP) Packet and the instructions for proposal preparation, required documents, eligibility, and evaluation criteria.

- 1.1** All Proposals and Bid forms shall be sent in a sealed envelope, clearly marked with the following information. Ensure the Bid Form is individually sealed in an envelope.

RFP Bid Number:

**26-01-3981LE**

Title Description:

N8030 Pinon Chapter, Road Maintenance Project

Contact Person(s):

Wayne Williams, Senior Civil Engineer

Non FHWA Engineering Program,

Navajo Division of Transportation

Phone: 505-371-8360

Email: [wwilliams@navajodot.org](mailto:wwilliams@navajodot.org)

Website: [www.navajodot.org](http://www.navajodot.org)

Lorita Etsitty, Buyer

Navajo Nation Purchasing Department

Phone: 928-871-6317

Email: [letsitty@nnooc.org](mailto:letsitty@nnooc.org)

Website: [www.nnooc.org](http://www.nnooc.org)

- 1.2** Proposal submittal:

One (1) original and three (3) copies of the proposal.

- 1.3** The proposal and bid form shall be submitted through the mailing method or hand delivery method. Details for the two methods are provided below.

Mailing Address:

Navajo Division of Transportation, Department of Roads

Attention: Wayne Williams, Senior Civil Engineer

P.O. Box 4620, Window Rock, AZ 86515

Phone: 505-371-8360

Drop off (Hand Delivery):

Navajo DOT Complex building in Tse Bonito, NM

Physical Address:

Navajo DOT Complex

#16 Old Coalmine Road

Mentmore, NM 87319

Physical Address coordinates:

35.648653, -109.027157

## **2.0 RFP PACKET INSTRUCTION GUIDE**

The following will provide prospective responders with information that will allow them to prepare and submit a proposal for consideration.

- 2.1** This RFP Packet Instruction Manual contains the instructions governing the proposed proposals to be submitted with required information.

### **2.2 SCHEDULE OF ACTIVITIES AND TIMELINES**

| <b>Description</b>                                                                                                                                                                                                              | <b>Time</b> | <b>Day</b> | <b>Date</b>            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|------------------------|
| Pre-Proposal Meeting: All interested parties are invited to the Project Site. BOP of N8030 in Pinon Chapter. For reference see Appendix B, Strip Map *10:45AM (MDT) at the intersection of N8030 and N41: 36.104217, -110.21285 | 11AM (MDT)  | Thursday   | March 12, 2026         |
| Project Inquiry: All questions will be answered before this date. <i>*Questions must be submitted in written form only.</i>                                                                                                     | 3PM (MDT)   | Tuesday    | March 24, 2026         |
| Due Date for all Proposals                                                                                                                                                                                                      | 3PM (MDT)   | Wednesday  | April 01, 2026         |
| Proposal Opening and Evaluations by review panel                                                                                                                                                                                |             |            | Week of April 06, 2026 |
| Award Contract                                                                                                                                                                                                                  |             |            | To Be Determined       |
| Estimated Notice to Proceed (NTP)                                                                                                                                                                                               |             |            | To Be Determined       |

*Table 1. RFP Schedule*

### **2.3 EVALUATION PROCEDURE AND CRITERIA:**

- 1) REVIEW PANEL:** A Review Panel will be selected and evaluate the proposals received in accordance with the general criteria used herein. The review panel may request a meeting for purposes of proposal clarification, and the respondent should be prepared to provide any additional information the Review Panel feels necessary for a fair evaluation of the proposals.
- 2)** The objective of the review panel is to select the respondent most responsive to the needs of the Navajo Nation, Navajo DOT, and the Department of Roads. This RFP represents the minimum performance necessary for a response. Based on the evaluation criteria established in this RFP, the Review Panel will select and recommend the respondent who best meets the requirements for this RFP.
- 3)** Failure of a respondent to provide any information requested in this RFP may result in the proposal being disqualified (non-Responsive).

- 4) The Technical Proposal Factors will be used to evaluate the proposal(s) based on a 100 point-scale system. 70 points and greater will be responsive. The Bid opening process follows Priority 1 or 2 of the Navajo Nation Business Opportunity Act.

#### **Evaluation Sheet**

| <b>Subject</b>         | <b>Requirement's description</b>                                                       | <b>Maximum Points</b> |
|------------------------|----------------------------------------------------------------------------------------|-----------------------|
| <b>Proposal Format</b> | Format and Organization                                                                | 20                    |
| <b>Scope of Work</b>   | Project Understanding, Familiarity and Interest Shown. Federal Projects Specifications | 40                    |
| <b>Experience</b>      | Experience from the Company and Associates                                             | 30                    |
| <b>References</b>      | Record of Past Performance; reference for three (3) similar Projects                   | 10                    |
|                        |                                                                                        |                       |
|                        | <b>TOTAL</b>                                                                           | <b>100</b>            |

*Table 2, Evaluation Sheet*

#### **2.4 FORMAT AND ORGANIZATION**

- 1) **PROPOSAL FORMAT:** Proposal presentation is recommended; Appearance and professionalism of the proposal is important.
- 2) **NUMBER OF COPIES:** Submit one (1) original and three (3) copies of the proposal. Total: Four (4) proposals shall be submitted. The outside of the envelope should be clearly marked with 1) Respondent's Contact information, and 2) the RFP Bid Number and Project Name. see 1.0 Proposal Submittal, overview.
- 3) **PROPOSAL PAGE LIMIT:** The proposal shall not exceed 20 pages (maximum 8 1/2" x 11"). All pages include proposals, photos, charts, graphs, exhibits, letter of interest, bonds, etc. are counted toward the 20 pages. Submissions exceeding the 20-page limit; points will be taken away, affecting your overall score.
- 4) **PROPOSAL SUBMITTAL:** Proposal's submittal should be plastic or metal spiral-bound only. Do not submit loose paper; Points will be taken away, when submitted in non-spiral bound; this will affect your overall score.

### **3.0 SCOPE OF WORK**

#### **3.1 General Project Description, FP-14**

N8030- Pinon Chapter, AZ. This work consists of

**Mobilization.** This work consists of moving personnel, equipment, material, and incidentals to the project site.

**Construction Surveying.** Establish centerline, and other points to establish proposed road profile as shown on Typical Sections.

**Contract Quality Control.** This work consists of planning and implementing a construction quality process to ensure work conforms to the contract.

**Schedule For Construction Contracts.** This work consists of scheduling and monitoring the progress of construction activities.

**Temporary Traffic Control.** This work consists of furnishing, installing, maintaining, relocating, and removing temporary traffic control devices.

**Contractor Sampling and testing.** This work consists of obtaining samples for material testing. Subgrade Preparation, the top 6 inches shall be compacted to 95% of the maximum density.

**Removal of Structural and Obstructions.** This work consists of salvaging, removing, and disposing of culverts, and other obstructions.

**Evacuation and Embankment.** This work consists of excavating material and constructing embankments. *The Approach and Departure over CMPs is 20:1 (5%) or flatter.*

**Metal Pipe.** Furnish pipe, special sections (such as elbows, branch connections, and prefabricated flared end sections) and coupling bands. *Drainage crossing 1,3,4,5, and 7 have parts available at the Navajo DOT, Pinon Yard. Drainage Crossing #8 requires all parts to be furnished for installation.*

**Reinforcing Steel.** This work consists of furnishing and placing reinforcing steel. *For Drainage Crossing #5 and #8, they require Concrete Collars for elbow joints, crossing #8 has an Outlet Headwall. See ADOT design standards.*

**Structural Concrete.** This work consists of furnishing, placing, finishing, and curing concrete in culverts. *For Drainage Crossing #5 and #8, they require Concrete Collars for elbow joints, crossing #8 has an Outlet Headwall. See ADOT design standards.*

**Minor Concrete Pavement.** This work consists of constructing minor concrete pavements on a prepared surface. *For Drainage Crossing #5 and #8, they require Concrete Collars for elbow joints, crossing #8 has an Outlet Headwall. See ADOT design standards.*

**Earthwork Geosynthetics.** This work consists of furnishing and installing geotextile in separation applications. *The Drainage Crossings shall have Riprap and Geotextile Fabric at the inlet and outlets of the drainage crossings.*

**Riprap.** This work consists of furnishing and placing Riprap for drainage structures, and erosion control. *The Drainage Crossings shall have Riprap and Geotextile Fabric at the inlet and outlets of the drainage crossings.*

**Structure Excavation and Backfill.** This work consists of excavating material for the construction of structures. This work also includes preserving channels, shoring and bracing, and backfilling. *The Drainage Crossing #1-#8 will experience excavation and backfill.*

**Soil.** Furnish a suitable, well-graded, compactable material conforming to the following for structures and pipes. *This applies to Drainage Crossing #1-#8.*

**Road Reconditioning.** This work consists of reconditioning ditches, shoulders, and roadbeds. *This applies to Drainage Crossing #1-#8, the disturbed areas.*

**Permanent Signage placement.** This work consists of installing traffic control devices. Two (2)- Type R2-1 (15mph), 24"x30" (Conventional). *Regulatory signs shall be placed at the BOP, northbound and the EOP, southbound.*

### 3.2 Location and Description

| Location                   | Latitude (E) | Longitude (N) | Length (approximate)                                              | Description                                                                                                   |
|----------------------------|--------------|---------------|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| BOP<br>Drainage Crossing 1 | 36.132167    | -110.175444   | 2- 36in x 60ft                                                    | Perpendicular CMP Crossing, with riprap and end sections.                                                     |
| Drainage Crossing 3        | 36.148889    | -110.164083   | 1- 48in x 100ft                                                   | Skew CMP crossing with riprap and end sections.                                                               |
| Drainage Crossing 4        | 36.150444    | -110.163361   | 1 -36in x 60ft                                                    | Skew CMP crossing with riprap and end sections                                                                |
| Drainage Crossing 5        | 36.169028    | -110.152444   | 2- 42in x 60ft<br><b>This is 42", not 36" in the Design Plans</b> | Skew CMP crossing. With concrete collars and riprap and end sections                                          |
| Drainage Crossing 7        | 36.178278    | -110.147167   | 1- 36in x 60ft                                                    | Perpendicular CMP Crossing with riprap and end sections                                                       |
| EOP<br>Drainage Crossing 8 | 36.188861    | -110.134833   | 2- 48in x 105ft                                                   | Tie into existing CMP drainage crossing. With concrete collars & outlet headwall with Riprap and end sections |

Table 1. Coordinates: key locations for the project

## 4.0 REQUIREMENTS- RFP submittal

This section of the RFP specifies the proposal standards. The following are requirements, to be eligible for consideration. \*Failure to adhere will result in a Non- Responsive Status.

- 1) LETTER OF INTEREST: Letter of Interest must be on a Company Letterhead and signed by the president, executive director, or owner of the company/organization. The letter must be endorsed/signed by the company representative who has authority to sign off on legal and contractual documents.
- 2) BID FORM: \*Shall be in a sealed envelope, where the bid form is individually sealed in an envelope.

- 3) EQUIPEMENT: Include a list of the equipment used for this project.
- 4) PROJECT SCHEDULE: Include a timeline or Gantt Chart for this project. The construction timeline shall be no more than 75 calendar days.
- 5) SCOPE OF WORK: \*Explain the approach for the project with the Scope of Work with project specifications, referencing the applicable FP-14 specifications.
- 6) EXPERIENCE: Resume of personnel that will be involved in the task of completing projects, including professional qualifications and experience. Capability to perform all or most aspects of the project and recent experience in providing services comparable to the proposed SOW. Provide key personnel's professional qualifications and experience and availability for the proposed work, and roles and responsibilities. Include their knowledge of Navajo Nation, FHWA, and BIA regulations, policies, procedures, and specifications.
- 7) REFERENCES: \*Interested firms shall provide evidence of the quality of service rendered relative to the similar Scope of Work anticipated under this contract. Projects may be located on the Navajo Nation, other Indian Reservations, and rural communities. Interested firms shall provide three (3) references from similar projects within the last five (5) years. If interested firms have not performed similar projects over the last (5) years, then project-specific references can be submitted.
- 8) PROOF OF CERTIFICATE OF INSURANCE: Provide proof of your company's Certificate of Insurance and other insurance related to this project.
- 9) SAM.GOV Registration: The System for Award Management (SAM.gov) is an official website of the U.S. Government. Awarded contractor shall be an active registrant with SAM.gov; inactive status will result in a non-responsive status.
- 10) CERTIFIED NAVAJO BUSINESS: If applicable, provide documentation that the business is currently certified by the Navajo Nation Business Regulatory Department and prioritized under Navajo Nation Council Resolution CAP-37-02 and, also, under the Section 204 (A) (1) and (2) of the revised Navajo Nation Business Opportunity Act.
- 11) INQUIRES: Prospective respondents may contact Navajo Division of Transportation (DOT) – Department of Roads staff i.e., phone or email about this RFP in obtaining clarification of requirements. \*No inquiries will be accepted after the inquiring date listed in Section 2.3.
- 12) PROPOSALS SUBMISSION: Proposal must be received on the due date for all proposals. Respondents who are mailing their proposals should allow enough time for mail delivery. If mailed, it is recommended that proposals be sent to the address indicated in Section 1.3 of this RFP.
- 13) ADDENDUM OR SUPPLEMENT TO THIS RFP: In the event it becomes necessary to revise any part of this RFP, an addendum will be issued. Any respondents that have already submitted a proposal will be notified.
- 14) LATE RECEIPT OF PROPOSALS: \*Late proposals will not be accepted. It is the responsibility of the respondent to ensure that the proposal arrives at the Navajo Division of Transportation – Department of Roads on or before the date/time specified.
- 15) If selected for this project, submit to Navajo DOT the following:
  - A. PROOF OF CERTIFICATE OF INSURANCE: Provide proof of the Certificate of Insurance with proposal submittal.
  - B. Taxpayer Identification: Form W-9.
  - C. Affidavit of non-collusion.
  - D. Bond

BONDS:

- a) Performance Bond: Include in the proposal a letter from the Surety Company assuring that a Performance Bond can be issued upon the execution of a contract. When the contract is executed, the Contractor shall provide to the Navajo Nation a Performance Bond underwritten and executed by Surety Company that guarantees the Contractor's complete and satisfactory performance under the Contract. The Performance Bond shall be equal to one hundred percent (100%) of the Original Contract Amount, unless otherwise provided in the *Lesser Bond Amounts*.
  - b) The Payment Bond: The Contractor shall provide to the Navajo Nation a Payment Bond underwritten and executed by a Surety Company that will protect all persons, subcontractors, or other entities supplying labor and material to the Contractor or its subcontractors for the performance under this Contract. The Payment Bond shall be in an amount equal to one hundred percent (100%) of the Original Contract Amount, unless otherwise provided the *Lesser Bond Amounts*. The Payment Bond must be provided in addition to the Performance Bond required in Article Ea. herein.
  - c) *Lesser Bond Amounts:* The Navajo Nation, with the concurrence of the Navajo Nation Controller or his/her designee, may allow the Contractor to provide a Performance Bond or a Payment Bond, or both, in an amount equal to fifty percent (50%) of the Original Contract Amount, so long as either (1) the Navajo Nation withholds, as retainage, fifty percent (50%) of each invoiced amount; or (2) the Contractor provides an irrevocable Letter of Credit in amount equal to fifty percent (50%) of the Original Contract Amount. The fifty percent (50%) amount of the Original Contract Amount may be covered by a combination of Retainage and an irrevocable Letter of Credit, BUT IN NO CASE SHALL A PERFORMANCE BOND OR PAYMENT BOND EACH BE IN AN AMOUNT LESS THAN FIFTY PERCENT (50%) OF THE ORIGINAL CONTRACT AMOUNT.
  - d) Bonding documentation required. The Navajo Nation's Representative must receive written documentation of all required bonds prior to the issuance of a Notice to Proceed for the Project, and the Contractor shall not commence any work or services under this Contract until such documentation is received by the Navajo Nation.
- 16) REJECTION OF PROPOSALS: The Navajo Division of Transportation (Navajo DOT) – Department of Roads reserves the right to reject any or all proposals and to waive informalities and minor irregularities in the proposals received.
- 17) PROPRIETARY INFORMATION: Any restriction on the use of the information, data, contents contained within the proposals must be clearly stated in the proposal itself. Each page of the propriety material must be labeled or identified with the word "Proprietary." Proprietary information submitted in response to this RFP will be handled in accordance with applicable procurement regulations.
- 18) PROPOSAL MATERIAL OWNERSHIP: All material submitted in reference to this RFP shall become the property of the Navajo Nation and will not be returned to the respondent. Responses received will be retained by the Navajo DOT – Department of Roads and may be reviewed by any person(s) after the final selection has been made. The Navajo DOT – Department of Roads has the right to use any or all systems, ideas presented in this RFP. Disqualification or non-selection of a respondent does not eliminate this right.

- 19) RETURN PROPOSAL: The Navajo Nation and Navajo DOT have no obligation in returning any of the proposals received in response to this RFP.
- 20) INCURRING COSTS: The Navajo DOT – Department of Roads is not liable for any cost incurred by the Respondent prior to issuance of a service contract or a purchase order.
- 21) ACCEPTANCE OF PROPOSAL CONTENT: The contents of the successful Respondent will become a contractual obligation if acquisition action ensues. Failure of the successful Respondents to accept this obligation may result in cancellation of the award and such respondents may be removed from consideration for future solicitation.
- 22) ACCEPTANCE TIME: The Navajo DOT – Department of Roads, in coordination with the Navajo Nation Business Regulatory Department and the Navajo Nation Office of the Controller, intends to select the successful Respondent in the time specified in Section 2.3, after the closing date of receipt of proposals.
- 23) AWARD OF SERVICE CONTRACT OR ENGINEERS JOINT DOCUMENTS COMMITTEE DESIGN AND CONSTRUCTION RELATED DOCUMENTS INSTRUCTIONS AND LICENSE AGREEMENT: Upon selection, Navajo DOT – Department of Roads will initiate the Engineers Joint Documents Committee Design and Construction Related Documents Instructions and License Agreement in the name of the successful respondent; and the contents of the proposal submitted by the respondent will become part of the contract.
- 24) JOINT PROPOSALS: Nothing in this RFP shall be taken to prohibit respondents from entering a group for the purpose of offering a proposal in response to this RFP. Parties to a group will not be permitted to submit independent proposals in response to this RFP.
- 25) STANDARD CONTRACT or ENGINEERS JOINT DOCUMENTS COMMITTEE DESIGN AND CONSTRUCTION RELATED DOCUMENTS INSTRUCTIONS AND LICENSE AGREEMENT: Navajo DOT will use the template *Engineers Joint Documents Committee Design and Construction Related Documents Instructions License Agreement*, or a Service Contract reviewed and approved by the Navajo Nation Department of Justice.
- 26) TERM: The term of the Service Contract will be a period of one year from the date of Notice to Proceed, with an option to renew the contract for continued services, which will be based upon the availability of funds. Renewal of the contract will be made only upon mutual agreement of both parties.
- 27) COMPLIANCE WITH THE NAVAJO NATION OPPORTUNITY ACT: Proposal will be opened and evaluated in compliance with the Navajo Nation’s Business Opportunity Act, 5 N.N.C., Chapter 2, Subsection 201 – 215 and the Navajo Nation Procurement Rules and Regulations.

## **5.0 PROJECT TASK**

- 1) The ‘*Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects* (FP-14), applies to this project and shall govern the project.  
FP-14 can be downloaded from the following website:  
<https://flh.fhwa.dot.gov/resources/specs/fp-14/FP-14.pdf>.
- 2) Specifications for the Bid Items are attached to this Request for Proposal (RFP). The contractor is advised to read attached specifications which reference other specifications within FP-14.
- 3) When construction begins, coordination with Navajo Division of Transportation (DOT) shall be through the Project Manager (PM), Wayne Williams

- 4) Contractor- Any deviations from FP-14 requirements shall be the sole authority of the project manager.
- 5) Contractor- Be familiar with all the conditions surrounding the proposed project area including the availability of materials and labor.
- 6) Contractor- Describe how project communication is intended to keep all parties involved in the project i.e., Subcontractors, Materials testers, General contractors.
- 7) Contractor- Place Corrugated Metal Pipe or Purchase, Deliver and place Corrugated Metal Pipe, with
- 8) Contractor- Provide ABC load counts to Navajo DOT; Payment is on actual quantities.
- 9) Contractor- Provide Borrow/Fill load counts to Navajo DOT; Payment is on actual quantities.
- 10) Contractor- Shall prepare subgrade for Aggregate Base Course per typical profile.
- 11) Contractor- Shall install permeant signage and shall meet all FP-14 specifications.
- 12) Contractor- A preconstruction meeting will be held prior to construction, at the site. Time and location will be provided.  
Archeology staff, Navajo DOT, shall conduct a survey and present compliance to the contractor prior to any construction.
- 13) Contractor- Water Permit for the Project. Water utilized for construction.  
Obtain a water permit with the Water Code Section, Department of Water Resources. Water Code Compliance (928) 729-4132.  
There will be no separate bid item for a Water Permit. The cost of the Water Permit shall be included in the respective bid items for the work to be performed.
- 14) Contractor- Staging Area: Project Management Department (505) 371-8348 and identify a staging area. The staging area must be cleared for archaeological sites. Staging area is a Mobilization item.
- 15) Contractor- A Traffic Control Plan must be submitted by the contractor to Navajo DOT, a minimum of 15 days prior to commencement of work. The Traffic Control Plan (TCP) must be accepted by Navajo DOT and implemented before any other work can commence at the project site.
  - A. The contractor shall always maintain at least one lane of traffic.
  - B. Flaggers shall be on duty during construction hours for any roadways reduced to one lane of traffic.
  - C. Nighttime (off working hours)- 2 lanes shall be open.
  - D. Contractor- TCP will be submitted to Project Manager for approval prior to any work. Any changes to TCP during construction, submit an updated plan to the PM at 5-day minimum for approval.
- 16) Contractor- Develop and submit a Safety Plan to Navajo DOT for review and approval a minimum of 15 days prior to commencement of any work.
- 17) Contractor- Road Improvement and Requirements Project
  - A. Clean up post construction.
  - B. All work shall be performed under FP-14 specifications.
  - C. Safety documentation
  - D. Pre-Construction Meeting at Pinon Chapter.

## **6.0 PROJECT SPECIFICATIONS (FP-14)**

### **Section 151- MOBILIZATION:**

This work consists of moving personnel, equipment, material, and incidentals to the project and performing the necessary work before beginning work at the project site. Note: water requirements and utility clearances for this project are considered a part of Mobilization.

**Section 152. - CONSTRUCTION SURVEY AND STAKING:**

Establish centerline, and other points to establish proposed road profile as shown on Typical Sections.

**Section 153 - CONTRACTOR QUALITY CONTROL.**

This work consists of planning and implementing a construction quality process to ensure work conforms to the contract. This work also includes quality control inspection and documentation, and process control sampling and testing.

Payment is in Bid Schedule as Bid Item.

**Section 155 - SCHEDULES FOR CONSTRUCTION CONTRACTS.**

This work consists of scheduling and monitoring the progress of construction activities.

**Section 158 – WATERING FOR DUST CONTROL.**

This work consists of furnishing and applying water for the control of dust caused by work and public traffic.

**Section 204 – EXCAVATION AND EMBANKMENT**

This work consists of excavating material and constructing embankments. This work also includes furnishing, hauling, stockpiling, placing, disposing, sloping, shaping, compacting, and finishing earthen and rocky material. Specifications FP-14

**Section 209- REMOVAL OF STRUCTURAL AND OBSTRUCTIONS**

This work consists of salvaging, removing, and disposing of buildings, fences, structures, pavements, culverts, utilities, curbs, sidewalks, and other obstructions.

**Section 207 – EARTHWORK GEOSYNTHICS**

This work consists of furnishing and installing geotextile in separation, stabilization, and filter applications, geogrid in stabilization applications, and geomembrane in moisture barrier applications. FP-14 specifications

**Section 501- MINOR CONCRETE PAVEMENT**

This work consists of constructing minor concrete pavements on a prepared surface. Conforms to the following section: Minor Concrete Structure, Section 601.

**Section 552- STRUCTURAL CONCRETE**

This work consists of furnishing, placing, finishing, and curing concrete in bridges, culverts, and other structures. Structural concrete class is designated in the plans according to Table 522-1, *FP-14*.

**Section 554- REINFORCING STEEL**

This work consists of furnishing and placing reinforcing steel. Conforms to the following subsection: Reinforcing Steel, Section 709.01

**Section 704- SOIL**

Furnish a suitable, well-graded, compactable material conforming to the following for structures and pipes (704.03 Backfill Material).

**Section 705- RIPRAP**

This work consists of furnishing and placing riprap for bank protection, slope protection, drainage structures, and erosion control. Specifications FP-14

**Section 602- CULVERTS AND DRAINS**

This work consists of furnishings and installing culverts, drains, and precast concrete box culverts.

**Section 707- METAL PIPE**

Furnish pipe, special sections (such as elbows, branch connections, and prefabricated flared end sections) and coupling bands conforming to AASHTO (Metallic-Coated Corrugated Steel Pipe).

**Section 209- STRUCTURE EXCAVATION AND BACKFILL**

This work consists of excavating material for the construction of structures, except those specifically designated under Section 208. This work also includes preserving channels, shoring and bracing, sealing foundations, dewatering, preparing foundations, bedding and backfilling.

**Section 154- CONTRACTOR SAMPLING AND TESTING**

This work consists of obtaining samples for material testing. Subgrade Preparation, the top 6 inches shall be compacted to 95% of the maximum density.

**Section 303- ROAD RECONDITIONING**

This work consists of reconditioning ditches, shoulders, roadbeds, aggregate surfaces, or the entire road.

**Section 635 - TEMPORARY TRAFFIC CONTROL:**

This work consists of furnishing, installing, maintaining, relocating, and removing temporary traffic control devices and services as ordered for the control and protection of public traffic through the project.

**Section 633- PERMENENT TRAFFIC CONTROL**

This work consists of installing and removing and resetting permanent traffic control devices. Sign panels are designated as plywood, steel, aluminum, plastic, fiberglass reinforced plastic, or extruded aluminum. Signposts are designated as wood, aluminum, galvanized steel, or corrosion resistant steel.

**Section 106 – ACCEPTANCE OF WORK**

Section 106.01 Conformity with Contract requirements. Follow the requirements of FAR Clause 52.246-12 inspection of construction.

**7.0 COMPLIANCE:**

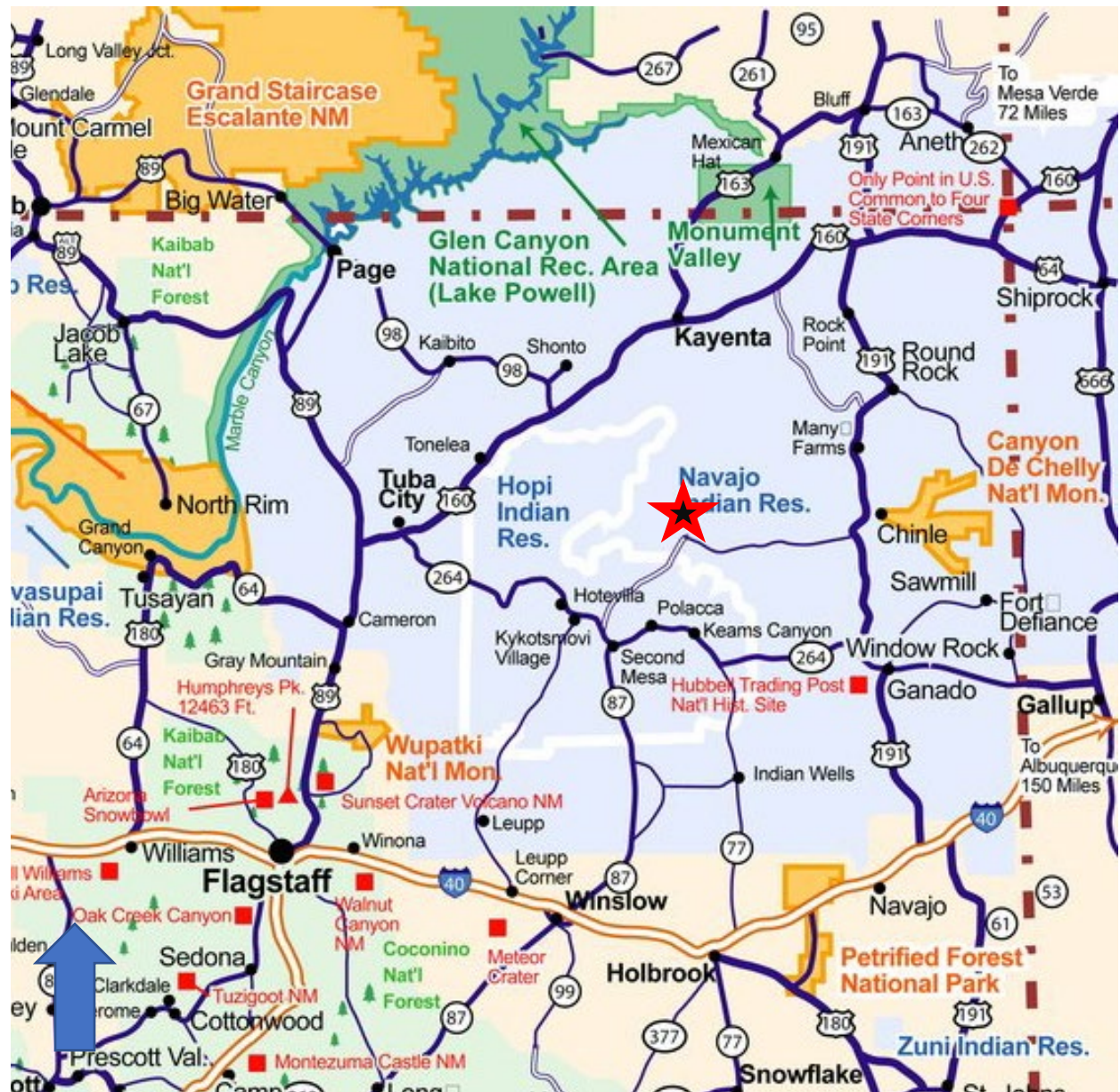
- 1) Contractor- Comply with Federal Highway Administration Axle Weight Limits.
- 2) Contractor- Comply with conditions stated in all compliance reports, cultural & biological. If a cultural site is discovered, immediately notify Navajo DOT Project Management & Roads Dept.
- 3) Contractor- Certificate of Compliance: The contractor shall submit certifications from suppliers for materials utilized on the project. Certifications shall include a statement that the product supplied meets all requirements of the RFP and the project's specifications. Certifications for materials, per specifications FP-14.
- 4) Contractor- The Project Manager shall be notified within 24 hours regarding communication between the Contractor and other compliance agencies; these communications shall be in written form.
- 5) Contractor- and subcontractors will stay in "footprint" of existing road. Written request by Contractor to Project Management, Navajo DOT to go out of existing "footprint" is required.
- 6) Contractor- The monitoring of Archeology sites may be required, Coordinate with Archeologist staff, Project Management, Navajo DOT. Any archeology site discovery will

- stop construction until clearance is granted by the Project Management Department.  
Clearance is 75feet on either side of the centerline (roadbed).
- 7) Contractor- Safety & Health Plan per FP-14 specifications.
  - 8) Contractor- Will have to dispose of any rejected material at his own expense to an approved recycling facility or landfill.
  - 9) Contractor- Shall conform to the Materials Delivery and Temporary Traffic Control and Safety Plan.
  - 10) Contractor- Controlling and Protecting Public Traffic and Dust Abatement (for work and public travel is not a pay item. For instructions regarding these activities, refer to FP-14 and Section 156- PUBLIC TRAFFIC.
  - 11) Navajo DOT- will provide quality assurance to ensure that work is being performed in accordance with the Scope of Work and project specifications.
  - 12) Navajo DOT- Final inspection will include Navajo DOT for acceptance of scope of work. Any unacceptable workmanship shall be rejected by Navajo DOT and replaced at the contractor's expense.

## **8.0 Attachments**

- A) Map**
- B) Strip Map**
- C) Bid Schedule**
- D) Drainage Design and Details**
- E) Addendum Acknowledgement**
- F) Reference outline Sample**

## Appendix A- Map



**Legend:**

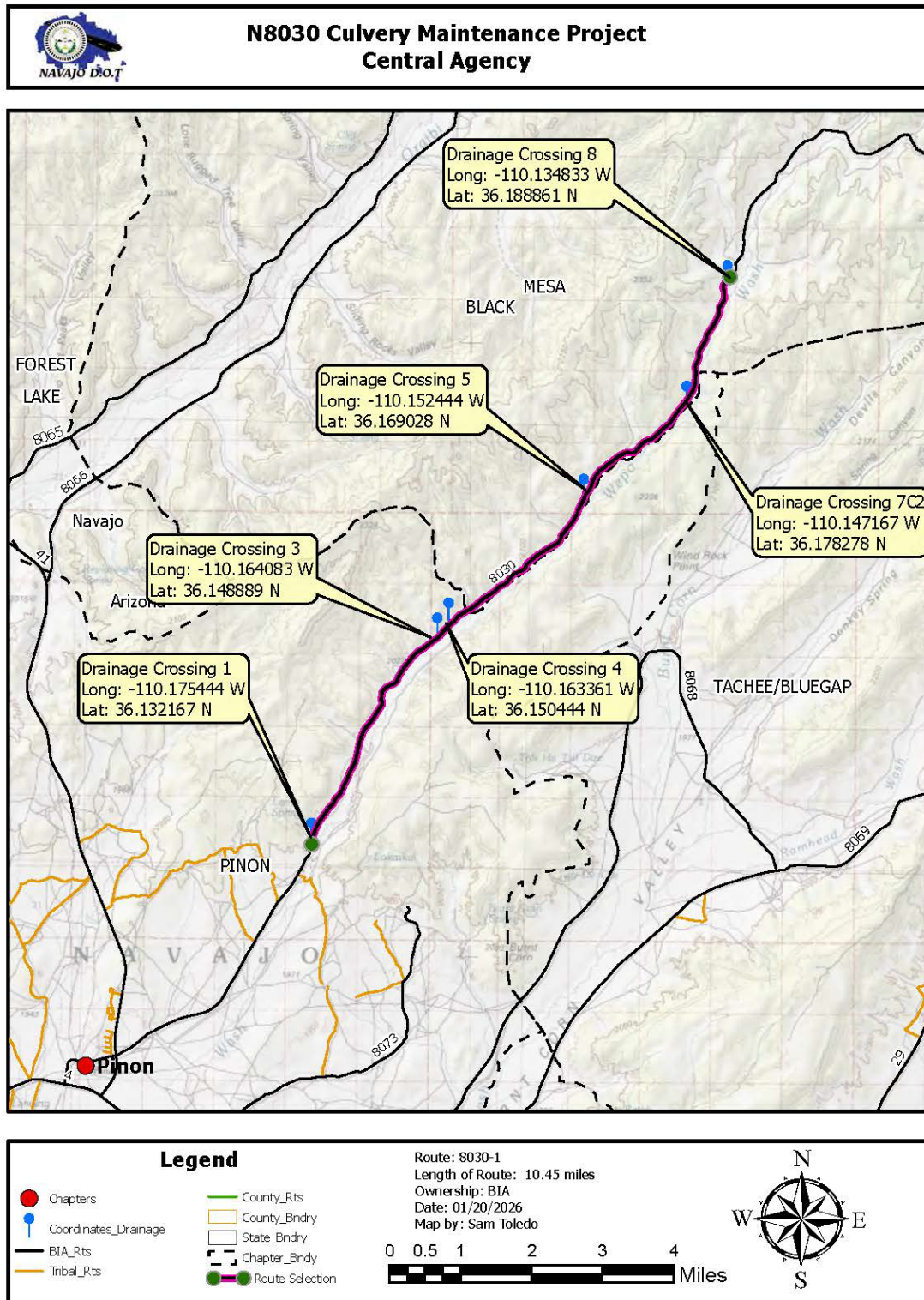
North =



Project Site =



## Appendix B- Strip Map



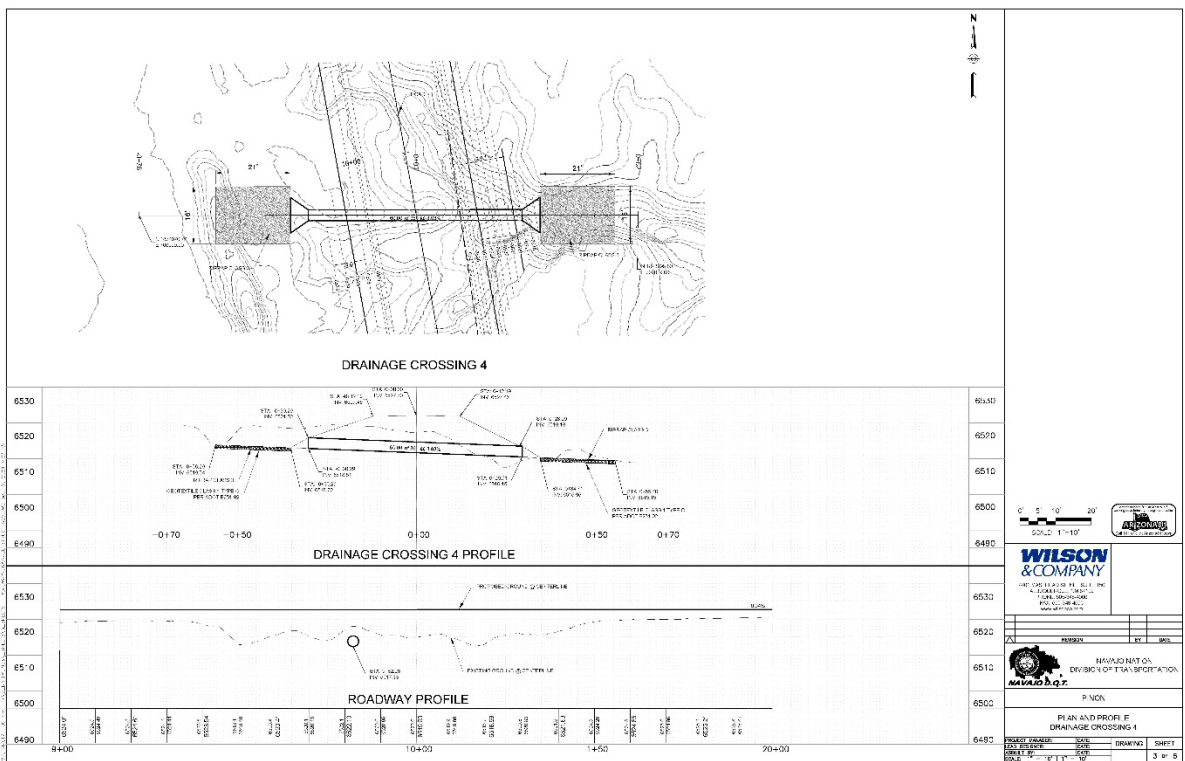
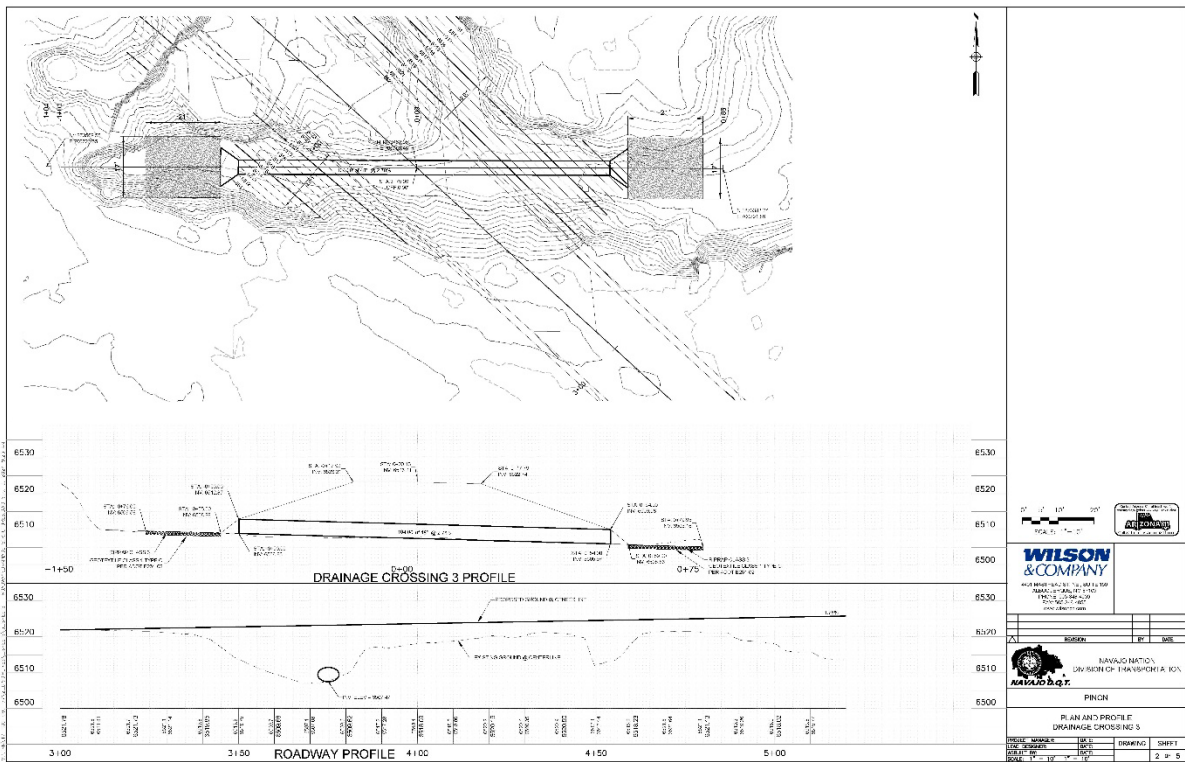
## Appendix C- Bid Schedule, FP-14

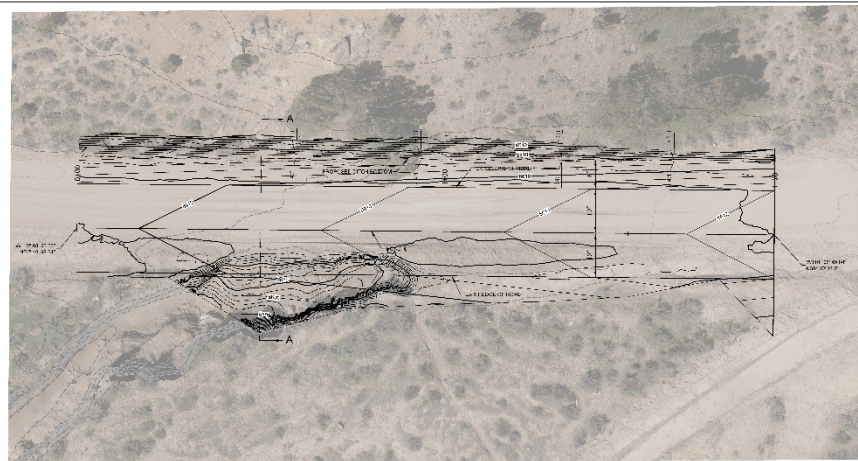
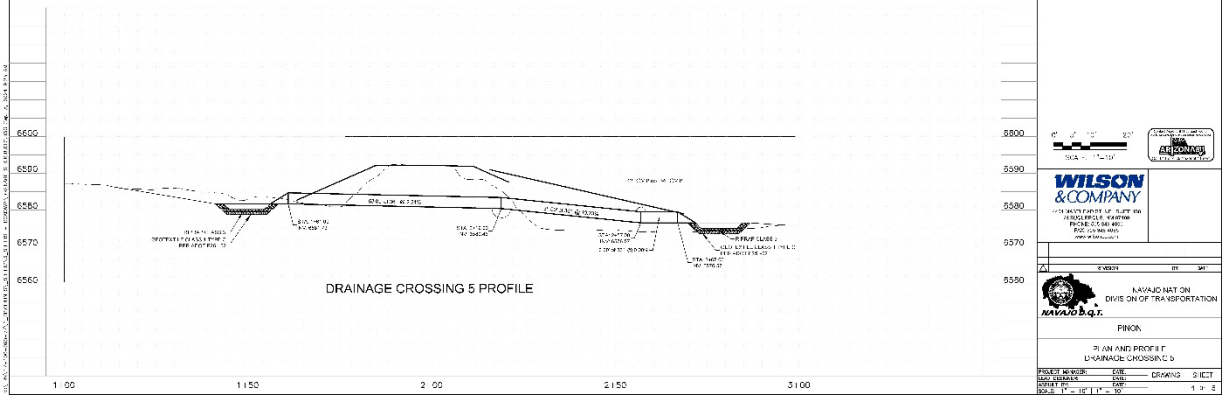
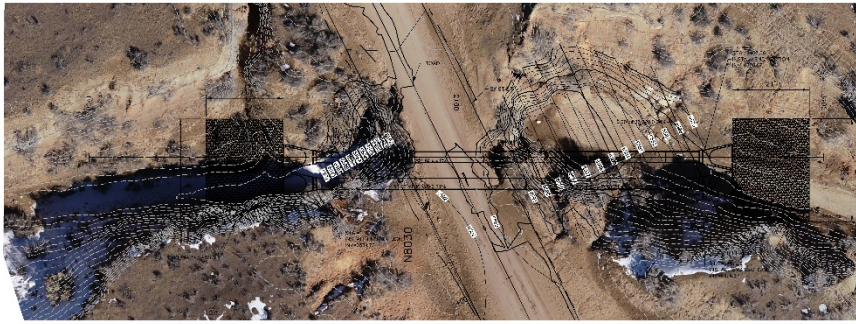
Navajo Division of Transportation -Bid Schedule, FP-14. RFP 26-01-3981

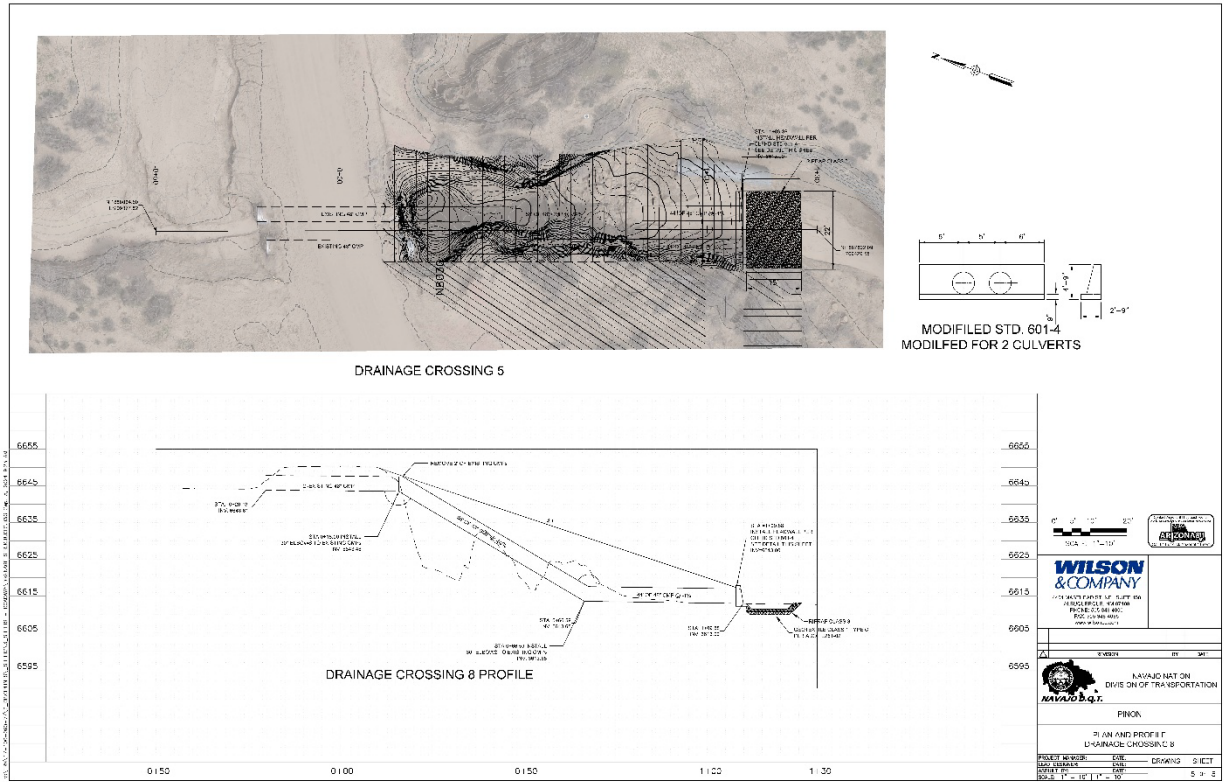
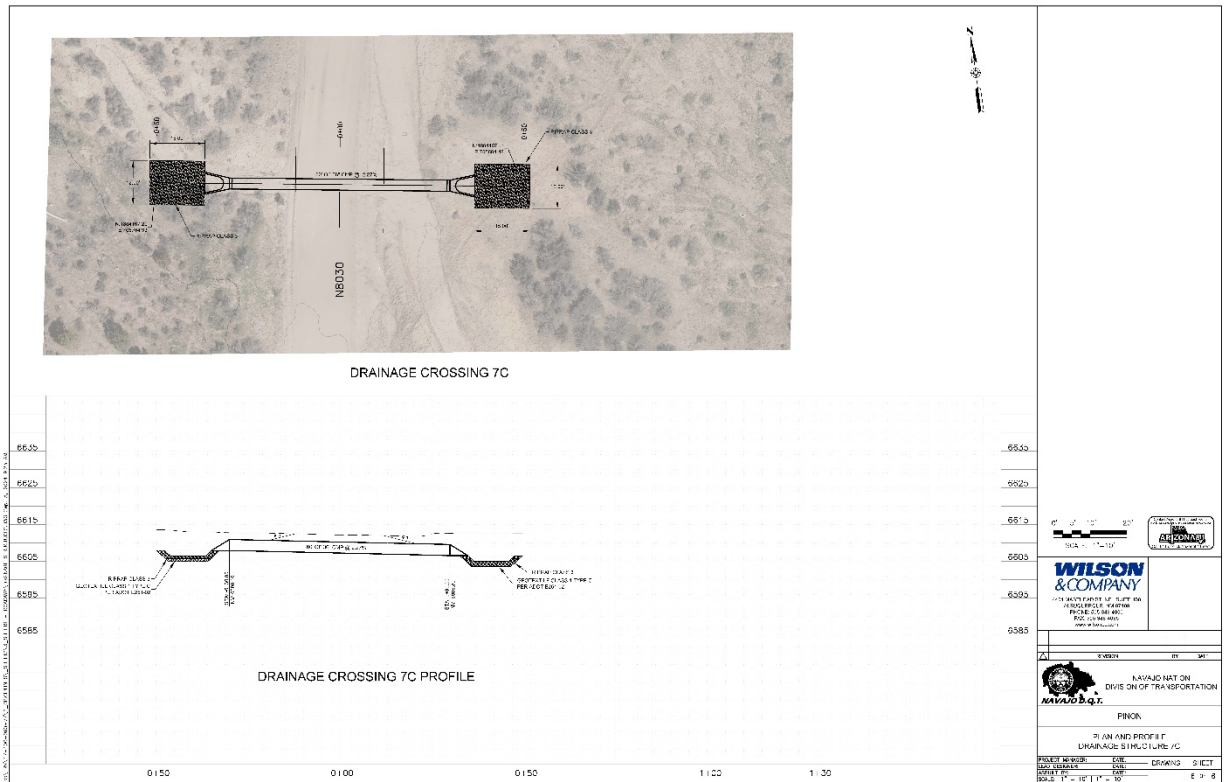
|             |                      | N8030 Pinon Chapter. Road Maintenance, Drainage Crossings<br>Project Bid Sheet- Cost Price Analysis<br>Federal Highway Projects Specifications |          |      |       |        |
|-------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|-------|--------|
| Item Number | FP-14 Section Number | Description                                                                                                                                    | Quantity | Unit | Price | Amount |
|             |                      |                                                                                                                                                |          |      |       |        |
| 1           | 151                  | Mobilization                                                                                                                                   | 1        | LS   |       |        |
| 2           | 152                  | Construction Survey and Staking                                                                                                                | 1        | LS   |       |        |
| 3           | 154                  | Contractor Sampling and Testing                                                                                                                | 1        | LS   |       |        |
| 4           | 635                  | Temporary Traffic Control                                                                                                                      | 1        | LS   |       |        |
| 5           | 204                  | Excavation and Embankment                                                                                                                      | 2,120    | CY   |       |        |
| 6           | 602                  | Culverts and drains, 36" CMP installation                                                                                                      | 240      | FT   |       |        |
| 7           | 602                  | Culverts and drains, 42" CMP installation and 45° elbows                                                                                       | 200      | FT   |       |        |
| 8           | 602                  | Culverts Elbow 45° - 42" installation                                                                                                          | 4        | EA   |       |        |
| 9           | 602                  | Culverts and drains, 48" CMP installation                                                                                                      | 210      | FT   |       |        |
| 10          | 602                  | Culverts and drains, 48" CMP 45° - 48" elbow                                                                                                   | 4        | EA   |       |        |
| 11          | 251                  | Rip Rap Class 3 with Geotextile                                                                                                                | 328      | CY   |       |        |
| 12          | 709                  | Reinforcing Steel                                                                                                                              | 1,340    | LBS  |       |        |
| 13          | 601                  | Minor Concrete Structures                                                                                                                      | 63       | CY   |       |        |
| 14          | 633                  | Permanent Signage                                                                                                                              | 2        | EA   |       |        |
| 15          | 704                  | Soil (Borrow/Fill)                                                                                                                             | 3,528    | Ton  |       |        |
|             |                      |                                                                                                                                                |          |      |       |        |
|             |                      | Subtotal                                                                                                                                       |          |      |       |        |
|             |                      | Navajo Nation Tax (6%)                                                                                                                         |          |      |       |        |
|             |                      | Total Estimated Project Cost                                                                                                                   |          |      |       |        |

Contractor Name, Signature and Date: \_\_\_\_\_

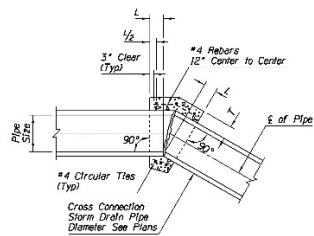
[illegible]



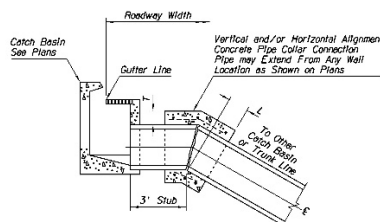




| NO. | DESCRIPTION OF REVISION | DATE | BY   |
|-----|-------------------------|------|------|
| 1   | MODIFIED TABLE VALUES   | 8/17 | S/OH |
| 2   | MODIFIED GENERAL NOTE 2 | 8/17 | S/OH |
| 3   | ADDED CALLOUT           | 8/17 | S/OH |



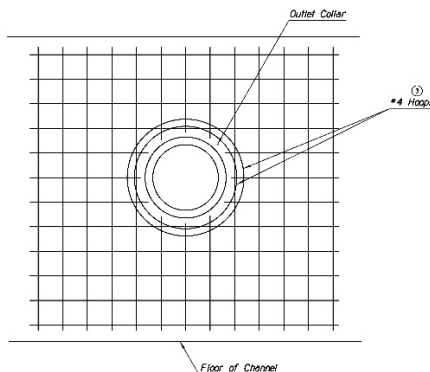
CONCRETE PIPE COLLAR



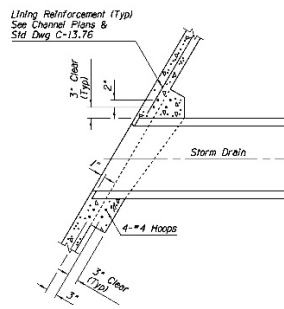
TYPICAL LATERAL CONNECTIONS TO CATCH BASINS WITH CONCRETE COLLARS

#### GENERAL NOTES

1. All concrete shall be Class B.
2. All rebar shall conform to Std Spec 1003-1.2.
3. All rebar shall have 3" minimum clear cover.
4. A concrete collar shall be required where pipes of different diameters or materials are joined or where the design change in alignment or grade exceeds that allowed for a standard joint.
5. When pipes of different diameters are joined with a concrete collar, "L" & "T" shall be those of the larger diameter.
6. The diameter of the circular ties shall be the outside diameter of pipe + 1/2".
7. Pipe ends to be inflated such that the maximum distance between pipes at any point is 2".

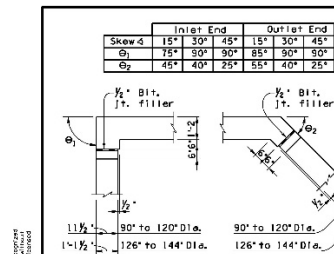


OUTLET COLLAR DETAIL



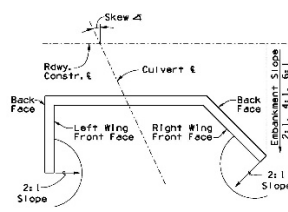
| PIPE COLLAR TABLE |           |        |         |
|-------------------|-----------|--------|---------|
| Pipe Size (in)    | L (ft-in) | T (in) | #4 Ties |
| 12                | 1-0       | 4      | 3       |
| 18                | 1-0       | 5      | 3       |
| 24                | 1-0       | 6      | 3       |
| 30                | 1-6       | 8      | 3       |
| 36                | 1-6       | 8      | 3       |
| 42                | 1-9       | 10     | 4       |
| 48                | 1-9       | 10     | 4       |
| 52                | 1-9       | 10     | 4       |
| 60                | 1-9       | 11     | 4       |
| 66                | 2-0       | 11     | 5       |
| 72                | 2-0       | 14     | 5       |
| 78                | 2-0       | 14     | 5       |
| 84                | 2-3       | 16     | 5       |
| 96                | 2-3       | 16     | 5       |

|                                       |                                                                               |                        |
|---------------------------------------|-------------------------------------------------------------------------------|------------------------|
| DESIGNED BY<br>[Signature]            | STATE OF ARIZONA<br>DEPARTMENT OF TRANSPORTATION<br>ROADWAY STANDARD DRAWINGS | REV.<br>5/12           |
| APPROVED FOR SUBMITTAL<br>[Signature] | PIPE COLLAR DETAILS                                                           | DRAWING NO.<br>C-13.80 |

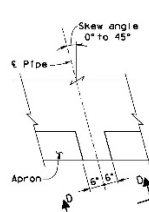


DETAIL B

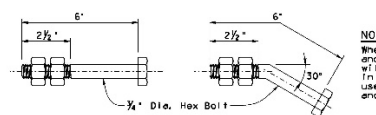
DETAIL C



FILL PLACEMENT DETAIL

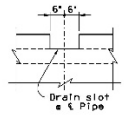


PLAN AT APRON DRAIN

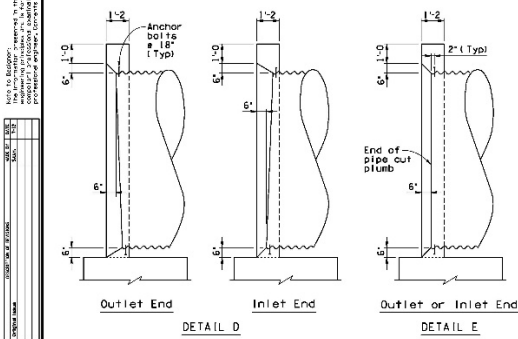


ANCHOR BOLT DETAIL

ALTERNATE ANCHOR BOLT DETAIL



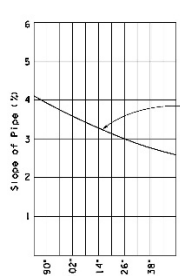
ELEVATION D-D



Outlet End

Inlet End

Outlet or Inlet End



PIPE DIAMETER CHART  
(Use to determine pipe end treatment)

NOTE:  
Headwall details shown on this sheet are for pipes 90" in diameter or greater.

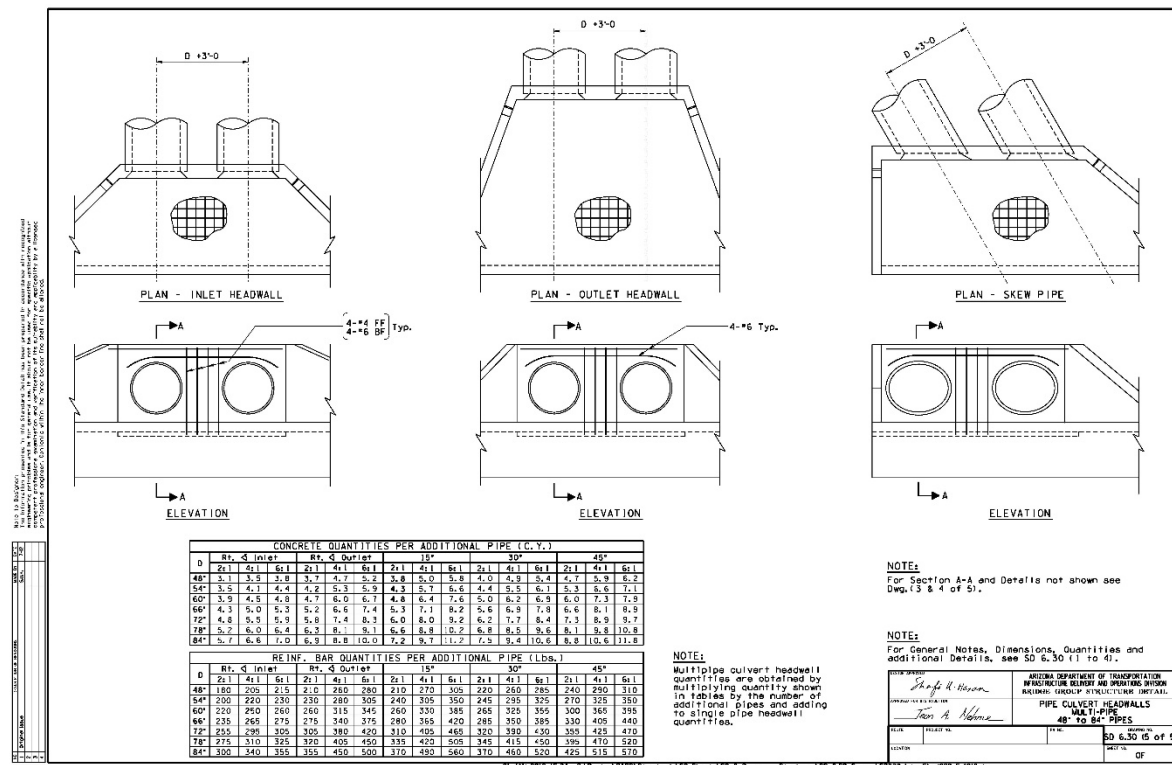
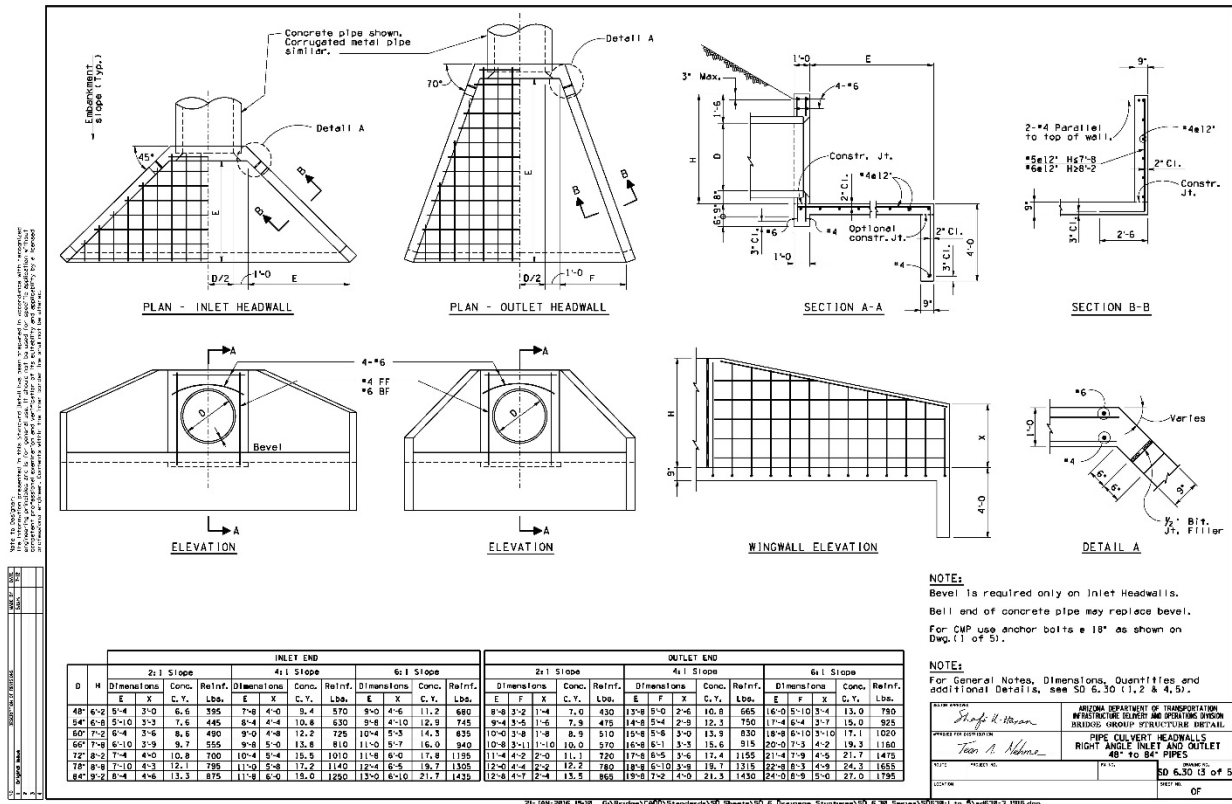
#### GENERAL NOTES:

- Construction Specification - Arizona Department of Transportation Standard Specifications for Road and Bridge Construction, latest Edition.
- Design Specifications - AASHTO RFD Bridge Design Specifications, 6th Edition 2012.
- Loading Class - HL-93.
- Design Soil weight = 120 p.c.f.
- All Concrete shall be Class "S" (f'c = 3000 psi).
- Reinforcing steel shall conform to ASTM Specification A615. All reinforcing shall be furnished as Grade 60.
- All bends and hooks shall meet the requirements of AASHTO RFD Article 5.10. All bend dimensions for reinforcing steel shall be cut-to-out of bars. All placement dimensions for reinforcing steel shall be to center of bars unless noted otherwise.
- All reinforcing steel shall have 2 inch clear cover unless noted otherwise.
- Chamfer all exposed corners 3/4" unless noted otherwise.
- Bolt material shall conform to ASTM A307. Bolts shall be galvanized to conform to ASTM A153.
- Disturbed area of pipe shall be treated in accordance with Standard Specifications requirements when end of pipe is cut to fit skew or slope.
- Compact backfill for footing and wing base minimum 95 percent of ASTM D698 maximum dry density.
- See Project Plans for culvert layout, invert elevations, finished grade elevations, headwall, apron, and other site specific details. Headwall Quantity Tables are approximate and for information purpose only.
- Dimensions shall not be scaled from drawings.

#### NOTES:

For Dimensions, Quantities and additional Details, see SD 6.30 (2 to 5).

|                                       |                                                                               |                        |
|---------------------------------------|-------------------------------------------------------------------------------|------------------------|
| DESIGNED BY<br>[Signature]            | STATE OF ARIZONA<br>DEPARTMENT OF TRANSPORTATION<br>ROADWAY STANDARD DRAWINGS | REV.<br>5/12           |
| APPROVED FOR SUBMITTAL<br>[Signature] | PIPE COLLAR DETAILS                                                           | DRAWING NO.<br>C-13.80 |



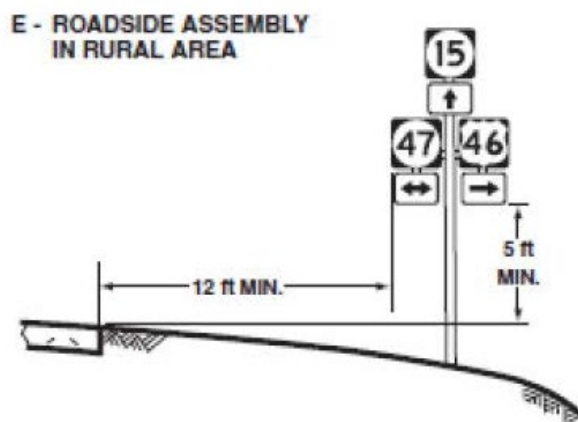
## Appendix D- Signage Placement

Regulatory Sign: “15 MPH” sign- 2 Total

- 1) **Regulatory Sign:** 12 -15 feet from the edge of road surface. A minimum of 6 to 9 feet high from the edge of the Aggregate Base Coarse elevation (edge of road surface), perpendicular to the road.

*\*For reference, See Figure 2A-2Examples of Heights and Lateral Locations of Sign Installations. A- Roadside Sign in Rural Area.*

Figure 2A-2. Examples of Heights and Lateral Locations of Sign Installations



## Appendix E- Addendum Acknowledgement

### Addendum Acknowledgement

**Addendum:**

In submitting this Bid, Respondent represents that: Respondent *has examined and carefully studied the RFP and attachments, and any data and reference items identified in the RFP documents, and hereby acknowledges receipt of the following Addenda:*

**Addendum No:**

**Addendum Date:**

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**Respondent will complete the Work in accordance with the Contract Documents for the following price(s):**

Respondent's Acknowledgement Signature:

---

Name and Title

Company Name

## Appendix F- Reference outline Sample

### **Reference One:**

#### **Include information about who you worked with:**

John Doe, Owner

Company Name: ABC Construction Company, Inc.

P.O. Box 123

Window Rock, AZ 86515

Phone: (928) 871-1000

Email: [jdoe@yahoo.com](mailto:jdoe@yahoo.com)

#### **Describe the project that you worked on for the referenced company:**

**Project Name:** “Tuba City Gravel Project”

**Type of Project:** Gravel Purchase and Delivery

**Project Location:** Tuba City, Arizona

**Project Description:** Company XYZ sub-contracted with ABC Construction Company, Inc. to provide gravel to the “Leupp Gravel Project.” Company XYZ obtain the gravel to Brimhall Gravel Pit according to ABC Construction Company’s specification and delivered to the “Leupp Gravel Project” site.

### **Reference Two:**

#### **Include information about who you worked with:**

Jane Doe, Owner

Company Name: Jane’s Construction Company, Inc.

P.O. Box 456

Tuba City, AZ 86515

Phone: (928) 283-1000

Email: [janed@yahoo.com](mailto:janed@yahoo.com)

#### **Describe the project that you worked on for the referenced company:**

**Project Name:** “Dilkon Culvert Project”

**Type of Project:** Culvert Installation

**Project Location:** Dilkon, Arizona

**Project Description:** Company XYZ sub-contracted with Jane’s Construction Company, Inc. to install 20 culverts (6 x 24”) on Route 090 in Cameron, AZ. Company XYZ completed the drainage analysis, designs, and plans for the installation.