

TOWN OF DEWEY-HUMBOLDT
2017 Fall Pavement Preservation



**CONTRACT DOCUMENTS
AND
SPECIFICATIONS**

**PREPARED BY
TOWN OF DEWEY-HUMBOLDT
2735 South Highway 69, Suite 12
Dewey-Humboldt, Arizona 86329**

September 2017

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ADVERTISEMENT FOR BIDS

Town of Dewey-Humboldt will be accepting bids from eligible bidders for the following activity:
Dewey-Humboldt 2016 Pavement Preservation
2735 South Highway 69, Suite 12
Dewey-Humboldt, Arizona 86329

ACTIVITY DESCRIPTION:

Work includes a preservative pavement seal of approximately 6.10 miles of 18-24' wide roadway. Work also includes placing approximately 30 tons of hot patch repair prior to coating and approximately 25030 LF Double Yellow Line.

Plans and specifications may be obtained at the following location:

TOWN OF DEWEY-HUMBOLDT
2735 South Highway 69, Suite 12
Dewey-Humboldt, Arizona 86329

Bona-fide licensed general contractors may secure copies of the proposed Bid Documents from the above, on the following basis:

1. PLANS AND SPECIFICATIONS DEPOSIT of \$0.00 for one (1) set for each prime bidder. PARTIAL SETS are *not* available. Please call 928-632-7362, Ed Hanks, Public Works Supervisor, for questions.

Sealed bids can be dropped off through Monday August 14, 2017 until 2:00 p.m. by the

Dewey-Humboldt Town Clerk
2735 South Highway 69, Suite 12
Dewey-Humboldt, Arizona 86329

If mailing bid, you must mail to:

Dewey-Humboldt Town Clerk
PO Box 69
Dewey-Humboldt, Arizona 86329

Bids will then be publicly opened immediately after the stated time.

A mandatory pre-bid conference will be held on Monday, August 7, 2017 at 2:00 p.m. at the Dewey-Humboldt Town Hall, 2735 S. Highway 69, Suite 12 Humboldt, AZ.

Each bid must be accompanied by a bond or certified check in the amount of ten percent (10%) of the bid, made payable to **TOWN OF DEWEY-HUMBOLDT**, as guarantee that if the work is awarded to the bidder, he will, within ten days from the date of such award, enter into proper CONTRACT and bond condition for the faithful performance of the work, otherwise said amount will be forfeited to said TOWN OF DEWEY-HUMBOLDT as liquidated damages. Such check or bid bond will be returned to the respective unsuccessful bidders upon the award of the contract to the successful bidder and will be returned to the successful bidder upon the execution and delivery of the satisfactory surety company bonds and construction contract.

Bidders will be requested to supply the following information on the bidders' list: the name of the company, current address, telephone, and fax phone number. Neither the Engineer nor the Town will be responsible for non-receipt of addenda due to incorrect or missing information on the plan holders list.

PLS:pls 2744922.1 7/22/2016

TOWN OF DEWEY-HUMBOLDT will endeavor to insure in every way possible that disadvantaged/minority/women-owned business enterprises plus Section 3 qualified businesses shall have every opportunity to participate in providing professional services, goods and construction contracts without being discriminated against on the grounds of race, religion, sex age or natural origin.

PROPOSAL
TOWN OF DEWEY-HUMBOLDT, ARIZONA
PUBLIC WORKS DEPARTMENT

PROPOSAL to the Town of DEWEY-HUMBOLDT.

In compliance with the Advertisement for Bids, by the Town Engineer, the undersigned Bidder:

Having examined the contract documents, site of work, and being familiar with the conditions to be met, hereby submits the following Proposal for furnishing the material, equipment, labor and everything necessary for the completion of the work listed and agrees to execute the contract documents and furnish the required bonds and certificates of insurance for the completion of said work, at the locations and for the prices set forth on the inside pages of this form.

Understands that construction of this project shall be in accordance with all applicable Uniform Standard Specifications and Standard Details for Public Works Construction Sponsored and Distributed by the Maricopa Association of Governments except as otherwise required by the Project Plans and Specifications.

Understands that this proposal shall be submitted with a proposal guarantee in the form of a certified check, cashier's check or surety bond for ten (10) per cent of the amount bid.

Is willing and able to certify, as required by A.R.S. § 35-393 that the bidder is not currently engaged in and, for the duration of the contract will not engage in, a boycott of Israel as that term is defined in A.R.S. § 35-393.

Agrees that upon receipts of Notice of Award, from the Town, he will execute the contract documents.

Work shall be completed within **30** business days, beginning with the day following the starting date specified in the Notice to Proceed. The time allowed for completion of the work includes lead time for obtaining the necessary material and/or equipment. The Contractor shall acknowledge that due to seasonal change he may be restricted from beginning work until weather and temperatures allow for oil placement. Contract times will be extended around weather limitations.

The Bidder hereby acknowledges receipt of and agrees his proposal on the following Addenda.

NOTICE TO ALL BIDDERS:

Town of Dewey-Humboldt is an equal opportunity employer.

SURETY BOND

KNOW ALL MEN BY THESE PRESENTS:

That we, _____, as Principal, (hereinafter called the Principal), and the _____, a corporation duly organized under the laws of the State of _____ and duly licensed and possessing a certificate of authority to transact surety business in the State of Arizona, as Surety, (hereinafter called the Surety), are held and firmly bound unto the _____ of _____ as Oblige, in the sum of ten percent (10%) of the total amount of the bid of Principal, submitted by him to the _____ of _____ for the work described below, for the payment of which sum, well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, and administrators, successors, and assigns, jointly and severally, firmly by these presents, and in conformance with Arizona Revised Statutes.

WHEREAS, the said Principal is herewith submitting its proposal for Dewey-Humboldt 2016 Pavement Preservation Project.

NOW, THEREFORE, if the _____ of _____ shall accept the proposal of the Principal and the Principal shall enter into a contract with the _____ of _____ in accordance with the terms of the proposal and give the Bonds and Certificates of Insurance as specified in the Standard Specifications with good and sufficient Surety for the faithful performance of the contract and for the prompt payment of labor and materials furnished in the prosecution of the contract, or in the event of the failure of the Principal to enter into the contract and give the Bonds and Certificates of Insurance, if the Principal pays to the _____ of _____ the difference not to exceed the penalty of the bond between the amount specified in the proposal and such larger amount for which the oblige may in good faith contract with another party to perform the work covered by the proposal then this obligation is void. Otherwise it remains in full force and effect provided, however, that this bond is executed pursuant to the provisions of Section 34-201, Arizona Revised Statutes, and all liabilities on this bond shall be determined in accordance with the provisions of the section to the extent as if it were copied at length herein.

Signed and sealed this _____ day of _____, A.D., 20__

Principal

Title

Witness:

Surety

Title

Witness:

CONTRACT

THIS AGREEMENT, made and entered into this ____ day of _____, 2017, by and between _____, County of _____, and State of Arizona, hereinafter designated the CONTRACTOR, and the Town of DEWEY-HUMBOLDT, a municipal corporation, organized and existing under and by virtue of the State of Arizona, hereinafter designated the TOWN.

WITNESSETH: That the Contractor, for and in consideration of the sum to be paid him by the Town, in the manner and at the time hereinafter provided, and of the other covenants and agreements herein contained, and under the penalties expressed in the bonds provided, hereby agrees, for itself, its successors, and assigns as follows:

ARTICLE I—SCOPE OF WORK: The Contractor shall furnish any and all labor, materials, equipment, transportation, utilities, services and facilities required to perform all work for the construction of **Dewey-Humboldt 2017 Fall Pavement Preservation Project** and to completely and totally construct the same and install the material therein for the Town, in a good and workmanlike and substantial manner and to the satisfaction of the Town through its Engineers and under the direction and supervision of the Town Engineer, or his properly authorized agents and strictly pursuant to and in conformity with the Plans and Specifications, and with such modifications of the same and other documents that may be made by the Town through the Engineer or his properly authorized agents, as provided herein.

ARTICLE II—CONTRACT DOCUMENTS: The Call for Bids, Plans, Standard Specifications and Details, Special Provisions, Addenda, if any, and Proposal, as accepted by the Mayor and Council, Performance Bond, Payment Bond, Certificates of Insurance, and Change Orders, if any, are by this reference made a part of this Contract to the same extent as if set forth herein in full.

ARTICLE III—TIME OF COMPLETION: The Contractor further covenants and agrees at his own proper cost and expense, to do all work as aforesaid for the construction of said improvements and to completely construct the same and install the material therein, as called for by this agreement free and clear of all claims, liens, and charges whatsoever, in the manner and under the conditions specified within the time, or times, stated in the Proposal.

ARTICLE IV—PAYMENTS: For and in consideration of the faithful performance of the work herein embraced as set forth in the Contract Documents, which are a part hereof and in accordance with the directions of the Town, through its Engineer, and to his satisfaction, the Town agrees to pay the said Contractor the amount earned, computed from actual quantities of work performed and accepted or materials furnished at the unit bid price on the Proposal made a part hereof, and to make such payment within forty-five (45) days after final inspection and acceptance of the work.

ARTICLE V—COMPLIANCE WITH FEDERAL AND STATE LAWS: The Contractor understands and acknowledges the applicability to it of the American with Disabilities Act, the Immigration Reform and Control Act of 1986 and the Drug Free Workplace Act of 1989. The following is only applicable to construction contracts: The Contractor must also comply with A.R.S. § 34-301, "Employment of Aliens on Public Works Prohibited", and A.R.S. §34-302, as amended, "Residence Requirements for Employees."

Under provisions of A.R.S. §41-4401, Contractor hereby warrants to the Town that the Contractor and each of its subcontractors ("Subcontractors") will comply with, and are contractually obligated to comply with, all Federal Immigration laws and regulations that relate to their employees and A.R.S. § 23-214(A) (hereinafter "Contractor Immigration Warranty").

A breach of the Contractor Immigration Warranty shall constitute a material breach of the Contract and shall subject the Contractor to penalties up to and including termination of the Contract at the sole discretion of the Town.

The Town retains the legal right to inspect the papers of any Contractor or Subcontractors employee who works on this Contract to ensure that Contractor or Subcontractor is complying with the Contractor Immigration Warranty. Contractor agrees to assist the Town in regard to any such inspections.

The Town may, at its sole discretion, conduct random verification of the employment records of the Contractor and any of its Subcontractors to ensure compliance with the Contractor's Immigration Warranty. Contractor agrees to assist the Town in regard to any random verifications performed.

Neither the Contractor nor any of its Subcontractors shall be deemed to have materially breached the Contractor Immigration Warranty if the Contractor or Subcontractor establishes that it has complied with the employment verification provisions prescribed by sections 274A and 274B of the Federal Immigration and Nationality Act and the E-Verify requirements prescribed by A.R.S. §23-214, Subsection A.

The provisions of this Article V must be included in any contract the Contractor enters into with any and all of its Subcontractors who provide services under this Contract or any subcontract. "Services" are defined as furnishing labor, time or effort in the State of Arizona by a contractor or subcontractor. Services include construction or maintenance of any structure, building or transportation facility or improvement to real property.

Contractor hereby certifies that it is not currently engaged in and, for the duration of the contract will not engage in, a boycott of Israel, as that term is defined in A.R.S. § 35-393.

ARTICLE VI – INDEMNIFICATION: To the fullest extent permitted by law, the Contractor, its successors and assigns shall indemnify and hold harmless the Town, its officers and employees from and against all liabilities, damages, losses and costs (including reasonable attorney fees and court costs) to the extent caused by the negligence, recklessness or intentional wrongful conduct of the Contractor or other persons employed or used by the Contractor in the performance of this Agreement. The Contractor's duty to indemnify and hold harmless the Town, its officers and employees shall arise in connection with any claim, damage, loss or expense that is attributable to bodily injury, sickness, disease, death, or injury to, impairment, or destruction of property including loss of use of resulting there from, caused by the Contractor's negligence, recklessness or intentional wrongful conduct in the performance of this Agreement and the negligence, recklessness or intentional wrongful conduct of any person employed by the Contractor or used by the Contractor in the performance of this Agreement.

IN WITNESS WHEREOF, four (4) identical counterparts of this contract each of which shall be for all purposes be deemed an original thereof, have been duly executed by the parties herein above named, on the date and year first above written.

The Contractor agrees that this Contract, as awarded, is for the stated work, and understands that payment for the total work will be made on the basis of indicated amount(s), as bid in the Proposal.

ATTEST:

(CONTRACTOR)
By _____
Name and Title

WITNESS: If Contractor is an Individual

(Corporate Seal)

ATTEST:

Town of DEWEY-HUMBOLDT

Judy Morgan, Town Clerk

Terry Nolan, Mayor

APPROVED AS TO FORM:

Susan D. Goodwin, Town Attorney

CONTRACT PERFORMANCE BOND

**STATUTORY PERFORMANCE BOND PURSUANT TO
TITLE 34, CHAPTER 2, ARTICLE 2,
OF THE ARIZONA REVISED STATUTES
(Penalty of this bond must be 100% of Contract amount)**

KNOW ALL MEN BY THESE PRESENTS:

That, _____ (hereinafter called the Principal), as Principal, and _____, a corporation organized and existing under the laws of the State of _____ and duly licensed and possessing a certificate of authority to transact surety business in the State of Arizona, with its principal office in the Town/City of _____, (hereinafter called the Surety) as Surety, are held firmly bound unto the _____ of _____ (hereinafter called the Obligee), in the amount of _____ (\$_____), for the payment whereof, the said Principal and Surety bind themselves, and their heirs, administrators, executors, successors, and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has entered into a certain written contract with the Obligee dated the _____ day of _____, 20____, to construct _____ which contract is hereby referred to and made a part of hereof as fully and to the same extent as if copied at length herein.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the Principal shall faithfully perform and fulfill all of the undertakings, covenants, terms, conditions and agreements of the contract during the original term of the contract and any extension of the contract with or without notice to the Surety, and during the life of any guaranty required under the contract and also performs and fulfills all of the undertakings, covenants, terms, conditions and agreements of all duly authorized modifications of the contract that may hereafter be made, notice of which modifications to the Surety being hereby waived; the above obligation is void. Otherwise it remains in full force and effect.

PROVIDED, HOWEVER, that this bond is executed pursuant to the provisions of Title 34, Chapter 2, Article 2, Arizona Revised Statutes, and all liabilities on this bond shall be determined in accordance with the provisions, of Title 34, Chapter 2, Article 2, Arizona Revised Statutes, to the extent as if it were copied at length in this Agreement.

The prevailing party in a suit on this bond shall recover as part of the judgment reasonable attorney fees that may be fixed by a judge of the court.

Witness our hands this _____ day of _____, 20____

PRINCIPAL SEAL

AGENCY OF RECORD

By _____

SURETY

AGENCY ADDRESS

By _____

LABOR AND MATERIALS PAYMENT BOND

**STATUTORY PAYMENT BOND PURSUANT TO
TITLE 34, CHAPTER 2, ARTICLE 2,
OF THE ARIZONA REVISED STATUTES
(Penalty of this bond must be 100% of the Contract amount)**

KNOW ALL MEN BY THESE PRESENTS:

That, _____ (hereinafter called the Principal), as Principal, and _____, a corporation organized and existing under the laws of the State of _____ and duly licensed and possessing a certificate of authority to transact surety business in the State of Arizona, with its principal office in the Town/City of _____, (hereinafter called the Surety) as Surety, are held firmly bound unto the _____ of _____ (hereinafter called the Obligee), in the amount of _____ (\$ _____), for the payment whereof, the said Principal and Surety bind themselves, and their heirs, administrators, executors, successors, and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has entered into a certain written contract with the Obligee dated the _____ day of _____, 20____, to construct Project 2015 Pavement Preservation which contract is hereby referred to and made a part of hereof as fully and to the same extent as if copied at length herein.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the Principal promptly pays all moneys due to all persons supplying labor or materials to the Principal or the Principal's subcontractors in the prosecution of the work provided for in the contract, this obligation is void, otherwise it remains in full force and effect.

PROVIDED, HOWEVER, that this bond is executed pursuant to the provisions of Title 34, Chapter 2, Article 2, Arizona Revised Statutes, and all liabilities on this bond shall be determined in accordance with the provisions, conditions and limitations of Title 34, Chapter 2, Article 2, Arizona Revised Statutes, to the extent as if it were copied at length in this Agreement.

The prevailing party in a suit on this bond shall recover as part of the judgment reasonable attorney fees that may be fixed by a judge of the court.

Witness our hands this _____ day of _____, 20____

PRINCIPAL SEAL

AGENCY OF RECORD

By _____

SURETY

AGENCY ADDRESS

By _____

TOWN OF DEWEY-HUMBOLDT, ARIZONA

ENGINEERING DEPARTMENT CERTIFICATE OF INSURANCE

The _____ Certifies that the following insurance policies have been issued on behalf of

Name of Insured _____

Address of Insured _____

Type of Insurance	Carrier	Policy No.	Eff. Date	Min. Amt. Of Coverage	Exp. Date	Limits of Liability
(1) Workmen's Compensation						Statutory
(2) Contractor's Protective Bodily Injury				\$2,000,000		Each Occurrence
(3) Contractor(s) Protective Property Damage				\$1,000,000 \$1,000,000		Each Accident Aggregate
(3) Contractual Bodily Injury				\$2,000,000		Each Occurrence
(3) Contractual Property Damage				\$1,000,000 \$1,000,000		Each Accident Aggregate
(4) Automobile Bodily Injury & Property Damage				\$1,000,000		Each Occurrence

Town makes no representation that coverage and limits will be adequate to protect Contractor. All insurance required herein shall be maintained in full force and effect until all work required to be performed is satisfactorily performed, completed and formally accepted by Town. All insurance coverage shall be on an occurrence basis and not a claims made basis. Policies of insurance shall not be terminated or modified without at least 10 days' notice to Town.

When the project includes construction of a new, or modification of an existing building (**in addition to the above types**):

(6) Fire and Extended Coverage plus Vandalism and Malicious Mischief for the Full Amount of Contract, with the Town of DEWEY-HUMBOLDT named as an additional insured.

Policy No.	Exp. Date	Amount
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(7) Umbrella Coverage

Policy Includes Coverage For:

- A. 1. Damage caused by blasting
- 2. Damage caused by collapse or structural injury
- 3. Damage to underground utilities

- B. Liability assumed in construction agreements and other types of contracts or agreements in effect in connection with insured operations.

C. All owned, hired or non-owned automotive equipment used in connection with the insured operation.

It is agreed that none of these policies will be canceled or changed so as to affect this certificate until ten (10) days written notice of such cancellation or change has been delivered to the Town of Dewey-Humboldt.

It is further agreed that:

- (1) These policies shall not expire until all work has been completed and the project has been accepted by the Town of Dewey-Humboldt. **(If a policy does expire during the life of the Contract, a renewal Certificate of the required coverage must be sent to the Town of Dewey-Humboldt not less than five days prior to expiration date.)**

This certificate is not valid unless countersigned by an authorized representative of the Insurance Company.

Date _____ Countersigned by _____

Signature

TECHNICAL SPECIFICATIONS

The latest version of the Uniform Standard Specifications for Public Works construction sponsored and distributed by the Maricopa Association of Governments (MAG Specifications) are applicable to this project.

These Technical Specifications amend or supplement the latest version of the MAG Specifications and other provisions of the contract documents as indicated herein. All provisions which are not so amended or supplemented remain in full force and effect.

If a section of the MAG Specifications is deleted in these Technical Specifications, all other references to that section are subsequently deleted.

PART TS - 100 GENERAL CONDITIONS

TS-102 Bidding Requirements and Conditions - Amend MAG Section 102 as follows:

TS-102.13 Delete MAG section 102.13 in its entirety and replace with the following:

Unless otherwise specified in the proposal pamphlet, the successful bidder may obtain 4 sets of plans and specifications, for the project from the Contracting Agency, at no cost.

TS-104 Scope of Work - Amend MAG Section 104 as follows:

TS-104.1 Add the following paragraph to the end of MAG Section 104.1.1:

Work includes a preservative pavement seal of approximately 6.10 miles of 18-24' wide roadway. Work also includes placing approximately 30 tons hot patch repair prior to Fogging and approximately 25030 linear feet of Double Yellow Stripe. See Appendix A for maps and road locations.

TS-105 Control of Work - Amend MAG Section 105 as follows:

TS-105.5 Amend the first paragraph of MAG Section 105.5 to read:

The Contractor will be supplied with a minimum of 4 sets of approved plans and specifications, one set of which the Contractor shall keep available on the work at all times.

TS-105.8 Delete MAG section 105.8 in its entirety.

TS-106 Control of Materials - Amend MAG Section 106 as follows:

TS-106.2 Amend the first sentence of the second paragraph of MAG section 106.2 to read:

The contractor will pay for the initial or normal test required by the Engineer to guard against unsuitable materials or defective workmanship.

TS-110 **General Provisions** - Add the following section in its entirety.

TS-110.1 DESCRIPTION:

The work under this Section shall consist of the following:

- Obtaining all permits; Moving all materials and equipment onto the site; Furnishing and erecting construction facilities; Implementing security requirements; Providing onsite sanitary facilities; Arranging for and preparing CONTRACTOR'S work storage area; Developing a detailed construction schedule acceptable to ENGINEER; Provide and install project sign(s), fences, gates, etc.
- Preparation of reports, records and record drawings
- Preparation and processing pay requests, schedules, samples and shop drawings
- Equipment inspection and testing
- Materials testing of soils, concrete and asphalt concrete
- Providing patent and license fees
- Providing construction survey staking
- Paying all permit and temporary license fees
- Installing temporary construction power and wiring
- Protection of the work, property and persons
- Providing insurance and bonds
- Coordination with other contractors under separate contracts with the TOWN
- Provide a temporary land zone for construction facilities or material storage
- Provide guarantees, taxes, and environmental construction requirements
- Schedule conferences and meetings
- Provide traffic control, barricades, warning devices
- Provide surveys, schedules, reports and records preparation
- Notification of property owners and any other incidentals necessary or required to provide a complete project which is not included in other bid items
- Providing water and water meter to site necessary for construction

TS-110.2 METHOD OF MEASUREMENT:

No measurement will be made for this item.

TS-110.3 BASIS OF PAYMENT:

No separate payment will be made for this item. The work listed above will be included in the total project bid cost.

PART TS – 300 STREETS AND RELATED WORK

PART TS – 333 Fog Seal Coats

TS-333.1 **Description:** As written.

TS- 333.2 **Time of Application and weather conditions:** As written.

TS- 333.3 **Materials:**

TS- 333.3.1 **Emulsified Asphalt:** Add CQS-1H 50/50.

TS- 333.4 **Test, Test Reports and Certificates:** As written.

TS- 333.5 **Preparation of surfaces:** Add following information to beginning of paragraph.

Hot patch repair shall include providing 1/2 inch AC to fill in various pot holes and road shoulders. The work shall include tack and compaction of subgrade as well as compaction of the AC with steel drum compactor at various locations in Town.

- TS-333.6** **Application of asphalt emulsion:** Replace the second to the last sentence of the first paragraph with the sentences:
- Application rate shall be .15 gallons per square yard. The rates of application may vary because of different conditions within the project limits.
- TS-333.8** **Protection for Adjacent Property:** Add following information to the end of the section:
Contractor will be responsible for any and all clean up should oil contaminate any washes and/or drainage areas.
- TS-333.9** **Protection of Treated Surface:** As written
- TS-333.10** **Payment:** Payment for product will be in accordance with the agreed upon contract.
- TS-337** **ASPHALT CRACK SEAL**-add the following:
- TS-337.1** As written.
- TS-337.2** Materials:
Material shall meet all test specifications
- TS-337.5** Preparation of Surfaces:
Immediately before applying the sealant, cracks shall be cleaned of dirt and loose material by means of Compressed air, hand brooms with debris being swept to the shoulder of road. Cracks shall be filled flush with surrounding Pavement upon curing.
- Pedestrian and Vehicle Protection:
Contractor shall protect pedestrian and vehicles from applied product until product has had sufficient time to cure.
- TS-337.9** Measurement and payment:
- Crack seal shall be measured and paid for by the gallon complete and in place as specified in the Bid Schedule.

PART TS – 400 RIGHT-OF-WAY AND TRAFFIC CONTROL

- TS-401** **Traffic Control** – Delete MAG Section 401 in its entirety. Add the following:
- Section 401 Construction Traffic Control**
- TS-401.1** Description
- This item shall consist of traffic control devices, flagmen and/or pilot cars. All traffic control devices, the application of traffic control measures and traffic regulations in these specifications are to supplement and are not intended to delete any of the provisions of the Contracting Agency's Traffic Barricade Manual or any agency supplement to the manual of Uniform Traffic Control

Devices. The Contractor shall submit to the Engineer for approval a traffic control plan and schedule prior to commencing the construction.

TS-401.2 Materials

All materials for traffic control devices and flagmen equipment for construction projects shall meet the Engineer's approval and conform to Part IV of the most current edition of the Manual of Uniform Traffic Control Devices.

A reader board is required 48 hours ahead of the coating work in the areas of Kachina Place west of Highway 69 and Foothills Road South of Highway 169. Message will read the dates that the work will be performed.

TS-401.3 Construction Methods

Traffic control devices shall consist of providing, erecting and maintaining necessary and adequate traffic control devices for the protection of the Work, the workmen, and the traveling public in conformance with industry standards and the approved plan.

Pilot vehicles will be required for work on Henderson/Newtown Road.

TS-401.3.1 Temporary control devices shall be used to guide traffic through construction areas. They include traffic cones to channelize traffic, portable barricades for warning, vertical panel channelizing devices to divert traffic and lighting devices between the hours of sunset and sunrise.

TS-401.3.2 Advance warning devices shall be used to alert the motorist of an obstruction in the roadway. They include diamond shaped signs, flags and flasher type high level warning devices mounted eight (8) feet above the roadway.

Traffic maintenance and control through the construction area for the duration of the project is the responsibility of the Contractor. The Contractor shall keep the road open and in an acceptable condition for traffic (local only if an alternate route is available) while the improvements are being made, unless a road closure is approved by the Engineer in advance. Twenty-four hour advance notification shall be given to the Engineer, all emergency services and schools prior to any partial or complete road closure. If the street is to remain open to traffic, the Contractor shall arrange his work so that only one side of the road is denied to traffic for any one time. During the hours of construction inactivity, two-way traffic shall be provided for. The contractor shall also provide and maintain in a safe condition temporary approaches or crossings and intersections with trails, streets, businesses, parking lots and garages at all times. Temporary ramps, when required, shall be constructed of asphalt and shall meet ADA requirements.

TS-401.3.3 Traffic Regulations

Local roads within Dewey-Humboldt may be reduced, when construction requires, during the times indicated below:

A minimum of one lane with flagmen shall be maintained at all times during construction. During non-work hours a minimum of two lanes (one for each way) shall be maintained. Detours through side streets are allowed during working hours per the Town approved traffic control plan.

Contractor shall be responsible for creating a traffic control plan and obtaining an encroachment permit from ADOT to perform work at or near Highway 69 right-of-way.

Police Officer Requirements

When construction activities do not restrict traffic through the intersections, police officer hours may be reduced or suspended at the direction of the Engineer. Preference shall be given to using local police and sheriff department forces when available.

Local Access Requirements

The Contractor shall maintain local access to all side streets, access roads driveways, alleys, and parking lots at all times and shall notify resident 72 hours in advance of any restrictions, which will affect their access. The Contractor shall restore the access as soon as possible. If the primary access cannot be restored in a timely manner, the Contractor shall provide an alternative that shall be pre-determined with the residents prior to imposing restrictions. Any local street restrictions imposed shall be such that local area traffic circulation is maintained.

Business Access Requirements

Access shall be maintained to adjacent businesses at all times during their hours of operation. Access may be maintained by such measures as constructing driveways in half section, or by providing bridging over new concrete. Properties with multiple driveway access shall not have more than one driveway access restricted at any given time. While the one driveway is restricted, access to the other adjacent driveways shall be maintained and unrestricted. Each individual driveway access restriction shall be no more than fourteen (14) days prior to imposing restrictions.

Pedestrian Access Requirements

The Contractor shall ensure that all sidewalks on this project remain in compliance with the Americans with Disabilities Act (ADA) Standards. All open pedestrian walkway areas, paved or unpaved, shall be maintained and safely usable at all times. Such measures as backfilling or ramping to existing sidewalks, or providing alternate sidewalk areas adjacent to existing sidewalks may be used. In high pedestrian use areas, the Engineer may request temporary hard-surface walkways, such as plywood sheets to be installed at no additional cost to the Town.

Special Sign Requirements

The Contractor shall provide, erect, and maintain advance notification; informational; and directional access signs (for businesses, churches, hospitals, etc.) that may be required by the Engineer. The cost shall be included in the bid item for Traffic Control Devices.

Bus Stops

The Contractor shall maintain all existing bus stop locations on this project in a safe manner, or provide alternate bus stop locations and related directional signage as required by the Engineer.

Flagging of Traffic

Flagging of traffic will be permitted during work hours.

Traffic Control Plan

The Contractor shall submit a traffic control plan for approval, showing placement of all traffic control devices, including all confliction signs to be covered/removed or relocated, or other features that may conflict with the placement of temporary signage. This plan shall be submitted to the Engineer at the Pre-Construction meeting or before and to ADOT for work impacting Highway 69 prior to beginning work. The Contractor shall allow the Engineer two (2) calendar days for review and approval of an acceptable plan.

Temporary Traffic Control Zone and Safety

At the Pre-Construction meeting, the Contractor shall designate an employee, other than the Project Superintendent, who is knowledgeable in the principles and methods of proper traffic control and safety. This employee shall be available on the project side during all periods of construction to coordinate and maintain safe, acceptable, and effective temporary barricading whenever construction affects traffic. This person shall be the point of contact for the Engineer, and fully responsible for the Contractor's traffic control setup.

TS-401.3.4 Sequence of Construction

The sequence of construction shall conform to the requirements of the Special Traffic Regulations. The project shall follow a phasing plan approved by the Engineer. All land shall be maintained on a paved surface or compacted all weather surfaces.

TS-401.4 Method of Measurement

No measurement will be done for individual traffic control devices and signing. The lump sum amount for traffic control and signing, if listed in the Bid Schedule, shall be prorated over the length of the project and a portion of the lump sum paid accordingly on the partial pay estimates.

Whenever review by the Engineer determines that traffic maintenance and control is insufficient or deficient with the approved plan, a written list of deficiencies shall be provided to the Contractor. Deficiencies not corrected within 24 hours will result in a deduction from the Contractor's pay estimate based on current market prices for the deficient devices and flagmen, as appropriate. The deduction will continue until corrections have been made and verified by the Engineer. The Contractor will be provided with a written itemization of deductions.

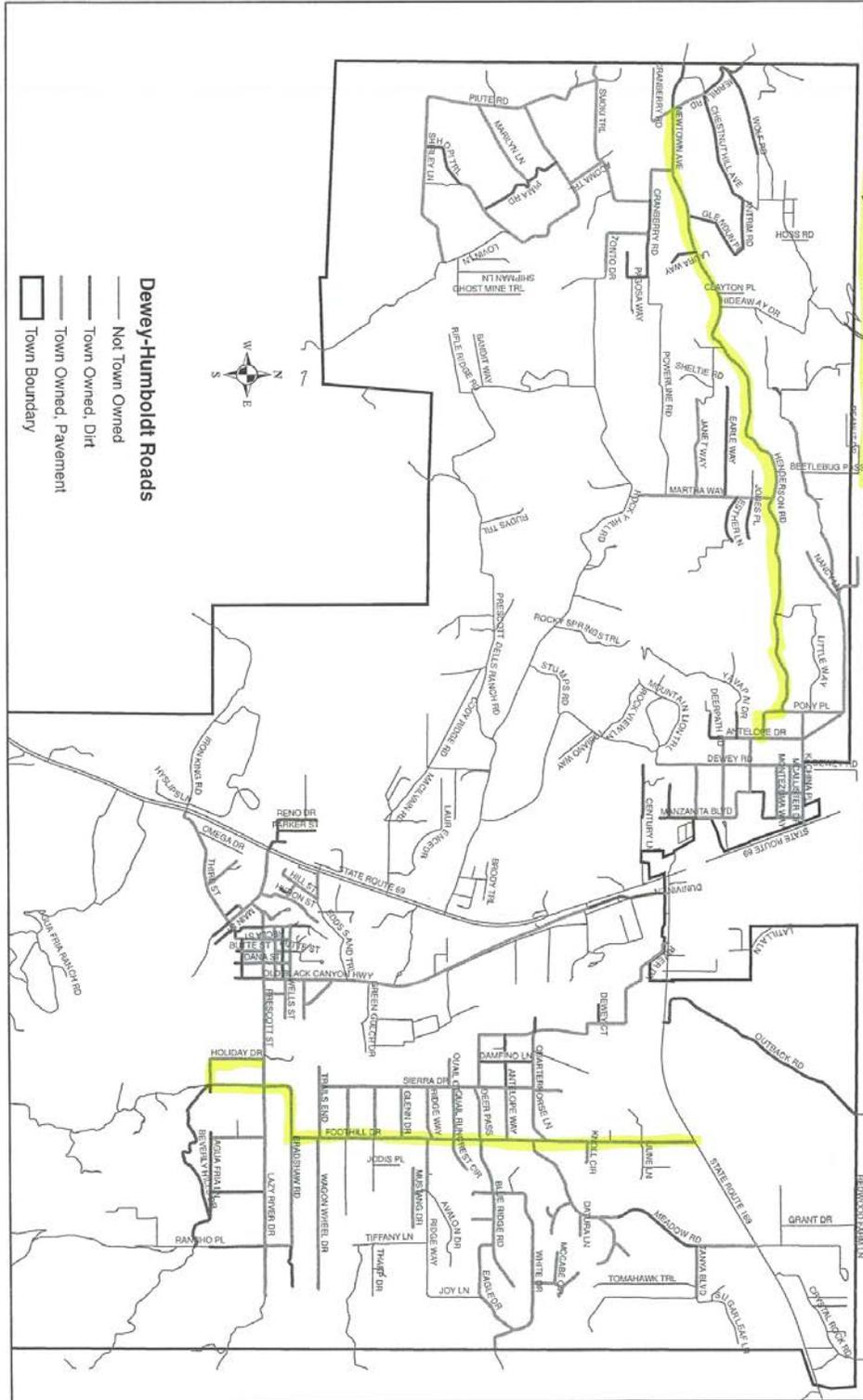
TS-401.5 Basis of Payment

Payment shall be made at the contract unit price, if listed in the Bid Schedule, for traffic control. This price shall be full compensation for furnishing all materials, labor, equipment, tools and incidentals necessary to complete the item.

Payment will be made under:

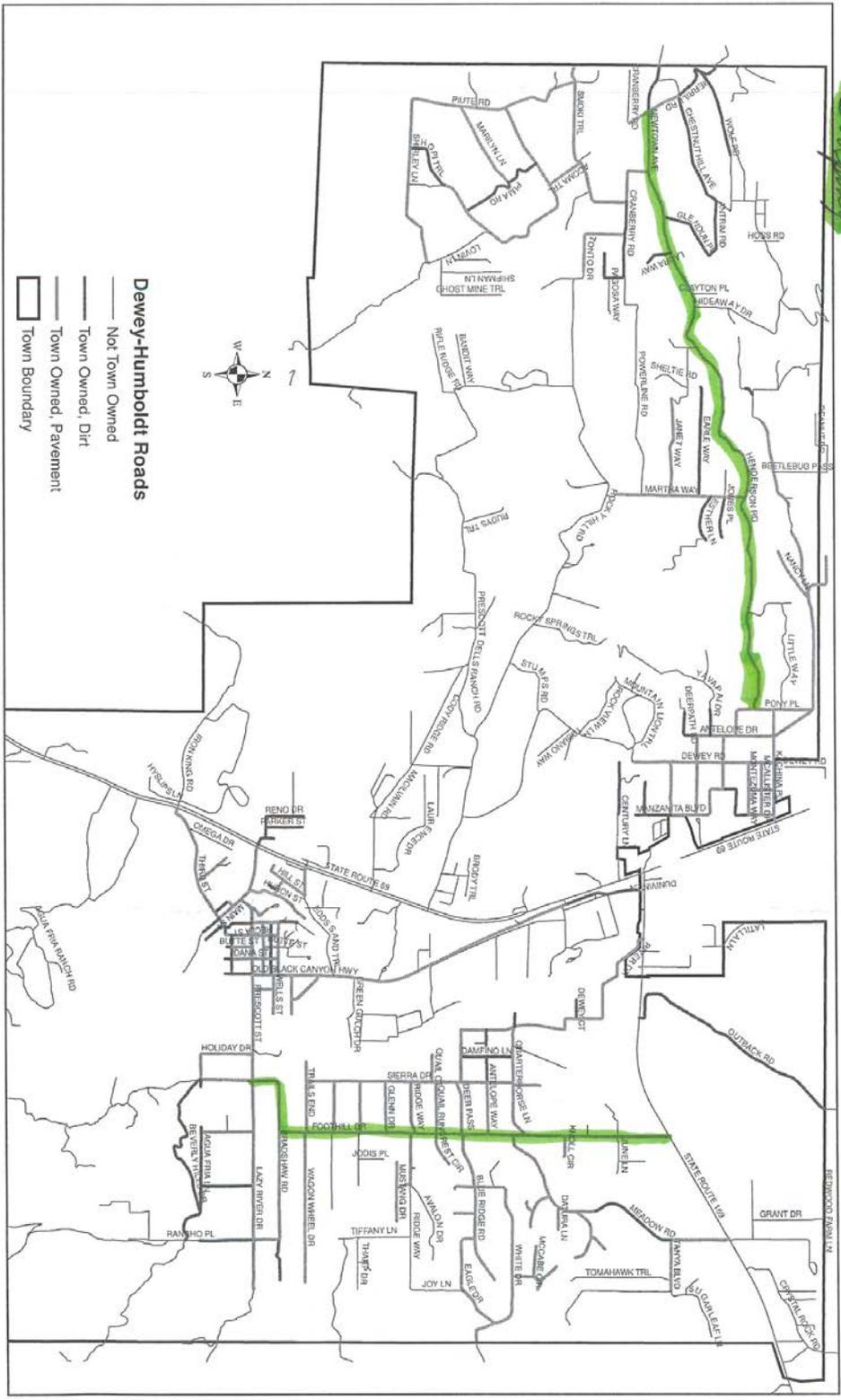
Construction Traffic Control	Lump Sum (LS)
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APPENDIX A Maps



Grade Redding

Striping



APPENDIX B
Bid Schedule
2016/2017
Pavement Preservation Cost

Item No.	Description	Quantity	Units	Unit Price	Total
1	Mobilization	1	LS		
2	Allowance for extra work	1	LS	\$5000.00	\$5000.00
3	Traffic Control	1	LS		
4	Prepare road surface with hot patch repair	30	Ton		
5	Fog Seal Per Mag Section 333 using CQS-1h 50/50 - .10 Application Rate	83265	SY		
6	Double Yellow Centerline Stripe	25013	LF		
7					
8					
9					
10					
11	Total Base Bid				

