

**TOWN OF CAMP VERDE  
CDBG GRANT #100-11**

**PROJECT MANUAL  
VOLUME II**

**SPECIAL PROVISIONS  
For  
Town of Camp Verde  
Hollamon Street Improvement Project**



May 2012  
**TOWN OF CAMP VERDE  
CAMP VERDE, ARIZONA**

## TABLE OF CONTENTS

<b>SECTION 000 INTRODUCTION .....</b>	<b>2</b>
<b>SECTION 101 ABBREVIATIONS AND DEFINITIONS .....</b>	<b>3</b>
<b>SECTION 102 BIDDING REQUIREMENTS AND CONDITIONS .....</b>	<b>3</b>
<b>SECTION 103 AWARD AND EXECUTION OF CONTRACT .....</b>	<b>5</b>
<b>SECTION 104 SCOPE OF WORK .....</b>	<b>5</b>
<b>SECTION 105 CONTROL OF WORK.....</b>	<b>7</b>
<b>SECTION 106 CONTROL OF MATERIALS.....</b>	<b>8</b>
<b>SECTION 107 LEGAL RELATIONS AND RESPONSIBILITY TO PUBLIC .....</b>	<b>8</b>
<b>SECTION 108 COMMENCEMENT, PROSECUTION AND PROGRESS.....</b>	<b>10</b>
<b>SECTION 109 MEASUREMENTS OF QUANTITIES.....</b>	<b>11</b>
<b>SECTION 310 UNTREATED BASE.....</b>	<b>13</b>
<b>SECTION 321 ASPHALT CONCRETE PAVEMENT .....</b>	<b>14</b>
<b>SECTION 340 CONCRETE CURB, GUTTER, SIDEWALK, SIDEWALK RAMPS, DRIVEWAY AND ALLEY ENTRANCE.....</b>	<b>15</b>
<b>SECTION 345 ADJUSTING FRAMES, COVERS, VALVE BOXES AND WATER METER BOXES .....</b>	<b>17</b>
<b>SECTION 350 REMOVAL OF EXISTING IMPROVEMENTS .....</b>	<b>18</b>
<b>SECTION 631 WATER TAPS AND METER SERVICE CONNECTIONS.....</b>	<b>18</b>

## SECTION 000 INTRODUCTION

The work embraced herein shall be done in accordance with the requirements of the following:

Maricopa Association of Governments, *Uniform Standard Specifications for Public Works Construction*, most recent edition (MAG Specifications);

Maricopa Association of Governments, *Standard Details for Public Works Construction*, most recent edition (MAG Details);

Town of Camp Verde Engineering Standards, most recent edition;

Arizona Department of Environmental Quality Engineering Bulletins:

American Water Works Association Standards, most recent edition;

Arizona Department of Transportation (ADOT) Standard Specifications and Details, most recent editions.

U.S. Department of Transportation, Federal Highway Administration, Manual on Uniform Traffic Control Devices (MUTCD).

ADOT Specifications were used when the MAG Specifications did not have an applicable specification or when the ADOT Specification was preferable to MAG. The Special Provisions designate when ADOT Specifications shall be substituted for MAG Specifications. Modifications to the MAG Specifications and ADOT Specifications (from here on referred to as the Specifications) are made in the Special Provisions and take precedence over the Specifications as follows: where there is no conflict between the Specifications and the Special Provisions, the Special Provisions are to be construed as being additions to the Specifications. In cases of conflict between the Specifications and the Special Provisions, the Special Provisions are to be construed as supplanting only the conflicting portions of the Specifications.

In the case of conflict, the following order of precedence shall govern:

1. Construction Plans
2. Special Provisions
3. Town of Camp Verde Engineering Standards and Specifications
4. MAG Standards and Specifications
5. ADOT Standards and Specifications
6. Manual of Uniform Traffic Control Devices (MUTCD)

**SPECIAL PROVISIONS  
MODIFICATIONS TO THE MAG AND ADOT SPECIFICATIONS**

**SECTION 101 ABBREVIATIONS AND DEFINITIONS**

**101.2 DEFINITIONS AND TERMS:**

The work is to be performed for the Town of Camp Verde, located in Yavapai County, Arizona. All references in the specifications to public agencies and officials shall be interpreted as if suitably modified so as to be appropriate to a Town of Camp Verde project.

**ENGINEER:** Arizona Engineering Company, Flagstaff, Arizona, acting through its duly authorized representative.

**SECTION 102 BIDDING REQUIREMENTS AND CONDITIONS**

**102.1 ELIGIBILITY AND PREFERENCE:**

If requested by the Town, a Bidder shall furnish satisfactory evidence of the Bidder's competency to perform the proposed work. Such evidence of competency, unless otherwise specified, shall consist of statements covering the Bidder's past experience on similar work, a list of equipment that would be available for the work, and a list of key personnel that would be available.

In addition, if requested, a Bidder shall furnish the Town of Camp Verde with satisfactory evidence of the Bidder's financial responsibility. Such evidence of financial responsibility, unless otherwise specified, shall consist of a confidential statement or report of the Bidder's financial resources and liabilities as of the last calendar year or the Bidder's last fiscal year. Such statement or report shall be certified by a public accountant. At the time of submitting such financial statement or report, the Bidder shall further certify whether the Bidder's financial responsibility is approximately the same as stated or reported by the public accountant. If the Bidder's financial responsibility has changed, the Bidder shall qualify the public accountant's statement or report to reflect the Bidder's true financial condition at the time such qualified statement or report is submitted to the Town of Camp Verde.

The Bidder shall submit such "evidence of competency" and "evidence of financial responsibility" to the Town of Camp Verde no later than five (5) days after receipt of a written request by the Town of Camp Verde.

Each bidder, contractor and subcontractor shall possess and maintain the appropriate contractor's license for the work included in this contract. The appropriate license shall be as required by the Arizona State Registrar of Contractors and as required by Arizona Revised Statutes Chapter 10, Title 32.

Unless specified otherwise in the Special Provisions for this contract, all bidders and prime contractors for public works construction shall hold and maintain the license appropriate for the work that each is proposed to provide under the terms of this contract.

### **102.2 CONTENTS OF PROPOSAL PAMPHLET:**

The Plans, Specifications and other Documents designated in the Contract Documents shall be considered material parts of the Contract, whether attached to the Contractor's bid or not.

The Town of Camp Verde reserves the right to refuse to issue to or accept a proposal form from a prospective Bidder for any of the following reasons:

- (A) Failure to comply with any pre-qualification regulations of the Town of Camp Verde, if such regulations are cited, or otherwise included, in the Proposal as requirement for bidding.
- (B) Failure to pay, or satisfactorily settle, all bills due for labor and materials on former contracts in force (with the Town of Camp Verde) at the time the Town of Camp Verde issues the Proposal to a prospective Bidder.
- (C) Contractor has defaulted under previous contract(s) with the Town of Camp Verde.
- (D) Record of unsatisfactory work on previous contract(s) with the Town of Camp Verde.

The prospective bidders may obtain and examine plans, special provisions, and proposal pamphlets at Central Arizona Plan Exchange (CAPE), 905 Cove Parkway, Ste. 103, Cottonwood, AZ 86326, 928-646-9070, (fax) 928-639-2726; OR (CAPE), 345 North Arizona Avenue, Prescott, AZ 86301, 928-445-7101, (fax) 928-445-4744.

Copies of the Project Manual, including plans and specifications, can be obtained upon payment of \$32.00 per set. Plans can also be viewed on the Camp Verde website at [www.cvaz.org](http://www.cvaz.org). (See Public Works page). See Instructions to Bidders for additional information.

### **102.3 INTERPRETATION OF QUANTITIES IN PROPOSAL:**

See Section 109 for additional information concerning interpretation of quantities, measurement of quantities, and payment for work complete.

### **102.6 SUBCONTRACTORS LIST:**

The List of Subcontractors form must be submitted with the Bid and include all subcontractors to be used as well as work noted as being performed by the bidder. Identification of subcontractors after the bids are opened will not be permitted.

### **102.7 IRREGULAR PROPOSALS:**

Proposals shall be considered irregular for the following additional reasons:

- (A) If the Proposal contains unit prices that are obviously unbalanced.
- (B) If the Proposal is not accompanied by the proposal guaranty specified by the Town of Camp Verde.

The Town of Camp Verde reserves the right to reject any irregular Proposal and the right to waive technicalities for acceptance of Proposals, if such waiver is in the best interest of the Town

of Camp Verde and conforms to local laws and ordinances pertaining to the letting of construction contracts.

**102.12 DISQUALIFICATION OF BIDDERS:**

A Bidder shall also be considered disqualified if the Bidder is considered to be in "default" for any reason specified in Subsection 102.2.

**102.13 SUCCESSFUL BIDDERS:**

The Town of Camp Verde shall provide six (6) sets of Plans and Contract Documents at no additional cost to the successful Bidder.

**SECTION 103 AWARD AND EXECUTION OF CONTRACT**

**103.5 REQUIREMENT OF CONTRACT BONDS:**

Performance and payment bonds shall conform to all statutory requirements of A.R.S. 34-222 and A.R.S. 34-223, as applicable.

**SECTION 104 SCOPE OF WORK**

**104.1.1 GENERAL:**

The Contractor shall furnish all labor, materials, equipment, transportation, utilities, services and facilities required to perform all work for the construction of the project within the time specified.

The Hollamon Street Improvement Project includes two alternates, a Base Bid and Alternate 1.

The Base Bid includes roll curb and sidewalk along the north side of Hollamon Street, ribbon curb on the south side of the street and removal and replacement of existing streetlights (approximately 4 lights) from Main Street to the end of the sidewalk in front of the Mormon Church.

Alternate 1 includes a widening the existing roadway section 5-feet, 3-inch overlay and Maricopa edge treatment on both sides.

**Requests for Information:** All requests for information shall be submitted in writing (e-mail is acceptable), verbal requests will not be considered an action. Request for information shall be submitted to Deborah Ranney: [deb.ranney@campverde.az.gov](mailto:deb.ranney@campverde.az.gov)

**Traffic Control:** The Contractor is required to prepare and submit a traffic control plan. The contractor shall maintain one open lane of traffic at all times. The contractor shall provide signs and marker delineation to direct traffic. The traffic control plan must be approved in writing by the Town Engineer before construction operations begin. The traffic control plan must be revised and resubmitted to the extent necessary to obtain Town approval.

**Erosion Protection and Site Restoration:** The Contractor is responsible for complying with the requirements of the Arizona Pollutant Discharge Elimination System Permit Program. This generally includes submittal of a Notice of Intent to ADEQ, preparation of a Stormwater

Pollution Prevention Plan for the site and submittal of a Notice of Termination to ADEQ for the project. Erosion control devices are typically installed at the tops and toes of all fill slopes, in graded earthen channels, and at the outlets of all drainage culverts. Devices generally include straw bales, straw wattles, or silt fences as appropriate and must be approved in writing by the Town Engineer prior to placement. The cost for complying with the AZPDES permit process shall be included in the Administration portion of the Contractors bid.

**Housekeeping:** Daily cleanup of the construction site (sweeping the streets, providing proper traffic control devices, etc.) will be required; no separate payment will be made for daily clean up.

**Hours of Construction:** The construction hours of operation shall be 7:00 AM to 6:00 PM. Hours may be modified by the Town of Camp Verde if complaints are received from nearby property owners or occupants. If modified hours substantially reduce the time each day for construction, the Contractor may request a time extension or cost increase. Any such request will be reviewed on its merits.

**Storage of Materials:** The Contractor shall store all construction materials within his construction yard or on Town or private off-street locations for which arrangements have been made by the Contractor. The Contractor will be required to furnish evidence of permission to use any site proposed as a staging or storage area for this project and will be required to obtain any permits normally required by the Town of Camp Verde for such use. Only a one-day supply of construction materials will be allowed to be stored in roadways or alleys at the construction location unless extended storage is specifically authorized by the Town.

**Town Authority to Shut Down/Clean the Work Area:** The Town retains the right to shut down the construction activities of the Contractor if, in the Town's opinion, the work site is unsafe, unsightly, or not maintained in a workmanlike condition for the public convenience, and the Contractor has not responded to requests by the Town to improve the site conditions. The right of the Town to order such a shutdown does not relieve the Contractor of any obligation to provide and maintain a safe worksite and to conform to all requirements of the Contract Documents.

If the Town requires a shutdown for reasons stated above, the shutdown will be in effect until such time as the Contractor has provided the necessary corrective action. The Contractor, by submitting its bid, affirmatively agrees that it will not make a claim against the Town for any loss of work or contract time associated with a Town demand for corrective action.

If, in the opinion of the duly authorized representatives of the Town, an emergency condition or public nuisance exists, the Town also retains the right to correct unsafe, unsightly, or ill-maintained site conditions and recover any costs incurred by the Town for those corrections against the Contractor, if again, the Contractor has not responded to the Town's requests for corrective action. The Contractor will be allowed not more than 48 hours in which to make corrections as requested by the Town prior to the Town commencing any work.

#### **104.2.2 ALTERATION OF WORK DUE TO PHYSICAL CONDITIONS:**

The provisions of this section are subordinate to the provisions and requirements of Section 102 and Section 109. The referenced sections may substantially limit the Contractor's ability to request additional payment for changes in the work due to unforeseen physical conditions.

## **SECTION 105 CONTROL OF WORK**

### **105.2 PLANS AND SHOP DRAWINGS:**

Shop drawings and manufacturer's specification sheets are required for all components. The Contractor shall submit all data at one time, bound and indexed in an orderly manner, including manufacturer's specifications, literature, performance data and dimensions, making all markings with ink in color other than red. The Contractor shall verify that equipment submitted will fit equipment spaces before submitting. The Contractor shall procure shop drawings (e.g. wiring diagrams, etc.) from other trades involved and comply as required for complete installation. The Contractor shall maintain a complete set of all approved shop drawings and an accurate as-built set of plans on site for reference at all times. The as-built plans will be furnished by the Contractor to the Owner at the completion of the project for record.

### **105.6 COOPERATION WITH UTILITIES:**

It is distinctly understood and agreed that the Contractor has considered in his proposal all of the permanent and temporary utility appurtenances in their present or relocated positions as shown on the Plans or as determined by him during the bidding period, in accordance with the requirements of Section 102.4, and that no additional compensation will be allowed for any delays, inconvenience, or damage sustained by him due to any interference from the said utility appurtenance or the operation of moving them.

The Contractor shall notify all utility companies and the Town of Camp Verde of his intent to begin work. In particular, the Contractor shall make contact Blue Stake service by calling 1-800-STAKE-IT at least 2 working days before beginning work. The Contractor shall exercise all care to avoid damaging utilities whether shown on the Plans, staked in the field, or not.

### **105.8 CONSTRUCTION STAKES, LINES AND GRADES:**

The Contractor shall be responsible for retaining a Registered Land Surveyor, licensed to practice in Arizona, who shall be responsible for providing all stakes necessary to establish construction lines and grades. Stakes provided shall be of sufficient number to satisfy the Engineer that the work may be constructed in accordance with the Plans.

### **105.12 MAINTENANCE DURING CONSTRUCTION:**

Adequate drainage of the construction area shall be provided at all times. The channel will need to be drained prior to construction and remain free of water during construction. The proposal shall include the phone number(s) for an emergency contact(s) available 24 hours during construction. To further promote good drainage of the site, drainage channels, culverts, and structures, shall be constructed from downstream to upstream in such a way that, during construction, they do not impede the flow of water from the construction area.

Damage to any portion of the work caused by the Contractor's failure to provide adequate drainage of the construction area, or to order the work so as to minimize the possible extent of such damage, shall be repaired at the Contractor's expense. No extension of time shall be granted on account of the time required to make such repairs.

## **SECTION 106 CONTROL OF MATERIALS**

### **106.2 SAMPLES AND TESTING OF MATERIALS:**

The Contractor shall employ and pay for an independent testing laboratory to provide all materials testing for the Project. The Contractor shall supply the City with samples of materials and test results at the regularly scheduled project meeting (meeting to be scheduled at the pre-construction meeting). Note that the following is a generic testing specification and not all tests may be required for this project. In addition testing subcontractor shall keep records of test locations on as-built plans showing test numbers.

#### **TABLE 106.2 QUALITY ASSURANCE TESTING**

<b><u>Density:</u></b>	Standard Proctor @ 1 each for each material to be tested. Pavement sub-grade @ 1 per 1,000 S.Y. (1 minimum). Pavement ABC @ 1 per 1,000 S.Y. (1 minimum). Pavement (nuclear correlated to cores) @ 1 per 1000 S.Y. (1 minimum). Curb sub-grade @ 1 per 250 L.F. (1 minimum). Sidewalk sub-grade @ 1 per 1500 S.F. (1 minimum). Trench bedding, shading, and backfill for CMP trench under paving @ 1 set each per CMP. Trench bedding, shading, and backfill for water/sewer line trenches @ 1 set each between each pair of manholes for sewer and 1 each for every 200 LF of waterline (minimum of 1 set). Sewer manhole bases @ 1 each per manhole base. Catch basin sub-grade @ 1 each per basin.
<b><u>Concrete:</u></b>	Air test and four cylinders (7,14,28, hold) for: Curb @ 1 per 250 L.F. (minimum of 1 set). Sidewalk @ 1 per 1500 S.F. (minimum of 1 set). Structures (catch basins, etc.) @ 1 per three structures (minimum of 1 set). Structures (box culverts, wing walls, bridge barriers, etc.) @ 1 per truck (minimum of 1 set). Valley Gutter @ 1 per Valley Gutter
<b><u>Paving:</u></b>	Extraction/gradation @ 1 per day's production.

## **SECTION 107 LEGAL RELATIONS AND RESPONSIBILITY TO PUBLIC**

### **107.1 LAWS TO BE OBSERVED**

The Contractor and all subcontractors shall observe the Davis Bacon Act for determining the minimum wages to be paid to various classes of laborers employed under the contract. The wage determination (including any additional classifications and wage rates conformed) and a [Davis-Bacon poster \(WH-1321\)](#) must be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen. The WH-1321 poster may be obtained at no charge from offices of the Wage and Hour Division.

#### **107.2 PERMITS:**

The Contractor shall, at his own expense, obtain all required permits for the work. The Contractor is responsible for all taxes, including sales tax, required by all laws and ordinances having jurisdiction.

#### **107.2.2 DISPOSAL OF WASTE AND SURPLUS MATERIAL:**

The Contractor is responsible for disposal of waste materials. All disposal costs, regardless of disposal site, shall be included in the bid unit price for the appurtenant or related item of work and no direct payment will be made for disposal of waste or surplus materials.

The Contractor is responsible for providing proper dump sites for all material removed as part of the contracted work including concrete, asphalt, fence, trees, surplus earthwork material and other items.

#### **107.7 BARRICADES AND WARNING SIGNS:**

The Traffic Barricade Manual referred to under this section and thereafter in the Standard Specifications shall be the MUTCD. Contractor shall obtain copies.

#### **107.9 PROTECTION AND RESTORATION OF PROPERTY AND LANDSCAPE:**

The Contractor shall file with the Engineer, at the Pre-Construction Conference, the written consent of the Owner of the property upon which he intends to dispose of surplus material.

The Contractor shall protect and/or restore all existing improvements including, but not limited to, concrete, asphalt, drainage structures, culverts, fencing, landscaping (living or non-living), and irrigation systems to original condition upon completion of the work. The Contractor will be required to replace all trees, shrubs, flowers, ground cover and sod to their original conditions prior to construction. All landscaping material shall be transplanted or replaced with comparable materials, species and specimens to ensure that the site is restored to its original condition. The one-year warranty for the work will also include all live landscaping as mentioned herein. The Contractor will also be required to maintain watering operations for landscaping during repair and/or replacement of irrigation systems throughout the course of the work. Except as specified otherwise in the Special Provisions, all costs associated with the restoration of landscaping shall be included in the amount bid for items of work to which it is incidental or appurtenant.

The contractor shall video tape the site prior to commencing construction and provide the Town with 2 copies. The Town shall specify the preferred medium for video.

#### **107.10 CONTRACTOR'S RESPONSIBILITY FOR WORK:**

The Owner will not protect or be responsible for protection of equipment, tools, materials, or work in progress in the construction area during construction.

**107.11 CONTRACTOR'S RESPONSIBILITY FOR UTILITY PROPERTY AND SERVICES:**

All power poles, pedestals, guy wires and underground facilities shall be removed and/or relocated by the respective owners of the facilities. The Contractor is responsible for the notification and coordination with the utility companies to ensure that this work is accomplished in a manner consistent with the construction schedule.

All utilities shall be Blue Staked prior to construction. The Contractor shall pothole all potential utility conflicts prior to construction to verify that proper clearance is provided between the new improvements and the existing utilities. The Contractor shall notify the appropriate franchise utility immediately if any conflicts are encountered.

**SECTION 108 COMMENCEMENT, PROSECUTION AND PROGRESS**

**108.1 NOTICE TO PROCEED:**

All work under the contract shall be completed within the number of calendar days stated in the proposal, plus extensions, beginning with the day following the date of the Notice to Proceed. The contract time includes any time required for final cleanup of the premises.

**108.2 SUBLETTING OF CONTRACT:**

F) Coordination of subcontractors' work with the Contractor's work shall be the responsibility of the Contractor.

**108.4 CONTRACTOR'S CONSTRUCTION SCHEDULE:**

The Contractor shall be required to prepare and furnish a Critical Path Method construction schedule to the Town's representative and/or the Engineer at the pre-construction conference. An update to the schedule, showing actual progress and any claimed delays, shall be prepared and submitted to the Engineer every seven (7) days during the course of construction, until the project is completed.

Contractor is required to attend weekly progress meeting, time and place to be announced. Contractor is to provide updated schedules, SWPPP and traffic impact plans at weekly progress meetings.

**108.5 LIMITATION OF OPERATIONS:**

Except in emergencies endangering life or property, written permission shall be obtained from the Town Engineer prior to performing any work on weekends, legal holidays or after regular work hours (hereinafter defined as 7:00 AM to 6:00 PM - Monday through Friday). Inspection and testing will not be provided on Sundays or Town legal holidays without prior approval from the Engineer (72 hour advance notice), and compensation by the Contractor for any necessary personnel, equipment and services.

Overtime compensation for personnel shall be one and one half times the normal billing rate for those under contract to the Town of Camp Verde and one and one half times the hourly burdened rate for Town of Camp Verde employees.

**108.7 DETERMINATION AND EXTENSION OF CONTRACT TIME:**

The contract time shall be **sixty (60) calendar days**. The contract time, including final clean up of the project site and storage areas, may be extended as a result of weather conditions that cannot be reasonably anticipated. The number of actual days that the scheduled work is actually impacted by adverse weather shall be recorded weekly during the construction period and included in the Contractors weekly schedule submittal. The effect of the delay must be shown on the Critical Path Schedule for the project. The Contractor shall submit claims for the delay of critical path work within two (2) working days of experiencing adverse weather and associated project delays. Only delays affecting the Critical Path for the project will be considered for a time extension. If the Contractor has not prepared and submitted an approved Critical Path Schedule for the project, the Contractor will be deemed to have failed in its obligation to demonstrate that adverse weather or other conditions have actually delayed to project completion date. Under these circumstances, a request for a time extension will not be entertained.

**SECTION 109 MEASUREMENTS OF QUANTITIES**

**109.1 MEASUREMENT OF QUANTITIES:**

Quantities shown on the Plans or the Bid Schedule are approximate only. The Contractor is responsible for independently estimating the contract quantities.

**109.2 SCOPE OF PAYMENT:**

By submitting his bid, the Contractor represents that his bid price for each item is adequate compensation for completing the item as shown on the Plans and described in the Specifications, and that the total Contract Sum is adequate compensation for completing the entire project as shown on the Plans and described in the Specifications.

Progress payments may be estimated on the basis of measurements of work complete times the Bid Schedule unit prices. If no change order or field order changing the quantity, materials or other details of an item has been issued, total payment for that item will be the total lump sum price bid for the item as shown on the Bid Schedule accompanying the Contractor's bid proposal. All payment provisions in the contract documents, including the M.A.G. Specifications, are to be considered as modified to conform to this section, and to the terms in the Form of Proposal relating to payment.

**109.4.1 COMPENSATION FOR ALTERATION OF WORK BY THE CONTRACTING AGENCY:**

At the sole discretion of the contracting agency, the payment for a work item increased or decreased by more than twenty percent (20%) may be calculated as the actual quantity of work performed times the unit price bid for the item.

**109.4.3.2 MEASUREMENTS AND PAYMENTS - CONTRACT ALLOWANCE:**

A Contract Allowance Item is provided for the purpose of encumbering funds to cover the costs to complete items of work not included in the Contract Documents. “Contingency” Items are provided for the purpose of encumbering funds to cover the costs of anticipated work that may or may not be required to complete the project. The amount of the Allowance Item is determined by the Engineer and is not subject to individual bid pricing. All bidders shall incorporate the amount pre-entered in the bid proposal and shall reflect the same in the total amount bid for the project. The Contract Allowance Item provides for estimated funding to cover unforeseen changes that may be encountered and corresponding extra work needed to complete the Contract. Extra work, if any, which is to be paid out of this allowance shall be authorized in writing by the Town Engineer prior to proceeding with the work. The extra work shall be paid for by extension of unit bid prices, negotiated price, or on a time and materials basis in accordance with Section 109.5 of the general MAG Specifications.

It shall be understood that the amount of the contingency in the BID schedule is an estimate only and no guarantee is given that the full amount or any portion of it will actually be utilized. The final contract amount will be adjusted by an approved Field Order, signed by the Contractor, the Town, and the Engineer, that will reflect the actual amount of the Contract Allowance used for the project and the final contract price, as adjusted. A Field Order is required to obligate funds from “Contingency” items or the Contract Allowance. A copy of the Field Order form will be provided at the pre-construction meeting.

## **SECTION 310 UNTREATED BASE**

### **321.1 DESCRIPTION:**

The work under this section shall be in accordance with Section 310 of the MAG Standard Specifications, and as modified herein.

Contractor has the option of crushing and reusing existing asphalt concrete pavement for aggregate base course under new paving. Crushed asphalt concrete shall be ½” minus.

### **321.9 PAYMENT:**

No separate payment shall be made for base material. Base material payment shall be incidental to pavement construction.

**SECTION 321 ASPHALT CONCRETE PAVEMENT**

**321.1 DESCRIPTION:**

The work under this section shall be in accordance with Section 321 of the MAG Standard Specifications, and as modified herein.

Contractor may reuse asphalt millings as aggregate base course. Milled asphalt concrete shall be ½” minus.

**321.8 MEASUREMENT:**

Asphalt concrete will be measured by the square yard of material complete in place.

**321.9 PAYMENT:**

Payment for asphalt construction will be paid for at the contract price per square yard of asphalt concrete pavement. Payment for asphalt overlay includes milling. Payment for tack coat is incidental to the cost of the asphalt construction. No separate payment shall be made for additive alternate striping, it shall be considered incidental to the pavement construction.

<u>Pay Item:</u>	<u>Pay Unit:</u>
3”AC/6”ABC Pavement Section	Square Yard
3” AC Overlay	Square Yard

**SECTION 340 CONCRETE CURB, GUTTER, SIDEWALK, SIDEWALK RAMPS,  
DRIVEWAY AND ALLEY ENTRANCE**

**340.1 DESCRIPTION:**

The work under this section shall be in accordance with Section 340 of the MAG Standard Specifications, and as modified herein.

**340.2 MATERIALS**

Driveways and sidewalks with fiber shall include 1 bag of fiber reinforcing per yard in the mix.

Colored sidewalk shall be colored "San Diego Buff" (Rinker); treated with litho chrome "Antiquing Release" color "La Cresenta Brown" Y471A, Part # 126141-052516, then sealed with "Scofield Cureseal" both manufactured by the LM Scofield Company. (Available from White Cap Supply Co Phoenix, 602-256-6900)

The Town of Camp Verde will supply the contractor with the stamp for stamping the colored concrete to match the existing concrete.

Tactile warning surfaces shall be Tekway Domes or approved equal. (Available from Tekway Dome Tiles - 3296 E. Hemisphere Loop - Tucson, Arizona - 85706-5013 - TEL (520) 547-3510)

**340.5 MEASUREMENT:**

Measurement for work under this section shall be in accordance with Section 340 of the MAG Standard Specifications, and as modified herein. Sidewalk ramps shall be measured per each ramp constructed which is full compensation for furnishing all labor, materials, tools and equipment and accomplishing all work necessary for complete installation. Tactile warning surfaces are included in the measurement of each sidewalk ramp.

**340.6 PAYMENT:**

Payment for work under this section will be made at the contract unit prices complete and in place, which price shall be full compensation for the work as described and specified herein and on the project plans. Payment for sidewalk ramp construction includes tactile warning surfaces incidental to the sidewalk ramp installation, which is full compensation for furnishing all labor, materials, tools and equipment and accomplishing all work necessary for complete installation. Payment for sidewalk construction includes fiber reinforcing incidental to the sidewalk installation, which is full compensation for furnishing all labor, materials, tools and equipment and accomplishing all work necessary for complete installation. Payment for colored sidewalk construction includes coloring, treating sealing and stamping to match the existing concrete incidental to the sidewalk installation, which is full compensation for furnishing all labor, materials, tools and equipment and accomplishing all work necessary for complete installation.

Pay Item:

Pay Unit:

Vertical Curb to Roll Curb Transition/Termination	Each
Vertical Curb to Ribbon Curb Transition/Termination	Each

Roll Curb to Ribbon Curb Transition/Termination	Each
5' Wide 6" Thick Sidewalk with Fiber	Square Feet
6' Wide 6" Thick Colored Sidewalk	Square Feet
MAG Type 'A' Vertical Curb and Gutter	Linear Feet
MAG Type 'B' Ribbon Curb	Linear Feet
MAG Type 'C' Roll Curb	Linear Feet
Straight Type Sidewalk Ramp	Each
ADOT Type 'C' Sidewalk Ramp	Each
Sidewalk Ramp with Narrow ROW	Each
Driveway with fiber	Square Feet

**SECTION 345 ADJUSTING FRAMES, COVERS, VALVE BOXES AND WATER  
METER BOXES**

**345.1 DESCRIPTION:**

The work under this section shall be in accordance with Section 345 of the MAG Standard Specifications, and as modified herein.

**345.5 MEASUREMENT:**

Measurement for work under this section shall be in accordance with Section 345 of the MAG Standard Specifications.

**345.6 PAYMENT:**

Payment for work under this section will be made at the contract unit prices complete and in place, which price shall be full compensation for the work as described and specified herein and on the project plans.

Pay Item:	Pay Unit:
Adjust existing Water Valve to finished grade	Each
Adjust existing Manhole to finished grade	Each

## **SECTION 350 REMOVAL OF EXISTING IMPROVEMENTS**

### **350.1 DESCRIPTION:**

The work under this section shall be in accordance with Section 350 of the MAG Standard Specifications, and as modified herein.

This work includes removal of specified existing improvements.

### **350.2 CONSTRUCTION METHODS:**

The work under this section shall be in accordance with Section 350 of the MAG Standard Specifications, and as modified herein.

All excess materials removed shall become the property of the Contractor, and shall be disposed off the project site at a suitable location at no additional cost to the Owner.

Franchise utility relocations, including telephone boxes/risers, incidental to the construction shall be performed by the franchise utility and coordinated by the Contractor.

### **350.4 PAYMENT:**

Payment for removals will be made at the unit prices bid for each pay item, which price shall be full compensation for the items complete as described herein and on the Plans. Removals necessitated by the work as it progresses and not specifically called out on the Plans will be considered incidental to the construction. Replacement of existing streetlights includes removal and disposal of existing streetlight and installation of new streetlight which is full compensation for furnishing all labor, materials, tools and equipment and accomplishing all work necessary for complete installation. No separate payment shall be made for franchise utility relocations.

Pay Item:	Pay Unit:
Remove and Dispose of CMP Culvert	Linear Feet
Remove and Dispose of PCC curb and gutter	Linear Feet
Remove and Dispose of PCC Valley Gutter	Linear Feet
Saw-cut, Remove and Dispose of existing AC	Square Yard
Relocate existing sign	Each
Replace existing street light	Each

## **SECTION 372 PAVEMENT MARKINGS**

### **372.1 DESCRIPTION:**

The work under this section shall be in accordance with Section 705 of the ADOT Standard Specifications for Road and Bridge Construction, and as modified herein. New Text and Symbol Pavement Markings includes arrows, text and bicycle markings. Preformed Pavement Markings shall be Type 1.

**372.7 PAYMENT:**

Payment for New Text and Symbol Pavement Markings will be made on a Lump Sum basis, which shall include sweeping and cleaning of striping area, reflective beads, application of pavement markings, all labor, materials, tools and equipment, and all other work and materials necessary or incidental for a complete installation and shall be full compensation for the item complete.

**SECTION 373 PERMANENT PAVEMENT STRIPING**

**373.1 DESCRIPTION:**

The work under this section shall be in accordance with Section 708 of the ADOT Standard Specifications for Road and Bridge Construction, and as modified herein. New Lane Striping includes all painted striping shown on the plans including solid yellow pavement striping, dashed yellow pavement striping, solid white pavement striping, dashed white pavement striping, centerline striping and bike lane striping. Striping shall be applied in two coats.

**373.5 PAYMENT:**

Payment for New Lane Striping will be at the contract unit price on a Lump Sum basis and shall include sweeping and cleaning of striping area, applying white or yellow, water-borne, lead-free, rapid-dry traffic paint and reflective glass beads, furnishing all labor, materials, tools and equipment, and all other work and materials necessary or incidental for a complete installation.

**SECTION 631 WATER TAPS AND METER SERVICE CONNECTIONS**

**631.1 DESCRIPTION:**

The work under this section shall be in accordance with Section 345 of the MAG Standard Specifications.

**631.9 MEASUREMENT:**

The quantities measured will be the actual number of water meters adjusted and accepted.

**345.6 PAYMENT:**

Payment for work under this section will be made at the contract unit prices complete and in place, which price shall be full compensation for the work as described and specified herein and on the project plans.

Pay Item:	Pay Unit:
Relocate existing Water Meter to finished grade	Each