



ADDENDUM NUMBER ONE

FOR THE

PAVEMENT RECONSTRUCTION – STETSON ROAD

DATE OF ADDENDUM: March 6, 2025

TO ALL BIDDERS BIDDING ON THE ABOVE PROJECT:

The following addendum shall be made part of the Project Specifications and Contract Documents. All other provisions of the Contract Documents remain unchanged. The Bidder shall acknowledge receipt of this Addendum on page 11 of the Bid Proposal form, in addition to signing below and returning this form with the bid package. The contents of this Addendum shall be given full consideration in the preparation of the Bid.

Changes to the Bid Schedule

On Pages 7, 8, and 9 Bid Schedule:

REMOVE the Bid Schedule in its entirety and REPLACE it with the REVISED BID SCHEDULE dated 3/06/2025 (attached).

Changes to the Project Special Provisions

On Pages 31 Special Provisions:

REMOVE the Project Special Provisions and REPLACE it with the REVISED PROJECT SPECIAL PROVISIONS (attached).

- END -

City of Prescott Public Works Department

Gwen Rowitsch

Digitally signed by Gwen
Rowitsch
Date: 2025.03.06 16:12:08
-07'00'

Gwen Rowitsch, Public Works Director

Date

Acknowledgement: (must be signed and turned in with the bid documents)

Company Name

Signature of Company Official

Date

Bid Schedule

Pavement Reconstruction -- Stetson Road Revised 3-06-2025						
CIP 2112-002						
Line No.	Item	Description	Qty	Unit	Unit Cost	Amount
General Construction Items						
1	105.8	Construction Stakes, Lines and Grades	1	LS		
2	107.15 SP	Public Relations	1	ALL	\$ 20,000.00	\$ 20,000.00
3	107.16 SP	Stormwater Pollution Prevention Plan (SWPP)	1	LS		
4	109.10	Mobilization/Demobilization	1	LS		
5	109.11	Contract Allowance	1	ALL	\$ 400,000.00	\$ 400,000.00
6	401.8a SP	Traffic Control	1	LS		
7	401.8b SP	Changeable Message Boards (EACH PER DAY)	10	DY		
8	401.8c SP	Flaggers	640	HR		
<i>General Construction Items Subtotal</i>						
Removals						
9	205.8a SP	Roadway Excavation	1,445	CY		
10	350 SP	Remove and Dispose of asphalt pavement	5,683	SY		
11	350.10a SP	Removal of Existing Improvements	1	LS		
12	350.10c SP	Remove and Dispose of asphalt driveway and asphalt berm	268	SY		
13	350.10d SP	Remove and dispose of Existing Sidewalk Scupper	3	EA		
14	350.10e SP	Remove & Dispose of Curb and Gutter	587	LF		
15	350.10f SP	Remove & Dispose of Concrete Sidewalk	983	SF		
16	350.10g SP	Sawcut	824	LF		
17	350.10h SP	Remove & Dispose Storm Drain Pipe, 4" PVC Storm Drain	9	LF		
18	350.10i SP	Remove Storm Drain Pipe, 24" CMP Storm Drain	62	LF		
<i>Removals Subtotal</i>						
Roadway Improvements						
19	205.8b	Unsuitable Material	200	CY		
20	211.5a SP	Fill Construction	322	CY		
21	301 SP	Sub-Grade Preparation	4,703	SY		
22	310.5a SP	Aggregate Base Course	1,269	CY		
23	310.5b SP	Aggregate Base Course Preparation of Existing	980	SY		
24	321.13 SP	Placement and Construction of Asphalt Concrete Pavement	5,683	SY		
25	340.6a SP	Concrete Vertical Curb and Gutter Type A	570	LF		
26	340.6b SP	Concrete 4" roll curb, Type C	563	LF		

Bid Schedule

Pavement Reconstruction -- Stetson Road Revised 3-06-2025						
CIP 2112-002						
Line No.	Item	Description	Qty	Unit	Unit Cost	Amount
27	340.6c SP	Concrete 6" roll curb, Type E	668	LF		
28	340.6d SP	Concrete ribbon curb, Type B	37	LF		
29	340.6e SP	Concrete curb termination	5	LF		
30	340.6f SP	Concrete Driveway Entrance	687	SF		
31	340.6g SP	Commercial Concrete Driveway Entrance	491	SF		
32	340.6h SP	Concrete Curb and Gutter Transition	52	LF		
33	340.6i SP	Concrete Valley Gutter	60	SF		
34	340.6j SP	Concrete Sidewalk	867	SF		
35	340.6k SP	Concrete Handicap Ramp,with Cast Iron Panel	5	EA		
36	350.10j SP	Remove & Reset Mailbox per QCSD 134Q-1 and 134Q-2	4	EA		
37	350.10k SP	Remove and Relocate Existing Sign	2	EA		
38	402.4	Thermoplastic Striping, White, Stop Bar & Crosswalk (4" equiv.)	621	LF		
39	405.5.a SP	Adjust Survey Monuments (QCSD 270Q)	2	EA		
40	505.1.1F SP	Concrete Dumpster Pad	4	EA		
Roadway Improvements Subtotal						
Utility Improvements						
41	345.7a SP	Adjust New Water Valve Box & Cover	9	EA		
42	345.7b SP	Adjust Sewer Manhole Frame & Cover	5	EA		
43	345.7c SP	Replace Sewer Cleanout Frame & Cover	1	EA		
Utility Improvements Subtotal						
Drainage Improvements						
44	220.8a SP	Grouted Rip Rap D(5)=10", 20" Deep	235	SF		
45	220.8b SP	Rip Rap w/ filter fabric, D(50)=8", 16" Deep (SF)	1,950	SF		
46	505.1.1C	Storm Drain Catch Basin	1	EA		
47	211.5b SP	Bioretention Basin (Cut)	41	CY		
48	505.1.1A	Concrete Channel	2,976	SF		
49	505.1.1D SP	Concrete Scuppers	3	EA		
50	505.1.1G SP	Vaned Grate/Concrete Trench Drain	1	EA		
51	618.4a SP	12" ADS HDPE Catch Basin with 2'x2' grate	1	EA		
52	618.4b SP	12" HDPE Pipe	9	LF		
53	618.4c SP	24" ADS HDPE Flared end Section	1	EA		

Bid Schedule

Pavement Reconstruction -- Stetson Road Revised 3-06-2025						
CIP 2112-002						
Line No.	Item	Description	Qty	Unit	Unit Cost	Amount
54	618.4d SP	24"- 22-1/2° ADS HDPE Bend	1	EA		
55	618.4e SP	24" HDPE Pipe	31	LF		
56	618.4f SP	4" HDPE Pipe	28	LF		
57	618.4g SP	4" HDPE Perforated Pipe	372	LF		
<i>Drainage Improvements Subtotal</i>						
Total Bid Amount			\$			

TOTAL BID AMOUNT:

	Dollars and	Cents
(In Written Words)		

Company Name

Company Address

Signature of Company Official

Date Signed

Title

Email



CIP 2112-002
Pavement Reconstruction, Stetson Rd

Project Special Provisions

SPONSOR:

CITY OF PRESCOTT, ARIZONA

DEPARTMENT OF PUBLIC WORKS

ENGINEER:

RANDY PERHAM, P.E., CFM



PROJECT MANAGER:

THOMAS BURCHFIELD

NOTE:

THE SPECIAL PROVISIONS SHALL MODIFY AND SUPERSEDE THE VARIOUS SECTIONS OF EITHER THE MARICOPA ASSOCIATION OF GOVERNMENTS (MAG) UNIFORM STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS CONSTRUCTION OR THE CITY OF PRESCOTT (COP) SUPPLEMENT TO THE MAG UNIFORM STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS CONSTRUCTION, TECHNICAL SPECIFICATIONS DATED FEBRUARY 2019. ALL UNMODIFIED SECTIONS OF MAG OR THE COP SUPPLEMENT TO MAG APPLY AND SHALL REMAIN PART OF THE PROJECT SPECIFICATIONS.

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104 SP SCOPE OF WORK

Add the following to Section 104.1.1 of the MAG Uniform Standard Specifications:

The project generally consists of milling existing asphalt pavement, removing and replacing aggregate base material and/or performing base preparation and placing new asphalt pavement and additional aggregate base material in the Green Manor Heights neighborhood. The streets within the Green Manor Heights neighborhood include a portion of Hartin Avenue (215 ft), a portion of Stetson Road (1,350 ft), and Daniels Drive in its entirety. The work includes unsuitable subgrade repairs on an as needed basis, the adjustment of utility covers to finish grade and the restoration of disturbed traffic striping. The project also includes some curb and gutter replacements, sidewalk replacement, curb ramp installation and/or up-grades, concrete spandrels, valley gutter installation and driveway(s) as shown on the plans. Stormwater flow patterns will remain generally the same but improvements will include constructing a vaned grate at the intersection of Stetson Road and Daniels Drive, a standard stormwater scupper at the first outfall in this same intersection. The stormwater will then discharge into a 10' wide x 3' deep concrete channel that extends from the proposed scupper within an existing 20' drainage easement, approximately 175' to the north and discharges into an existing basin. The second outfall, an existing shallow swale that discharges onto private property at the west end of Stetson Rd, will remain. Six-inch vertical curb and gutter will be constructed on the west side of Hartin Avenue, extending to the intersection of Stetson Road and Hartin Ave. The vertical curb and gutter will transition to roll curb and gutter and extend approximately 500' to the west down Stetson Road to the second out-fall, as it does currently. Other improvements include, concrete pads for the existing dumpsters located in this area and relocating mail boxes.

104.1.1 General

A. The project construction is immediately adjacent to a variety of private property improvements. The Contractor shall protect, preserve, and restore improvements as follows:

1. Existing trees are to be protected in place (unless noted otherwise on the plans). The Contractor shall make every effort possible to avoid damaging existing trees adjacent to the construction. During construction, any damage inflicted to trees shall be remedied that same day at the contractor's own expense by trimming damaged limbs next to the trunk and coating with "TreeKote" tree wound dressing or approved equal.

The Contractor, at his own expense, shall replace, in like kind, trees or other landscape elements that are intended to remain which are killed or damaged beyond repair, to the satisfaction of the Public Works Director.

2. There are numerous landscape features within the project limits such as, but not limited to, fences, inlaid brick features, inlaid flagstone, steps, timbers, paving stones, decorative concrete, landscape rock, landscape vegetation, irrigation systems, etc. that are to be protected in place wherever possible. Where construction requires disturbing existing landscape features, these items shall be restored in like kind. Irrigation

systems shall be tested prior to disturbance and restored to operation upon completion of disturbance. All work on landscape features shall be coordinated with the City Inspector and the affected property owners.

3. Restorations shall include match up and/or replacement of existing surfacing, sidewalks, decorative stone, and other specialty construction elements adjacent to and within 5' of the new curbs, sidewalks, driveways and other improvements. Replacement construction shall be sloped to match up to the new top of curb elevations. The Contractor shall match existing surface finishes, colors, textures, pavers, concrete, curbs, steps, landscaping and other improvements as closely as possible to the adjacent improvements.
 4. Where established turf is disturbed or removed, said turf shall be restored with sod to be matched like in kind. Seeding will not be acceptable.
- B. Prior to bidding, prospective bidders shall make themselves aware of the possible impacts to adjacent improvements and base their bid accordingly.
 - C. During construction the City's representative may consider minor deviation from original alignment of existing sidewalks to avoid conflicts with existing features such as established fences and other established landscape features. These decisions shall be on a case-by-case basis solely at the City's discretion.
 - D. No separate payment shall be made for Restoration Requirements. Such payment shall be considered incidental to the item of work for which restorations are required, unless otherwise noted on the plans, special provisions and bid schedule.
 - E. Sequencing on this project shall be as follows:

In general, all removals, curb replacements, curb additions, sidewalk replacements, utility work, ramp additions, valley gutter and spandrel replacements shall be completed prior to commencing with the asphalt reconstruction on the street for which these repairs are called for on the plans.

Sequencing and timing for work shall be that only one lane between intersections may be worked on at a time, once all repairs have been made and that portion of the roadway has been paved the contractor may go to the next section of roadway. An exception may be given on this requirement if the Contractor provides an approved plan for ingress and egress for vehicles using side roads.

107 SP STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

Remove Section 107.16 of the COP MAG Supplement and replace with the following:

This project will require a Stormwater Pollution Prevention Plan document (SWPPP).

The Contractor shall create and manage an Erosion and Sediment Control (ESC) Plan. This plan shall identify locations of Best Management Practices (BMPs) to be used, details of BMP's and who will manage the ESC Plan. The ESC Plan shall be submitted prior to construction for City of Prescott review and approval.

The Contractor shall comply with AZPDES stormwater requirements for construction sites under the ADEQ Construction General Permit for Arizona. Under provisions of that permit, the Contractor shall be designated as permittee and shall be responsible for providing the necessary labor and materials, and for taking the appropriate measures to assure compliance with the AZPDES Construction General Permit for Arizona as well as other Federal, State, and local requirements pertaining to stormwater discharges.

Installation and maintenance of erosion and sediment control BMPs shall be in accordance with the most recent version of the Arizona Department of Transportation Erosion and Pollution Control Manual. The Contractor will be required to update and revise the ESC Plan as necessary throughout the construction of the project to assure compliance with ADEQ permit requirements.

The permittee shall implement BMPs as described in the ESC Plan and shall periodically conduct site inspections to ensure that BMPs are operating correctly and have not been damaged and/or altered. The site will be inspected a minimum of once within 14 calendar days, but not within 10 calendar days of the previous inspection, and within 24 hours of the occurrence of each storm event of 0.5 inches or greater in 24 hours. Inspections shall be conducted using the City of Prescott Stormwater Construction Site Inspection Report form (Attachment A). This form shall be filled out by the contractor and submitted within 72 hours of inspection to the City of Prescott. At any time, a City of Prescott representative may request to attend an inspection. Noted compliance issues found shall be corrected prior to the next inspection or rain event.

Measurement and Payment:

Payment for the SWPPP and the ESC Plan shall be full compensation for furnishing the ESC plan, management of the plan, performing and submitting inspections, installation, and maintenance (all labor, material, tools, and equipment) required for the BMP's.

Pay Item: 107.16SP – STORMWATER POLLUTION PREVENTION PLAN (SWPPP) (LS)

205 SP ROADWAY EXCAVATION

The roadway prism shall include measurement from lip of curb to lip of curb in those areas where curbs exist. Where no curbs are required, measurement shall be from edge of pavement to edge of pavement.

Pay Item:

205.8a SP – Roadway Excavation (CY)

208.8b SP Unsuitable Material - Provisionary Item - May Not Be Used (CY)

211 SP FILL CONSTRUCTION

Pay Item:

211.5a SP – Fill Construction (CY)

211.5b SP – Bioretention Cut (CY)

220 SP RIPRAP CONSTRUCTION

Add the following to Section 220.8 of the MAG Uniform Standard Specifications:

Pay Item: 220.8a SP – Grouted Rip Rap D(50)=10", 20" Deep (SF)

220.8b SP - Rip Rap w/ filter fabric, D(50)=8", 16" Deep (SF)

301 SP SUB-GRADE PREPARATION

Remove Section 301.8 from MAG in its entirety and replace with the following:

No separate payment shall be made for Sub-grade Preparation. Payment for Sub-grade preparation including scarification shall be included in the unit cost for work for which sub-grade preparation is required.

310 SP PLACEMENT AND CONSTRUCTION OF AGGREGATE BASE COURSE

Add the following to Section 310.5 of the MAG Uniform Standard Specifications:

Pay Item: 310.5a SP – Aggregate Base Course (CY)

Pay Item: 310.5b SP – Aggregate Base Course Preparation of Existing (SY)

321 SP

PLACEMENT AND CONSTRUCTION OF ASPHALT CONCRETE PAVEMENT

ADD the following to Section 321.2 of the COP MAG Supplemental Specifications:

The asphalt concrete for the project shall be 3/4" fiber reinforced Marshall Mix asphalt concrete. A reinforcing aramid fiber shall be added to the mix design and production for the asphalt concrete. The aramid fiber shall be FORTA-FI brand, or a City Engineer approved equal.

ADD the following to Section 321.6 of the COP MAG Supplemental Specifications:

Add aramid and polyolefin reinforcing fiber blends at a dosage rate of one (1) pound fiber per one (1) ton of asphalt.

Contractor shall have the fiber manufacturer's representative on site during mixing and production. This requirement can be waived if fiber manufacturer and asphalt producer can supply evidence of manufacturer's brand of fiber being successfully produced a minimum of three times at the asphalt plant to be used for the project. Batch Plant Production: When a batch plant is used, add fiber to the aggregate in the weigh hopper and increase both dry and wet mixing times. Ensure that the fiber is uniformly distributed before the injection of asphalt cement into the mixture. Drum Plant Production: Inject fibers through the RAP collar manually or by feeding them with a metered air blown system to promote rapid and complete fiber dispersion. Rate the feeding of fibers with the rate the plant is producing asphalt mix. If there is any evidence of fiber bundles at the discharge chute, increase the mixing time and/or temperature or change the angle of the fiber feeder line to increase dry mixing time. Add fibers continuously and in a steady uniform manner. Provide automated proportioning devices and control delivery within $\pm 10\%$ of the mass of the fibers required. Perform an equipment calibration to the satisfaction of the fiber manufacturer's representative to show that the fiber is being accurately metered and uniformly distributed into the mix.

Include the following with the air blown system:

- Low level indicators
- No-flow indicators
- A printout of feed rate status in pounds/minute
- A section of transparent pipe in the fiber supply line for observing consistency of flow or feed.
- Manufacturer's representative's approval of fiber addition system

Plant Quality Control:

Aramid Dispersion Visual Test: Collect a 10kg sample of mix from the discharge chute during first 50 tons of production. Visually assess the state of aramid fibers in the sample according to Reference 4 (Section B of this specification) and rate the sample as "Pass" or "Fail". "Pass" = All fibers exist in an Individual State and no Undistributed Clips or Agitated Bundles of fiber are detected. "Fail" = One or more Undistributed Clips or Agitated Bundles are detected.

If a sample is rated as “Fail”, adjust mixing operations to improve fiber dispersion and repeat Step 1 above. If Visual Test results in three consecutive “Fail” ratings, plant mix samples should be sent to a third-party laboratory for complete ADSR testing before production is allowed to commence. In addition to Visual Test, use a shovel to inspect mix in the back of first three trucks and every tenth truck thereafter to confirm adequate blending of the fiber. Remove any observed fiber bundles from placed mixture and adjust operations per the manufacturer’s recommendation to eliminate future fiber bundle development and repeat Steps 1 through 3 above to confirm adequate aramid fiber dispersion.

ADD the following to Section 321.6 of the COP MAG Supplemental Specifications:

(E) Hot plant reports shall be submitted to the City of each production lot prior to payment.

REMOVE section 321.8.5 from the City of Prescott MAG Supplement and refer to MAG 321.8.5.

321.13 Payment

ADD the following to Section 321.13 of the COP MAG Supplemental Specifications:

Payment for placed asphalt shall be per square yard.

Pay Item: 321.13 SP –Asphalt Concrete Pavement with Fiber Reinforcement, 4" Thick (3/4" Marshall Mix) (SY)

340 SP CONCRETE, CURB, GUTTER, SIDEWALK, CURB RAMPS, & DRIVEWAY AND ALLEY ENTRANCE

Add the following to Section 340.3.11 of the COP MAG Supplement:

Protection of Concrete

Side forms shall remain in place until the day after placing concrete, and in all cases until the edge of the concrete no longer requires the protection of the forms. Forms shall be carefully removed in such a manner as to avoid damage to the concrete. Use of prying devices between the concrete and the forms will not be permitted.

The Contractor shall be responsible for taking adequate steps to protect concrete placed during rain, or hot or cold weather as defined in ACI Standards, and to the satisfaction of the Engineer. Any concrete damaged by rain or extreme temperatures shall be removed and replaced at the Contractor's expense.

No traffic or Contractor’s equipment, except as hereinafter provided, will be permitted on the concrete until it has developed a compressive strength of 3500 psi.

Equipment for sawing joints will be permitted on the concrete when, in the Contractor's judgment, the concrete has developed sufficient strength to support the equipment without damage to the concrete. In case of visible cracking or other damage to the concrete, operation of the equipment on the concrete shall be immediately discontinued.

Add the following to Section 340.6 of the COP MAG Supplement:

Payment

Payment for installation of concrete vertical curb and gutter, Type A, shall include all subgrade preparation, restoration of disturbed landscape features, and all work necessary to produce a finished product. Payment shall be per linear foot of the total placement.

Pay Item: 340.6a SP - Concrete Vertical Curb and Gutter Type A (LF)

Payment for installation of concrete single 4" roll curb, Type C, shall include all subgrade preparation, restoration of disturbed landscape features, and all work necessary to produce a finished product. Payment shall be per linear foot of the total placement.

Pay Item: 340.6b SP - Concrete 4" roll curb, Type C (LF)

Payment for installation of concrete single 6" roll curb & gutter, type E, shall include all subgrade preparation, restoration of disturbed landscape features, and all work necessary to produce a finished product. Payment shall be per linear foot of the total placement.

Pay Item: 340.6c SP - 6" Roll Curb & Gutter, Type E (LF)

Payment for installation of ribbon curb, Type B, shall include all subgrade preparation, restoration of disturbed landscape features, and all work necessary to produce a finished product. Payment shall be per linear foot of the total placement.

Pay Item: 340.6d SP – Ribbon Curb, Type B (LF)

Payment for installation of concrete curb termination shall include all subgrade preparation, restoration of disturbed landscape features, and all work necessary to produce a finished product. Payment shall be per linear foot of the total placement.

Pay Item: 340.6e SP – Concrete Curb Termination (LF)

Payment for installation of concrete driveway entrance shall include removal and disposal of existing driveway materials, all subgrade preparation, restoration of disturbed landscape features, and all work necessary to produce a finished product. Payment shall be per square foot of the total replacement.

Pay Item: 340.6f SP – Concrete Driveway Entrance (SF)

Payment for installation of commercial concrete driveway entrance shall include removal and disposal of existing driveway materials, all subgrade preparation, restoration of disturbed landscape features, and all work necessary to produce a finished product. Payment shall be per square foot of the total replacement.

Pay Item: 340.6g SP – Commercial Concrete Driveway Entrance (SF)

Payment for concrete curb and gutter transition installation shall include all demolition, removals, excavation, subgrade preparation, restoration of disturbed landscape features, and all work necessary to produce a finished product. Payment shall be per linear feet for total installation.

Pay Item: 340.6h SP – Concrete Curb & Gutter Transition (LF)

Payment for installation of concrete valley gutter entrance shall include removal and disposal of existing valley gutter materials, all subgrade preparation, restoration of disturbed landscape features, and all work necessary to produce a finished product. Payment shall be per square foot of the total replacement.

Pay Item: 340.6i SP – Concrete Valley Gutter (SF)

Payment for sidewalk installation shall include all subgrade preparation, restoration of disturbed landscape features, and all work necessary to produce a finished product. Payment shall be per square foot of the total placement.

Pay Item: 340.6j SP - Concrete Sidewalk (SF)

Payment for curb ramp replacement shall include all demolition, removals, excavation, subgrade preparation, restoration of disturbed landscape features, and all work necessary to produce a finished product, to include cast iron detectable warning panels. Payment shall be each for total replacement.

Pay Item: 340.6k SP – Concrete Handicap Ramp, with Cast Iron Panel (EA)

345 SP ADJUSTING FRAMES, COVERS AND VALVE BOXES

Remove second paragraph of MAG Section 345.1 in its entirety and replace with the following:

345.1 Description

- A. All frames, covers, valve boxes, manholes, etc., shall be adjusted to finished grade after placement of asphalt concrete surface course by the Contractor per Quad City Standard Details 270Q, 391Q, and 422Q. The Contractor shall provide and install new sewer rings, frames, and manhole covers when old ones cannot be reused. The City of Prescott inspector

or project manager will determine which can be reused at the time of removal by the contractor. New sewer manhole covers shall have the City logo of Thumb Butte. Old rings and covers not reused shall be disposed of by the contractor.

- B. To expedite the cure time of concrete collars on utility covers, survey monuments, and manholes, the Contractor shall utilize a high/early concrete mix equivalent to a minimum 5,000 psi 28-day strength. Traffic may not be allowed to traverse over the collars until the concrete has reached 3,000 psi. Payment for high/early concrete shall be considered incidental to the item being adjusted to grade.
- C. New and reused valve caps and manhole covers shall be well seated and not result in objectionable noise when driven over, such as clanging or rattling. Any valve covers or manhole covers that result in objectionable noise when driven over shall be replaced at no additional cost to the City, to include replacing adjustment rings if needed to obtain acceptable results.
- D. Existing water meter boxes in the roadway shall be replaced per the applicable COP standard detail, to include a traffic rated cover. Where existing water meter boxes in the roadway have a concrete collar, said collar shall also be replaced with new concrete collar to match existing. Water meter assembly is not to be disturbed.
- E. During the raising of utility covers to finish grade, demolished material and left-over concrete shall not be placed directly onto new pavement or slurry seal coat. Such material shall be stockpiled on tarps as a minimum and properly disposed of to avoid staining the new pavement surface.
- F. Payment shall be made on a per each basis for adjusting manholes, cleanouts, valves, and storm drain inlets to finish grade.
- G. Payment for new sewer manhole rings, frames, and covers if needed will be paid for separately per the bid schedule. Payment for new water valve risers, covers, and debris caps if needed will be paid for separately per the bid schedule.
- H. Adjustment of sewer manholes using riser rings shall be per the manufacture's recommendations. Payment shall be for each riser ring including all labor and materials for installation.

345.7 Payment

ADD the following to MAG Section 345.7:

Pay Item: 345.7a SP – Adjust Water Valve Box & Cover (EA)

Pay Item: 345.7b SP – Adjust Sewer Manhole Frame & Cover (EA)

Pay Item: 345.7c SP – Replace Sewer Cleanout Frame & Cover (EA)

350 SP REMOVAL OF EXISTING IMPROVEMENTS

Add the following to Section 350.1 of the COP MAG Supplemental Specifications:

Description

The Contractor shall anticipate the existence of tree and shrubbery roots in the sidewalk, curb, and gutter excavation prism. The Contractor shall remove all roots and all other deleterious materials in the excavation prism, taking care not to damage adjacent trees, shrubs, or other landscape features. It shall be the Contractor's responsibility to examine each site prior to bidding to ascertain the amount of tree root removals and all other removals that will be necessary to construct a complete and acceptable unit of work. Trees shall not be removed (unless otherwise noted of the plans). No extra or separate payment shall be made for removal of tree roots. To maintain a clean construction site, all demolished materials, to include but not limited to, asphalt pavement, concrete, rock, dirt and guardrail shall be removed from the site daily. Stock piling of excess materials shall not be allowed. The only material to be stockpiled on site shall be materials specifically intended for use or re-use. No separate payment shall be made for meeting these requirements.

Pay Item: 350.10a SP – Removal of Existing Improvements (LS)

Pay Item: 350.10b SP – Remove Aggregate Base Course, Fill Construction (CY)

Pay Item: 350.10c SP – Remove & Dispose of Asphalt Driveway and Asphalt Berm (SY)

Pay Item: 350.10d SP – Remove & Dispose of Existing Sidewalk Scupper (EA)

Payment for removal of curb and gutter shall include all demolition, saw-cutting, removals, excavation, and all work necessary to prepare for the placement of the new curb and gutter. Payment shall be per linear foot of the total removal.

Pay Item: 350.10e SP – Remove & Dispose of Curb and Gutter (LF)

Payment for removal of concrete sidewalk shall include all demolition, removals, excavation, and all work necessary to prepare for the placement of the sidewalk. Payment shall be per square foot of the total removal.

Pay Item: 350.10f SP – Remove & Dispose of Concrete Sidewalk (SF)

Pay Item: 350.10g SP – Sawcut (LF)

Pay Item: 350.10h SP – Remove & Dispose of 4" PVC Storm Drain (LF)

Pay Item: 350.10i SP – Remove & Dispose of 24" CMP Storm Drain (LF)

Payment for relocating existing mailboxes shall include all demolition, removals, excavation, subgrade preparation, restoration of disturbed landscape features, and all work necessary to produce a finished product. Payment shall be each for total relocation, per post.

Pay Item: 350.10j SP – Remove and Reset Mailbox (EA)

Payment for relocating existing sign(s) shall include all demolition, removals, excavation, subgrade preparation, restoration of disturbed landscape features, and all work necessary to produce a finished product. Payment shall be each for total relocation, per post.

Pay Item: 350.10k SP – Remove and Relocate Existing Sign (EA)

401 SP Traffic Control

401.1 Description

ADD the following to COP MAG Supplement 401.1:

The work under this item shall include providing all equipment, materials, labor, and incidental and appurtenant work necessary to provide traffic control and off-duty police officer hours for the project in accordance with these technical specifications.

Traffic control shall be provided by the contractor in accordance with the Manual on Uniform Traffic Control Devices (latest edition and updates), and MAG Section 401, as supplemented by the COP Supplement to the MAG Uniform Standard Specifications and Details for Public Works Construction.

No work shall begin prior to Engineer's approval of the proposed Traffic Control Plan(s).

At the time of the Pre-Construction Meeting, the contractor shall designate an American Traffic Safety Services Association (ATSSA) certified as a Traffic Control Supervisor (TCS) individual to be responsible for implementing, monitoring, and altering traffic control measures as necessary to ensure that all traffic (vehicle, bicycle, and pedestrian) is carried through the work area in a safe and effective manner. The contractor shall be responsible for maintaining all temporary traffic control devices at all times. The City will designate a representative who will oversee and monitor the City's requirements.

The contractor shall notify the Engineer seven (7) calendar days in advance of the time work will be started in areas requiring the rerouting of traffic, traffic lane striping and removal of street signs. The foregoing shall apply to progressive modifications of traffic routing within an area in which work is in progress.

The contractor shall ensure that all sidewalks on this project remain in compliance with the Americans with Disabilities Act (ADA) and Pedestrian Right-of-way Access Guidelines (PROWAG) Standards. All open pedestrian walkway areas, paved or unpaved, shall be maintained and safely useable at all times. Such measures as backfilling or ramping to existing sidewalks or providing alternate sidewalk

areas adjacent to existing sidewalks may be used. An escort may be required for pedestrians who need assistance in navigating through a signalized intersection that is under construction.

Construction signs shall not be displayed to traffic for more than 24 hours prior to the actual start of construction. Signs shall be removed within 24 hours after completion of the construction. Plan preparation, signing, and public notification shall be considered incidental to other items of work and no specific measurement or payment will be made. All existing signs in conflict with the construction signs shall be removed, covered with plywood, or relocated. Any changes in speed limits within the construction zone shall be determined by the Engineer.

Flaggers may be necessary to assist with guiding motorists through a construction area. Flaggers and guards, while on duty, shall wear personal protective equipment that conforms to applicable City, County and State requirements. It is the contractor's responsibility to inform the Engineer of hazardous conditions immediately.

An off-duty Arizona POST certified uniformed Police Officer may be present at the project site in accordance with these specifications. Off-duty officers may be required at signalized intersections per the Engineer. Off-duty officers may not be used as flaggers as part of typical traffic control.

401.8 Measurement and Payment

REMOVE the Section 401.8 from the COP MAG Supplement in its entirety and REPLACE with the following:

The work under this item shall be Lump Sum to include providing all devices, equipment, materials, labor, and incidental and appurtenant work necessary to provide traffic control and off-duty police officer hours for the project in accordance with these technical specifications.

(A) Preparation of traffic control plan shall be inclusive of all submittals, reviews and if needed, resubmittals.

Pay Item: 401.8a SP Traffic Control (LS)

Pay Item: 401.8b SP Changeable Message Boards (EACH PER DAY) (DY)

Pay Item: 401.8c SP Flaggers (HR)

405 SP SURVEY MONUMENTS

Add the following to Section 405 of the COP MAG Supplemental Specifications:

Pay Item: 405.5a SP – Adjust Survey Monument (QCSD 270Q) (EA)

Pay Item: 405.5b SP – Survey Monument (QCSD 120Q, Type ‘A’) (EA)

505 SP CONCRETE STRUCTURES

Add the following to Section 505 of the COP MAG Supplemental Specifications:

505.1.1D SP Concrete Scupper

Work under this item shall be in accordance with MAG Standard Detail 206-1, 206-2 and 206-3, MAG Sections 505 and 725 and above mentioned specifications for Portland Cement Concrete. Payment shall be made per each scupper installed complete in place, including the concrete spillway section and handrail. Base or fill material shall be considered incidental to this item. **Measurement and payment under this item shall be per each scupper installed complete in place in accordance with the respective detail.**

Pay Item: 505.1.1D Concrete Scupper (SF)

505.1.1F SP Concrete Dumpster Pad

Work under this item shall be in accordance with the plan detail, MAG sections 505 and 725 and above mentioned specifications for Portland Cement Concrete. Base or fill material shall be considered incidental to this item. **Measurement and payment under this item shall be per each Concrete Dumpster Pad, to include bollards installed complete in place in accordance with the respective detail.**

Pay Item: 505.1.1F Concrete Dumpster Pad (EA)

505.1.1G SP Vaned Grate/Concrete Trench Drain

Work under this item shall be in accordance with the plan detail, MAG sections 505 and 725 and above mentioned specifications for Portland Cement Concrete. The heavy duty grate shall be Neenah Foundry R-4999 Vaned Type 'L' series or approved equal. Contractor shall submit shop drawings of the grate and concrete trench drain prior to construction. Payment shall be made per each concrete trench drain installed complete in-place, including grates, removal and disposal of existing improvements and replacement of disturbed adjacent pavement. Base or fill material shall be considered incidental to this item. **Measurement and payment under this item shall be per each Concrete Trench Drain installed complete in place in accordance with the respective detail.**

Pay Item: 505.1.1G Vaned Grate/Concrete Trench Drain (EA)

618 SP Storm Drain Construction

Add the following to Section 618 of the COP MAG Supplemental Specifications:

The work consists of furnishing and installing custom manufactured HDPE pipes, bends, flared end sections and catch basins as designated on the project drawings in accordance with project specifications section 618 and manufacturer's specifications.

HDPE bends shall be watertight according to the requirements of ASTM D3212. Gaskets shall meet the requirements of ASTM F477. Gaskets shall be installed by the pipe manufacturer and covered with a removable, protective wrap to ensure the gasket is free from debris. A joint lubricant shall be used on the gasket and bell during assembly. Joints shall have a reinforced bell with a polymer composite band. Fittings shall conform to ASTM F 2306. Bell and spigot connections shall utilize a spun-on or welded bell and valley or saddle gasket meeting the watertight joint performance requirements of ASTM F 2306. The bell tolerance device shall be installed by the manufacturer.

Material for pipe production shall be an engineered compound of virgin and recycled high-density polyethylene conforming with the minimum requirements of cell classification 424420C (ESCR Test Condition B) for 4- through 10-inch (100 to 250 mm) diameters, and 435420C (ESCR Test Condition B) for 12- through 60-inch (300 to 1500 mm) diameters, as defined and described in the latest version of ASTM D3350, except that carbon black content should not exceed 4%. The design engineer shall verify compatibility with overall system including structural, hydraulic, material and installation requirements for a given application.

Payment shall be based on each bend installed complete in place. The storm drain trench work in the vicinity of the bend shall be considered incidental to the construction of this item and provided for in the unit price for the work.

Pay Item: 618.4a 12"x12" HDPE Catch Basin with 2'x2'grate (EA)

Pay Item: 618.4b 12" HDPE pipe (LF)

Pay Item: 618.4c 24" HDPE Flared End Section (EA)

Pay Item: 618.4d 24"-22-1/2 Degree HDPE Bend (EA)

Pay Item: 618.4e 24" HDPE pipe (LF)

Pay Item: 618.4f 4" HDPE pipe (LF)

701 AGGREGATE

Remove Section 701.5 Reclaimed Asphalt Pavement (RAP) from the City of Prescott Supplement and refer to MAG 701.5.

Add the following to Section 701.5 of the MAG Specifications:

Any RAP approved for use shall not include any non-asphaltic or organic materials. Observation and testing of RAP material to be used shall be made available to ENGINEER prior to acceptance or approval for use a minimum of 14 days prior to proposed application.

REMOVE section 710.2.1 from the City of Prescott MAG Supplement and refer to MAG 710.2.1.

710.2.3 Reclaimed Asphalt Pavement (RAP):

Remove MAG Supplement Section 710.2.3 in its entirety and REPLACE with the following:

When allowed by the Engineer, Reclaimed Asphalt Pavement (RAP), as defined in Section 701.5, may be used in asphalt concrete provided all requirements of Section 710 are met. References to use of RAP in Section 710 apply only if RAP is used as part of the mixture.

When RAP is used in asphalt concrete, it shall be of a consistent gradation, asphalt content, and properties. When RAP is fed into the plant, the maximum RAP particle size shall not exceed 3/4 in. The percentage of asphalt in the RAP shall be established in the mix design. The percentage of RAP binder shall be established in the mix design.

When RAP is used in any courses, the amount of RAP aggregate and RAP binder shall not exceed 15% contribution.

In addition to the requirements of Section 710.3.1, the job mix formula shall indicate the percent of asphalt RAP and the percent and performance grade of virgin (added) asphalt binder.

When less than or equal to 15% RAP binder is used by weight of total binder in the mix, the added virgin binder shall meet the requirements for PG 64-22 as specified in the contract documents or as directed by the Engineer.