

**SECTION 00 90 10  
ADDENDUM No. 1**



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**PART 1 GENERAL**

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**1.1 DOCUMENT INCLUDES**

- A. Added Document 00 90 00 Addenda and Modifications
- B. Changes to Document 00 41 10 Bid Schedule
- C. Changes to Drawings

**1.2 CONSTRUCTION CONTRACT**

- A. The Construction Contract is known as 23<sup>rd</sup> Madison to Monroe Storm Project.
- A. Date of this Addendum is February 28, 2023

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**PART 2 CHANGES**

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**2.1 CHANGES TO PRIOR ADDENDA**

- A. None

**2.2 CHANGES TO BIDDING REQUIREMENTS**

- A. Bid Item No. 138 – CCTV Sewer Main and Laterals (Before and After)
  - 1. Added Item to the Bid Schedule
  - 2. Added section 3.26 to the Measure and Payment
- B. Bid Item No. 124 – Install 5’x5’ Cleanout Box on 3’x3’ Box Culvert
  - 1. Measure and Payment section 3.15 part B
    - i. Added the word “potholing”
- C. Bid Item No. 130 – Adjust Sewer Lateral
  - 1. Measure and Payment section 3.19 part B
    - i. Removed the verbiage “video inspection of new sewer lateral and providing footage to the city”
    - ii. Added the verbiage “bridge pipe pier when clearance is less than 6” when crossing under city storm pipe”

**2.3 CHANGES TO AGREEMENT AND OTHER CONTRACT FORMS**

- A. Added Document 00 90 00 Addenda and Modifications Document to Contract

**2.4 CHANGES TO CONDITIONS OF THE CONTRACT**

- A. None

## **2.5 CHANGES TO SPECIFICATIONS**

- A. None

## **2.6 CHANGES TO DRAWINGS**

- A. Sheet G-04
  - 1. Note 38.D
    - i. Removed the reference to the detail C/2220
- B. Sheet C-02
  - 1. Key Note #5 and #17
    - i. Removed the reference to the detail C/2247
- C. Sheet GC-01
  - 1. Removed the detail C/2247 Pipe to Structure Collar

## **2.7 CLARIFICATIONS**

- A. Potholing was added to the 5x5 cleanout box measure and payment to include the costs to pothole for any potential utility conflicts with the outside limits of the 5x5 cleanout box.
- B. Video inspection was removed from being included in the payment of the Bid Item Adjust Sewer Lateral since this will be covered under the new separate CCTV sewer main and lateral bid item.
- C. In the drawings, the pipe to structure collar detail C/2247 was removed since we decided against using rebar dowells as part of the concrete collar. Typical concrete collars will be used at each pipe/culvert to structure connection.

END OF SECTION

**DOCUMENT 00 90 00**  
**ADDENDA AND MODIFICATIONS**

**PART 1            GENERAL**

**1.1    PROCEDURE**

- A. For filing purposes, add Addenda and Modifications to the Contract Documents following this page.

END OF SECTION

**DOCUMENT 00 41 10**  
**BID SCHEDULE**

**PART 1 GENERAL**

**1.1 DOCUMENT INCLUDES**

- A. Bid schedules.
- B. Measurement and payment provisions.

**1.2 CONSTRUCTION CONTRACT**

- A. The Construction Contract is known as:  
**23rd Madison to Monroe Storm Project**

**1.3 REFERENCES**

- A. APWA 01 29 00: Payment Procedures.
- B. Document 00 50 00: Agreement.

**1.4 SCHEDULE TO BE ADDED TO THE AGREEMENT**

- A. This document will be added to the Bid and Agreement by reference.

**PART 2 BID SCHEDULES**

**2.1 GENERAL**

- A. Based upon Bidder's own estimate of quantities and costs and in accordance with paragraph 2.5B.3 of the General Conditions (**Document 00 72 00**), Bidder submits quantities and prices of items aggregating the Contract Price. The following articles summarize the quantities and prices. Bidder will provide additional breakdown when OWNER is considering Bidder's bid or authorizing future pay requests.

**2.1 BASE BID**

- A. Bid Schedule below describes all storm utility, roadway, curb and other work basic to the Contract.

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## BID SCHEDULE

### 23rd Madison to Monroe Storm Project

Item No.	Description	Unit	Bid Quantity	Bid Unit Price	Contract Amount
101	Mobilization/Demobilization	LS	1		
102	Traffic Control and Pedestrian Safety	LS	1		
103	Construction Surveying and Staking	LS	1		
104	Storm Water Pollution Prevention Plan (SWPPP)	LS	1		
105	Remove and Dispose of Existing Storm Drain, 12" or less diameter	LF	515		
106	Remove and Dispose of Existing Storm Drain, 15" - 18" diameter	LF	160		
107	Remove and Dispose of Existing Storm Drain, 24" diameter	LF	430		
108	Remove and Dispose of Existing Storm Drain Junction Boxes	EA	6		
109	Remove and Dispose of Existing Storm Drain Manhole	EA	2		
110	Remove and Dispose of Existing Storm Drain Large Inlet Structure	EA	2		
111	Remove and Dispose of Existing Storm Drain Inlet Structure - Catch Basins	EA	4		
112	Remove and Dispose of Existing Box Culvert and Cleanout Access Points	LF	110		
113	Remove and Dispose of Existing Curb & Gutter	LF	660		
114	Remove and Dispose of Existing Waterway	LS	1		
115	Remove and Dispose of Existing Sidewalk	SF	2050		
116	Remove and Dispose of Existing Asphalt Pavement	SY	2780		
117	Install 15" RCP (Class III)	LF	330		
118	Install 15" RCP (Class V)	LF	50		
119	Install 30" RCP (Class III)	LF	730		
120	Install 38"x24" (30" Equivalent) Elliptical RCP (Class III)	LF	80		
121	Install 2'x3' Catch Basin with Frame and Grate	EA	12		
122	Install double 2'x3' Catch Basin with Frame and Grate	EA	2		
123	Install 5' Storm Drain Manhole	EA	5		
124	Install 5'x5' Cleanout Box on 3'x3' Box Culvert	EA	3		
125	Install 3' x 3' Precast Box Culvert Sections	LF	110		
126	Install 6" Waterline Loop	EA	1		
127	Install 8" Waterline Loop	EA	1		
128	Install 10" Waterline Loop	EA	1		
129	Loop Water Service From Main to Meter	LF	200		
130	Adjust Sewer Lateral	LF	60		
131	Install 4" Thick Concrete Sidewalk	SF	1025		
132	Install 6" Thick Concrete Sidewalk	SF	1025		

<b>133</b>	Install ADA Pedestrian Detectable Warning Surface (Grey, 2' x 4' pad)	EA	10		
<b>134</b>	Install Type A Curb & Gutter	LF	660		
<b>135</b>	Relocate Street Sign	EA	8		
<b>136</b>	Untreated Base Course (APWA SPEC, 1" Minus)	TON	1600		
<b>137</b>	Surface Asphalt Restoration (HMA DM 1/2", PG58-28)	TON	1400		
<b>138</b>	CCTV Sewer Main and Laterals (Before and After)	LS	1		

Total = \$ \_\_\_\_\_

Schedule Total in Words \_\_\_\_\_

Signature \_\_\_\_\_

## PART 3 MEASUREMENTS AND PAYMENT

### 3.1 GENERAL

- A. See measurement and payment procedures in APWA Section 01 29 00.
- B. ENGINEER will take all measurements and compute all quantities.
- C. CONTRACTOR will verify measurement and quantities.
- D. Unit price for bid items shall be independent of the quantity actually used. No adjustment in price will be allowed for quantities that are significantly more or less than the quantities listed on the Bid Schedule.
- E. CONTRACTOR will provide all equipment, workers, and survey crews to assist ENGINEER in making measurements.
- F. Units of measurement are listed above in the bid schedule(s).
- G. References:
  - a. APWA Standard Plans and Specifications (Current Edition)
  - b. Ogden City's Engineering Standards (Current Edition)

### 3.2 Bid Item No. 101 - Mobilization / Demobilization

- A. Measurement and Payment for this item shall be by lump sum (LS)
- B. Payment shall be made at the lump sum price and shall include all costs for mobilization and demobilization; including but not limited to temporary facilities, modifying and maintaining project identification signs, movement of equipment, traffic control, coordination with all the agencies/entities having jurisdiction, utility companies and affected property owners and all necessary permits from Ogden City and other applicable entities.
- C. Payment will be made on a percentage basis per the table below

PAY FACTORS FOR MOBILIZATION, TRAFFIC CONTROL, AND TEMPORARY FACILITIES	
Percent of Original Contract Amount Earned Not Including Materials Purchased	Percent of Amount Bid for Mobilization/TC to be Paid
5	40
15	20
40	30
50	10

### 3.3 Bid Item No. 102 - Traffic Control and Pedestrian Safety

- A. Measured by lump sum (LS).
- B. Payment includes all costs incidental to traffic control as specified in specification 01 55 26M. Payment will be made on a percentage basis as listed in the same table used for mobilization above. Traffic Control plan is to be design by a licensed engineer and must be submitted to Ogden City for approval. Contractor shall also be responsible for any changes or other maintenance throughout the duration of this project.
- C. Traffic control plan within 10 days of receiving the Notice of Intent to Award. A traffic control plan must be approved and stamped by an engineer before a right of way permit is issued.

### 3.4 Bid Item No. 103 – Construction Surveying and Staking

- A. Measured by lump sum (LS).
- B. Payment shall be as a portion of the lump sum price bid and shall include all costs to provide construction surveying and staking for the project including all labor by the Contractor's Surveyor, equipment, materials and supplies necessary to provide survey preparation, control, staking offsets and markers necessary for construction of the water line system, curb & gutter elevations, sidewalk elevations, driveways, ped ramps, roadway, and appurtenances associated with the project.

### 3.5 Bid Item No. 104 – Storm Water Pollution Prevention Plan (SWPPP)

- A. Measured by lump sum (LS).
- B. Payment covers the CONTRACTOR in providing and maintaining a storm water pollution prevention plan as outlined by the State of Utah DWQ. Permit No. UTR090000 found at: <https://documents.deq.utah.gov/water-quality/stormwater/updes/DWQ-2020-005275.pdf>  
which outlines the required steps for preparing and maintaining the SWPPP, provides guidelines, examples, templates, BMP specifications, etc. The CONTRACTOR will be listed as an operator along with Ogden City. Payment also covers all erosion control that is not listed as separate bid items, which includes; silt fence, construction fencing, inlet protection, inlet clean-out (if necessary).
- C. Payment shall cover dust control/watering of the site, a SWPPP board posted onsite, daily maintenance of the construction zone, **daily sweeping**, maintaining BMP devices, and maintaining general cleanliness of the site and staging areas during the construction process to the satisfaction of the City. Trenches shall be maintained at all times to avoid ruts larger than a 2 inch depth.
- D. Payment shall cover temporary water meter rental fees billed to the Contractor from the City. Contractor will NOT be billed for water usage for the project but must utilize a meter to obtain City water for the project.



### **3.6 Bid Item Nos. 105-107 — Remove and Dispose of Existing Storm Drain Pipeline**

- A. Measurement: Measured and paid for on a linear foot basis (LF), measured in the field, to the nearest foot. Unless indicated otherwise, measurement to be along the pipe from the inside face to inside face of manholes or other structures, or to the end of the pipe where no structure exists.
- B. Payment shall be complete compensation for all labor, tools, materials, and equipment involved in excavating, removing and disposing of existing storm drain or sewer pipe as shown on the drawings per state and local standards. Payment also includes excavation; supplying, installing, testing and compacting granular borrow backfill to the necessary grade, and restoring any adjacent facilities disturbed by construction activities associated with this item.

### **3.7 Bid Item Nos. 108-111 — Remove and Dispose of Existing Storm Drain Junction Boxes/Manholes/Large Inlet Structures/Catch Basin**

- A. Measurement: Measured and paid for on a per each basis (EA). Measurement to be by actual field count of each existing storm drain junction box, manhole, catch basin, or inlet structure removed and disposed of.
- B. Payment shall be complete compensation for all labor, tools, materials, and equipment involved in excavating, removing and disposing of existing storm drain facilities and other miscellaneous items required to complete the work. Payment also includes supplying, installing, testing, and compacting backfill materials and restoring any adjacent facilities disturbed by construction activities associated with this item.

### **3.8 Bid Item No. 112 – Remove and Dispose of Existing 3’x3’ Box Culvert and Cleanout Access Points**

- A. Measurement: Measured and paid for on linear foot basis (LF). Measurement shall be along centerline of the removed box culvert from end to end of the extents removed. Centerline length is also to include all length spanning existing cleanout access points removed and disposed of on the existing box culvert.
- B. Payment shall be complete compensation for all labor, tools, and equipment involved in removing the existing cast-in-place 3’x3’ box culvert and all existing access points shown on the plans, including but not limited to: excavating, sawcutting, removing and disposing of access point materials. Payment also includes supplying, installing, testing, and compacting temporary backfill materials.
- C. Work, materials, and other resources not covered by the item describing installation of new precast culvert sections and connection to existing culvert and new junction boxes are covered by this item.
- D. Material and labor involved with the installation and connection of new precast culvert sections, including supplying, installing, testing, and compacting permanent backfill and all other associated restoration work is covered under its respective bid item.

**3.9 Bid Item No. 113 — Remove and Dispose of Existing Curb and Gutter**

- A. Measurement: Measurement shall be on a per linear foot basis (LF), measured to the nearest foot.
- B. Payment Covers: Costs for labor, tools, materials, and equipment involved in removing and disposing of existing concrete curb and gutter, including removal of underlying soil materials in preparation for installation of new base course.

**3.10 Bid Item No. 114 — Remove and Dispose of Existing Concrete Waterway**

- A. Measurement: Measurement shall be by lump sum (LS)
- B. Payment Covers: Costs for labor, tools, materials, and equipment required to remove and dispose of the existing waterway at the intersection of Liberty Ave and 23<sup>rd</sup> St.
- C. Payment for the removal of existing asphalt pavement is covered under Bid Item 115. The waterway and surrounding concrete, up to 2 feet from the front of the curb, are not to be accounted in other bid items pertaining the removal of concrete.

**3.11 Bid Item No. 115 — Remove and Dispose of Existing Sidewalk**

- A. Measurement: Measurement shall be on a per square foot basis (SF), measured to the nearest square foot.
- B. Payment Covers: Costs for labor, tools, materials, and equipment required to remove and dispose of the existing sidewalk, including removal of underlying soil materials in preparation for installation of new base course.

**3.12 Bid Item No. 116 — Remove and Dispose of Existing Asphalt Pavement**

- A. Measurement: Measurement shall be on a per square foot basis (SY), measured to the nearest square yard.
- B. Payment covers saw cutting existing pavements and necessary work to remove, haul, and dispose of asphalt pavement, including cost of furnishing all necessary equipment, labor, hauling, and disposal. This item also includes removal of existing base course under removed asphalt pavement to the thickness needed to match Ogden City standard for new asphalt pavement with base course.
- C. On-site pothole information provided in the drawings indicates the typical existing asphalt thickness is approximately 6”.

**3.13 Bid Item Nos. 117-120 — RCP Storm Drain**

- A. Measured and paid for on a linear foot basis (LF), measured in the field along centerline of pipe, to the nearest foot, for the type, size and class indicated in the Bid Schedule between structures. Unless indicated otherwise, measurement to be along the pipe from the inside face to inside face of manholes, catch basins, or other structures, or to the end of the pipe where no structure exists, with no deduction for fittings.
- B. Payment includes but is not limited to: Furnishing and installing pipe of the material, type, size and class indicated, including gaskets, adapters, plugs; trench excavation; excavation for bells; utility potholing; capping or plugging of the existing storm drain pipe(s) to be abandoned; supplying, installing, compacting and testing imported trench zone and pipe zone materials in accordance with the drawings and Ogden City Standards; trench boxes or shoring as needed; dewatering; management of storm water during construction; trench dewatering; connection of the existing storm drain to the new storm drain; reconnection of existing storm drain laterals to the new storm drain manholes; connecting new storm drain to existing structures; pipe cutting; field collars; field closures; cleaning new pipe and providing CCTV inspection of new pipe prior to acceptance by owner, commissioning pipelines. There will be no payment for over excavation unless approved in written form by the engineer prior to the excavation. Payment shall also include measures to protect the new pipeline from being damaged or filled with sediment from a runoff event during construction.
- C. Payment for base course material and asphalt surface restoration are covered under their respective bid items.

**3.14 Bid Item Nos. 121, 122, 123— Install Storm Drain Catch Basin(Single, Double) /Manhole**

- A. Measurement: Measured and paid for on a per each basis (EA). Measurement to be by actual field count of each type, and size of installed precast concrete structure identified on the bid schedule and in the plan set.
- B. Payment Covers: Furnishing and installing each type of precast concrete storm drain manhole or precast concrete storm drain catch basin, complete, including, but not limited to: additional excavation; reinforced concrete; supplying and installing all precast structures, risers, grates, and covers; ladder rungs; grouted channel troughs; connection to existing and/or new pipes, backfill material, compaction, testing, materials and labor for backfill, and all other items needed to complete the work including cleaning and placing structures in service.
- C. Payment also covers all costs for labor, equipment, and material required to raise and concrete collar the structure to the finished asphalt grade.
- D. The connection to any pipe culvert or other drainage feature will be incidental to construction and no separate payment will be made for this work.
- E. The City will make no separate payment for testing upon failure of visual inspection.
- F. Payment for base course and asphalt restoration are covered under their respective bid items.

### **3.15 Bid Item No 124 — Install 5' by 5' Cleanout Box on 3'x3' Box Culvert**

- A. Measurement: Measured and paid for on a per each basis (EA). Measurement to be by actual field count of precast concrete cleanout boxes installed on the box culvert.
- B. Payment Covers: Furnishing and installing each precast concrete cleanout box on the existing 3' by 3' box culvert, complete, including, but not limited to: additional excavation, potholing, reinforced concrete; supplying and installing all precast structures, risers, grates, and covers; cast-in-place concrete; ladder rungs; grouted channel troughs; connection to existing and/or new pipes/culvert, backfill material, compaction, testing, materials and labor for backfill, and all other items needed to complete the work including cleaning and placing structures in service. Payment also includes labor, materials, tools, and equipment required for concrete field collars as needed to complete the connection of the new structure to the box culvert.
- C. Payment also covers all costs for labor, equipment, and material required to raise and concrete collar the structure to the finished asphalt grade.
- D. Contractor is to ensure all cleanouts on the box culvert are constructed according to pre-cast box manufacturer's recommendations and Ogden City design standards.

### **3.16 Bid Item No. 125 — Install 3'x3' Precast Box Culvert Sections**

- A. Measurement: Measured and paid for on a per linear foot basis (LF), measured as installed in the field along the centerline of the precast box culvert segments. Unless indicated otherwise, measurement to be along the box culvert from the inside face to inside face of cleanout boxes or other structures, or to the end of the pipe where no structure exists, with no deduction for fittings. Where connecting to the existing culvert, measurement will terminate at the face of the existing box culvert.
- B. Payment shall be complete compensation for all labor, tools, and equipment involved in installing new precast 3'x3' box culvert sections and connecting to the existing 3'x3' box culvert or new cleanout boxes to be installed. Payment also includes furnishing and installing a new section of precast concrete box culvert meeting HS20 loading and connect to existing in accordance with the Contract Documents. Payment also includes sawcutting, grouting, supplying, installing, testing, and compacting backfill materials and other work needed to complete the box culvert installation and connect to existing and new cleanout structures.

### **3.17 Bid Item Nos. 126-128 — Install Waterline Loop**

- A. Measurement: Measured and paid for on a per each basis (EA) for fully restrained ductile iron loop with four 45-degree bends installed on the loop. Measurement to be by actual field count of each existing water main based on size that must be looped due to a conflict with construction of the new storm drain pipeline or new sewer main.
- B. Payment covers all labor, tools, equipment and materials needed to install a water main loop of the size indicated, with installation per Drawings and APWA Plan No. 543 and connecting back into the system. Payment covers the cost of incidental work such as potholing, gaskets, bolts and nuts, bends, sleeves, transition couplings; joint retaining devices; miscellaneous fittings; greasing and wrapping all exposed fittings, bolts and nuts; polyethylene bagging of new water pipe and fittings; additional saw cut and removal of trench pavement, excavation, pipe dewatering, and removal of base course outside the typical trench section due to the additional excavation required for the installation of the loop; supplying, installing, compacting, and testing imported trench zone and pipe zone materials in accordance with the drawings; concrete thrust restraints; disinfection and commissioning pipeline; pressure testing; and all other work required to complete this work item.
- C. Payment for new untreated base course material installed and asphalt restoration are covered under their respective bid items.

### **3.18 Bid Item Nos. 129 — Loop Water Service from Main to Meter**

- A. Measurement: Measured and paid for on a per linear foot basis (LF). Measurement to be by actual length of new water service lateral piping that is installed from main pipe to meter due to a conflict with construction of the new storm drain pipeline.
- B. Payment covers the cost of the all materials, labor, and equipment to install the water service loop including but not limited to the poly tubing indicated, with installation per Ogden City Standard Drawing W-3. Payment also covers incidental work such as but not limited to potholing; trench excavation; supplying, installing, testing, and compacting backfill materials; furnishing and installing service saddle clamps and adapters necessary for a watertight connection to the existing service pipe, all fittings; taps; tracer wire; Raven meter box, ring & cover; adjusting meter box and cover to grade
- C. Payment for base course material and asphalt restoration are covered under their respective bid items.
- D. Any concrete (sidewalk, curb and gutter) removed and replaced to facilitate this work, and all other restoration work appurtenant to new concrete installation, are covered under their respective bid items.

### **3.19 Bid Item Nos. 130 — Adjust Sewer Lateral**

- A. Measurement: Measured and paid for on a linear foot basis (LF). Measurement to be by actual field count of each type of sewer lateral relocation or replacement as defined in the drawings and Bid Schedule.
- B. Payment covers: Removing and disposing of sections of existing sewer lateral as needed for construction; Furnishing and installing replacement sewer lateral pipe of the corresponding size per Ogden City Standard Drawing SS-2, including all couplings, gaskets, joint lubricants, adapters, plugs, and fittings needed for the replacement; supplying, installing, testing, and compacting backfill materials; connection of the lateral to the existing lateral as required; managing wastewater on site; dewatering; temporary plugging of sewer laterals;; pipe cutting; cleaning new lateral prior to acceptance by owner; disposal of all waste materials; restoration of all utilities damaged as a result of operations; restoring all parkstrip, grass and landscape (outside the extents required to install new sidewalk or curb and gutter) to meet or exceed existing conditions. Payment also covers soil preparation, potholing, import pipe bedding and backfill, bridge pipe pier when clearance is less than 6” when crossing under city storm pipe, and other miscellaneous devices, materials, or equipment required.
- C. The intent of this item is to remove and replace a section of existing sewer lateral to the extents needed to achieve clearance under the new storm drain pipe while maintaining minimum sewer lateral slopes. Reconnecting short sections of sewer lateral pipe is appropriate, and new connections to the main or to the cleanout may not be required but shall be incidental to this item.
- D. Payment for base course material and asphalt restoration are covered under their respective bid items.
- E. Any concrete (sidewalk, curb and gutter) removed and replaced to facilitate this work, and all other restoration work appurtenant to new concrete installation, are covered under their respective bid items.

### **3.20 Bid Item Nos. 131-132 — Install Concrete Sidewalk**

- A. Measurement: Measurement and paid for on a per square foot basis (SF), measured as installed in the field to the nearest square foot.
- B. Payment Covers: Labor, materials, tools, and equipment required to install sidewalk to the thicknesses specified by Ogden City Standard Drawing RD-5: additional excavation and preparation for grading subgrade/base material and formwork; expansion joints; forming, placing, finishing, and testing of the concrete; landscape restoration; and irrigation systems repair or replacement when damaged by the contractor’s operations.
- C. Payment for concrete shall be limited to the required thickness based on the location and anticipated loads on the sidewalk per Ogden City Standard Drawing RD-5. Payment for sidewalk installed at a thickness greater than required shall be paid at the unit price specified for the required thickness.
- D. Payment for untreated base course material costs is covered under the separate base course bid item.

**3.21 Bid Item No 133. — Install ADA Pedestrian Detectible Warning Surface**

- A. Measurement: Measured on a per each basis (EA).
- B. Payment: includes all costs, materials, labor, and equipment incidental to the furnishing and placement of a tactile warning pad that is gray in color, which meets ADA requirements at the location indicated by the plans.

**3.22 Bid Item No 134 — Install Type A Curb & Gutter**

- A. Measurement: Measured and paid for on a per linear foot basis (LF), measured as installed in the field to the nearest foot.
- B. Payment Covers: Labor, materials, tools, and equipment required to install curb and gutter specified by Ogden City Standard Drawing RD-4: additional excavation and preparation for grading subgrade/base material and formwork; expansion joints; forming, placing, finishing, and testing of the concrete; landscape restoration; and irrigation systems repair or replacement when damaged by the contractor's operations.
- C. Payment for untreated base course material costs is covered under the separate base course bid item.
- D. Payment for required asphalt patching to tie-in to existing pavement is covered under the surface asphalt restoration bid item.

**3.23 Bid Item No 135 — Relocate Street Sign**

- A. Measurement: Measured and paid for on a per each basis (EA).
- B. Payment covers: Costs for labor, tools, materials, and equipment required to remove, preserve, and reinstall street signs at street corners in accordance with Ogden City Standard Drawing RD-9.

**3.24 Bid Item No. 136 —Untreated Base Course (APWA SPEC, 1” Minus)**

- A. Measurement: Measured on a per ton basis (TONS) of untreated base course placed and compacted based on supplier truck tickets.
- B. Payment covers the cost of furnishing all necessary materials, aggregate base course, labor, hauling, placement, and compaction to produce an acceptably deep aggregate base course layer per Ogden City Standard Drawings RD-3. Payment covers the cost of installing the full thickness of aggregate base course layer, preparation for pavement or concrete installation, and testing of untreated base course. (Refer to Section 33 05 25, Pavement Restoration)
- C. Compacted base course thickness shall match the thicknesses specified in the current Ogden City Standards and Drawings for the respective type of installation.
- D. No payment will be made for aggregate base course purchased and installed as a temporary construction measure.
- E. No payment for this item will be made for aggregate base used as trench backfill (below the bottom of UTBC level).
- F. Aggregate base course shall be untreated. No recycled roadbase (or any recycled material) will be accepted for roadbase on the project.

**3.25 Bid Item Nos. 137 — Surface Asphalt Restoration (HMA DM ½”, PG58-28)**

- A. Measurement: Measured and paid for on a per ton basis (TONS) based on supplier truck tickets but limited to the pay limits defined in the Drawings, and based on the indicated depth of asphalt placed in accordance with Ogden City Standards. Thickness of asphalt placed shall match the existing asphalt thickness plus 1”, but no greater than 8” thick and no less than 4” thick.
- B. Payment Covers: All labor, materials, tools, and equipment required to complete asphalt restoration, including but not limited to: Saw cutting as required; tack coat; and placing and compacting the asphalt pavement material per specifications and drawings to final surface grade.
- C. Payment for untreated base course material used for asphalt restoration is covered under the untreated base course bid item.

**3.26 Bid Item No. 138 – CCTV Sewer Main and Laterals (Before and After)**

- A. Measurement: Measured by lump sum (LS)
- B. Payment covers: All costs, labor and equipment required to CCTV the sanitary sewer main and relevant laterals within the project area twice (once before demolition begins and once after all utilities are completed and backfilled). Includes costs to record, compile, label, and provide the CCTV footage to the City for record and review.
- C. The proposed sewer main and laterals to have CCTV shall be reviewed and approved by the ENGINEER before CCTV is performed. The sewer laterals that cross the new storm pipe are the only laterals that need CCTV.



END OF DOCUMENT