

**ADDENDUM TO
MCKINNON STREET REHABILITATION**

ADDENDUM NO:	1
ADDENDUM ISSUE DATE:	MAY 28, 2026
PREVIOUS ADDENDA:	0
CURRENT BID DEADLINE:	JUNE 04, 2026
PREVIOUS BID DEADLINE:	JUNE 04, 2026
TOTAL NUMBER OF PAGES, THIS ADDENDUM:	24

Acknowledge receipt of this Addendum on the Bid Proposal. Failure to do so may subject bidder to disqualification.

ADDENDUM TO THE CONTRACT DOCUMENTS

This Addendum forms a part of the Contract Documents. The following items of the Contract Documents are modified as indicated herein.

VOLUME 1 - PROJECT MANUAL

- Item No. 1 SECTION 00310 BID SCHEDULE, *Replace* this Section in its entirety with the attached SECTION 00310 BID SCHEDULE, labeled Addendum 1 and dated May 28, 2026. Pay Item No. 02202.4 Rock Excavation has been added.
- Item No. 2 SECTION 01025 MEASUREMENT AND PAYMENT, *Replace* this Section in its entirety with the attached SECTION 01025 MEASUREMENT AND PAYMENT, labeled Addendum 1 and dated May 28, 2026.
- Item No. 3 SECTION 01550 SITE ACCESS AND STORAGE, Article 1.3 MAINTENANCE OF TRAFFIC, *Replace* Item S with the following:
 - S. Street Closure Requirements. The following street closure allowances and limitations shall apply to this contract, and shall take precedence over any conflicting public access requirements and limitations given elsewhere in the Contract Documents.
 - 1. The CONTRACTOR is permitted to close the entirety of Mckinnon Street to all vehicular or pedestrian traffic for the duration of the project.
 - a. Full closure allowance does not apply to areas of work within Front Street or Church Street Rights of Way.
 - 2. No work may begin within the Front Street Right of Way prior to July 4th, 2026.
 - a. Non-destructive Work, such as survey, may be permitted upon engineer approval.

3. Approved Traffic Control Measures must be in place for any planned impacts to vehicular or pedestrian traffic within Front Street or Church Street, regardless of the closure duration.
 - a. Full, concurrent closure of both traffic lanes of vehicular traffic will not be permitted on Front Street.
 - b. Full, concurrent closure of both lanes of vehicular traffic will not be permitted on Church Street except when approved by the Engineer for water system improvements in the intersection.
 - c. In the event of a full closure of Church Street, the Contractor shall supply, install, and maintain formal detour signage. The detour route must direct vehicular traffic through Bevier Street, Reid Street, and Federal Way to ensure uninterrupted access to and from downtown municipal points.
4. CONTRACTOR shall coordinate and provide accommodations for emergency vehicle, public transportation, pedestrian, trash collection, and mail delivery to all properties impacted by the WORK.
5. At the time of each road or lane closure, the CONTRACTOR shall contact the Fire and Police Departments and inform them of the planned period of closure. Further contact shall be made when the planned closure period is changed.

Item No. 4 SECTION 02202 EXCAVATION AND EMBANKMENT, PART 2 PRODUCTS, **Add** the following article.

2.4 ROCK EXCAVATION

- A. Bedrock may exist within the project limits. Excavation activities in rock may be required. CONTRACTOR shall provide a hydraulic breaker excavator attachment with a minimum energy class of 3000 ft-lbs to perform all rock demolition activities. CONTRACTOR shall provide a specification sheet for the hydraulic breaker attachment to the Engineer for review and approval prior to performing Rock Demolition.

Item No. 5 SECTION 02202 EXCAVATION AND EMBANKMENT, Article 3.2 Excavation, **Replace** Item E with the following:

- E. Dispose of excavated soils that do not meet the requirements for Usable Excavation or are in excess of quantity needed within the project.
 1. Deliver and dispose of excavated soil at the required disposal site located on the side slope along Grave Street, off of Evergreen Avenue, near Petroglyph Beach State Park. It is estimated that this area can receive approximately 300 cubic yards.

- a. Coordinate with CBW personnel for delivery of excavated material to the required disposal site and dump material at the directed location. CBW will be responsible for receiving and spreading material delivered by the CONTRACTOR.
2. Once the required disposal site is at capacity, as determined by CBW, dispose of excavated material at a location secured by the CONTRACTOR.

Item No. 6 SECTION 02202 EXCAVATION AND EMBANKMENT, PART 3 EXECUTION, *Add* the following article.

3.5 ROCK EXCAVATION

- A. No rock excavation will be performed without prior ENGINEER Approval. Notify the Engineer if rock is discovered to conflict with utilities or roadway structure. If rock conflicts with other WORK, the ENGINEER shall:
 1. Direct minor adjustments to utilities or other WORK in order to avoid or minimize rock excavations.
 2. Direct the CONTRACTOR to perform Rock Excavation.
- B. Perform Rock Excavation to the limits directed by the ENGINEER with equipment suitably equipped to demolition and remove rock.
- C. The ENGINEER shall be on site for all rock demolition activities and shall record the times for payment purposes. The CONTRACTOR shall review recorded times and confirm their accuracy at the end of each day's rock demolition activities. The CONTRACTOR may maintain his own records; however, the Engineer's records shall be those utilized for payment purposes. Should the Contractor not be available to confirm recorded time by the end of the working day he shall thus agree that the Engineer's records are true and accurate and shall be used for payment purposes.
 1. Rock Excavation time measurements shall include only the actual demolition activities performed by the hydraulic breaker of the size specified herein. Rock Excavation measurements shall not include time required for removal, transport, disposal or placement of demolished rock material.

Item No. 7 SECTION 02703 EXISTING CONDITIONS SURVEY, ARTICLE 3.1 EXISTING CONDITIONS SURVEY PLAN, *Add* the following items:

- B. The existing conditions survey plan submittal will designate the Contractor's personnel responsible for executing and reporting the existing conditions survey, including an Alaska Registered Professional Surveyor and a project superintendent.

- C. The existing conditions survey plan submittal will identify survey control points and the Contractor's plan to ensure control points remain in place and protected throughout the work such that the reference locations will be consistent for the pre and post elevation surveys.

END OF ADDENDUM 1

SECTION 00310 - BID SCHEDULE

Bidders Please Note: Before preparing this Bid Schedule, read carefully the Invitation for Bids, Instructions to Bidders, and the Technical Specifications.

The Bidder shall insert a unit price opposite each pay item in the Bid Schedule and multiply the unit price by the estimated quantities for this contract. No price is to be tendered for any item not appearing in the Bid Schedule. In the event there is more than one pay item in the Bid Schedule and the total indicated for the schedule does not agree with the sum of the prices bid on the individual items, the prices bid on the individual items shall govern and the total for the schedule will be corrected accordingly, and the Bidder shall be bound by the correction.

A Local Bidder Preference, in accordance with Wrangell Municipal Code, Article 5.10.040, Section D. LOCAL BIDDER PREFERENCE AWARD, _____ will, X will not, be utilized on this project.

McKINNON STREET REHABILITATION

Pay Item No.	Pay Item Description	Pay Unit	Approx. Quantity	Unit Price		Amount	
				Dollars	Cents	Dollars	Cents
01505.1	Mobilization	LS	All Req'd	LUMP	SUM	\$	
01550.1	Traffic Control	LS	All Req'd	LUMP	SUM	\$	
01570.1	Temporary Erosion and Sediment Control	LS	All Req'd	LUMP	SUM	\$	
02202.1	Excavation and Disposal	CY	1000			\$	
02202.2	Existing Conduits Preservation and Protection	LS	All Req'd	LUMP	SUM	\$	
02202.3	Class A Shot Rock Borrow	CY	690			\$	
02202.4	Rock Excavation	HR	20			\$	
02204.1	Base Course	CY	170				
02350.1	Archaeological Resource Inadvertent Discovery Impact	CH	50			\$	
02401.1	10-Inch PVC C900 Sanitary Sewer Pipe	LF	228			\$	
02401.2	8-Inch PVC C900 Sanitary Sewer Pipe	LF	62			\$	
02401.3	Sewer Lateral	EA	2			\$	
02401.4	Connect to Existing Sanitary Sewer Pipe	EA	4			\$	
02402.1	Sanitary Sewer Manhole	EA	1			\$	
02403.1	Sanitary Sewer Temporary Services and Bypass	LS	All Req'd	LUMP	SUM	\$	
02501.1	12-Inch CPP Pipe Culvert	LF	54			\$	
02501.2	24-Inch CPP Pipe Culvert	LF	210			\$	
02501.3	Storm Sewer Service Lateral, 4-Inch PVC	EA	1			\$	
02501.4	Connect to Existing Storm Sewer Pipe	EA	2			\$	
02502.1	Storm Drain Catch Basin	EA	1			\$	
02502.2	Storm Drain Manhole	EA	1			\$	
02601.1	8-Inch HDPE Water Pipe	LF	244			\$	
02601.2	Connect to Existing Water Main	EA	2			\$	
02601.3	Furnish Corrosion Protection Anode	EA	4			\$	
02601.4	Install Corrosion Protection Anode	EA	4			\$	
02601.5	Fire Protection Systems Temporary Shutdown	LS	All Req'd	LUMP	SUM	\$	
02602.1	8-Inch Water Valve	EA	1			\$	

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SECTION 00310 - BID SCHEDULE

McKINNON STREET REHABILITATION

Pay Item No.	Pay Item Description	Pay Unit	Approx. Quantity	Unit Price		Amount	
				Dollars	Cents	Dollars	Cents
02605.1	Water Service, 1-Inch or 2-Inch HDPE	EA	3			\$	
02605.2	Fire Service, 6-Inch HDPE	EA	1			\$	
02606.1	Temporary Water System	LS	All Req'd	LUMP	SUM	\$	
02607.1	Pipe Insulation	BD	20			\$	
02702.1	Construction Surveying	LS	All Req'd	LUMP	SUM	\$	
02703.1	Existing Conditions Survey	LS	All Req'd	LUMP	SUM	\$	
02707.1	4-Foot-Wide Chain Link Fence Gate	EA	2			\$	
02707.2	Remove and Dispose of Fence	LF	53			\$	
02711.1	Landscaping	LS	All Req'd	LUMP	SUM	\$	
02716.1	Remove and Dispose of Existing Storm Drain Pipe	LF	209			\$	
02716.2	Remove and Dispose of Existing Water Main, Non AC Pipe	LF	54			\$	
02716.3	Remove and Dispose of Existing Water Main, AC Pipe	LF	197			\$	
02716.4	Remove and Dispose of Existing Sewer Main, Non AC Pipe	LF	295			\$	
02716.5	Remove and Dispose of Existing Sewer Main, AC Pipe	LF	295			\$	
02717.1	Remove and Dispose of Existing Sewer Manhole	EA	1			\$	
02718.1	Sign Assembly	LS	All Req'd	LUMP	SUM	\$	
02723.1	Removal and Resetting of Structures and Obstructions	LS	All Req'd	LUMP	SUM	\$	
02806.1	Remove Existing Asphalt Surfacing	SY	850			\$	
03301.1	Concrete Roadway	SY	1081			\$	
03301.2	Concrete Retaining Wall	CY	11			\$	
03303.1	Concrete Sidewalk, 4-Inch Thick	SY	180			\$	
03303.2	Concrete Sidewalk and Driveway, 6-Inch Thick	SY	15			\$	
03303.3	Curb and Gutter, All Types	LF	404			\$	
03303.4	Detectable Tile	EA	2			\$	
03304.1	Remove and Dispose of Existing Curb	LF	404			\$	
03304.2	Remove and Dispose of Existing Concrete Roadway & Sidewalk	SY	446			\$	
03304.3	Remove and Dispose of Concrete Retaining Wall	LS	All Req'd	LUMP	SUM	\$	
05120.1	Guardrail	LF	67			\$	

TOTAL BASE BID AMOUNT IN FIGURES: \$ _____

TOTAL BASE BID AMOUNT IN WORDS: _____

BIDDER NAME: _____

SECTION 01025 – MEASUREMENT AND PAYMENT

PART 1 - GENERAL

- A. Payment for the various items of the Bid Schedule, as further specified herein, shall include all compensation to be received by the CONTRACTOR for furnishing all tools, equipment, supplies, and manufactured articles, and for all labor, operations, and incidentals appurtenant to the items of WORK being described, as necessary to complete the various items of the WORK all in accordance with the requirements of the Contract Documents, including all appurtenances thereto, and including all costs of permits and cost of compliance with the regulations of public agencies having jurisdiction, including Safety and Health Requirements of the Occupational Safety and Health Administration of the U.S. Department of Labor (OSHA).
- B. No separate payment will be made for any WORK item that is not specifically set forth in the Bid Schedule, and all costs therefore shall be included in the prices named in the Bid Schedule for the various appurtenant items of WORK.
- C. In addition to other incidental items of WORK listed elsewhere in the contract, the following items shall also be considered as incidental to other items of WORK under this contract:
 - 1. Removal and replacement of survey monuments and markers disturbed during construction, whether shown on the Plans or not.
 - 2. Trench excavation, bedding and backfill as required for all piping, and structures installations.
 - 3. Temporary shoring of trenches or bracing of existing facilities as required for constructing any/all improvements.
 - 4. Maintenance of all services through the Project area, including water, storm, garbage pickup, mail delivery, other deliveries and emergency vehicles.
 - 5. Minor grading of fill materials as required to match existing grades and maintain positive surface drainage.
 - 6. Minor changes in grades to fit field conditions that do not impact material quantities.
 - 7. Miscellaneous connecting and attachment hardware as required for installing new equipment and pipe systems.
 - 8. Imported fill and compaction efforts required to fill voids left from removal of structures and pipes to be demolished or relocated.

PART 2 – PAY ITEMS

DIVISION 1 – GENERAL REQUIREMENTS

1.1 MOBILIZATION (Pay Item No. 01505.1) PRICE BASED ON LUMP SUM

- A. Measurement for payment for Mobilization will be based upon the completion of the entire WORK as a Lump Sum Pay Unit, complete, all in accordance with the requirements of the Contract Documents.
- B. Payment for Mobilization under the Base Bid shall be made at the amount shown on the Bid Schedule under Pay Item No. 01505.1, which payment shall constitute full compensation for all WORK described in Section 01505 - Mobilization, as shown on the Plans and as directed by the ENGINEER.
- C. Partial payments will be made as the WORK progresses as follows:
 - 1. When 5% of the total original contract amount is earned from other pay items, 50%

SECTION 01025 – MEASUREMENT AND PAYMENT

of the amount bid for Mobilization, or 5% of the original contract amount, whichever is lesser, will be paid.

2. When 10% of the total original contract amount is earned from other pay items, 100% of the amount bid for Mobilization, or 10% of the original Contract amount, whichever is lesser, will be paid.
3. Upon completion of all WORK on the Project, payment of any amount bid for Mobilization in excess of 10% of the total original contract amount will be paid.

1.2 TRAFFIC CONTROL (Pay Item No. 01550.1) PRICE BASED ON LUMP SUM

- A. Measurement for payment for Traffic Control shall be based upon the completion of the entire WORK as a Lump Sum Pay Unit, complete, all in accordance with the Contract Documents.
- B. WORK under this Pay Item includes the planning, preparation and implementation of all temporary traffic control measures for vehicular and pedestrian traffic and obtaining all necessary permits and approvals for Traffic Control.
- C. Payment for Traffic Control shall be made at the amount shown on the Bid Schedule under Pay Item No. 01550.1, which payment shall constitute full compensation for all WORK described in Section 01550 – Traffic Control, as shown on the Plans and as directed by the ENGINEER.

1.3 TEMPORARY EROSION AND SEDIMENT CONTROL (Pay Item No. 01570.1) PRICE BASED ON LUMP SUM

- A. Measurement for payment for Temporary Erosion and Sediment Control shall be based upon the completion of the entire WORK as a Lump Sum Pay Unit, complete, all in accordance with the Contract Documents.
- B. WORK under this Pay Item includes obtaining all necessary permits for storm water control as required by Alaska Department of Conservation and the Environmental Protection Agency. This includes the preparation of an Erosion and Sediment Control plan and furnishing, installing and maintaining the measures.
- C. Payment for Temporary Erosion and Sediment Control shall be made at the amount shown in the Bid Schedule under Pay Item No. 01570.1, which payment shall constitute full compensation for all WORK described in Section 01570 – Erosion and Sediment Control, as shown on the Drawings and as directed by the ENGINEER.

DIVISION 2 – SITE WORK

2.1 EXCAVATION AND DISPOSAL (Pay Item No 02202.1) PRICE BASED ON QUANTITY, CUBIC YARD

- A. Measurement for payment for Excavation and Disposal shall be based on the number of cubic yards of material excavated as determined by the average end area method, based upon final design template neat lines. Where impractical to measure by the average end area method, the ENGINEER may approve other acceptable methods involving three-dimensional measurements
- B. Material Excavated outside of the lines, grades and typical sections indicated in the Plans or as directed by the ENGINEER shall not be included in the quantities for pay purposes.

SECTION 01025 – MEASUREMENT AND PAYMENT

- C. Excavation required for pipes and structures shall not be measured directly for payment but shall be considered incidental to other pay items.
 - 1. No deduction in the measurement for Excavation will be made for the trenching required for pipe and structure installations above the bottom of, or within the subcut limits as shown on the Typical Sections.
- D. The following will not be measured for direct payment; the cost of such WORK will be considered incidental to other WORK under the contract:
 - 1. Overburden and other spoil material from borrow sources.
 - 2. Removal of water by aeration of material to obtain required moisture content.
 - 3. Any volumes of water or other liquid material.
 - 4. Material used for the purpose other than directed.
 - 5. Roadbed material scarified in place and not removed.
 - 6. Material excavated when benching.
 - 7. Slide or slipout material attributable to the carelessness of the CONTRACTOR.
 - 8. The volume of conserved materials stockpiled at the option of the CONTRACTOR.
 - 9. Placement of usable, or otherwise suitable material from excavation, as determined by the ENGINEER, into the new roadway and sidewalk as embankment or selected embankment, or as embankment for any areas outside the roadway subcut within the project limits.
- E. Payment for Excavation and Disposal shall be made at the Unit Price shown on the Bid Schedule under Pay Item No. 02202.1, which payment shall constitute full compensation for all WORK described in Section 02202 - Excavation and Embankment, as shown on the Plans and as directed by the ENGINEER.



2.2 EXISTING CONDUITS PRESERVATION AND PROTECTION (Pay Item No. 02202.2) PRICE BASED ON LUMP SUM

- A. Existing Conduits Preservation and Protection shall be based upon the completion of the entire WORK as a Lump Sum Pay Unit, complete including all earthwork, locating shoring, bridging, trench boxes, coordination with utilities, fittings, and monitoring, required to preserve and protect existing power and communications systems and maintain uninterrupted service throughout the duration of the project.
- B. Payment for Existing Conduits Preservation and Protection shall be made at the amount shown on the Bid Schedule under Pay Item No. 02202.2 which payment shall constitute full compensation for WORK described in Section 02202 - Excavation and Embankment, as shown on the Plans and as directed by the ENGINEER.

2.3 CLASS A SHOT ROCK BORROW (Pay Item No. 02202.3) PRICE BASED ON QUANTITY, CUBIC YARD

- A. Measurement for Class A Shot Rock Borrow will be measured by the number of cubic yards of material in place as determined by the average end area method, and will be determined on a neat line basis. Where impractical to measure by the average end area

SECTION 01025 – MEASUREMENT AND PAYMENT

method, the ENGINEER may approve other acceptable methods involving three-dimensional measurement. Material outside the lines, grades and sections indicated in the Drawings, or as directed by the ENGINEER will be deducted from Subbase quantities for pay purposes.

- B. Payment for Class A Shot Rock Borrow will be made at the Unit Price named in the Bid Schedule under Pay Item No. 02202.3, which payment will constitute full compensation for all WORK described in Section 02202 – Excavation and Embankment, as shown on the Drawings and as directed by the ENGINEER.



2.4 ROCK EXCAVATION (Pay Item No. 02202.4) PRICE BASED ON QUANTITY, HOUR

- A. Measurement for payment for Rock Excavation shall be based on the number of hours required to demolish rock encountered during trenching and excavation for utilities and structures.
- B. Rock Excavation will be as determined by the ENGINEER when material cannot be excavated except by use of specialty rock excavation equipment. The maximum depth shall be 6 inches below the bottom of the pipe or storm drain structure.
- C. Rock Excavation time measurements shall include only the actual demolition activities performed by the hydraulic breaker. Rock excavation measurements shall not include time required for, removal, transport, disposal or placement of demolished rock material.
- D. Rock Excavation time measurements shall not include times required for mobilizing or attaching rock demolition equipment, or time required for maintaining equipment.
- E. There shall be no deduction from excavation, pipe, structure or trenching pay items for the volumes of rock demolished.
- F. Rock Excavation shall include rock demolition activities required in trenches for pipe and structures.
- G. Payment for Rock Excavation shall be made at the amount shown on the Bid Schedule under Pay Item No. 02202.4, which payment shall constitute full compensation for all WORK described in Section 02202 - Excavation and Embankment, as shown on the Plans and as directed by the ENGINEER.

2.5 BASE COURSE (Pay Item No. 02204.1) PRICE BASED ON QUANTITY, CUBIC YARD

- A. Base Course will be measured by the number of cubic yards of material in place as determined by the average end area method, and will be determined on a neat line basis. Where impractical to measure by the average end area method, the ENGINEER may approve other acceptable methods involving three-dimensional measurements. Material outside of the lines, grades and sections indicated in the Drawings, or as directed by the ENGINEER will be deducted from Base Course quantities for pay purposes.
- B. Water needed for compaction and added to the base material on the grade will be considered incidental.
- C. Payment for Base Course will be made at the Unit Price named in the Bid Schedule under Pay Item No. 02204.1, which payment will constitute full compensation for all WORK described in Section 02204 – Base Course, as shown on the Drawings and as directed by the ENGINEER.

2.6 ARCHAEOLOGICAL RESOURCE INADVERTENT DISCOVERY IMPACTS (Pay Item No.

SECTION 01025 – MEASUREMENT AND PAYMENT

02350.1) PRICE BASED ON QUANTITY, CONTINGENT HOUR

- A. Measurement for Archaeological Resource Inadvertent Discovery Impacts will be based on the number of actual working hours during which all critical-path Work activities are suspended due solely to an inadvertent discovery and approved by the ENGINEER.
- B. Measured hours will be based on total project standby duration and will not be additive for multiple crews, laborers, subcontractors, or equipment. Compensation will be limited to a single linear duration of impact regardless of the number of affected resources.
- C. Archaeological Resource Inadvertent Discovery Impacts is a contingent pay item and will only be paid when:
 - 1. The CONTRACTOR is required to stop all critical-path Work due to an inadvertent discovery;
 - 2. No reasonable alternate work areas or activities are available;
 - 3. The CONTRACTOR demonstrates, to the satisfaction of the ENGINEER, that the inadvertent discovery impacts the accepted critical path schedule; and
 - 4. The ENGINEER approves the standby period for payment.
- D. Delays, inefficiencies, reduced productivity, resequencing of activities, relocation of crews or equipment, or partial suspension of Work shall not constitute compensable Archaeological Resource Inadvertent Discovery Impacts.
- E. Archaeological Resource Inadvertent Discovery Impacts will only be measured up to the contingent quantity identified in the Bid Schedule. Delays exceeding the Bid Schedule quantity shall constitute a changed condition to be addressed by negotiated Change Order.
- F. Payment for Archaeological Resource Inadvertent Discovery Impacts will be made at the Contract unit price for Pay Item No. 02350.1. Payment constitutes full compensation for standby impacts covered under Section 02350 - Archaeological Protection and Protocols, including incidental costs associated with suspension and resumption of affected Work activities. Compliance with discovery notification, protection, coordination, and resequencing requirements shall be considered subsidiary obligations and no separate payment will be made therefor.

2.7 []-INCH PVC C900 SANITARY SEWER PIPE (Pay Item Nos. 02401.1, 2401.2) PRICE BASED ON QUANTITY, LINEAR FOOT

- A. Measurement for Payment for []-Inch PVC C900 Sanitary Sewer Pipe shall be per actual linear foot installed, measured in place, along the pipe from end to end, complete in place, all in accordance with the Contract Documents.
- B. Payment for 10-Inch PVC C900 Sanitary Sewer Pipe shall be made at the Unit Price shown on the Bid Schedule under Pay Item No. 02401.1, which payment shall constitute full compensation for all WORK described in Section 02401 –Sanitary Sewer Pipe, as shown on the plans and as directed by the ENGINEER.
- C. Payment for 8-Inch PVC C900 Sanitary Sewer Pipe shall be made at the Unit Price shown on the Bid Schedule under Pay Item No. 02401.2, which payment shall constitute full compensation for all WORK described in Section 02401 – Sanitary Sewer Pipe, as shown on the plans and as directed by the ENGINEER.

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- 2.8 SEWER LATERAL (Pay Item No. 02401.3) PRICE BASED ON QUANTITY, EACH
- A. Sewer Lateral shall be measured per each, complete in place, including all earthwork, pipe, fittings, cleanouts, frames and covers, all in accordance with the Contract Documents.
 - B. Parts, fitting and connectors required to make connections to existing laterals at the limit of the work, regardless of size or material type, shall be considered incidental to Sewer Lateral.
 - C. Concrete collars will not be measured for payment, but will be considered incidental to this Pay Item.
 - D. Payment for Sewer Lateral shall be made at the Unit Price shown on the Bid Schedule under Pay Item No. 02401.3, which payment shall constitute full compensation for all WORK described in Section 02401 – Sanitary Sewer Pipe as shown in the plans and as directed by the ENGINEER.
- 2.9 CONNECT TO EXISTING SANITARY SEWER PIPE (Pay Item No. 02401.4) PRICE BASED ON QUANTITY, EACH
- A. Connect to Existing Sanitary Sewer Pipe shall be measured per each, complete in place, including all earthwork, pipe, fittings, and connections all in accordance with the Contract Documents.
 - B. Parts, fitting and connectors required to make connections to existing pipes at the limit of the work, regardless of size or material type, shall be considered incidental.
 - C. Payment for Connect to Existing Sanitary Sewer Pipe shall be made at the Unit Price shown on the Bid Schedule under Pay Item No. 02401.4, which payment shall constitute full compensation for all WORK described in Section 02401 – Sanitary Sewer Pipe as shown in the plans and as directed by the ENGINEER.
- 2.10 SANITARY SEWER MANHOLE (Pay Item No. 02402.1) PRICE BASED ON QUANTITY, EACH
- A. Sanitary Sewer Manhole, Type I shall be measured per each, complete in place, including all earthwork, grade rings, and frame and cover, all in accordance with the Contract Documents.
 - B. Payment for Sanitary Sewer Manhole shall be made at the Unit Price shown on the Bid Schedule under Pay Item No. 02402.1, which payment shall constitute full compensation for all WORK described in Section 02402 – Sanitary Sewer Manholes and Cleanouts, as shown in the plans and as directed by the ENGINEER.
- 2.11 SANITARY SEWER TEMPORARY SERVICES AND BYPASS (Pay Item No. 02403.1) PRICE BASED ON LUMP SUM
- A. Measurement for Sanitary Sewer Temporary Services and Bypass shall be based upon the completion of the entire WORK as a Lump Sum Pay Unit, complete in place, including all earthwork, piping, fittings, bypass pumping, valves monitoring and alarm systems, and connections, required to maintain uninterrupted sewer service throughout the duration of the project complete, in accordance with the Contract Documents.
 - B. Payment for Sanitary Sewer Temporary Services and Bypass shall be made at the amount shown on the Bid Schedule under Pay Item No. 02403.1, which payment shall constitute full compensation for all WORK described in Section 02403 – Temporary Sewer Services

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and Bypasses, as shown in the plans and as directed by the ENGINEER.

- 2.12 []-INCH CPP PIPE CULVERT (Pay Item Nos. 02501.1, 02501.2) PRICE BASED ON QUANTITY, LINEAR FOOT
- A. Measurement for payment for []-Inch CPP Pipe Culvert shall be per actual linear foot installed, measured in place, along the pipe from end to end, complete in place, all in accordance with the Contract Documents.
 - B. Payment for 12-Inch CPP Pipe Culvert shall be made at the Unit Price shown on the Bid Schedule under Pay Item No. 02501.1, which payment shall constitute full compensation for all WORK described in Section 02501 – Storm Drain Pipe, as shown on the plans and as directed by the ENGINEER.
 - C. Payment for 24-Inch CPP Pipe Culvert shall be made at the Unit Price shown on the Bid Schedule under Pay Item No. 02501.2, which payment shall constitute full compensation for all WORK described in Section 02501 – Storm Drain Pipe, as shown on the plans and as directed by the ENGINEER.
- 2.13 STORM SEWER SERVICE LATERAL, 4-Inch PVC (Pay Item No. 02501.3) PRICE BASED ON QUANTITY, EACH
- A. Storm Sewer Service Lateral, 4-Inch PVC, including all coupling bands, bends and other items necessary for the proper joining of culvert pipe sections, will be measured by the actual length of pipe installed in linear feet.
 - B. WORK will include all culvert pipe, including all saddle tees, coupling bands, bends and other items necessary for the proper joining of the culvert pipe sections.
 - C. Payment for Storm Sewer Service Lateral, 4-Inch PVC will be made at the Unit Price named in the Bid Schedule under Pay Item No. 02501.3, which payment will constitute full compensation for all WORK described in Section 02501 – Storm Drain Pipe, as shown on the plans and as directed by the ENGINEER.
- 2.14 CONNECT TO EXISTING STORM SEWER PIPE (Pay Item No. 02501.4) PRICE BASED ON QUANTITY, EACH
- A. Connect to Existing Storm Sewer Pipe shall be measured per each, complete in place, including all earthwork, pipe, fittings, and connections all in accordance with the Contract Documents.
 - B. Parts, fitting and connectors required to make connections to existing pipes at the limit of the work, regardless of size or material type, shall be considered incidental.
 - C. Payment for Connect to Existing Storm Sewer Pipe shall be made at the Unit Price shown on the Bid Schedule under Pay Item No. 02501.4, which payment shall constitute full compensation for all WORK described in Section 02501 – Storm Drain Pipe as shown in the plans and as directed by the ENGINEER.
- 1.1 STORM DRAIN CATCH BASIN (Pay Item No. 02502.1) PRICE BASED ON QUANTITY, EACH
- A. Storm Drain Catch Basin shall be measured per each, complete in place, including all earthwork, grade rings, frames and covers all in accordance with the Contract Documents.
 - B. Payment for Storm Drain Catch Basin shall be made at the Unit Price shown on the Bid

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Schedule under Pay Item No. 02502.1, which payment shall constitute full compensation for all WORK described in Section 02502 – Storm Sewer Manholes, Inlets and Catch Basins, as shown in the plans and as directed by the ENGINEER.

- 2.15 STORM DRAIN MANHOLE (Pay Item No. 02502.2) PRICE BASED ON QUANTITY, EACH
- A. Storm Drain Manhole shall be measured per each, complete in place, including all earthwork, grade rings, frames and covers all in accordance with the Contract Documents.
 - B. Payment for Storm Drain Manhole shall be made at the Unit Price shown on the Bid Schedule under Pay Item No. 02502.2, which payment shall constitute full compensation for all WORK described in Section 02502 – Storm Drain Manholes, Inlets and Catch Basins, as shown in the plans and as directed by the ENGINEER.
- 2.16 8-INCH HDPE WATER PIPE (Pay Item No. 02601.1) PRICE BASED ON QUANTITY, LINEAR FOOT
- A. Measurement of 8-Inch HDPE Water Pipe will be made along the length of the water pipe from the centers of fittings and valves in linear feet. No deduction in length will be made for valves, fittings, or fused reducers. All fittings, other than valves, required for satisfactory installation of water pipe will be considered incidental to this Pay Item.
 - B. All trench excavation, bedding, backfill, imported backfill, sheeting and bracing, dewatering, cleaning and testing, warning tape, tracer wire, joint restraints, connections, compaction and all other items necessary for a complete installation will not be measured for payment, but will be considered incidental to the WORK.
 - C. Payment for 8-Inch HDPE Water Pipe will be made at the Unit Price named in the Bid Schedule under Pay Item No. 02601.1, which payment will constitute full compensation for all WORK described in Section 02601 - Water Pipe, as shown on the Drawings and as directed by the ENGINEER.
- 2.17 CONNECT TO EXISTING WATER MAIN (Pay Item No. 02601.2) PRICE BASED ON QUANTITY, EACH
- A. Connect to Existing Water Main will be measured per each, complete in place, all in accordance with the Contract Documents.
 - B. The WORK under this Pay Item includes all excavation and backfill, cutting and removing sections of existing water pipe, and all materials including new couplers, bands, fittings, ductile iron sleeves, joint restraints, testing and all other WORK and materials necessary to complete connections of new HDPE to existing water mains of any type.
 - C. Payment for Connect to Existing Water Main will be made at the amount named in the Bid Schedule under Pay Item No. 02601.2, which payment will constitute full compensation for all WORK described in Section 02601 - Water Pipe, as shown on the Drawings and as directed by the ENGINEER.
- 2.18 FURNISH CORROSION PROTECTION ANODE (Pay Item No. 02601.3) PRICE BASED ON QUANTITY, EACH
- A. Measurement for payment for Furnish Corrosion Protection Anode will be based on the actual quantity of each 18-lb zinc anodes furnished in accordance with the requirements of the Contract Documents.
 - B. Payment for Furnish Corrosion Protection Anode will be made at the amount named in the

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Bid Schedule under Pay Item No. 02601.3, which payment will constitute full compensation for all WORK described in Section 02601 – Water Pipe, as shown on the Drawings and as directed by the ENGINEER.

2.19 INSTALL CORROSION PROTECTION ANODE (Pay Item No. 02601.4) PRICE BASED ON QUANTITY, EACH

- A. Measurement for payment for Install Corrosion Protection Anode will be based on the actual quantity of each 18-lb zinc anodes installed in accordance with the requirements of the Contract Documents.
- B. WORK under this pay item includes all labor, equipment, materials, excavation, backfill, and all other WORK necessary to furnish and install galvanic anodes in the locations shown on the plans and as directed by the ENGINEER.
- C. Payment for Install Corrosion Protection Anode will be made at the amount named in the Bid Schedule under Pay Item No. 02601.4, which payment will constitute full compensation for all WORK described in Section 02601 – Water Pipe, as shown on the Drawings and as directed by the ENGINEER.

2.20 FIRE PROTECTION SYSTEMS TEMPORARY SHUTDOWN (Pay Item No. 02601.5) PRICE BASED ON LUMP SUM

- A. Measurement for payment for Fire Protection Systems Temporary Shutdown shall be based on the completion of the entire WORK as a Lump Sum Pay Unit, complete, all in accordance with the Contract Documents.
- B. WORK shall include all personnel, equipment, and materials required to comply with International Fire Code, (IFC), 901.7 including the development of an approved Fire Protection System Impairment Plan, and coordination with the Fire Department and affected building personnel.
- C. Payment for Fire Protection Systems Temporary Shutdown shall be made at the amount shown on the Bid Schedule under Pay Item No. 02601.5, which payment shall constitute full compensation for all WORK described in Section 02601 – Water Pipe, as shown on the Drawings and as directed by the ENGINEER.

2.21 8-INCH WATER VALVE (Pay Item No. 02602.1) PRICE BASED ON QUANTITY, EACH

- A. Measurement for payment for 8-Inch Water Valve will be based on the actual number of valves satisfactorily installed, complete and in place all in accordance with the Contract Documents.
- B. WORK under this pay item includes all labor, equipment, materials, excavation, backfill, and all other WORK necessary to furnish and install gate valves in the locations shown on the plans and as directed by the ENGINEER.
- C. Furnish and installation of the valve box and lid, and the trace wire box and connections will be considered incidental.
- D. Payment for 8-Inch Water Valve will be made at the amount named in the Bid Schedule under Pay Item No. 02602.1, which payment will constitute full compensation for all WORK described in Section 02602 - Valves, as shown on the Drawings and as directed by the ENGINEER.

2.22 WATER SERVICE, 1-INCH OR 2-INCH HDPE (Pay Item No. 02605.1) PRICE BASED ON

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QUANTITY, EACH

- A. Measurement for payment of Water Service, 1-Inch or 2-Inch HDPE will be based on the actual number of water services satisfactorily installed, complete and in place.
 - B. WORK compensated under this Pay Item includes installation of the curb stop, corporation stop, trace wires, trace wire splice connectors, service saddle, all required fittings, warning tape, water service pipe, connecting to existing water service pipe and testing as shown on the Drawings and as directed by the ENGINEER.
 - C. Furnish and installation of the curb box and extension piece will be considered incidental.
 - D. Concrete collars will not be measured for payment, but will be considered incidental to this Pay Item.
 - E. Trench excavation, de-watering, bedding, backfill, flushing, disinfection and pressure testing, shall be considered incidental to this Pay Item.
 - F. Payment for Water Service, 1-Inch or 2-Inch HDPE will be made at the Unit Price named in the Bid Schedule under Pay Item No. 02605.1, which payment will constitute all WORK described in Section 02605 - Water Services, as shown on the Drawings and as directed by the ENGINEER.
- 2.23 FIRE SERVICE, 6-INCH HDPE (Pay Item No. 02605.2) PRICE BASED ON QUANTITY, EACH
- A. Measurement for payment of Fire Service, 6-Inch HDPE will be based on the actual number of services satisfactorily installed, complete in place.
 - B. WORK compensated under this Pay Item includes installation of the gate valve, valve box, trace wires, trace wire box, trace wire splice connectors, service tee, all required fittings, warning tape, water service pipe, and connecting to existing service pipe as shown on the Drawings and as directed by the ENGINEER.
 - C. Trench excavation, de-watering, bedding, backfill, flushing, disinfection and pressure testing, shall be considered incidental to this Pay Item.
 - D. Payment for Fire Service, 6-Inch HDPE will be made at the Unit Price named in the Bid Schedule under Pay Item No. 02601.2, which payment will constitute all WORK described in Section 02605 – Water Services, as shown on the Drawings and as directed by the ENGINEER.
- 2.24 TEMPORARY WATER SYSTEM (Pay Item No. 02606.1) PRICE BASED ON LUMP SUM
- A. Measurement for payment for Temporary Water System shall be based on the completion of the entire WORK as a Lump Sum Pay Unit, complete, all in accordance with the Contract Documents.
 - B. Payment for Temporary Water System shall be made at the amount shown on the Bid Schedule under Pay Item No. 02606.1, which payment shall constitute full compensation for all WORK described in Section 02606 – Temporary Water System, as shown on the Drawings and as directed by the ENGINEER.
- 2.25 PIPE INSULATION (Pay Item No. 02607.1) PRICE BASED ON QUANTITY, BOARDS
- A. Measurement for payment of Pipe Insulation will be the actual number of 2” x 2’ x 8’ boards installed.

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- B. Payment for Pipe Insulation will be made at the Unit Price named in the Bid Schedule under Pay Item No. 2607.1, which payment will constitute full compensation for all WORK described in Section 02607 – Pipe Insulation, as shown on the Drawings and as directed by the ENGINEER.
- 2.26 CONSTRUCTION SURVEYING (Pay Item No. 02702.1) PRICE BASED ON LUMP SUM
- A. Measurement for payment for Construction Surveying shall be based on the completion of the entire WORK as a Lump Sum Pay Unit, complete, all in accordance with the requirements of the Contract Documents.
 - B. Payment for Construction Surveying shall be made at the amount shown on the Bid Schedule under Pay Item No. 02702.1, which payment shall constitute full compensation for all WORK described in Section 02702 - Construction Surveying, as shown on the Plans, and as directed by the ENGINEER.
- 2.27 EXISTING CONDITIONS SURVEY (Pay Item No. 02703.1) PRICE BASED ON LUMP SUM
- A. Measurement for payment for Existing Conditions Survey shall be based on the completion of the entire WORK as a Lump Sum Pay Unit, complete, all in accordance with the requirements of the Contract Documents.
 - B. Payment for Existing Conditions Survey shall be made at the amount shown on the Bid Schedule under Pay Item No. 02703.1, which payment shall constitute full compensation for all WORK described in Section 02703 – Existing Conditions Survey, as shown on the Plans, and as directed by the ENGINEER.
- 2.28 4-FOOT WIDE CHAIN LINK FENCE GATE (Pay Item No. 02707.1) PRICE BASED ON QUANTITY, EACH
- A. Measurement for payment for 4-Foot Chain Link Fence will be measured per unit installed, complete in place and accepted.
 - B. The WORK for this Pay item includes furnishing fence post base plates and mounting hardware, installing new chain link fence fabric, posts, top rails, and all other necessary fence hardware connections to make a complete fence installation.
 - C. Connecting the new chain link fence gate to the guardrail shall be considered incidental to this Pay Item.
 - D. Payment of 4-Foot Wide Chain Link Fence Gate will be made at the Unit Price named in the Bid Schedule under Pay Item No. 02707.1, which payment will constitute full compensation for all WORK described in Section 02707 – Chain Link Fence, as shown on the Drawings and as directed by the ENGINEER.
- 2.29 REMOVE AND DISPOSE OF FENCE (Pay Item No. 02707.2) PRICE BASED ON QUANTITY, LINEAR FOOT

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- A. Measurement for payment of Remove and Dispose of Fence will be measured per linear foot along the top face of the existing fence.
- B. The WORK includes the removal and disposal of existing fence posts, rails, pickets, brackets, mounting hardware, and footings.
- C. Payment for Remove and Dispose of Fence will be made at the Unit Price named in the Bid Schedule under Pay Item No. 02707.2, which payment will constitute full compensation for all WORK described in Section 02707 – Chain Linke Fence, as shown on the Drawings and as directed by the ENGINEER.

2.30 LANDSCAPING (Pay Item No. 02711.1) PRICE BASED ON LUMP SUM

- A. Measurement for payment of Landscaping shall be based on the completion of the entire WORK as a Lump Sum Pay Unit, complete, all in accordance with the requirements of the Contract Documents.
- B. The WORK includes furnishing and installing topsoil and seed in areas disturbed by construction and replacement and replanting of any plants in landscaped areas on adjacent properties.
- C. Landscaping includes all clearing and grubbing WORK required on the project.
- D. Payment for Landscaping will be made at the mount named in the Bid Schedule under Pay Item No. 02711.1, which payment will constitute full compensation for all WORK described in Section 02711 – Landscaping, as shown on the Drawings and as directed by the ENGINEER.

2.31 REMOVE AND DISPOSE OF EXISTING STORM DRAIN PIPE (Pay Item No. 02716.1) PRICE BASE ON QUANTITY, LINEAR FOOT

- A. Measurement for payment of Remove and Dispose of Existing Storm Drain Pipe shall be per linear foot of existing storm drain pipe, from center to center of structures or to ends of pipe if no structure is present, all in accordance with the Contract Documents.
- B. All existing storm drain pipes shall be removed in their entirety and disposed of, as shown in the Drawings and as directed by the ENGINEER. Abandoning culverts in place and filling with slurry is not an acceptable alternative.
- C. This item shall include compaction and backfill to original grade or bottom of subgrade with usable excavation and returning disturbed areas to original or better condition.
- D. Payment for Remove and Dispose of Existing Storm Drain Pipe will be made at the Unit Price named in the Bid Schedule under Pay Item No. 02716.1, which payment will constitute full compensation for all WORK described in Section 02716 – Water, Storm and Sanitary Sewer Pipe Removal, as shown on the Drawings and as directed by the ENGINEER.

2.32 REMOVE AND DISPOSE OF EXISTING WATER MAIN, NON AC PIPE (Pay Item No. 02716.2) PRICE BASED ON QUANTITY, LINEAR FOOT

- A. Measurement for payment of Remove and Dispose of Existing Water Main, Non AC Pipe shall be made along the length of the water pipe from centers of fittings and valve in linear feet. No deduction in length will be made for valves, fittings, or fused reducers.
- B. All existing water main pipes shall be removed in their entirety and disposed of, as shown

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in the Drawings and as directed by the ENGINEER. Abandoning water main pipe in place and filling with slurry is not an acceptable alternative.

- C. Removal of water services from the main line to the property line will be considered incidental to this Pay Item.
- D. This item shall include compaction and backfill to original grade or bottom of subgrade with usable excavation and returning disturbed areas to original or better condition.
- E. Payment for Remove and Dispose of Existing Water Main, Non AC Pipe will be made at the Unit Price named in the Bid Schedule under Pay Item No. 02716.2, which payment will constitute full compensation for all WORK described in Section 02716 – Water, Storm and Sanitary Sewer Pipe Removal, as shown on the Drawings and as directed by the ENGINEER.

2.33 REMOVE AND DISPOSE OF EXISTING WATER MAIN, AC PIPE (Pay Item No. 02716.3) PRICE BASED ON QUANTITY, LINEAR FOOT

- A. Measurement for payment of Remove and Dispose of Existing Water Main, AC Pipe shall be made along the length of the water pipe from centers of fittings and valve in linear feet. No deduction in length will be made for valves, fittings, or fused reducers.
- B. The WORK includes all handling and disposal and permit requirements to comply with local, state and federal regulations for the handling and disposal of AC pipe materials.
- C. All existing water main pipes shall be removed in their entirety and disposed of, as shown in the Drawings and as directed by the ENGINEER. Abandoning water main pipe in place and filling with slurry is not an acceptable alternative.
- D. Removal of water services from the main line to the property line will be considered incidental to this Pay Item.
- E. This item shall include compaction and backfill to original grade or bottom of subgrade with usable excavation and returning disturbed areas to original or better condition.
- F. Payment for Remove and Dispose of Existing Water Main, AC Pipe will be made at the Unit Price named in the Bid Schedule under Pay Item No. 02716.3, which payment will constitute full compensation for all WORK described in Section 02716 – Water, Storm and Sanitary Sewer Pipe Removal, as shown on the Drawings and as directed by the ENGINEER.

2.34 REMOVE AND DISPOSE OF EXISTING SEWER MAIN, NON AC PIPE (Pay Item No. 02716.4) PRICE BASED ON QUANTITY, LINEAR FOOT

- A. Measurement for payment of Remove and Dispose of Existing Sewer Main, Non AC Pipe shall be per linear foot of existing sewer main pipe, from center to center of structures, all in accordance with the Contract Documents.
- B. The quantity of non AC sewer main pipe is unknown. The quantity in the bid schedule is inclusive of all of the sewer main pipe to be removed. The quantity will be adjusted during construction following the verification of the limits of AC pipe, if present.
- C. All existing sewer main pipes shall be removed in their entirety and disposed of, as shown in the Drawings and as directed by the ENGINEER. Abandoning sewer pipe in place and filling with slurry is not an acceptable alternative.

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- D. Removal of sewer services from the main line to the property line will be considered incidental to this Pay Item.
 - E. This item shall include compaction and backfill to original grade or bottom of subgrade with usable excavation and returning disturbed areas to original or better condition.
 - F. Payment for Remove and Dispose of Existing Sewer Main, Non AC Pipe will be made at the Unit Price named in the Bid Schedule under Pay Item No. 02716.4, which payment will constitute full compensation for all WORK described in Section 02716 – Water, Storm and Sanitary Sewer Pipe Removal, as shown on the Drawings and as directed by the ENGINEER.
- 2.35 REMOVE AND DISPOSE OF EXISTING SEWER MAIN, AC PIPE (Pay Item No. 02716.5) PRICE BASED ON QUANTITY, LINEAR FOOT
- A. Measurement for payment of Remove and Dispose of Existing Sewer Main, AC Pipe shall be per linear foot of existing sewer main pipe, from center to center of structures, all in accordance with the Contract Documents.
 - B. The quantity of AC sewer main pipe is unknown. The quantity in the bid schedule is inclusive of all of the sewer main pipe to be removed. The quantity will be adjusted during construction following the verification of the limits of AC pipe, if present.
 - C. Remove and Dispose of Existing Sewer Main shall include all handling and disposal and permit requirements to comply with local, state and federal regulations for the handling and disposal of AC pipe materials.
 - D. All existing sewer main pipes shall be removed in their entirety and disposed of, as shown in the Drawings and as directed by the ENGINEER. Abandoning sewer pipe in place and filling with slurry is not an acceptable alternative.
 - E. Removal of sewer services from the main line to the property line will be considered incidental to this Pay Item.
 - F. This item shall include compaction and backfill to original grade or bottom of subgrade with usable excavation and returning disturbed areas to original or better condition.
 - G. Payment for Remove and Dispose of Existing Sewer Main, AC Pipe will be made at the Unit Price named in the Bid Schedule under Pay Item No. 02716.5, which payment will constitute full compensation for all WORK described in Section 02716 – Water, Storm and Sanitary Sewer Pipe Removal, as shown on the Drawings and as directed by the ENGINEER.
- 2.36 REMOVE AND DISPOSE OF EXISTING SEWER MANHOLE (Pay Item No. 02717.1) PRICE BASED ON QUANTITY, EACH
- A. Measurement for payment of Remove and Dispose of Existing Sewer Manhole will be based on the actual number of sewer manholes satisfactorily removed.
 - B. Sewer manholes are to be removed in their entirety and disposed of, as shown in the Drawings and as directed by the ENGINEER. Abandoning structures in place is not an acceptable alternative.
 - C. This item shall include compaction and backfill to original grade or bottom of subgrade with usable excavation and returning disturbed areas to original or better condition.

SECTION 01025 – MEASUREMENT AND PAYMENT

- D. Payment for Remove and Dispose of Existing Sewer Manhole will be made at the Unit Price named in the Bid Schedule under Pay Item No. 02717.1, which payment will constitute full compensation for all WORK described in Section 02717 – Storm and Sanitary Structure Removal, as shown on the Drawings and as directed by the ENGINEER.
- 2.37 SIGN ASSEMBLY (Pay Item No. 02718.1) PRICE BASED ON LUMP SUM
- A. Measurement for Sign Assembly will be based upon the completion of the entire WORK as a Lump Sum Pay Unit, complete, all in accordance with the requirements of the Contract Documents.
- B. WORK under this Pay Item includes providing new sign assembly panels, post and hardware in accordance with the Contract Documents.
- C. Removal and disposal of existing signs will be considered part of the WORK under this Pay Item.
- D. Payment for Sign Assembly will be made at the Unit Price named in the Bid Schedule under Pay Item No. 02718.1, which payment will constitute full compensation for all WORK described in Section 02718 – Sign Assembly, as shown on the Drawings, and as directed by the ENGINEER.
- 2.38 REMOVAL AND RESETTING OF STRUCTURES AND OBSTRUCTIONS (Pay Item No. 2723.1) PRICE BASE ON LUMP SUM
- A. Measurement for Removal and Resetting of Structures and Obstructions will be based upon the completion of the entire WORK as a Lump Sum Pay Unit, complete, all in accordance with the requirements of the Contract Documents.
- B. WORK under this Pay Item includes removing the existing timber landing, stairs and handrail on Lot 7B and resetting the structure and attaching it to the new concrete retaining wall.
- C. WORK under this Pay Item includes shoring and supporting the timber ramp and roof structure on Lot 17 and resetting the structure on the new concrete sidewalk following the acceptance of the sidewalk by the Owner.
- D. Payment for Removal and Resetting of Structures and Obstructions will be made at the Unit Price named in the Bid Schedule under Pay Item No. 02723.1, which payment will constitute full compensation for all WORK described in Section 02723 – Obstruction Removal and Resetting, as shown on the Drawings, and as directed by the ENGINEER.
- 2.39 REMOVE EXISTING ASPHALT SURFACING (Pay Item No. 02806.1) PRICE BASED ON QUANTITY, SQUARE YARD
- A. Remove Existing Asphalt Surfacing will be measured for payment per top square yard, complete, including the full thickness of all layers of existing asphalt. Including leveling courses and underlying pavement. The total thickness of the asphalt layers is unknown. No measurement will be made for removing surfaces less than 1-inch thick.
- B. Payment for Remove Existing Asphalt Surfacing will be made at the Unit Price named in the Bid Schedule under Pay Item No. 02806.1, which payment will constitute full compensation for all WORK described in Section 02806 – Remove Existing Asphalt Surfacing, as shown on the Drawings and as directed by the ENGINEER.

DIVISION 3– CONCRETE

SECTION 01025 – MEASUREMENT AND PAYMENT

- 3.1 CONCRETE ROADWAY (Pay Item No. 03301.1) PRICE BASED ON QUANTITY, SQUARE YARD
- A. Measurement for payment of Concrete Roadway will be based on the actual square yards, complete in place and accepted.
 - B. Dowels, bars, reinforcement, form work, finishing, thickened edges, and other WORK or materials necessary to install the concrete roadway shall be considered subsidiary to Concrete Roadway.
 - C. Payment for Concrete Roadway will be made at the amount named in the Bid Schedule under Pay Item No. 03301.1, which payment will constitute full compensation for all WORK described in Section 03301 – Structural Concrete, as shown on the Drawings and as directed by the ENGINEER.
- 3.2 CONCRETE RETAINING WALL (Pay Item No. 03301.2) PRICE BASED ON QUANTITY, CUBIC YARD
- A. Measurement for payment of Concrete Retaining Wall will be per neat line quantity of cubic yards of installed concrete retaining wall and integrated curb at the top of the wall.
 - B. Excavation and disposal will not be measured for payment but will be considered incidental to this Pay Item.
 - C. Removing, salvaging, and reinstalling the perforated drain pipe between the existing retaining wall and the house on Lot 7B will not be measured for payment but will be considered incidental to this Pay Item. Contractor to provide fittings and pipe as required to reconnect the drain pipe.
 - D. Usable excavation will not be measured for payment but will be considered incidental to this Pay Item.
 - E. Base Course will be measured for payment under Pay Item No. 02204.1.
 - F. Class A Shot Rock Borrow will be measured for payment under Pay Item No. 02202.3.
 - G. Payment for Concrete Retaining Wall will be made at the amount named in the Bid Schedule Under Pay Item No. 03301.2, which payment will constitute full compensation for all WORK described in Section 03301 – Structural Concrete, as shown on the Drawings and as directed by the ENGINEER.
- 3.3 CONCRETE SIDEWALK, 4-INCH THICK (Pay Item No. 03303.1) PRICE BASED ON QUANTITY, SQUARE YARD
- A. Measurement for payment of Concrete Sidewalk, 4-Inch Thick will be based on the actual square yards, complete in place and accepted.
 - B. Ramps transitioning evenly from 4-inch thick to 6-inch thick will be paid for under this Pay Item. Additional concrete required to make the transition to 6-inches thick will be considered incidental.
 - C. Payment for Concrete Sidewalk, 4-Inch Thick will be made at the amount named in the Bid Schedule under Pay Item No. 03303.1, which payment will constitute full compensation for all WORK described in Section 03303 – Sidewalk, Curb and Gutter, as shown on the Drawings and as directed by the ENGINEER.

SECTION 01025 – MEASUREMENT AND PAYMENT

- 3.4 CONCRETE SIDEWALK AND DRIVEWAY, 6-INCH THICK (Pay Item No. 03303.2) PRICE BASED ON QUANTITY, SQUARE YARD
- A. Measurement for payment of Concrete Sidewalk and Driveway, 6-Inch Thick will be based on the actual square yards, complete in place and accepted.
 - B. Payment for Concrete Sidewalk and Driveway, 6-Inch Thick will be made at the amount named in the Bid Schedule under Pay Item No. 03303.2, which payment will constitute full compensation for all WORK described in Section 03303 – Sidewalk, Curb and Gutter, as shown on the Drawings and as directed by the ENGINEER.
- 3.5 CURB AND GUTTER, ALL TYPES (Pay Item No. 3303.3) PRICE BASED ON QUANTITY, LINEAR FOOT
- A. Measurement for payment for Curb and Gutter, All Types shall be per actual linear foot installed, complete in place, including all rebar where required, as required by the Contract Documents and as shown on the plans. Measurements shall be made along the face of the curb and shall be continuous across ramps.
 - B. Curb installed at the back of the sidewalk, integral to the retaining wall will not be measured for payment under this item.
 - C. Payment for Curb and Gutter, All Types shall be made at the amount shown on the Bid Schedule under Pay Item No. 03303.3, which payment shall constitute full compensation for all WORK described in Section 03303 – Sidewalk, Curb and Gutter, as shown on the plans and as directed by the ENGINEER.
- 3.6 DETECTABLE TILE (Pay Item No. 3303.4) PRICE BASED ON QUANTITY, EACH
- A. Detectable Tile shall be measured per each 2-foot x 4-foot area of cast iron detectable tile installed, complete in place, all in accordance with the Contract Documents.
 - B. Payment for Detectable Tile shall be made at the Unit Price shown on the Bid Schedule under Pay Item No. 3303.4, which payment shall constitute full compensation for all WORK described in Section 03303 – Sidewalk, Curb and Gutter, as shown on the plans and as directed by the ENGINEER.
- 3.7 REMOVE AND DISPOSE OF EXISTING CURB (Pay Item No. 03304.1) PRICE BASED ON QUANTITY, LINEAR FOOT
- A. Remove and Dispose of Existing Curb will be measured along the actual linear foot of concrete curb and gutter or concrete curb originally in place, removed and disposed of in accordance with the Contract Documents.
 - B. Payment for Remove and Dispose of Existing Curb will be made at the Unit Price named in the Bid Schedule under Pay Item No. 03304.1, which payment will constitute full compensation for all WORK described in Section 03304 – Remove Existing Sidewalk, Concrete Slab or Curb and Gutter.
- 3.8 REMOVE AND DISPOSE OF EXISTING CONCRETE ROADWAY & SIDEWALK (Pay Item No. 03304.2) PRICE BASED ON QUANTITY, SQUARE YARD
- A. Remove and Dispose of Existing Concrete Roadway & Sidewalk will be measured by the actual square yard originally in place, removed and disposed of in accordance with the Contract Documents.

SECTION 01025 – MEASUREMENT AND PAYMENT

- B. Payment for Remove and Dispose of Existing Concrete Roadway & Sidewalk will be made at the Unit Price named in the Bid Schedule under Pay Item No. 03304.2, which payment will constitute full compensation for all WORK described in Section 03304 – Remove Existing Sidewalk, Concrete Slab or Curb and Gutter.
- 3.9 REMOVE AND DISPOSE OF CONCRETE RETAINING WALL (Pay Item No. 03304.3) PRICE BASED ON LUMP SUM
- A. Remove and Dispose of Concrete Retaining Wall shall be based on the completion of the entire WORK as a Lump Sum Pay Unit, complete, all in accordance with the requirements of the Contract Documents.
 - B. Excavation below the road prism, that is required to remove the wall, will not be measured for payment but will be considered incidental to this Pay Item.
 - C. Payment for Remove and Dispose of Concrete Retaining Wall will be made at the Unit Price named in the Bid Schedule under Pay Item No. 03304.3, which payment will constitute full compensation for all WORK described in Section 03304 – Remove Existing Sidewalk, Concrete Slab, Curb and Gutter or Wall.

DIVISION 4 – NOT USED

DIVISION 5 - METALS

- 5.1 GUARDRAIL (Pay Item No. 05120.1) PRICE BASED ON QUANTITY, LINEAR FOOT
- A. Measurement of Guardrail will be measured per linear foot along the top of the guardrail, complete in place and accepted.
 - B. The WORK for this Pay Item includes furnishing handrail base plates and mounting hardware, furnishing and installing new handrail, and all other necessary hardware connections to make a complete handrail installation.
 - C. Removal and disposal of existing handrail will not be measured for payment, but will be considered incidental to this Pay Item.
 - D. Payment for guardrail will be made at the Unit Price named in the Bid Schedule under Pay Item No. 025120.1, which payment will constitute full compensation for all WORK described in Section 05120 – Metal Fabrication, as shown on the Drawings and as directed by the ENGINEER.

END OF SECTION