

City of Kodiak
Storm Drainage Repair on Simeonoff PN 21-09/5032

Addendum No. 1
May 24, 2021

The following change(s) and/or clarification(s) are made to the Plan and Specification Documents of Invitation to Bid for the Storm Drainage Repair on Simeonoff PN 21-09/5032 project:

- 1) Instructions to Bidders Page 2 – Replace with the following:
 - a) Page 1 Addendum No. 1
- 2) Bid Form – Replace Pages 2 and 3 with the following:
 - a) Page 2 and 3 Addendum No. 1
- 3) Special Provisions – Add the following:
 - a) Page 4 through 6 Addendum No. 1
- 4) Article 824 BYPASS PUMPING, Article 824.01 Scope
 - a) Add a paragraph:
Bypass pumping will be limited to 14 calendar days.
- 5) Article 824 BYPASS PUMPING, PART 5 – BASIS OF PAYMENT
 - a) Replace Part 5 – Basis of Payment in its entirety with the following Page 7 Addendum No. 1
- 6) Drawings
 - a) Add Page 8 Addendum No. 1
 - a) Add East Addition Park Drainage Plan sheet for Reference Only

There are no changes to the Bid opening Time and Location.

3. Preparation and Submission of Bids

- A. Bids shall be submitted on the forms furnished, or copies thereof, and must be manually signed. Bids shall be submitted in a sealed envelope addressed to:

City Manager
710 Mill Bay Road, Room 114
Kodiak, Alaska 99615

The envelope must be plainly marked with:

Bid Documents:

Storm Drainage Repair on Simeonoff PN 21-09/5032

To be Opened:

2:00 p.m.

~~April 6, 2021~~ June 1, 2021

- B. Bidders must quote a unit price or lump sum price, as requested, on all items, unless specifically allowed to bid on only a portion of the items within the Bid Form. Bidders are warned that failure to quote on all items shall disqualify the Bid. When quotations on all items are not required, Bidders shall insert the words, “No Bid” in the space provided for any item where no quotation is made. If erasures or other changes appear on the forms, the person signing the Bid must initial each such erasure or change.
- C. Bids shall be typed or written in ink for each Bid item called for. The Bid shall be submitted in both words and figures. If there is a discrepancy between the written words and figures, the written words shall govern. In case of error in the extension of prices, the unit price will govern. Bids may be rejected if they show any omissions, alteration of the forms, additions not called for, conditional or alternate Bids not called for, qualified Bids, or irregularities of any kind.
- D. All Addenda shall be acknowledged individually on the Bid Form.
- E. Copies of the Bidders Alaska Contractor’s Certificate and Alaska Business License must accompany the Bid.
- F. Any Bid received after the exact time specified for receipt will not be considered.
- G. Modifications of Bids by fax will not be considered.
- H. The City of Kodiak reserves the right to waive any informality in Bids received when such waiver is in the interest of the City.

4. Bid Bond

- A. Each Bid shall be accompanied by a certified check, cashier’s check or bid Bond, in the amount of ten percent (10%) of the total amount of the Bid. Bid Bonds for the three low Bidders may be held until the Contract is executed. All other bid

**CITY OF KODIAK
 BID FORM**

Project: Storm Drainage Repair on Simeonoff PN 21-09/5032

Date of Invitation: April 30, 2021

Item No.	Description	Unit	Quantity	Unit Bid Price	Bid Amount
204(1)	Classified Material, Type A	Cubic Yard	860	\$	\$
205(1)	Leveling Course	Cubic Yard	60	\$	\$
206(1)	Trench Excavation and Backfill – Storm Drain (various depths)	Linear Foot	210	\$	\$
207(2)	Remove Pavement	Square Foot	6107	\$	\$
207(3)	Remove Sidewalk or Concrete Pad	Square Foot	192	\$	\$
207(4)	Remove Culvert Pipe	Linear Foot	270	\$	\$
207(5)	Remove Sanitary Sewer Pipe	Linear Foot	20	\$	\$
207(6)	Remove Manhole	Each	2	\$	\$
207(9)	Remove Curb and Gutter	Linear Foot	80	\$	\$
302(1)	Curb and Gutter 1	Linear Foot	80	\$	\$
303(1)	PCC Sidewalk	Square Yard	21	\$	\$
402(1)	Asphalt Concrete Pavement, Type IIB	Ton	115	\$	\$
502(1)	Furnish and Install 8" Sewer Main	Linear Foot	20	\$	\$
606(1)	Furnish and Install Water Service Line, 1"	Each	4	\$	\$

**CITY OF KODIAK
 BID FORM**

Project: Storm Drainage Repair on Simeonoff PN 21-09/5032

Date of Invitation: April 30, 2021

Item No.	Description	Unit	Quantity	Unit Bid Price	Bid Amount
610	Reset Valve Box Sections Below Finished Grade	Each	3	\$	\$
702(1)	Furnish and Install 36" CPEP, Type S	Linear Foot	177	\$	\$
702(1)	Furnish and Install 48" CPEP, Type S	Linear Foot	30	\$	\$
704(1.2)	Construct Storm Drain Manhole Type II	Each	2	\$	\$
802(2)	Traffic Maintenance	Lump Sum	1	\$	\$
804(1)	Temporary Erosion and Pollution Control	Contingent Sum	1	\$5,000.00	\$5,000.00
810(1)	Seeding, Schedule A	1,000 SF	2	\$	\$
812(3)	Reset Fence	Linear Foot	30	\$	\$
824(1)	Bypass Pumping	Contingent Sum	1	\$40,000.00	\$40,000.00
Total Amount Bid				\$	
Total Written in Words					

Name of Bidder _____

DIVISION 600 – WATER SYSTEMS

SECTION 606 WATER SERVICE LINES

Article 606.1 Description

Add the following:

Multiple water service lines will need to be removed during replacement of the 36” storm drain line. The Contractor shall provide acceptable temporary water service to affected homes until the new service line is operational.

Contractor is required to provide backflow preventers on any temporary connections coming off the water main.

The Contractor shall submit a plan for providing temporary water service to affected homes. No disruption to water service can begin until the plan is approved by the owner.

Article 606.4 Measurement

Add the following: Providing temporary water service to affected homes is incidental to this item.

DIVISION 700 - STORM DRAIN SYSTEMS

SECTION 704 MANHOLES AND CATCH BASIN

Article 704.2 Material

Add the following after Paragraph 4 of Subarticle C:

The Contractor shall waterproof a manhole as follows:

1. Each precast concrete barrel section, precast concrete eccentric cone section, concrete adjusting ring and manhole cover/frame shall be set and sealed by use of a plastic gasket joint sealer, as manufactured by Henry Company, Inc., Ram-Nek Sealant Division, or an approved equal.
2. All manhole joints shall be sealed with MacWrap external joint sealant, manufactured by MarMac Manufacturing Company, or approved equal. Sealant shall be applied per manufacturer’s published recommendations.
3. All exterior manhole concrete surfaces shall be coated for waterproofing with TUFF-N-DRI® brush grade foundation coating, or approved equal, applied per manufacturer’s recommendations.
4. Manholes shall be installed with no less than three (3) layers of 8-mil polyethylene encasement on the outside of the manhole.

Add the following Subarticle E:

E. Rubber waterstops used in pipe-to-manhole joints, shall be rings of resilient material that will fit snugly over a pipe. The resilient material shall be held firmly against pipe surface by means of a stainless steel mechanical take-up device which, when tightened, will compress the resilient material or, by a stretch, fit. The rubber waterstop shall be designed and installed so that leakage between pipe and manhole is eliminated. Material and manufacture of waterstops shall conform to applicable provision of the ASTM Standard Specifications for Resilient Connectors between Reinforced Concrete Manhole Structure and Pipes, ASTM C923. Waterstops at manhole pipe penetrations shall be sealed with "Z-lok" and "A-lok" manhole pipe connections per the Standard Details, or approved equal.

The boot pipe connector is to be installed so that leakage between the pipe and structure is eliminated. Pipe-to-structure boot connections are to fit snugly over a pipe and be cast integrally with the structure. The boot is to be held firmly against the pipe surface by means of a stainless steel mechanical take-up device which, when tightened, will compress the boot to provide a watertight fit. The mechanical take-up device is to remain accessible from the interior of the manhole. Pipes are to be stabbed into the structure through the boots such that at least two inches (2") but no more than three inches (3") of pipe extend past the inside face of the manhole.

When directed by the Engineer, the Contractor may core in new penetration(s) when in the opinion of the Engineer a pre-cast pipe penetration is not feasible. Boots for cored in pipe connectors are to be secured in place with stainless steel mechanical devices that will seal the rubber boot against the concrete structure.

Article 704.3 Construction

Add the following paragraph to Subarticle A:

Prior to backfilling, the Contractor shall apply TUFF-N-DRI[®] waterproofing to the exterior of the manhole, MacWrap (or equal) at all manhole joints and three (3) layers of 8-mil polyethylene encasement on the outside of the manhole.

Article 704.4 Measurement

Add the following paragraph:

Temporary removal, handling and reconnection of all existing culverts connected to manholes to be replaced, is considered incidental to this item.

DIVISION 800 – MISCELLANEOUS

SECTION 804 TEMPORARY EROSION AND POLLUTION CONTROL

Article 804.1 Description

Add paragraph

Dewatering. Dewatering shall be accomplished per Article 203.5 of the City of Kodiak Standard Construction Specification & Standard Details 2012 Edition. The Contractor is responsible for any necessary dewatering permits.

PART 5 – BASIS OF PAYMENT

Article 824.08 Basis of Payment

Items required by this Specification that are not included on a unit price basis on the Bid Schedule or not included in other items are incidental to Item 824(1) Bypass Pumping, this includes raising bypass manhole to grade, except the following:

Bypass Pumping

Item 824(1), Bypass Pumping will be paid on a contingent sum basis at the unit rate value contained in the following Bypass Pumping Rate Schedule unless otherwise provided.

Engineer does not require a change order/directive for Item 824(1) Bypass Pumping.

BYPASS PUMPING RATE SCHEDULE

<u>BYPASS PUMPING ITEM</u>	<u>PAY UNIT</u>	<u>UNIT RATE</u>
Bypass pump system	Calendar Day	\$1000
Diversion Pipe	Linear Foot	\$75
After hours watch (1800 – 0800)	Hour	\$100

The Bid Schedule will reflect a contingent sum amount to provide adequate bypass pumping for the project.

Payment will be made at the Contract Price, per unit of measurement for each of the Pay Items listed that is included in the Bid Schedule.

DETAIL 700-5:

Add the following notes:

6. Coat all external concrete surfaces of manhole with waterproof bituminous coating.
7. “Ram-nek” or equal and prime barrel joints. Heat “Ram-nek” and seal surfaces before final assembly.
8. Seal manhole joints with “Macwrap” exterior pipe joint sealer or approved equal, after manhole has been waterproofed (typ all).
9. Install Infi-Shield external Uni-Band seal over frame, grade rings, and top of cone.
10. Wrap exterior of manhole with three layers of 8-mil thick polyethylene encasement material after installing “Macwrap” and Infi-Shield.

UTILITY PLAN

Add the following notes:

Storm Drain Manhole 6: Replace 30 linear feet of 48" CMP.

Remove 30 Linear Foot of abandoned culvert connected to storm drain manhole 6.

DETAIL 700-5:

Add the following notes:

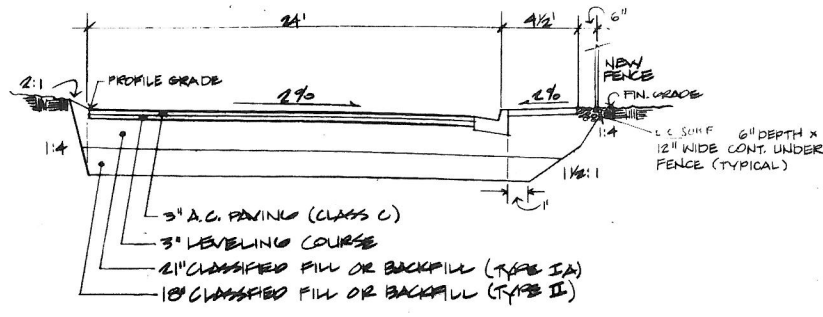
6. Coat all external concrete surfaces of manhole with waterproof bituminous coating.
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UTILITY PLAN

Add the following notes:

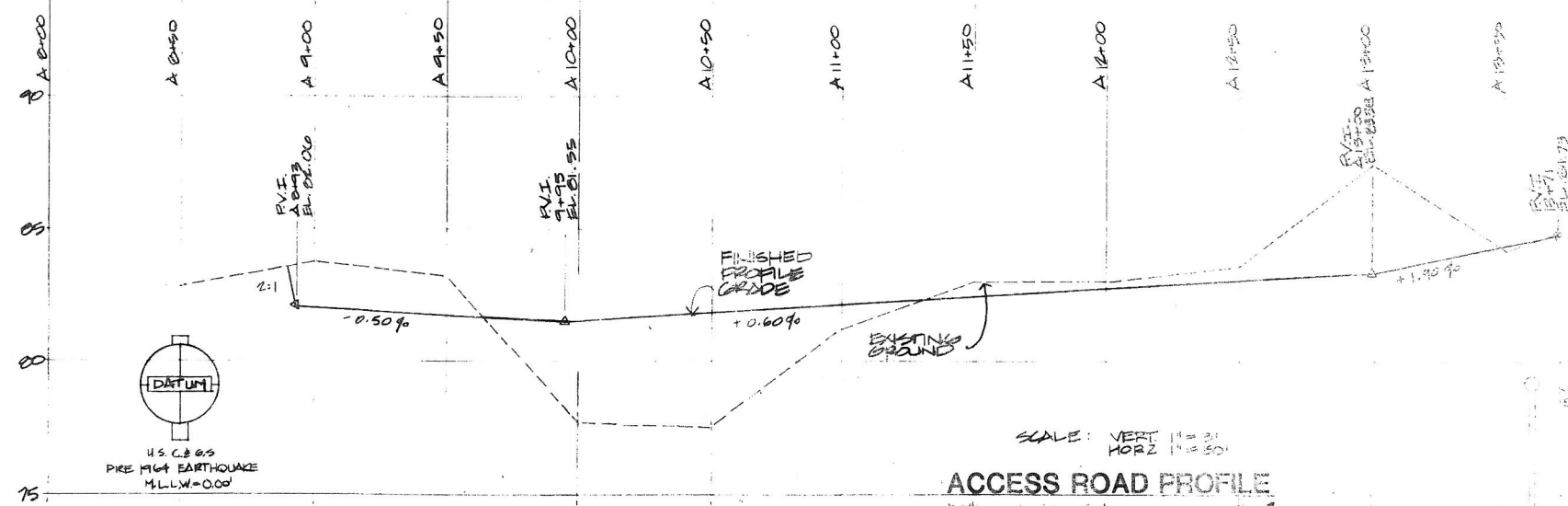
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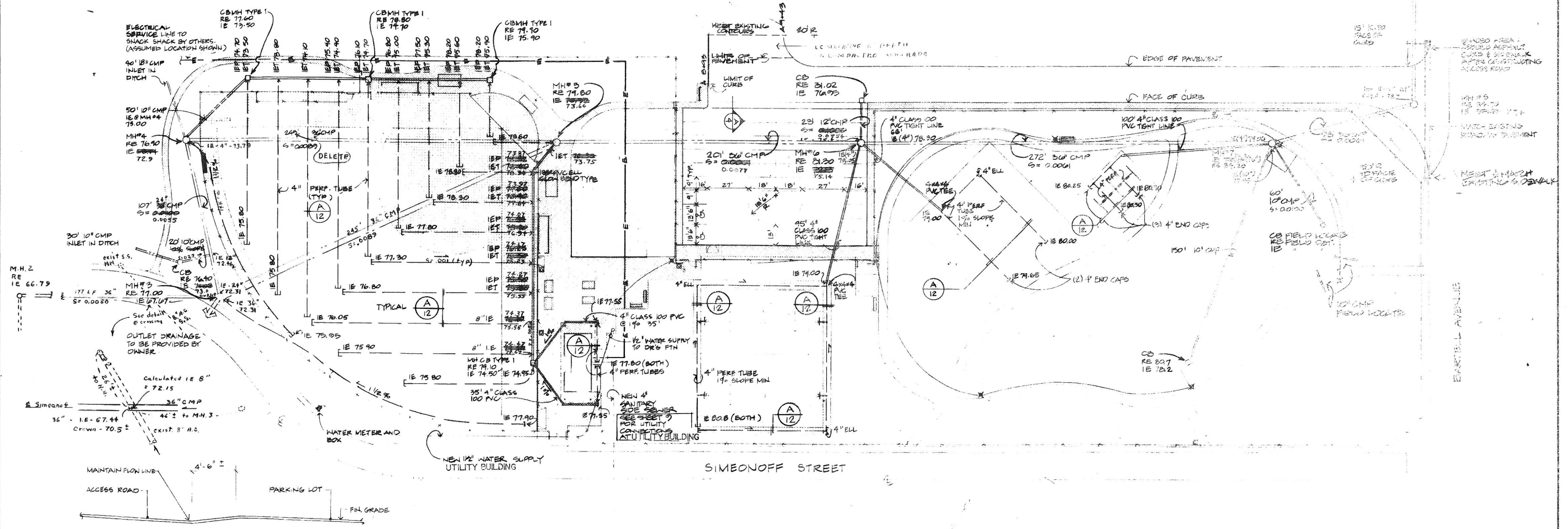


ACCESS ROAD
TYPICAL SECTION

NO SCALE



SCALE: VERT 1" = 10'
HORIZ 1" = 50'
ACCESS ROAD PROFILE



A ASPHALT SWALE STA A8+93 TO A9+99
NOTE:
PARKING LOT PAVEMENT & BASE THICKNESS
TO BE SAME AS FOR ACCESS ROAD

AS BUILT



1 2-24-04 LKH	2 3-27-04 LKH	3 Revised	4 Underground drainage	Job No. 4894.0003.01	Designed: J.L.P.A.	Proj. Eng.: R.L.P.	URS ENGINEERS J.L. PENSIERO ASSOCIATES SEATTLE, WASHINGTON KODIAK, ALASKA	EAST ADDITION PARK KODIAK, ALASKA	UTILITIES, ROADWAY & SPORTSFIELD DRAINAGE	4 12
No.	DATE	BY	REVISION	PLAN SCALE 1" = 30'	Drawn by: G.S.J.P.	Approved by: P.E.Z.				