

ADDENDUM NO. 2

April 22, 2024

SOUTHWEST SIDE WATER MAIN REPLACEMENT PHASE 4
O. F. 1432.5

Bid Time and Date: 9:00 a.m., April 24, 2024
Office of the City Clerk, Room 204, Civic Center, Great Falls, MT

NOTICE TO ALL BIDDERS

The Contract Specifications and Plans are hereby modified as follows, and in submitting his/her bid, each bidder shall acknowledge receipt of all addenda, which will become part of the Contract Documents according to the requirements outlined in the INSTRUCTIONS TO BIDDERS.

Print out and attach this Addendum along with previous Addenda to Contract Book

TO THE CONTRACT DOCUMENTS

1. BID FORM:

Corrections:

116. Type II Bedding 400 700 C.Y. _____

Delete:

122. Sub-Minimum Crossing
including Flowable Fill 1 E.A. _____

Note: This bid item is a duplicate. Already included as bid item #110

Add:

122. Dewatering Trench 1 L.S. _____

Replace Bid Form sheets 3 and 4 with attached Bid Form sheets 3 and 4.

2. SPECIAL PROVISIONS:

Add:

SP -43 DEWATERING

Contractor may utilize the City’s sanitary sewer system for dewatering operations. Contractor shall ensure that sand and sediment is kept out of the system. Contractor may utilize any adjacent sanitary sewer main except for the sanitary sewer mains that flow into the lift station located at 901 13th St. SW. Volume of water allowed to be pumped into sanitary sewer main is to be restricted to half depth of an 8 inch sanitary sewer main.

Note: The City has installed 2 groundwater monitoring wells. The wells are located at 2211

5th Ave SW and 1303 10th Ave SW at a depth of 9.5 ft and 7.6 ft respectively. The wells were installed on April 12, 2024. The wells were checked for groundwater on April 15th and April 19th. No groundwater was detected. Contractors may access and check monitoring wells.

Replace Special Provisions sheet 11 with attached Special Provisions sheet 11.

3. TECHNICAL SPECIFICATIONS - ADDENDA/EDITS TO THE MPWSS:

Replace: SECTION 02510 ASPHALT CONCRETE PAVEMENT, 3.14, B, 3, b “Place and compact 5 inches” with the following, “Place and compact 4 inches”

Add at end of paragraph: SECTION 02670 TEMPORARY WATER SUPPLY/SERVICE, 2.2, A “Backflow preventers on temporary water piping to be certified by 3rd Party or by City personnel. Cost is the responsibility of the Contractor.”

4. MEASUREMENT AND PAYMENT:

Delete:

122. Sub-Minimum Crossing including Flowable Fill

Add:

122. Dewatering Trench: Measurement shall be made at the contract **Lump Sum** price for Dewatering Trench. Payment will be made at the contract unit **Lump Sum** price and shall include the following items: all labor, equipment, tools, materials, and incidental necessary to dewater project site during construction; and all other required incidental work necessary for completion of the item.

Replace Measurement and Payment sheets 5 through 6 with attached Measurement and Payment sheets 5 through 6.

5. APPENDIX B SUPPLEMENTAL STANDARD CONSTRUCTION DRAWINGS

Replace 1432.5 5-31 Drawing with attached updated 1435.5 5-31 Drawing (Revised April 2024)

Note: Pipe Bedding increased to 6” below pipe and 12” above pipe

Add attached 1432.5 5-34 Flowable Fill Trench Plug Drawing

Note: Trench plugs every 100 ft when using open graded aggregate per Technical Specifications Section 02221, 2.1, A

Delete Drawing 5-36 Typical Trench Pavement Replacement

6. CLARIFICATIONS:

- Bid Item and Measurement and Payment Item 124. “Landscape Restoration and Mailbox Protection” to include the need for any temporary mailboxes as incidental to this bid item.

- Contractor to provide property owners with property access through duration of the project.
- Type B plant mix aggregate for Asphalt Concrete Pavement: Use gradation requirement from MPWSS 6th Edition.
- Contractor may haul uncontaminated excavated backfill to Public Works Complex. Material must be approved by City Utilities Division Manager before hauling.
- Where alignment of trench veers completely off pavement along northern end of 13th St. SW and into the grass boulevard; these trench areas will still receive imported backfill and will receive sod in grass areas and applicable road section in driveway areas.
- Tracer wire is required for this project.

ACKNOWLEDGEMENT OF ADDENDUM NO. 2

The bidder shall acknowledge receipt of Addendum No.2 on the Bid Form and include this Addendum with the Bid. Contractor is encouraged to acknowledge the Addendum on the bid envelope also.

Issued By:
City of Great Falls
Engineering Department

Matthew Proud

Matt Proud, P.E.
Project Engineer



END OF ADDENDUM NO. 2

5.01 The Bidder will complete the Work in accordance with the Contract Documents for the following prices(s):

UNIT BID SCHEDULE

<u>ITEM NO.</u>	<u>DESCRIPTION</u>	<u>ESTIMATED QUANTITY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>TOTAL PRICE</u>
101.	Mobilization – 5% Max	1	L.S.	_____	_____
102.	Traffic Control	1	L.S.	_____	_____
103.	6" & 8" Water Main C-900 DR14 PVC Pipe	3,560	L.F.	_____	_____
104.	Connection to Existing 6" & 8" Water Main	7	Ea.	_____	_____
105.	8" Gate Valve with Box	13	Ea.	_____	_____
106.	6" and 8" Cut-In-Gate Valve Installation	3	Ea.	_____	_____
107.	Fire Hydrant New or Replacement (Includes hydrant tee and auxiliary Valve with box) - 7' Bury	7	Ea.	_____	_____
108.	Remove Fire Hydrant	4	Ea.	_____	_____
109.	Ductile Iron Water Main Fittings (C153 Approximate Weight)	620	Lb.	_____	_____
110.	Sub-Minimum Crossing including Flowable Fill	1	E.A.	_____	_____
111.	3/4" or 1" Water Service Connection to Main	71	Ea.	_____	_____
112.	3/4" or 1" Type "K" Copper Service Line Pipe	1,200	L.F.	_____	_____
113.	3/4" or 1" Curb Stop with Box	40	Ea.	_____	_____

UNIT BID SCHEDULE

<u>ITEM NO.</u>	<u>DESCRIPTION</u>	<u>ESTIMATED QUANTITY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>TOTAL PRICE</u>
114.	Water Service / Sanitary Sewer Main Crossing – Above	20	Ea.	_____	_____
115.	Water Service / Sanitary Sewer Main Crossing - Below	10	Ea.	_____	_____
116.	Type II Bedding	700	C.Y.	_____	_____
117.	Imported Backfill Material	3,950	C.Y.	_____	_____
118.	Miscellaneous Utility Crossings	1	L.S	_____	_____
119.	Woven Separation/Stabilization, Geotextile	2,810	S.Y.	_____	_____
120.	Base Course, 1 ½" Minus, 12" Depth	2,810	S.Y.	_____	_____
121.	4" A.C. Pavement Replacement	3,750	S.Y.	_____	_____
122.	Dewatering Trench	1	L.S.	_____	_____
123.	Flowable Fill	20	C.Y.	_____	_____
124.	Sod – 13 th St. SW	3,300	S.F.	_____	_____
125.	Landscape Restoration and Mailbox Protection	1	L.S.	_____	_____
126.	Miscellaneous Water Main Replacement Work	50,000	Unit	<u>\$1.00</u>	<u>\$50,000</u>

TOTAL AMOUNT BID PRICE, ITEMS 101–126 \$ _____
(Figures)

TOTAL AMOUNT BID, ITEMS 101-126 _____

 (Words)

SP-36. CONCRETE WASHOUT:

Provide concrete washout containment on all projects where concrete washout will be generated. Clearly mark the location of the washout area and provide directions to truck drivers. Locate concrete washout containment systems a minimum of 50 feet from proposed or existing storm sewer intakes, open ditches, or waterbodies. Collect all concrete washout from ready mixed trucks, pumper trucks, and cleaning of tools and other equipment. Retain concrete washout within the containment system until the water evaporates or is collected and disposed. Cannot discharge wastewater from washout of concrete related equipment, concrete finishing, saw cutting, wet concrete, hydraulic demolition, etc. into any regulated aquatic resource, areas to immediately have concrete placed, in the street, or onto City property not designated for concrete washout.

SP-37 CONSTRUCTION TRAFFIC CONTROL:

The City shall be responsible for removal and relocating of traffic control signs. Contractors shall call the City Traffic Foreman (Austin Schultz 1-406-781-8991) one (1) business day in advance of traffic control sign removal. Temporary traffic control for construction shall be provided by the contractor and shall be installed prior to contacting the Traffic Foreman. The Contractor shall contact the Traffic Foreman a minimum of three (3) business days in advance of transitioning from temporary traffic control to the permanent traffic control.

SP-42. WINTER SHUTDOWN:

A winter shutdown may be requested due to adverse weather conditions during the winter months. Contract days will be paused during the winter shutdown. The winter shutdown may continue until the winter weather has improved enough to begin construction or until April 1st with Engineer approval. Only one winter shutdown will be granted for the duration of this project.

Prior to winter shutdown; restore all utility services to users, backfill all open excavations, complete site restoration including curb & gutter, sidewalk, and sod; pave all trenches within paved roads; move equipment and materials off public right-a-way; open up all roadways; provide for maintaining traffic; provide for public safety at the work site; and provide for protection of public and private property at the work site. Any costs related to the above will be the responsibility of the Contractor.

Contractor shall not be allowed to perform any work during the winter shutdown unless approved by the Engineer. The City will not be available for inspection and any work completed by the Contractor during such a shutdown will not be accepted by the City. Notify Engineer a minimum of 48 hours before resuming work.

SP-43. DEWATERING:

Contractor may utilize the City's sanitary sewer system for dewatering operations. Contractor shall ensure that sand and sediment is kept out of the system. Contractor may utilize any adjacent sanitary sewer main except for the sanitary sewer mains that flow into the lift station located at 901 13th St. SW. Volume of water allowed to be pumped into sanitary sewer main is to be restricted to half depth of an 8 inch sanitary sewer main.

BID ITEM

DESCRIPTION

120. **Base Course, 1½" Minus, 12" Depth:** Measurement is made by the **Square Yard** in place. Payment will be made at the contract unit price per **Square Yard** which includes excavation and disposal; furnishing, placing and compacting 12-inch compacted thickness of 1½" minus crushed gravel base course. The base course replacement pay width is measured from the lip of curb, or face of curb, to 3 feet past centerline of pipe, for integral curb and gutter it is 8½ feet wide, for straight curb it is 10 feet, for areas without curb it is 6 feet; and all other work necessary to complete the item.
121. **4" A.C. Pavement Replacement:** Measurement is made by the **Square Yard** in place. Payment will be made at the contract unit price per **Square Yard** which includes saw cutting/milling prior to paving; removal and disposal of asphalt; fine grading and compaction of existing subbase and base course outside trench; tack coat; furnishing, placing and compacting 4" of asphaltic concrete in two equal lifts; The maximum A.C. pavement replacement pay width is 9.5 feet measured from the lip of curb or 11 feet from face of straight curb, or 8 feet if no curb; and all other work necessary to complete the item.
122. **Dewatering Trench:** Measurement shall be made at the contract **Lump Sum** price for Dewatering Trench. Payment will be made at the contract unit **Lump Sum** price and shall include the following items: all labor, equipment, tools, materials, and incidental necessary to dewater project site during construction; and all other required incidental work necessary for completion of the item.
123. **Flowable fill:** Measurement is made per **Cubic Yard** installed. Payment will be made at the contract unit price per **Cubic Yard** installed and shall include the following items: Furnishing, placing, and consolidating the flowable fill; excavation; removal and disposal of trench backfill material; third party strength tests; and all other required incidental work to complete the item. The flowable fill replacement width is 6 feet max for the entire depth of the trench.
124. **Sod – 13th St. SW:** Measurement shall be made by the **Square Foot** in-place. Payment will be made at the contract unit price per **Square Foot** which includes topsoil salvage and/or importing, grading to blend existing and new ground profile; furnish new sod; rolling; fertilizing and watering sod for 14 consecutive days after installation; repairing damaged irrigation systems; and all other work necessary for completion of the item.
125. **Landscape Restoration and Mailbox Protection:** Measurement is made by the **Lump Sum**. Payment will be made at the contract **Lump Sum** price which includes all costs for labor, materials, and equipment for the following: excavation and soil preparation; removing and protecting items including mailboxes, landscape rock, mulches, and other ground covers; separation fabrics; and any other item present in the field associated with landscape activities; and all other incidental items necessary to complete the work.

BID ITEM

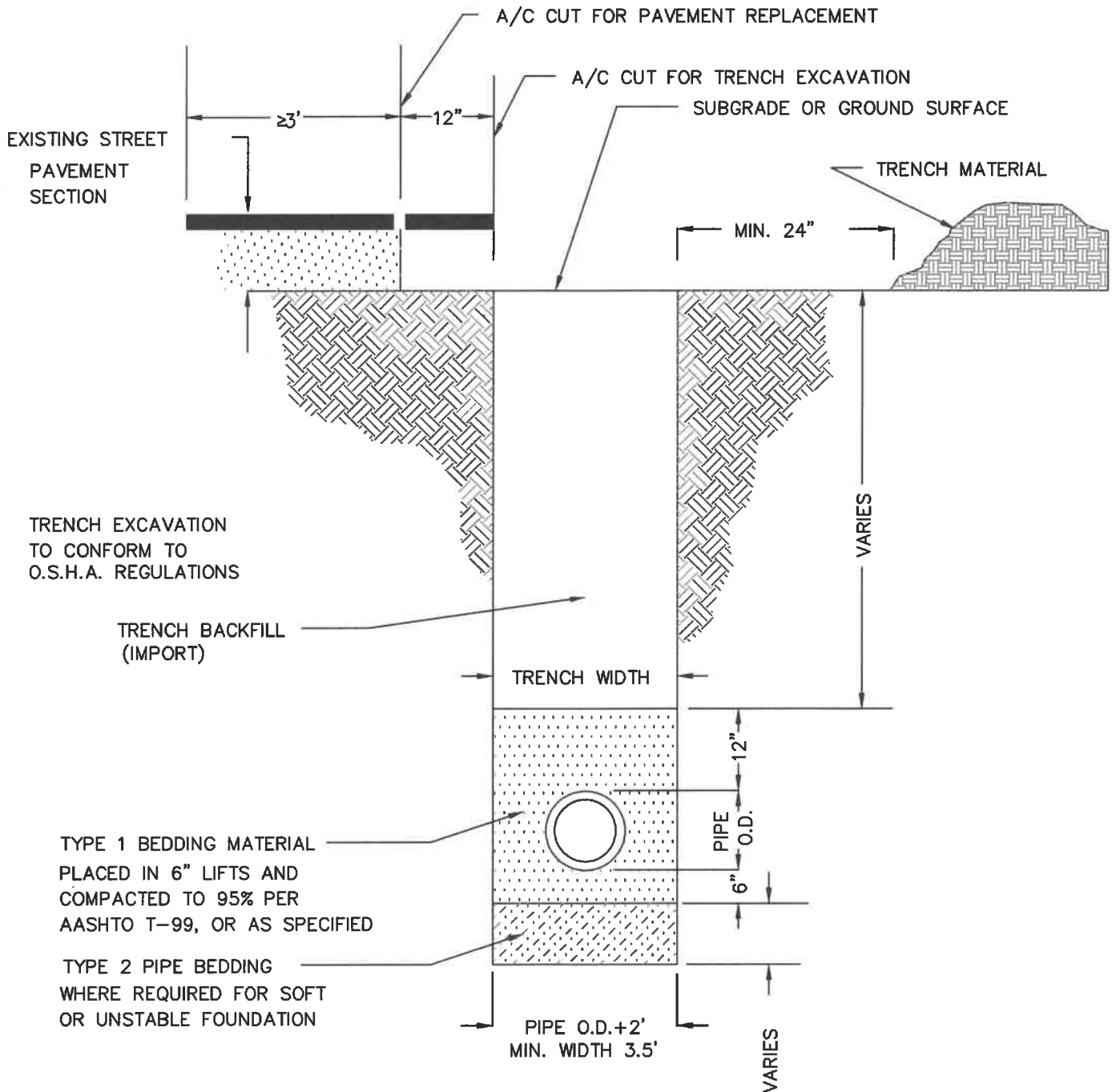
DESCRIPTION

126. **Miscellaneous Water Main Replacement Work:** Measurement shall be made at **\$1.00/Unit** of miscellaneous work. Payment will be made at the contract unit price of **\$1.00/Unit** and includes furnishing of all labor, materials and equipment to complete miscellaneous work not provided by work items in the unit bid proposal. The number of units for a particular work item shall be by an agreed upon price or force account basis as deemed necessary and only as directed by the City.

END OF SECTION

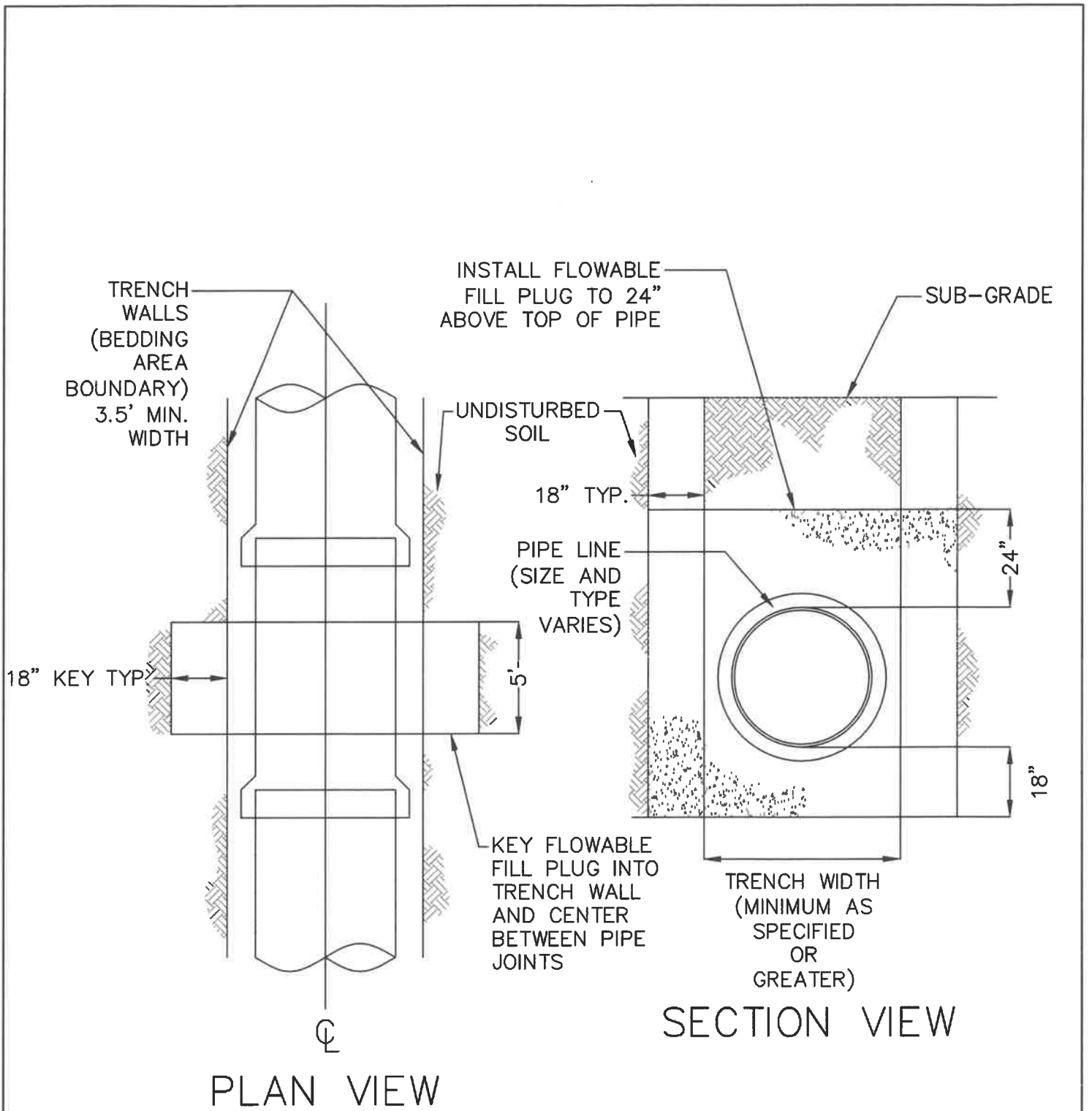
NOTE : WHERE TRENCH PASSES THROUGH EXISTING PAVEMENT THE PAVEMENT SHALL BE CUT ALONG A NEAT VERTICAL LINE 12" FROM THE A/C CUT AT THE EDGE OF THE TRENCH OPENING AFTER RESORATION OF THE TRENCH BACKFILL.

NOTE : FOR 3' OR LESS OF ASPHALT BETWEEN A/C CUT & CURB (OR EDGE OF ASPHALT ROAD), A/C AND GRAVEL BASE SHALL BE REMOVED TO CURB (OR EDGE OF ASPHALT ROAD).



NOTE : IF RCP IS USED FOR THE PIPE, BEDDING IS ONLY NEEDED TO THE SPRINGLINE.

TYPICAL TYPE 2 TRENCH DETAIL



FLOWABLE FILL TRENCH PLUG

