



Purchasing Division

ADDENDUM NO. 1

DATE: December 8, 2023
FROM: City of Grand Junction Purchasing Division
TO: All Offerors
RE: I-70B Waterline Replacements (IFB-5336-24-DD)

Offerors responding to the above referenced solicitation are hereby instructed that the requirements have been clarified, modified, superseded, and supplemented as to this date as hereinafter described.

Please make note of the following clarifications:

- 1. Question:** Do you have a Geotech Report for the Project?
Answer: Boring logs for the I-70B project are being made available with this addendum.
- 2. Question:** Are VMS boards required?
Answer: Two Variable Message Sign boards will be provided by the City for the project. The Contractor shall coordinate with the City's Inspector for delivery and any relocations required.
- 3. Question:** Based on Section 3.3.9 "Time of Completion" in the solicitation, With CDOT's expectation of an expedited start (as detailed below), there are likely to be conflicts between the two Projects. How is the City of Grand Junction bidding contractor to understand and/or mitigate the schedule/production impacts of this competing project at bid time? How will costs incurred from delays caused by this competing project be compensated?
Answer: Assume that CDOT Contractor activities will not prohibit the work. Cooperation with other Contractors is addressed throughout the General Conditions, such as in Sections 28, 42, and 44. Any extensions of Contract time will be in accordance with General Condition 72.
- 4. Question:** Can we move the main waterline over a few feet?
Answer: The intent is to construct the proposed waterline next to the existing waterline. Separation between the two can vary somewhat from the plans as long as it is not in conflict with existing or proposed improvements. The Contractor is responsible for verifying that any deviations do not conflict with existing or proposed improvements.
- 5. Question:** Instead of saw cutting 5846 LF, can we use a 4' mill and leave the millings in place?
Answer: The Contractor may omit the saw cutting at no cost to the City. The Contractor shall continuously maintain a smooth, all-weather surface that is suitable for traffic at the milled trench. To minimize impacts to traffic, do not mill both waterlines in Pitkin and Ute Avenues at the same time unless both waterlines can be replaced at once.

6. **Question:** What is the thickness of the Aggregate Base Course (Class 6) for the Typical Trench Detail on sheet 16 of 38?
Answer: The thickness of the Aggregate Base Course (Class 6) shall be six inches.
7. **Question:** What is the minimum bury depth for the proposed waterline?
Answer: 48 inches minimum, relative to the proposed finish grade.
8. **Question:** The bid schedule provides a quantity of 90 days of Traffic Control (Complete in Place), and the scheduled time of completion is 130 days. How is traffic control going to be addressed in the remaining 40 days?
Answer: The quantity of Traffic Control (Complete in Place) has been increased to 130 days.
9. **Question:** How is the cost of maintaining water service during construction with interim piping configurations accounted for in the bid schedule?
Answer: This cost is incidental to the work.
10. **Question:** The plans note the pipe is “restrained C900 PVC”. Is this meaning actual restrained PVC pipe like Certa-Lok, or is standard C900 PVC pipe wanted?
Answer: A product such as Certa-Lok is not required. The Contractor shall provide restraint harnesses at each pipe bell to accommodate subsequent utility work by the CDOT Project. Provide PVC pipe as specified in City of Grand Junction Standard Specifications for the Construction of Underground Utilities.
11. **Question:** City approves Pure-Core for water services. Can bid items #15 and #16 and 2” from question above be changed to Pure-Core?
Answer: Provide copper tubing as specified.

Amended Bid Schedule Changes Include:

- Bid Item #1 increased to 7,182 LF, clarified as 6 Inch.
- Bid Item #3 increased to 3,326 LF.
- Bid Item #4 increased to 2,789 SY.
- Bid Item #10 corrected Units to TON.
- Bid Item #11 increased to 978 Tons, clarified to include temporary curb, gutter, and sidewalk as directed.
- Bid Item #17 corrected material to Plastic, clarified as ASTM D-2241 PVC.
- Bid Item #18 clarified as C-900 PVC.
- Bid Items #23 and 24 clarified by including comment “Provide Restraint Harness for all PVC Pipe Joints”.
- Bid Item #28 increased to 130 Days.
- Bid Item FA-1 clarified “As Directed”.
- Bid Item FA-3 clarified “As Directed” and as Type B Granular Stabilization Material.
- Added Bid Items 29-45, and FA-4.
- CDOT/City Ref. column updated for bid items #12-25.

Special Condition 3.3.12 Permits is amended as follows:

The following permits are required for the Project and will be obtained by the City at no cost to the Contractor:

- CDOT Special Use/Utility Permit: Permit needed for construction within I-70B (US Highway owned by CDOT)

NOTE: The City cannot apply for the CDOT Special Use/Utility Permit without the Traffic Control Plan and the Contractor's insurance certificate naming CDOT as an additional insured. The Contractor shall begin preparing these submittals immediately upon notice of award.

The following permits are required for the Project and shall be obtained and paid for by the Contractor with the costs included in the total bid price for the Project:

- Colorado Department of Public Health and Environment Dewatering Permit: (If necessary due to the presence of groundwater) For more information, contact the Colorado Dept. of Public Health and Environment: www.cdphe.state.co.us/wq/PermitsUnit/wqcdpmt.html Approximately 7 –10 days is required for processing the permit application. The Contractor should begin preparing the permit application immediately upon notice of award.

Special Condition 3.3.14 Traffic Control is amended as follows:

- The Contractor shall provide and maintain traffic control in accordance with an approved Traffic Control Plan and the Manual on Uniform Traffic Control Devices. A Traffic Control Plan shall be prepared by the Contractor and reviewed by the City at least 10 days prior to the start of work such that adequate notices can be provided to the traveling public.
- Lane closures on I-70B will be allowed but must maintain at least one lane of travel in each direction throughout the duration of the Project.
- A full closure on 2nd Street will be allowed on the condition that business access be provided in compliance with Contract Condition 26- Maintenance of Access and Services.

Special Conditions for Traffic Control

- 1. All trenches shall be backfilled or protected at the end of each working day and access restored to all driveways and access points. If trenches are left open at night, the trenches will be limited to 30-feet in length. The entire perimeter of the excavation shall be barricaded with construction equipment and/or ~~temporary construction fence-jersey barriers~~.
- 2. The Contractor shall adhere to all traffic control requirements when working within City Right-of-Way (ROW) and CDOT ROW.

The original solicitation for the project noted above is amended as noted. All other conditions of the subject remain the same.

Respectfully,



Dolly Daniels, Senior Buyer
City of Grand Junction, Colorado

**Amended Bid Schedule: I-70B Waterline Replacement (1st to 3rd)
Revised per Addendum No. 1**

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
1	202-00000	Sawing Asphalt Material (6 Inch)	7,182.	LF	\$ _____	\$ _____
2	202-00032	Removal of Valve	18.	EA	\$ _____	\$ _____
3	202-00035	Removal of Pipe	3,326.	LF	\$ _____	\$ _____
4	202-00220	Removal of Asphalt Mat	2,789.	SY	\$ _____	\$ _____
5	206-00065	Structure Backfill (Flow-Fill)	812.	CY	\$ _____	\$ _____
6	206-00510	Filter Material (Class A)	650.	CY	\$ _____	\$ _____
7	210-00035	Reset Water Meter	3.	EA	\$ _____	\$ _____
8	210-00050	Reset Fire Hydrant	8.	EA	\$ _____	\$ _____
9	210-04060	Adjust Water Meter	35.	EA	\$ _____	\$ _____
10	304-06000	Aggregate Base Course (Class 6)	1,480.	TON	\$ _____	\$ _____
11	403-00720	HMA (Patching)(Includes temporary Curb, Gutter, and Sidewalk as directed)	978.	TON	\$ _____	\$ _____
12	619-00002 108.4	Water Service	1.	EA	\$ _____	\$ _____
13	619-00006 108.3	Connect to New Waterline	2.	EA	\$ _____	\$ _____
14	619-00007 108.3	Connect to Existing Waterline	5.	EA	\$ _____	\$ _____
15	619-40060 108.4	3/4 Inch Copper Pipe	540.	LF	\$ _____	\$ _____
16	619-40120 108.4	1.5 Inch Copper Pipe	64.	LF	\$ _____	\$ _____
17	619-50240 108.4	3 Inch Plastic Pipe (ASTM D-2241 PVC)	32.	LF	\$ _____	\$ _____
18	619-50320 108.2	4 Inch Plastic Pipe (C-900 PVC, DR18)	32.	LF	\$ _____	\$ _____
19	619-50480 108.2	6 Inch Plastic Pipe (C-900 PVC, DR18)	376.	LF	\$ _____	\$ _____
20	619-50640 108.2	8 Inch Plastic Pipe (C-900 PVC, DR18)	2,547.	LF	\$ _____	\$ _____
21	619-75048 108.3	6 Inch Gate Valve	9.	EA	\$ _____	\$ _____
22	619-75064 108.3	8 Inch Gate Valve	10.	EA	\$ _____	\$ _____
23	619-77206 102.8c	6-Inch Restrained Coupling Adapter (Provide Restraint Harness for all PVC Pipe Joints)	77.	EA	\$ _____	\$ _____
24	619-77208 102.8c	8-Inch Restrained Coupling Adapter (Provide Restraint Harness for all PVC Pipe Joints)	201.	EA	\$ _____	\$ _____
25	619-77300 108.4	Corporation Stop	39.	EA	\$ _____	\$ _____

**Amended Bid Schedule: I-70B Waterline Replacement (1st to 3rd)
Revised per Addendum No. 1**

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
26	625-00000	Construction Surveying (Includes As-Built Drawings)	1.	LS	\$ _____	\$ _____
27	626-00000	Mobilization	1.	LS	\$ _____	\$ _____
28	630	Traffic Control (Complete in Place)	130.	DAY	\$ _____	\$ _____
29	108.3	6" 11.25° Elbow (Epoxy Coated)(Includes concrete thrustblock per City Std. Details W-07 and W-08)	2.	EA	\$ _____	\$ _____
30	108.3	6" 22.5° Elbow (Epoxy Coated)(Includes concrete thrustblock per City Std. Details W-07 and W-08)	1.	EA	\$ _____	\$ _____
31	108.3	6" 45° Elbow (Epoxy Coated)(Includes concrete thrustblock per City Std. Details W-07 and W-08)	9.	EA	\$ _____	\$ _____
32	108.3	8" 45° Elbow (Epoxy Coated)(Includes concrete thrustblock per City Std. Details W-07 and W-08)	13.	EA	\$ _____	\$ _____
33	108.3	8"x6" Reducer (Epoxy Coated)	2.	EA	\$ _____	\$ _____
34	108.3	8"x6" Swivel Tee (Epoxy Coated)(Includes concrete thrustblock per City Std. Details W- 07 and W-08)	7.	EA	\$ _____	\$ _____
35	108.3	8"x8" Tee (Epoxy Coated)(Includes concrete thrustblock per City Std. Details W-07 and W- 08)	5.	EA	\$ _____	\$ _____
36	108.4	6"x1.5" Tapping Saddle	2.	EA	\$ _____	\$ _____
37	108.4	8"x1.5" Tapping Saddle	1.	EA	\$ _____	\$ _____
38	108.4	8"x3/4" Tapping Saddle	32.	EA	\$ _____	\$ _____
39	102.8d	8"x4" Tapping Sleeve	2.	EA	\$ _____	\$ _____
40	202	Removal of Concrete (Curb, Gutter, and Sidewalk)	744.	SY	\$ _____	\$ _____
41	203	Unclassified Excavation (Includes haul and disposal of excavated material)	1,461.	CY	\$ _____	\$ _____
42	208	Erosion and Sediment Control	Lump Sum		---	\$ _____
43	210	Reset Valve	2.	EA	\$ _____	\$ _____
44	620	Portable Sanitary Facility	1.	EA	\$ _____	\$ _____
45	630	Traffic Control Plan	Lump Sum		---	\$ _____
FA-1	203-01597	Potholing (As Directed)	20.	HR	\$ _____	\$ _____
FA-2	250-00224	Hazardous Waste Disposal (Radioactive)	1,461.	CY	\$ _____	\$ _____
FA-3	103.8 / 108.7	Unstable Trench Bottom (Includes Muck Excavation and Type B Granular Stabilization Material)(As Directed)	650.	TON	\$ _____	\$ _____

**Amended Bid Schedule: I-70B Waterline Replacement (1st to 3rd)
Revised per Addendum No. 1**

Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Total Price
FA-4	-	Temporary Patching (Cold Patch)(As Directed)	80.	TON	\$ _____	\$ _____
MCR	--	Minor Contract Revisions	---		---	\$ <u>100,000.00</u>

TOTAL BID AMOUNT \$ _____

_____ **dollars**

COLORADO DEPARTMENT OF TRANSPORTATION
 FIELD DRILLING LOG

Date Drilled 11/1/2018

Location Grand Junction

Start and End Mileposts _____

Lane Drilled (EB, WB, NB, SB) _____

MM/Lane	Test No.	Depths	Material Description	Visual Moisture	R-Value Est.	Sample Taken
1st Street	1	0 - 7"	Asphalt			
SBDL		7 - 10"	Class 6 Base			
150' N. of White Ave		10 - 30"	Class 3 Sub Base	Damp		
1st Street	2	0 - 8"	Asphalt			
SBDL	NBDL	8 - 10"	Class 6 Base			
300' N of Rood Avenue		10 - 26"	Class 3 Sub Base	Damp		
1st Street	3	0 - 6"	Asphalt			
SBDL		6 - 9"	Class 6 Base			
300' S of Main Street		9 - 25"	Class 3 Sub Base	Damp		
1st Street	4	0 - 7"	Asphalt			
NBDL		7 - 10"	Class 6 Base			
300' S of Main Street		10 - 35"	Class 3 Sub Base	Damp		

FIELD DRILLING LOG

MM/Lane	Test No.	Depths	Material Description	Visual Moisture	R-Value Est.	Sample Taken
Pitkin Avenue	5	0 - 7"	Asphalt			
EBDL		7 - 13"	Class 6 Base			
200' East of 3rd Street		13 - 28"	Class 3 Sub Base	Damp		
Pitkin Avenue	6	0 - 5"	Asphalt			
EBDL		5 - 10"	Class 6 Base			
300' East of 5th Street		10 - 30"	Class 3 Sub Base	Dry		
Ute Avenue	7	0 - 3"	Asphalt			
WBDL		3 - 8"	Class 6 Base			
300' West of 6th Street		8 - 26"	Class 3 Sub Base	Damp		
Ute Avenue	8	0 - 6"	Asphalt			
WBDL		6 - 10"	Class 6 Base			
100' West of 3rd Street		10 - 26"	Class 3 Sub Base	Damp		

COLORADO DEPARTMENT OF TRANSPORTATION
 FIELD DRILLING LOG

Date Drilled 4/4/2022

Highway Number I70

Start and End Mileposts Cross Streets

Lane Drilled (EB,WB,NB,SB) NB

Location	Test No.	Depths	Material Description	Visual Moisture	R-Value Est.	Sample Taken
6th and Pitkin	B-5	6"	HMA	-		Y
NB Lane, NE Corner of 6th Ave		13"	Class 1 ABC	Moist		N
		13"+	Native (Clay)	Moist	5	Y
			to 48" depth			
			About Plastic Limit			
8th and Pitkin	B-15	5"	HMA			Y
NB Lane, NE Corner of 8th Ave		16"	Class 1 ABC	Moist		N
		16"+	Native (Clay)	Moist	5	N
			to 48" depth			
			About Plastic Limit			
			Similar to B-5 Native			
11th and Pitkin	B-16	4"	HMA			Y
NB Lane, NE Corner of 11th Ave		9"	Class 3 ABC	Moist		N
		9"+	Native (Clay)	Moist	5	N
			to 48" depth			
			About Plastic Limit			
			Similar to B-5 Native			
10th and Ute	B-14	6"	HMA			Y
NB Lane, NE Corner of 10th Ave		9"	Class 1 ABC	Wet		N
		9"+	Native (Clay)	Wet	5	N
			to 48" depth			
			About Plastic Limit			
			Similar to B-5 Native			

FIELD DRILLING LOG

Location	Test No.	Depths	Material Description	Visual Moisture	R-Value Est.	Sample Taken
Pitkin	B-6	5"	HMA			Y
Between 6th Ave and 7th Ave, Crown Core						
Pitkin	B-7	5"	HMA			N
Between 6th Ave and 7th Ave, southern most lane		16"	Class 3 ABC	Moist		N
		16"+	Native Coarse (Clay)	Moist	8	N
			to 48" Depth			
			About Plastic Limit			
			Similar to B-5 Native			
Pitkin	B-10	5"	HMA			N
Between 9th Ave and 10th Ave, Crown Core		10"	Class 3 ABC	Moist		N
		10"+	Native (Slity Clay)	Moist		
			to 48" Depth			
			About Plastic Limit			
			Similar to B-5 Native			
Pitkin	B-11	4"	HMA			N
Between 9th Ave and 10th Ave, southern most lane		10"	Class 3 ABC	Moist		N
		10"+	Native (Silty Clay)	Moist	5	N
			to 48" Depth			
			About Plastic Limit			
			Similar to B-5 Native			

COLORADO DEPARTMENT OF TRANSPORTATION

Date Drilled 4/4/2022

FIELD DRILLING LOG

Highway Number 170

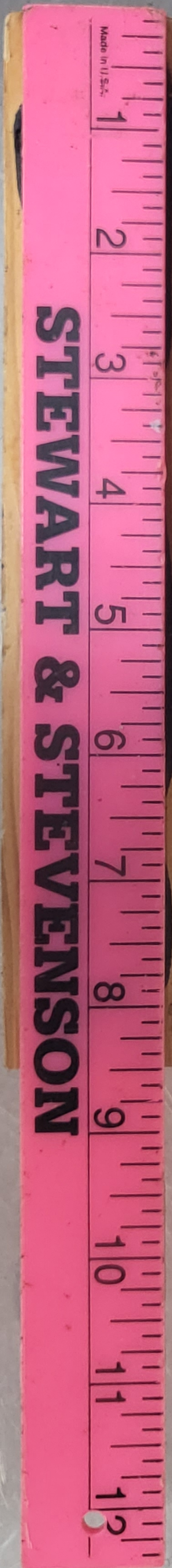
Start and End Mileposts Ute

Lane Drilled (EB,WB,NB,SB) WB

MM/Lane	Test No.	Depths	Material Description	Visual Moisture	R-Value Est.	Sample Taken
Ute	B-13	4"	HMA			N
Between 11 Ave and 12th Ave, southern most lane		16"	Class 3 ABC	moist		N
		16"+	to 48" depth, Native (Clay)	Moist	5	N
			About Plastic Limit			
			Similar to B-5 Native			
Ute	B-8	4"	HMA			N
Between 8th Ave and 9th Ave, crown		16"	Class 3 ABC	moist		N
		16"+	Native (Clay) to 48" depth,	moist	5	N
			About Plastic Limit			
			Similar to B-5 Native			
Ute	B-9	4"	HMA			N
Between 8th Ave and 9th Ave, southern most lane		16"	Class 3 ABC	dry		N
		16"+	Native (Clay)	moist	5	N
			to 48" depth			
			About Plastic Limit			
		Similar to B-5 Native				
Ute	B-3	4"	HMA			N
Between 5th Ave and 6th Ave, crown		19"	Class 1 ABC	dry		N
		27"	Class 3 ABC	moist		N
		27"+	Native (Clay)	moist	5	N
			to 48" depth			
		About Plastic Limit				

FIELD DRILLING LOG

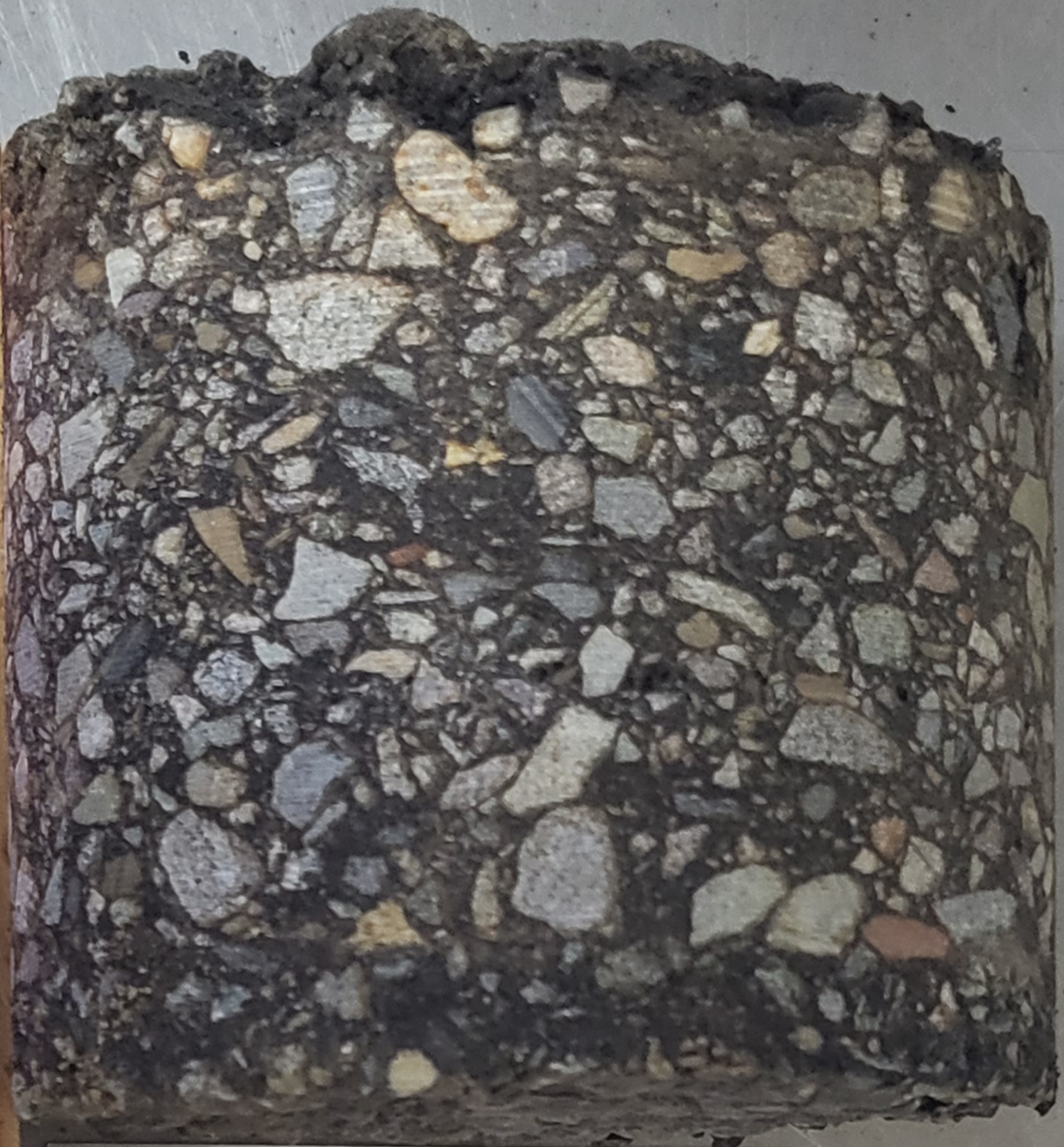
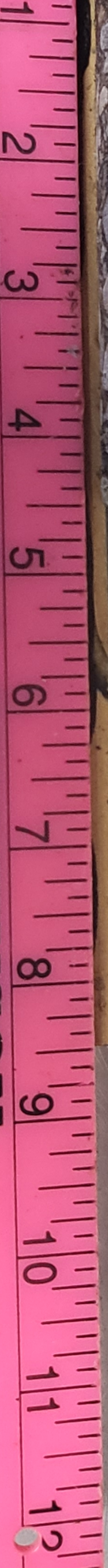
MM/Lane	Test No.	Depths	Material Description	Visual Moisture	R-Value Est.	Sample Taken
Ute	B-4	4"	HMA			N
Between 5th Ave and 6th Ave, southern most lane		21"	Class 1 ABC	dry		N
		27"	Class 3 ABC	moist		N
		27"+	Native (Clay) to 48" depth	wet	5	N
			About Plastic Limit			
			Similar to B-5 Native			
Ute	B-1	4.5"	HMA			N
Between 4th Ave and 5th Ave, southern most lane		18"	Class 1 ABC	moist		N
		22"+	Native (Clay)	wet	5	Y
			to 48" depth			
			About Plastic Limit			
			Sandy Clay 2nd R-value sample pulled.			
5th	B-2		No drilling was done due to utility proximity			
5th and Ute intersection. 5th, NB, NE corner						
Ute	B-12		No drilling was done due to utility proximity			
Between 11 Ave and 12th Ave, crown						



6th & Pitkin
B-5

STEWART & STEVENSON

Made in U.S.A.



8th & Pitkin
B-15

STEWART & STEVENSON

Made in U.S.A.

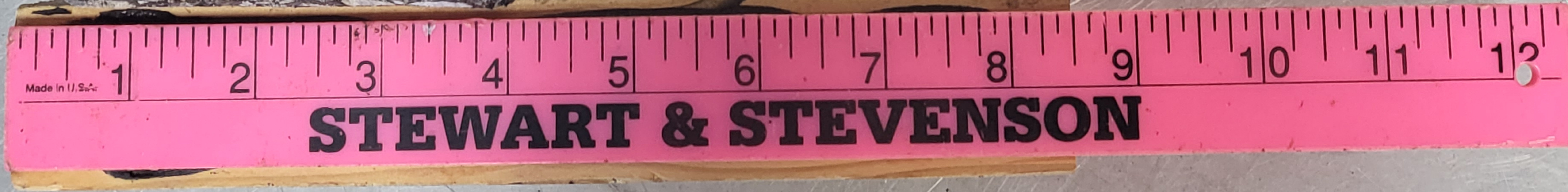
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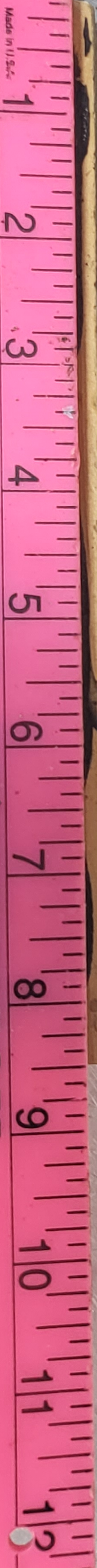
10th & Ute
B14



11th ξ Pitkin
B-16



STEWART & STEVENSON



Fitkin Crown
Between 6th & 7th
B-6