

**CASTLE PINES METROPOLITAN DISTRICT  
BOARD OF DIRECTORS SPECIAL MEETING AGENDA**

Friday, August 12, 2022

9:30 a.m.

Location: District's Board Room - 5880 Country Club Dr., Castle Rock, Colorado

**The meeting will be conducted through a Zoom Meeting for all participants.**

**CALL TO ORDER**

	<u>Tab</u>	<u>Estimate</u>
1A Call to Order / Roll Call		9:30
1B Announcement of a Quorum		9:30
1C Confirmation of Conflict Disclosures Filing		9:30
1D Approval of Agenda		9:30

**ACTION ITEM**

2A Consider Approval of the Purchase of Water Pipeline Infrastructure Materials for the Crestone Way Water Main Replacement and Road Widening Project. Mr. Shackelford	1	9:35
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**ADJOURN**

3A Adjournment		10:15
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**MEMORANDUM**

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**TO: CPMD Board of Directors**

**FROM: Joshua Shackelford, PE, District Manager**

**DATE: August 11, 2022**

**SUBJECT: Crestone Way Water Main Replacement and Road Widening Project  
Pre-Purchase of Long-Lead Time Items for Water Pipeline Infrastructure Materials**

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**Background**

The Castle Pines Metropolitan District (CPMD) hired BT Construction (BTC) as a Construction Manager at Risk (CMAR) for the Crestone Way Water Main Replacement and Road Widening Project. BTC's role as the CMAR is to help finalize the design, conduct constructability reviews, complete construction cost estimates, and complete construction for the project.

**Water Pipeline Infrastructure**

BTC has determined that the critical path for this project is the purchase the water pipeline infrastructure materials. The materials that will be used to construct the water pipeline currently have a lead time of 6 to 8 weeks. Pre-purchasing the water pipeline infrastructure materials will allow the project to progress as scheduled. We are recommending pre-purchasing these water pipeline infrastructure materials in the amount of \$289,242.70.

The estimate from BTC for the pre-purchase of water pipeline infrastructure materials has been attached to this memorandum. Please note the following:

- This purchase is not for all materials that will be used on this project. This purchase is only for the long-lead time items. We expect that the purchase of additional materials will be required at a future date.
- The attached cost estimate only includes the cost of materials. It does not include the cost of installation, labor, equipment, etc.

**Schedule**

BTC has stated that pre-purchasing these materials will allow them to complete the construction of the Crestone Way Water Main Replacement and Road Widening project in the fall of 2022. Based on our discussions with BTC, we currently expect construction of this project to begin at the end of September 2022, with construction being completed by Thanksgiving 2022.

The 60% design for this project will be submitted to CPMD on August 12, 2022. CPMD staff anticipates having a stamped final design for this project around Labor Day 2022.

**Recommendation**

The District Manager recommends that the CPMD Board approve a change order to BT Construction in the amount of \$289,242.70 to allow for the pre-purchase of water pipeline infrastructure materials.

<b>Available Funding</b>	
2022 Enterprise Fund, 60-7241 Water Pipe Replacement Program	<b>\$675,000.00</b>
<b>Utilization of Funds</b>	
Crestone Way Water Main Replacement and Road Widening Project	<b>\$289,242.70</b>



# Crestone Way Improvements

**Proposal**

9885 Emporia Street  
 Henderson, CO 80640  
 Phone: 303-469-0199  
 Fax: 303-466-8309

**Owner's Name** Castle Pines Metro District

**BTC Project #:** 1094

**Date:** Wednesday, August 10, 2022

**Long Lead Items for Advance Purchase**

<b>Aegion Pipe</b>	Quantity	Cost		Total
10" DR 18 Fusible C900 Pipe - Material	1,755.00	\$	76.39	\$ 134,056.25
<b>Ferguson Waterworks</b>	Quantity	Cost		Total
10" DR18 C900 PVC Pipe - Material	1,440.00	\$	59.31	\$ 85,403.63
8" DR18 C900 PVC Pipe - Material	120.00	\$	38.81	\$ 4,657.50
Hydrant Assemblies - Material	3.00	\$	9,801.73	\$ 29,405.20
10" Gate Valve - Material	3.00	\$	4,669.03	\$ 14,007.08
8" Gate Valve - Material	2.00	\$	3,262.15	\$ 6,524.30
10"x12" Tee - Material	1.00	\$	1,766.25	\$ 1,766.25
10"x8" Tee - Material	2.00	\$	1,241.88	\$ 2,483.75
<b>Total Long Lead Material</b>				<b>\$ 278,303.95</b>

**Optional Material for Advance Purchase**

<b>Ferguson Waterworks</b>	Quantity	Cost		Total
Bends (90°, 45°, 22 ½°, 11 ¼°) - Material	4.00	\$	901.00	\$ 3,605.00
1" Service - Material	4.00	\$	1,137.81	\$ 4,551.25
1 ½" Service - Material	2.00	\$	1,391.25	\$ 2,782.50
<b>Total Optional Material</b>				<b>\$ 10,938.75</b>

Material Quote based on 30% design documents. Taxes excluded

**TOTAL \$ 289,242.70**