

CASTLE ROCK WATER

RESOLUTION EXPRESSING INTENT TO REIMBURSE STORMWATER CAPITAL EXPENDITURES

NOVEMBER 5, 2019



REIMBURSEMENT RESO

BACKGROUND

- 2020 Budget approved
 - \$10M debt financing legacy stormwater projects
 - No stormwater rate increase
- Bank loan Request for Proposals
 - Received six proposals
 - Interest rates ranged 1.79% to 2.58%
 - Recommended ordinance at 12/3 Council Meeting
 - Emergency adoption of ordinance on 12/17
 - Close on loan before year end
- Reimbursement Resolution
 - Reimburse capital expenses for 60 days prior to loan closing
 - Estimate up to \$900k of expenditures before year end

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SUMMARY OF LEGACY STORMWATER PROJECTS

- The need for these projects
 - Improve / maintain water quality
 - Protect the safety of the public
 - Comply with / minimize cost of regulatory compliance
 - Prevent private property damage
 - Prevent public infrastructure damage
 - Minimize future stormwater infrastructure cost
- Touch at least 10 different major projects through 2021
- Just part of the five year capital plan
 - Loan allows 5 other projects to move forward in 5 year window
 - Total estimated 5 year investments of \$20.7M

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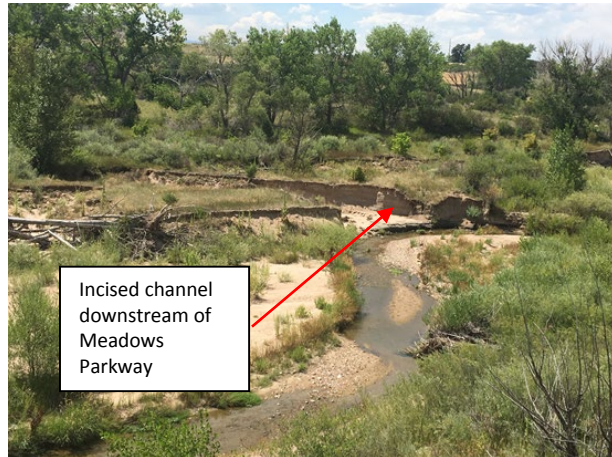
SUMMARY OF LEGACY STORMWATER PROJECTS



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EAST PLUM CREEK - MEADOWS

- Timing = 2020
- Estimated Cost = \$1.125M



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EAST PLUM CREEK – CR1

- Timing 2020 - 2021
- Estimated Cost = \$1.95M



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HANGMANS GULCH

- Timing 2020 to 2024
- Design in 2020
- Estimated Cost = \$2.1M



Channel width
growing due to
erosion and
sediment washing
downstream into
water supplies and
other areas

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6400 EAST TRIBUTARY – PAINTBRUSH PARK

- Timing 2020 to 2021
- Estimated Cost = \$0.855M



Signs of early degradation where stabilization can prevent the type of deep cuts we see elsewhere



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6400 SOUTH TRIBUTARY

- Timing 2020 to 2021
- Estimated Cost = \$0.574M



What happens if we don't address early – trail and railroad as well as several water and sewer crossings impacted



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OMNI TRIBUTARY – RED HAWK

- Timing 2020 to 2021
- Estimated Cost = \$0.891M



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PARKVIEW TRIBUTARY

- Timing 2020 and 2024
- Estimated Cost = \$0.816M



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CRAIG AND GOULD NORTH

- Timing 2020
- Estimated Cost = \$1.332M



Lack of stormwater infrastructure leads to damage to property, roads, etc.



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VILLAGE NORTH

- Timing 2021 and 2023
- Estimated Cost = \$1.93M



Several businesses below street level with no stormwater sewer at high risk for flooding



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MCMURDO GULCH

- Timing 2020 to 2024
- Estimated Cost = \$1.881M



Early signs of channel erosion that can be stopped if we act soon rather than creating a more expensive fix later



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RECOMMENDATIONS

- Staff
- Castle Rock Water Commission
- Questions?





THANK YOU

I MOVE TO APPROVE THE RESOLUTION AS
INTRODUCED BY TITLE