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# Utility Master Plans and Bond Update

Chris Tschirki - Public Works Director

Neal Winterton - Water Resources Division Manager

Reed Price - Maintenance Division Manager

Keith Larson - Principal at BCA

Laura Lewis - Financial Advisor with LYRB

*December 8, 2020*

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# Overview

## Expected Delivery

*January 26, 2020*

## Recent Progress

- Utility Modeling Complete
- Capital Facility Plans Substantially Complete
- CIP Lists and Probable Costs Updated

## Schedule

## Next Steps

## Goals

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# Progress - Water

## Capital Facility Plan

- Hydraulic Model 100% Complete
- CFP 95% Complete

## Bond Project List

- Initial List Complete
  - \$33.7M of Eligible Multi-Generational Projects Identified
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# Progress - Water

Water				
Project	Fiscal Year	Cost	Priority	Cumulative
Water Tank	2022	\$13,700,449	1	\$13,700,449
Booster Pump at Tank	2022	\$5,358,845	1	\$19,059,294
Well, Tank, Pump Piping	2022	\$370,800	1	\$19,430,094
Well #10 (Community Park)	2022	\$2,575,000	2	\$22,005,094
Water Reuse Project	2022	\$2,877,593	3	\$24,882,687
Well #11 (1600 North)	2023	\$3,182,700	4	\$28,065,387
4" Line Replacement (Phase 1 of 4)	2022	\$1,167,223	5	\$29,232,610
4" Line Replacement (Phase 2 of 4)	2022	\$4,470,559	6	<b>\$33,703,169</b>

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# Progress - Water Reclamation

## Capital Facility Plan

- Hydraulic Model 100% Complete
- CFP 90% Complete

## Bond Project List

- Initial List Complete
  - \$13.2M of Eligible Multi-Generational Projects Identified
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# Progress - Water Reclamation

Water Reclamation				
Project	Fiscal Year	Cost	Priority	Cumulative
Struvite Control	2022	\$2,103,312	1	\$2,103,312
Backup Generator	2022	\$657,285	2	\$2,760,597
Belt Press #3	2022	\$657,285	3	\$3,417,882
College Drive	2022	\$1,300,634	4	\$4,718,516
Frequent Maintenance Elimination	2022	\$2,841,520	5	\$7,560,036
H2S Rehabilitation	2022	\$5,000,000	6	\$12,560,036
Concrete Lagoons	2022	\$657,285	7	<b>\$13,217,321</b>

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# Progress - Storm Water

## Capital Facility Plan

- Hydraulic Model 90% Complete
- CFP 75% Complete

## Bond Project List

- Initial List Complete
  - \$15.9M of Eligible Multi-Generational Projects Identified
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# Progress - Storm Water

Storm Water				
Project	Fiscal Year	Cost	Priority	Cumulative
West Union Canal Abandonment Projects	2022	\$13,200,000	1	\$13,200,000
Taylor Drain Projects	2022	\$2,700,000	2	<b>\$15,900,000</b>

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# Balancing Act

## Bonding

- When is bonding appropriate? Low rates. Hedge construction inflation.
- How much is the right amount?

## Utility Pro Formas

- Revenue Evaluation (Rate-Based)
  - Expense Evaluation (Operation, Maintenance, Repair, Replacement, Debt)
  - Net Revenue Available for Long-Term Utility Maintenance
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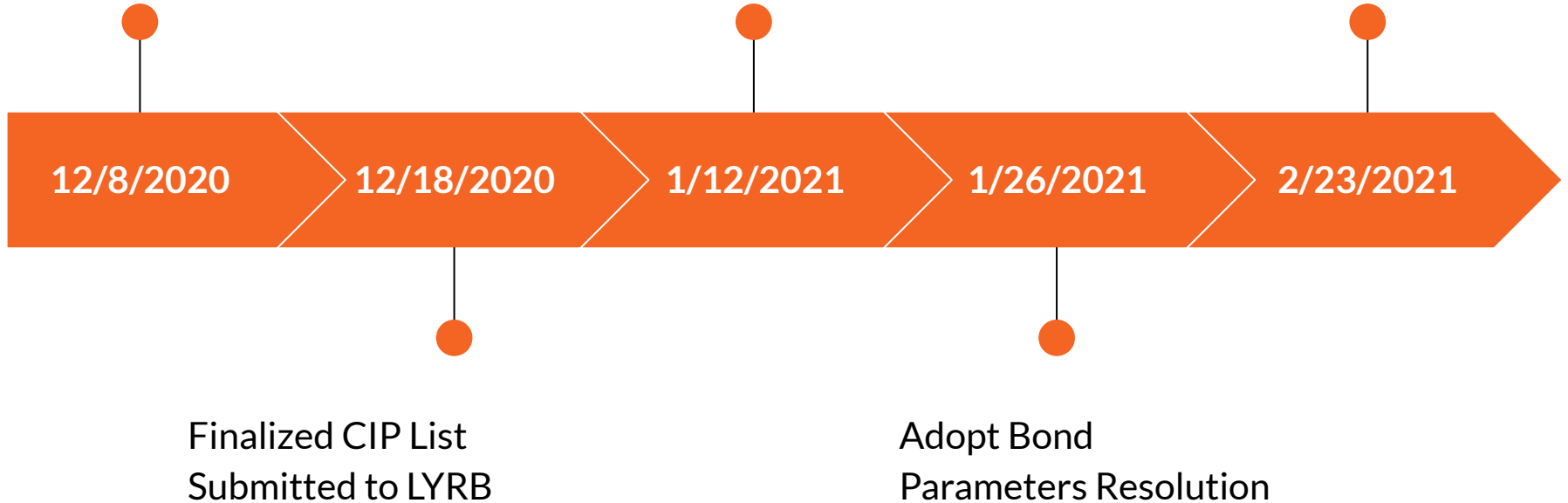
# Schedule

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Utility Master Plans  
and Bond Update

Bond Parameters  
Presentation - LYRB

Utility Bond Public  
Hearing



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# Next Steps

## Finalize CIP List with Updated Probable Costs

Work closely with BCA and internal staff

## Review and Update Utility Pro Formas

Work closely with LYRB and internal staff

## Review and Update Utility Rates

Work closely with LYRB utility analyst and internal staff

## Bond Parameters Resolution Preparation

Work closely with LYRB and internal staff

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# Goals for Next Meeting

1. Utility CIP List and Probable Costs Finalized
  2. Initial Recommended Utility Rates
  3. Bond Parameters Resolution Introduction
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# Future Challenges

- Utah Lake Water Quality Study
  - Federal and State Regulations
  - Irrigation Canal Abandonment
  - Other
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