



TOWN OF UXBRIDGE  
**DEPARTMENT OF PUBLIC WORKS**

147 HECLA STREET  
UXBRIDGE, MASSACHUSETTS 01569-1326  
508-278-8616 ♦ Fax 508-278-3179

Benn S. Sherman, P.E.  
Director

## **DPW Project Updates (as of 07/07/2021)**

### **DPW Highway Division**

#### **DPW Soils Project**

- |   |           |
|---|-----------|
| • FY 2020/2021 Processing & Removal                           | Completed |
| • FY 2022 Processing & Removal (pending FATM appropriation)   | TBD       |
| • FY 2023 Processing & Removal (pending future appropriation) | TBD       |
| • FY 2024 Processing & Removal (pending future appropriation) | TBD       |
| • FY 2025 Processing & Removal (pending future appropriation) | TBD       |
| • Administrative Consent Order Deadline                       | 12/2025   |

#### **NPDES MS4 Stormwater Permit**

- |  |          |
|--|----------|
| • Outfall location and maintenance   | Ongoing  |
| • FY2020/2021 Outfall Inspection & Sampling (Follow-up)  | Complete |
| • SWPPP Site Observations  | Complete |
| ◦ Follow Up Action items   | Ongoing  |
| • Regulation changes to comply with Year 3 of permit   | Ongoing  |
| ◦ Submitted updates to Planning Board  | 05/2021  |
| ◦ Planning Board did not adopt updates prior to FY close   | Ongoing  |
| • FY2022 Permit Requirements   |          |
| ◦ Catchment Investigation & Wet Weather Outfall Screening  |          |
| ◦ Post-Construction: Code Review for Low Impact Development/Green Infrastructure, Street and Parking Lot Design Guidelines         |          |
| ◦ Post-Construction and Blackstone River Phosphorus Impairment: Phosphorus Source Identification Report and Retrofit Opportunities |          |

### **Culvert Replacement Projects**

#### **Bridge and Culvert Management Plan Update**

- |  |                   |
|--|-------------------|
| • Reevaluate all structures              | Completed         |
| • Updated Report Submission <sup>1</sup> | 07/31/2021 (est.) |

<sup>1</sup> – Initial discussions with consultant indicate adjustments to the priority listing. This information will be used to update the DPW's 5-year capital plan and presented to the BOS at a future date for consideration.

#### **Albee Road (Through MVP Program Grant and Chapter 90)**

- |  |                  |
|--|------------------|
| • Design   | Completed        |
| • Permit culvert through Conservation Commission and MassDEP | Completed        |
| • Bidding  | 08/2021          |
| • Construction   | Summer/Fall 2021 |

#### **Sutton Street (Through MVP Program Grant and Chapter 90)**

- |  |           |
|--|-----------|
| • Initial Design 14'(W) x 4.2'(H) x 70'(L) box culvert to replace 2 – 36" existing culverts. (To meet Stream Crossing Standards) | Completed |
| • Permit culvert through Conservation Commission and MassDEP   | TBD       |



- Final Design and Review by MassDOT (pending additional funding) TBD

Hazel Street (*Through MassDER Culvert Program Grant*)

- MassDOT Initial Design 12.6'(W) x 5'(H) x 40'(L) box culvert to replace 5.5'(W) x 6.5'(H) culvert. (To meet Stream Crossing Standards) Complete
- Permit culvert through Conservation Commission, MassDEP Completed
- Final design and review by MassDOT (applied for DER grant funding) 04/2021
- Construct culvert (Apply for grant funds as possible) TBD

32 South Main Street Culvert Repair & Parking Lot

- Final Loam/seed and pavement markings 07/31/2021

MassDOT Small Bridge Grant

- Grant Award (\$100,000 for package of structures) Completed
- Design Start (Carney St., Aldrich St., Ironstone) 04/2021
- Project Completion-Design 12/31/2021
- Construction of improvements (pending funding) TBD

Granite Street Sidewalk Improvements (Complete Streets)

- Previous Application Not selected for Grant
- Submitted Application for Next Round 05/01/2021
- Award Notification <sup>2</sup> Pending

<sup>2</sup> – *The current round of Complete Streets applications are under review and pending the Governor's approval. This information will be used to update the DPW's 5-year capital plan and presented to the BOS at a future date for consideration.*

Hartford Avenue West

- Mill & Overlay - High Tension Lines to Sutton St Completed
- Sidewalks N. Main to Rivulet (Pending updates to Capital Plan) FY2022

Wesgan Square Project <sup>3</sup>

- Construction 05/31/2021

<sup>3</sup> – *Received a Shared Winter Streets grant for \$146,907 that will be used to complete project. This project was completed on time and under budget. There is approximately \$30,000 remaining and we have secured approval from MassDOT to allow the Town to apply these funds to additional sidewalks in the area of Wesgan Square.*

Rt. 16 (Douglas Street) Reconstruction Project (TIP Project)

- Project Initiation Form for TIP Completed
- Field Reconnaissance/Conceptual Design 75% Complete-Ongoing
- 25% Design (Pending update to Capital Plan for funding) FY2022
- 75/100/PS&E Design (Pending update to Capital Plan for funding) FY2022-2023

High/Park Street Drainage Study

- Submitting Project Request to MassDOT for funding 07/2021



Linwood/Church Street Drainage Study

- Submitting Project Request to MassDOT for funding 07/2021

Pavement Management Plan System Update

- Field Work-Road Assessment Completed
- Data Reduction & GIS portal Development 08/2021 (est.)
- 5-year Capital plan update <sup>4</sup>

<sup>4</sup> – Following the completion of the road assessment, the DPW will reevaluate paving needs, bridges/culverts and design work needed for future projects. This information will be used to update the DPW's 5-year capital plan and be presented to the BOS at a future date for consideration.

Route 122 North Main Street Phase 1 Reconstruction (MassDOT)

- Completion Date 11/12/2021

Route 122 North Main Street Phase 2 Reconstruction (MassDOT) <sup>5</sup>

- 100% Design Submission 08/2021 (est.)
- PS&E Design Submission 04/2022 (est.)
- Bidding 12/2022 (est.)
- Construction 2023 TIP

<sup>5</sup> – Town transferred final design completion to MassDOT. MassDOT will be managing the design consultant.

Route 146 Bridge over the Mumford River (MassDOT)

- Construction Ongoing

Rt. 146 SB Exit 2 Culvert Replacement (MassDOT)

- Design Public Hearing Completed
- Final Design TBD
- Construction TBD

**Water Division**

Water Meter Upgrade Contract 2020-03

- Advanced Metering Infrastructure Installed Completed
- Vendor Coordination Ongoing
- Project Completion (98% Complete) 10/2021

Water Meter Installation Contract 2020-04

- Pilot Program and Installation Completed
- Meter Change Out Progress 94% Complete
  - Closing out Contract with Contractor 07/31/2021
  - Town to install remaining outstanding meters 09/2021
- Project Completion 10/2021



### **Wastewater Division**

#### **Inflow & Infiltration Project**

- |  |                       |
|--|-----------------------|
| • Final I&I Report to MassDEP 12/2020        | Completed             |
| • MassDEP review period (120 days)           | 04/2021               |
| ◦ Responded to Comments                      | Ongoing               |
| • I&I Manhole Rehabilitation Project Phase 2 | Completed (6/30/2021) |

#### **WWTF Project**

- |                                 |            |
|---------------------------------|------------|
| • Substantial Completion        | Complete   |
| • Punch List Closeout           | Complete   |
| • Project Closeout <sup>6</sup> | 06/15/2021 |

#### **WRPS Project**

- |                                 |                       |
|---------------------------------|-----------------------|
| • Substantial Completion        | Complete              |
| • Punch List Closeout           | Complete              |
| • Project Closeout <sup>6</sup> | Complete (06/30/2021) |

<sup>6</sup> – Closed out the project with the Water Pollution Abatement Trust (WPAT) and have been fully reimbursed by the trust. The WPAT issued updated debt schedules reflecting the final project costs. See attached for final project financials.



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## WWTF & WEST RIVER PUMP STATION BUDGET & REIMBURSEMENT SUMMARY

**PURPOSE:** WWTF & WRPS Construction **SOURCE:** SRF 0%, SRF 2%, Local Borrowing **TM DATE:** 4/2/2016 (Article 1)  
**TM APPROPRIATION:** \$44,800,000.00  
SRF Portion Eligible for 0% Interest Rate \$ 29,200,000.00  
SRF Portion Eligible for 2.3% Interest Rate \$ 13,600,000.00  
**Total SRF Approval \$ 42,800,000.00**

ACCOUNT NUMBER	CONTRACTS	APPROVED	ORIGINAL BUDGET	CONTRACT/ PO AMOUNT	APPROVED CHANGE ORDERS	ADJUSTED CONTRACT	EXPENSE TO DATE	BALANCE REMAINING	% CMPLT	STATUS
41-440-2050-4104PW15-0000	WRPS RETAINAGE <sup>1</sup>	06/26/17					\$ -			
41-440-2050-4104PW16-0000	WWTF RETAINAGE <sup>1</sup>	06/26/17					\$ -			
41-440-5303-4106PW16-0000	LEGAL <sup>1</sup>	07/01/17	\$ 45,638.00	\$ 45,638.00	\$ (44,754.67)	\$ 883.33	\$ 883.33	\$ -	100.0%	Closed
41-440-5880-4106PW16-0000	WWTF FINAL DESIGN <sup>2</sup>	07/01/16	\$ 1,500,000.00	\$ 1,500,000.00	\$ -	\$ 1,500,000.00	\$ 1,500,000.00	\$ -	100.0%	Closed
41-440-5892-4106PW16-0000	OWNER'S PROJECT MANAGER <sup>2</sup>	02/07/17	\$ 500,000.00	\$ 500,000.00	\$ 42,792.73	\$ 542,792.73	\$ 542,792.73	\$ -	100.0%	Closed
41-440-5893-4106PW16-0000	WWTF CPS (GHD) <sup>1,3</sup>	11/09/16	\$ 4,400,000.00	\$ 4,150,000.00	\$ (39,639.52)	\$ 4,110,360.48	\$ 4,110,360.48	\$ -	100.0%	Closed
41-440-5893-4106PW16-9100	WRPS CPS (GHD) <sup>1</sup>	11/09/16	\$ 140,000.00	\$ 140,000.00	\$ 69,576.36	\$ 209,576.36	\$ 209,576.36	\$ -	100.0%	Closed
41-440-5894-4106PW16-0000	WWTF CONSTRUCTION (DOC) <sup>1</sup>	06/26/17	\$ 34,604,926.00	\$ 34,604,926.00	\$ 1,064,099.85	\$ 35,669,025.85	\$ 35,669,025.85	\$ -	100.0%	Closed
41-440-5894-4106PW16-9100	WRPS CONSTRUCTION (WMS) <sup>1</sup>	06/26/17	\$ 1,559,436.00	\$ 1,559,436.00	\$ 569,350.00	\$ 2,128,786.00	\$ 2,128,786.00	\$ -	100.0%	Closed
41-440-5897-4106PW16-0000	CONTINGENCY <sup>1,3,5</sup>	07/01/17	\$ 2,050,000.00	\$ 2,300,000.00	\$ (2,176,618.10)	\$ 123,381.90	\$ 123,381.90	\$ -	100.0%	Closed
<b>TOTAL COMMITTED</b>			<b>\$ 44,800,000.00</b>	<b>\$ 44,800,000.00</b>	<b>\$ 1,661,424.75</b>	<b>\$ 44,284,806.65</b>	<b>\$ 44,284,806.65</b>	<b>\$ -</b>	<b>100.0%</b>	

## REIMBURSEMENT SUMMARY

ACCOUNT NUMBER	REIMBURSIBLE ITEMS	ELIGIBLE COSTS <sup>4</sup>	CONTRACTED AMOUNT	2.3% Loan 16-26	0% Loan 16-26A	0% Fed. Grant (26B)	TOTAL SUBMITTED	TOTAL REIMBURSED
41-440-4680-4106PW16	WRPS CONSTRUCTION (WMS)	\$ 1,637,408.00	\$ 2,128,786.00	\$ 2,128,786.00	\$ -	\$ -	\$ 2,128,786.00	\$ 2,128,786.00
41-440-4680-4106PW16	WWTF CONSTRUCTION (DOC)	\$ 36,285,172.00	\$ 35,669,025.85	\$ 9,816,489.00	\$ 25,852,535.00	\$ -	\$ 35,669,024.00	\$ 35,669,024.00
41-440-4680-4106PW16	WWTF CPS (GHD)	\$ 4,400,000.00	\$ 4,110,360.48	\$ -	\$ -	\$ 3,124,000.00	\$ 3,124,000.00	\$ 3,124,000.00
41-440-4680-4106PW16	WRPS CPS (GHD)	\$ 140,000.00	\$ 209,576.36	\$ 1,193,224.00	\$ -	\$ -	\$ 1,193,224.00	\$ 1,193,224.00
41-440-4680-4106PW16	WWTF/WRPS-OPM WSE	\$ 50,000.00	\$ 50,000.00	\$ 42,793.00	\$ -	\$ -	\$ 42,793.00	\$ 42,793.00
41-440-4680-4106PW16	UTILITY WORK	\$ 287,420.00	\$ 287,420.00	\$ 123,383.00	\$ -	\$ -	\$ 123,383.00	\$ 123,383.00
<b>TOTAL</b>			<b>\$ 42,800,000.00</b>	<b>\$ 42,455,168.69</b>	<b>\$ 13,304,675.00</b>	<b>\$ 25,852,535.00</b>	<b>\$ 3,124,000.00</b>	<b>\$ 42,281,210.00</b>

<sup>1</sup> Included in the SRF funding request and authorization

<sup>2</sup> Included in the independent borrowing for final design and OPM services

<sup>3</sup> GHD additional services for WWTF were put into the contingency line

<sup>4</sup> MassDEP's revised Project Approval Certificate dated 6/1/2017

<sup>5</sup> Contingency not included in change order total

## TOTAL PROJECT ACCOUNTING SUMMARY

Total Appropriation	\$ 44,800,000.00
Project Expenses	\$ (44,284,806.65)
Misc. Revenue/Rebates/Incentives	\$ 192,113.00
NET PROJECT (+/-)	\$ 707,306.35

## SRF ACCOUNTING SUMMARY

Total Appropriation	\$ 42,800,000.00
Project Expenses	\$ (42,281,210.00)
Misc. Revenue/Rebates/Incentives	\$ -
NET PROJECT (+/-) WPAT TURNBACK	\$ 518,790.00