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First Street-East Providence Substation
July 16th 2026

First Street Substation East Providence

Former gas holder #11 (pre-1938)

Former gas holder #20 (circa 1958)

Project Need & Scope

Project Need:

- This project need arose as a part of the East Bay area study and anticipated new load in East Providence
- Planned retirement of 2 area substations – Waterman Ave, Kent Corners, from new circuits from First Street Sub
- Project provides load relief and switching flexibility to the Wampanoag Substation
- Project facilitates retiring most of the 23kV and 4kV systems in the area which have significant asset condition issues and reliability issues

Project Scope:

- New 115/12.47 kV substation with one 115/12.47 kV power transformer and a Metal Clad Switchgear Building
- Distribution Line system upgrades and conversions
- T-Line Tap to substation – from the E183W line

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Grading, Drainage & Utility Plan

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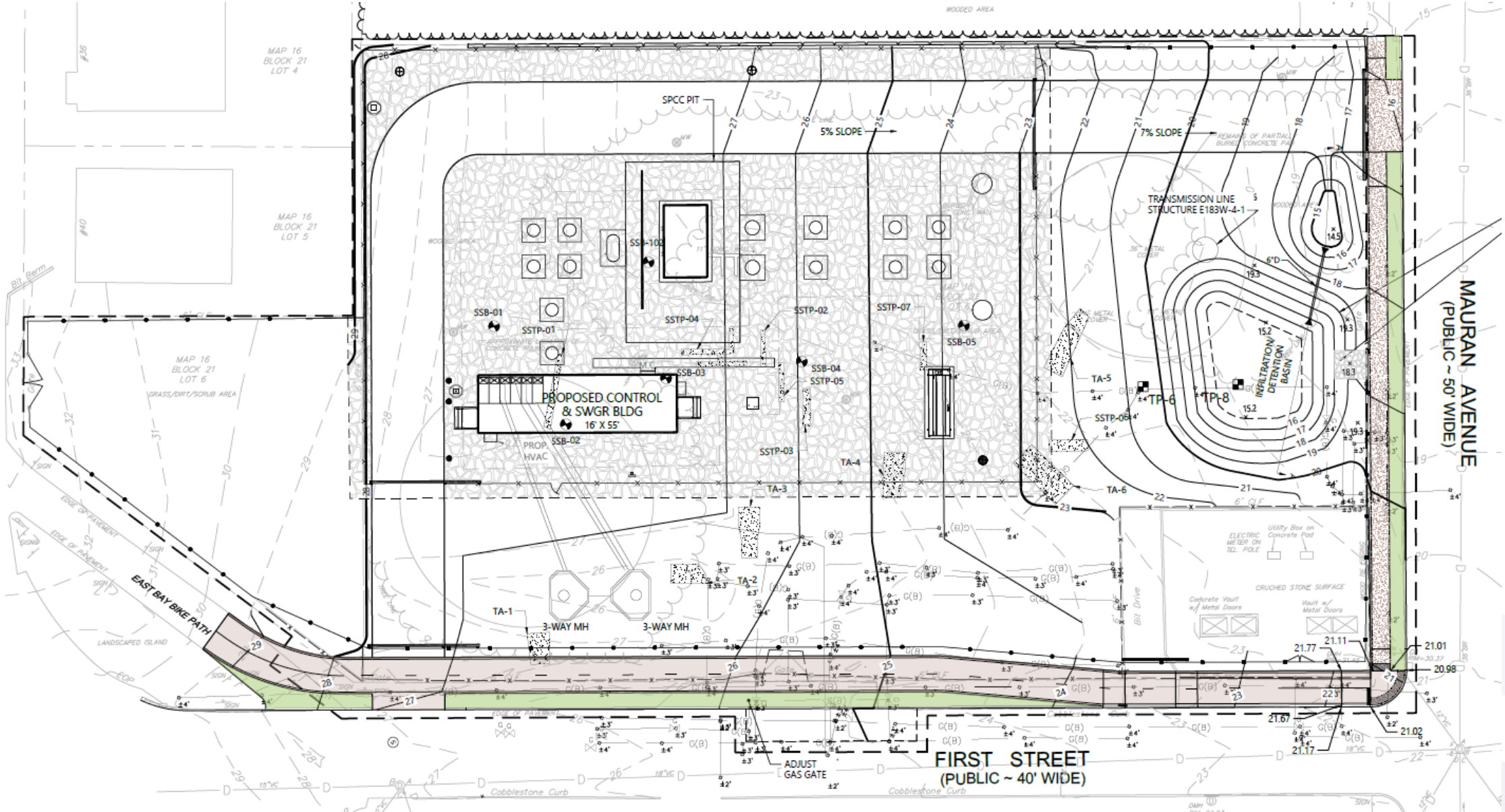

Schedule Update

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#	Activity ID	Activity Name	Start	Finish
1		First Street Sub #1202 - New DSUB C046726	02/08/2017 A	12/29/2028
2		Milestones	02/08/2017 A	12/29/2028
3		Permitting / Easements	10/03/2022 A	07/16/2026
4		Env. RI Historic Preservation and Historic Commission	10/03/2022 A	04/04/2023 A
5		RIDEM Permit	07/01/2025 A	04/30/2026 A
6		Zoning Approval	11/03/2025 A	07/16/2026
7		Engineering	07/08/2024 A	10/23/2028
8		Civil/Structural Package	09/25/2024 A	10/02/2025 A
9		Physical/Electrical Package	07/08/2024 A	12/11/2025 A
10		Protection Package	08/01/2024 A	05/05/2025 A
11		Engineering IFC	09/24/2025 A	07/10/2026 A
12		As-Builts	07/10/2028	10/23/2028
13		Procurement	03/16/2023 A	09/28/2026
14		Long Lead Material	03/16/2023 A	09/11/2026
15		115kV CCVT	10/28/2024 A	07/01/2025 A
16		115/12.47 kV 24/32/40 MVA Transformer (1)	03/16/2023 A	07/16/2026
17		12.47 kV Metal Clad Switchgear Power Center (MCSPC) (Enclosure) (1)	06/01/2023 A	08/17/2026
18		115kV Circuit Switcher (1)	07/01/2024 A	09/11/2026
19		7.2 kV Capacitor Bank (1)	07/01/2025 A	08/03/2026
20		Service Contracts	03/01/2024 A	09/28/2026
21		Engineering Contract	03/01/2024 A	06/12/2024 A
22		Demo and Remediation Contract	01/23/2026 A	07/03/2026 A
23		Civil Construction RFP Prep	07/20/2026	09/28/2026
24		Construction	10/01/2025 A	07/07/2028
25		Demo and Remediation	08/10/2026	11/09/2026
26		Civil Construction	11/10/2026	06/21/2027
27		Groundwater Well Removal	10/01/2025 A	06/30/2027
28		Above Grade Electrical Work	06/22/2027	07/07/2028
29		Testing and Commissioning	05/08/2028	07/07/2028
30		Site Restoration	05/08/2028	07/07/2028
31		Close Out	07/10/2028	11/20/2028

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Key Milestones:

- RI DEM Permit received May 2026
- Long Lead Materials ordered
- Construction start in August 2026
- Substation Energization June 2028

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