

OLD COLONY PLANNING COUNCIL

Frank P. Staffier
President
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Brockton, MA 02301-4097



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NOTICE OF MEETING

You are respectfully requested to publicly post this notice and agenda of a meeting of the Old Colony Planning Council in accordance with the Law Regulating Meetings of Governmental Bodies, Chapter 397 of the Acts of 1976, Section 23 B. Said notice should be posted in the Clerk's Office or on the principal official bulletin board of the municipality.

MEETING OF THE OLD COLONY PLANNING COUNCIL

DATE: March 28, 2018
TIME: 7:00 PM
PLACE: Old Colony Planning Council
70 School Street
Brockton, MA 02301

Respectfully submitted,

Frank P. Staffier, President

Old Colony Planning Council

Agenda

Agenda for Meeting No. 545
March 28, 2018

Old Colony Planning Council
70 School Street, Brockton, MA 02301

The listings of matters are those reasonably anticipated by the Chair, which may be discussed at the meeting. Not all items listed may in fact be discussed and other items not listed may be brought up for discussion to the extent permitted by law.

1. Call to Order, 7:00 PM
2. Roll Call of Members
3. Minutes of February 28, 2018 Meeting
4. Financial Report for February 2018
5. Staff Report
6. Regional Clearinghouse Reviews

Mr. Frank P. Staffier, President
Mr. Fred Gilmetti, Secretary
Mr. Fred Gilmetti, Secretary
Ms. Christine Joy, Treasurer
Pat Ciaramella, Executive Director

Industrial Revenue Bonds

None

Environmental Notifications

See Attachments

7. Old Business

- A. Report and update on the 2018 District Local Technical Assistance (DLTA) Program. Pat Ciaramella, Executive Director.

8. New Business

- A. **Presentation** – Road Safety Audits (RSA). The Federal Highway Administration (FHWA) defines an RSA as “the formal safety performance examination of an existing or future road or intersection by an independent, multidisciplinary team.” An RSA is required to be performed during the design process for any MassDOT project that includes a high crash location. Raymond Guarino, Senior Transportation Planner, will present on the recently completed RSA for Center Street (Route 123) at Plymouth Street in Brockton.
- B. Review and consideration of the FFY 2018-2022 Transportation Improvement Program (TIP) Amendments and/ or Adjustments. Charles Kilmer, Assistant Director/ Transportation Program Manager.
- C. Update on the EDA Grant Application. Bruce Hughes, Economic Development/Community Planner.
- D. Appointment of a Nominating Committee for OCPC Officers for 2018-2019. Frank Staffier, OCPC President.

9. Community Concerns

10. Other Business

11. Visitors Comments/Questions

12. Adjournment

*FUTURE MEETINGS: April 25, 2018, May 2018 (Annual Meeting - TBA), and June 27, 2018
(Executive Committee Meeting would be convened in the absence of a Council quorum)*

Attachments

Industrial Revenue Bonds (Council Action)

None

Environmental Notifications (Information only)

i. EEA # 15816 - Plymouth Water System Expansion, Plymouth - Plymouth supplies approximately 14,000 water system customers with drinking water from eleven wells at a total of ten groundwater supply source locations. Drinking water is distributed to customers via more than 200 miles of pipe. The water system is divided into six pressure zones, each of which is interconnected with at least one other pressure zone to allow for distribution of water during times of peak demand or emergency conditions. The water system utilizes ten water storage tanks to store the Town's finished drinking water so that it is available for periods of high demand and fire flow conditions.

The Town completed a Water System Master Plan in 2006 that identified a lack of redundancy in their water supplies needed to reliably meet system demands, as well as a potential need for additional water supply volume over the long term.

The Plymouth Water System Expansion consists of the development of a new water supply at Forges Field. Preliminary hydraulic modeling of the expanded Bradford Pressure Zone with the addition of the Forges Field water supply has been completed. Based on this modeling, customers located along the proposed water main route will be adequately served by typical operating pressures within this zone. Furthermore, the modeling suggests that a 12-inch water main is required to provide the needed fire flow (750 gallons per minute or greater at 20 psi) to the residential customers along Russell Mills Road and Jordan Road between Forges Field Road and Russell Mills Road.

In addition to development of the Forges Field well as a new water supply, the proposed water system improvements consist of the following elements:

- Construction of a pump station building at Forges Field where the water will be chemically conditioned for pH and disinfection.
- Installation of a transmission main that will deliver water from Forges Field to the Bradford Pressure Zone via Jordan Road and Russell Mills Road.
- Construction of a valve control station along Forges Field Road near Jordan Road to provide a new option for routing water from the Bradford Pressure Zone to the Plymouth Center Zone.

The water system expansion is to be constructed as a single, continuous construction effort during 2018 and 2019 and coming online in early 2020. A description of the well field, valve control station and distribution system is provided below.

Water Supply Well Station at Forges Field

A well station will be located at the Forges Field Sit. This well station building is approximately 35' x 50' in size and will house the pump, telemetry and water conditioning equipment. Adjacent to the well station will be a generator and propane tank for backup electrical and heating purposes.

The well field currently has an existing 12-inch diameter well that were used for the prolonged aquifer performance tests. New production wells are proposed in the same vicinity as the test well, which will serve as the water supply well for the system. Electrical utilities and water mains will be installed on existing well field access roads. The overall area to be cleared for the well station is approximately 150' x 150'. Chain link fencing is to be placed around the wells and pump house for security purposes.

Valve Control Station

Construction of a valve control station is proposed along Forges Field Road near Jordan Road that will provide a new option for routing water from the Bradford Pressure Zone to the Plymouth Center Zone.

Distribution System

The water system expansion consists of approximately 13,680 feet of new ductile iron water mains with associated services, hydrants, and valves. This includes the installation of approximately 8,904 feet of water main along Forges Field Road, Jordan Road and Russell Mills Road for system expansion, and potentially the replacement of approximately 4,776 feet of existing water main along Russell Mill road within the Bradford pressure zone. The need to replace the existing water main on Russel Mill Road will be confirmed as part of the design process, and will be determined on the adequacy of the existing pipe's material, age, and diameter. The water mains will generally be located almost exclusively within existing roadway right of ways.