

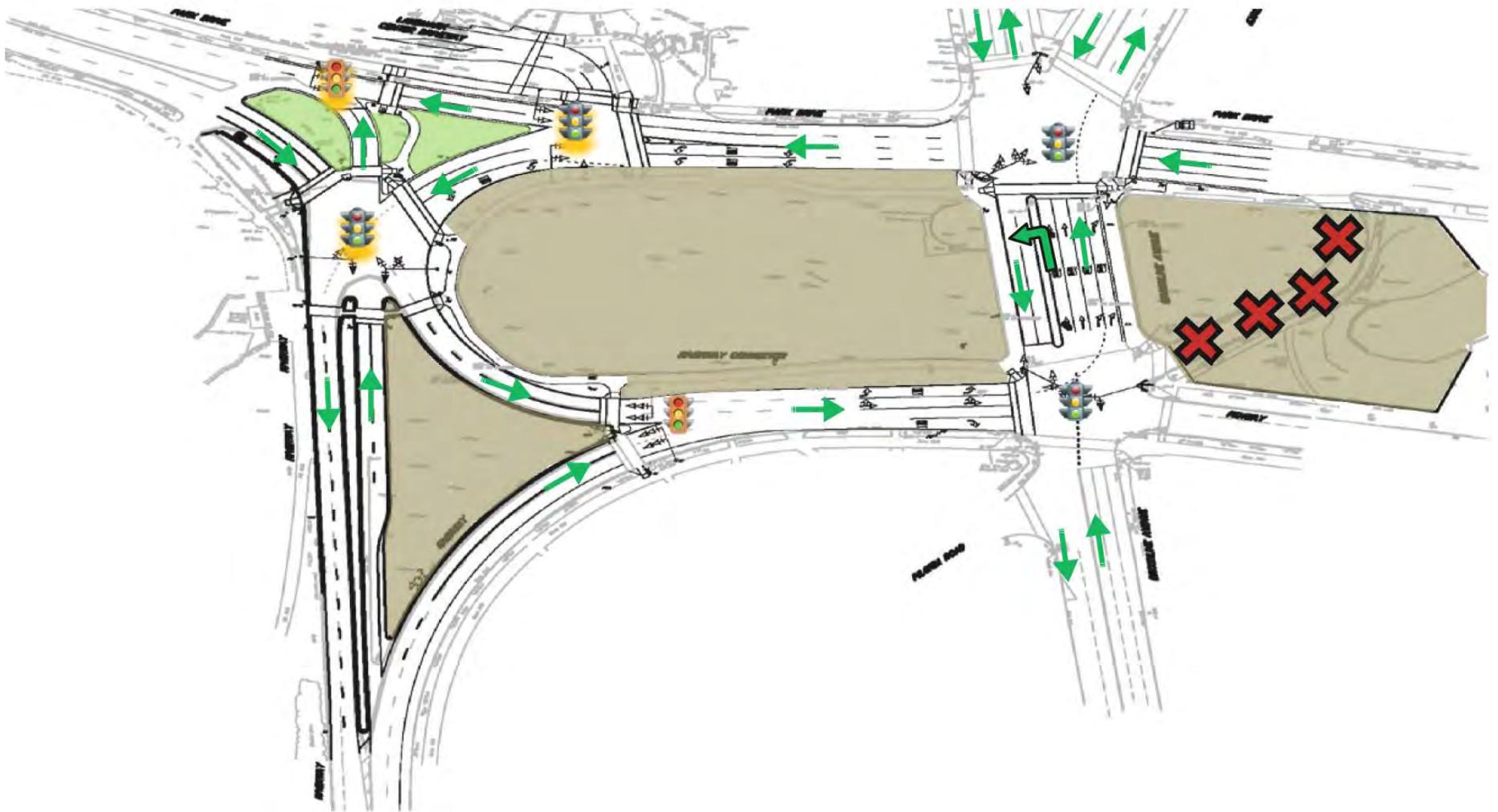
Muddy River Flood Risk Management & Environmental Restoration Project  
Phase 1 Construction Activities Next 90 Days  
December 2015

General: The Muddy River Flood Risk Management (FRM) & Environmental Restoration Phase 1 Construction Project is located in the footprint generally between the Riverway downstream to Avenue Louis Pasteur. The major project components involve the installation of a 10-foot by 24-foot box culvert under the Riverway roadway, the installation of 10-foot by 24-foot box culvert under the Brookline Avenue roadway, daylighting of the area between the Riverway and Brookline Avenue, and daylighting of the area between Brookline Avenue and Avenue Louis Pasteur. Daylighting is the removal of existing twin 72" culverts and excavation of the area to return the waterway to a natural state. This Notice is intended to identify the general construction activities that will be performed in the next 90 days. A figure that shows the existing conditions and the proposed improvements is at the end of this report.

**December 2015 through February 2016 Period:**

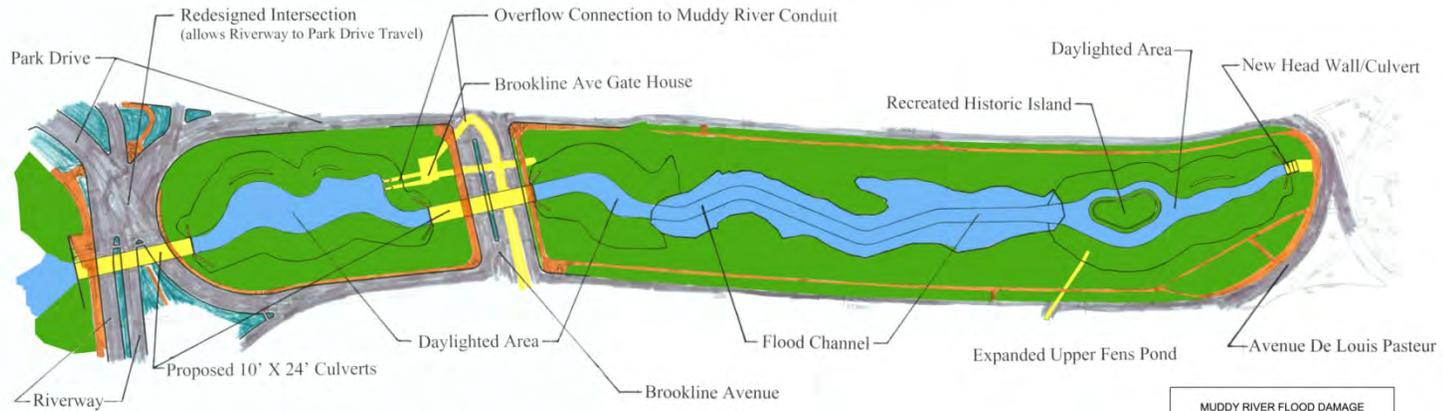
- In order to continue work on the project, a traffic shift took place on 5 December in order to open the end state new left turn onto Park Drive from Riverway and open the end state crosswalks for pedestrian use. This shift allowed for the permanent closure of the Jug Handle roadway and its sidewalk so that the Muddy River can be daylighted in this area. Since the closure, the sidewalk and roadway has been removed. Upcoming activities is the installation of the steel sheeting and active excavation of the southside (right side, looking downstream) of the Jug Handle area. Excavation to construct the northside will take place in early March once the existing twin 72" culverts are abandoned and the river is flowing through the new culverts and the southside of the constructed river.
- The relocation of a portion of the existing 24" sewer line in the former Sears Parking Lot began mid October. Since that time, the southern portion of the new sewer line was installed from the existing manhole on Riverway Connector to a new manhole on the street, and has been advanced up to the river diversion sheeting and backfilled. The completion of the northern portion and connection to the existing system will take place in early 2016, once the existing twin 72" culverts are abandoned.
- In the former Sears Parking Lot work area, active excavation to construct the southside (right side, looking downstream) of the new river channel from the new Riverway Culvert to the new Brookline Avenue Culvert has begun to include grading of the new banks and installation of articulated concrete blocks (ACBs) at the downstream outlet of the new Riverway culvert. Excavation will continue to the new Brookline Avenue Culvert now that the southern portion of the new sewer line is installed and backfilled; and the sheetpile support of excavation has been removed. Excavation to construct the northside will take place in early March once the existing twin 72" culverts are abandoned and the river is flowing through the new culverts and the southside of the constructed river.
- Upstream of Avenue Louis Pasteur (ALP), the precast concrete culvert sections and granite veneer facade were installed just before the end of November. Since that time, the "daylighting" between the Upper Fens Pond and this extension piece of precast concrete culvert have continued with the removal of the existing twin 72" culverts, and the recreation of the historic Olmsted Island, which will allow the Muddy River to flow through this area and the diversion pumps to be removed before Christmas. Remaining plantings on the upland areas of this "daylighted" area will be planted in the next planting season, starting 1 May 2016.
- Downstream of Avenue Louis Pasteur, the contractor has completed the construction of the new flood risk management channel. The temporary steel sheeting cofferdam at this downstream end of Phase 1 Construction will be removed when the river diversion pumps are turned off. Remaining plantings on the upland areas will be planted in the next planting season, starting 1 May 2016.

- At the end of this notice we have included some pictures that show the traffic change; and construction progress for the pedestrian walkways; the former Sears Parking Lot; the Upper Fens Pond; and Avenue Louis Pasteur work areas. We thought folks would be interested in seeing the work occurring behind the fence.
- If you have any questions, require additional information or would like to be added to the Project Contact List, please email the project mailbox at [MuddyRiver@usace.army.mil](mailto:MuddyRiver@usace.army.mil)



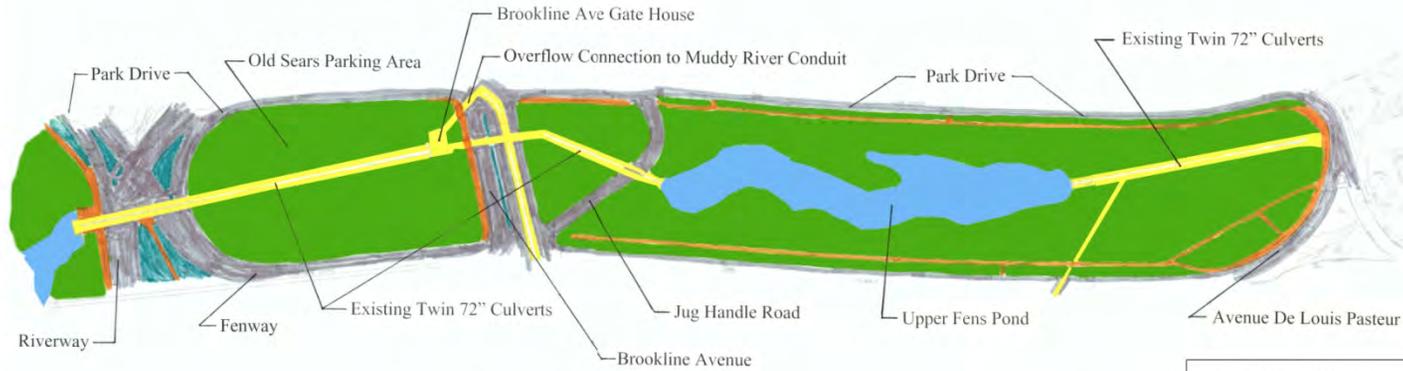
TRAFFIC MANAGEMENT PLAN DURING THE DAYLIGHTING OF THE MUDDY RIVER AT THE JUG HANDLE ROADWAY

## Muddy River Flood Damage Reduction & Environmental Restoration Project



Proposed Phase 1 Improvements

MUDDY RIVER FLOOD DAMAGE  
REDUCTION AND ENVIRONMENTAL  
RESTORATION PROJECT  
(PHASE 1)  
BOSTON AND BROOKLINE, MASSACHUSETTS



Existing Phase 1 Conditions

MUDDY RIVER FLOOD DAMAGE  
REDUCTION AND ENVIRONMENTAL  
RESTORATION PROJECT  
EXISTING CONDITIONS  
BOSTON AND BROOKLINE, MASSACHUSETTS



New left turn onto Park Drive from Riverway opened late afternoon on Saturday as part of the recent traffic change – 5 December 2015.



Jug Handle Roadway closed late afternoon on Saturday as part of the recent traffic change – 5 December 2015.



Construction of the end condition pedestrian walkway near the new Riverway culvert – early December 2015.



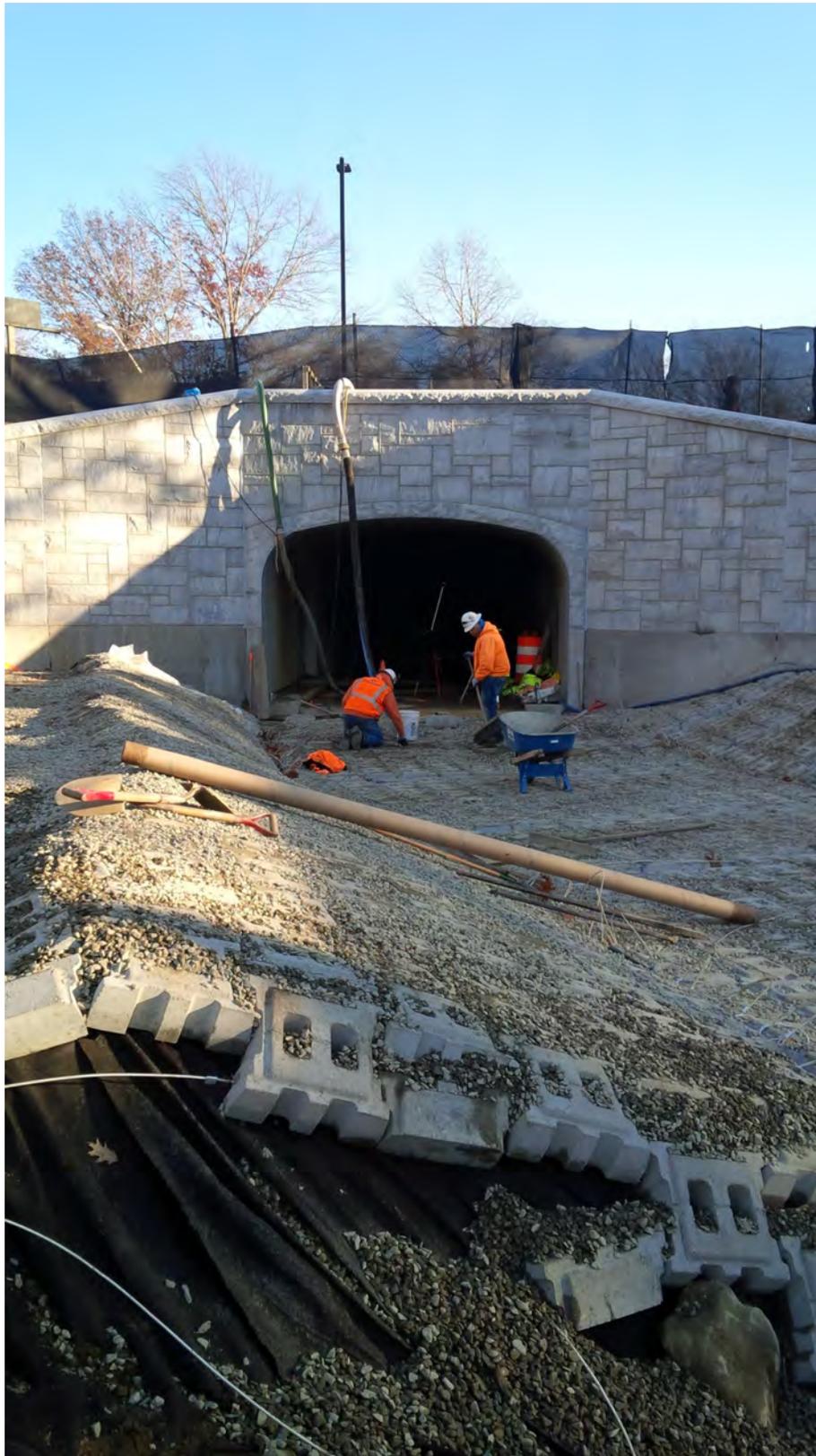
Installation of granite curbing at the Riverway Connector – on the right side will be a pedestrian walkway which will be constructed as part of an end condition feature – mid December 2015.



Removal of the steel sheeting support of excavation at the upstream end of the new Brookline Avenue culvert – this will allow the continued “daylighting” of the southside of the new channel – early December 2015.



Removal of the roadway and sidewalk at the Jug Handle work area now that the roadway is permanently removed from vehicular and pedestrian traffic – mid December 2015.



Installation of the articulated concrete blocks (ACBs) at the upstream end of the Avenue Louis Pasteur culvert – early December 2015.



Installation of the geocells and loam and planting of the historic Olmsted Island – early December 2015.



Recreated historic Olmsted Island – with new geocells, loam, and turf reinforcement mattress (TRM) installed and all trees planted – note in the foreground a new headwall and drainage piping being installed on the constructed right bank of the daylighted area – looking downstream at the Avenue Louis Pasteur culvert – mid December 2015.



Recreated historic Olmsted Island – with new geocells, loam, and turf reinforcement mattress (TRM) installed and all trees planted – note the habitat logs installed on the island and in the constructed channel – looking cross river towards Simmons College – mid December 2015.



Constructed channel at the downstream of Avenue Louis Pasteur culvert – note the steel sheeting cofferdam that will be removed when the river diversion pumps are turned off – mid December 2015.