

Brick Market

60 Penhallow Street, Portsmouth, NH.

Daniel Street Reconstruction Narrative

Phases & Scope of Work

1. Installation of a 12" drainage trunk line and connect to existing catch basins in the roadway. This will eliminate the current combined drainage/sewer configuration. The drain will originate from an existing drain manhole at the intersection of Penhallow and Daniel Streets and will be run along the centerline of Daniel Street. Work will terminate at the intersection of Daniel and Market Streets. This work will entail saw cutting and removing existing pavement within the drain line trench limits, excavating for, and installing 300 feet of 12" HDPE pipe, installing 3 new drain manholes, and coring into 4 existing catch basins. We are anticipating some ledge removal. This will be removed mechanically. No blasting will occur. At the end of each day the trenches will be backfilled with crushed gravel flush with existing pavement. Trenches will be paved at the end of each week. There will be an excavator, a loader, and dump trucks utilized in this operation. Daniel Street is anticipated to be closed to vehicular traffic, weekdays from 7am to 4:30pm. The roadway will be open in the evening. Sidewalks will remain open and passable. Trash pickup and deliveries will be accommodated. The duration of this phase will be from April 4th to April 22nd.
2. Installation of an electrical manhole at the intersection of Daniel and Penhallow Streets. A concrete encased duct bank for primary power, that began installation last year, will be connected to the manhole. Secondary electrical conduits will then be installed crossing Daniel Street at 3 locations. This work will allow utility companies to remove the overhead power lines from the intersection of Daniel and Penhallow Streets to Market Street (Removal has not been scheduled by the utility companies). Like the drain installation, pavement will be sawcut and removed, conduit installed to final locations, and trenches backfilled at the end of each day utilizing the same equipment described above. Trenches will be paved at the end of each week. Daniel Street will be open to vehicular traffic but there will be some lane shifting and impacts to parking spaces to accommodate the installation of conduit. Sidewalks will remain open and passable. Trash pickup and deliveries will be accommodated. The duration of this phase will be from April 25th to May 12th.
3. Curbing and brick will be repaired from trench crossings of sidewalks prior to new curb and brick being installed adjacent to 60 Penhallow. Our subcontractor will install the curb utilizing a small excavator and loader. Severino will then place and grade gravel and asphalt with a rubber-tired excavator and a dump truck. Lastly, our hardscape subcontractor will place the brick using 4 to 5 guys and a small skid steer loader. There will be minor pedestrian detours and impacts to parking spaces where work is being performed. The duration of this work will be from May 19th to June 21st.
4. Parking stalls, lane lines, and crosswalks will be temporarily striped. This work will be performed once all curbing and sidewalks are complete. Duration is 1 day. At this point there will be a pause in offsite road construction until September.

EXCAVATING CONTRACTOR



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5. In September our crews will prep the work zone for final paving. Catch basin frames and grates, drain manholes covers, sewer manhole covers, electrical manhole covers, and water gate boxes will be checked for final grade adjusted as needed. This is achieved by jack hammering the frames loose and adjusting them to grade with brick and mortar. Continental Paving will then remove 1-1/2" of pavement to alleviate any inconsistencies in grade. This will be accomplished by a machine that grinds the layer of pavement off and deposits the debris in the back of a dump truck. Continental will then pave an 1-1/2' of final wearing course. This is placed with a paver, 2 rollers for compaction, dump trucks, and a crew of 8 guys. Final striping will occur 4 to 5 days after paving. Stripe too soon and the asphalt will absorb the paint causing it to fade. The paving and milling will take 2 days. Striping layout will take 1 day and striping will take 1 to 2 days.

Traffic Control

Traffic will be detoured from Daniel Street down Penhallow to Bow Street for the drainage installation and final paving. This will only occur between the hours of 7 am and 4:30 pm Monday through Friday. Accommodations will be made for deliveries and trash pickup. Pedestrian traffic will be maintained. Daniel Street will be open at the end of each day and parking available at 4:30 PM to 7:00 am the next morning.

Electrical conduit crossings, curbing, and sidewalk installation will be accomplished by shifting traffic into the parking stalls on the north side of Daniel Street. To complete the conduit crossings on the north side of Daniel, traffic will be shifted into the parking stalls on the south side of Daniel. Again, deliveries and trash pickup will be accommodated for, and pedestrian traffic will be maintained. Parking will be restored at the end of each day.

Severino Contacts

Please contact us with any questions or concerns.

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