

AGENDA

- Introduction
- Safety and Access
- Notification and Communication
- Rules and Regulations
- Wrap Up



AGENDA: SPEAKING ORDER

- Introduction
 - Julia Campbell Deputy Chief of Streets for Infrastructure and Design
 - Norman Parks Chief Engineer/ Director of Construction Management, Public Works
 - o Jami Clemente Supervisor of Construction Inspection Unit
- Safety and Access
 - o Jodi Sugerman-Brozan Deputy Chief, Worker Empowerment
 - o Patricia Mendez Director of Architectural Access, Disabilities Commission
 - o Dolores Carbona Sr. ADA Manager, Public Works
- Notification and Communication
 - o Irgisola Budo 311 Director
 - Lindsey Santana Director of the Mayor's Office of Neighborhood Services
 - o Dennis Roache Superintendent of Waste Reduction
 - Danny Nee Superintendent of Street Operations
- Rules and Regulations
 - o Cathy Garcia Manager of Public Works Permit Division & Boston Transportation Department
 - o Jami Clemente Supervisor of Utility Compliance and Coordination
 - Utilities
 - Street Lighting
 - Rachel Luna Green Infrastructure
 - Christian Simonelli Executive Director of Ground Water Trust
 - Patrick O'Sullivan & Colin Warren Eversource Electric
 - Meghan Corkhum & Vasta Curpen National Grid
- Wrap up Norman Parks



AGENDA: SPEAKING ORDER - FOR 2026

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INTROS: WHY WE HAVE THIS MEETING

- The City acknowledges the busy schedules associated with construction.
- Your work impacts the City's infrastructure and the daily lives of everyone in Boston.
- Attending this meeting ensures that you are aware of the expectations the City has for you during construction because you will have:
 - Resources for reference
 - ■Points of contact for future questions
- After leaving today's meeting it is unacceptable to later state that you
 were not aware of the City's rules and regulations.



INTROS: PROFESSIONALISM

- We all chose this profession.
- The Construction Inspection Unit (CIU) may need to communicate to you that you have not followed the City's rules and regulations from time to time.
- We need your cooperation in correcting violations of the City's rules, especially when it comes to the repair of defective work.
- Our rules stipulate that if you do not repair defective work in the time established, we will hold up new permit requests.





Private development projects over 50,000 square feet and any public development project must meet the following employment standards:

- \geq 51 percent of the total work hours of journey people to Boston residents
- ≥ 40 percent of the total work hours of journey people go to people of color, and
- \geq 12 percent of the total work hours of journey people go to women.
- Additionally, the new ordinance sets apprentice goals 51% Boston residents, 40% People of Color,
 12% Women

Projects are monitored by Construction Monitors with reports to the Boston Employment Commission to ensure compliance. Compliance is based on seven administrative sanctionable violations, not the hiring goals.



SAFETY: YOU HAVE THE RIGHT TO A SAFE AND HEALTHY WORKPLACE



If you are working on a construction site in the City with a permit from the Inspectional Services Department (ISD), the <u>Safe Construction and Demolition Ordinance</u> provides you with additional protections!

All ISD permit holders must have a **Site Safety Plan** and a **Site Safety Monitoring Plan** that has two parts:

(1) Site Safety Plan Orientation

Permit holders must provide a Site Safety Plan Orientation annually for all workers on site (contractors and subcontractors). This includes a review of hazards and safety procedures at the site.

- * All materials and training must be conducted in a language workers understand;
- * Site Safety Orientation does not replace required health and safety training; and
- * Permit holders must keep a record of all orientations and annual refreshers.

(2) Pre-Shift Safety Meetings

Permit holders must hold regular pre-shift safety meetings for workers (contractors and subcontractors); and

Permit holders must keep a record of each worker's attendance at pre-shift safety meetings at least once per week.

Larger projects (over 50,000 square feet, or demolition projects larger than 4 stories) must also have a Site Safety Coordinator - with at least 30 hours of OSHA training, on site at all times.

If your employer has not provided these protections you can make a complaint to the Inspectional Services Department by calli 617-635-5300 or emailing isd@boston.gov.

Multilingual information for workers can be found at boston.gov/construction-safety.



OSHA is focusing on reducing trenching and excavation hazards. Trench collapses, or cave-ins, pose the greatest risk to workers' lives. To prevent cave-ins:

- SLOPE or bench trench walls
- SHORE trench walls with supports, or
- SHIELD trench walls with trench boxes

Employers should also ensure there is a safe way to enter and exit the trench. Keep materials away from the edge of the trench. Look for standing water or atmospheric hazards. Never enter a trench unless it has been properly inspected.

29 CFR 1926.650, 29 CFR 1926.651, and 29 CFR 1926.652 are applicable OSHA standards.

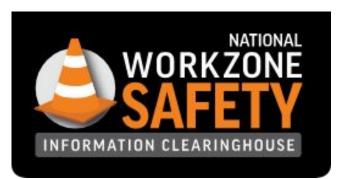


www.osha.gov/trenching-excavation

SAFETY: WORK ZONE SAFETY

Transportation incidents and workers struck by vehicles or mobile equipment account for the highest number of fatal work injuries, according to the Bureau of Labor Statistics.

www.osha.gov/highway-workzones



There are many resources on OSHA's website as well as workzonesafety.org



Work Zone Traffic Safety

Workers being struck by vehicles or mobile equipment lead to many work zone fatalities or injuries. Work zones need traffic controls identified by signs, cones, barrels and barriers.

Drivers, workers on foot, and pedestrians must be able to see and understand the proper routes. Construction project managers determine traffic control plans within construction/demolition worksites.

- Traffic control devices, signals, and message boards instruct drivers to follow paths away from where work is being done.
- Approved traffic control devices, including cones. barrels, barricades and posts, are also used inside

Work Zone Protections: Various concrete, water, sand, collapsible barriers, crash cushions, and truckmounted impact absorbers can help limit unauthorized entry by motorists into construction work zones.

Flagging: Flaggers should wear high-visibility clothing with a fluorescent background and made of retroreflective material. This makes workers visible for at least 1,000 feet in any direction. Check the label or packaging to ensure that the garments are performance class 2 or 3. Drivers should be warned with signs that there will be flaggers ahead. Flaggers should use STOP/SLOW paddles, paddles with lights, or flags (only in emergencies).

Lighting: Flagger stations should be well lit. Lighting for workers on foot and for equipment operators should be at least 5 foot-candles or greater. Where available lighting is not sufficient, flares or chemical lighting should be used. Glare should be controlled or eliminated.

Training: Flaggers must be trained/certified and use authorized signaling methods.

Driving: Seat belts and rollover protection should be used on equipment and vehicles as the manufacturer recommends.



For more information:

SAFETY: HEAT SAFETY



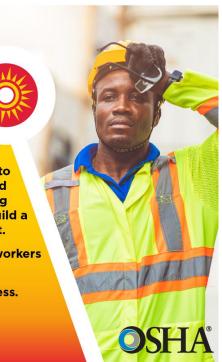
Employers are Responsible for Protecting Workers from Heat Illness

By law employers are responsible for providing workplaces free of known safety hazards, including extreme heat.

It is your responsibility to:

- Provide workers with water, rest and shade.
- Allow new or returning workers to gradually increase workloads and take more frequent breaks during the first week of work as they build a tolerance for working in the heat.
- Plan for emergencies and train workers on prevention.
- **✓** Monitor workers for signs of illness.

osha.gov/heat





Heat illness signs and symptoms

Watch for signs of heat illness and act quickly. When in doubt, call 911.

If a worker experiences:

Headache or nausea

Weakness or dizziness

Heavy sweating or hot, dry skin

Elevated body temperature

Thirst

Decreased urine output

Take these actions:

- Sive cool water to drink
- Remove unnecessary clothing
- Move to a cooler area
- >> Cool with water, ice, or a fan
- >> Do not leave alone
- Seek medical care (if needed)



SAFETY: HEAT ILLNESS PREVENTION PLAN

Every employer needs to have a written heat illness prevention plan (in both English and other relevant languages) which includes:

- Procedures for providing sufficient water
- Procedures for providing access to shade
- High-heat procedures/Rest-work schedules
- Buddy system
- Emergency response procedures
- Acclimatization methods and procedures
- Effective Communications
- Weather monitoring
- Training

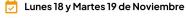


SAFETY: FREE, MULTILINGUAL OSHA 10 AND OSHA 30





Taller de OSHA 10 Horas en Construcción en Español



9:00 AM - 3:00 PM

Maverick Landing Community Room 31 Liverpool St, East Boston

Aprenda sobre los temas esenciales de seguridad como la identificación de peligros y protección contra caídas, y obtenga la tarjeta de OSHA 10 en Construcción al completar el taller.

El taller no tiene costo e incluye snacks, un almuerzo liviano, la tarjeta de OSHA 10 y un estipendio de \$100 por participante.

Para participar, debe ser residente de la Ciudad de Boston.



Maverick Landing Community Services

Registrese aqui! bit.lv/iwc-osha10



A new Construction and Demolition Safety Ordinance went into effect in December 2023. Among other things, it requires that all construction sites in Boston larger than 50,000 square feet have a Site Safety Coordinate on site at all times that has at least 30 hours of OSHA training.

To work on publicly funded construction sites in Boston, all workers must have 10 hours of OSHA Training.

OLCWP offers FREE OSHA training to keep workers in Boston safe, and to ensure training is not a barrier to compliance or employment.

- 9 Free OSHA 10 in English, Spanish, Portuguese and Haitian Creole
- 8 Free OSHA-30 in English, Spanish and Portuguese.

Calendar is on our website boston.gov/construction-safety

Para preguntas envíe un mensaje a Francisca Sepulveda al (617) 505-8940 o francisca@masscosh.org

SAFETY: WEBINARS



WORKERS' RIGHTS WEBINARS

Boston workers, learn about your rights on the job and how to exercise them!

UBER AND LYFT WORKERS' RIGHTS YOUTH WORKERS' RIGHTS January 13, 2025 | 5:30 - 7 p.m.

HEALTH AND SAFETY February 24, 2025 | 5:30 - 7 p.m. April 24, 2025 | 5:30 - 7 p.m.

IMMIGRANT WORKERS' RIGHTS May 12, 2025 | 5:30 - 7 p.m.

DISCRIMINATION AND HARASSMENT DOMESTIC WORKERS' RIGHTS March 10, 2025 | 5:30 - 7 p.m.

June 16, 2025 | 5:30 - 7 p.m.

Register at boston.gov/labor-policy

To request interpretation, email workers@boston.gov.



- Webinars are focused on specific issues, and targeted to specific groups of workers.
- Multilingual, depending on the needs of the registrants.
- Agendas include expert speakers as well as City of Boston partners to give participants information, and access to resources.



SAFETY: WORKERS' RIGHTS CLINICS



WORKERS' RGHTS CLINICS

Boston Workers! Do you have questions about your rights on the job? Do you have a workplace issue and want to take action?

Attend a Workers' Rights Clinic to get your questions answered by experts, get referrals, and access community and legal resources.

East Boston Library | 4-6 p.m. 365 Bremen Street, East Boston, MA 02128



VietAid | 5-7 p.m. 42 Charles Street, Dorchester, MA 02122



Brazilian Worker Center | 5-7 p.m. 14 Harvard Avenue, #2, Allston, MA 0

Now online!



Josiah Quincy Upper School | 5-7 p.m. 900 Washington Street, Boston, MA 02111



Bruce C. Bolling Building | 5-7 p.m. 2300 Washington Street, Roxbury, MA 02119

Register at boston.gov/labor-policy

To request interpretation at no cost, email workers@boston.gov two weeks before the event.



- Government agencies like the AGO's Fair Labor Division, MCAD, and the DOL attend.
- Resource partners like Greater Boston Legal Services, Fair Employment Project Justice at Work.
- City of Boston partners like MOIA, MOLA and MOWA.
- Last year more than 40 cases of wage theft and other labor violations were opened.



Sidewalk & Curb Ramp Access Must be Maintained During Construction

Temporary Accessible Routes:

- If your job is going to block the sidewalk, you are required to create a temporary accessible route
- All temporary routes must have compliant ramps for any changes in level (sidewalk to the street)
- All barricades must have a lower rail that is cane detectable for blind people using white canes
- Best Practice is not to close down the whole block unless it is absolutely necessary for the job
 - If it is necessary to close the whole block, place clear signage at both ends of the block

Curb Ramps & Crosswalks:

- An accessible route must be maintained along the sidewalk to the corner curb ramp
- Do not block corner curb ramps with barricades or construction materials
- Do not block access to traffic signal controls for people in wheelchairs or scooters

Temporary Patches & Plates:

- All asphalt patches and steel plates need to be smooth, level, and accessible
- Patches should be replaced with a compliant sidewalk in timely manner



HP-DV Parking & Transit Access Must be Maintained During Construction

On-Street HP-DV Parking Spaces:

- Be sure to check for any HP-DV spaces that are located within your scope of work area
- State law requires that any HP-DV parking spaces that are blocked by construction must be relocated nearby and put back to their original location when your job is finished
- You must notify us if your work is going to block access to any on-street HP-DV parking spaces
 - This HP-DV Parking Space Relocation Form must be filled out and submitted to our office: <u>APS Relocation Form FINAL 02.10.2020.pdf</u> or email <u>disability@boston.gov</u> (we ask for 2 weeks notice)
- Please use this map of HP-DV spaces downtown and in commercial areas as a resource:
 https://boston.maps.arcgis.com/apps/instant/basic/index.html?appid=7bdc2fbc3dfb4ef18890b3516bc443be

MBTA Bus Stops:

- Be sure to check for any bus stops that are located within your scope of work area
- Notify the MBTA if any bus stops are being impacted and need to be temporarily relocated
- Relocated signs should be placed in an accessible area and put back to their original location



Best Practices



Compliant Temporary Ramp



Compliant Barriers that have a lower rail for cane detection



Things NOT to Do:



No barriers or detour signage at construction site



Barrels blocking the ramp and no wheelchair accessible detour around the construction site



Things NOT to Do:



No ramp or signage for pedestrian detour



Dumpster occupying HP-DV Space without relocating the space & moving signage



Pedestrian Facilities in the Public Right of Way (PROWAG)

Congress, in enacting ADA included instructions for the creation of accessible design. In **2010** accessibility guidelines for buildings and facilities were set forth, and nearly **fifteen years later** released a guidance document for the pedestrian right of way.

The City is very excited to adopt PROWAG effective this construction season!!



Pedestrian Facilities in the Public Right of Way (PROWAG)

- Yellow
- Cast Iron Panels
- Placed across the ENTIRE flush surface
- Minimum of 4 ft wide



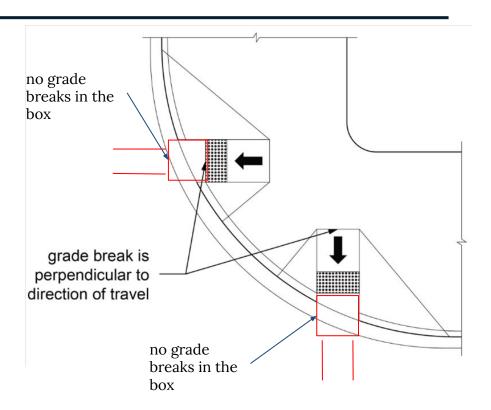


Grades breaks should be clear

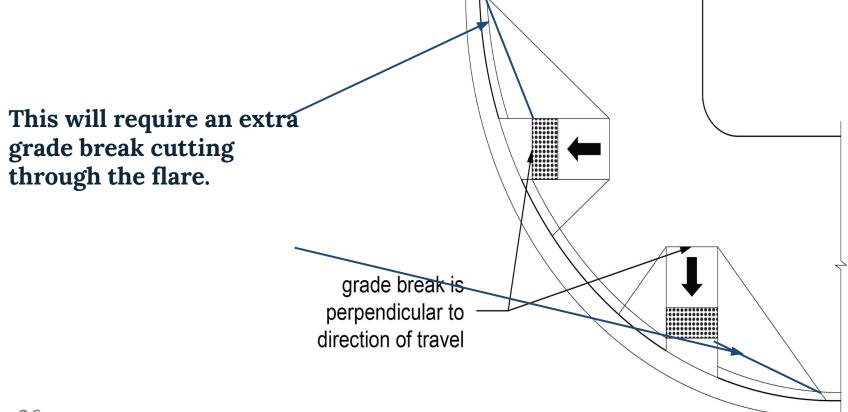
• The top and bottom grade breaks should be perpendicular to the path of travel/crosswalk.

The slopes of the red boxes should be

- Consistent;
- No grade breaks;
- Slopes under 5%* in the direction of travel.





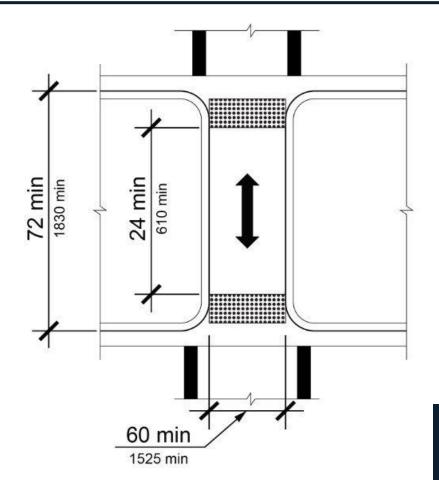




Pass-Throughs and Median Islands

When they are 6+ ft curb to curb

- Minimum of 5 ft wide
- Cast Iron tactile panels
- Running slopes under 5%





Pavement Matters,







Key Takeaways

- Cast Iron Panels
- Pave Properly
- Clean Grade Breaks





NOTIFICATION: BOSTON 311

- The 311 Constituent Service Center is open 24 hours a day, seven days a week, 365 days a year.
- If 311 reaches out to your company, the PWD/BTD expects your company to respond in the time given
- Examples of critical outreach that need immediate response:
 - Odor of gas, wires down, manhole covers smoking, construction complaints after-hours, construction zones left unsafe or messy
- Remember 311 takes a lot of calls/online entries directly related to your construction work
 - Often times they may come in anonymously
- They literally work around the clock every single day of the year **Please show them the respect and courtesy they deserve**



NOTIFICATION: CONTRACTOR COMPLAINTS

311 Contractor Complaints by Channel (March 2024-March 2025)

Channel	Construction Complaint on Public Property
Mobile Request	979
Constituent Call	816
Employee Generated	582
City Worker App	30
Self Service	5
Total	2,412



NOTIFICATION: COMPLAINT LOCATIONS

311 Top Service Locations (March 2024-March 2025)

Location	Construction Complaint on Public Property
61 Brookline Ave, Boston, MA 02215	11
64-76 Brookline Ave, Boston, MA 02215	10
73 Falcon St, East Boston, MA 02128	9
INTERSECTION of E Berkeley St & Harrison Ave, Roxbury, MA	8
INTERSECTION of Elmhurst St & Norfolk St, Dorchester, MA	8
9 Arlington St, Boston, MA 02116	6
190-190A Salem St, Boston, MA 02113	6
108 Norfolk St, Dorchester, MA 02124	6

Location	Low Hanging/ Downed Wires
INTERSECTION of Carruth St & Van Winkle St, Dorchester, MA	4
INTERSECTION of Haslet St & Pinehurst St, Roslindale, MA	4
[NULL]	4
INTERSECTION of Everett St & Elm St, Dorchester, MA	3
90 Antwerp St, Brighton, MA 02135	3
INTERSECTION of Sherbrook St & Dent St, West Roxbury, MA	3
INTERSECTION of Ansonia Rd & Discounting Rd & Royal National Rd & Royal Royal Rd & Royal Rd & Royal Rd & Rd	3
INTERSECTION of Ashland St & Dorchester, MA	3
53 Montvale St, Roslindale, MA 02131	3
6-8 Southview St, Dorchester, MA 02125	3
725 E Third St, South Boston, MA 02127	3
46 Eastwood Cirt, West Roxbury, MA 02132	3
34 Evergreen St, Jamaica Plain, MA 02130	3
165 South St, Jamaica Plain, MA 02130	3
108 G St, South Boston, MA 02127	3
103 Hooker St, Allston, MA 02134	3
15 Bayswater St, East Boston, MA 02128	3
1 O'Donnell Ter, Dorchester, MA 02122	3
153-155 W Sixth St, South Boston, MA 02127	3

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NOTIFICATION: COMPLAINT MONTHS

Contractor Complaints by Month (March 2024-March 2025)

Month	Construction Complaint on Public Property
Mar 2024	136
Apr 2024	117
May 2024	181
Jun 2024	238
Jul 2024	205
Aug 2024	225
Sep 2024	242
Oct 2024	251
Nov 2024	144
Dec 2024	185
Jan 2025	134
Feb 2025	189
Mar 1 - 24, 2025	165
Total	2,412



NOTIFICATION: COMPLAINT NEIGHBORHOODS

Contractor Complaints by Neighborhood (March 2024-March 2025)

Neighborhood	Construction Complaint on Public Property
Dorchester	385
South Boston / South Boston Waterfront	267
Roxbury	184
Charlestown	149
East Boston	145
Downtown / Financial District	143
Jamaica Plain	130
Allston / Brighton	124
South End	122
Back Bay	112
Boston	104
Hyde Park	95
Roslindale	84

Neighborhood	Construction Complaint on Public Property
West Roxbury	80
Greater Mattapan	68
Beacon Hill	54
Fenway / Kenmore / Audubon Circle / Longwood	54
South Boston	43
[NULL]	22
Mission Hill	21
Allston	15
Brighton	7
Mattapan	4
Total	2,412



NOTIFICATION: MAJOR PROJECT PROCEDURES

- Utility major projects take months, or even years, to plan. For that reason it should not be a burden for any utility company to provide adequate advanced notice to the surrounding affected residents and businesses regarding these projects.
- All Permittees are required to contact the Office of Neighborhood Services (ONS) **30** days in advance of major work.
 - ONS will determine whether or not a Community meeting will be necessary before the project is approved.
- All Permittees must contact the BTD a <u>minimum</u> of **30** days in advance of major work (as determined by BTD).
 - Permittees must have their Traffic Management Plan in place for review and approval before obtaining permission to work by the PWD.

NOTIFICATION: BE MINDFUL OF DAILY CITY SERVICES TRASH AND RECYCLING #1

- The City understands that your company has a job to perform, however throughout the entire project the crew should be mindful of the public.
 - Be aware of Trash and Recycling pickup schedules
 - Be aware of Street Sweeping efforts
 - Work with moving trucks and post delivery
- At all times crews should keep the street as fully functional as possible.
- Boston Groundwater Trust (BGwT)
- STREET SWEEPING https://www.cityofboston.gov/publicworks/sweeping/
- TRASH AND RECYCLING
- https://www.boston.gov/departments/public-works/trash-and-recycli

NOTIFICATION: KNOW THE SCHEDULE TRASH AND RECYCLING #2

- It is your responsibility to be aware of scheduled trash and recycling pickup days for the street you are working on.
 - Your crews must provide access for trash and recycling pickup
 - If your work prevents pickup, your crews must bring the trash and recycling to the nearest accessible curb for pickup
- Pickup schedules can be found on the City's web page:
 - http://www.cityofboston.gov/myneighborhood/
- Preventing access to trash and recycling pickup is a health and safety concern.



NOTIFICATION: HIGHWAY DIVISION

- The highway division like many of the major utilities work 24/7 365 days a year
- They have 10 District Yards throughout the City
- They are Public Works front line on many responsibilities and issues!
- Among many of their responsibilities, Highway cleans our streets, performs all snow related operations, repairs potholes, removes graffiti
- Sometimes Highway ends up patching out of necessity some of your castings or bad patches != Unacceptable
- On many occasions they are the personnel that may find issues related to your construction work...especially during off -hours
- Some of the issues may be emergency in nature
- All of the issues need a response right away

Please show them the respect and courtesy they deserve



RULES AND REGULATIONS

Permitting & CIU Inspections/Enforcement



RULES & REGS: BOSTON TRANSPORTATION DEPT

As part of your Traffic Management Plan (TMP) due diligence

- If your TMP indicates pavement marking damage... please note on permit request and ask for the BTD approved plans in advance so repairs are done per BTD specifications and according to BTD established timelines
- If your TMP indicates loop detector damage... please note on permit request and ask for the BTD approved plans in advance so repairs are done according to BTD specifications and in coordination with BTD and and BTD established timelines
- If your TMP indicates traffic signal conduit damage... please note on permit request and ask for the BTD approved plans in advance so repairs are done according to BTD specifications and in coordination with BTD and BTD established timelines
- If your TMP indicates parking meter(s) needing to be removed ... please note on permit request and ask for the BTD approved protocols



RULES & REGS: OCCUPANCY PERMIT PROTOCOL

- Occupancy work affects traffic flow and BTD needs to know where every crew is while working in the City
- Posting and notification requirements must be followed
- Permittees need to pull an individual permit for each location unless otherwise approved by BTD and Public Works.
- You need to notify the City 48 hours prior to the start of work using the City of Boston PWD Street Construction Notifications App
- All the information must be correct including the name of the streets
- The City reserves the right to hold up Occupancy permits if you are not following our requirements



RULES & REGS: APPLYING FOR A PERMIT

- All permit requests are done online using the PWD INFOR portal
- Please make sure that all required documents to apply for a permit are up to date
 - Examples: Bond, Mattocks-Higgins Safety Affidavit, trench permit, hoisting license, your BWSC street numbering form and sidewalk deposit, etc.
- Apply a minimum of 7 days in advance of your estimated start date
- For extensions, ensure that you apply a minimum of 7 days in advance so that you can continue working seamlessly
- BTD and Public Works work tirelessly to issue thousands of permits each year
 - You must adhere to any request(s) changes regarding your permit application
 - Without the hard-working personnel of the permit branches, you wouldn't be out in the streets working in a timely manner
 - Please show them the respect and courtesy they deserve



RULES & REGS: SAFETY AFFIDAVIT REQUIREMENT

- Before being issued a 2025 construction season permit, all permittees must fill out a new affidavit for the year (even if you have already filled one out, we need an updated one for this year (2025).
- Note: You are required to fill out an updated Mattocks-Higgins Safety Affidavit any time you receive a OSHA violation, before applying for a permit.
 - (<a href="https://www.boston.gov/departments/public-works/affidavit-licen.gov/departments/go
- The Commissioner, or designee, shall have the discretion to issue a stop work order for any open permits and/or deny the issuance of a permit due to failure to disclose any and all OSHA violations or demonstrated history of unsafe, hazardous or dangerous practices.



RULES & REGS: SIDEWALK DEPOSIT REQUIREMENTS

The City requires a sidewalk deposit and permit when a construction job may impact a sidewalk. This may take place through staging, occupation, utility work, new construction, renovation, or demolition

- In the past, the City had to pay to repair sidewalks broken and damaged during construction.
- Sidewalk deposits ensure that if a sidewalk is built incorrectly, the City has the funds to make the repairs. Once a contractor or homeowner finishes their work and rebuilds the sidewalk, the City inspects it. If a sidewalk passes inspection, we refund the deposit, minus the administrative fees.
- Permittees applying for a sidewalk deposit and subsequently requesting an inspection for the return of your sidewalk deposit collected by the Public Works Permit branch can now perform these tasks using our online portal.
 https://www.boston.gov/departments/public-works/sidewalk-deposits
- You can also check the status of your request using the online portal.
- Remember you are required to notify the City 48 hours before starting your permanent 45 sidewalk restoration work by using PWD Street Construction notification app



RULES & REGS: LEAFLETING & POSTING PROCEDURES

- All Permittees must leaflet affected streets a minimum of 72 hours before the start of any construction.
- Postings must be placed 48 hours in advance of work, clearly visible to vehicular and pedestrian traffic.
- Crews must remove signs after work is completed.
- The City has received numerous complaints regarding inadequate postings:
 - Missing dates or Per Numbers, illegible signs, posting beyond work limits, and crews not showing up on posted dates
- Understanding the project is ultimately good for the neighborhood, still it is an inconvenience and accurate posting will go a long way in making the job smoother for everybody.



RULES & REGS: COBUCS REQUIREMENTS & CONFLICTS

- It is the City's expectation that all Utilities enter their two-year capital plans for work in COBUCS (https://pwdapps.cityofboston.gov/cobucs/).
- It is the Permittee's responsibility to enter planned work into COBUCS, but the City will make all final decisions on when work may take place.
- No excavation permits will be issued without a COBUCS number.
- Email the City within 24 hours of a conflict.
 - Paving conflicts: pavingconflict@boston.gov
 - Special event conflicts: specialeventconflict@boston.gov
 - Guaranteed Street conflicts: guaranteedstreetconflict@boston.gov
 - To inquire if your conflict has been approved: conflictapproval@boston.gov
- When notified of a conflict with a City project, you must perform the work within the City's
 specified timeline.



RULES & REGS: BACK TO BASICS IN 2025

CONSTRUCTION PRACTICES NEED TO IMPROVE

Below are some phases of construction that need attention:

- Work zones need to be delineated, safe, and swept clean at all times.
- The required signage/postings should be legible and accurate.
- Plating practices, backfilling, paving, and bad patch/trench/casting repair practices must comply with our rules at all times.
- Sidewalks must be restored to City specifications at all times.

The City expects to see improvements in 2025



RULES & REGS: LAST SEASON'S BAD PATCHES AND CASTINGS

No permits will be issued if your failed patches and castings from the 2024 construction season are not repaired by May 15th

- For bad patches, we have been sending weekly emails to utility companies and private contractors all winter long. For bad castings, we have been sending a daily email to the major utility companies.
- For those with a large amount of bad patch & casting locations, if you allocate enough resources to repair them simultaneously while excavating new work, the CIU may allow you to continue your work past May 15th.
- For patches & castings from Mass Ave. in, the May 15th deadline may not apply based on possibility of the permit restrictions (weekend or night work).



RULES & REGS: PATCHING REPAIR RESPONSE TIMES

• Bad patch locations will be emailed to the permittee from the field & sent in a weekly newsletter

Bad Patch Type	Response Time
Public Safety (Shifted Plate, Patch Down 6", etc)	Protection site within 1 Hour ; Mobilize crew for repair within 3 Hours
2" or Greater Settled	Must repair within 2 business days of notification unless otherwise authorized
Less than 2" Settled	Within 7-13 Days of notification unless otherwise authorized
Permanent Sidewalk Repair	Return to existing within 60 Days after initial repair unless otherwise authorized (Alternative - PWD will allow Repairs by Neighborhood = Increases production)
Pavement Marking/Loop Detectors	Within 3 Days of notification unless otherwise authorized

Failure to address bad patches will result in suspension of permits.



RULES & REGS: PATCHING SINKHOLE GUIDELINES

- If a sinkhole develops **within 30 inches of a casting** belonging to a Permittee and testing determines that there is no undermining of the sub-base from underground leaks, that Permittee will be responsible for repairing the sinkhole (per City Ordinance 11-6.20).
- On excavations:
 - Less than 3 years old the identified Permittee will responsible for all necessary repairs
 - Over 3 years old
 - The City will responsible for all necessary repairs
 - If the City determines through testing or other means that a particular permittee is responsible, then that **permittee will be responsible** to make all necessary repairs



RULES & REGS: CASTING REPAIR RESPONSE TIMES

Erosion Repairs	Response Time
Public Safety - Erosion	Temp Repair within 3 Hours Perm Repair within 14 Days
Non Public Safety - Erosion	IP and 1's Temp Patch within 1 Business Day unless otherwise authorized 2's & 3's Temp Patch within 2 Business Days unless otherwise authorized Perm Repair within 14 Days unless otherwise authorized
Adjustment Repairs	Response Time
Public Safety - Adjustment Non Public Safety - Adjustment of 2+"	Make Safe within 3 Hours Repair within 48 Hours Make Safe within 24 Hours Repair within 7 Days unless otherwise
Non Public Safety - Adjustment under 2"	authorized Repair within 30-60 Days unless otherwise authorized

Failure to address bad castings will result in suspension of permits.



RULES & REGS: SIDEWALK REPAIR

- The City is issuing special permits for sidewalk repairs from Apr 1-Dec 15.
- Permanent repairs are to be made within 60 days of temporary repair unless otherwise authorized.
 - Edgestone to be reset within area of repair & entire flag must be replaced
 - If any portion of an existing pedestrian ramp is disturbed by construction,
 Permittee shall be required to reconstruct the ramp to current ADA/AAB/PROWAG regulations
- Utilities must maintain database of sidewalk restoration locations.

Failure to restore sidewalks will result in suspension of permits.



RULES & REGS: RESTORATION

Traffic signal conduit

- To avoid striking BTD conduits, please contact BTD to request plans.
- Any contractor who strikes or damages BTD Traffic Signal Conduit must immediately contact BTD.
- The excavation must not be closed until a BTD inspector has assessed the situation.
- Any damage that is discovered by the BTD after the Contractor has left the location shall be the responsibility of that Contractor for repair.

Loop detectors

- You must contact BTD ASAP once a loop is damaged.
- The City will send you an email that will include the plan to restore along with a vendor list.
- You need to restore the loops in the timelines established by BTD (72 hours).

• Bike infrastructure: Flexposts & BlueBikes

- Flexposts should be removed and securely stored during construction. Upon project completion, functional and undamaged posts can be re-installed (damaged ones must be replaced). Your company is responsible to track all flexposts needing replacement.
- We need 4 weeks notice to move or remove a BlueBikes station (<u>bikeshare@boston.gov</u>). Do not remove yourself. There is a cost for removal and restoration.

• Bus lanes and bus stops

Pavement markings - including <u>bus stop boxes</u>, "BUS ONLY" and similar lettering, and <u>red paint for bus lanes</u> - when disturbed, MUST be repainted with correct paint.

We will hold permits if you are not restoring in a timely manner.



RULES & REGS: PRIVATE DEVELOPMENT RESTORATION

- Per the development agreement issued by the City's Planning Department, developers are responsible for abutting public right of way upgrades and repairs. Follow all City specifications when restoring the street or sidewalk.
- Email Public Works Associate Civil Engineer Bob Astrella at bob.astrella@boston.gov to determine the type of HMA formula to be used for the street you are restoring. In addition provide Bob a list of the approved HMA suppliers you plan on using. CC cmdoffice@boston.gov
- Email BTD approved lane marking and loop detector sketches at btdpermitbranch@boston.gov. CC cmdoffice@boston.gov.
- There will be a 3 year warranty imposed by PWD to repair any issues found by the Public Works engineers to City specifications.



RULES & REGS: GUARANTEED STREET CUTS

- A "Guaranteed Street" is a street that has been paved in the past five years (visible in COBUCS).
- All proposed non-emergency Guaranteed Street excavation work must be approved by the City first before Dig Safe can be called.
- All openings must be saw cut prior to asphalt placement.
- Vibratory roller must be used on all phases of patch/trench paving.
- All final patches must be of excellent quality.
- Dig Safe marking must be power-washed off after OK from Dig Safe or otherwise approved by PWD.
- Mandatory CIU inspections for all backfill and paving operations.



RULES & REGS: 90 DAY INSPECTION

- The CIU inspects excavation work a minimum of 90 days after the completion of construction work.
- If your patch remains smooth & level at least 90 days after your work is completed, it is not likely to settle (compaction is the key to having quality work).



RULES & REGS: SCHOOL ZONES & VOTING ZONES

- No non-emergency excavation or occupancy work can take place within 500' of a school zone during the school year.
 - If your company is unable to complete its project prior to the opening of the school season, you will be required to coordinate with the school's principal or Headmaster before it will be allowed to continue.
- No non emergency excavation or occupancy work can take place within 500' of a voting location during any election being held.



RULES & REGS: ENFORCEMENT

- The Permittee is required to acknowledge a violation via email within one hour of receipt.
- All violations could result in the shut down of the work site. Public safety violations will automatically result in a shut down of the work site.
- Your company needs to take all violations seriously: investigate why the violation happened and take measures to avoid it in the future. No improvement will result in a citywide non-emergency shutdown of permits.



WHEN IN DOUBT ABOUT **OUR RULES & REGS, CONSULT THE FIELD** SUPERVISOR'S **CHECKLIST!**

CITY of BOSTON

Field Supervisor's CheckList for Excavation (2025 Edition)

Note: All work MUST be performed in accordance with all governing laws and regulations. 1. Display Current Permit

	A hard copy of the: BPWD permit, Jackie's Law permit, and hoisting license must be displayed at the jobsite at all ti	mes.
	*Emergency permits may use electronic notifications.	
	Your company must notify the City using our online notification app 24 hours before the start of the excavation wor backfill and paving operations and within 24 hours of completion.	ĸ,
	*Backfilling and paving notifications may be coordinated with Public Works.	
	Crew must follow the BTD Traffic Management Approval Form (TMP).	
2.	abiding by Permit Restrictions	
	☐ TMP includes leafletting 72 hours in advance and Posting 48 hours before starting any work at any time.	
	Before starting your crew must have ground ID signs properly placed before work begins. 2 signs required for 2 way streets.	
	 Sidewalk closed signs must be placed at any time a sidewalk is obstructed; and at the nearest ramps on either end of construction site. (Approaching streets if needed) 	f the
	☐ Crew must maintain BTD traffic requirements including 2-way traffic where applicable.	
	☐ The required number of police details must be on site before any construction activity can take place.	
	☐ No stockpiling is allowed unless previously authorized by BTD and written on the BTD Traffic Management form.	
	The Crew must work within the hours specified by the BTD.	
	Utility Repair Tags must be installed during the final lift of HMA. The tag is compacted into the top course of the asp patch.	halt
	 Must be aware of all designated outdoor dining locations, and coordinate in advance any possible non-emergency w within an outdoor dining area (Still attempt on emergency work) 	ork
	Must abide by all Boston Parks and Recreation Rules including its tree protection and safety protocols.	
3.	afe Work Zone	
	Work zones must follow the TMP and be properly secured to restrict access to pedestrian and vehicular traffic befo starting work.	ne
Q.	Your Mattocks-Higgins Safety Affidavit must be accurate and up to date at all times.	
	Work zone must have approved barricades surrounding the excavation site, with proper cones, tape, and other devidelineating traffic. (No tape will be allowed around the open excavation unless otherwise authorized.) You need an upper and lower barricade around the excavation) When barricades are used within pedestrian areas, they must be compliant.	
	☐ Work zone must be swept clean at the end of every shift.	
	Any excavation five feet deep or greater or where sidewalls appear unstable must be properly shored.	
	Open excavations must never be left unattended (Jackie's Law).	
4.	suitable Reused & Recycled Gravel Material	
	□ To use existing material, it must first be tested and approved by BPWD Engineers.	
	Crews must never use unapproved existing material.	
5.	suitable New Gravel Material	
	 All new gravel material meeting MassDOT 1.03.1 specifications must be approved by BPWD. 	
	Crew is responsible for visual inspection of gravel from approved sources to verify it meets City specifications.	
	Material may not be wet, frozen, contain deleterious material, or contain stones greater than 3" diameter. You must	
	reject it.	
. Comp	cted in 6" Maximum Lifts - The PWD considers this the most important event during your construction work!	
	☐ The crew must compact gravel material with no greater than 6 inch lifts when using standard backfill equipment.	
	If using specialized backfill equipment you must first test the equipment and submit the testing results to PWD for approval. *No greater than 2 foot lifts for hoe packs.	
	On standard backfill equipment, the crew must perform 5-7 passes for each 6 inch lift.	
Contr	lled Density Fill (CDF)	
	☐ The use of CDF is not allowed unless your company has received written approval from the BPWD.	

☐ If the use of CDF is approved, the crew must wait a full 24 hours for the mix to set before continuing backfill and ☐ When using CDF, 24 inches or more of approved backfill material must provide a barrier between the CDF and the HMA

before paving.

■ Never should any roadway or sidewalk excavation be left in gravel for any period of time.

Absolutely no excavation should be left unattended at any point (Violation of Jackie's Law). If an excavation cannot be backfilled due to complicated work, the site must be fully secured with either plates or

☐ When using steel plates to secure a work site the plates must overlap the excavation by not less than 18 inches on all sides.

Unless recessed, all plates must have a 24 inch berm of HMA or cold patch on all driven sides, and 18 inches on

All plates should be properly shimmed pinned and welded where necessary to ensure no movement when driven over

☐ If plates must remain for three or more days, they must be recessed to the grade of the roadway unless otherwise Every steel plate used to secure an excavation must have the Permittee's name and emergency contact number

All plated locations must have "Caution Steel Plates Ahead" signs constructed with Retro Reflective Fluorescent

Orange material (Type 4) bracketed 6 feet height or greater on unobstructed poles or posts unless otherwise approved by BTD/BPWD.

□ Signs must be posted 200-300 feet in advance of steel plates being used, or as otherwise directed by BTD/BPWD. (2) Signs are required for 2 way streets/Depending on the location more signs may be needed per BTD/BPWD. If securing a roadway or sidewalk excavation with cold patch, the cold patch must be replaced with HMA within 48 hours.

☐ When patching a roadway or sidewalk the crew must place 2 even 1.5 inch lifts of approved HMA, each compacted

The crew must leave at least 1.5 inches of space to allow the top course; otherwise the patch will not compact properly

Final Paving Requirements

☐ The patch or trench must be cut rectangular or square in shape.

Pavement edges must be saw cut to a vertical face and cleaned of debris.

☐ Tack coats must be applied to the sidewalls of the existing roadway to allow the new HMA to adhere properly when

☐ Utility ID repair tags must be installed per PWD protocol.

11. Roadway Satisfactory Complete All asphalt patches or trenches must be adjacent to and smooth and level with the existing roadway grade. The patch must be two inches (2") or less, matching the existing roadway.

A party that installs a noncompliant patch will be added to the bad patch list.

12. Temp Sidewalk Complete All temporary asphalt patches or trenches must be adjacent to and smooth and level with, the existing sidewalk grade. Sidewalk patches must be constructed in accordance with PROWAG and City specifications.

Utility ID repair Tags must be installed in all asphalt sidewalk patches per PWD protocol. 13 Permanent Sidewalk Complete

Temporary sidewalk repairs must be permanently restored within 60 days unless otherwise authorized. □ The crew must monitor all concrete permanent repairs of sidewalks while setting to deter vandalism.

☐ Permanent repairs must be constructed in accordance with PROWAG and City specifications. 14. Pedestrian Ramp Compliant?

□ All ramps must be constructed in accordance with PROWAG.

15. Conduit and Loop Detectors Damages/Pavement Marking/ Flex Posts Restoration

 On damaged traffic conduit or wire loops you must notify BTD immediately (M-F 7am-7pm; Sat 9am-5pm 617-635-4430/Remaining hours 617-635-4500). You must maintain temporary pavement markings damaged by your construction and permanent pavement markings

must be restored per BTD specs after your work has been completed. Flex Posts protocols need to be followed during and after construction.

On damaged street lighting conduit you must notify the mayor's hotline immediately (M-F7am -Midnight 617-635-4500 as well as 617-635-5810/ remaining hours' mayor's hotline 617-635-4500 as well as 617-632-0063)

Page 2/2



UTILITIES RULES & REGS: STREET LIGHTING CONDUIT

Any contractor who accidentally strikes or damages a street lighting conduit must immediately contact the Street Lighting Section.

- Monday 7am to Saturday 7am please call 311 (617-635-4500) or open a case with the 311 app AND call 617-635-5810.
- Saturday 7am to Monday 7am please call 311 (617-635-4500) or open a case with the 311 app AND call the Street Lighting On Call Phone 617-592-0063
- You must not close the excavation until an inspector has reviewed the conduit. An Inspector will be sent to the site to identify the line that was damaged.
- Minor damage shall be repaired by the lighting section.
- Major damage shall be repaired by the contractor. The contractor you hire to repair the City's street lighting conduit needs to have experience in electrical conduit work.
- The conduit must be inspected by the Street Lighting Section prior to backfilling at no cost to the City of Boston.

UTILITIES RULES & REGS: STREET LIGHTING CONDUIT

Any damage that is discovered by the street lighting section after the Contractor has left the location shall be the responsibility of that Contractor for repair.

- The Street Lighting Section shall bill the appropriate Contractor for all work necessary for the repair and/or replacement of conduit and cables.
- It is to the Contractors benefit to notify the Street Lighting Section of any damage.
- Damage to conduits and cables could potentially cause stray voltage which could harm the General Public.
- We will thoroughly investigate any incident; and if a Contractor is responsible for the stray voltage, they will be held liable for any and all damage (property as well as personal) sustained by creating this situation.
- Any Permittee who strikes or damages a street lighting conduit and does not follow our
 protocol will have that job shut down with the possibility of all active work suspended and
 new permit requests put on hold.

Please contact us immediately if you notice any street light outages

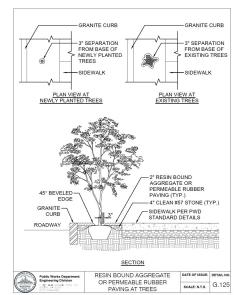


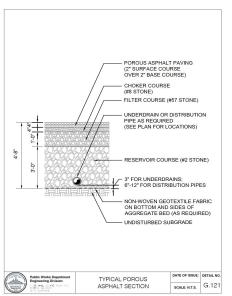
Green Infrastructure ("GI") uses plants, soil and other natural materials to mimic or restore the natural water cycle. GI can capture, purify, store and infiltrate stormwater back into the ground.

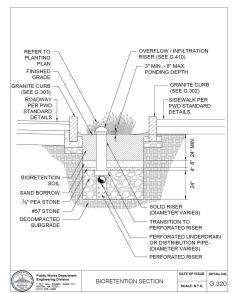


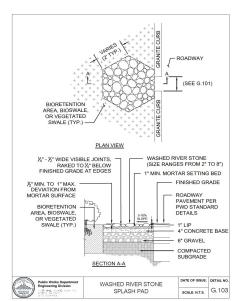
UTILITIES RULES & REGS: GREEN INFRASTRUCTURE

- Accelerated installation of green infrastructure (GI) throughout the city
 - o The City has released GI ROW Standard Details and Special Provisions
- Increasingly likely that you will encounter green infrastructure in the ROW
 - Questions? Contact the Office of Green Infrastructure (<u>green.infrastructure@boston.gov</u>)









UTILITIES RULES & REGS: GREEN INFRASTRUCTURE

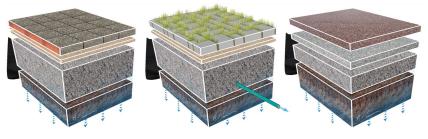






Tree Pit/Tree Trench

Porous Paving Materials









Boston Groundwater Trust (BGwT)

- BGwT Groundwater Observation Wells in Sidewalk
- 800 wells in Lower Beacon Hill, Back Bay, South End, Fenway, North End, Bulfinch Triangle, Fort Point Channel, Chinatown, Leather District, Central Waterfront, & East Boston Neighborhoods
- Over 800 wells throughout the City
- Preserve like any other utility roadway box
- If damaged or destroyed cost is \$5,000 to replace

Christian Simonelli, Executive Director csimonelli@bgwt.org
bostongroundwater.org
617.859.8439 office
617.913.0712 cell



Boston Groundwater Trust (BGwT)

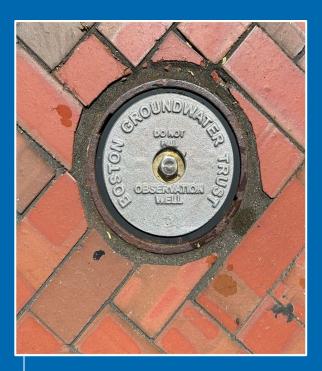
Typical Observation Well







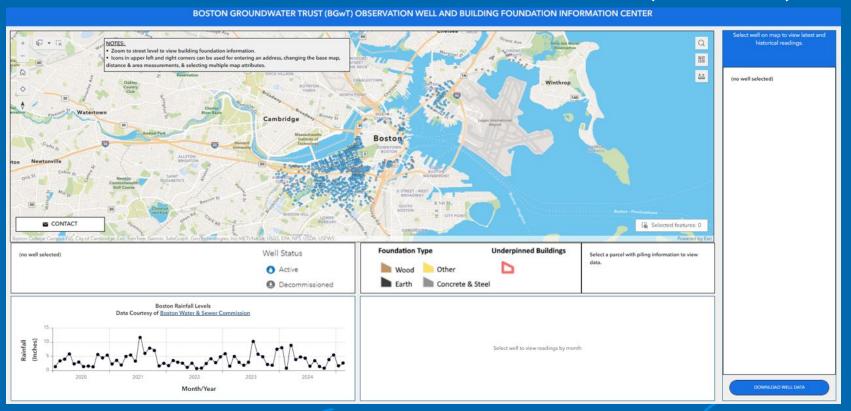
Boston Groundwater Trust (BGwT)





- Some wells have remote reading devices
- If damaged or destroyed cost is \$2,500 to replace

Boston Groundwater Trust (BGwT)



https://www.bostongroundwater.org/groundwater-building-foundation-data



Pipe-Type Cable (PTC)



- ☐ PTC (Pipe Type Cable) is our most critical underground

 Marsh 121 2025
- □ Voltage ranges from 115kV to 345kV
- ☐ Steel Pipes, 6-10" in diameter, filled with cable and high-pressure oil
- MUST USE VACUUM EXCAVATION OR SOFT TOOLS WHEN WORKING NEAR PIPE TYPE CABLE

EVERSURCE



Primary Ductbanks



- Primary conduit is commonly concrete encased
- Conduit is typically PVC in newer construction but in older systems fiber and clay duct were commonly used
- Never chip an Eversource ductbank.



Primary Ductbanks







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Primary Ductbanks

EVERSURCE

- Primary conduit is commonly concrete encased
- Conduit is typically PVC in newer construction but in older systems fiber and clay duct were commonly used
- Never chip an Eversource ductbank.



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Castings Adjusted / Ductbank Chipped

EVERSURCE

- If Eversource castings need to be adjusted because of paving or some other reason please call and leave a message on our Conduit Inspection Line @ 617-541-7071. We will send an inspector out and we can assist you.
- Never chip an Eversource ductbank. This is extremely dangerous and not authorized. If you need a ductbank chipped, call and leave a message on our Conduit Inspection Line @ 617-541-7071. We will send an inspector out to analyze the situation and we can schedule authorized chipping.





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EVERSURCE

Conduit Inspection Line 617-541-7071

Nationalgrid



Preventing Damages

- It's smart, it's free, it's the law!
- To protect public safety preserve life and property
- To protect you
- To keep your projects from unplanned and costly
- interruptions



| Emergency Response Plan

Call Dig Safe before you dig!

Call Dig Safe 811 or 1-888-DIG-SAFE before you dig and follow safe digging practices to prevent damages – phone call or mobile app

 Massachusetts: State law requires you give at least 72 hours notice in Massachusetts and Rhode Island - not including weekends and legal holidays.



- Excavator must pre-mark excavation area
- ✓ Wait for utilities to mark out
- ✓ Use safe digging practices:
 - Read the marks
 - Ask questions
 - Maintain marks
 - Hand dig where required

www.digsafe.com

Before You Dig

- Premark the Site.
- Inform 811.
- Have a valid Dig Safe Ticket.
- Wait for the ticket to be legal before excavation begins (72 hours).
- Ensure the area of excavation is clearly listed on the ticket along with the excavators(s).
- Reminder: Dig Safe tickets are valid for 30 days.







During Excavation

- Maintain the marks.
- If marks become faded or destroyed, renotify 811.
- If the scope of work or job changes, call in a new Dig Safe ticket.
- Allow 18 inches plus half diameter of the pipe - each side of the pipe and hand dig in the Safety Zone.
- When in doubt, contact the local National Grid representative.



ngridsafety.com/utility -safety-course



Natural gas safety course for excavators

Earn a certificate demonstrating your knowledge of utility safety for natural gas.

Developed with the assistance of local excavators and safety professionals, National Grid offers a self-directed, interactive online safety program that provides workers and supervisors with the information they need to dig safety around natural gas pipelines.

This entirely web-based e-learning program includes a series of educational modules that you can complete at your own pace. These are followed by online interactive exams that test your understanding of the safety materials. If you were to take the course in one sitting, it should take about two and half hours.

Successfully complete the online safety program and receive your personalized Certificate of Completion.



The safety modules include:

- · Module 1: Personal safety
- . Module 2: Partnering with 811
- Module 3: Respect the marks and dig with care
- . Module 4: Responding to utility contacts



<u>DPU Regulatory Requirements</u>

- Emergency Ticket Response Time Emergency Dig Safe Ticket response time has been changed from 5 hours to 3 hours.
- Dig Safe Ticket Life A Dig Safe Ticket is now only good for 30 days…no longer good for life of project

Excavator Responsibilities Per DPU

- When an excavator causes any damage to an underground facility, the excavator shall:
- 1. Call 911 immediately, if the damage results in the escape of any regulated, natural or other gas
- 2. Evacuate nearby structures if necessary
- 3. Report the damage to the facility owner or operator at the earliest practical moment following discovery of the damage
- 4. Attempt no repairs, unless directed to by the facility owner or operator

Encroachments

- Cast Iron pipe (8-inch and smaller) is susceptible to failure when in the proximity of third-party excavation activities.
- Inspection, Education and Prevention for crews and public safety around live gas work.
- Remediation of encroachments.
- When in doubt, contact the local National Grid representative.



Emergency Gas Leak 1 800 233 5325



CITY of BOSTON



BOSTON PUBLIC WORKS DEPARTMENT 24 HOUR EMERGENCY # FOR MAJOR UTILITY COMPANIES

AS OF MARCH 24TH, 2025

A0 01 MARCH 2411, 2020				
Company Name	24 Hr Emergency Number	Back-Up	Notes	
BWSC	(617) 989-7000			
COMCAST	(877) 359-1821 Option #4	(800) 556-9979 - Option 4	Follow the prompts	
EVERSOURCE ELECTRIC	(800) 592-2000	For overhead issues/ Ask for Overhead on call supervisors #	For Underground issues/ Ask for Conduit on call supervisors	
EVERSOURCE GAS	(508) 305-7171	(800) 592-2000		
МВТА	(617) 222-5546			
MBTA (Manhole Issues)	(617) 222-5065		Call only from 6:00am to 2:00pm	
MWRA	(617) 305-5950			
MASSDOT HWY OPS CENTER	(617) 946-3150			
NATIONAL GRID	(877) 304-1203	(877) 304-1148		
VERIZON	(800) 446-8946			
VICINITY ENERGY	(617) 482-8232	(866) 946-4664		





CITY of BOSTON



BOSTON PUBLIC WORKS DEPARTMENT 24 HOUR EMERGENCY # FOR MAJOR UTILITY COMPANIES

AT&T / TCG	1-800- 622-7378 Prompt #2	Anne Marie Paradiso (617) 224-8477	Dean Hager: (603) 785-0187
CAMBRIDGE NETWORK SOLUTIONS/LIGHTPATH	1-800-214-9460	Jeff Harrington: (617) 999-5371	
CROWN CASTLE	1-978-268-9365 Option 2	(888) 632-0931 - Option 1/ Small cell back up	
EXTENET	(866) 892-5327 - Option 2	Chad Wagner (617) 529-0973	
FIRST LIGHT	(855) 293-0779		
LEVEL 3	(617) 429-3847/ Ben Whitiker	(978) 319-7816/ Mike Lugo	1-508-304-4723
LIGHTOWER	1-978-268-9365		OWNED BY CROWN CASTLE
RCN/ASTOUND	1-888-972-6622 OPTION 1	Ken Bates 1-617-293-0201	
TC SYSTEMS	1-770-929-4870	Dean Hager 1-603-785-0187	RECOMMEND BACK UP FIRST
VERIZON BUISNESS	1-800-624-9675 Option #4	Steve Parretti 1-508-892-3381	OWNS= ATS/BLTWA/PTC/MCI/MFS MCCOURT/VERIZON BUISNESS/WESTERN UNION MANHOLES
VERIZON WIRELESS/SCG	1-800-852-2671 OPTION 4		
ZAYO GROUP	1-866-236-2824 OPTION 1/OPTION 3	Rich Moran 1-978-844-7525 Chris Cramer1-860-933-9123 /	NEW NUMBER UP TO 15 MIN WAIT PERIOD/ RECOMMEND CALL BACK UPS FIRST



WRAP UP: WINTER MORATORIUM

- Generally extends from Nov. 15-Apr. 15
- Materials & workmanship affected negatively by cold weather
- All permits must be approved by Moratorium Board
- Plated locations hazard to City plowing efforts
- All unacceptable winter moratorium work must be repaired within the City's timelines unless otherwise authorized





WRAP UP: FINAL THOUGHTS

- Construction in the public right of way is important to Boston's future.
- Upgrade, repair, and maintenance must be performed in a professional manner.
- Teamwork is critical in realizing our shared goal of superior infrastructure for Boston's citizens.

SEE YOU OUT ON THE STREETS!





Mayor Michelle Wu, City of Boston

Jascha Franklin-Hodge, Chief of Streets, Transportation and Sanitation Julia Campbell, Deputy Chief of Streets for Infrastructur<u>e</u> and <u>Design PWD</u>

Norman Parks, Chief Engineer PWD

Jami Clemente, Supervisor of Utility Compliance and Coordination

Michael Brohel Superintendent of Basic City Services

Cathy Garcia, Manager, Permits Division PWD

Danny Nee Superintendent of Street Operations PWD

Dion Irish, Chief of Operations

Nick Gove, Commissioner of Transportation

Kristen McCosh, Commissioner for the Office of Persons with Disabilities

Dolores Carbona, Sr. ADA Manager

Brianna Millor, Chief of Community Engagement

Irgisola Budo, Director Bos:311

Beata Colyoyn, Executive Director of Neighborhood Services

Kate England, Director of the Office of Green Infrastructure

Jodi Sugerman-Brozan, Deputy Chief, Worker Empowerment

Ed Hesford, Chief Engineer BTD

Michael Donaghy, Superintendent of Street Lightning

Dennis Roache, Superintendent of Waste Reduction

Paul J. Taylor, Director of Technology, Streets Cabinet

Michael Somers Senior Civil Engineer CIU

Troy Harris, CIU Chief Inspector

Dave Harris, CIU Chief Inspector

CIU: Construction Inspection Unit

Mark Cardarelli, PWD Consultant

Jen Rowe, John Monacelli Streets

Allie Rowe, Office of Green Infrastructure

Streets Infrastructure & Design: Maddie Webster, Jake Berman

E

WELCOME BOSTON UTILITIES & CONTRACTORS

Utility Construction is a Demanding & Difficult Job!

- Dependable utility service is crucial to the quality of life and the growth of the Boston economy.
- Repairs & upgrades are a fact of life.
- Roadway layout & Subsurface conditions complicate work





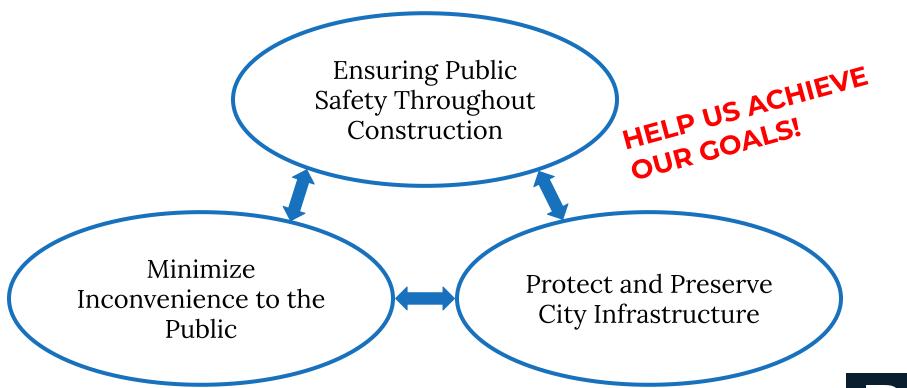








INTROS: THE CITY'S RESPONSIBILITIES





INTROS: PERMITTEE'S RESPONSIBILITY

Be a good temporary neighbor!







Preserving the Quality & Ensuring Safety on our Right-Of-Ways



RULES & REGS: PERMIT REQUIREMENTS WHILE WORKING

All work (during your entire time working including for both on and off hours) must be conducted in strict accordance with the latest regulations of:

- The Occupational Safety and Health Administration (OSHA)
- Americans with Disabilities Act (ADA)
- Pedestrian Facilities in the Public Right of Way (PROWAG)
- The Massachusetts Architectural Access Board (MAAB)
- MassDOT
- The Department of Public Utilities (DPU)



RULES & REGS: PWD NOTIFICATION REQUIREMENTS

- At least 24 hours before starting excavation and occupancy permitted work via the PWD Street Construction Notification App.
- Within 1 hour of declaring an emergency
- A minimum of 1 hour before starting backfilling operations
- A minimum of 1 hour before starting paving operations
- Within 1 business day of when a job is completed



RULES & REGS: REPORT CARDS ARE COMING BACK!

- By compiling all of the Construction Inspection Unit's inspection findings in the field, PWD created a rating system for each Permittee's construction practices.
- For many years, the CIU sent out weekly report cards to the major utilities. It was an important tool used by the utility companies to improve their construction practices.
- Later this season, we finally feel confident that we will be able to send out report cards to the major utilities either on a monthly or bimonthly basis with the goal of weekly reports cards. We will eventually include the major private contractors as well.

