City of Bristol
Board of Public Works

INFORMATION TO ACCESS THIS MEETING
Public Works is inviting you to a scheduled Zoom meeting.
Public Works is inviting you to a scheduled Zoom meeting.

Topic: Board of Public Works
Time: Nov 20, 2025 06:00 PM Eastern Time (US and Canada)

Public Works is inviting you to a scheduled Zoom meeting.

Topic: Board of Public Works
Time: Nov 20, 2025 06:00 PM Eastern Time (US and Canada)
Join Zoom Meeting
https://bristolct-gov.zoom.us/j/88600228916?pwd=bqiS4i08ZmynEJ2NkaeDglsMxaY5Md.1

Meeting ID: 886 0022 8916
Passcode: 618994

The regular Board of Public Works Meeting will be held on November 20, 2025 at 6:00 p.m. in City Hall Council Chambers, 111 North Main Street, Bristol, Connecticut.

AGENDA

1. Call to Order
2. Approval of Minutes
    a. Draft Minutes
3. Public Participation
4. Employee Recognition
    a. Employee Anniversaries

5. Division Reports
    a. Division Reports
6. Project Lists
    a. BldgComm Project List
7. Director's Report
    a. Directors Report
8. Old Business
    a. Litter Collection Truck
    b. DPW Clark Ave Mailbox Appeal
9. New Business
    a. BPW Broad St Retaining Wall
    b. DPW Eversource Contribution to Paving
    c. Transfer Station Reclassification
    d. BPW Special Event Traffic Control
    e. BPW Traffic Signal Temp Stop Signs
    f. NBF Street Accecptance
    g. BPW Waiver Benham
10. Any other matter to come before said meeting
11. Adjournment

PER ORDER OF THE CHAIRPERSON
Ellen Zoppo-Sassu, Mayor

City of Bristol
Board of Public Works
Meeting Minutes for
October 16, 2025
With Zoom Access

Members Present:	Mayor Jeffrey Caggiano Commissioner Michael Dumas Commissioner David Hartley Commissioner Frank Stawski Council Member Jacqueline Olsen Council Member Erick Rosengren Council Member Mark Dickau
Staff Present:	Raymond Rogozinski, P.E., Director of Public Works

1. Call to Order

2. Approval of Minutes

    a. September draft minutes

MOTION: made by Commissioner Hartley and seconded by Council Member Olsen.

Council Member Dickau mentioned that he was not listed as a member as attendees on the meeting minutes.

MOTION: to amend the minutes to add Council Member Dickau to the meeting minutes as attended made by Council Member Dickau and seconded by Commissioner Stawski. Motion passed.

3. Public Participation

Michael J. Dudko, 116 Lewis Rd, this is regarding lot 10 and lot 11 regarding placing a commercial driving school and it concerns me regarding the environmental. The trees are over 100 years old. I have five pictures to present from a flyover of Redstone Hill Road from the 1700's. They are majestic Pines. I don't want to see them destroyed. The Environmental concerns of this town are quite low.

Mayor Caggiano stated that the land was sold to the city and is now commercial property. The city has taken proactive measures in the past decade to save environmental areas in other parts of the city. This is a commercial area that will bring economic development into the town. We have preserved the Hoppers and the Pigeon Hills.

Michael J. Dudko, 116 Lewis Rd, referenced an article in The New York Times regarding protecting and restoring forests.

Mayor Caggiano stated that Birge Pond Hoppers over 40 acres, which was an Oswell grant and Pigeon Hill are areas designated to be environmental areas.

Walt Lewandowski, 76 Bellevue Ave, Chairman of the Arts and Culture Liaison, we have been involved with the decoration of the traffic boxes within the city. We have some designs right now an understand that it is now under the boards responsibility so we are here to ask what the policy and procedure are for this.

Raymond Rogozinski, P.E., Director of Public Works, stated that last meeting staff was spoken to. The Board of Public Works voted to authorize to proceed with this. We do have the ability to do an image or a wrap as a magnet, so if someone has done graffiti, so we could put it over the graffiti to preserve it long term.

Walt Lewandowski, 76 Bellevue Ave, stated, they do have some funding from the Forestville Village Association. Some of the boxes are stainless Steele. Some of the ones they are designing are old photos from Forestville which may be appropriate for a wrap. We just wanted to verify we are on the same page in terms of getting that done.

Raymond Rogozinski, P.E., Director of Public Works, you can email me and we can work with me on this, so we don't accidentally paint a state one.

Cheryl Thibeault, 73 Yard Drive, our commission could approve the design, we wouldn't need to come to this board, we would share it with this board, and please trust that it would be totally appropriate. This would be great because it would save us a step. We are working with the Historical Society right now for the new one.

MOTION; to move up item # 8F made by Council Rosengren and seconded by Council Member Dickau. Motion passed.

8.) f. BPW Driveway Ordinance

Raymond Rogozinski, P.E., Director of Public Works, this is specifically a request for a waiver from the Board of Public Works for City Ordinance 21-55. The current ordinance states the distance from intersection to a driveway is 50 feet. Currently the property of lot 50-51 on Cawley the plot plan is 39 feet which is not allowed unless the board allows. Included in the packet is the layout as well as the house itself.

Scott Myers, Engineer Associate PC, 69 Linden Street Waterbury, this is a non- conforming lot on the corner. There are two front yards required as it is on the corner. There is only 54ft of frontage. There is no other alternative for placement. We feel this is the most appropriate spot for the driveway.

Raymond Rogozinski, P.E., Director of Public Works, the easement gives both parties use to the driveway. It would be located in the area of the existing curb cut. We don't have traffic data, but that is an outlet onto south street.

Commissioner Hartley stated that this ordinance was stated that he is very concerned that this ordinance was developed for a reason.

Commissioner Stawski agree with Commissioner Harley. The concern is that this worked and making this change could cause safety issues.

Council Member Olsen stated that sometime ordinances need to be changed. It's not a heavily traffic road. She would be inclined to agree to the waiver.

Commissioner Dumas stated that he agreed with Council Member Olsen. It is not a heavily traffic road. Granting a waiver is not a major concern as it is not a major road.

Council Member Rosengren asked if there has ever been waiver previously.

Raymond Rogozinski, P.E., Director of Public Works, stated yes there has been. It does not come up often.

Council Member Rosengren asked if an attorney getting involved if there was an accident would there be an issue for the city.

Mayor Caggiano asked if the site plan has been approved.

Scott Myer, Engineer Associates PC, 69 Linden Street, Waterbury, stated no, that it is waiting for this waiver in order to get the permit.

MOTION: made by Council member Olsen and seconded by Council Member Dumas to grant the waiver. Motion Passed.

For: Dumas, Olsen, Rosengren, Dickau,

Opposed: Stawski, Hartley

4. Employee Recognition

Raymond Rogozinski, P.E., Director of Public Works reviewed the employees who had anniversaries for the month.

5. Division Reports

MOTION: made by Commissioner Hartley and seconded by Commissioner Dumas to accept as presented and place on file. Motion passed.

6. Project Lists

MOTION: made by Council Member Rosengren and seconded by Commissioner Dumas. Motion passed

7. Directors Report

Raymond Rogozinski reviewed the directors report with the board.

MOTION: made by Commissioner Hartley and seconded by Council Member Rosengren to accept as presented and place on file. Motion passed.

8. New Business

   a. BPW 2026 Meeting Calendar

MOTION: made by Commissioner Stawski and seconded by Council Member Rosengren to approve the 2026 meeting calendar. Motion passed.

   b. BPW Property Vegetation Program Policy

Raymond Rogozinski, P.E., Director of Public Works, reviewed the draft policy to recognize that public works maintains different properties for different reasons. Public Works does not maintain the Board of Ed, Water & Sewer, City Park, Fire Houses or Libraries. They do take care of multiple properties for aesthetic purposes. There is a motion regarding open space that is really left in its natural state that we do not maintain.

DRAFT

MOTION: made by Commissioner Dumas and seconded by Council Member Rosengren to approve Department of Public Works policy that lots designated as open spaces, and / or lots of conservation, shall not be mowed and shall be maintained in their natural state. Said designation of open spaces and/or lots of conservation shall be recorded on City land records. Motion passed.

Raymond Rogozinski, P.E., Director of Public Works also asked for the board to approve to policy itself which includes the transfer station and landfill vegetation and ultimately to approve the overall policy.

MOTION: made by Commissioner Hartley and seconded by Commissioner Dumas to approve the Department of Public Works Draft Policy as presented for property vegetation management of City-owned properties and City easement areas. Motion Passed.

c. Municipal Litter Collection Funds

Raymond Rogozinski, P.E., Director of Public Works, spoke about a new piece of equipment that can pick up roadside litter. He described the truck and its capabilities and it is a multi-purpose truck. We would purpose the use of litter funds where there is currently $286,000 available. We would ask to transfer $217,000.

Commissioner Stawski stated that his concerns regarding the city being able to rent the equipment in advance to purchase. He reviewed the research he did. He would like to stay with the rental option prior to purchase.

Raymond Rogozinski, P.E., Director of Public Works, stated we got the trial from a show in Boston, and it was a Virginia machine. We can table it. Renting it wasn't an option. No communities in Connecticut have one.

Mayor Caggiano stated that the nipper funds come every six months.

Raymond Rogozinski, P.E., Director of Public Works, stated, I feel we did due diligence, two different drivers used it, the mechanics looked over it. We looked over the arm to make sure it would not break off.

Commissioner Hartley stated he supports it. Do we anticipate any collective bargaining issues with operating this?

Raymond Rogozinski, P.E., Director of Public Works, management has a right to get the equipment to do the right job, and because this machine drives on the opposite side of the road, it would be designated as a solid waste vehicle because they are used to driving on the opposite side.

MOTION: made by Council Member Olson and Seconded by Commissioner Dumas to Authorize the Department of Public Works to request Board of Finance approval to purchase a truck mounted debris/litter collector vehicle in the amount of $217,000. Said funding shall utilize State-supplied nipper funds provided to the City.

Commissioner Stawski stated that the fact the no other community in the state has one. The money is there and is being banked.

Mayor Caggiano stated that there is no urgency here for this. The is no other community that has one but Bristol is top 5 in the state for getting nipper funding, so we do get more money than other communities.

Commissioner Hartley, stated that maybe we don't put an amount in the motion so if a bigger truck is found we don't put a dollar amount so we can at least move forward when Ray finds something that works.

MOTION: made by Council Member Olsen and Seconded by Commissioner Hartley to amend the previous motion to remove the amount of $217,000.

Raymond Rogozinski, P.E, Director of Public Works, stated that there is a Board of Finance Approval required that has a specific amount that is required. We can come back to the board if needed.

Mayor Caggiano stated there is no need to rush this. This is not going away and we get this every six month.

MOTION: made by Commissioner Hartley and seconded by Commissioner Dumas to amend the previous motion to table until next month. Motion passed.

d. BPW MS4 BL Proposal

Raymond Rogozinski, P.E., Director of Public Works, stated MS4 is a requirement that the board functions as the MS4 committee. This would allow us to come to full compliance and go back to EPA and have taken every measure to come to full compliance. We have not received any correspondence from the EPA on our audit. Approval of this allows Public Works and the city in general to show the best foot forward to the EPA.

MOTION: made by Commissioner Stawski and seconded by Council Member Olsen to authorize the Department of Public Works to procure the services of BL Engineering in the amount of $95,000 to assist the Department of Public Works in the preparation of a Stormwater Management Plan, wet and dry weather outfall sampling plan, illicit discharge investigation mitigation support, implementation of best management practices, and preparation of the required annual report. Said action is subject to Board of Finance approval of an additional appropriation in the amount of $95,000. BL Engineering services shall be procured in accordance with CT DAS Contract 18PSX0153. Motion passed.

Mayor Caggiano asked throughout this an additional appropriation $75,000 where is that coming from?

Raymond Rogozinski, P.E., stated it would come from the city contingency fund.

e. DPW BOF OCT Temp Engineering Fees

Raymond Rogozinski, P.E., Director of Public Works, stated that this is to move from regular wages to allocate to temporary wages for the temporary employee in engineering. The next is for allocation of within land use accounts for professional services. The next is to move from professional services regular wages to public works administration fees.

MOTION: made by Commissioner Hartley and seconded by Council Member Rosengren to accept the transfer request and forward to board of finance as presented. Motion passed.

g. DPW Clark Ave Mailbox Appeal

Raymond Rogozinski, P.E., Director of Public Works, stated that a letter was sent, and this was also a claim that went to city council. There is no one on the zoom call and there is no rush. We can table it and notify the owner a chance to come back next month.

MOTION: made by Council Member Rosengren and seconded by Commissioner Stawski to table to next month. Motion passed.

Commission Hartley stated they sent a letter, spoke to Ray, and they chose not to come. I am not convinced we should table this. We have an ordinance that is very specific for $75.00.

Mayor Caggiano stated that we can table it until next month. People do get busy, and like to have them get a second change to voice their opinion.

Raymond Rogozinski, P.E., Director of Public Works, stated the letter sent is contained in the packet that was sent out.

Mayor Caggiano stated that the Homeless encampment protocol was added to the agenda, the parks department had some issues with this. Public Works is a major factor with this. Our community officers should be involved first. There were some safety issues with this.

MOTION: made by Council Member Olsen and seconded by Commissioner Dumas to add the Homeless Encampment Protocol to the agenda. Motion passed.

Raymond Rogozinski, P.E., Director of Public Works, stated that this was done through multiple departments. Josh Medeiros wrote most of this. The draft before you tonight, added a provision and step one to clarify who would contact the various agencies. A provision on funding which would impact the building department, and there were no proposed revisions to the information. This outlines the procedures on how to go about the Homeless Encampment Protocol.

Mayor Caggiano added it's been about 2-3 months now. We are using two or three vendors now, but if it does get bigger, we would consider, and we do have code enforcement funds for this. I want it to be clear that when we reach out for resources for those in the encampments, we focus on St. Vincent DePaolo and then a list of others.

Raymond Rogozinski, P.E., Director of Public Works, this is a critical item, when they are recognized, it does take time, it takes a few weeks to clean out. The key components are there is coordination to do this. We get together with the health department and PD. We do use at times a third-party vendor at times, but the occupants are removed before the clean happens.

Commissioner Dumas inquired about the stated properties

Raymond Rogozinski, P.E. Director of Public Works, stated this doesn't give the city the right to trespass onto other people property. In the past, Public Works ends up the point and we have had mixed success with the DOT. They take longer and they do hire a third party.

Mayor Caggiano stated to delineate out the St. Vincent DePaul be the first step of assistance the transition to other resources available. The city does support St. Vincent DePaul through CDBG funding and they are out preferred vendor first.

MOTION: made by Commissioner Dumas and seconded by Council Member Rosengren to approve the Homeless Encampment Protocol as amended. Motion passed.

MOTION: to add the Hope Street Garage to the agenda made by Commissioner Hartley and seconded by Commissioner Dumas. Motion passed.

Raymond Rogozinski, P.E., Director of Public Works, stated there is request for a change order to install a sprinkler system for the Hope Street garage for A$65,000. There is an additional appropriation as well.

MOTION: made by Commissioner Dumas and seconded by Commissioner Stawski to authorize the Department of Public Works to forward a request to city council requesting that the mayor's authorization to execute any and all documents associated with an amendment to contract 2C24-O33 construction of Hope Street Parking Garage with D'Amato Construction line increasing the contract amount $65,322 from $7,704,355 to $7,969,670 to install a dedicated sprinkler system for the elevator shaft. The board of public works further authorizes the Director of Public Works to coordinate with the comptroller office to prepare the required board of finance request if required. Motion passed.

Commissioner Stawski asked why is someone not paying for this omission for this not being done prior.

Raymond Rogozinski, P.E., Director of Public Works, stated that it was a fire code issue and it was determined that it's needs a sprinkler system. It's a hydraulic elevator. The architects didn't maybe agree.

Old Business

a. DPW CT DOT Bus Shelters

Raymond Rogozinski, P.E., Director of Public Works, a reminder the DOT has a grant program that will pay for bus shelters. The city provided eights locations. The DOT asked us to execute a maintenance agreement. Public Works has concerns. The shelters in question would be on private property. There was a link in the memo regarding the meeting with the DOT meeting. The primary interest is that they are not responsible to maintain them. Ultimately Public Works would reach out to the private properties to maintain the shelters.

MOTION: made by Council Member Rosengren and seconded by Council Member Dickau to authorize the Department of Public Works to contact the owners of Gaylord Apartments, DeLorenzo Towers, and Stop & Shop at Hefbern St with the objective of determining if the property owners would participate in or be responsible for bus shelter maintenance. The Board of Public Works further moves to direct DPW to meet with the DOT regarding the proposed location for the bus shelter at Pine St. and Emmett St. Motion passed.

Commissioner Hartley stated that Gaylord Apartments be changed to the Bristol Housing Authority. If this motion passes, I will reach out to the executive director tomorrow.

MOTION: made by Commissioner Hartley and seconded by Council Member Olsen to amend Gaylord Apartments to Bristol Housing Authority. Motion passed.

Commissioner Stawski asked for an update on the solar farm on the landfill.

Raymond Rogozinski, P.E., Director of Public Works, stated that it is moving forward. They need a permit from CT DEEP and the have it in place. They are looking to move forward in spring.

Raymond Rogozinski, P.E. Director of Public Works, spoke about the bus shelter that was hit on Main Street near McDonalds. No one was hurt, but violations were issued.

9. Any Matter to come before said meeting

Jacqueline Tomacello, Steele Road, stated her concerns about the trees. She is appreciative of the opportunity to update her sidewalk but wants to ensure to preserve the trees there.

Mayor Caggiano stated that she can speak to Raymond after the meeting individually.

Raymond Rogozinski, P.E., Director of Public Works, stated that they will contact her individually when they look at the property.

Jacqueline Tomacello, Steele Road, asked if Eversource can just take down a tree if it is a city tree.

Raymond Rogozinski, P.E., Director of Public Works, stated that Eversource is aware they have to contact Ray and they follow the city and state ordinance. They cannot cut a healthy tree on city property without contacting the city. They do have easements in the city in areas.

Michael Ducko, 116 Lewis Road, asked the trees that are over 100 years old, can an arborist be hired at the Hoppers.

Mayor Caggiano stated that the Friends at the Hoppers would be the only one's testing. It is a non-profit organization doing that.

Michael Ducko, 116 Lewis Road, if we see something 100 years old to try to save it, to make a decision in the future. I have an ethical problem with that.

Mayor Caggiano stated that we talk the word that they are 100-year-old trees. Ordinance is the first Tuesday of the month is you want to share that with that committee.

10. Adjournment at 7:51 p.m.

MOTION: made by Commissioner Stawski and seconded by Council Member Rosengren. Motion passed.

_____

Raymond Rogozinski, P.E., Director of Public Works

DRAFT

Employee Anniversaries

James Carlo	8 years	Landfill Transfer Station Operator
Kevin Cybulski	24 Years	Driver/Collector
Brenton Eckstrom	8 years	Mechanic
Brian Hebert	5 years	Streets Laborer
Emily Oparowski	9 years	Public Works Admin
Delmar Pereira	8 years	Streets Heavy Truck Driver
Antonio Ruiz	9 years	Solid Waste Driver Collector
Ronald Siemiatkoski	10 years	Solid Waste Driver Collector
Brian Watson	8 years	Streets- Truck Driver Heavy
Christopher White	10 years	Streets- Street Maintenance Crew Leader
Rafael Antonio Lorenzo	2 years	Custodian- Maintenance Worker
Jason Kraft	3 years	Solid Waste- Driver Collector
Luther Holley	2 years	Streets- Laborer
Andrew Laprise	2 years	Streets- Laborer

Board of Public Works
Public Works Department Activity Report: Administration – October 2025

Public Works Monthly Metrics:	
Number of Residential Transfer Station Visitors	3,941
Number of Bulk Collections	343

Current month activities:

- PAYT reporting and debt collection continues.
- Communications, press releases, social media, website maintenance and enhancements are ongoing.
- Management of Street Light repair requests and Shopping Cart ordinance compliance.
- Educational outreach for Reduce & Reuse and training for the Recycle Coach application, which currently has 6,085 users.
- Pursued 29 abandoned shopping carts, Zero fines written in fines were written.
- Welcome packets have been revised we are now only sending a letter to the new homeowner. All the info is now on the All heart website https://bristolallheart.com/welcome these letters are sent out monthly. This saves on postage and also material costs.
- Assisting Solid Waste with Illegal Bulk letters and fines. 29 complaints were received in October, resulting 5 tickets $540.00.
- The 2025 Yard Waste season has begun. We have renewed 4974 members for 2025.
- Continue the Food Scrap Collection campaign started 2024.

Next month activities:

- Enforcement of Illegal Bulk, Street light repair requests, welcome letters with new materials, PAYT debt collections, Shopping cart enforcement and monitor illegal dumping areas.
- Continue outreach to increase awareness of the Reduce & Reuse program and the Recycle Coach app. DPW started posting new features and it is helping gain new app users.
- Continue work on the Department's webpage, Facebook, Instagram and Twitter accounts to enhance media presence. Everything is on our website and social media for residents to fill out or have their questions answered.

- Starting the Beautify Bristol cleanup promotion as it gets warmer out. We have given out over 800 kits.

- Getting ready for Household Hazardous Waste for November.

Administration staff or concerns:

Administration Monthly OT Costs: $374.48

Land Use activities for October 2025:

Planning Commission
C.G.S. 8-24 Referral – Map 41, Lot 10 - 135 East Main Street –
POSITIVE REFERRAL SENT TO THE REAL ESTATE COMMITTEE.

Site Plan for Multi-Family Residential Dwellings (30 Units) at 525 Wolcott Street (Wolcott Street and Old Wolcott Road); Assessor's Map 7, Lot 45; A (Multi-Family Residential) zone – APPROVED WITH STIPULATIONS.

Subdivision - Laurentide Glen — Phase 5 & 6 — south of Arcadia Road and Martin Road, north of Farrell Avenue (26 lots) – Request for: A two-year extension from October 24, 2025 to October 24, 2027 for the conditional approvals of Phases 5 & 6. Trademark Acquisitions, LLC, Arcadia Group, LLC and Arcadia Acres, LLC applicants/owners – TWO - YEAR EXTENSION OF CONDITIONAL APPROVAL GRANTED FROM OCTOBER 24, 2025 TO OCTOBER 24, 2026 FOR PHASES 5 & 6.

Review, discussion and possible adoption of amendments to the Official Zoning Map of the City of Bristol entitled "Zoning Map of the City of Bristol, Connecticut", Effective Date: August 1, 2025, associated with the comprehensive rewrite of the Bristol Zoning Regulations. Initiated by: Bristol Zoning Commission – POSITIVE REFERRAL SENT TO THE ZONING COMMISSION.

Request to amend the Subdivision Map – Subdivision (Meadow View Farm), 1960 Perkins Street (10 lots); Assessor's Map 58, Lot 16-1; R-25 (Single-Family Residential) zone; LED, LLC, applicant – APPROVED REVISED SUBDIVISION MAP REMOVING TURF PAVER AREA FROM LOT 9.

Zoning Commission
Special Permit for a Commercial Kennel at 135 Cross Street; Assessor's Map 3, Lot 15; I (General Industrial) zone; Jon Rondeau, applicant – APPROVED WITH STIPULATIONS.

Special Permit for the Adaptive Re-Use of an existing non- residential building for a) business or professional offices, including medical and dental offices; b) personal service establishments at 291 Queen Street; Assessor's Map 30A, Lot 2-6; R-15 (Single-Family Residential) zone; Focus Spaces, LLC, applicant – APPROVED WITH STIPULATIONS.

Special Permit for For-Profit School at 314 Business Park Drive; Assessor's Map 3, Lots 10 & 11 Business Park Drive; IP-1 (Industrial Park) zone; Allstate Commercial Driver Training School, applicant – APPROVED WITH STIPULATIONS.

Special Permit for the Adaptive Re-Use of an existing non- residential building to allow for the conversion of a mixed-use building to a residential dwelling unit (first floor) at 116 Central Street; Assessor's Map 41, Lot 63; BG (General Business) zone; Steve F. Lavoie and Diane J. Lavoie-Pelletier, Trustees of the Norman Donata Lavoie Irrevocable Trust, applicant – APPROVED WITH STIPULATIONS.

Aquifer Protection Agency
Request for renewal of registration for the following existing regulated activity: 1. Repair or maintenance of vehicles; repair or maintenance of internal combustion engines of vehicles (including boats, snow blowers, and lawnmowers) at 881 Farmington Avenue.; Map 53, Lot 1; BG (General Business) zone. 881 Farmington Avenue Associates Corp., registrant – RENEWAL REGISTRATION ACCEPTED. EXPIRATION DATE: SEPTEMBER 9, 2030.

Zoning Board of Appeals
The Board did not meet in October.

Historic District Commission
The Commission did not meet in October.

Inland Wetlands & Watercourses Agency

Wetlands application for the demolition of an existing structure at 40 West Street and South Street; Assessor's Map 29, Lot 161-163 & Map 29, Lot159- 160; 40 West Street LLC, applicant – APPROVED WITH STIPULATIONS.

Modification to Wetlands application at 1936 Perkins Street; Assessor's Map 58, Lot 16-1-2; Joseph D'Amato, applicant – APPROVED WITH STIPULATIONS.

Wetlands application to excavate, remove and replace fuel storage tanks, relocate existing pump island and repave existing area at 180 Riverside Avenue; Assessor's Map 30, Lot 117-B; ESHAA LLC c/o Khalid Mohammad, applicant – APPROVED WITH STIPULATIONS.

Wetlands application for the demolition of a single-family dwelling and other related construction activities with a disturbance within the Upland Review Area of approximately 9,600 sq. ft at 396 Jerome Avenue; Assessor's Map 53, Lot 134-2-1; City of Bristol Department of Public Works, applicant – APPROVED WITH STIPULATIONS.

Floodplain application for the demolition of a single- family dwelling and associated construction activities within the floodplain at 396 Jerome Avenue; Assessor's Map 53, Lot 134-2-1; City of Bristol Department of Public Works, applicant - APPROVED WITH STIPULATIONS.

Land Use staff or concerns:

Monthly overtime costs (Board/Commission Secretaries and Assistant City Planner at meetings: $505.17.

Facilities – October 2025

Building Maintenance current month (October 2025) activities:

- AirTemp Mechanical finalized new natural gas-fire heating units and tested operations at the Transfer Station and Automated Rubbish Truck Quonset Hut at the City Yard in advance of the heating season
- Facilitated communication line service installations with Frontier at 30 Hope Street Parking Garage to support fire sprinkler/alarm systems and elevator emergency phone life safety requirements
- Manager Oakes conducted (4) tours of City Hall, in conjunction with the Mayor's Office, on 10/16 for students from West Bristol 3rd Grade Classes, which also included visits to the Police Complex, Fire Headquarters and US Post Office on North Main Street
- Completed HVAC Chiller seasonal shut-downs at Police Complex, Main Library & Beals Center
- AirTemp completed remaining annual boiler preventative maintenance services at Fire Houses, Beals Center, Main Library, Manross Library, 51 High Street
- Manager Oakes submitted annual reporting for the Department of Energy Efficiency Community Block Grant used for City Yard LED lighting upgrades, the funds remaining will be used by Bristol Parks & Recreation for facilities and field/parking lot LED lighting upgrades
- Staff completed seasonal HVAC filter changes and motor belt replacements/lubrication at City Buildings, which now also includes the Main and Manross Libraries
- Manager Oakes coordinating installation of new door frame with window in Purchasing Department via the ezICQ procurement portal (GORDIAN/Millennium Builders), which now includes HVAC system modifications to meet Building Code for an occupied office space
- Staff to assist Registrar of Voters Office with Early Voting activities at City Hall on the two weekends prior to 11/4 Election Day
- Rectified a Notice of Violation issued by CT DEEP in regard to the 2019 removal of a heating oil underground storage tank at Fire House #2, ezFile database updated and compliance statement submitted for final reporting closure required by CT DEEP
- Fire Control Services replaced detectors/bases, panel batteries and flex hose section on ANSUL systems that serve Police Dispatch Center and 911 Server Room at the Police Complex on 10/28
- Collection of redeemable beverage containers from Bristol Eastern High School for Veteran Strong office staff
- Accurate Commercial Door replaced exterior door frame and double doors on the 4th Level of the Police Complex on 10/29 which deteriorated over four decades of daily use and exposure
- CRF Interior Systems Inc. completed preventative maintenance/service on articulating wall partitions serving conference rooms at the Main Library (last serviced in 2020)

Building Maintenance next month (November 2025) activities:

- Oakland LLC to redirect storm water discharge at the Police Complex from the sanitary sewer line to storm water system serving the building
- Installation of a Type I Kitchen Hood and fire suppression system at Fire Headquarters by East Coast Sheetmetal (includes demolition and removal of existing Type II Hood and EPDM roof modifications to maintain warranty)
- Coordinate with Public Works Engineering Staff on the repaving of the rear apparatus ramp at Fire Headquarters
- PerfecTemp to install new natural gas service lines and heating units at the City Yard Fleet Garage and then remove existing systems being replaced, to ensure heating is not interrupted during anytime in the project
- Staff to replace existing gun locker enclosures at Police Complex Holding Area with a new system selected by Bristol Police Staff
- Prepare snow removal equipment in advance of winter months (snow blower PM servicing, plow systems and salt spreader operation/testing/calibration)
- Overtime staff of Police Complex custodial duties for Veterans Day and the extended Thanksgiving Holiday

Building Maintenance Staff or Concerns:

- Anticipate moderate levels of Vacation/Miscellaneous time off during November due to extended Thanksgiving holiday weekend
- Holiday overtime staffing required at the Police Complex on Veterans Day and Thanksgiving Weekend
- Lack of a Library Senior Maintenance Technician since 3/27/25 has added and shifted additional duties to Public Works Maintenance Staff to keep both Libraries operationally sound
- Traffic Control Technician ending employment with the City on 9/29 which will cause overtime operations until a permanent replacement is hired, as existing contract leans on Building Maintenance staff in the absence of this position
- Police Complex Custodian out on indefinite extended medical leave as of 10/27, Grounds Maintainer currently filling vacant position Monday through Friday on 1st Shift, Sunday overtime staffing required (Manager Oakes requesting a Temporary Hire to cover Police Complex Custodian position for the next 3 months)

Building Maintenance OT Costs: $3,419.20

Staffing coverage for after-hour maintenance service calls (Police Complex overhead door sensors hit by cruisers twice, City Hall alarm system triggered twice afterhours, Police Complex holding cell bio-hazard response clean-up, loss of heating at Fire House #4), 10/13 Columbus Day holiday overtime staffing at Police Complex, City Hall storage room modifications, supplemental staffing to provide service coverage due to staff medical leave at Police Complex, assist Bristol Police Traffic Division with road closures and signage/traffic lighting requests, 10/25 Memorial Boulevard Car Show road closures and re-opening, City Hall access, closure and cleaning on two weekends in advance of Election Day to support Early Voting activities associated with the Registrar's Office

Streets October 2025 Report

Streets current month activities:

- Continued with roadside maintenance of City properties, including litter and yard sign removal. This work will be on going throughout the seasons
  Installed driveway aprons for engineering on new paved roads
- Serviced trees, including pruning, removals, and testing
  - **Tree take downs**- Kern Park-3, Steele Rd and Balsam
- **Major Roads Engineering**- Finished replacing catch basin tops for engineering on Pardee Street and Dwight Street
- **Permanent Patch for Engineering**- NA
- Stump Removals/ Loam
- Continuing small road repair
- Addressing street signs
- Curb repair
- Vactor Work
- Cleaned out culverts throughout the city
- **Milling and Paving** – Oakland, Maple and Maltby
- Driveway Aprons
- Loam Feeder
- Patched Potholes
- Street Sweeping
- Storm Drainage
  - **Completed Basin Repairs/Sinkholes**- Fern Hill, Williams, Dwight, Pardee, Maple CT, Burton and Birch
  - Installing new poles and signage
  - Started removing concrete curb on Pardee Street and installing new Bituminous curb
  - Finished 3rd round of detention pond maintenance
- Winter Operations- **Ordered salt to stock our salt sheds**

Streets next month activities:

- Continue with roadside maintenance
  - Street Sweeping
  - Potholes
  - Curb repair
  - Loam
  - Tree removal
  - Tree trimming
  - Mowing
  - Driveway aprons
  - Milling and Paving
  - Catch basin repair
- Tilcon opening for asphalt work
- Continue on salt brine project
- Start new roads installing catch basin tops for engineering department
- Permanent Patch List
- Milling and paving
- Winter Operations- **OFF SEASON**
  - Plowed and treated roads
  - Service Requests
  - Mailbox installations
- Continue addressing street road name signage replacement
  - Installing new poles and or signage
  - Look into printing other road signage of other Departments

    - Fixing and installing signs for Police Department
- Maintenance of city properties
    - Litter clean up
    - Lawn Maintenance
    - Bridge clean up
- Continue tree take downs, trimming and stump grinding
- Continue to address seasonal maintenance activities, including preparation of seasonal operation equipment
- Assist other public work programs and departments as required

Streets staff or concerns:

Street Division is currently addressing service requests from the general public with our maintenance programs. We have been managing these requests throughout designated areas.

September OT Totals: $3,711.53Streets

Solid Waste October 2025 Report

Solid Waste current month activities:

- Continued illegal bulk inspection and enforcement activities. We sent 29 letters to residents for illegal bulk and cleaned up 5 stops. Residents cleaned up 19 stops, with 0 still pending
- Continued curbside bulk collection, we collected 343 scheduled pick-ups.
- Continued the on-site management of barrels at the Transfer Station, disassembling, cleaning and reusing barrels.
- Currently we have 4,974 new or renewed yard waste participants.
- Continued cleaning up areas with high amounts of litter.
- Continued curbside yard waste collection, collecting 339 tons for the month.
- Continued mowing the landfill.
- Quantum finished hauling out processed material from the Transfer Station.
- Started fall leaf bag collection, collecting 75 tons for the month.
- Delivered event barrels for the Nexgen Trunk or Treat and End Alzheimer's event.

Solid Waste next month activities

- Continue illegal bulk inspection and enforcement activities.
- Continued the on-site management of barrels at the Transfer Station, disassembling, cleaning and reusing barrels
- Patrol known dumping areas for illegally dumped items.
- Continue cleaning up areas with high amounts of litter.
- Continue fall leaf bag collection.
- Quantum to finish hauling out processed material.
- Continue yard waste collection.
- Continue to mow and cut the landfill.
- Host annual Household Hazardous Waste event at the city yard.
- Work overtime to make up for Veterans Day and Thanksgiving curbside collections.

Solid Waste staff or concerns:

- Manage Solid Waste Division staffing levels.
- Manage Division vehicle equipment needs.
- Continue to cross train Division employees.

OT Costs/Revenue Generated:	
Solid Waste OT =	$6,217.09
Transfer Station OT =	$6,577.09
TS Revenue (PAYT) =	$26,242.30
Residential Permits =	$3,205.00
Commercial Permits =	$150.00
Yard Waste Revenue =	$1,460.00
Murphy Road Rebate =	$0.00
Iron Liberty Recycling =	$2,496.26
Aluminum Liberty Rec =	$0.00
Batteries Liberty Rec =	$45.51
Electronics NewTech =	$0.00
Compost Sale =	$0.00
Bulk Pick-Up Revenue =	$0.00
Book Box =	$0.00
Misc. Revenue =	$0.00
Border Street =	$0.00
Illegal Bulk Fines =	$0.00
Clothing Recycling =	$0.00
Additional Barrel Sale = Damaged barrel =	$620.00 $67.00
Special Pick up – 2nd	$2,301.00

Fleet Maintenance Current Activities:

Streets Div.

1. **S41 –** (2015 Pickup Truck) Check engine light was diagnosed with a bad bank 1 O2 sensor. Part was replaced and truck was serviced while in shop.
2. **S25 –** (2003 10 wheeled dump truck) truck was inspected for winter ops and needed both rear axle brake shoes and drums. Spreader controller was broken and replaced as well. Unit needs to be considered for replacement.
3. **S13 –** (2019 6 wheeled dump) Truck was brought in for inspection. Rear brake shoes and drums were replaced. Unit also had a check engine light and a fuel leak. Fuel line was replaced behind fuel tank. Check engine light was diagnosed as a bad temperature sensor.
4. **S15 –** (2016 6 wheeled dump) Truck was brought in for inspection. New rear brake shoes and drums were installed. Auger track for salt was replaced due to thin/rotted out links.
5. **S36 –** (2015 mason dump) Truck was brought in for a service. Upon service, the transmission pan, gasket, filter and fluid were replaced. Truck is pretty scaled with rust underneath.
6. **S17 –** (2016 6 wheeled dump truck) Truck was brought in for inspection. Check engine light resulted in a new EGR sensor and lines. Truck is currently in shop awaiting arrival of a cooler line.
7. **S23 –** (2019 10 wheeled dump truck) New rear brake can and lines were replaced after a leak was noticed.
8. **S35 –** (2015 mason dump) New trailer plug and trailer module installed due to plug being damaged.
9. **S44 –** (large box truck) Unit was a no start and had to be towed in. It was diagnosed with a bad ignition box under the hood. Truck is back online.
10. Inspecting and servicing small vehicle plows and spreaders.

Solid Waste Div.

1. **R19 –** (2023 Bulk crane truck) Truck was brought in for a service. A leaking coolant line was also found and replaced.
2. **R16 –** (2012 automated rubbish truck) Packer rails and rollers are worn out. Rails were removed and ordered. Still awaiting delivery. Truck is down until then.
3. **R14 –** (2019 6 wheeled automated truck) Truck was in need of major front end work including springs, shackles and shackle mounts. Work had to be done at a vendor and a completed total of cost was around $14,300.
4. **R35 –** (2004 rear loader) A bad ground in wiring was found causing the vehicle to shut off on its own.
5. **R17 –** (2024 automated truck) 2-way radio and gps system installed.

Fleet Maintenance Next Month's Activities:

1. Continue scheduled maintenance to our Fleet vehicles.
2. Continue scheduled services to our other divisions as well as our P.D.
3. Continue to keep Streets & Solid Waste Ops. running strong.
4. Continue servicing BBH,Building and Cert vehicles. (We need to incorporate these into our budget or find a way to charge as list is growing).
5. Still working/waiting on budgeted bid items.

Fleet Maintenance Staff or Concerns:

- **DPW really needs a dedicated wash building or a proper way to clean trucks otherwise our budget will need to be increased. Trucks being brought in are in rough shape from poor washing.**
- **Down a Mechanic and Mechanic's Helper. (Winter is coming)!**
- Any way we can put our Fleet Auction proceeds and scrap metal back into our Fleet and not the GF?

Overtime expenditures and totals $2,687.73 (Holiday, Dispatch and Mechanic).

MEMORANDUM

DATE: November 7, 2025

TO: Raymond Rogozinski P.E., Public Works Director
FROM: David Oakes, Public Works Facilities & Energy Manager

RE: City Building Project List Updates

City Yard & Transfer Station – Waste Oil Heater Replacements $48,000
AirTemp changed out the natural gas regulator to a propane regulator and completed final adjustments and equipment start-up at the end of October. Both heating systems at the City Yard and Transfer Station are complete in full and operational at this time.

Beals Center – Café & Card Room Upgrades $38,000
Department of Aging Director Jason Krueger informed Manager Oakes that upgrades to the Café and Card Room are pending Bristol-Burlington Health Department shifts and adjustments within the Beals Community Center. Design documents are currently being generated for this work scope by Colliers Associates.

Main Library Site Access System Upgrades $25,000
The Main Library currently has a security camera system which covers the building. In the past year, a single side door entrance was put onto the Avigilon site access system to allow for Library Staff to gain access prior to open public hours at the Main Library. The FY25-26 funding would expand coverage the site access system to include sensitive and high security areas of the building to allow access only to those employees that require it and provide a tracking log of when high security access areas are entered. Manager Oakes with currently working with IT Department Staff on formulating a bid document for the Purchasing Department to use for the system expansions.

Manross Library Site Access System Installation $25,000
The Manross Library does not have a security camera system or any site access doorways currently. This funding would include the addition of security cameras at (2) public entrances and (1) staff-only entrance at the rear of the building. The 3 building entrances would also be outfitted with security cameras to record all entrance and egress from the building, providing Library Staff and visitors with a high sense of security and also protecting valuable Library assets from "walking off." Manager Oakes with currently working with IT Department Staff to have a vendor provide a site assessment on priority locations for security cameras to provide the most coverage possible with limited placements.

City of Bristol
Public Work Department
111 North Main Street
Bristol, CT 06010
www.bristolct.gov

Main Library Building Management System ASP-1 Replacement $5,750

SNE Building Systems replaced a failed ASP (automation server) at the Main Library. The cost for the replacement was $5,750. The ASP was replaced on 10/14/25 and the BMS connection and controls were restored.

Police Complex Doors/Frames & Locks Replacement $50,000

A purchase order in sum of $ 4,571.00 was issued to Accurate Commercial Door to procure materials for the total replacement of the 4th Level double-doorset that leads to the elevator foyer (including door frame and ancillary hardware items). These doors were a priority task to complete prior to the heating season, as failure of the doors led to the freezing of the 4th Level interior sprinkler systems in the winter of 2025 due to pneumatic closer failure and frame/door hinge corrosion. The frame and both doors were replaced on 10/29.25. Work will continue to address other doors over the next several months that are exterior and prone to weather. Interior doors will be addressed over the winter months, which are not weather dependent.

Police Complex Office Carpeting & Interior Painting $20,000

The interior space of the 1st Floor of the Police Complex has not seen an update or enhancement since 2000. The funding for FY25-26 will be used to replace 20-year-old carpeting in office spaces for indoor air quality improvement and staff benefit. Areas include OIC office, Records Division, Administration Row, Detectives Division offices (CID), Dispatch Offices, Front Desk and Sargent's office. If any funding remains, interior painting will be completed to the extent possible, as walls encounter a high level of wear due to the bulky duty belts and tactical vest gear each Officer wears on a daily basis.

Police Complex Renovation Conceptual Plan $10,000

A purchase order has been issued to Colliers Project Leaders (Colliers) in the sum of $10,000 to provide additional project management support services for the due diligence phases of the Police Department Renovation Conceptual Plan. Details of this project and Colliers participation and work scope is reflected in the October 15, 2025 proposal that is attached to this memo.

City of Bristol
Public Work Department
111 North Main Street
Bristol, CT 06010
www.bristolct.gov

PUBLIC WORKS BOARD CITY BUILDING PROJECT LIST - NOVEMBER 2025

Funding Year	Location	Project Name	Contractor Name	Current Budget	Construction Estimated % Complete	Schedule/ Completion Date	Comments/Recommendations	Original Budget
FY23-24	City Yard - Fleet	Garage Heating Unit Replacements	Design Documents - Van Zelm	$23,300.00	100%	8/31/2024	Start-up completed on 10/16 at City Yard & 10/22 at Transfer Station	$23,300.00
FY23-24	Automated Rubbish & Transfer Station	Waste Oil Heater Replacements	AirTemp	$48,000.00	100%	10/24/2025		$73,700.00
FY23-24	Beals Center	Café & Card Room Upgrades	TBD	$38,000.00	0%	TBD	Pending BBHD office shifts within Beals Center	$38,000.00
FY25-26	Main Library	Site Access System Upgrades	TBD	$25,000.00	0%	TBD	Reviewing scope with IT Dept & Library Staff	$25,000.00
FY25-26*	Main Library	Building Management System ASP	SNE Building Systems	$5,750.00	100%	10/14/2025	Replacement of failed ASP for BMS HVAC controls	$5,750.00
FY25-26	Manross Library	Site Access System Installation	TBD	$25,000.00	0%	TBD	Reviewing scope with IT Dept & Library Staff	$25,000.00
FY25-26	Police Complex	Door/Frame & Lock Replacements	Accurate Commercial Door	$45,429.00	10%	TBD	4th Level Door/Frame replacements on 10/29/25	$50,000.00
FY25-26	Police Complex	Hot Water Circulation Pump Repairs	Oakland LLC	$8,895.25	100%	10/15/2025	Completed	$16,500.00
			AirTemp Mechanical	$3,167.31	100%	10/15/2025	Completed	$3,500.00
FY25-26	Police Complex	Office Carpeting & Interor Painting	TBD	$20,000.00	0%	TBD	New FY25-26 Project	$20,000.00
FY25-26*	Police Complex	Police Complex Renovation	Colliers Project Leaders	$10,000.00	0%	TBD	Conceptual plan for Police Complex renovation costs	$10,000.00
				$252,541.56				

Available as of July 2025	$81,376.63
FY25-26 Funding	$140,000.00
Spent 2025-2026	$41,302.56
Less Committed Contracts	$18,586.31
Less Committed Projects	$118,000.00
Net Available	$43,487.76

135 New Road
Madison, CT 06443

Main: +1 860 395 0055
Fax: +1 203 779 5661
www.cplusa.com

Colliers
Project Leaders

October 15, 2025

Raymond Rogozinksi, P.E.
Director of Public Works
City of Bristol, CT
111 North Main Street
Bristol, CT, 06010

via email: RaymondRogozinski@bristolct.gov

Subject: Proposal to Provide Project Management Support Services for the Bristol Police Department Project

Dear Ray:

Colliers Project Leaders USA NE, LLC ("CPL") is pleased to offer this proposal to provide additional project management support services for the due diligence phases of the Police Department Project. We have developed this proposal based on our understanding of the project scope and schedule garnered through our previous conversations.

In summary, the project, as we understand, includes the following:

- Review of existing facility for the purposes of developing Total Project Budgets
- Options to be considered include:
    - Renovate "as new" the ground floor, 1st & 2nd floor for PD use. IT will remain "as is". Work will be performed with building occupied (in phases).
    - Perform repairs to the 1st floor of the parking garage (3rd floor of building). Garage level will remain a parking garage.
    - Building front ramps will remain. The ramps will be repaired with potential façade improvements to alter building look/ appearance.
    - The existing 2nd floor of the parking garage, 4th floor of building current open to the sky will be covered with a roof to create a PD/ Fire training facility. A portion of roof will be 28 ft high. The training facilities will contain a PD firing range and vehicles will be able to access a portion of the building for training purposes.
    - At the north west corner of the building a 3-4 car single level garage would be built for vehicle storage (criminal cases). Access to Kelley St would require relocation of the Meadow St Parking garage Eversource electrical service.
    - The installation of a pedestrian bridge connecting the Meadow Street Parking Garage with the PD

To review the site and provide a written report, we are offering the following fees for service.

Project Management Proposed Fee by Phase	
Budget Development	$10,000
Total Fee	**$10,000**

Should the project scope and/or schedule be modified, the following hourly rate schedule shall be utilized unless agreed otherwise. Colliers proposes to complete this effort through billing on an hourly basis with anticipated total fees of $10,000.

2025 Hourly Rates	
Category	**Hourly Rate**
Market Leader/Regional Director	$350
Subject Matter Expert	$240
Technical Director	$220
Senior Construction Representative	$185
Project Manager	$185
Construction Representative	$170
Technical Specialist	$160
Assistant Project Manager	$160
Financial Specialist	$155
Project Coordinator	$145
Administrative Support	$120

These rates are subject to an escalation of up to 4% per year and will be adjusted annually in January.

The above fees do not include reimbursable expenses which are estimated to be approximately % of fees. Reimbursable expenses include such out of pocket costs as mileage to and from the site, postage, telephone, and meals. Experientially, the vast majority of these anticipated expenses are associated with mileage and will be billed at the published IRS reimbursement rate. All expenses are billed at direct costs with no mark-ups.

Colliers
Project Leaders

We are very excited about the opportunity to continue our relationship with the City of Bristol and are ready to move forward together. Please feel free to contact me at (860) 395-0055 ext. 118 or marc.sklenka@collierseng.com regarding this proposal or any other matter with which we may offer assistance.

Sincerely,

Marc Sklenka
Discipline Leader, Project Management Services

Your signature in the space provided below and return of a signed copy to CPL will signify your acceptance of the terms proposed in this letter of agreement, the CPL Terms & Conditions which are attached to this letter and the ability to mutually adjust scope of services and corresponding fees if applicable at a later date. Any changes to this scope must be agreed upon in writing prior to formal modifications of the agreement as set forth in this document.

Client Authorized Signature

Name	Signature
Title	Date

Colliers Project Leaders USA NE, LLC Authorized Signature

Name	Signature
Title	Date

Department of Public Works | 860.584.6125

MEMORANDUM

DATE: November 12, 2025

TO: Mayor Ellen Zoppo-Sassu
Board of Public Works
FROM: Raymond A. Rogozinski, P.E., Director of Public Works

RE: BPW October – Director's Report

Please find attached a summary report of the Department's activities, issues, and concerns for the November 20,2025 Board of Public Works meeting.

1. **Staffing** 9 DPW positions vacant, not including the 2 laborer positions removed as part of the FY2025-26 budget. A**dministration Division** and **Landuse Division** fully staffed. **Eng. Division – 1** Project Manager position vacant, posted. A potential candidate current under review for interview. **1** Excavation inspector vacant along with the Traffic Signal Tech (retired). The excavation inspector position is being filled on a temporary basis with a construction inspector. **1** Traffic Tech duties are being filled in accordance with an MOU. DPW is proposing modifications to the Traffic Signal Fleet Tech job description. The engineer vacancy (**1** civil engineer) has been vacant and has been filled by a part time P.E., however the part time employee has indicated that his last day is December 18. **Bldg. Divisions –** fully staffed, temporary custodian schedule to be hired to fill vacancy of staff member out on medical leave. **Solid Waste –** fully staffed**. Fleet Division: 1** vacant mechanic & **1** mechanic helper position posted to outside, DPW is concerned with filling position due to shortage of qualified mechanics and need for mechanic to be CDL certified. **Street Div. 2** skilled laborer and 1 laborer.
2. **Hope Street Parking Garage:** Parking Garage opened 6/2/25. Elevator install complete, fire sprinkler system currently being installed. Final CO anticipated 11/31/25. Coordination required between elevator installer, fire alarm provider and state inspector.
3. **Shrub Road Sidewalks LOTCIP:** City engineering consultant revision to plans and specifications complete. NVCOG scheduled to submit to DOT for approval authorization the week of 11/17/25. It is anticipated that DOT review will result in comments and require plan revisions. Easements and permits in place. DPW remains concerned with AI Engineers progress and schedule delays. Based on current status sidewalk construction scheduled for spring 2026. Tree to be posted for removal. Plans indicated Shrub Road curb adjustments attached. Note positive numbers indicate areas of widening & negative numbers area of narrowing (Total length of Shrub Rd sidewalk 4,700 LF, length of widening more than 6 inches 2,500 LF (3 ft max, not included 3 parallel parking spaces), length of narrowing 1,100 LF, length of no change 1,400 LF). Plans attached.
4. **Jerome Ave** – **House Demolition NRCS**: House demolished on 10/20/25. Final grading, establishment of vegetation and restoration required.
5. **Annual Roadway Milling & Paving:** Milling started on 10/6/25, completed 11/13/25. See attached fall paving list. Pavement pre-marking scheduled for 11/13/25 with pavement marking installed by 11/28/25. Note curb side rumble strip are not scheduled to be reinstalled on Redstone Hill Rd at this time.
6. **Maple Court:** Roadway reconstruction and paving from Steward St scheduled for 11/17/25. The final 80 ft from Maple St will be constructed in 2026 (retaining wall, sidewalk and stair replacement of Maple St properties).
7. **DPW Fleet Division Heat:** Work ongoing (Contract 2C25-093 Heaters at Public Works Garage to Perfectemp Inc. in the amount of $139,853.00). Scheduled to be completed 11/26/25.
8. **Brace Ave & O'Sullivan Storm Drainage**: Construction by Laviero Contracting progressing ($1,789,855). D'Amato Construction hired to relocate water laterals offset water main at intersection. Work progressing, it is anticipated that the storm drainage from Vine Rd to Vera Road will be completed prior to winter and the remaining portion to Camp Street will be completed in the spring of 2026.
9. **DPW Material Processing Area – Peacedale St:** Previously tested topsoil and fill can remain on-site (see attached).
10. **Salt Brine Station**: Construction compete and operational. BOF transfer request being finalized, transferring approximately $18,000 within DPW accounts to cover expenses of 2 new pumps and 1 new holding tank. Project originally anticipated utilizing existing pumps and tank.
11. **Stop Sign (Summer St @ Center St)**: PD has requested the installation of a flashing red stop sign similar to the stop sign installed as Willis St and East Rd. Sign order (cost $4,100), scheduled to be installed upon delivery.
12. **Downs Street Bridge**: City engineering consultant GM2 Inc. has submitted design plans to DOT for encroachment permit. Once encroachment permit is obtained final approval by DOT required per LOTCIP funding source.
13. **East Street Bridge:** Initial paving unacceptable. Pavement milled/ removed and scheduled to be repaved 11/13/25. Roadside barriers, pavement marking and punch list items remain. Bridge scheduled to be reopened by 11/21/25.
14. **Staff Training:** Annual City wide/ DPW staff OSHA training scheduled for 11/12,18,20/25. Rigging & hoisting training conducted on 10/16/25.

City of Bristol
Public Work Department
111 North Main Street
Bristol, CT 06010
www.bristolct.gov

15. **HHW Collection:** A household hazardous waste event was held at DPW's Operation Facility (V.P.Kelly Road) on 11/8/25. Summary of vehicles below:

YEAR	BRISTOL VEHICLES	ALL VEHICLES
2025	243	607
2024	297	648
2023	262	608
2022	197	436

Cost of $14,580 ($60/vehicle) within budget of $18,600.

16. **Flood & Erosion Control Board:** City Council approved a revision to City Ordinance Chapter 8, Flood and Erosion Control Sec 8-2 Board Designated making the members of the Board of Public Works the Flood Erosion and Control Board. Previous Flood & Erosion Board was comprised of City Council members. Please note that DPW will provide a yearly update to City Council on flood issues.
17. **BPRYCS Relocation from 51 High St to City Hall:** Construction project currently out to bid, scheduled to be opened 11/25/25. Architects estimate $926,026 (3,240 SF) plus FF&E (furniture) $272,019. Floor plan with furniture attached.

Please feel free to contact me with any questions or concerns at 860-584-6113.

City of Bristol
Public Work Department
111 North Main Street
Bristol, CT 06010
www.bristolct.gov

D3 – SERIES

D3-1

Variable Road Name

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
_6.00	48X18	51–2004	2	.100
_7.50	60X18	51–2001	2	.100
_9.00	72X18	51–2002	2	.125
10.50	84X18	51–2003	2	.125

1 SIGN

R1 – SERIES

R1–1

STOP

LEGEND – WHITE
BACKGROUND – RED

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
_1.85	__18_	31–0532	1	.080
_5.19	__30_	31–0552	1	.080
_7.98	__36_	31–0553	1	.080
_13.3	__48_	31–0557	2	.100

3 SIGNS

NOTE : FINAL LOCATION OF ALL RELOCATED SIGNS IS SUBJECT TO CITY OF BRISTOL'S APPROVAL. NEW SIGN LOCATION TO BE DETERMINED DURING CONSTRUCTION

REMOVE AND DISPOSE EXISTING TREES TO BE PAID FOR UNDER ITEM #201012A REMOVAL OF TREES" (TYP.)

PERPENDICULAR SIDEWALK RAMP (TYPE 11)

BITUMINOUS CONCRETE LIP CURBING (TYP.)

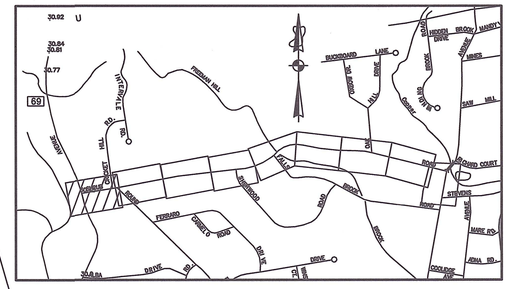
NEW LOCATION FOR STREET SIGN (51-2004)

REMOVE AND RELOCATE STREET SIGN

REMOVE AND DISPOSE EXISTING CONCRETE SIDEWALK TO BE PAID FOR UNDER ITEM NO. 0921001 CONCRETE SIDEWALK RAMP

SAWCUT AND MATCH WITH EXISTING SIDEWALK AT NEAREST JOINT

PERPENDICULAR RAMP (TYPE 4)



KEY PLAN

SCALE: 1" = 1000'

24" STOP BAR

SAWCUT AND MATCH WITH EXISTING SIDEWALK AT NEAREST JOINT

INSTALL CROSS WALK

REMOVE AND RELOCATE STOP SIGN

NEW LOCATION FOR STOP SIGN (31-0553)

DETECTABLE WARNING SURACE (TYP.)

PERPENDICULAR RAMP (TYPE 4)

3' WIDE SNOW SHELF (TYP.)

CUT BITUMINOUS CONCRETE PAVEMENT

24" STOP BAR STA 25+26

NEW LOCATION FOR STOP SIGN (31-0553)

INSTALL 5' WIDE CONCRETE SIDEWALK

RELOCATE EXISTING UTILITY POLE (BY OTHERS)

STA 24+53 TO STA 25+25 WHITE EPOXY RESIN PAVEMENT MARKINGS SINGLE WHITE LINE

STA 20+39 TO STA 23+98 4" WHITE EPOXY RESIN PAVEMENT MARKINGS

CROSS WALK

24" STOP BAR STA 20+40.00

STA 20+33 TO STA 23+61 4" YELLOW EPOXY RESIN PAVEMENT MARKINGS DOUBLE YELLOW LINE

24" STOP BAR STA 23+63.00

STA 20+38 TO STA 23+62 4" WHITE EPOXY RESIN PAVEMENT MARKINGS

STOP SIGN (31-0553)

STA 23+64 TO STA 24+44 WHITE EPOXY RESIN PAVEMENT MARKINGS SINGLE WHITE LINE

STA 24+53 TO STA 24+75 4" YELLOW EPOXY RESIN PAVEMENT MARKINGS DOUBLE YELLOW LINE

STA 24+53 TO STA 24+75 WHITE EPOXY RESIN PAVEMENT MARKINGS SINGLE WHITE LINE

PERPENDICULAR SIDEWALK RAMP (TYPE 16)

TURF ESTABLISHMENT

BITUMINOUS CONCRETE LIP CURBING

CUT BITUMINOUS CONCRETE PAVEMENT

APPROXIMATE SLOPE LIMITS (TYP.)

24" STOP BAR

MATCHLINE STA. 25+50 SEE DWG. NO. CA-101

CRICKET HILL ROAD

SHRUB ROAD

ROUND HILL ROAD

BURLINGTON AVENUE (ROUTE 69)

N/F DRZEWIECKI, MARK A.

N/F BELLANTUONO, PAUL & KRISTEN B.

N/F BEYERS, DOROTHY L.

N/F GUIMOND, KATHERINE

1166

1154

9

S16° 58' 39"E 200.00'

N79° 40' 01"E 464.64'

NOTES

1. PROTECT ELEMENTS IN CONTRACT LIMITS NOT TO BE REMOVED AND DISPOSED.
2. ALL BRANCHES OF TREES EXTENDING WITHIN THE ROADWAY SHALL BE TRIMMED AS DIRECTED TO PROVIDE A 16-FOOT MINIMUM VERTICAL CLEARANCE INCLUDING SELECTIVE TRIMMING OF SUCH TREES AS DIRECTED. THIS WORK SHALL BE PAID FOR UNDER ITEM #0952001A "SELECTIVE CLEARING AND THINNING".
3. RESTORE ALL DISTURBED EXISTING DRIVES UP TO THE EDGE OF ROW.
4. ALL EXISTING DRAINAGE STRUCTURES SHALL BE CLEANED OUT AND PAID FOR UNDER ITEM # 0653630 "CLEAN EXISTING DRAINAGE STRUCTURE".
5. SEE CTDOT GUIDE SHEETS FOR CONCRETE SIDEWALK RAMP DETAILS. BOTH INDEX AND SHEETS 1-11.
6. ALL EXISTING PAVEMENT MARKINGS ALONG SHRUB ROAD SHALL BE REMOVED.

SCHEDULE OF RIGHTS AND EASEMENTS

(A) RIGHT TO CONSTRUCT DRIVEWAY REQUIRED

(B) EASEMENT TO SLOPE FOR THE SAFETY OF THE HIGHWAY & REMOVE, USE OR RETAIN EXCAVATED MATERIAL REQUIRED

LEGEND

CONCRETE SIDEWALK - 8" THICK

RS RAMPED SLOPED SECTION OF CONCRETE SIDEWALK RAMP

TS TURNING SPACE SECTION OF CONCRETE SIDEWALK RAMP

40 20 0 20 40

SCALE IN FEET

REV.	DATE	REVISION DESCRIPTION	SHEET NO.	PLOTTED DATE:

DRAFTER: EW
DESIGNER: EW
CHECKED BY: SG
APPROVED BY: RP

ENGINEER: AI Engineers
919 MIDDLE STREET
MIDDLETOWN, CT 06457

FILENAME: 3401–CP SERIES (SITE PLANS).DWG

SIGNATURE/ BLOCK:

PROJECT TITLE:
CITY OF BRISTOL
THE INSTALLATION OF SIDEWALKS ALONG SHRUB ROAD

TOWN: **BRISTOL**

DRAWING TITLE: **SITE PLAN - 1**

PROJECT NO. **3401**
DRAWING NO. **CP-100**
SHEET NO.

NOTE : FINAL LOCATION OF ALL RELOCATED SIGNS IS SUBJECT TO CITY OF BRISTOL'S APPROVAL. NEW SIGN LOCATION TO BE DETERMINED DURING CONSTRUCTION

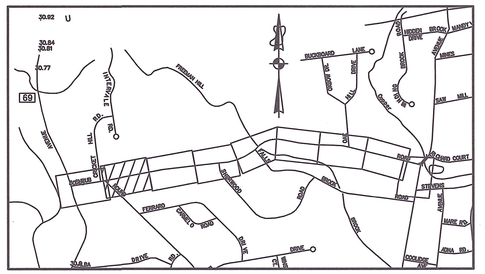
W? – SERIES

W?

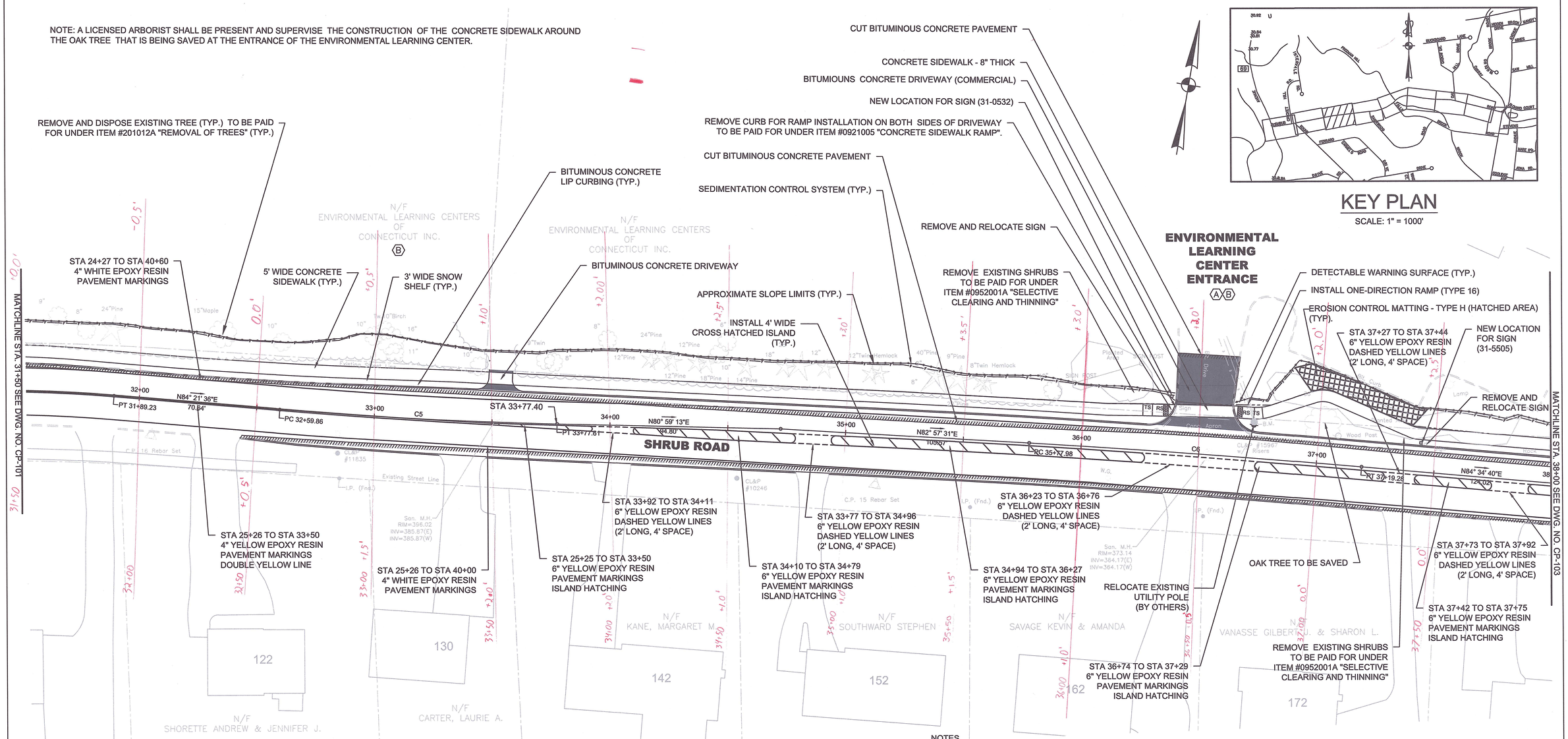
HIDDEN DRIVEWAY

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36		1	.080
16.00	48		2	.100

1 SIGN


69
LINE
SUMMER
PROSPECT
SUNSET
ROCKWELL
SUMMIT
SUNNYSIDE

NOTE: A LICENSED ARBORIST SHALL BE PRESENT AND SUPERVISE THE CONSTRUCTION OF THE CONCRETE SIDEWALK AROUND THE OAK TREE THAT IS BEING SAVED AT THE ENTRANCE OF THE ENVIRONMENTAL LEARNING CENTER.



KEY PLAN

SCALE: 1" = 1000'

R2 – SERIES

R2–1

SPEED LIMIT 30

1 SIGN →

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
5.00	24X30	31–5505	1	.080
7.50	30X36	31–5504	1	.080
12.00	36X48	31–5506	2	.100
20.00	48X60	31–5507	2	.100

R1 – SERIES

R1–1

STOP

LEGEND – WHITE
BACKGROUND – RED

1 SIGN →

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
1.85	18	31–0532	1	.080
5.19	30	31–0552	1	.080
7.98	36	31–0553	1	.080
13.3	48	31–0557	2	.100

NOTE : FINAL LOCATION OF ALL RELOCATED SIGNS IS SUBJECT TO CITY OF BRISTOL'S APPROVAL. NEW SIGN LOCATION TO BE DETERMINED DURING CONSTRUCTION

NOTES

1. PROTECT ELEMENTS IN CONTRACT LIMITS NOT TO BE REMOVED AND DISPOSED.
2. ALL BRANCHES OF TREES EXTENDING WITHIN THE ROADWAY SHALL BE TRIMMED AS DIRECTED TO PROVIDE A 16-FOOT MINIMUM VERTICAL CLEARANCE INCLUDING SELECTIVE TRIMMING OF SUCH TREES AS DIRECTED. THIS WORK SHALL BE PAID FOR UNDER ITEM #0952001A "SELECTIVE CLEARING AND THINNING".
3. RESTORE ALL DISTURBED EXISTING DRIVES UP TO THE EDGE OF ROW.
4. ALL EXISTING DRAINAGE STRUCTURES SHALL BE CLEANED OUT AND PAID FOR UNDER ITEM NO.0653630 "CLEAN EXISTING DRAINAGE STRUCTURE".
5. SEE CTDOT GUIDE SHEETS FOR CONCRETE SIDEWALK RAMP DETAILS. BOTH INDEX AND SHEETS 1-11.
6. ALL EXISTING PAVEMENT MARKINGS ALONG SHRUB ROAD SHALL BE REMOVED.

SCHEDULE OF RIGHTS AND EASEMENTS

(A) RIGHT TO CONSTRUCT DRIVEWAY REQUIRED

(B) EASEMENT TO SLOPE FOR THE SAFETY OF THE HIGHWAY & REMOVE, USE OR RETAIN EXCAVATED MATERIAL REQUIRED

LEGEND

REMOVE AND INSTALL CONCRETE SIDEWALK

BITUMINOUS CONCRETE DRIVEWAY (TYP.)

CUT BITUMINOUS CONCRETE PAVEMENT DRIVEWAY/ROADWAY

RS RAMPED SLOPED SECTION OF CONCRETE SIDEWALK RAMP

TS TURNING SPACE SECTION OF CONCRETE SIDEWALK RAMP

40 20 0 20 40

SCALE IN FEET

REV.	DATE	REVISION DESCRIPTION	SHEET NO.	PLOTTED DATE:

DRAFTER: EW
DESIGNER: EW
CHECKED BY: SG
APPROVED BY: RP

ENGINEER: AI Engineers
919 MIDDLE STREET
MIDDLETOWN, CT 06457

FILENAME: 3401–CP SERIES (SITE PLANS).DWG

SIGNATURE/ BLOCK:

PROJECT TITLE:
CITY OF BRISTOL
THE INSTALLATION OF SIDEWALKS ALONG SHRUB ROAD

TOWN: **BRISTOL**

DRAWING TITLE: **SITE PLAN - 3**

PROJECT NO. **3401**
DRAWING NO. **CP-102**
SHEET NO.

R? – SERIES

3 SIGNS →

R?

VARIABLE TIMES
(R) ⟹
(D) ⟺
(L)

NO LITTERING OR DUMPING

LEGEND – RED
BACKGROUND – WHITE

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
1.50	12X18		1	.080

R1 – SERIES

2 SIGNS →

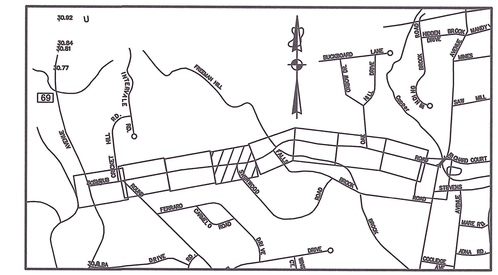
R1–1

STOP

LEGEND – WHITE
BACKGROUND – RED

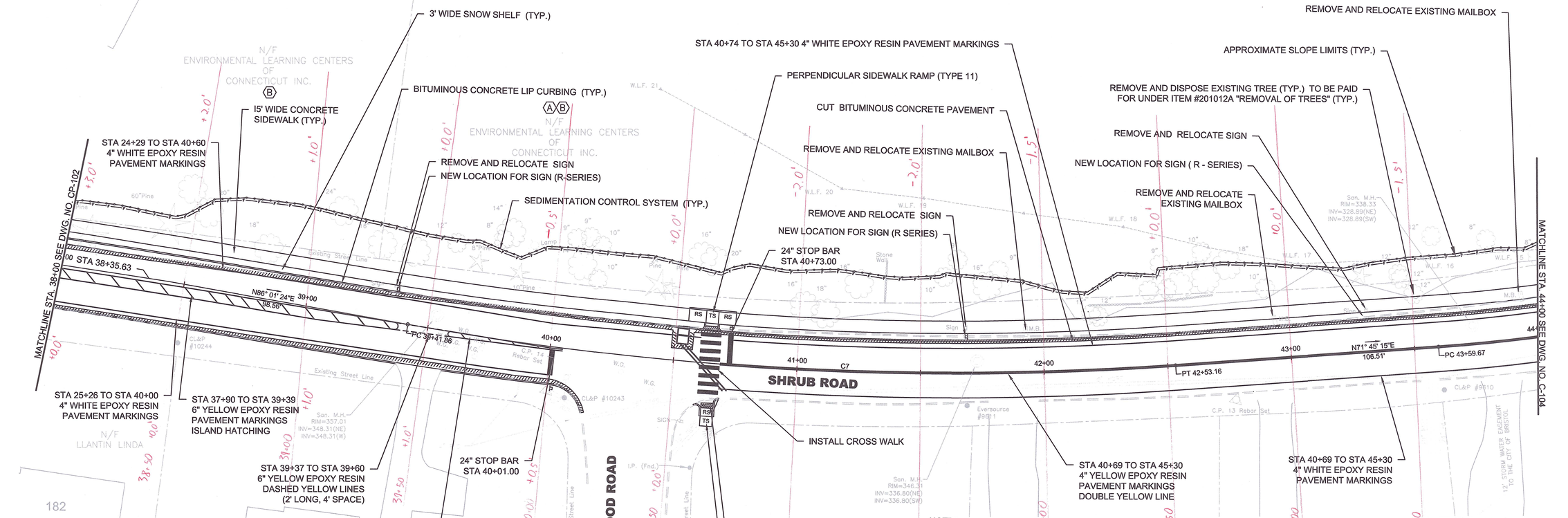
AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
1.85	18	31–0532	1	.080
5.19	30	31–0552	1	.080
7.98	36	31–0553	1	.080
13.3	48	31–0557	2	.100

NOTE : FINAL LOCATION OF ALL RELOCATED SIGNS IS SUBJECT TO CITY OF BRISTOL'S APPROVAL. NEW SIGN LOCATION TO BE DETERMINED DURING CONSTRUCTION



KEY PLAN

SCALE: 1" = 1000'



NOTES

1. PROTECT ELEMENTS IN CONTRACT LIMITS NOT TO BE REMOVED AND DISPOSED.
2. ALL BRANCHES OF TREES EXTENDING WITHIN THE ROADWAY SHALL BE TRIMMED AS DIRECTED TO PROVIDE A 16-FOOT MINIMUM VERTICAL CLEARANCE INCLUDING SELECTIVE TRIMMING OF SUCH TREES AS DIRECTED. THIS WORK SHALL BE PAID FOR UNDER ITEM #0952001A "SELECTIVE CLEARING AND THINNING".
3. RESTORE ALL DISTURBED EXISTING DRIVES UP TO THE EDGE OF ROW.
4. ALL EXISTING DRAINAGE STRUCTURES SHALL BE CLEANED OUT AND PAID FOR UNDER ITEM NO.0653630 "CLEAN EXISTING DRAINAGE STRUCTURE".
5. SEE CTDOT GUIDE SHEETS FOR CONCRETE SIDEWALK RAMP DETAILS. BOTH INDEX AND SHEETS 1-11.
6. ALL EXISTING PAVEMENT MARKINGS ALONG SHRUB ROAD SHALL BE REMOVED.

SCHEDULE OF RIGHTS AND EASEMENTS

Ⓐ RIGHT TO CONSTRUCT DRIVEWAY REQUIRED

Ⓑ EASEMENT TO SLOPE FOR THE SAFETY OF THE HIGHWAY & REMOVE, USE OR RETAIN EXCAVATED MATERIAL REQUIRED

LEGEND

- CONCRETE SIDEWALK - 8" THICK
- BITUMINOUS CONCRETE DRIVEWAY (TYP.)
- CUT BITUMINOUS CONCRETE PAVEMENT DRIVEWAY/ROADWAY
- RS — RAMPED SLOPED SECTION OF CONCRETE SIDEWALK RAMP
- TS — TURNING SPACE SECTION OF CONCRETE SIDEWALK RAMP

40 20 0 20 40

SCALE IN FEET

REV.	DATE	REVISION DESCRIPTION	SHEET NO.	PLOTTED DATE:

DRAFTER: EW
DESIGNER: EW
CHECKED BY: SG
APPROVED BY: RP

ENGINEER:
AI Engineers
919 MIDDLE STREET
MIDDLETOWN, CT 06457
FILENAME: 3401-CP SERIES (SITE PLANS).DWG

SIGNATURE/ BLOCK:

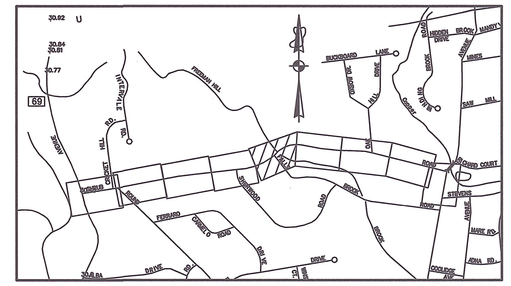
PROJECT TITLE:
CITY OF BRISTOL
THE INSTALLATION OF SIDEWALKS ALONG SHRUB ROAD

TOWN: **BRISTOL**

DRAWING TITLE: **SITE PLAN - 4**

PROJECT NO. **3401**
DRAWING NO. **CP-103**
SHEET NO.

NOTE:
PROPOSED RETAINING WALL IS FULLY CONTRACTOR DELEGATED DESIGN, INCLUDING THE GEOTECHNICAL ENGINEERING SCOPE FOR DESIGNING THE WALL. BLOCK MATERIALS SUBJECT TO THE CITY OF BRISTOL APPROVAL.



KEY PLAN
SCALE: 1" = 1000'

SIDEWALK TRANSITION FROM 5' WIDE TO 9.5' WIDE. TRANSITION BEGINS AT BACK EDGE OF DETECTABLE WARNING SURFACE AT STA ±47+24.00 END ENDS AT THE BRIDGE

REMOVE EXISTING SHRUB TO BE PAID FOR UNDER ITEM #0952001A "SELECTIVE CLEARING AND THINNING"

PEDESTRIAN BRIDGE (SEE STRUCTURE DETAILS)

INTERMEDIATE RIPRAP SLOPE PROTECTION

5' LONG RETAINING WALL RETAINING WALL SHALL BE INBEDDED 42 INCHES INTO EXISTING GROUND AND PINNED THE PEDESTRIAN BRIDGE ABUTMENTS TO BE PAID FOR UNDER ITEM #0601654A "RETAINING WALL SITE NO. 4"

RESET MANHOLE (SANITARY SEWER)

SIDEWALK TRANSITION FROM 5' WIDE TO 9.5' WIDE TRANSITION BEGINS AT EDGE OF HANDICAPP RAMP AT STA ±46+08.00 AND ENDS AT THE BRIDGE

WOOD RAIL FENCE TO BE PAID FOR UNDER ITEM #0913992A " DECORATIVE FENCE"

Ⓑ NEW LOCATION FOR SIGN (31-0552)

24" STOP BAR STA 46+21.00

REMOVE AND RELOCATE EXISTING SIGN

INSTALL PERPENDICULAR RAMP (TYPE 13)

INSTALL CROSS WALK

RELOCATE EXISTING UTILITY POLE (BY OTHERS)

SEDIMENTATION CONTROL SYSTEM (TYP.)

BITUMINOUS CONCRETE LIP CURBING (TYP.)

SNOW SHELF (TYP.)

5' WIDE CONCRETE SIDEWALK (TYP.)

STA 40+74 TO STA 46+01
4" WHITE EPOXY RESIN PAVEMENT MARKINGS SINGLE WHITE LINE

MATCHLINE STA. 44+00 SEE DWG. NO. CP-103

STA 40+69 TO STA 45+30
4" WHITE EPOXY RESIN PAVEMENT MARKINGS

STA 40+69 TO STA 45+30
4" YELLOW EPOXY RESIN PAVEMENT MARKINGS DOUBLE YELLOW LINE

24" STOP BAR STA 45+30.00

PERPENDICULAR RAMP (TYPE 19)

SINGLE-DIRECTION RAMP (TYPE 17)

FIELD DELINEATED WETLANDS

5' WIDE CONCRETE SIDEWALK

SINGLE-DIRECTION RAMP (TYPE 17)

FIELD DELINEATED HIGH WATER MARK

CUT BITUMINOUS CONCRETE PAVEMENT

5' WIDE CONCRETE SIDEWALK

SINGLE-DIRECTION RAMP (TYPE 17)

N/F CITY OF BRISTOL

N/F ENVIRONMENTAL LEARNING CENTERS OF CONNECTICUT INC.

N/F CONLON, LELIA

SEYMOUR PARK ENTRANCE Ⓐ Ⓑ

CONCRETE SIDEWALK - 8" THICK

CUT BITUMINOUS CONCRETE PAVEMENT

DETECTABLE WARNING SURFACE (TYP.)

SINGLE-DIRECTION RAMP (TYPE 17)

MATCH EXISTING SIDEWALK

REMOVE AND RELOCATE STONES (TYP.)

APPROXIMATE SLOPE LIMITS (TYP.)

CUT BITUMINOUS CONCRETE PAVEMENT

RELOCATE EXISTING UTILITY POLE (BY OTHERS)

REMOVE AND RELOCATE SIGN

NEW LOCATION FOR SIGN (41-4172)

STA 46+22 TO STA 59+23
4" WHITE EPOXY RESIN PAVEMENT MARKINGS

STA 46+21 TO STA 69+76
4" WHITE EPOXY RESIN PAVEMENT MARKINGS

STA 46+21 TO STA 52+95
4" YELLOW EPOXY RESIN PAVEMENT MARKINGS DOUBLE YELLOW LINE

MATCHLINE STA. 50+00 SEE DWG. NO. CP-105

BITUMIOUNS CONCRETE DRIVEWAY (COMMERCIAL)

AREA TO BE CLEARED OF VEGETATION BACK TO THE RIGHT OF WAY LINE TO IMPROVE SITE LINE AROUND THE CORNER. TO BE PAID FOR UNDER ITEM 0952001A "SECTIVE CLEARING AND THINNING".

APPROXIMATE LIMIT OF CLEARING

SHRUB ROAD

FALLS BROOK ROAD

FREEMAN HILL BROOK

R1 – SERIES

R1–1

STOP

LEGEND – WHITE
BACKGROUND – RED

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
_1.85	__18_	31–0532	1	.080
_5.19	__30_	31–0552	1	.080
_7.98	__36_	31–0553	1	.080
_13.3	__48_	31–0557	2	.100

1 SIGN →

W3 – SERIES

W3–1

OCTAGON – RED

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
_____	_____	_____	__	_____
_6.25	__30_	41–0501	1	.080
16.00	__48_	41–0503	2	.100
_____	_____	_____	__	_____

1 SIGN →

NOTE : FINAL LOCATION OF ALL RELOCATED SIGNS IS SUBJECT TO CITY OF BRISTOL'S APPROVAL. NEW SIGN LOCATION TO BE DETERMINED DURING CONSTRUCTION

SCHEDULE OF RIGHTS AND EASEMENTS

Ⓐ RIGHT TO CONSTRUCT DRIVEWAY REQUIRED

Ⓑ EASEMENT TO SLOPE FOR THE SAFETY OF THE HIGHWAY & REMOVE, USE OR RETAIN EXCAVATED MATERIAL REQUIRED

LEGEND

- CONCRETE SIDEWALK 8" THICK
- BITUMINOUS CONCRETE DRIVEWAY (TYP.)
- CUT BITUMINOUS CONCRETE PAVEMENT DRIVEWAY/ROADWAY
- RS — RAMPED SLOPED SECTION OF CONCRETE SIDEWALK RAMP
- TS — TURNING SPACE SECTION OF CONCRETE SIDEWALK RAMP

40 20 0 20 40
SCALE IN FEET

NOTES

1. PROTECT ELEMENTS IN CONTRACT LIMITS NOT TO BE REMOVED AND DISPOSED.
2. ALL BRANCHES OF TREES EXTENDING WITHIN THE ROADWAY SHALL BE TRIMMED AS DIRECTED TO PROVIDE A 16-FOOT MINIMUM VERTICAL CLEARANCE INCLUDING SELECTIVE TRIMMING OF SUCH TREES AS DIRECTED. THIS WORK SHALL BE PAID FOR UNDER ITEM #0952001A "SELECTIVE CLEARING AND THINNING".
3. RESTORE ALL DISTURBED EXISTING DRIVES UP TO THE EDGE OF ROW.
4. ALL EXISTING DRAINAGE STRUCTURES SHALL BE CLEANED OUT AND PAID FOR UNDER ITEM NO.0653630 "CLEAN EXISTING DRAINAGE STRUCTURE".
5. SEE CTDOT GUIDE SHEETS FOR CONCRETE SIDEWALK RAMP DETAILS. BOTH INDEX AND SHEETS 1-11.
6. ALL EXISTING PAVEMENT MARKINGS ALONG SHRUB ROAD SHALL BE REMOVED.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.	PLOTTED DATE:

DRAFTER: EW
DESIGNER: EW
CHECKED BY: SG
APPROVED BY: RP

ENGINEER: AI Engineers
919 MIDDLE STREET
MIDDLETOWN, CT 06457

FILENAME: 3401–CP SERIES (SITE PLANS).DWG

SIGNATURE/ BLOCK:

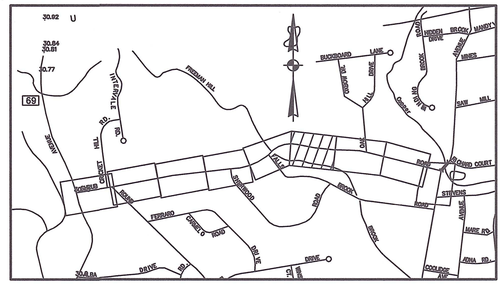
PROJECT TITLE:
CITY OF BRISTOL
THE INSTALLATION OF SIDEWALKS ALONG SHRUB ROAD

TOWN: **BRISTOL**

DRAWING TITLE: **SITE PLAN - 5**

PROJECT NO. **3401**
DRAWING NO. **CP-104**
SHEET NO.

NOTE:
PROPOSED RETAINING WALL TO BE MADE OF A PROPRIETARY BLOCK WALL RETAINING SYSTEM. GENERIC STANDARD MAFIA TYPE BLOCKS ARE UNACCEPTABLE MATERIAL TO USE. THIS WALL IS FULLY CONTRACTOR DELEGATED DESIGN, INCLUDING THE GEOTECHNICAL ENGINEERING SCOPE FOR DESIGNING THE WALL. BLOCK MATERIALS SUBJECT TO THE CITY OF BRISTOL APPROVAL.



KEY PLAN

SCALE: 1" = 1000'

APPROXIMATE SLOPE LIMITS (TYP.)

STA 46+22 TO STA 59+23
4" WHITE EPOXY RESIN
PAVEMENT MARKINGS

5' WIDE CONCRETE SIDEWALK (TYP.)

3' WIDE SNOW SHELF (TYP.)

BITUMINOUS CONCRETE
CURBING (TYP.)

BEGIN RETAINING WALL
STA. 51+00.00

INSTALL 155' LONG RETAINING WALL
STATION 51+00.00 TO STATION 52+55.00
TO BE PAID FOR UNDER ITEM #0601653A
"RETAINING WALL SITE NO. 3"

RELOCATE EXISTING UTILITY POLE
(BY OTHERS)

PROTECT EXISTING TREES (TYP. OF 7)

REMOVE AND RELOCATE EXISTING NEWSPAPER BOX

REMOVE AND RELOCATE SIGN

NEW LOCATION FOR SIGN (41-4172)

REMOVE AND DISPOSE EXISTING TREE TO BE
PAID FOR UNDER ITEM #201012A "REMOVAL OF TREES"

END RETAINING WALL STA. 52+55.00

ADJUST WATER GATE BOX
TO BE PAID UNER ITEM #1302061

BITUMINOUS CONCRETE LIP CURBING (TYP.)

RELOCATE EXISTING
UTILITY POLE
(BY OTHERS)

REMOVE AND RELOCATE SIGN

NEW LOCATION FOR SIGN (31-5505)

**PIGEON HILL
PRESERVE
ENTRANCE**

REMOVE AND RESTORE
EXISTING ASPHALT
DRIVEWAY

CONCRETE SIDEWALK - 8" THICK

DETECTABLE WARNING SURFACE (TYP.)

DRIVEWAY CROSSING
SIDEWALK RAMPS
(TYPE 30)

SEDIMENTATION CONTROL SYSTEM (TYP.)

RELOCATE EXISTING
UTILITY POLE
(BY OTHERS)

MATCHLINE STA. 50+00 SEE DWG. NO. C-104

MATCHLINE STA. 56+00 SEE DWG. NO. C-106

SHRUB ROAD

PC 50+16.24 | PT 50+61.87 | PC 51+78.47 | PT 53+35.85 | PC 53+99.75 | PC 54+64.50

STA 46+21 TO STA 52+95
4" YELLOW EPOXY RESIN
PAVEMENT MARKINGS
DOUBLE YELLOW LINE

STA 46+21 TO STA 69+76
4" WHITE EPOXY RESIN
PAVEMENT MARKINGS

STA 52+95 TO STA 53+27
6" YELLOW EPOXY RESIN
PAVEMENT MARKINGS
ISLAND HATCHING

STA 53+26 TO STA 53+52
6" YELLOW EPOXY RESIN
DASHED YELLOW LINES
(2' LONG, 4' SPACE)

DRIVEWAY CROSSING
SIDEWALK RAMPS (TYPE 30)

STA 53+52 TO STA 53+87
6" YELLOW EPOXY RESIN
PAVEMENT MARKINGS
ISLAND HATCHING

STA 53+85 TO STA 54+12
6" YELLOW EPOXY RESIN
DASHED YELLOW LINES
(2' LONG, 4' SPACE)

STA 54+10 TO STA 55+42
6" YELLOW EPOXY RESIN
PAVEMENT MARKINGS
ISLAND HATCHING

STA 55+40 TO STA 55+65
6" YELLOW EPOXY RESIN
DASHED YELLOW LINES
(2' LONG, 4' SPACE)

STA 55+63 TO STA 56+89
6" YELLOW EPOXY RESIN
PAVEMENT MARKINGS
ISLAND HATCHING

CUT BITUMINOUS CONCRETE PAVEMENT

NOTE : FINAL LOCATION OF ALL RELOCATED SIGNS IS SUBJECT TO CITY OF BRISTOL'S APPROVAL. NEW SIGN LOCATION TO BE DETERMINED DURING CONSTRUCTION

W1 – SERIES

W1–5

1 SIGN →

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
_____	_____		_	____
	__30__		1	.080
_9.00	__36__	41–4172	1	.080
_____	_____	_____	_	____

R2 – SERIES

R2–1

SPEED LIMIT 30

1 SIGN →

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
_5.00	24X30	31–5505	1	.080
_7.50	30X36	31–5504	1	.080
12.00	36X48	31–5506	2	.100
20.00	48X60	31–5507	2	.100

NOTES

1. PROTECT ELEMENTS IN CONTRACT LIMITS NOT TO BE REMOVED AND DISPOSED.
2. ALL BRANCHES OF TREES EXTENDING WITHIN THE ROADWAY SHALL BE TRIMMED AS DIRECTED TO PROVIDE A 16-FOOT MINIMUM VERTICAL CLEARANCE INCLUDING SELECTIVE TRIMMING OF SUCH TREES AS DIRECTED. THIS WORK SHALL BE PAID FOR UNDER ITEM #0952001A "SELECTIVE CLEARING AND THINNING".
3. RESTORE ALL DISTURBED EXISTING DRIVES UP TO THE EDGE OF ROW.
4. ALL EXISTING DRAINAGE STRUCTURES SHALL BE CLEANED OUT AND PAID FOR UNDER ITEM NO.0653630 "CLEAN EXISTING DRAINAGE STRUCTURE".
5. SEE CTDOT GUIDE SHEETS FOR CONCRETE SIDEWALK RAMP DETAILS. BOTH INDEX AND SHEETS 1-11.
6. ALL EXISTING PAVEMENT MARKINGS ALONG SHRUB ROAD SHALL BE REMOVED.

SCHEDULE OF RIGHTS AND EASEMENTS

Ⓐ RIGHT TO CONSTRUCT DRIVEWAY REQUIRED

Ⓑ EASEMENT TO SLOPE FOR THE SAFETY OF THE HIGHWAY & REMOVE, USE OR RETAIN EXCAVATED MATERIAL REQUIRED

LEGEND

- CONCRETE SIDEWALK - 8" THICK
- BITUMINOUS CONCRETE DRIVEWAY (TYP.)
- CUT BITUMINOUS CONCRETE PAVEMENT DRIVEWAY/ROADWAY
- RS — RAMPED SLOPED SECTION OF CONCRETE SIDEWALK RAMP
- TS — TURNING SPACE SECTION OF CONCRETE SIDEWALK RAMP

40 20 0 20 40

SCALE IN FEET

REV.	DATE	REVISION DESCRIPTION	SHEET NO.	PLOTTED DATE:

DRAFTER: EW
DESIGNER: EW
CHECKED BY: SG
APPROVED BY: RP

ENGINEER: AI Engineers
919 MIDDLE STREET
MIDDLETOWN, CT 06457

FILENAME: 3401–CP SERIES (SITE PLANS).DWG

SIGNATURE/ BLOCK:

PROJECT TITLE:
**CITY OF BRISTOL
THE INSTALLATION OF SIDEWALKS
ALONG SHRUB ROAD**

TOWN: **BRISTOL**

DRAWING TITLE: **SITE PLAN - 6**

PROJECT NO. **3401**
DRAWING NO. **CP-105**
SHEET NO.

NOTE : FINAL LOCATION OF ALL RELOCATED SIGNS IS SUBJECT TO CITY OF BRISTOL'S APPROVAL. NEW SIGN LOCATION TO BE DETERMINED DURING CONSTRUCTION

D3 – SERIES

D3–1

Variable Road Name

1 SIGN →

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.00	48X18	51–2004	2	.100
7.50	60X18	51–2001	2	.100
9.00	72X18	51–2002	2	.125
10.50	84X18	51–2003	2	.125

R1 – SERIES

R1–1

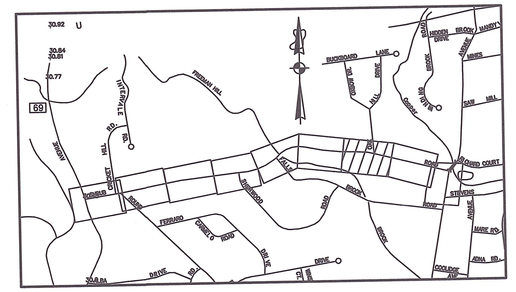
STOP

1 SIGN →

LEGEND – WHITE
BACKGROUND – RED

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
1.85	18	31–0532	1	.080
5.19	30	31–0552	1	.080
7.98	36	31–0553	1	.080
13.3	48	31–0557	2	.100

SHADED AREA OF OAK HILL ROAD INTERSECTION SHALL BE MILLED AND PAVED TO MAINTAIN EXISTING DRAINAGE PATTERN IN THE GUTTER.


69
PRIMROSE HILL
SOUTHVIEW
SUNSET
ROCKWOOD
LANE
SUMMER
SAGE HILL
STEVENS
ROAD
ASHA RD.
COOLIDGE
AVE.
DAVE
ROAD
FERRARO
CORBIN
ROAD
RIDGE
ROAD
HOPE
ROAD
MARK RD.
ROBERT
ROAD
ROAD
ROAD

REMOVE AND INSTALL CONCRETE SIDEWALK (TYP.)

REMOVE 10 FEET OF EXISTING RETAINING WALL TO BE PAID FOR UNDER ITEM #0974005 "REMOVAL OF EXISTING RETAINING WALL

REMOVE AND RELOCATE EXISTING NEWSPAPER BOXES TO BE PAID FOR UNDER ITEM #0201500A "RELOCATION OF MAILBOS"

REMOVE AND RELOCATE EXISTING MAILBOX

BITUMINOUS CONCRETE DRIVEWAY (TYP.)

REMOVE BLOCK/STONE DRIVEWAY EDGING TO BE PAID FOR UNDER ITEM #0201198 "REMOVE AND RELOCATE STONES"

REMOVE AND RELOCATE EXISTING MAILBOX

REMOVE AND RELOCATE EXISTING MAILBOX

5' WIDE CONCRETE SIDEWALK (TYP.)

3' WIDE SNOW SHELF (TYP.)

BITUMINOUS CONCRETE LIP CURBING (TYP.)

PROTECT EXISTING UTILITY POLE

REMOVE AND RELOCATE ROCKS TO BE PAID FOR UNDER ITEM #0201198 "REMOVE AND RELOCATE STONES"

REMOVE AND RELOCATE EXISTING MAILBOX

CUT BITUMINOUS CONCRETE PAVEMENT (TYP.)

SEDIMENTATION CONTROL SYSTEM (TYP.)

APPROXIMATE SLOPE LIMITS (TYP.)

RELOCATE EXISTING UTILITY POLE (BY OTHERS)

RELOCATE EXISTING UTILITY POLE (BY OTHERS)

REMOVE AND RELOCATE EXISTING MAILBOX

REMOVE AND DISPOSE EXISTING TREES TO BE PAID FOR UNDER ITEM #201012A "REMOVAL OF TREES" (TYP.)

NEW LOCATION FOR SIGN (31-5505)

REMOVE AND RELOCATE SIGN

RELOCATE EXISTING UTILITY POLE (BY OTHERS)

REMOVE BLOCK/ STONE DRIVEWAY EDGING TO BE PAID FOR UNDER ITEM #0201198 "REMOVE AND RELOCATE STONES"

REMOVE AND DISPOSE EXISTING SIGNPOST TO BE PAID FOR UNDER ITEM #1206023A "REMOVAL AND RELOCATION OF EXISTING SIGNS".

REMOVE AND RELOCATE EXISTING MAILBOX

MATCHLINE STA. 62+50 SEE DWG. NO. CP-106

MATCHLINE STA. 68+50 SEE DWG. NO. CP-108

SHRUB ROAD

C16 PC 62+75.33 PT 62+96.22

S79° 08' 40"E 103.95'

C17 PC 64+00.17 PT 66+64.36

S75° 46' 50"E 133.69'

C18 PC 67+98.05

NEW LOCATION FOR SIGNS (W-SERIES - "HIDDEN DRIVE" AND W-SERIES - "SLOW")

REMOVE AND RELOCATE SIGN

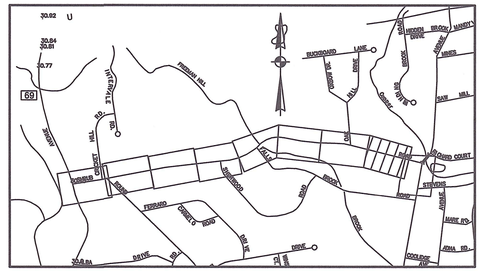
CUT BITUMINOUS CONCRETE PAVEMENT

STA 46+21 TO STA 69+76 4" WHITE EPOXY RESIN PAVEMENT MARKINGS

STA 59+85 TO STA 69+75 4" WHITE EPOXY RESIN PAVEMENT MARKINGS

REMOVE BLOCK/ STONE DRIVEWAY EDGING TO BE PAID FOR UNDER ITEM #0201198 "REMOVE AND RELOCATE STONES"

STA 60+77 TO STA 69+75 4" YELLOW EPOXY RESIN PAVEMENT MARKINGS DOUBLE YELLOW LINE



KEY PLAN

SCALE: 1" = 1000'

R2 – SERIES

R2-1 SPEED LIMIT 30

1 SIGN

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
5.00	24X30	31-5505	1	.080
7.50	30X36	31-5504	1	.080
12.00	36X48	31-5506	2	.100
20.00	48X60	31-5507	2	.100

W? – SERIES

W? HIDDEN DRIVEWAY

1 SIGN

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36		1	.080
16.00	48		2	.100

W – SERIES

W SLOW

1 SIGN

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9	36		1	

NOTE : FINAL LOCATION OF ALL RELOCATED SIGNS IS SUBJECT TO CITY OF BRISTOL'S APPROVAL. NEW SIGN LOCATION TO BE DETERMINED DURING CONSTRUCTION

NOTES

1. PROTECT ELEMENTS IN CONTRACT LIMITS NOT TO BE REMOVED AND DISPOSED.
2. ALL BRANCHES OF TREES EXTENDING WITHIN THE ROADWAY SHALL BE TRIMMED AS DIRECTED TO PROVIDE A 16-FOOT MINIMUM VERTICAL CLEARANCE INCLUDING SELECTIVE TRIMMING OF SUCH TREES AS DIRECTED. THIS WORK SHALL BE PAID FOR UNDER ITEM #0952001A "SELECTIVE CLEARING AND THINNING".
3. RESTORE ALL DISTURBED EXISTING DRIVES UP TO THE EDGE OF ROW.
4. ALL EXISTING DRAINAGE STRUCTURES SHALL BE CLEANED OUT AND PAID FOR UNDER ITEM NO.0653630 "CLEAN EXISTING DRAINAGE STRUCTURE".
5. SEE CTDOT GUIDE SHEETS FOR CONCRETE SIDEWALK RAMP DETAILS. BOTH INDEX AND SHEETS 1-11.
6. ALL EXISTING PAVEMENT MARKINGS ALONG SHRUB ROAD SHALL BE REMOVED.

SCHEDULE OF RIGHTS AND EASEMENTS

(A) RIGHT TO CONSTRUCT DRIVEWAY REQUIRED

(B) EASEMENT TO SLOPE FOR THE SAFETY OF THE HIGHWAY & REMOVE, USE OR RETAIN EXCAVATED MATERIAL REQUIRED

LEGEND

- CONCRETE SIDEWALK - 8" THICK
- BITUMINOUS CONCRETE DRIVEWAY (TYP.)
- CUT BITUMINOUS CONCRETE PAVEMENT DRIVEWAY/ROADWAY
- RS RAMPED SLOPED SECTION OF CONCRETE SIDEWALK RAMP
- TS TURNING SPACE SECTION OF CONCRETE SIDEWALK RAMP

40 20 0 20 40

SCALE IN FEET

REV.	DATE	REVISION DESCRIPTION	SHEET NO.	PLOTTED DATE:

DRAFTER: EW
DESIGNER: EW
CHECKED BY: SG
APPROVED BY: RP

ENGINEER: AI Engineers
919 MIDDLE STREET
MIDDLETOWN, CT 06457

FILENAME: 3401-CP SERIES (SITE PLANS).DWG

SIGNATURE/ BLOCK:

PROJECT TITLE:
CITY OF BRISTOL
THE INSTALLATION OF SIDEWALKS ALONG SHRUB ROAD

TOWN: **BRISTOL**

DRAWING TITLE: **SITE PLAN - 8**

PROJECT NO. **3401**
DRAWING NO. **CP-107**
SHEET NO.

D3 – SERIES

D3-1

Variable Road Name

1 SIGN

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
_6.00	48X18	51–2004	2	.100
_7.50	60X18	51–2001	2	.100
_9.00	72X18	51–2002	2	.125
10.50	84X18	51–2003	2	.125

R1 – SERIES

R1-1

STOP

LEGEND – WHITE
BACKGROUND – RED

3 SIGN

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
_1.85	__18_	31–0532	1	.080
_5.19	__30_	31–0552	1	.080
_7.98	__36_	31–0553	1	.080
_13.3	__48_	31–0557	2	.100

W6 – SERIES

W6-3

1 SIGN

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
			_	
_9.00	__36_	41–4329	1	.080
16.00	__48_	41–4331	2	.100
			_	

R1 – SERIES

R1-3P

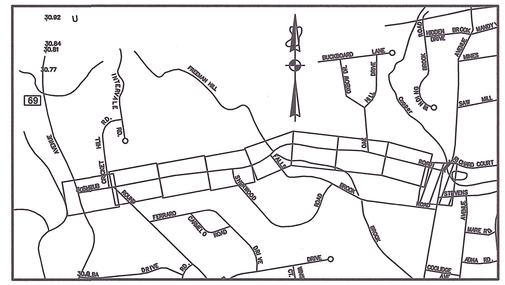
ALL–WAY

LEGEND – WHITE
BACKGROUND – RED

3 SIGNS

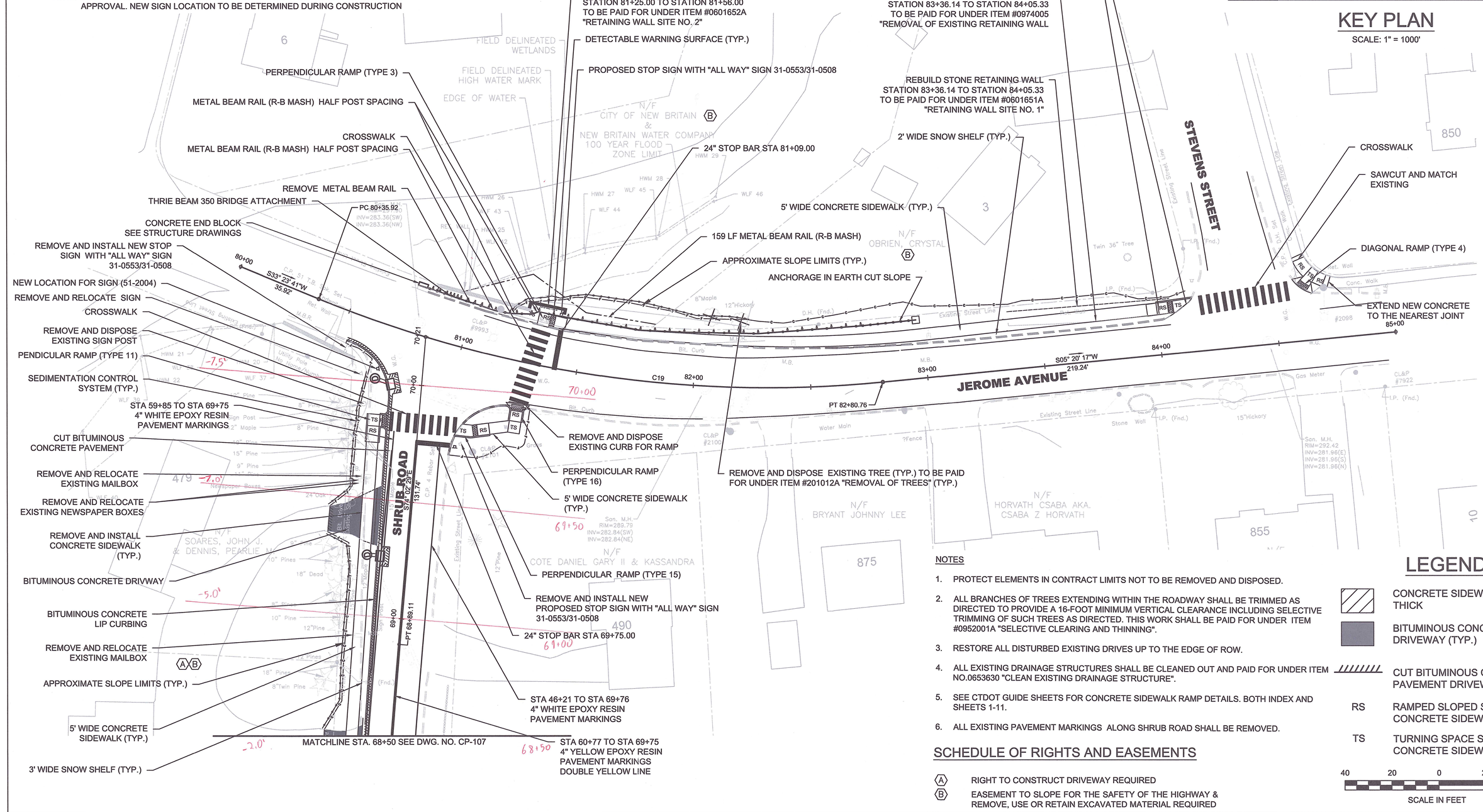
AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
			_	
_0.75	_18X6	31–0508	_	.080
			_	

NOTE : FINAL LOCATION OF ALL RELOCATED SIGNS IS SUBJECT TO CITY OF BRISTOL'S APPROVAL. NEW SIGN LOCATION TO BE DETERMINED DURING CONSTRUCTION



KEY PLAN

SCALE: 1" = 1000'



NOTES

1. PROTECT ELEMENTS IN CONTRACT LIMITS NOT TO BE REMOVED AND DISPOSED.
2. ALL BRANCHES OF TREES EXTENDING WITHIN THE ROADWAY SHALL BE TRIMMED AS DIRECTED TO PROVIDE A 16-FOOT MINIMUM VERTICAL CLEARANCE INCLUDING SELECTIVE TRIMMING OF SUCH TREES AS DIRECTED. THIS WORK SHALL BE PAID FOR UNDER ITEM #0952001A "SELECTIVE CLEARING AND THINNING".
3. RESTORE ALL DISTURBED EXISTING DRIVES UP TO THE EDGE OF ROW.
4. ALL EXISTING DRAINAGE STRUCTURES SHALL BE CLEANED OUT AND PAID FOR UNDER ITEM NO.0653630 "CLEAN EXISTING DRAINAGE STRUCTURE".
5. SEE CTDOT GUIDE SHEETS FOR CONCRETE SIDEWALK RAMP DETAILS. BOTH INDEX AND SHEETS 1-11.
6. ALL EXISTING PAVEMENT MARKINGS ALONG SHRUB ROAD SHALL BE REMOVED.

SCHEDULE OF RIGHTS AND EASEMENTS

(A) RIGHT TO CONSTRUCT DRIVEWAY REQUIRED

(B) EASEMENT TO SLOPE FOR THE SAFETY OF THE HIGHWAY & REMOVE, USE OR RETAIN EXCAVATED MATERIAL REQUIRED

LEGEND

- CONCRETE SIDEWALK - 8" THICK
- BITUMINOUS CONCRETE DRIVEWAY (TYP.)
- CUT BITUMINOUS CONCRETE PAVEMENT DRIVEWAY/ROADWAY
- RS RAMPED SLOPED SECTION OF CONCRETE SIDEWALK RAMP
- TS TURNING SPACE SECTION OF CONCRETE SIDEWALK RAMP

40 20 0 20 40

SCALE IN FEET

REV.	DATE	REVISION DESCRIPTION	SHEET NO.	PLOTTED DATE:

DRAFTER: EW
DESIGNER: EW
CHECKED BY: SG
APPROVED BY: RP

ENGINEER: AI Engineers
919 MIDDLE STREET
MIDDLETOWN, CT 06457
FILENAME: 3401–CP SERIES (SITE PLANS).DWG

SIGNATURE/ BLOCK:

PROJECT TITLE:
CITY OF BRISTOL
THE INSTALLATION OF SIDEWALKS ALONG SHRUB ROAD

TOWN: **BRISTOL**
DRAWING TITLE: **SITE PLAN - 9**

PROJECT NO. **3401**
DRAWING NO. **CP-108**
SHEET NO.

Bristol
CONNECTICUT
Public Works

Press Release
ROAD RESURFACING & ROADWAY REPAIRS

September 3, 2025

The City of Bristol is scheduled to start its Fall 2025 roadway resurfacing program on September 29, 2025. As part of the program the following streets will be milled and resurfaced:

Century Drive
Crystal Pond Place
Horizon Drive
Enterprise Drive
James P. Casey (Hill to Clark)
Maiden Lane
Delmar Drive
Woodchuck Lane
Glen Eagle Drive
Caesar Drive
Carolina Drive
Georgetown Road
Redstone Hill Rd (Birch to Redstone)
Mix Street (Rte. 6 to Coventry)
Minor Street (Hill to Dead End)

The work will be completed in two phases. The initial phase will consist of milling off the existing bituminous pavement of the road. The second phase will consist of installing a new bituminous roadway surface and will commence shortly after phase one. Once construction is complete, the City will repair any damaged driveway aprons.

There may be minor traffic delays during construction, however the road will remain open for mail delivery, emergency vehicles, and local traffic at all times. Temporary "No Parking" signs will be posted as needed during construction.

If you should have questions or concerns about this project, please feel free to contact Public Works Engineering Division at 584-6297.

City of Bristol - Public Works Department
Web site www.bristolct.gov E-mail publicworks@bristolct.gov
111 North Main Street – Ground Floor
584-6125 or 584-7791

Bristol
CONNECTICUT
All Heart ™

Pavement Management Program (Spring 2026)

10-Mar-25

SCHEDULE	Street Name	Street Length (Ft)	Street Width (Ft)	Tons (Est)	Paving Cost	Mill	Mill Cost	RSR	Total Cost.
S 26	Strawberry Hill Road	1,926	34	819	$110,565	Mill All	$12,733	62	$ 123,298
S 26	Driftwood Road	1,359	29	493	$ 66,555	Mill All	$7,663	66	$ 74,218
S 26	Beechwood Lane	1,359	34	578	$ 78,030	Mill All	$8,985	67	$ 87,015
S 26	Woodchuck Lane	678	31	263	$ 35,505	Mill All	$4,087	56	$ 39,592
S 26	Primrose Lane	646	32	259	$ 34,965	Mill All	$4,020	59	$ 38,985
S 26	Thornside Drive	395	31	153	$ 20,655	Mill All	$2,381	68	$ 23,036
S 26	Jasmine Street	506	30	190	$ 25,650	Mill All	$2,952	59	$ 28,602
S 26	Rosewood Drive	1,294	31	502	$ 67,770	Mill All	$7,800	58	$ 75,570
S 26	Jacqueline Drive	1,582	31	613	$ 82,755	Mill All	$9,536	59	$ 92,291
S 26	Sandra Street	500	30	188	$ 25,380	Mill All	$2,917	59	$ 28,297
S 26	Marvin Street	412	27	140	$ 18,900	Mill All	$2,163	65	$ 21,063
S 26	Hill Street (Marsh to Townline)	4,797	44	2639	$356,265	Mill All	$41,041	62	$ 397,306
S 26	Intervale.Road	1205	34	512	$ 69,120	Mill All	$7,966	61	$ 77,086
S 26	Cricket Hill Road	1,203	34	511	$ 68,985	Mill All	$7,953	63	$ 76,938
S 26	Sperry Road	1,036	34	440	$ 59,400	Mill All	$6,849	52	$ 66,249
S 26	Ashley Rd. (Sperry to Round Hill)	990	34	421	$ 56,835	Mill All	$6,545	31	$ 63,380
S 26	Sessions Street	497	29	180	$ 24,300	Mill All	$2,803	44	$ 27,103
S 26	Puritan Road	623	30	234	$ 31,590	Mill All	$3,634	65	$ 35,224
S 26	Fern Hill Road (Pilgrim to Oakridge)	1,859	30	698	$ 94,230	Mill All	$10,844	61	$ 105,074
S 26	Pilgrim Road	2,136	30	801	$108,135	Mill All	$12,460	64	$ 120,595
S 26	Cambridge Road	495	32	198	$ 26,730	Mill All	$3,080	63	$ 29,810
S 26	Oakwood Cirlce	1,348	31	523	$ 70,605	Mill All	$8,125	59	$ 78,730
S 26	Oak Bluffs Road	363	31	141	$ 19,035	Mill All	$2,188	61	$ 21,223
S 26	N.Main Street (Center to Hope)	1,080	61	824	$111,240	Mill All	$12,810	60	$ 124,050
								Total	$ 1,854,734

Bristol
CONNECTICUT
All Heart™

Pavement Management Program (Fall 2026)

27-Jul-25

SCHEDULE	Street Name	Street Length (Ft)	Street Width (Ft)	Mill	RSR
F 20	Federal Street (Maple to Summer)	745	33	Mill All	65
F 21	Lincoln Place	290	20	Mill All	65
F 22	Richmond Place	537	20	Mill All	63
F 23	Prospect Pl. (Summer to Richmond)	306	20	Mill All	65
F 24	James Drew Lane	369	33	Mill All	51
F 25	Drayla Drive	480	33	Mill All	63
F 26	Mechanic (Wash. to Beacan)	1,037	28	Mill All	33
F 27	Beacon Street	1,062	26	Mill All	55
F 28	East New Street	616	32	Mill All	49
F 29	Cozy Lane	274	33	Mill All	55
F 30	Plank Hill Road	1,783	34	Mill All	61
F 31	Weeping Hill Road	350	32	Mill All	63
F 32	Vincent P. Kelly Road	1,965	32	Mill All	58
F 33	Gaylord Street	921	29	Mill All	53
F 34	Francis Street	372	29	Mill All	62
F 35	Dorothy Road	2,466	28	Mill All	61
F 36	Vance Road	2,354	30	Mill All	44
F 37	Vance Street	1,502	34	Mill All	45
F 38	Hillside Avenue	335	27	Mill All	58
F 39	Seymour Street	1,733	29	Mill All	60
F 40	Skyridge Road	630	33	Mill All	63
F 41	Skytop Drive	411	27	Mill All	65
F 42	Eugene Avenue	1,149	33	Mill All	63
F 43	May Street (Greystone to Dead End)	358	30	Mill All	51
F 44	Molzon Place	599	30	Mill All	60
F 45	Central Avenue	489	28	Mill All	58
F 46	Highland Street	917	28	Mill All	59
F 47	Beech Street	1,187	30	Mill All	56
F 48	Crescent Drive	548	30	Mill All	60
F 49	Ambler Road	1,501	19	Mill All	38
F 50	Alder Street	378	30	Mill All	64

F 51	Cypress Street	1,117	30	Mill All	63
F 52	Willoughby Street	778	30	Mill All	75
F 53	Curtiss Street	1,896	30	Mill All	61
F 54	Dwight Street	329	24	Mill All	60
F 55	Conlon Street	662	33	Mill All	62
F 56	Pardee Street	778	31	Mill All	60
F 57	Irving Street	733	30	Mill All	60
F 58	Williams Street	647	28	Mill All	58

Laura Leger

From: Destefanis, Karen <Karen.Destefanis@wsp.com>
Sent: Thursday, October 30, 2025 4:11 PM
To: Raymond Rogozinski
Cc: Ryan Heller
Subject: Bristol DPW Topsoil Pile
Attachments: (C) Bristol_DPW_Topsoil Memo.pdf

Sensitivity: Confidential

Hi Ray

We got the lab results back from the topsoil and fill pile and I was able to look through them this week.

Attached is our memo regarding the topsoil results.

We are still working on the fill pile memo – hopefully I will get that to you tomorrow or Monday.

Let me know if you have any questions regarding the topsoil evaluation.

Thanks!

Karen

NOTICE: This communication and any attachments ("this message") may contain information which is privileged, confidential, proprietary or otherwise subject to restricted disclosure under applicable law. This message is for the sole use of the intended recipient(s). Any unauthorized use, disclosure, viewing, copying, alteration, dissemination or distribution of, or reliance on, this message is strictly prohibited. If you have received this message in error, or you are not an authorized or intended recipient, please notify the sender immediately by replying to this message, delete this message and all copies from your e-mail system and destroy any printed copies.

-LAEmHhHzdJzBITWfa4Hqs7pbKI

MEMORANDUM

TO: Raymond Rogozinski

FROM: Karen Destefanis, LEP
Michael Manolakas, LEP

DATE: October 30, 2025

SUBJECT: Department of Public Works Yard Topsoil Results

WSP USA (WSP) reviewed the laboratory results from a soil sample collected on June 24, 2025 by the City of Bristol (City) that was submitted to Phoenix Environmental Laboratories, Inc. (Phoenix). The soil sample was collected from a topsoil pile that was generated during work associated with a Natural Resources Conservation Services (NRCS) grant to remove a house and regrade the property. The material was generated from property with presumably a clean site history. The topsoil generated from these activities were delivered to the City's property located on Peacedale Street and have remained isolated. The City property, although zoned for residential use, contains no residential structure, is surrounded by a gated fence and is used by the City's Department of Public Works (DPW) for stockpiling soils generated during City projects. The Peacedale Street property is located in an area identified by the Connecticut Department of Energy and Environmental Protection (CTDEEP) as a "GA" groundwater quality classification area.

Review of the June 2025 sample results indicate that the topsoil meets the CTDEEP Remediation Standard Regulations (RSRs) Residential (R) Direct Exposure Criteria (DEC) and the Pollutant Mobility Criteria (PMC) with the exception of benzo(b)fluoranthene, a polynuclear aromatic hydrocarbon (PAHs), and extractable total petroleum hydrocarbons (ETPH). The detections are believed to be associated with the trace asphalt fragments found in the topsoil pile. All concentrations were below the Industrial/Commercial (I/C) DEC (Table 1 and Table 2). In addition to PAHs and ETPH, the sample was analyzed for pesticides, herbicides, volatile organic compounds (VOCs), and PCBs. There were no detections of any of these parameters above the laboratory reporting limits. These data support that there is no evidence of filling, industrial or agricultural use at the property where the topsoil was generated. The sample was also analyzed for 15 metals (via synthetic precipitation leaching procedure (SPLP)) and only arsenic, barium, copper, vanadium and zinc were detected, all at concentrations well below the GA PMC (Table 3).

On September 29, 2025, WSP collected one representative sample from the topsoil pile at the DPW yard. The sample was submitted to Phoenix and analyzed for PAHs and ETPH via SPLP for the purpose of comparing the results to an alternative PMC. The results showed it to be compliant with the GA PMC (no constituents were detected above the laboratory reporting limit or the Groundwater Protection Criteria).

The laboratory reports are provided at the end of this memorandum.

WSP USA
6 Research Drive, Suite 260
Shelton, CT 06484

Phone: +1 (203) 929-8555
Fax: +1 (203) 926-9140
wsp.com

The Site is not entered into a CTDEEP remedial program or subject to a consent order, as such, the soil criteria within the CTDEEP RSRs can be used as guidance. The property has historically been used by the City for industrial/commercial activities, and our understanding is that it will continue to be used in this capacity. For this situation, the I/C DEC would be the appropriate criteria for comparison of the soil results. As the soil criteria meet the I/C DEC, they are appropriate for use on the Site. If the Site were entered into a CTDEEP remedial program or subject to a consent order, the recording of an Environmental Use Restriction (EUR) prohibiting residential use of the property would be required.

Beginning on March 1, 2026, Release-Based Cleanup Regulations (RBCR) will go into effect. These regulations will require a major change to reporting and site remediation requirements. This includes reporting new or newly-discovered past releases to CTDEEP. As sampling of the topsoil occurred prior to March 1, 2026, the results are not subject to the RBCR.

cmm
Enclosures
H:\Bristol, City of\2025\DPW_topsoil memomm.docx

TABLES

TABLE 1
TOWN OF BRISTOL
BRISTOL, CONNECTICUT

Summary of Polynuclear Aromatic Hydrocarbons Detected in Topsoil Sample

Sample ID	Date	Acenaphthylene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Fluoranthene	Indeno(1,2,3-cd)pyrene	Phenanthrene	Pyrene
Topsoil [1/]	6/24/2025	0.38	0.74	0.92	1.4*	0.67	0.43	0.94	1.5	0.59	0.53	1.4
GA Pollutant Mobility Criteria (GA PMC) [1/]		8	1	1	1	1	1	1	5.6	1	4	4
Residential Direct Exposure Criteria (RDEC) [1/]		1,000	1	1	1	8.4	8.4	84	1,000	1	1,000	1,000
I/C Direct Exposure Criteria (I/C DEC) [1/]		2,500	7.8	1	7.8	78	78	780	2,500	7.8	2,500	2,500
SPLP PAHs												
WSP Topsoil [2/]	9/29/2025	ND<0.48	ND<0.05	ND<0.19	ND<0.07	ND<0.46	ND<0.29	ND<0.48	ND<0.48	ND<0.10	ND<0.06	ND<0.48
GA Groundwater Protection Criteria (GWPC) [2/]		420	0.06	0.2	0.08	0.48	0.5	4.8	280	0.1	200	200

* 9/29/2025 Sample analyzed by SPLP and results did not detect any constituents above the laboratory reporting limit or the Groundwater Protection Criteria. Therefore, the sample meets the GA PMC.
Detected above the RDEC.
I/C: Industrial/Commercial
ND<: Concentration was not detected above the laboratory reporting limit.
1/ Reported in milligrams per kilogram
2/ Reported in micrograms per liter
CTDEEP: Connecticut Department of Energy and Environmental Protection
RSR: Remediation Standard Regulations

TABLE 2
TOWN OF BRISTOL
BRISTOL, CONNECTICUT

Summary of ETPH Detected in Topsoil Sample

Lab ID	Date	CT ETPH
Topsoil [1/]	6/24/2025	580*
CTDEEP RSR Residential Direct Exposure Criteria (RDEC)		500
CTDEEP RSR Industrial/Commercial Direct Exposure Criteria (I/C DEC)		2,500
GA Pollutant Mobility Criteria (GA PMC)		500
SPLP ETPH		
WSP Topsoil [2/]	9/29/2025	ND<0.12
Groundwater Protection Criteria		0.25

* Sample analyzed by SPLP and results did not detect any constituents above the laboratory reporting limit or Groundwater Protection criteria, therefore the sample meets the GA PMC.
Detected above the RDEC.
1/ Reported in milligrams per kilogram
2/ Reported in milligrams per liter
ND: Not detected
CTDEEP: Connecticut Department of Energy and Environmental Protection
RSR: Remediation Standard Regulations

TABLE 3
TOWN OF BRISTOL
BRISTOL, CONNECTICUT

Summary of SPLP Metals Detected in Topsoil Sample

Sample ID	Date Collected	Arsenic (mg/L)	Barium (mg/L)	Copper (mg/L)	Vanadium (mg/L)	Zinc (mg/L)
Topsoil	6/24/2025	0.005	0.011	0.011	0.01	0.029
CTDEEP RSR GA Pollutant Mobility Criteria		0.05	1	1.3	0.05	5

SPLP - Synthetic Precipitation Leaching Procedure
mg/L: milligrams per liter
CTDEEP: Connecticut Department of Energy and Environmental Protection
RSR: Remediation Standard Regulations

LABORATORY REPORT

WSP USA

PHOENIX
Environmental Laboratories, Inc.

Wednesday, October 08, 2025

Attn: Karen Destefanis
WSP USA Inc
6 Research Dr Suite 260
Shelton, CT 06484

Project ID: BRISTOL DPW
SDG ID: GCU36378
Sample ID#s: CU36378 - CU36379

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Sample Id Cross Reference

October 08, 2025

SDG I.D.: GCU36378

Project ID: BRISTOL DPW

Client Id	Lab Id	Matrix	Col Date
WSP TOPSOIL	CU36378	SOIL	09/29/25 9:35
WSP FILL	CU36379	SOIL	09/29/25 9:25

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

Analysis Report

October 08, 2025

FOR: Attn: Karen Destefanis
WSP USA Inc
6 Research Dr Suite 260
Shelton, CT 06484

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	MS	09/29/25	9:35
Location Code:	WSP-DAS	Received by:	SR1	09/29/25	11:39
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	P139596US001				

Laboratory Data

SDG ID: GCU36378
Phoenix ID: CU36378

Project ID: BRISTOL DPW
Client ID: WSP TOPSOIL

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
SPLP ETPH Extraction	Completed				10/02/25	L/K	SW3510C/SW3520C
SPLP Extraction for Organics	Completed				09/30/25	GW	SW1312
SPLP Semivolatiles (SIM) Ext.	Completed				10/02/25	L/K	SW3510C/SW3520C
SPLP TPH by GC (Ext. Products)							
Ext. Petroleum HC	ND	0.12	mg/L	1	10/03/25	JRB	CT ETPH
Identification	ND		mg/L	1	10/03/25	JRB	CT ETPH
QA/QC Surrogates							
% Terphenyl (surr)	75		%	1	10/03/25	JRB	50 - 150 %
SPLP Semivolatiles by SIM							
2-Methylnaphthalene	ND	0.48	ug/L	1	10/03/25	MR	SW8270E (SIM)
Acenaphthene	ND	0.48	ug/L	1	10/03/25	MR	SW8270E (SIM)
Acenaphthylene	ND	0.29	ug/L	1	10/03/25	MR	SW8270E (SIM)
Anthracene	ND	0.48	ug/L	1	10/03/25	MR	SW8270E (SIM)
Benz(a)anthracene	ND	0.05	ug/L	1	10/03/25	MR	SW8270E (SIM)
Benzo(a)pyrene	ND	0.19	ug/L	1	10/03/25	MR	SW8270E (SIM)
Benzo(b)fluoranthene	ND	0.07	ug/L	1	10/03/25	MR	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.46	ug/L	1	10/03/25	MR	SW8270E (SIM)
Benzo(k)fluoranthene	ND	0.29	ug/L	1	10/03/25	MR	SW8270E (SIM)
Chrysene	ND	0.48	ug/L	1	10/03/25	MR	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.10	ug/L	1	10/03/25	MR	SW8270E (SIM)
Fluoranthene	ND	0.48	ug/L	1	10/03/25	MR	SW8270E (SIM)
Fluorene	ND	0.48	ug/L	1	10/03/25	MR	SW8270E (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.10	ug/L	1	10/03/25	MR	SW8270E (SIM)
Naphthalene	ND	0.48	ug/L	1	10/03/25	MR	SW8270E (SIM)
Phenanthrene	ND	0.06	ug/L	1	10/03/25	MR	SW8270E (SIM)

Project ID: BRISTOL DPW
Client ID: WSP TOPSOIL

Phoenix I.D.: CU36378

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Pyrene	ND	0.48	ug/L	1	10/03/25	MR	SW8270E (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	59		%	1	10/03/25	MR	30 - 130 %
% Nitrobenzene-d5	88		%	1	10/03/25	MR	30 - 130 %
% Terphenyl-d14	47		%	1	10/03/25	MR	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
October 08, 2025
Reviewed and Released by: Ethan Lee, Project Manager

Bureau of Water Protection and Land Reuse
Remediation Division

REASONABLE CONFIDENCE PROTOCOL LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name Phoenix Environmental Labs, Inc.	Client Name WSP USA Inc
Project Location BRISTOL DPW	Project No.
Sampling Date(s) 9/29/2025	Laboratory Sample ID(s): CU36378, CU36379

LIST RCP METHODS USED (e.g., 8260,8270, etc.) 1311/1312, 8081, 8270, ETPH

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method-specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	**VPH and EPH methods only:** Was the VPH or EPH method conducted without significant modifications (see respective RCPs)	☐ Yes ☐ No ☑ NA
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (≤6° C)? *If samples were received by the laboratory on the same day of collection and were stored and transported to the laboratory on ice, cooler temperatures above 6ºC are acceptable.*	☑ Yes ☐ No ☐ NA
4	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents acheived? See Section: ETPH Narration.	☐ Yes ☑ No
5	Were reporting limits / limits of quantitation specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5a	Were these reporting limits / limits of quantitation met?	☐ Yes ☑ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set for applicable RCPs?	☐ Yes ☑ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence." This form may not be altered, and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Ethan Lee **Position:** Project Manager

Printed Name: Ethan Lee **Date:** Wednesday, October 08, 2025

Name of Laboratory Phoenix Environmental Laboratory, Inc.

This certification form is to be used for RCP methods only.

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

October 08, 2025

SDG I.D.: GCU36378

SDG Comments

8270 Semi-volatile Organics:
The client requested a short list for 8270 RCP Semivolatile. Only the PAH constituents are reported as requested on the chain-of-custody.

Sample(s) required a dilution for Pesticides due to a matrix interference and/or the presence of non-target material in the sample. This resulted in elevated reporting limits that exceed the requested criteria for one or more analytes.

ETPH Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

QC Batch 806276 (Samples: CU36378): -----

The LCS and/or the LCSD recovery is above the upper range for one or more analytes that were not reported in the sample(s), therefore no significant bias is suspected. (Ext. Petroleum H.C. (C9-C36))

QC Batch 806531 (Samples: CU36379): -----

The blank surrogate was below criteria. (% Terphenyl-d14(CU34230))

Instrument:

AU-FID1 10/04/25-1 Jeff Bucko, Chemist 10/04/25

CU36379 (10X)

The initial calibration (ET_0827I) RSD for the compound list was less than 30% except for the following compounds: None.
As per section 7.2.3, a discrimination check standard was run (O04A004_1) and contained the following outliers: None.
The continuing calibration %D for the compound list was less than 30% except for the following compounds:None.

AU-XL1 10/03/25-1 Jeff Bucko, Chemist 10/03/25

CU36378 (1X)

The initial calibration (ET_0811I) RSD for the compound list was less than 30% except for the following compounds: None.
As per section 7.2.3, a discrimination check standard was run (O03A003_1) and contained the following outliers: None.
The continuing calibration %D for the compound list was less than 30% except for the following compounds:None.

QC (Batch Specific):

Batch 806276 (CU38589)

CU36378

All LCS recoveries were within 60 - 120 with the following exceptions: Ext. Petroleum H.C. (C9-C36)(122%)
All LCSD recoveries were within 60 - 120 with the following exceptions: None.
All LCS/LCSD RPDs were less than 20% with the following exceptions: None.
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.
Additional surrogate criteria: LCS acceptance range is 60-120% Sur. acceptance range 50-150%.

Batch 806531 (CU34230)

CU36379

All LCS recoveries were within 60 - 120 with the following exceptions: None.
All LCSD recoveries were within 60 - 120 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
Additional surrogate criteria: LCS acceptance range is 60-120% Sur. acceptance range 50-150%.

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

October 08, 2025

SDG I.D.: GCU36378

SVOA Narration

The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.

CHEM19 10/06/25-1 Matt Richard, Chemist 10/06/25

CU36379 (5X)

For 8270 full list, the DDT breakdown and pentachlorophenol & benzidine peak tailing were evaluated in the DFTPP tune and were found to be in control.
For 8270 BN list, benzidine peak tailing was evaluated in the DFTPP tune and was found to be in control.

Initial Calibration Evaluation (CHEM19/19_BNa_1002):
100% of target compounds met criteria.
The following compounds had %RSDs >20%: None.
The following compounds did not meet recommended response factors: None.

Continuing Calibration Verification (CHEM19/1006_03-19_BNa_1002):
Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
100% of target compounds met criteria.
The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.

QC (Batch Specific):

Batch 806531 (CU34230)

CU36379

All LCS recoveries were within 40 - 140 with the following exceptions: None.
All LCSD recoveries were within 40 - 140 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
Additional 8270 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

SVOASIM Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument:

CHEM25 10/03/25-1 Matt Richard, Chemist 10/03/25

CU36378 (1X)

For 8270 BN list, benzidine peak tailing was evaluated in the DFTPP tune and was found to be in control.

Initial Calibration Evaluation (CHEM25/25_BNSIM18_0926):
100% of target compounds met criteria.
The following compounds had %RSDs >20%: None.
The following compounds did not meet recommended response factors: None.

Continuing Calibration Verification (CHEM25/1003_08-25_BNSIM18_0926):
Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
95% of target compounds met criteria.

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

October 08, 2025

SDG I.D.: GCU36378

SVOASIM Narration

The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.

QC (Batch Specific):

Batch 806275 (CU38272)

CU36378

All LCS recoveries were within 30 - 130 with the following exceptions: None.
All LCSD recoveries were within 30 - 130 with the following exceptions: None.
All LCS/LCSD RPDs were less than 20% with the following exceptions: None.
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.
Additional 8270 criteria:20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

Temperature Narration

The samples were received at 1.3C with cooling initiated.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Temp 13 °C Coolant: IPK ☑ ICE ☐ Cooler: Yes ☑ No ☐ No ☐

Pg 1 of 1

PHOENIX Environmental Laboratories, Inc.

CT/MA/RI CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: makrina@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-1102

Data Delivery/Contact Options:
Phone:
Email(s): KAREN.DESTEFANIS@WSP.COM

Customer: WSP
Address: 6 RESEARCH DR
STE 260
SHELTON CT 06484

Project: BRISTOL DPW
Report to (name): KAREN DESTEFANIS
Invoice to: KAREN DESTEFANIS
Quote #

Project P.O: P13959GU5001

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: Mulani Shpend Date: 9/29/25

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe OIL=Oil
B=Bulk L=Liquid X = _____(Other)

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled (2025)	Time Sampled	*MS/MSD (May be billable at analysis unit rate)	CT ETPH	PAHs 8270	PESTICIDES 8081	CTETPH - SPLP	PAHs- SPLP	KBD	GL Amber 8 oz. [ ] w/H3PO4 [ ] NaHSO4	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
36378	WSP TOPSOIL	S	9/29	0935		X	X		X	X												1	
36379	WSP FILL	S	9/29	0925		X	X	X														2	

Relinquished by:	Accepted by:	Date:	Time:
Mulani Shpend GT/WSP		9/29/25	1539
		9/29/25	11:39

Comments, Special Requirements or Regulations:
Note - Additional SPLP analysis for WSP Fill may be requested
SPLP CTETPH and SPLP PAHs only for WSP Topsoil Sample - KBD 9/30/25

Turnaround Time:
☐ 1 Day* ☐ 2 Days* ☐ 3 Days* ☐ 4 Days* ☐ 5 Days*
☒ Standard ☐ Other _____

*MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.

* SURCHARGES MAY APPLY

RI
☐ RES DEC
☐ I/C DEC
☐ GA Leachability
☐ GB Leachability
☐ GA -GW Objectives
☐ GB -GW Objectives
☐ Other

CT
☒ RCP Cert
☐ GWPC
☐ SWPC
☐ GA PMC
☐ GB PMC
☐ SWPC
RES ☐ DEC ☐ VC
I/C ☐ DEC ☐ VC

MA
☐ MCP Certification
☐ GW-1 ☐ RCS-1 / RCGW-1
☐ GW-2 ☐ RCS-2 / RCGW-2
☐ GW-3 ☐ S-1 Calc.
☐ S-1
☐ S-2
☐ S-3
☐ SW Protection

State where samples were collected: CT

Data Format
☒ Excel
☒ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ Tier II Checklist*
☐ Full Data Package*
☐ Phoenix Std
☐ MAT-212 Form

* SURCHARGE APPLIES

Form PEL-126 Rev. 1/25

Page 3 of 3

Laura Leger

From: Destefanis, Karen <Karen.Destefanis@wsp.com>
Sent: Thursday, November 6, 2025 3:21 PM
To: Raymond Rogozinski
Cc: Ryan Heller
Subject: RE: Bristol DPW Fill Pile
Attachments: (C) Bristol_DPW Fill Results Memo.pdf

Sensitivity: Confidential

Hi Ray

Attached is our memo regarding the fill pile results.

Let me know if you have any questions regarding the evaluation.

Thanks!

Karen

NOTICE: This communication and any attachments ("this message") may contain information which is privileged, confidential, proprietary or otherwise subject to restricted disclosure under applicable law. This message is for the sole use of the intended recipient(s). Any unauthorized use, disclosure, viewing, copying, alteration, dissemination or distribution of, or reliance on, this message is strictly prohibited. If you have received this message in error, or you are not an authorized or intended recipient, please notify the sender immediately by replying to this message, delete this message and all copies from your e-mail system and destroy any printed copies.

-LAEmHhHzdJzBITWfa4Hgs7pbKI

MEMORANDUM

TO: Raymond Rogozinski

FROM: Karen Destefanis, LEP (KBD)
Michael Manolakas, LEP (MM)

DATE: November 6, 2025

SUBJECT: Department of Public Works Yard Fill Results

WSP USA (WSP) reviewed the laboratory results from a fill soil sample collected on June 24, 2025 by the City of Bristol (City) that was submitted to Phoenix Environmental Laboratories, Inc. (Phoenix). The sample was collected from a fill soil pile located on City-owned property on Peacedale Street that is used by the City's Department of Public Works for stockpiling soils generated during City projects. The City generates fill as part of their public works operations and is not from properties that are in any Connecticut Department of Energy and Environmental Protection Connecticut (CTDEEP) remedial programs (i.e., transfer act, voluntary, order, RCRA Corrective Action, Solid Waste, etc.). The fill is often generated from areas that have been paved, so the material consists of natural soils and asphalt fragments that are stored at the storage yard. The City property, although zoned for residential use, contains no residential structure and is surrounded by a gated fence. The Peacedale Street property is located in an area identified by the CTDEEP as a "GA" groundwater quality classification area.

As the property is not in a CTDEEP remedial program or under a consent order, soil and groundwater criteria are currently not established for this Site. Criteria outlined in the CTDEEP Remediation Standard Regulations (RSR) have been used as benchmarks in the following discussion.

Review of the June 24, 2025 sample results indicate that the fill does not meet the CTDEEP RSRs Residential (R) Direct Exposure Criteria (DEC), the Industrial/Commercial (I/C) DEC and/or the Pollutant Mobility Criteria (PMC) for several polynuclear aromatic hydrocarbon (PAHs), extractable total petroleum hydrocarbons (ETPH) and some pesticides (Tables 1 – 3). The PAH and ETPH detections are believed to be associated with the asphalt fragments found throughout the fill soil pile. In addition to PAHs, ETPH, herbicides and pesticides, the sample was analyzed for volatile organic compounds (VOCs), and PCBs. There were no detections of any of these parameters above the laboratory reporting limits. The sample was also analyzed for 15 metals (via synthetic precipitation leaching procedure (SPLP)) and only barium and zinc were detected, all at concentrations well below the GA PMC (Table 4).

On September 29, 2025, WSP collected one representative sample from the fill pile at the Department of Public Works (DPW) yard. The sample was submitted to Phoenix and analyzed for PAHs (EPA Method 8270), ETPH (CT ETPH) and pesticides (EPA Method 8081B). The laboratory reports are provided at the end of this memorandum.

WSP USA
6 Research Drive, Suite 260
Shelton, CT 06484

Phone: +1 (203) 929-8555
Fax: +1 (203) 926-9140
wsp.com

There were no detections of pesticides in the sample. The sample contained concentrations of several PAH compounds above GA PMC and/or RDEC. In addition, two PAHs (benzo(a)pyrene and indeno(1,2,3-cd)pyrene) were detected at concentrations above I/C DEC (Table 1). The sample also contained a concentration of ETPH above GA PMC and RDEC but below I/C DEC (Table 2). PAHs and ETPH are commonly detected in asphalt, and their presence is believed to be associated with the large quantity of asphalt fragments observed in the fill pile.

Based on the results, the sample was analyzed for PAHs and ETPH via SPLP for the purpose of comparing the results to an alternative PMC and to confirm the material is *virtually inert* as defined in the definition of clean fill under Section 22a-209-1 of the Solid Waste Management regulations. The ETPH results showed it to be compliant with the GA PMC (not detected above the laboratory reporting limit or the Groundwater Protection Criteria (GWPC)) (Table 2). However, four PAH compounds [benzo(a)anthracene, benzo(b)fluoranthene, benzo(a)pyrene and indeno(1,2,3-cd)pyrene] were detected at concentrations above the GWPC (Table 1).

Although SPLP results document four PAHs that do not meet the PMC, the RSRs (per Sections 22a-133k-2(c)(2)(B)(i)(I) and 22a-133k-2(c)(2)(B)(ii)) allow comparison of PAHs in GA areas to 10 times the GWPC when analyzed by SPLP, provided that certain conditions are met. Under Section 22a-133k-2(c)(2)(B)(i)(I), these conditions include that there is no NAPL present, the water table is 15 feet above bedrock and the downward vertical flow is equal to or less than the horizontal flow velocity. There must also be a public water supply available within 200 feet of the parcel (and within 200 feet of all adjacent parcels and within 200 feet of any parcel within the areal extent of the groundwater plume from the release area). Section 22a-133k-2(c)(2)(B)(ii) further specifies that groundwater in the area is not used for drinking water, there is no public or private well located within 500 feet of the property and there is no potential nearby public water supply resource or that the Site is located in an aquifer protection area.

Based on a visual inspection of the fill pile, the material contained natural soils mixed with a large amount of asphalt fragments and no NAPL present. A review of CTDEEP files for the local water table and depth to bedrock were not available. However, a review of the Connecticut Department of Public Health (CT DPH) Public Drinking Water Map shows the area, including south and west of the DPW yard, is served by public water from Bristol Water Department and east of Eastwood Road and northeast of Peacedale Street is served by New Britian Water Department. No records of private water supplies within 500 feet of the DPW was identified on the CTDPH map or on the Bristol Tax Assessor records. In addition, the Site and nearby properties are not within an aquifer protection area, as confirmed by the CTDEEP Aquifer Protection Map. Because the SPLP concentrations of all four PAHs are below 10 times the GWPC, there is public water serving the area, and no nearby sensitive water-supply resource, the fill meets the PMC. Based on the topography (fill is located on land that is at least 20 feet higher than a pond located on the southern portion of the parcel), the depth to bedrock can be assumed to be greater than 15 feet below grade.

As discussed above, two PAHs (benzo(a)pyrene and indeno(1,2,3-cd) were also detected at concentrations above I/C DEC. These PAHs are commonly detected in asphalt, and their presence is believed to be associated with the asphalt fragments found throughout the fill pile. To confirm the materially is *virtually inert,* the SPLP results showed it to be compliant with 10 times the GA PMC, supporting that the materials are virtually inert.

The Site is not entered into a CTDEEP remedial program or subject to a consent order, as such, the soil criteria within the CTDEEP RSRs can be used as guidance. The property has historically been used by the City for industrial/commercial activities, and our understanding is that it will continue to be used in this capacity. For this situation, the I/C DEC would be the appropriate criteria for comparison of the soil results. Using this criterion, all compounds (including ETPH), with the exception of benzo(a)pyrene and indeno(1,2,3-cd)pyrene were detected at concentrations below the I/C DEC, but were

below 10 times the GWPC. Based on the results, this material is not suitable for any offsite use without approval from the CTDEEP.

Clean fill as defined in the Solid Waste Management regulations means:

"(1) natural soil (2) rock, brick, ceramics, concrete, and asphalt paving fragments which are virtually inert and pose neither a pollution threat to ground or surface waters nor a fire hazard and (3) polluted soil as defined in subdivision (45) of subsection (a) of section 22a-133k-1 of the Regulations of Connecticut State Agencies which soil has been treated to reduce the concentration of pollutants to levels which do not exceed the - 1 - Regulations of Connecticut State Agencies TITLE 22a. Environmental Protection Revised: 2016-10-7 Department of Environmental Protection R.C.S.A. §§ 22a-209-1—22a-209-17 §22a-209-1 applicable pollutant mobility criteria and direct exposure criteria established in sections 22a-133k-1 through 22a-133k-3 of the Regulations of Connecticut State Agencies and which soil is reused in accordance with R.C.S.A. subdivision (3) of subsection (h) of section 22a-133k-2 of such regulations."

There are differences in the definition of clean fill in the RSRs and Solid Waste Management regulations. The fill exceeds the I/C DEC, however, meets the definition of clean fill under the Solid Waste Management regulations. The RSRs are risk-based criteria based on exposure and not intended to address material used as a structure. As such, for onsite reuse, it would be appropriate to use the material as a structural road base within the yard. Under this scenario, the material does not pose a threat to groundwater, and as it is a road base, exposure is limited.

Beginning on March 1, 2026, Release-Based Cleanup Regulations (RBCR) will go into effect. These regulations will require a major change to reporting and site remediation requirements. This includes reporting new or newly-discovered past releases to CTDEEP. As sampling of the fill pile occurred prior to March 1, 2026, the results are not subject to the RBCR. Any further sampling of the fill pile should be conducted prior to March 1, 2026 so that the results will not be subject to the RBCR.

cmm
Enclosures
H:\Bristol, City of\2025\DPW fill results memo.docx

TABLES

TABLE 1
TOWN OF BRISTOL
BRISTOL, CONNECTICUT

Summary of Polynuclear Aromatic Hydrocarbons Detected in Fill Soil Sample [1/]

Sample ID	Date Collected	2-Methylnaphthalene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
Earth Fill	6/24/2025	0.42	5	3.6	**6.8**	***11***	**15**	**6.6**	**4.5**	**1.2**	**11**	**1.9**	**0.54**	**16**	1.5	**6.3**	0.37	**12**	**17**
WSP Fill	9/29/2025	ND<0.50	8.2	3.1	**12**	***18***	**19**	**11**	**5.6**	N/A	**12**	**1.9**	N/A	**17**	1.1	***9.4***	N/A	**4.8**	**21**
Pollutant Mobility Criteria (GA PMC)		0.56	8.4	40	1	1	1	1	1	0.2	1	1	0.2	5.6	5.6	1	5.6	4	4
CTDEEP RSR Residential Direct Exposure Criteria (RDEC)		270	1,000	1,000	1	1	1	8.4	8.4	31	84	1	68	1,000	1,000	1	1,000	1,000	1,000
CTDEEP RSR I/C Direct Exposure Criteria (I/C DEC)		1,000	2,500	2,500	57*	5.7*	57*	78	57*	290	780	5.7	1,000	2,500	2,500	7.8	2,500	2,500	2,500
SPLP PAHs																			
WSP Fill	9/29/2025	N/A	ND<0.04	ND<0.06	0.22	0.29	0.25	ND<0.06	ND<0.08	N/A	ND<0.06	ND<0.13	N/A	ND<0.06	ND<0.06	0.29	ND<0.08	ND<0.08	ND<0.06
GA Groundwater Protection Criteria		28	420	2,000	0.06	0.20	0.08	0.48	0.5	5	4.8	0.1	7	280	280	0.10	280	200	200
GA Groundwater Protection Criteria x 10		280	4,200	20,000	0.60	2	0.8	4.8	5	50	48	1	70	2,800	2,800	1	2,800	2,000	2,000

1/ Concentrations reported in milligrams per kilogram (mg/kg)
2/ Concentrations reported in micrograms per liter (ug/L)
Bold detected above the GA PMC
Detected above the RDEC.
Italic detected above the I/CDEC
Detected above Groundwater Protection Criteria
ND<: Concentration was not detected above the laboratory reporting limit
CTDEEP: Connecticut Department of Energy and Environmental Protection
RSR: Remediation Standard Regulations
*Criteria based on CTDEEP April 20, 2023 Additional Polluting Substances

TABLE 2
TOWN OF BRISTOL
BRISTOL, CONNECTICUT

Summary of ETPH Detected in Fill Soil Sample [1/]

Lab ID	Date Collected	CT ETPH
Earth Fill	6/24/2025	1,700
WSP Fill	9/29/2025	1,100
GA Pollutant Mobility Criteria (GA PMC)		500
CTDEEP RSR Residential Direct Exposure Criteria (RDEC)		500
CTDEEP RSR I/C Direct Exposure Criteria (I/C DEC)		2,500
SPLP ETPH [2/]		
WSP Fill	9/29/2025	ND<0.097
Groundwater Protection Criteria [2/]		0.25

* Sample analyzed by SPLP and results did not detect any constituents above the laboratory reporting limit. Therefore the sample meets the GA PMC.

Detected above the RDEC.

1/ Reported in milligrams per kilogram

2/ Reported in milligrams per liter

CTDEEP: Connecticut Department of Energy and Environmental Protection

RSR: Remediation Standard Regulations

TABLE 3
TOWN OF BRISTOL
BRISTOL, CONNECTICUT

Summary of Pesticides Detected in Fill Soil Sample

Sample ID	Date Collected	4,4-DDE mg/kg	4,4-DDT mg/kg
Earth Fill	6/24/2025	0.21	0.016
WSP Fill	9/29/2025	ND<0.0071	ND<0.0071
Pollutant Mobility Criteria (GA PMC)*		0.02	0.003
CTDEEP RSR Residential Direct Exposure Criteria (RDEC)*		1.8	1.8
CTDEEP RSR I/C Direct Exposure Criteria (I/C DEC)*		17	17

*This criterion applies to the sum of all forms of DDT, DDD and DDE
mg/kg: milligrams per kilogram
CTDEEP: Connecticut Department of Energy and Environmental Protection
RSR: Remediation Standard Regulations

TABLE 4
TOWN OF BRISTOL
BRISTOL, CONNECTICUT

Summary of SPLP Metals Detected in Fill Soil Sample

Sample ID	Date Collected	Barium mg/L	Zinc mg/L
Earth Fill	6/24/2025	0.011	0.055
CTDEEP RSR GA Pollutant Mobility Criteria		1	5

SPLP - Synthetic Precipitation Leaching Procedure
mg/L: milligrams per liter
CTDEEP: Connecticut Department of Energy and Environmental Protection
RSR: Remediation Standard Regulations

LABORATORY REPORT

WSP USA

PHOENIX
Environmental Laboratories, Inc.

Friday, October 17, 2025

Attn: Karen Destefanis
WSP USA Inc
6 Research Dr Suite 260
Shelton, CT 06484

Project ID: BRISTOL DPW
SDG ID: GCU36378
Sample ID#s: CU36378 - CU36379

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Sample Id Cross Reference

October 17, 2025

SDG I.D.: GCU36378

Project ID: BRISTOL DPW

Client Id	Lab Id	Matrix	Col Date
WSP TOPSOIL	CU36378	SOIL	09/29/25 9:35
WSP FILL	CU36379	SOIL	09/29/25 9:25

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

Analysis Report

October 17, 2025

FOR: Attn: Karen Destefanis
WSP USA Inc
6 Research Dr Suite 260
Shelton, CT 06484

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	MS	09/29/25	9:25
Location Code:	WSP-DAS	Received by:	SR1	09/29/25	11:39
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	P139596US001				

Laboratory Data

SDG ID: GCU36378
Phoenix ID: CU36379

Project ID: BRISTOL DPW
Client ID: WSP FILL

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	92		%		09/29/25	CV	SW846-%Solid
Soil Extraction for Pesticide	Completed				10/06/25	C/Q	SW3546
Extraction TPH and PAH	Completed				10/03/25	H/Q	SW3546
SPLP ETPH Extraction	Completed				10/14/25	L/RB	SW3510C/SW3520C
SPLP Extraction for Organics	Completed				10/13/25	ak	SW1312
SPLP Semivolatiles (SIM) Ext.	Completed				10/10/25	L/MQ	SW3510C/SW3520C
TPH by GC (Extractable Products)							
Ext. Petroleum H.C. (C9-C36)	1100	540	mg/Kg	10	10/05/25	JRB	CTETPH
Identification	**		mg/Kg	10	10/05/25	JRB	CTETPH
QA/QC Surrogates							
% Terphenyl-d14	Diluted Out		%	10	10/05/25	JRB	50 - 150 %
% Tricosane(C23)	Diluted Out		%	10	10/05/25	JRB	50 - 150 %
Pesticides							
4,4' -DDD	ND	7.1	ug/Kg	10	10/08/25	PS	SW8081B
4,4' -DDE	ND	7.1	ug/Kg	10	10/08/25	PS	SW8081B
4,4' -DDT	ND	7.1	ug/Kg	10	10/08/25	PS	SW8081B
a-BHC	ND	7.1	ug/Kg	10	10/08/25	PS	SW8081B
Alachlor	ND	35	ug/Kg	10	10/08/25	PS	SW8081B
Aldrin	ND	7.1	ug/Kg	10	10/08/25	PS	SW8081B
b-BHC	ND	7.1	ug/Kg	10	10/08/25	PS	SW8081B
Chlordane	ND	66	ug/Kg	10	10/08/25	PS	SW8081B
d-BHC	ND	7.1	ug/Kg	10	10/08/25	PS	SW8081B
Dieldrin	ND	7.1	ug/Kg	10	10/08/25	PS	SW8081B
Endosulfan I	ND	35	ug/Kg	10	10/08/25	PS	SW8081B
Endosulfan II	ND	35	ug/Kg	10	10/08/25	PS	SW8081B

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Endosulfan sulfate	ND	35	ug/Kg	10	10/08/25	PS	SW8081B
Endrin	ND	35	ug/Kg	10	10/08/25	PS	SW8081B
Endrin aldehyde	ND	35	ug/Kg	10	10/08/25	PS	SW8081B
Endrin ketone	ND	35	ug/Kg	10	10/08/25	PS	SW8081B
g-BHC	ND	7.1	ug/Kg	10	10/08/25	PS	SW8081B
Heptachlor	ND	13	ug/Kg	10	10/08/25	PS	SW8081B
Heptachlor epoxide	ND	18	ug/Kg	10	10/08/25	PS	SW8081B
Methoxychlor	ND	180	ug/Kg	10	10/08/25	PS	SW8081B
Toxaphene	ND	330	ug/Kg	10	10/08/25	PS	SW8081B
QA/QC Surrogates							
% DCBP	65		%	10	10/08/25	PS	30 - 150 %
% DCBP (Confirmation)	69		%	10	10/08/25	PS	30 - 150 %
% TCMX	57		%	10	10/08/25	PS	30 - 150 %
% TCMX (Confirmation)	63		%	10	10/08/25	PS	30 - 150 %
SPLP TPH by GC (Ext. Products)							
Ext. Petroleum HC	ND	0.097	mg/L	1	10/15/25	JRB	CT ETPH
Identification	ND		mg/L	1	10/15/25	JRB	CT ETPH
QA/QC Surrogates							
% Terphenyl (surr)	67		%	1	10/15/25	JRB	50 - 150 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	500	ug/Kg	1	10/04/25	MR	SW8270E
Acenaphthene	ND	500	ug/Kg	1	10/04/25	MR	SW8270E
Acenaphthylene	8200	500	ug/Kg	1	10/04/25	MR	SW8270E
Anthracene	3100	500	ug/Kg	1	10/04/25	MR	SW8270E
Benz(a)anthracene	12000	500	ug/Kg	1	10/04/25	MR	SW8270E
Benzo(a)pyrene	18000	2500	ug/Kg	5	10/06/25	MR	SW8270E
Benzo(b)fluoranthene	19000	2500	ug/Kg	5	10/06/25	MR	SW8270E
Benzo(ghi)perylene	11000	500	ug/Kg	1	10/04/25	MR	SW8270E
Benzo(k)fluoranthene	5600	500	ug/Kg	1	10/04/25	MR	SW8270E
Chrysene	12000	500	ug/Kg	1	10/04/25	MR	SW8270E
Dibenz(a,h)anthracene	1900	500	ug/Kg	1	10/04/25	MR	SW8270E
Fluoranthene	17000	2500	ug/Kg	5	10/06/25	MR	SW8270E
Fluorene	1100	500	ug/Kg	1	10/04/25	MR	SW8270E
Indeno(1,2,3-cd)pyrene	9400	500	ug/Kg	1	10/04/25	MR	SW8270E
Naphthalene	ND	500	ug/Kg	1	10/04/25	MR	SW8270E
Phenanthrene	4800	500	ug/Kg	1	10/04/25	MR	SW8270E
Pyrene	21000	2500	ug/Kg	5	10/06/25	MR	SW8270E
QA/QC Surrogates							
% 2-Fluorobiphenyl	51		%	1	10/04/25	MR	30 - 130 %
% Nitrobenzene-d5	78		%	1	10/04/25	MR	30 - 130 %
% Terphenyl-d14	54		%	1	10/04/25	MR	30 - 130 %
% 2-Fluorobiphenyl (5x)	61		%	5	10/06/25	MR	30 - 130 %
% Nitrobenzene-d5 (5x)	56		%	5	10/06/25	MR	30 - 130 %
% Terphenyl-d14 (5x)	60		%	5	10/06/25	MR	30 - 130 %
SPLP Semivolatiles by SIM							
2-Methylnaphthalene	ND	0.66	ug/L	1	10/11/25	MR	SW8270E (SIM)
Acenaphthene	ND	0.66	ug/L	1	10/11/25	MR	SW8270E (SIM)

Project ID: BRISTOL DPW
Client ID: WSP FILL

Phoenix I.D.: CU36379

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	0.40	ug/L	1	10/11/25	MR	SW8270E (SIM)
Anthracene	ND	0.66	ug/L	1	10/11/25	MR	SW8270E (SIM)
Benz(a)anthracene	0.22	0.07	ug/L	1	10/11/25	MR	SW8270E (SIM)
Benzo(a)pyrene	0.29	0.26	ug/L	1	10/11/25	MR	SW8270E (SIM)
Benzo(b)fluoranthene	0.25	0.09	ug/L	1	10/11/25	MR	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.63	ug/L	1	10/11/25	MR	SW8270E (SIM)
Benzo(k)fluoranthene	ND	0.40	ug/L	1	10/11/25	MR	SW8270E (SIM)
Chrysene	ND	0.66	ug/L	1	10/11/25	MR	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.13	ug/L	1	10/11/25	MR	SW8270E (SIM)
Fluoranthene	ND	0.66	ug/L	1	10/11/25	MR	SW8270E (SIM)
Fluorene	ND	0.66	ug/L	1	10/11/25	MR	SW8270E (SIM)
Indeno(1,2,3-cd)pyrene	0.29	0.13	ug/L	1	10/11/25	MR	SW8270E (SIM)
Naphthalene	ND	0.66	ug/L	1	10/11/25	MR	SW8270E (SIM)
Phenanthrene	ND	0.08	ug/L	1	10/11/25	MR	SW8270E (SIM)
Pyrene	ND	0.66	ug/L	1	10/11/25	MR	SW8270E (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	42		%	1	10/11/25	MR	30 - 130 %
% Nitrobenzene-d5	40		%	1	10/11/25	MR	30 - 130 %
% Terphenyl-d14	41		%	1	10/11/25	MR	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

TPH Comment:
**Petroleum hydrocarbon chromatogram contains a multicomponent hydrocarbon distribution in the range of C19 to C36. The sample was quantitated against a C9-C36 alkane hydrocarbon standard.

Pesticide Comment:
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL. Not all requested criteria could be achieved.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
October 17, 2025
Reviewed and Released by: Phyllis Shiller, Laboratory Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

QA/QC Report

October 17, 2025

QA/QC Data

SDG I.D.: GCU36378

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 806531 (mg/Kg), QC Sample No: CU34230 (CU36379)										
TPH by GC (Extractable Products) - Soil										
Ext. Petroleum H.C. (C9-C36)	ND	50	66	68	3.0	74	69	7.0	60 - 120	30
% Terphenyl-d14	57	%	73	75	2.7	78	75	3.9	50 - 150	30
% Tricosane(C23)	84	%	79	83	4.9	84	81	3.6	60 - 150	30
Comment:										
Additional surrogate criteria: LCS acceptance range is 60-120% Sur. acceptance range 50-150%.										
QA/QC Batch 806276 (mg/L), QC Sample No: CU38589 (CU36378)										
TPH by GC (Extractable Products)										
Ext. Petroleum H.C. (C9-C36)	ND	0.10	97	90	7.5				60 - 120	20
% Terphenyl (surr)	77	%	77	77	0.0				50 - 150	20
Comment:										
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.										
Additional surrogate criteria: LCS acceptance range is 60-120% Sur. acceptance range 50-150%.										
QA/QC Batch 808199 (mg/L), QC Sample No: CU46104 (CU36379)										
TPH by GC (Extractable Products)										
Ext. Petroleum H.C. (C9-C36)	ND	0.10	80	83	3.7				60 - 120	20
% Terphenyl (surr)	98	%	90	98	8.5				50 - 150	20
Comment:										
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.										
Additional surrogate criteria: LCS acceptance range is 60-120% Sur. acceptance range 50-150%.										
QA/QC Batch 806796 (ug/Kg), QC Sample No: CU34875 (CU36379)										
Pesticides - Soil										
4,4' -DDD	ND	1.7	90	80	11.8				40 - 140	30
4,4' -DDE	ND	1.7	88	77	13.3				40 - 140	30
4,4' -DDT	ND	1.7	97	85	13.2				40 - 140	30
a-BHC	ND	1.0	78	69	12.2				40 - 140	30
Alachlor	ND	3.3	NA	NA	NC				40 - 140	30
Aldrin	ND	1.0	84	77	8.7				40 - 140	30
b-BHC	ND	1.0	95	88	7.7				40 - 140	30
Chlordane	ND	33	94	81	14.9				40 - 140	30
d-BHC	ND	3.3	74	69	7.0				40 - 140	30
Dieldrin	ND	1.0	88	80	9.5				40 - 140	30
Endosulfan I	ND	3.3	68	68	0.0				40 - 140	30
Endosulfan II	ND	3.3	95	87	8.8				40 - 140	30
Endosulfan sulfate	ND	3.3	95	89	6.5				40 - 140	30
Endrin	ND	3.3	103	87	16.8				40 - 140	30
Endrin aldehyde	ND	3.3	91	93	2.2				40 - 140	30
Endrin ketone	ND	3.3	108	100	7.7				40 - 140	30
g-BHC	ND	1.0	88	79	10.8				40 - 140	30

QA/QC Data

SDG I.D.: GCU36378

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Heptachlor	ND	3.3	78	72	8.0				40 - 140	30
Heptachlor epoxide	ND	3.3	78	71	9.4				40 - 140	30
Methoxychlor	ND	3.3	104	94	10.1				40 - 140	30
Toxaphene	ND	130	NA	NA	NC				40 - 140	30
% DCBP	76	%	87	81	7.1				30 - 150	30
% DCBP (Confirmation)	71	%	79	72	9.3				30 - 150	30
% TCMX	67	%	78	73	6.6				30 - 150	30
% TCMX (Confirmation)	72	%	90	75	18.2				30 - 150	30

Comment:

This batch consists of BLK, LCS and LCSD

8081 additional criteria: (LCS/LCSD)10% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. LCS acceptance range is 40-140% MS acceptance range 30-150%.

QA/QC Batch 806531 (ug/kg), QC Sample No: CU34230 (CU36379)

Polynuclear Aromatic HC - Soil

2-Methylnaphthalene	ND	470	91	91	0.0	97	92	5.3	40 - 140	30
Acenaphthene	ND	470	69	70	1.4	75	72	4.1	30 - 130	30
Acenaphthylene	ND	470	70	72	2.8	77	73	5.3	40 - 140	30
Anthracene	ND	470	77	79	2.6	83	79	4.9	40 - 140	30
Benz(a)anthracene	ND	470	77	77	0.0	82	77	6.3	40 - 140	30
Benzo(a)pyrene	ND	470	78	79	1.3	84	80	4.9	40 - 140	30
Benzo(b)fluoranthene	ND	470	75	77	2.6	81	78	3.8	40 - 140	30
Benzo(ghi)perylene	ND	470	77	78	1.3	83	79	4.9	40 - 140	30
Benzo(k)fluoranthene	ND	470	76	74	2.7	81	76	6.4	40 - 140	30
Chrysene	ND	470	75	74	1.3	79	75	5.2	40 - 140	30
Dibenz(a,h)anthracene	ND	470	77	78	1.3	84	79	6.1	40 - 140	30
Fluoranthene	ND	470	86	89	3.4	95	88	7.7	40 - 140	30
Fluorene	ND	470	79	81	2.5	85	81	4.8	40 - 140	30
Indeno(1,2,3-cd)pyrene	ND	470	84	85	1.2	91	86	5.6	40 - 140	30
Naphthalene	ND	470	73	74	1.4	82	76	7.6	40 - 140	30
Phenanthrene	ND	470	73	74	1.4	79	74	6.5	40 - 140	30
Pyrene	ND	470	86	90	4.5	96	87	9.8	30 - 130	30
% 2-Fluorobiphenyl	53	%	64	67	4.6	73	67	8.6	30 - 130	30
% Nitrobenzene-d5	59	%	77	76	1.3	81	77	5.1	30 - 130	30
% Terphenyl-d14	63	%	86	91	5.6	97	87	10.9	30 - 130	30

Comment:

Additional 8270 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 806275 (ug/L), QC Sample No: CU38272 (CU36378)

Semivolatiles by SIM, PAH - SPLP

2-Methylnaphthalene	ND	0.50	71	73	2.8				30 - 130	20
Acenaphthene	ND	0.50	68	70	2.9				30 - 130	20
Acenaphthylene	ND	0.10	68	71	4.3				30 - 130	20
Anthracene	ND	0.10	82	84	2.4				30 - 130	20
Benz(a)anthracene	ND	0.05	103	103	0.0				30 - 130	20
Benzo(a)pyrene	ND	0.20	77	78	1.3				30 - 130	20
Benzo(b)fluoranthene	ND	0.07	95	95	0.0				30 - 130	20
Benzo(ghi)perylene	ND	0.02	65	73	11.6				30 - 130	20
Benzo(k)fluoranthene	ND	0.10	80	83	3.7				30 - 130	20
Chrysene	ND	0.05	72	73	1.4				30 - 130	20
Dibenz(a,h)anthracene	ND	0.02	72	82	13.0				30 - 130	20
Fluoranthene	ND	0.50	88	89	1.1				30 - 130	20

QA/QC Data

SDG I.D.: GCU36378

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Fluorene	ND	0.10	76	78	2.6				30 - 130	20
Indeno(1,2,3-cd)pyrene	ND	0.10	76	82	7.6				30 - 130	20
Naphthalene	ND	0.50	55	58	5.3				30 - 130	20
Phenanthrene	ND	0.06	69	69	0.0				30 - 130	20
Pyrene	ND	0.07	84	86	2.4				30 - 130	20
% 2-Fluorobiphenyl	59	%	62	65	4.7				30 - 130	20
% Nitrobenzene-d5	74	%	82	90	9.3				30 - 130	20
% Terphenyl-d14	73	%	80	80	0.0				30 - 130	20

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8270 criteria:20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 807764 (ug/L), QC Sample No: CU44338 (CU36379)

Semivolatiles by SIM, PAH - SPLP

2-Methylnaphthalene	ND	0.50	62						30 - 130	20
Acenaphthene	ND	0.50	60						30 - 130	20
Acenaphthylene	ND	0.10	60						30 - 130	20
Anthracene	ND	0.10	75						30 - 130	20
Benz(a)anthracene	ND	0.02	75						30 - 130	20
Benzo(a)pyrene	ND	0.02	73						30 - 130	20
Benzo(b)fluoranthene	ND	0.02	66						30 - 130	20
Benzo(ghi)perylene	ND	0.02	55						30 - 130	20
Benzo(k)fluoranthene	ND	0.02	69						30 - 130	20
Chrysene	ND	0.02	71						30 - 130	20
Dibenz(a,h)anthracene	ND	0.02	66						30 - 130	20
Fluoranthene	ND	0.50	76						30 - 130	20
Fluorene	ND	0.10	67						30 - 130	20
Indeno(1,2,3-cd)pyrene	ND	0.02	64						30 - 130	20
Naphthalene	ND	0.50	46						30 - 130	20
Phenanthrene	ND	0.06	68						30 - 130	20
Pyrene	ND	0.07	75						30 - 130	20
% 2-Fluorobiphenyl	32	%	55						30 - 130	20
% Nitrobenzene-d5	34	%	55						30 - 130	20
% Terphenyl-d14	38	%	69						30 - 130	20

Comment:

This batch consists of a Blank and LCS.

Additional 8270 criteria:20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference
(ISO) - Isotope Dilution

Phyllis Shiller, Laboratory Director
October 17, 2025

Friday, October 17, 2025

Criteria: CT: GAM, I/C, RC

State: CT

Sample Criteria Exceedances Report

GCU36378 - WSP-DAS

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CU36379	$8100SMR	Indeno(1,2,3-cd)pyrene	CT / RSR DEC I/C (mg/kg) / APS Organics	9400	500	7800	7800	ug/Kg
CU36379	$8100SMR	Dibenz(a,h)anthracene	CT / RSR DEC I/C (mg/kg) / APS Organics	1900	500	1000	1000	ug/Kg
CU36379	$8100SMR	Benzo(a)pyrene	CT / RSR DEC I/C (mg/kg) / Semivolatiles	18000	2500	1000	1000	ug/Kg
CU36379	$8100SMR	Benz(a)anthracene	CT / RSR DEC I/C (mg/kg) / Semivolatiles	12000	500	7800	7800	ug/Kg
CU36379	$8100SMR	Benzo(b)fluoranthene	CT / RSR DEC I/C (mg/kg) / Semivolatiles	19000	2500	7800	7800	ug/Kg
CU36379	$8100SMR	Benzo(ghi)perylene	CT / RSR DEC RES (mg/kg) / APS Organics	11000	500	8400	8400	ug/Kg
CU36379	$8100SMR	Indeno(1,2,3-cd)pyrene	CT / RSR DEC RES (mg/kg) / APS Organics	9400	500	1000	1000	ug/Kg
CU36379	$8100SMR	Dibenz(a,h)anthracene	CT / RSR DEC RES (mg/kg) / APS Organics	1900	500	1000	1000	ug/Kg
CU36379	$8100SMR	Benzo(b)fluoranthene	CT / RSR DEC RES (mg/kg) / Semivolatiles	19000	2500	1000	1000	ug/Kg
CU36379	$8100SMR	Benzo(a)pyrene	CT / RSR DEC RES (mg/kg) / Semivolatiles	18000	2500	1000	1000	ug/Kg
CU36379	$8100SMR	Benz(a)anthracene	CT / RSR DEC RES (mg/kg) / Semivolatiles	12000	500	1000	1000	ug/Kg
CU36379	$8100SMR	Fluoranthene	CT / RSR GA (mg/kg) / Semivolatiles	17000	2500	5600	5600	ug/Kg
CU36379	$8100SMR	Benzo(k)fluoranthene	CT / RSR GA (mg/kg) / Semivolatiles	5600	500	1000	1000	ug/Kg
CU36379	$8100SMR	Benzo(a)pyrene	CT / RSR GA (mg/kg) / Semivolatiles	18000	2500	1000	1000	ug/Kg
CU36379	$8100SMR	Benz(a)anthracene	CT / RSR GA (mg/kg) / Semivolatiles	12000	500	1000	1000	ug/Kg
CU36379	$8100SMR	Benzo(b)fluoranthene	CT / RSR GA (mg/kg) / Semivolatiles	19000	2500	1000	1000	ug/Kg
CU36379	$8100SMR	Phenanthrene	CT / RSR GA (mg/kg) / Semivolatiles	4800	500	4000	4000	ug/Kg
CU36379	$8100SMR	Pyrene	CT / RSR GA (mg/kg) / Semivolatiles	21000	2500	4000	4000	ug/Kg
CU36379	$8100SMR	Indeno(1,2,3-cd)pyrene	CT / RSR GA,GAA (mg/kg) / APS Organics	9400	500	1000	1000	ug/Kg
CU36379	$8100SMR	Chrysene	CT / RSR GA,GAA (mg/kg) / APS Organics	12000	500	1000	1000	ug/Kg
CU36379	$8100SMR	Benzo(ghi)perylene	CT / RSR GA,GAA (mg/kg) / APS Organics	11000	500	1000	1000	ug/Kg
CU36379	$8100SMR	Dibenz(a,h)anthracene	CT / RSR GA,GAA (mg/kg) / APS Organics	1900	500	1000	1000	ug/Kg
CU36379	$ETPH_SMR	Ext. Petroleum H.C. (C9-C36)	CT / RSR DEC RES (mg/kg) / Pest/PCB/TPH	1100	540	500	500	mg/Kg
CU36379	$ETPH_SMR	Ext. Petroleum H.C. (C9-C36)	CT / RSR GA (mg/kg) / Pesticides/TPH	1100	540	500	500	mg/Kg
CU36379	$PEST_SMR	Dieldrin	CT / RSR GA (mg/kg) / Pesticides/TPH	ND	7.1	7	7	ug/Kg
CU36379	$PEST_SMR	d-BHC	CT / RSR GA,GAA (mg/kg) / APS Organics	ND	7.1	2	2	ug/Kg
CU36379	$PEST_SMR	b-BHC	CT / RSR GA,GAA (mg/kg) / APS Organics	ND	7.1	2	2	ug/Kg
CU36379	$PEST_SMR	Aldrin	CT / RSR GA,GAA (mg/kg) / APS Organics	ND	7.1	2	2	ug/Kg
CU36379	$PEST_SMR	a-BHC	CT / RSR GA,GAA (mg/kg) / APS Organics	ND	7.1	2	2	ug/Kg
CU36379	$PEST_SMR	4,4' -DDT	CT / RSR GA,GAA (mg/kg) / APS Organics	ND	7.1	3	3	ug/Kg
CU36379	$PEST_SMR	4,4' -DDD	CT / RSR GA,GAA (mg/kg) / APS Organics	ND	7.1	3	3	ug/Kg
CU36379	$PEST_SMR	4,4' -DDE	CT / RSR GA,GAA (mg/kg) / APS Organics	ND	7.1	3	3	ug/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Bureau of Water Protection and Land Reuse
Remediation Division

REASONABLE CONFIDENCE PROTOCOL LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name Phoenix Environmental Labs, Inc.	Client Name WSP USA Inc
Project Location BRISTOL DPW	Project No.
Sampling Date(s) 9/29/2025	Laboratory Sample ID(s): CU36378, CU36379

LIST RCP METHODS USED (e.g., 8260,8270, etc.) 1311/1312, 8081, 8270, ETPH

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method-specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	**VPH and EPH methods only:** Was the VPH or EPH method conducted without significant modifications (see respective RCPs)	☐ Yes ☐ No ☑ NA
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (≤6° C)? *If samples were received by the laboratory on the same day of collection and were stored and transported to the laboratory on ice, cooler temperatures above 6ºC are acceptable.*	☑ Yes ☐ No ☐ NA
4	Were all QA/QC performance criteria specified in the CT DEEP Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5	Were reporting limits / limits of quantitation specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5a	Were these reporting limits / limits of quantitation met?	☐ Yes ☑ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set for applicable RCPs?	☐ Yes ☑ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence." This form may not be altered, and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Ethan Lee **Position:** Project Manager

Printed Name: Ethan Lee **Date:** Friday, October 17, 2025

Name of Laboratory Phoenix Environmental Laboratory, Inc.

This certification form is to be used for RCP methods only.

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

October 17, 2025

SDG I.D.: GCU36378

SDG Comments

8270 Semi-volatile Organics:
The client requested a short list for 8270 RCP Semivolatile. Only the PAH constituents are reported as requested on the chain-of-custody.

Sample(s) required a dilution for Pesticides due to a matrix interference and/or the presence of non-target material in the sample. This resulted in elevated reporting limits that exceed the requested criteria for one or more analytes.

ETPH Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument:

AU-FID1 10/04/25-1 Jeff Bucko, Chemist 10/04/25

CU36379 (10X)

The initial calibration (ET_0827I) RSD for the compound list was less than 30% except for the following compounds: None.
As per section 7.2.3, a discrimination check standard was run (O04A004_1) and contained the following outliers: None.
The continuing calibration %D for the compound list was less than 30% except for the following compounds:None.

AU-XL1 10/03/25-1 Jeff Bucko, Chemist 10/03/25

CU36378 (1X)

The initial calibration (ET_0811I) RSD for the compound list was less than 30% except for the following compounds: None.
As per section 7.2.3, a discrimination check standard was run (O03A003_1) and contained the following outliers: None.
The continuing calibration %D for the compound list was less than 30% except for the following compounds:None.

AU-XL1 10/15/25-1 Jeff Bucko, Chemist 10/15/25

CU36379 (1X)

The initial calibration (ET_0811I) RSD for the compound list was less than 30% except for the following compounds: None.
As per section 7.2.3, a discrimination check standard was run (O15A003_1) and contained the following outliers: None.
The continuing calibration %D for the compound list was less than 30% except for the following compounds:None.

QC (Batch Specific):

Batch 806276 (CU38589)

CU36378

All LCS recoveries were within 60 - 120 with the following exceptions: None.
All LCSD recoveries were within 60 - 120 with the following exceptions: None.
All LCS/LCSD RPDs were less than 20% with the following exceptions: None.
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.
Additional surrogate criteria: LCS acceptance range is 60-120% Sur. acceptance range 50-150%.

Batch 808199 (CU46104)

CU36379

All LCS recoveries were within 60 - 120 with the following exceptions: None.
All LCSD recoveries were within 60 - 120 with the following exceptions: None.
All LCS/LCSD RPDs were less than 20% with the following exceptions: None.
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.
Additional surrogate criteria: LCS acceptance range is 60-120% Sur. acceptance range 50-150%.

QC (Site Specific):

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

October 17, 2025

SDG I.D.: GCU36378

ETPH Narration

Batch 806531 (CU34230)

CU36379

All LCS recoveries were within 60 - 120 with the following exceptions: None.
All LCSD recoveries were within 60 - 120 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
All MS recoveries were within 50 - 150 with the following exceptions: None.
All MSD recoveries were within 50 - 150 with the following exceptions: None.
All MS/MSD RPDs were less than 30% with the following exceptions: None.
Additional surrogate criteria: LCS acceptance range is 60-120% Sur. acceptance range 50-150%.

PEST Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument:

AU-ECD4 10/07/25-1 Adam Werner, Chemist 10/07/25

CU36379 (10X)

The initial calibration (PS0916AI) RSD for the compound list was less than 20% except for the following compounds: None.
The initial calibration (PS0916BI) RSD for the compound list was less than 20% except for the following compounds: None.
The Endrin and DDT breakdown does not exceed 15% except for the following compounds:None.
The Endrin and DDT breakdown does not exceed the maximum of 20% except for the following compounds:None.
The continuing calibration %D for the compound list was less than 20% except for the following compounds:
Samples: CU36379
Preceding CC O07B066 - Endrin aldehyde 34%H (20%)
Succeeding CC O07B074 - Endosulfan II 21%H (20%), Endrin aldehyde 46%H (20%), Heptachlor -21%L (20%)
A low "1A" standard was run after the samples to demonstrate capability to detect any compounds outside of the CC acceptance criteria. All reported samples were ND for the affected compounds.

QC (Batch Specific):

Batch 806796 (CU34875)

CU36379

All LCS recoveries were within 40 - 140 with the following exceptions: None.
All LCSD recoveries were within 40 - 140 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
This batch consists of BLK, LCS and LCSD
8081 additional criteria: (LCS/LCSD)10% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. LCS acceptance range is 40-140% MS acceptance range 30-150%.

SVOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument:

CHEM07 10/03/25-2 Matt Richard, Chemist 10/03/25

CU36379 (1X)

For 8270 full list, the DDT breakdown and pentachlorophenol & benzidine peak tailing were evaluated in the DFTPP tune and were found to be in control.

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

October 17, 2025

SDG I.D.: GCU36378

SVOA Narration

For 8270 BN list, benzidine peak tailing was evaluated in the DFTPP tune and was found to be in control.

Initial Calibration Evaluation (CHEM07/7_BNa_0916):
100% of target compounds met criteria.
The following compounds had %RSDs >20%: None.
The following compounds did not meet recommended response factors: None.

Continuing Calibration Verification (CHEM07/1003_22-7_BNa_0916):
Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
100% of target compounds met criteria.
The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.

CHEM19 10/06/25-1 Matt Richard, Chemist 10/06/25

CU36379 (5X)

For 8270 full list, the DDT breakdown and pentachlorophenol & benzidine peak tailing were evaluated in the DFTPP tune and were found to be in control.
For 8270 BN list, benzidine peak tailing was evaluated in the DFTPP tune and was found to be in control.

Initial Calibration Evaluation (CHEM19/19_BNa_1002):
100% of target compounds met criteria.
The following compounds had %RSDs >20%: None.
The following compounds did not meet recommended response factors: None.

Continuing Calibration Verification (CHEM19/1006_03-19_BNa_1002):
Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
100% of target compounds met criteria.
The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.

QC (Batch Specific):

Batch 806275 (CU38272)

CU36378

All LCS recoveries were within 30 - 130 with the following exceptions: None.
All LCSD recoveries were within 30 - 130 with the following exceptions: None.
All LCS/LCSD RPDs were less than 20% with the following exceptions: None.
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.
Additional 8270 criteria:20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)
Additional 8270 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

Batch 807764 (CU44338)

CU36379

All LCS recoveries were within 30 - 130 with the following exceptions: None.
This batch consists of a Blank and LCS.

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

October 17, 2025

SDG I.D.: GCU36378

SVOA Narration

Additional 8270 criteria:20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)
Additional 8270 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QC (Site Specific):

Batch 806531 (CU34230)

CU36379

All LCS recoveries were within 40 - 140 with the following exceptions: None.
All LCSD recoveries were within 40 - 140 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
All MS recoveries were within 40 - 140 with the following exceptions: None.
All MSD recoveries were within 40 - 140 with the following exceptions: None.
All MS/MSD RPDs were less than 30% with the following exceptions: None.
Additional 8270 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

SVOASIM Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument:

CHEM25 10/03/25-1 Matt Richard, Chemist 10/03/25

CU36378 (1X)

For 8270 BN list, benzidine peak tailing was evaluated in the DFTPP tune and was found to be in control.

Initial Calibration Evaluation (CHEM25/25_BNSIM18_0926):
100% of target compounds met criteria.
The following compounds had %RSDs >20%: None.
The following compounds did not meet recommended response factors: None.

Continuing Calibration Verification (CHEM25/1003_08-25_BNSIM18_0926):
Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
95% of target compounds met criteria.
The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.

CHEM27 10/11/25-1 Matt Richard, Chemist 10/11/25

CU36379 (1X)

For 8270 BN list, benzidine peak tailing was evaluated in the DFTPP tune and was found to be in control.

Initial Calibration Evaluation (CHEM27/27_BNSIM18_1006):
100% of target compounds met criteria.
The following compounds had %RSDs >20%: None.
The following compounds did not meet recommended response factors: None.

Continuing Calibration Verification (CHEM27/1011_03-27_BNSIM18_1006):

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

October 17, 2025

SDG I.D.: GCU36378

SVOASIM Narration

Internal standard areas were within 50 to 200% of the initial calibration with the following exceptions: None.
100% of target compounds met criteria.
The following compounds did not meet % deviation criteria: None.
The following compounds did not meet maximum % deviations: None.
The following compounds did not meet recommended response factors: None.

QC (Batch Specific):

Batch 806275 (CU38272)

CU36378

All LCS recoveries were within 30 - 130 with the following exceptions: None.
All LCSD recoveries were within 30 - 130 with the following exceptions: None.
All LCS/LCSD RPDs were less than 20% with the following exceptions: None.
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.
Additional 8270 criteria:20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

Batch 807764 (CU44338)

CU36379

All LCS recoveries were within 30 - 130 with the following exceptions: None.
This batch consists of a Blank and LCS.
Additional 8270 criteria:20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QC (Site Specific):

Batch 806531 (CU34230)

CU36379

All LCS recoveries were within 40 - 140 with the following exceptions: None.
All LCSD recoveries were within 40 - 140 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
All MS recoveries were within 40 - 140 with the following exceptions: None.
All MSD recoveries were within 40 - 140 with the following exceptions: None.
All MS/MSD RPDs were less than 30% with the following exceptions: None.
Additional 8270 criteria:20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

Temperature Narration

The samples were received at 1.3C with cooling initiated.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Temp 13 °C Coolant: Cooler: Yes ☑ No ☐ IPK ☑ ICE ☐ No ☐

Pg 1 of 1

PHOENIX
Environmental Laboratories, Inc.

CT/MA/RI CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: makrina@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-1102

Data Delivery/Contact Options:
Phone:
Email(s): KAREN.DESTEFANIS@WSP.COM

Customer: WSP
Address: 6 RESEARCH DR
STE 260
SHELTON CT 06484

Project: BRISTOL DPW
Report to (name): KAREN DESTEFANIS
Invoice to: KAREN DESTEFANIS
Quote #

Project P.O: P139596U5001

This section MUST be completed with Bottle Quantities.

Sampler's Signature: Mulani Sharma Date: 9/29/25

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe OIL=Oil
B=Bulk L=Liquid X = _____(Other)

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled (2025)	Time Sampled	*MS/MSD (May be billable at analysis unit rate)	CT ETPH	PAHs 8270	PESTICIDES 8081	CTETPH - SPLP	PAHs- SPLP	KBD	GL Amber 8 oz.: [ ] wH3PO4 [ ] NAHSO4	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
36378	WSP TOPSOIL	S	9/29	0935	X	X		X	X					1									
36379	WSP FILL	S	9/29	0925	X	X	X			X				2									

Relinquished by:	Accepted by:	Date:	Time:
Mulani Sharma GT/SW		9/29/25	1139
		9/29/25	11:39

Comments, Special Requirements or Regulations:
Note - Additional SPLP analysis for WSP Fill may be requested
SPLP CTETPH and SPLP PAHs only for WSP Topsoil Sample - KBD 9/30/25

Turnaround Time:
☐ 1 Day* ☐ 2 Days* ☐ 3 Days* ☐ 4 Days* ☐ 5 Days*
☒ Standard ☐ Other _____

*MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.

* SURCHARGES MAY APPLY

RI
☐ RES DEC ☐ I/C DEC ☐ GA Leachability ☐ GB Leachability ☐ GA -GW Objectives ☐ GB -GW Objectives ☐ Other

CT
☒ RCP Cert ☐ GWPC ☐ SWPC ☐ GA PMC ☐ GB PMC ☐ SWPC
RES ☐ DEC ☐ VC
I/C ☐ DEC ☐ VC

MA
☐ MCP Certification
☐ GW-1 ☐ GW-2 ☐ GW-3 ☐ S-1 ☐ S-2 ☐ S-3 ☐ SW Protection
☐ RCS-1 / RCGW-1 ☐ RCS-2 / RCGW-2 ☐ S-1 Calc. ☐ _____

State where samples were collected: CT

Data Format
☒ Excel ☒ PDF ☐ GIS/Key ☐ EQuIS ☐ Other

Data Package
☐ Tier II Checklist* ☐ Full Data Package* ☐ Phoenix Std ☐ MAT-212 Form

* SURCHARGE APPLIES

Form PEL-126 Rev. 1/25

Lisa Arnold

From: Destefanis, Karen <Karen.Destefanis@wsp.com>
Sent: Tuesday, September 30, 2025 2:38 AM
To: Lisa Arnold; Sample Receiving - Phoenix Labs
Subject: RE: Phoenix Labs - GCU36378, BRISTOL DPW - COC Acknowledgement
Attachments: Bristol Sample Acknowledgement 9-29-25.pdf

Importance: High

Good morning! I went back to our proposal and realized that the chain was incorrect – the sample WSP Topsoil is only being analyzed for SPLP CT ETPH and SPLP PAHs. I have revised the chain but I may be too late – I apologize!

Karen

From: Lisa Arnold <lisa@phoenixlabs.com>
Sent: Monday, September 29, 2025 5:35 PM
To: Destefanis, Karen <Karen.Destefanis@wsp.com>; Sample Receiving - Phoenix Labs <samplereceiving@phoenixlabs.com>
Subject: RE: Phoenix Labs - GCU36378, BRISTOL DPW - COC Acknowledgement

Hello Karen 😊

I added GAM and made changes per email and revised chain.

Thank you and enjoy the rest of your day!

Lisa Arnold

Phoenix Environmental Laboratories, Inc.
587 East Middle Turnpike
Manchester, CT 06040
Direct Line: (860) 812-0086

From: Destefanis, Karen <Karen.Destefanis@wsp.com>
Sent: Monday, September 29, 2025 5:12 PM
To: Sample Receiving - Phoenix Labs <samplereceiving@phoenixlabs.com>
Cc: Lisa Arnold <lisa@phoenixlabs.com>
Subject: RE: Phoenix Labs - GCU36378, BRISTOL DPW - COC Acknowledgement

Good afternoon

I had to update the chain of custody to reflect that we need to hold the sample for possible additional analysis (pending these results) and that we also need GA PMC criteria.

This is a project for City of Bristol – tax exempt and DAS pricing

Please see attached email for pricing

Please let me know if you have any questions.

Thanks and have a good night!

Karen

From: SampleReceiving@phoenixlabs.com <SampleReceiving@phoenixlabs.com>
Sent: Monday, September 29, 2025 4:20 PM
To: Destefanis, Karen <Karen.Destefanis@wsp.com>
Subject: Phoenix Labs - GCU36378, BRISTOL DPW - COC Acknowledgement

This is an automated sample acknowledgement.

If you were issued a Phoenix Price Quote # for this SDG and it was not listed on the chain, please email client services with the quote number so we can ensure proper invoicing. If no quote was issued, no further action is required.

Purchase Order#: P139596US001

Samples Will Be Disposed After: 30 Days

GCU36378 Criteria:
SOIL(2): CT I/C (I/C Dec), CT RC (Res. Criteria)

Please email client services only if you require criteria different than what is listed. Criteria added post-reporting requires re-evaluation of data and possible re-analysis therefore charges may apply. Project objectives not communicated at time of submittal may not be achieved.

Delivery group GCU36378 (BRISTOL DPW) has been logged in for the following samples:

Phoenix Id	Client Id
CU36378	WSP TOPSOIL
CU36379	WSP FILL

This SDG has been logged in for Standard 7 business day turn-around time.

The samples were received at 1.3C with cooling initiated. (Note acceptance criteria for relevant matrices is above freezing up to 6°C)

If there are any questions regarding this submittal, please call Phoenix Client Services at extension 200.

Thank you for your business,

Temp 13 °C Cooler: Yes ☑ No ☐ Coolant: IPK ☑ ICE ☐ No ☐

PHOENIX
Environmental Laboratories, Inc.

CT/MA/RI CHAIN OF CUSTODY RECORD

Pg 1 of 1

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: makrina@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-1102

Data Delivery/Contact Options:
Phone:
Email(s): KAREN.DESTEFANIS@WSP.COM

Customer: WSP
Address: 6 RESEARCH DR
STE 260
SHELTON CT 06484

Project: BRISTOL DPW
Report to (name): KAREN DESTEFANIS
Invoice to: KAREN DESTEFANIS
Quote #

Project P.O: P139596U5001

This section MUST be completed with Bottle Quantities.

Sampler's Signature: Mulani Shpard Date: 9/29/25

Client Sample - Information - Identification

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe OIL=Oil
B=Bulk L=Liquid X = _____(Other)

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	*MS/MSD (May be billable at analysis unit rate)	CT ETPH	PAHs 8270	PESTICIDES 8081	CTETPH - SPLP	PAHs- SPLP	GL Amber 8 oz. [ ] wkH_PO4 [ ] NaHSO4	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container (8 oz.	GL Soil container (1 oz.	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] HCl	PL As is [ ] 250ml [ ] 500ml [ ] 1N H2SO4	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
36378	WSP TOPSOIL	S	9/29	0935	X	X		X		X	KBD			1								
36379	WSP FILL	S	9/29	0925	X	X	X	X		X				2								

Please run SPLP ETPH & PAHs - Fill Sample as marked - KBD 10/9/2025

Relinquished by:	Accepted by:	Date:	Time:
Mulani Shpard GT/ JW		9/29/25	1735
		9/29/25	11:39

Comments, Special Requirements or Regulations:
Note - Additional SPLP analysis for WSP Fill may be requested requested 10/9/25
SPLP CTETPH and SPLP PAHs only for WSP Topsoil Sample - KBD 9/30/25

Turnaround Time:
☐ 1 Day* ☐ 2 Days* ☐ 3 Days* ☐ 4 Days* ☐ 5 Days*
☒ Standard ☐ Other _____

*MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.

* SURCHARGES MAY APPLY

RI
☐ RES DEC ☐ I/C DEC ☐ GA Leachability ☐ GB Leachability ☐ GA-GW Objectives ☐ GB-GW Objectives ☐ Other

CT
☒ RCP Cert ☐ GWPC ☐ SWPC ☐ GA PMC ☐ GB PMC ☐ SWPC
RES ☐ DEC ☐ VC
I/C ☐ DEC ☐ VC

MA
☐ MCP Certification
☐ GW-1 ☐ RCS-1 / RCGW-1
☐ GW-2 ☐ RCS-2 / RCGW-2
☐ GW-3 ☐ S-1 Calc.
☐ S-1 ☐ _____
☐ S-2
☐ S-3
☐ SW Protection

State where samples were collected: CT

Data Format
☒ Excel ☒ PDF ☐ GIS/Key ☐ EQuIS ☐ Other

Data Package
☐ Tier II Checklist* ☐ Full Data Package* ☐ Phoenix Std ☐ MAT-212 Form

* SURCHARGE APPLIES

Form PEL-126 Rev. 1/25

Page 3 of 3

Lisa Arnold

From: Destefanis, Karen <Karen.Destefanis@wsp.com>
Sent: Thursday, October 09, 2025 10:30 AM
To: Lisa Arnold
Cc: Helen G
Subject: RE: Phoenix Labs - GCU36378, BRISTOL DPW - Report Ready
Attachments: revised chain.pdf

Good morning

I received the lab report yesterday and am requesting that the Fill sample be analyzed for ETPH and PAHs by SPLP

Thank you for your attention to this matter.

Have a good day!

Karen

From: Reports@phoenixlabs.com <Reports@phoenixlabs.com>
Sent: Wednesday, October 8, 2025 4:40 PM
To: Destefanis, Karen <Karen.Destefanis@wsp.com>
Subject: Phoenix Labs - GCU36378, BRISTOL DPW - Report Ready

Delivery group GCU36378 (BRISTOL DPW) for the following samples:

CU36378 - WSP TOPSOIL
CU36379 - WSP FILL

is available for review. Please click the following link to view report data.

www.PhoenixLabs.com

Note: The default password is your email address. You may change it after logging in.

Please take a moment to give us some feedback on your experience with Phoenix Environmental Laboratories, Inc. Your input is valuable to us!
www.phoenixlabs.com/CustomerSurvey

Phoenix Environmental Laboratories, Inc.
587 East Middle Turnpike
P.O. Box 370
Manchester, CT 06374

Laura Leger

From: Ulric Berube
Sent: Monday, November 3, 2025 10:01 AM
To: Raymond Rogozinski
Cc: Anthony Lorenzetti; Lukasz Burkacki; Joseph Ouellette; Matthew Moskowitz; Andrew McKirryher
Subject: Intersection of Center Street @ Summer Street
Attachments: Center Street @ Summer Street Traffic Study.pdf

Ray,

The Bristol Police Traffic Division is requesting to have "Flashing LED Stop Signs" installed on the north and south side of Summer Street at its intersection with Center Street. Hopefully, this will serve as a viable notice to drivers that they need to come to a complete stop prior to entering the intersection. On 02/03/25, "Flashing LED Stop Signs" were installed on East Road at it's intersection with Willis Street and the number of crashes was greatly reduced. We believe these signs will greatly reduce the number of crashes on Center Street @ Summer Street.

Lieutenant Ulric F. Berube
Traffic Division Commander
Bristol Police Department
131 North Main Street
Bristol, Connecticut 06010
860-584-3030 Office
Email: UlricBerube@BristolCT.gov

Bristol Police Department
Traffic Division

(860) 584-3030
131 North Main Street
Bristol, Connecticut 06010

TO: Lieutenant Ulric Berube

FROM: Traffic Officer McKirryher

DATE: 10/20/25

Re: Summer Street/Center Street Traffic Study – Case #25-37540

Lieutenant Berube,

The Bristol Police Department Traffic Division has received concerns in regards to the uptick in motor vehicle crashes in the area of Center Street at Summer Street. This traffic study was completed to determine the best course of action to decrease and/or eliminate crashes within the intersection of Center Street at Summer Street.

Summer Street runs in a north and south direction. At the northern most point of Summer Street, it intersects and ends at Maple Street forming a T-intersection. At the southern most point of Summer Street, it intersects and ends at Main Street and also forms a T-intersection.

Center Street runs in an east to west direction. At the western most point of Center Street, it intersects and ends at West Street (RTE 69) forming a T-intersection. At the eastern most point of Center Street, it intersects and ends at Goodwin Street and also forms a T-intersection.

A separate traffic study was completed by then Traffic Lieutenant Duval in March of 2020. Findings from this study showed that, during time period 2/28/2019 through 2/27/2020, 11 crashes occurred within the aforementioned intersection. Non-local drivers committing Stop Sign Violations (CGS 14-301) were responsible for nine out of the eleven crashes.

From this traffic study, it appears non-local drivers do not fully respect the stop sign or understand that Center Street does not have a stop sign. As a remedy, red reflective strips were added to the U-channels and red "2-way" signs were posted immediately below the stop signs. Yellow "cross traffic does not stop" warning signs are also posted.

Since 2/28/2020 through 9/29/2025, a search of the CT Crash Data Repository shows there have been 57 crashes within the intersection. In approximately 5.5 years, the intersection has averaged 10 crashes per year.

Over the last year (10/6/2024 through 10/6/2025), 13 crashes have been reported at the intersection of Summer Street and Center Street according to a search of the CT Crash Data Repository. Of the 13 crashes, 11 of them violated the stop sign. One of the crashes was for failure to yield at the intersection, and the final crash was a single-car weather-related crash.

Similar to then Traffic Lieutenant Duval's traffic study from 2020, it appears out-of-town drivers do not fully respect the stop sign and continue to believe it is either a 4-way stop or completely disregard the stop sign itself.

Bristol Police Department
Traffic Division

(860) 584-3030
131 North Main Street
Bristol, Connecticut 06010

The chart below depicts the 13 crashes that occurred within the last year.

CFS#:	Violation	Direction of Travel (Violator)	Direction of Travel (Non-Violator)	Resident or Non-Resident (Violator)	Significant Factors
2400040176 10/04/2024	Stop Sign (14-301)	South on Summer St	East on Center St	Non-Resident	Saw Vehicle—went anyway
2400040353 10/05/2024	Stop Sign (14-301)	North on Summer St	West on Center St	Non-Resident	Thought 4 way
2400048973 12/02/2024	Stop Sign (14-301)	North on Summer St	East on Center St	Non-Resident	Ran Stop Sign
2400052742 12/24/2024	Stop Sign (14-301)	South on Summer St	East on Center St	Non-Resident	Did not see Vehicle
2500004791 1/31/2025	Stop Sign (14-301)	North on Summer St	East on Center St	Resident	Did not see Vehicle
2500005385 2/4/2025	Stop Sign (14-301)	South on Summer St	East on Center St	Resident	Did not see Vehicle
2500005772 2/6/2025	Improper Turn (14-242)	West on Center St	N/A (1 Car MVA)	Non-Resident	Slush on Roadway
2500006835 2/13/2025	Stop Sign (14-301)	North on Summer St	West on Center St	Resident	Did not see Vehicle
2500015933 4/10/2025	Stop Sign (14-301)	South on Summer St	East on Center St	Resident	Foot Slipped/hit gas pedal
2500016029 4/11/2025	Stop Sign (14-301)	South on Summer St	West on Center St	Non-Resident	Did not see Vehicle
2500035855 8/8/2025	Failure To Grant ROW (14-245)	North on Summer St	West on Center St	Non-Resident	Did not see Vehicle
2500036577 8/13/2025	Stop Sign (14-301)	South on Summer St	East on Center St	Resident	Did not Stop
2500036750 8/14/2025	Stop Sign (14-301)	North on Summer St	East on Center St	Non-Resident	Ran Stop Sign

With red reflective strips being added to the U-channels and red "2-way" signs posted immediately below the stop signs, it is apparent that this remedy has not had much success in the five years following the initial traffic study.

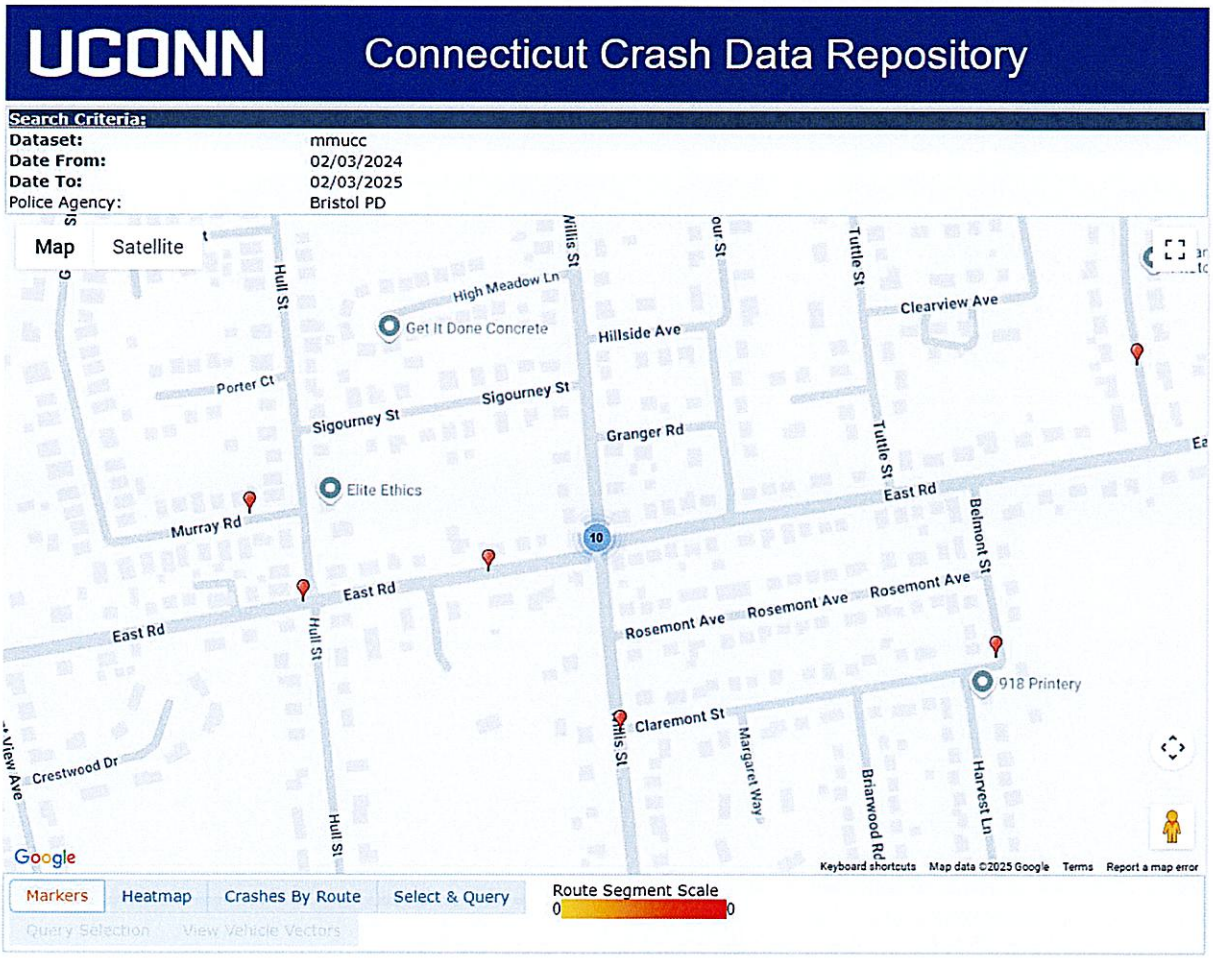
The City of Bristol had "LED-enhanced stop signs" or "Flashing LED stop signs" installed on East Road at Willis Street. The "Flashing LED stop signs" were installed on East Road at Willis Street facing east and west. East Road runs east and west. Willis Street runs north and south. This is a 4-way intersection similar to Summer Street at Center Street where traffic on Willis Street does not have a stop sign in either direction.

"Flashing LED stop signs" are standard stop signs that have red LED lights embedded around the border or in the letters that flash to draw extra attention. They are used in places with high crash rates or areas where drivers frequently miss standard stop signs.

Bristol Police Department
Traffic Division

(860) 584-3030
131 North Main Street
Bristol, Connecticut 06010

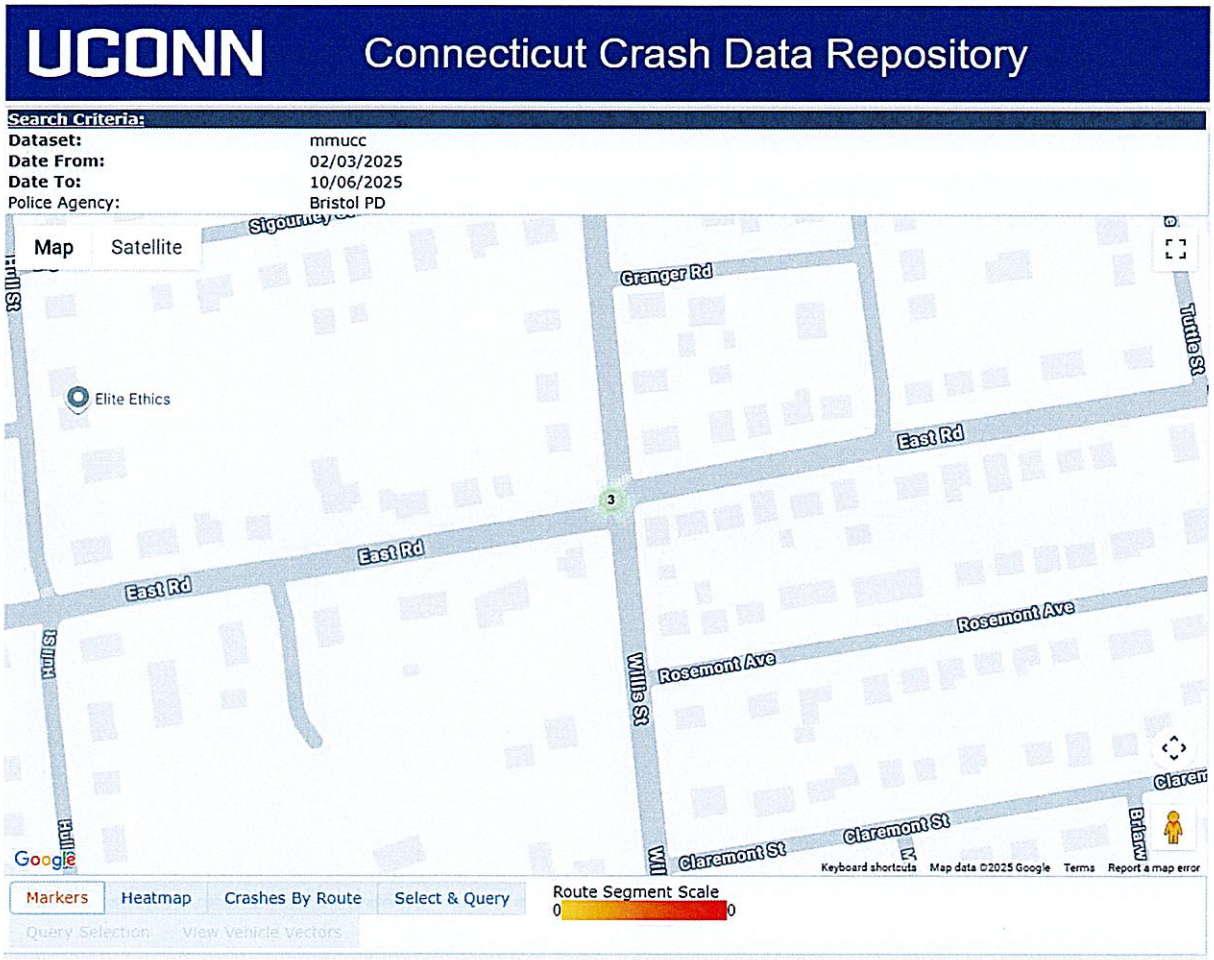
The "Flashing LED stop signs" were installed on 2/3/2025 on East Road at Willis Street. In order to understand their effectiveness, there were 10 reported crashes with in the intersection during the time period 2/3/2024 through 2/3/2025.



Bristol Police Department
Traffic Division

(860) 584-3030
131 North Main Street
Bristol, Connecticut 06010

During the time period 2/3/2025 through 10/6/2025 there have been three reported crashes since the installation of the "Flashing LED stop signs." Of the three crashes, two of the operators were non-residents.



Prior to installation of the "Flashing LED stop signs," the intersection of East Road at Willis Street averaged .830 crashes per month. In the eight months since its installation, the intersection has seen a decrease in crashes and now averages .375 crashes per month.

According to the University of Minnesota Center for Transportation Studies (CTS) a report titled: Estimating the Crash Reduction and Vehicle Dynamics Effects of Flashing LED Stop Sign; determined that right-angle (T-bone or broadside) crashes reduced by approximately 41.5% after installing flashing LED stop signs.

During the time period 8/19/2025 through 10/20/2025, 11 motor vehicle enforcement patrols have been completed by both the Patrol Division and the Traffic Division. During this time period, 11 motor vehicle stops were conducted. No action was taken against the drivers during four of the stops. Written warnings were issued to six of the drivers for violation of 14-301 Failure to Obey Stop Sign. An infraction was issued to one driver for

Bristol Police Department
Traffic Division

(860) 584-3030
131 North Main Street
Bristol, Connecticut 06010

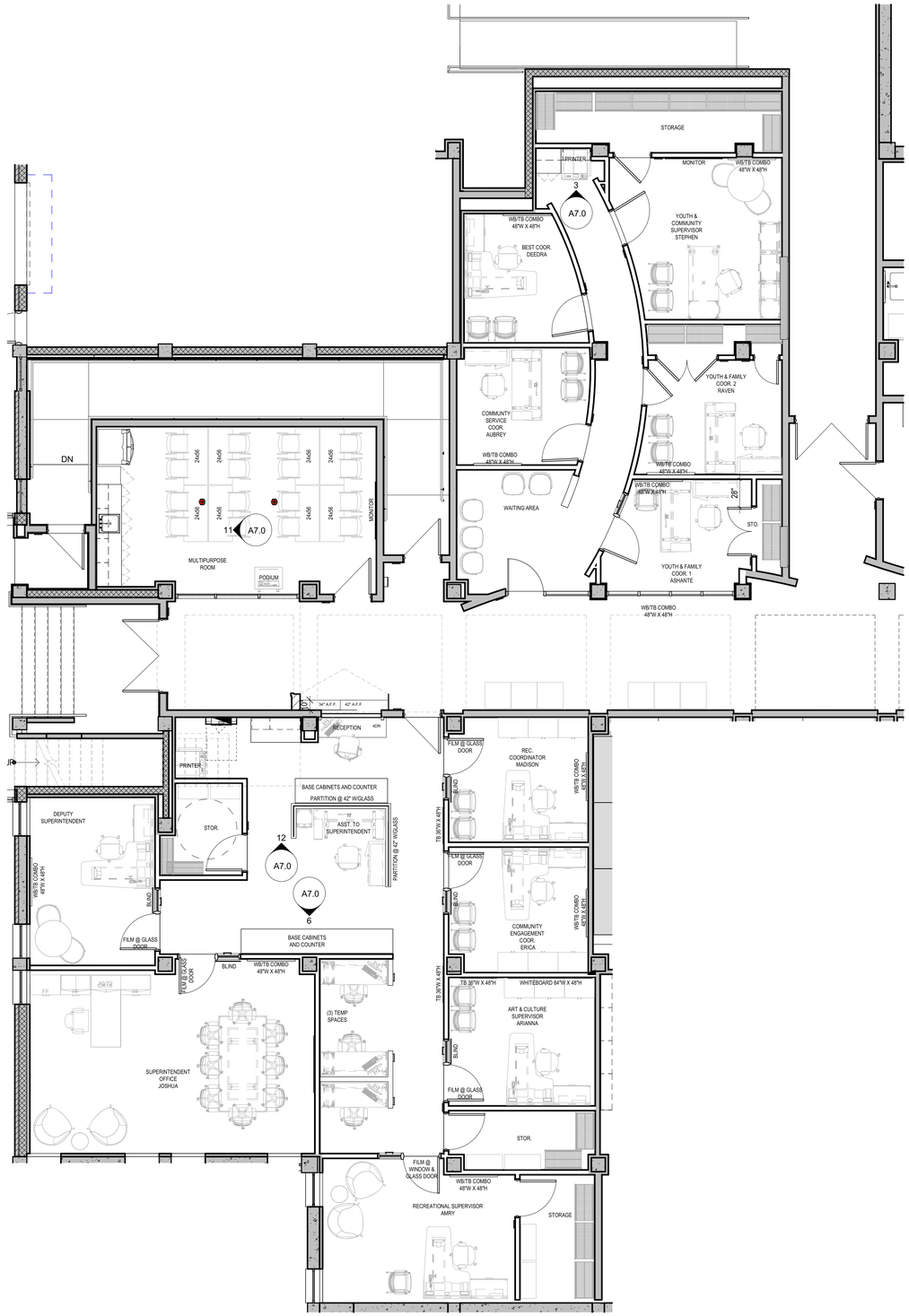
violation of 14-301 Failure to Obey Stop Sign. During my motor vehicle enforcement patrol, I did not observe any violations.

Since 8/19/2025, when the Patrol Division and the Traffic Division placed an emphasis on motor vehicle enforcement patrols in the intersection of Center Street at Summer Street there have been no crashes. The motor vehicle enforcement patrols have had a direct impact on reducing/eliminating crashes.

In closing, I recommend that "Flashing LED stop signs" be installed on the north and south side of Summer Street. Hopefully, this will serve as a viable notice to drivers that they need to come to a complete stop prior to entering the intersection. In addition, and as time permits, the Traffic Division will continue to monitor and enforce motor vehicle violations in the intersection of Center Street at Summer Street.

Respectfully,

Officer Andrew McKirryher
Bristol Police Traffic Division



1 A12.0 **GROUND FLOOR - PARKS & REC**
3/16" = 1'-0"

QA+M architecture
QuisenberryArcariMalik
195 Scott Swamp Road
Farmington, CT 06032
qamarch.com

NEW OFFICES FOR:

DEPT. OF PARKS, RECREATION, YOUTH & COMMUNITY SERVICES

111 NORTH MAIN STREET
BRISTOL, CT
Project #**24097**

Revisions

Issue Dates:

N

BID SET:
AUGUST 22, 2025

GROUND FLOOR FURNITURE PLAN

A12.0

10/21/2025 10:39:26 PM C:\Users\chrisoneill\Documents\BCH PARKS AND REC_C_R24_Chrisjoneill.rvt

Department of Public Works | 860.584.6125

MEMORANDUM

DATE: October 6, 2025 update November 12, 2025

TO: Mayor Ellen Zoppo-Sassu
Board of Public Works
FROM: Raymond A. Rogozinski, P.E., Director of Public Works

RE: **DPW – VACUUM LITTER COLLECTION TRUCK – NIPPER FUNDS**

In accordance with the State's nipper bottle program, the City receives $0.05/nipper purchased in the City. The City has received $390,837 since April of 2022 from the State for 7,816,740 nippers sold in the City. To date, $104,525 has been expended, therefore, **$286,312 is available for City use**. Assuming the purchase of nippers does not decrease, it is estimated that the City will receive approximately $90,000 to 110,000 per year.

To date, the City has used State nipper funds to conduct a residential litter collection program (trash kits), dog waste stations & bags, and downtown trash barrels (annual report attached).

In accordance with State Statute 22a-244b, indicated below, the funds shall be/can be used for measures to reduce solid waste and litter:

All payments received by any municipality pursuant to the provisions of subsection (c) of this section shall be expended by such municipality on environmental measures intended to reduce the generation of solid waste in such municipality or reduce the impact of litter caused by such solid waste, including, but not limited to, the hiring of a recycling coordinator, the installation of storm drain filters designed to block solid waste and beverage container debris or the purchase of a mechanical street sweeper, vacuum or broom that removes litter, including, but not limited to, such beverage containers and other debris from streets, sidewalks and abutting lawn and turf areas.

The use of State nipper funds by other municipalities has varied, and have included implementation of programs similar to Bristol's residential litter program, dog waste, and trash barrels, but have also included funding for a recycling coordinator position, the purchase of street sweepers, and pilot organic municipal collection programs. As previously indicated to the Board of Public Works, the DPW's Solid Waste Superintendent duties currently include recycling coordination functions, and the Department currently has four street sweepers to sweep 234 miles of City roads.

The primary objective of the Department of Public Works has been to utilize State-provided nipper funds to limit and collect litter on and along City streets. As a result, the Department has focused on improving litter collection operations. The Department currently has street sweepers along with a smaller sidewalk sweeper, and a dedicated vacuum machine to collect litter. Department street sweepers collect debris and litter from City streets, but only on paved roadway surfaces. The Department's sidewalk sweeper likewise collects litter from the sidewalk, but only the sidewalk surface. Litter throughout the City is deposited along the road and sidewalk outside the road and sidewalk surface areas, therefore, a machine that collects litter must be able to drive on the roadway or sidewalk surface and have the ability to reach out to pick up/collect the litter. As indicated above, the Department has a dedicated vacuum litter collection machine, purchased in 2009. The machine is in good shape, but is small and has a manual, limited reach, low suction, and cannot drive across the City quickly or safely.

The Department currently picks up curbside litter along City streets. Litter collection consists of two solid waste laborers using hand pickers. Although effective in collecting litter, collection is slow, labor-intensive, and as a result, is generally provided on a complaint-driven basis. The Department is committed to roadside litter collection, however, there has been a reduction of DPW staff, as the FY2025-26 budget eliminated two laborers typically utilized for litter collection. The Department has investigated a number of vehicles and manufacturers over a period of a number of years to find a machine that can drive City streets, has sufficient suction capacity to collect roadside litter, and has an automated sufficient reach.

Based on Department research, DPW proposes the purchase of a Truck Mounted Debris Collector (Model DCL500SM) or similar machine. The vehicle can travel City streets, has a suction capacity powered with a 25 HP engine capable of picking up nippers, bottles, bags of fast-food waste, and typical roadside litter, and most importantly, it has a reach of 10 ft. from the curb line. DPW initially observed the machine at the APWA national conference and was able to arrange a two-day trial period in Bristol on October 22 and 23. During the trial period, two different operators used the vehicle and provided positive feedback. In addition, DPW Fleet mechanics evaluated the vacuum arm mechanism and believe the arm is well-built and will be reliable.

The vehicle is operated with the driver on the right, curbside of the vehicle, similar to an automated rubbish truck (opposite a "normal car"). If purchased, the vehicle will be operated by a solid waste driver collector. Due to the vehicle's high suction capacity, it will also be very useful in Department operations in collecting leaves on City properties and cleaning catch basin tops. The reach of the litter collection arm is large, 10 ft, which will allow DPW to collect litter from the entire City roadway right of way. However, a portion of the litter objectionable to residents is outside the right of way on private property and will not be collected by the proposed machine.

In order to proceed with DPW's procurement of the vacuum litter collection vehicle, the Department requested at the BPW's October 16, 2024 for authorization to utilize nipper funds and proceed with issuing a bid to procure a truck mounted debris collector. The item was tabled based on Board potential interest to purchase a larger model vehicle along with concerns that DPW did not rent a vehicle as a test trial.

The larger truck mounted debris collector was evaluated as part of DPW's initial evaluation, however, based on the BPW's interest in a larger vehicle, additional investigation and a review of previous information were performed. Based on the investigation, DPW confirms its previous recommendation to obtain a Truck Mounted Debris Collector (Model DCL500SM) or similar machine for the following:

1. Model DCL500SM (smaller unit) is more maneuverability than the larger DCL800M model. The DCL500SM over the cab truck is desired over the larger model to pick up litter in the downtown and Federal Hill area.
2. The DCL500SM model has sufficient litter collection capacity at 16 CY.

3. The larger DCL800SM model requires a CDL driver. The DPW recommended DCL500SM model does not require a CDL driver, however, all DPW operation staff have CDL. The specific issue of the need for a CDL driver is not a factor. The need for a CDL driver to operate the larger DCL800SM truck is based on weight, however, it does relate to maneuverability, and due to its smaller size, the DCL500SM is more maneuverable and therefore recommended by DPW.
4. The cost of the larger DCL800SM model is more expensive at $279,404 compared to $204,236 for the smaller DCL500SM. The DCL800SM cost does not include the required need to install a dual steering system. With that said, cost is NOT the primary factor. It is more important that DPW purchases a vehicle that meets its needs, and it should be noted that there are available nipper funds to purchase either vehicle.

DPW also performed an additional investigation on the quality and performance of the vehicle. Additional references were checked, and DPW Fleet Manager solicited comments from a fleet manager social media group. The references were positive. Positive and negative comments were obtained from the fleet manager social media group, however, based on investigation the comments were either not applicable to the vehicle in question, or minor. The City was actually able to arrange a visit to the factory by Commissioner Frank Stawski. He happened to be in Virginia and used the opportunity to visit the factory. It is my understanding that based on his site visit, he has provided a positive recommendation.

In order to move the matter forward DPW requests the following BPW action:

> **Authorize the Department of Public Works to request Board of Finance approval to purchase a truck mounted debris/litter collector vehicle in the amount of $217,000. Said funding shall utilize State-supplied nipper funds provided to the City and includes authorization for DPW to work with the City's Purchasing Department to issue a bid for the DCL 500SM model OR A SIMILAR UNIT.**

If approved, use of City funds will not be required, as all funding for the vehicle will be provided by State nipper funds. It should also be noted that the state nipper funds continue to accumulate at a rate of approximately $116,000/year. DPW has previously requested BPW authorization to use nipper funds to replace a Department street sweeper, and fund an organic waste municipal collection program, however DPW did not receive Board authorization.

The Department has investigated other types of litter collection vehicles. The focus has been to obtain a vehicle with a high vacuum capacity, long reach arm for litter collection, multi-use, and capable of traveling City streets. The investigation found smaller vehicles costing approximately $110,000 – 120,000 that had some of the required elements. There is a model similar to the Department's existing manual arm unit that has an automated arm, however, the reach is smaller (6 ft), it cannot cross the City quickly or safely, has low vacuum capacity, and has received negative

feedback from other municipalities. DPW also investigated a unit that would be installed as an accessory unit to a UTV “gator.” This unit was attractive since the gator could be used by DPW Building Maintenance for snow operations in the new parking garage, however, the arm did not extend 10 ft and did not appear robust. The DCL500SM truck does come with an option of either a gas or diesel engine to drive the vacuum fan. DPW typically prefers diesel engines, however, would specify obtaining a gas engine based on the need for high RPM and reliability issues with the diesel fan system (see attached email).

Feel free to contact me with any questions/concerns at 860-584-6113.

STATE OF CONNECTICUT

COUNCIL ON ENVIRONMENTAL QUALITY

September 19, 2025

RE: Miniature Alcohol Beverage Containers (Nips)

As required by Public Act 23-76, the Connecticut Council on Environmental Quality (Council) is collecting data to undertake a review of measures of local governments implemented pursuant to subsection (d) of section 22a-244b (surcharge on miniature alcohol beverage containers) by surveying municipalities to evaluate how much of the funds have been used and for what environmental measures.

Please find attached a brief survey form. If you could please complete and return (mail or email) the completed form by October 10, it would be much appreciated. Forms can be returned to our offices at CEQ, 79 Elm St., Hartford, CT, 06106, or emailed to CEQ@ct.gov.

Alternatively, an online form has been developed to collect survey responses that can be accessed here: Webform. The password is CEQsurvey2025.

These data are collected for informational purposes only and will appear in aggregate in the Council on Environmental Quality's upcoming annual report "*Environmental Quality in Connecticut*". You can access findings from the 2024 Miniature Alcohol Bottle Survey here.

If you have any questions, please call the Council at 860-424-4000 or email CEQ@ct.gov.

Your input might be used to determine how the program may change in the future. We appreciate your timely response.

Public Act 23-76 requires the Council to conduct a review of the programs and activities of the state and local governments and private organizations, with particular reference to their effect on the environment and on the conservation, development and utilization of natural resources, including "programs and measures of local governments implemented pursuant to **subsection (d) of section 22a-244b**."

Connecticut General Statutes **Sec. 22a-244b** (a), established that *"on and after October 1, 2021, any beverage container containing a spirit or liquor of fifty milliliters or less shall be assessed a five-cent surcharge by the wholesaler of such beverage container to the retailer of such beverage container and by the retailer of such beverage container to the consumer of such beverage container."*

Connecticut General Statutes **Sec. 22a-244b** (d), states that *"all payments received by any municipality ... shall be expended by such municipality on environmental measures intended to reduce the generation of solid waste in such municipality or reduce the impact of litter caused by such solid waste, including, but not limited to, the hiring of a recycling coordinator, the installation of storm drain filters designed to block solid waste and beverage container debris or the purchase of a mechanical street sweeper, vacuum or broom that removes litter, including, but not limited to, such beverage containers and other debris from streets, sidewalks and abutting lawn and turf areas."*

79 Elm Street, Hartford, CT 06106
Phone: (860) 424-4000 portal.ct.gov/ceq

2025 Miniature Alcohol Beverage Container Survey

1. Which municipality are you reporting for? Municipality

2. How much of the funds received through this program have been used to reduce the generation of solid waste or reduce litter between July 1, 2024 and June 30, 2025?
   $ 12,883.41

3. What percent of the funds reported in question 2 have been used on measures to reduce solid waste or litter? (Please indicate all that apply. Should equal 100%)

_____ % hire or provide financial resources for a recycling coordinator

_____ % financial resources for recycling equipment

85 % educational programs (recycling, composting, organics, solid waste reduction)

_____ % installation of storm drain filters

_____ % purchase of mechanical street sweeper, vacuum, or broom that removes litter

_____ % support for personnel to reduce/collect litter

15 % other: (please specify) Shredding Event

Additional Comments - How effective is this program for reducing solid waste and/or litter? Do you have any suggestions for improving the program?

_____

Signature Date

Submit

I certify that, to the best of my knowledge, the information provided is true and accurate.

MUNICIPAL LITTER REDUCTION AUDIT REPORT

Public Act 21-58, enacted in 2021, established the environmental stewardship program that is funded by a 5-cent fee on all 50 ml "nip" alcohol containers sold in Connecticut.

The funding for the program, driven entirely from the fees generated by the sale of the nip containers, is distributed to the municipalities where nips are sold by the Wine & Spirits Wholesalers of Connecticut (WSWC) twice per year.

Pursuant to state law, *"[a]ll payments received by any municipality … shall be expended by such municipality on environmental measures intended to reduce the generation of solid waste in such municipality or reduce the impact of litter caused by such solid waste, including, but not limited to, the hiring of a recycling coordinator, the installation of storm drain filters designed to block solid waste and beverage container debris or the purchase of a mechanical street sweeper, vacuum or broom that removes litter, including, but not limited to, such beverage containers and other debris from streets, sidewalks and abutting lawn and turf areas."*

WSWC is conducting an audit to determine how these funds are being used by Connecticut municipalities. **Accordingly, please complete and return this form by Friday, November 10, 2023** by emailing it to vicki.griffin@wswc.org.

Wine & Spirits Wholesalers of Connecticut
10 Byington Place
Norwalk, CT 06850

Questions: Please call WSWC Executive Director Larry Cafero at (203) 939-1869.

I. CONTACT INFORMATION

DATE:
10/25/2023

MUNICIPALITY:
City of Bristol

NAME OF PERSON FILLING OUT REPORT:
Lindsey Rivers

TITLE:
Public Works Analyst

EMAIL:
lindseyrivers@bristolct.gov

PHONE NUMBER:
860-584-6103

II. DESCRIPTION OF ACTIVITIES THAT YOUR MUNICIPALITY INITIATED AND/OR PAID FOR WITH THE FUNDING RECEIVED FROM THE ENVIRONMENTAL SURCHARGES.

YEAR	LIST EACH ACTIVITY FUNDED BY STEWARDSHIP FEE	AMOUNT SPENT
2022		
YEAR	**ACTIVITY FUNDED BY STEWARDSHIP FEE**	**AMOUNT SPENT**
2023		
02/23 to 06/2023	Litter Trash Kits for residents	$15,950.22
08/30/2023	22 Dog Waste Stations in all parks including dog waste bags	$8,205.18
09/7/2023	Bone Shaped Dog Waste dispenser with bags	$4,443.79
03/01/2023	50 Dome Top Litter Containers	$20,016.00

III. PLEASE INCLUDE ANY SUPPORTING MATERIAL, INTERNET LINKS AND/OR ADDITIONAL PROGRAM INFORMATION OR EVALUATIONS THAT WOULD ENHANCE THE DESCRIPTION OF THE PROGRAMS AND ACTIVITIES LISTED ABOVE.

Date Purchased	Material	Quanity	Vendor	Cost per Item	Cost Total
2/22/2023	Nitrile Gloves Large 1000 Case Gloves Disposable Latex Free Powder Free, Medical Exam Gloves,Bulk Household,Grade 4 Mil	2000	Amazon	$0.04	$81.98
2/22/2023	Visibility Safety Vest, Hi Vis Silver Strip, Men Women, Work, Cycling, Runner, Surveyor, Volunteer, Crossing Guard, Road, Construction,	100	Amazon	$2.36	$236.30
2/22/2023	RMS 34 Inch Extra Long Reacher Grabber - Foldable Gripper and Reaching Tool with Rotating Jaw	100	Amazon	$13.99	$1,399.00
2/22/2023	Plasticplace 55 gallon Trash Bags | 1.2 Mil | Black Heavy Duty Garbage Can Liners | 38" x 58"	400	Amazon	$0.39	$156.76
2/24/2023	Go2Kits First Aid Kit 2.0 USA Made 38 Piece Basic Plus (10 Pack)	100	Amazon	$3.94	$394.20
3/21/2023	Go2Kits First Aid Kit 2.0 USA Made 38 Piece Basic Plus (10 Pack)	100	Amazon	$3.94	$394.20
3/21/2023	Plasticplace 55 gallon Trash Bags | 1.2 Mil | Black Heavy Duty Garbage Can Liners | 38" x 58"	500	Amazon	$0.39	$195.95
3/27/2023	Nitrile Gloves 1000 Count Large Disposable Exam Glove Latex Powder Free Examination Medical Gloves Blue for Medical Use Cooking Cleaning & More	5000	Amazon	$0.04	$195.95
3/27/2023	RMS 34 Inch Extra Long Reacher Grabber - Foldable Gripper and Reaching Tool with Rotating Jaw	150	Amazon	$13.99	$2,098.50

3/27/2023	PeerBasics, 20 Pack, Yellow Reflective High Visibility Safety Vest, Hi Vis Silver Strip, Men Women, Work, Cycling, Runner, Surveyor, Volunteer, Crossing Guard, Road, Construction, Neon (Mesh, 20)...	140	Amazon	$2.36	$323.89
4/19/2023	Garden Rake Heavy Duty Bow Rake with 60" Stainless Steel Handle Metal Rake for Lawn with 14 Tines	1	Amazon	$27.55	$27.55
4/21/2023	RMS 34 Inch Extra Long Reacher Grabber - Foldable Gripper and Reaching Tool with Rotating Jaw	34	Amazon	$13.99	$475.66
4/21/2023	Plasticplace 55 gallon Trash Bags | 1.2 Mil | Black Heavy Duty Garbage Can Liners | 38" x 58"	800	Amazon	$0.39	$309.20
4/21/2023	PeerBasics, 20 Pack, Yellow Reflective High Visibility Safety Vest, Hi Vis Silver Strip, Men Women, Work, Cycling, Runner, Surveyor, Volunteer, Crossing Guard, Road, Construction, Neon (Mesh, 20)...	120	Amazon	$2.36	$277.62
4/21/2023	Fiskars 96685935J Shovel, Black	3	Amazon	$22.79	$68.37
4/21/2023	Garden Rake Heavy Duty Bow Rake with 60" Stainless Steel Handle Metal Rake for Lawn with 14 Tines	3	Amazon	$27.00	$81.00
4/24/2023	2-Pack 33 Inch Grabber Reacher Tool, Long Grabber Tool with Magnetic Rotating Jaw, Anti-Slip and Foldable, Gripper and Reaching Tool, Grabbers for Elderly (Blue)	40	Amazon	$9.50	$379.80
4/28/2023	Go2Kits First Aid Kit 2.0 USA Made 38 Piece Basic Plus (10 Pack)	150	Amazon	$3.94	$591.30
5/25/2023	Go2Kits First Aid Kit 2.0 USA Made 38 Piece Basic Plus (10 Pack)	100	Amazon	$3.94	$394.20

5/25/2023	2-Pack Grabber Reacher Tool,32 Inch Extra Long Foldable Pick Up Stick with Strong Grip Magnetic,360°Rotating Anti-Slip Jaw,Trash Claw Grabber Tool,Trash Picker Tool for Outdoor & Indoor (Blue)	96	Amazon	$8.43	$806.40
5/25/2023	PeerBasics, 20 Pack, Yellow Reflective High Visibility Safety Vest, Hi Vis Silver Strip, Men Women, Work, Cycling, Runner, Surveyor, Volunteer, Crossing Guard, Road, Construction, Neon (Mesh, 20)...	100	Amazon	$2.31	$231.35
5/25/2023	Plasticplace 55 gallon Trash Bags | 1.2 Mil | Black Heavy Duty Garbage Can Liners | 38" x 58"	400	Amazon	$0.40	$158.24
6/1/2023	Go2Kits First Aid Kit 2.0 USA Made 38 Piece Basic Plus (10 Pack)	100	Amazon	$3.94	$394.20
6/1/2023	Plasticplace 55 gallon Trash Bags | 1.2 Mil | Black Heavy Duty Garbage Can Liners | 38" x 58"	700	Amazon	$0.38	$262.85
6/1/2023	RMS 34 Inch Extra Long Reacher Grabber - Foldable Gripper and Reaching Tool with Rotating Jaw	100	Amazon	$13.99	$1,399.00
6/1/2023	PeerBasics, 20 Pack, Yellow Reflective High Visibility Safety Vest, Hi Vis Silver Strip, Men Women, Work, Cycling, Runner, Surveyor, Volunteer, Crossing Guard, Road, Construction, Neon (Mesh, 20)...	100	Amazon	$2.31	$231.35
6/30/2023	Go2Kits First Aid Kit 2.0 USA Made 38 Piece Basic Plus (10 Pack)	200	Amazon	$3.74	$747.00
6/30/2023	RMS 34 Inch Extra Long Reacher Grabber - Foldable Gripper and Reaching Tool with Rotating Jaw	200	Amazon	$13.99	$2,798.00
6/30/2023	Plasticplace 55 gallon Trash Bags | 1.2 Mil | Black Heavy Duty Garbage Can Liners | 38" x 58"	1000	Amazon	$0.39	$378.40

6/30/2023	PeerBasics, 20 Pack, Yellow Reflective High Visibility Safety Vest, Hi Vis Silver Strip, Men Women, Work, Cycling, Runner, Surveyor, Volunteer, Crossing Guard, Road, Construction, Neon (Mesh, 20)...	200	Amazon	$2.31	$462.00
					$15,950.22

DOG WASTE DEPOT

12316 World Trade Dr. #102
San Diego, CA 92128
TEL: 800-678-1612
www.DogWasteDepot.com

Invoice

Date	Invoice #
8/30/2023	567380

Bill To
City of Bristol Acct Payable 111 N Main Street Bristol, CT 06010

Ship To
City of Bristol Parks& Recreation- Rob Lincoln 240 Jacob Street Bristol, CT 06010

PLEASE MAKE ALL CHECKS PAYABLE TO: "Dog Waste Depot"

ORDER#:	Rep	Ship Date	Via	Terms	PO#:	3RD Party Payment C...
22401783	DWD	8/30/2023	FEDEX	INTERNET	22401783	

Quantity	Item Code	Description	Price Each	Amount
22	DEPOT-006-B-GRN	Dog Waste Station - Couple with Leash Sign, The Roll Bag System,Round Can, Color Green	169.99	3,739.78T
1	PAL-DEPOT-001-10	Dog Waste Roll Bag PALLET of 102 cases (10 rolls per case)	3,366.00	3,366.00T
20	DEPOT-002	DOG STATION CAN LINERS CASE 200	54.97	1,099.40T
	Shipping	Shipping Roadrunner PRO #: 570535799 Contact Bob 860-919-5031 Main Office 860-584-6160 Delivery Hours 8-2 Mon - Fri Contact Before delivery	0.00	0.00

REMIT PAYMENT TO:
Dog Waste Depot
12316 World Trade Drive #102
San Diego, CA 92128

FED ID# 27-4523962

Subtotal	$8,205.18
Sales Tax (0.0%)	$0.00
Total	$8,205.18
Payments	$0.00
Balance Due	$8,205.18

KRIS SQUIRES
Print & Promotional Products, llc

21 Lexington Street
Bristol, CT. 06010

Invoice

Date	Invoice #
9/7/2023	25464

Bill To	Ship To
City of Bristol Public Works Department 111 North Main St. Bristol, CT. 06010	131 North Main St. Lindsey Rivers

P.O. Number	Terms	Rep	Ship	Via
22401508	Net 30	KS	8/28/2023	EFL

Quantity	Description	Price Each	Amount
3,000	Bone-shaped Dog Bag Dispenser	1.32	3,960.00
1	Screen setup	40.00	40.00
1	Shipping	443.79	443.79

Thank you for your business.

Total $4,443.79

Phone #	Fax #
860-582-0782	860-584-5041

Toter®

Sourcewell Awarded Contract

Contract # 041521-TOT

841 Meacham Rd, Statesville, NC, 28677
PHONE: 800-424-0422 FAX: 833-930-1124
WQ-10264786

Sell To:

Contact Name	Josh Corey	Ship To Name	City of Bristol CT
Bill To Name	City of Bristol CT	Ship To	111 N Main St Bristol, CT 06010 USA
Bill To	111 N Main St Purchasing Department Bristol, CT 06010-8107 USA		
Email	joshcorey@bristolct.gov		
Phone	(860) 584-7791		

Quote Information

Salesperson	Shane Gore	Created Date	3/1/2023
Salesperson Email	sgore@wastequip.com	Expiration Date	3/16/2023
		Quote Number	WQ-10264786 Please Reference Quote Number on all Purchase Orders

Product	Product Description	Description	Selected Option	Quantity	Sales Price	Total Price
Dome-Top Litter Container - 60 gallon w Gravity Latch	Model 860A --Dome-Top Litter Container - 60 gallon w Gravity Latch --Dimensions: 28.25 l x 28.25 w x 48.75 h --Load Rating: 60G --CU FT: 22.51 --Ship Wt: 45 lbs	--860A Litter Container (ALC) --Graphic Logo Charge listed below	---Body Color - Any Standard Color ---Lid Color - Any Standard Color ---Fully Assembled Ready-to-Roll (Lids Down)	50.00	$294.70	$14,735.00
Graphic Application Charge 1	------ Graphic Application Charge - per application 1	--Graphic Logo & Application for 860A --Single Color --2 Sides		100.00	$22.26	$2,226.00

Payment Terms	Net 30 Days if credit has been established	Subtotal	$16,961.00
Shipping Terms	FOB Origin	Shipping	$3,055.00
		Tax	$0.00
		Grand Total	$20,016.00

Additional Information

Additional Terms: Our Quote is a good faith estimate, based on our understanding of your needs. Subject to our acceptance, your Order is an offer to purchase our Products and services in accordance with the Wastequip Terms & Conditions of Sale ("WQ T&C") located at: https://www.wastequip.com/terms-conditions-of-sale, as of the date set forth in Section 1(b) of the WQ T&C,

Walk-around Outline
ODB DCL500SM16
CDL-EXEMPT
The Most Flexible Truck-Mounted Debris Collection System

- **Non-CDL**
  - ✓ *Labor Resource Flexibility*
- **Single-Person Operation**
  - ✓ *Reduced Labor Costs & Management*
- **In-Cabin Controls**
  - ✓ *Optimal Safety*
- **Patented ECO-MODE™**
  - ✓ *35% Reduced Fuel Consumption*
  - ✓ *Standard*
- **Overall Width: <102"**
  - ✓ *Maneuverability in Tight Areas*
  - ✓ *Reduced Liability*
- **Dual Steering Control - Standard**

SPECIFICATIONS: DCL500SM16

Chassis
- ISUZU NRR
- 215 HP 5.2L I4 Turbocharged Diesel Engine
- 6 Speed automatic transmission
- 30 gallon in-frame fuel tank
- Standard 2" Hitch Receiver
- LED type DOT compliant lighting
- 19,500 lbs GVWR, 25,500 GCWR
- 8,440# front leaf suspension
- 14,550# rear leaf suspension
- Extended 5-year/200,000 mile warranty

Tires
- 225/70R19.5F 12 ply tubeless radial
- 225/70R19.5F 12 ply tubeless radial

Auxiliary engine
- Water cooled Kubota 24HP Diesel engine
- In-cab remote throttle, 2-speed electronic
- Pull-out radiator screen
- Patented ECO-MODE™ system controls which reduces fuel consumption upwards of 35% (~3.1 fewer gal/hr, 15-18 less gallons per day), noise (50%), dust (40%), and wear & tear
- 12-gallon poly fuel tank

Engine/Vacuum System Skid
- Engine exhausts through the floor of the skid
- Skid ladder and handrail
- Diamond plate catwalk
- Tab and Slot construction throughout
- All metal laser-cut for precision

Boom/Hose
- Single Operator, In-cab controls
- 3-axis Standard with wheel type planetary gearbox with gear motor
- Aux engine powered pump
- 12" Urethane Vacuum Hose
- Steel nozzle with replaceable tip
- Boom rest on chassis

Hydraulics
- Proportional
- Boom pump powered by aux engine
- Dump pump powered by truck battery
- Outside cab dump control valve

SPECIFICATIONS: DCL500SM16 *(continued)*

Fan / Impeller
- 20" fan standard
- Option: Shred Master™ Fan – high compaction, high capacity
- Direct belt drive
- Self-clearing
- Scalloped design reduces decibel level
- Back plate protects bearings and shaft
- Fans are robotically welded, stress relieved and statically and dynamically balanced
- AR400 material

Fan housing
- Hinges open with 3-axis boom
- Cleanout door is safety interlocked
- Replaceable ¼" steel liners
- Robotically welded

Fan Bearings
- Proprietary Quad-Glide™ sealed bearings
- Designed in partnership with Timken engineering
- Grease zerks located outside housing with high pressure feed lines

Rear Door
- Manually operated street side hinge door
- Chipper door option
- Backup camera
- Gear driven electric pump
- Dump angle 52 degrees
- LED type DOT amber flashers
- Cab controlled LED directional light bar option

Hopper Construction
- Heavy duty 11-gauge steel
- 83.6" hopper width
- Integrated floor drainage system
- Perforated stainless steel vents
- Regular perforated steel with mesh overlay vents
- Paint Standard white, custom available
- 16 cubic yard capacity

Hoist
- 14,000 LB single cylinder
- Welded into frame

ODB Company 5118 Glen Alden Drive Richmond, VA 23231
800.446.9823 www.odbco.com
ODB Company 5118 Glen Alden Drive Richmond, VA 23231
800.446.9823 www.odbco.com
ODB Company 5118 Glen Alden Drive Richmond, VA 23231
800.446.9823 www.odbco.com

Raymond Rogozinski

From: Raymond Rogozinski
Sent: Monday, October 6, 2025 5:23 PM
To: Raymond Rogozinski

ISUZU

XTREME
VAC

ISUZU

Sent from my iPhone

Rev: 11.15.2022

DATA SHEET: DCL800SM – Unique Value-Added Features

Self-Contained Chassis Mounted Debris & Leaf Collection Loader

DCL800SM

ODB continues to be the performance and quality leader due to their uncompromising high standards in materials and construction, and in their industry-leading innovations. Today's DCL800SM is the culmination of 20 years of continuous improvement on chassis-mounted system that's based on real world feedback from customers, dealers and relentless testing. ODB always takes the extra steps in engineering, design and materials to ensure their leaf & debris collection equipment are the...

- Safest
- Most Functional
- Easiest to Use
- Easiest and Fastest to Maintain
- Most Cost-Effective with the Lowest Cost of Operation and Ownership
- Most Efficient *(see more information below on ODB's patented ECO-MODE™ system.)*

PATENTED ECO-MODE™

Feature	ODB DCL800SM FEATURE DESCRIPTION & COMPARATIVE INFO
1. Chassis and Cab	**Class 6-7 Chassis – with Dual Steering Control, Standard** • Dual steering control enables optimal operation with a single employee, lowering collection costs and reducing labor requirements. • The spacious interior allows for a curbside positioned armrest were ODB installs the joystick for the collection boom control. This provides the optimal user ergonomics. *(A-pillar mounted joysticks, typical in smaller cabs, are cumbersome and can lead to operator fatigue. This configuration also decreases visibility when in the stowed position.)*
2. Collection Boom & Swing Controller	**3 Axis, In-Cabin Boom Motion Control with Proportional Hydraulics** • Engineered for Single Person Operation • ODB's cabin-controlled boom, with up/down, left/right, and in/out action, with 13-foot reach. • ODB's boom controlled with a wheel-type planetary reducer that is a proven solution for high frequency, low backlash movement. • Proportional control provides operational stability, significantly reducing stress associated with torque and inertia stresses, increasing the service life and reliability of the mechanism. • Easier to use ensuring a single operator can complete their job quickly, and most importantly, safely. • Load sensing safety reliefs delivering smooth operation and easier handling.
3. Collection System Engine	**74 HP John Deere Diesel Engine (Final T4)** • With decades of heavy-duty service, ODB has found John Deere diesel engines to deliver the most efficient and reliable operation available, as well as providing the most extensive service network. • ODB also offers the Kubota 3.8L, 87 HP as a gasoline option.

4. Operating Efficiency Upgrades
PATENTED ECO-MODE™
	ODB's Patented ECO-MODE™ High Efficiency Automated Throttle System w/Leaf-Sense™
	an ODB EXCLUSIVE
	ECO-MODE™ automatically engages when the boom is not in collection mode, reducing engine speed to 1,200 RPM, significantly reducing fuel consumption.
	• Research shows that max auxiliary engine RPMs are required only 30% of the work shift.
	• Fuel Consumption reduced 60-70%
	  • *3.1 fewer gal/hr. At $4.89/gal, $15.16/hr saved. ROI on ECO-MODE™ option is in about 7-8 days.*
	  • *$1,500 to $2,500 saved per month.*
	• Increases operating runtime capacity by up to 208%.
	• Dust reduced 50% when engaged. - Noise reduced 40% when engaged.

5. Auxiliary Engine Radiator Air Screen	**ODB's Exclusive Cool-Flow™ Pleated & Boxed Protective Radiator Air Screen** an ODB EXCLUSIVE • ODB's Cool-Flow™ pleated & boxed perforated steel protective screen design effectively keeps unwanted debris out of the radiator, optimizing air flow and ensuring consistent cooling. • Tool-free service access is fast and easy with ODB's quick release clamp and hinge design.

6. Fan PTO Clutch Coupling	**In-Cab Remote Controlled Electric Automotive Style PTO Clutch with Belt-Drive. (Standard)** an ODB EXCLUSIVE ODB's belt-driven PTO clutch coupling was designed to for safer, more efficient single operator operation, ease of maintenance and overall system reliability. • ODB's fan clutch coupling system comes standard with in-cabin remote control. • In-cabin control allows the operator to safely remain in the cab and out of the elements when engaging the fan system, and to dump without blowing air and material into the environment. • The heavy-duty automotive style clutch with belt-drive allows the variable control of fan engagement. • Belt-driven systems reduce the stress on the engine bell housing and crank shaft, increasing the life of the auxiliary engine. • Belt-driven systems are also very easy and quick to adjust.
7. Active Dust Control	**ODB's In-Box Downdraft Street Side Low Bottom Exhaust w/Perforated Screens** an ODB EXCLUSIVE • Virtually eliminates visible debris exiting the hopper. • Narrower box width allows for easier access into tight areas w/improved safety margin when driving. *(90" vs 102").* • The box exhaust is on the street side of the unit, at a low position below the floor of the debris collector body. This reduces the dust cloud dispersion near the operator and parked cars. This also prevents the dust from exiting at a height that could circulate back to the auxiliary engine radiator. • ODB's heavy gauge perforated screens are robust and can be expected to last the life of the system, never requiring maintenance or replacement *(unlike expanded metal and mesh screen designs).*
8. Collection Boom Hose Configuration	**16" x 144" Urethane Vacuum Hose with Clearly-Safe™ Elevated Reach (68")** an ODB EXCLUSIVE • ODB has engineered the DCL800SM to incorporate the Clearly-Safe™ elevated hose mounting system, highest available at 68" from the bottom of the hose to the ground. • At 13-feet, the ODB DCL800SM has the longest standard reach. • This system enables the operator to go over and around mailboxes and other roadside obstacles, improving collection rates, thoroughness and safety, and reduces damage claims *(and the associated hassles!)*
9. Fan Design SHRED MASTER™	**High-Volume Shred-Master™ Fan/Impeller with ODB's integrated backplate** an ODB EXCLUSIVE • ODB's 28" Shred-Master™ shredder fan option increases compaction 60% more than a 30" traditional fan. • ODB's integrated back shielding plate protects the rear fan housing from unnecessary wear, preventing premature maintenance and shields the bearings from excess debris. • The ODB fan design is "self-clearing" optimizing fan capacity and efficiency. • ODB fans are constructed using robotic welding with heavy gauge AR 400, which provides the optimal balance between hardness and impact strength, ensuring reliable service life under unpredictably harsh conditions. • ODB's fans are stress relieved and dynamically balanced.
10. Fan Bearings	**ODB's Proprietary Quad-Glide™ Quad Sealed Bearing System** • ODB has worked for years continually improving bearing robustness and reliability. • The Quad-Glide™ bearing system was designed in collaboration with TIMKEN's® engineering & development team specifically for this harsh application.
11. Hopper Construction	**Heavy Duty 11 Gauge Steel** *(vs 12 gauge)* an ODB EXCLUSIVE • Integrated floor drainage system to minimize water retention and reduce weight. • Hopper width: 87" (7.25') is narrowest in Class for easier access to tight areas. • Perforated steel vented top for proper air flow and minimal dust.

ODB's Hook Lift Chassis

CITY OF BRISTOL
BOARD OF FINANCE AGENDA REQUEST FORM

To: Board of Finance Commissioners

From: Public Works
(Requesting Department)

Date: October 6, 2025
(Submission Date)

For the October 21, 2025 Board of Finance Meeting Agenda
(Date of Meeting)

This request is for:
(Please check the type of request and list in whole dollar amounts)

X Additional Appropriation $ 217,000 (use of CT State Nipper Funds)

☐ Transfer from Contingency $_____

☐ Transfer(s) $_____

☐ Grant $_____

☐ Carry-over(s) $_____

☐ Other

Approval:

This request was approved by the Board of Public Works
(governing Board of your department)

at its meeting held on October 16, 2025.
(date)

_____
(Department Head's signature)

Board of Finance Agenda Request Form

All requests to appear on the Board of Finance meeting agenda for consideration must be submitted to Jodi McGrane in the Comptroller's Office by 10:00 a.m. Monday of the preceding week of the meeting. Board of Finance Meetings are held on the fourth Tuesday of each month at 5:30 p.m. in the Council Chambers.

1. Reason for request:

See attached memorandum from DPW to the BPW dated October 6 2025 regarding Vacuum Litter Collection Truck, Nipper Funds

From:	1213016-432169 CT State Nipper Funds	**To:**	1213016-570500-26023 DPW Litter Collection Truck	**Amount:**	$217,000

Laura Leger

From: Scott Black <scott@sanitaryequipment.com>
Sent: Tuesday, November 11, 2025 8:46 AM
To: Raymond Rogozinski; JamesDivirgilio
Subject: Re: Vac truck

Of course!

Have an outstanding day!

Scott B. Black
Sales Manager

Sanitary Equipment Co., Inc.

(203) 927-9070

(203) 933-9599
scott@sanitaryequipment.com
www.sanitaryequipment.com

PALFINGER STELLAR VACCON labrie + MORE

From: Raymond Rogozinski <RaymondRogozinski@bristolct.gov>
Sent: Tuesday, November 11, 2025 8:44 AM
To: Scott Black <scott@sanitaryequipment.com>; JamesDivirgilio <JamesDivirgilio@bristolct.gov>
Subject: RE: Vac truck

The for the email and the response.

From: Scott Black <scott@sanitaryequipment.com>
Sent: Tuesday, November 11, 2025 8:26 AM
To: JamesDivirgilio <JamesDivirgilio@bristolct.gov>; Raymond Rogozinski <RaymondRogozinski@bristolct.gov>
Subject: Fw: Vac truck

Ray/Jim,

Please read the below for the answer to the Facebook posts.

Thank you,

Scott B. Black
Sales Manager

Sanitary Equipment Co., Inc.

(203) 927-9070

(203) 933-9599
scott@sanitaryequipment.com
www.sanitaryequipment.com

PALFINGER STELLAR VAC-CON labrie + MORE

From: Darrin E. Rickert <DRickert@odbco.com>
Sent: Tuesday, November 11, 2025 6:36 AM
To: Scott Black <scott@sanitaryequipment.com>
Subject: Re: Vac truck

Hi Scott,

I reviewed the comments that were shared and wanted to clarify a few points.

The first comment regarding DOT lighting appears to be misplaced. The unit we provided has all appropriate lighting installed. Since we do not manufacture the truck itself—only the body and its related lighting—this comment doesn't apply to our scope of work.

The second and fourth comments reference the **DCL1000SE25**, which features a "work mode." These remarks are not relevant to the unit in question, as they concern a different model. It's also worth noting that these comments appear to come from the same municipality. I'm familiar with that customer and have personally visited them. They experienced some frustrations and, unfortunately, were more interested in sharing those frustrations broadly than working directly with us to resolve them.

The **DCL1000SE25** uses a single engine and a Marmon-Herrington power divider to utilize the chassis engine to power the entire unit. Like any new innovation, it came with a learning curve. While we work hard to mitigate any issues, some challenges only become apparent once the equipment is in use. This is one reason I have not recommended that model to the City of Bristol.

The third comment references a dual-engine CDL unit, and it's true that we previously identified an issue with backing plates cracking. Our engineering team traced this to the welding process used on the locking nuts, which affected the steel's temper. That issue has since been corrected, and the design update has fully resolved the problem. Importantly, the **non-CDL DCL500SM16** model does not use backing plates or impeller bearings, as it's a direct-drive system—making it simpler and more reliable.

That's one of the reasons I continue to recommend the **DCL500SM16**. It's built around a straightforward, durable design—minimal software, a simple valve body, and no unnecessary complexity.

We always stand behind our equipment and take responsibility when a genuine issue arises. At the same time, proper operation and maintenance are key to consistent performance. If Bristol, CT moves forward with the **DCL500SM16** and follows the recommended care and operating practices, I'm fully confident they'll have an excellent experience.

Best regards,
Darrin Rickert
Northeast Regional Sales Manager
Old Dominion Brush Company
(804) 335-6753
drickert@odbco.com

DARRIN RICKERT
N.E. REGIONAL SALES MGR
(804)335-6753
DRICKERT@ODBCO.COM

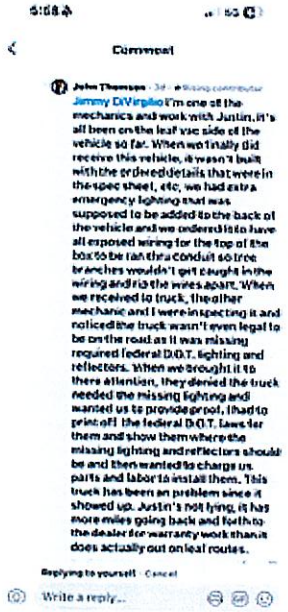
From: Scott Black <scott@sanitaryequipment.com>
Sent: Friday, November 7, 2025 4:59 PM
To: Darrin E. Rickert <DRickert@odbco.com>
Subject: Fw: Vac truck

Read below, we have to provide responses to the below.

Thanks man,

Scott Black
Sales Manager
SECI
203-927-9070 cell
Serving: CT,NY,MA,RI,NH,VT and ME

From: JamesDivirgilio <JamesDivirgilio@bristolct.gov>
Sent: Friday, November 7, 2025 12:57:26 PM
To: Scott Black <scott@sanitaryequipment.com>; Raymond Rogozinski <RaymondRogozinski@bristolct.gov>
Subject: Vac truck



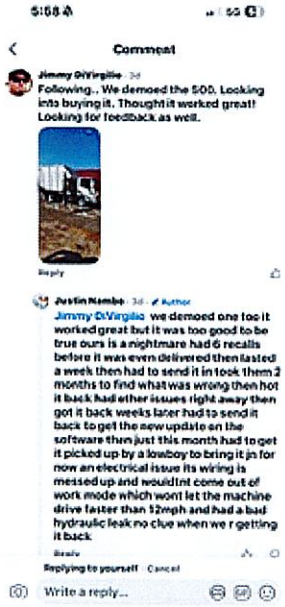
Comment

John Thompson · 3d · Missing comment(s)

Jimmy DiVirgilio I'm one of the mechanics and work with Justin. It's all been on the leaf vac side of the vehicle so far. When we initially did receive this vehicle, it wasn't built with the pride we did details that were in the spec sheet, etc, we had extra emergency lighting that was supposed to be added to the back of the vehicle and we ordered it to have all exposed wiring for the top of the box to be ran thru conduit so tree branches wouldn't get caught in the wiring and rip the wires apart. When we received to truck, the other mechanic and I were inspecting it and noticed the truck wasn't even legal to be on the road as it was missing required federal D.O.T. lighting and reflectors. When we brought it to there attention, they denied the truck needed the missing lighting and wanted us to provide proof, I had to print off the federal D.O.T. laws for them and show them where the missing lighting and reflectors should be and then wanted to charge us parts and labor to install them. This truck has been an problem since it showed up. Justin's not lying, it has more miles going back and forth to the dealer for warranty work than it does actually out on leaf routes.

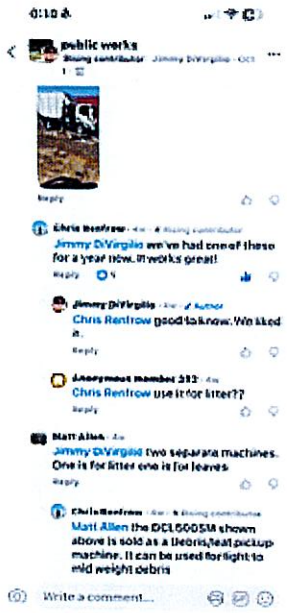
Replying to yourself · Cancel

Write a reply...


Comment
Following.. We demoed the 500. Looking into buying it. Thought it worked great! Looking for feedback as well.
Reply
Author
Jimmy DiVirgilio we demoed one too it worked great but it was too good to be true ours is a nightmare had 6 recalls before it was even delivered then lasted a week then had to send it in took them 2 months to find what was wrong then hot it back had other issues right away then got it back weeks later had to send it back to get the new update on the software then just this month had to get it picked up by a lowboy to bring it in for now an electrical issue its wiring is messed up and wouldtnt come out of work mode which wont let the machine drive faster than 12mph and had a bad hydraulic leak no clue when we r getting it back
Reply
Replying to yourself
Cancel
Write a reply...

6:00
public works
Reply
Ethan Nelson · 5d
Anything GOB is a bastard child
Reply
Kenneth Reed · 4d · 12 Tree contributor
Yes have 3 of them nothing but problems.
Reply
Vince Baker · 4d · Bearing contributor
We have 2 and they ROCK! Dustin Proffitt
Reply
Chris Larsen · 4d
Yes. 320 xxc hours and has cracked the impeller bearing plates 3 times. Gob keeps sending us free parts so he must know it is a problem
Reply
Chris Larsen · 4d
Justin Nambo we have that same truck
Reply
View 1 reply
Jon Maier · 4d
Oh I've heard stories
Reply
Justin Nambo · 4d · Author
Jon Maier pg mair
Reply
Write a comment...

odb vac in public works
Filters
Posts You've Seen
Most Recent
2 comments
Like
Comment
Send
public works
Any one else get one of the single engine ODB vacs having preformance or quality issues? Ours is brand new and has a laundry list of things to fix next month
17
26 comments
Like
Comment
Send
public works
ODB leaf vac demo today! Terre Haute, In



Sent from my iPhone

Laura Leger

From: Scott Black <scott@sanitaryequipment.com>
Sent: Tuesday, November 11, 2025 9:05 AM
To: Raymond Rogozinski; JamesDivirgilio
Subject: Re: Vac truck

Ray,

Per our conversation this morning, I wanted to send you a quick note regarding the DCL500 that the City is looking to move forward with.

We quoted the 78HP Gas Auxiliary Motor for the blower — this is the same configuration that we demonstrated. There are a few key reasons to choose the 78HP gas option over the 24HP diesel:

- Higher horsepower provides greater CFM performance
- Direct-drive clutch on the gas engine means less maintenance and more efficient clutch engagement
- The 24HP diesel cannot be configured with a direct-drive clutch; it's belt-driven, which requires significantly more maintenance. Early DCL500 units that used the John Deere diesel engine experienced more belt-related issues, which led ODB to switch to the gas option. Since that change, those issues have been eliminated. This engine also has less CFM compared to the gas.

We currently have one diesel dual-drive chassis remaining. If you're able to provide a letter of intent, ODB can hold that chassis for us so we don't lose it. The letter only needs to state that the City intends to purchase the ODB DCL500 pending a successful bid process. This would not obligate the City in any way if we do not win the bid.

Thank you so much for your time and consideration.

Sanitary Equipment Co., Inc.

Scott B. Black
Sales Manager

(203) 927-9070

(203) 933-9599
scott@sanitaryequipment.com
www.sanitaryequipment.com

From: Raymond Rogozinski <RaymondRogozinski@bristolct.gov>
Sent: Tuesday, November 11, 2025 8:44 AM
To: Scott Black <scott@sanitaryequipment.com>; JamesDivirgilio <JamesDivirgilio@bristolct.gov>
Subject: RE: Vac truck

The for the email and the response.

From: Scott Black <scott@sanitaryequipment.com>
Sent: Tuesday, November 11, 2025 8:26 AM
To: JamesDivirgilio <JamesDivirgilio@bristolct.gov>; Raymond Rogozinski <RaymondRogozinski@bristolct.gov>
Subject: Fw: Vac truck

Ray/Jim,

Please read the below for the answer to the Facebook posts.

Thank you,

Scott B. Black
Sales Manager

Sanitary Equipment Co., Inc.

(203) 927-9070

(203) 933-9599
scott@sanitaryequipment.com
www.sanitaryequipment.com

From: Darrin E. Rickert <DRickert@odbco.com>
Sent: Tuesday, November 11, 2025 6:36 AM
To: Scott Black <scott@sanitaryequipment.com>
Subject: Re: Vac truck

Hi Scott,

I reviewed the comments that were shared and wanted to clarify a few points.

The first comment regarding DOT lighting appears to be misplaced. The unit we provided has all appropriate lighting installed. Since we do not manufacture the truck itself—only the body and its related lighting—this comment doesn't apply to our scope of work.

The second and fourth comments reference the **DCL1000SE25**, which features a "work mode." These remarks are not relevant to the unit in question, as they concern a different model. It's also worth noting that these comments appear to come from the same municipality. I'm familiar with that customer and have personally visited them. They experienced some frustrations and, unfortunately, were more interested in sharing those frustrations broadly than working directly with us to resolve them.

The **DCL1000SE25** uses a single engine and a Marmon-Herrington power divider to utilize the chassis engine to power the entire unit. Like any new innovation, it came with a learning curve. While we work hard to mitigate any issues, some challenges only become apparent once the equipment is in use. This is one reason I have not recommended that model to the City of Bristol.

The third comment references a dual-engine CDL unit, and it's true that we previously identified an issue with backing plates cracking. Our engineering team traced this to the welding process used on the locking nuts, which affected the steel's temper. That issue has since been corrected, and the design update has fully resolved the problem. Importantly, the **non-CDL DCL500SM16** model does not use backing plates or impeller bearings, as it's a direct-drive system—making it simpler and more reliable.

That's one of the reasons I continue to recommend the **DCL500SM16**. It's built around a straightforward, durable design—minimal software, a simple valve body, and no unnecessary complexity.

We always stand behind our equipment and take responsibility when a genuine issue arises. At the same time, proper operation and maintenance are key to consistent performance. If Bristol, CT moves forward with the **DCL500SM16** and follows the recommended care and operating practices, I'm fully confident they'll have an excellent experience.

Best regards,
Darrin Rickert
Northeast Regional Sales Manager
Old Dominion Brush Company
(804) 335-6753
drickert@odbco.com

DARRIN RICKERT
N.E. REGIONAL SALES MGR
(804)335-6753
DRICKERT@ODBCO.COM

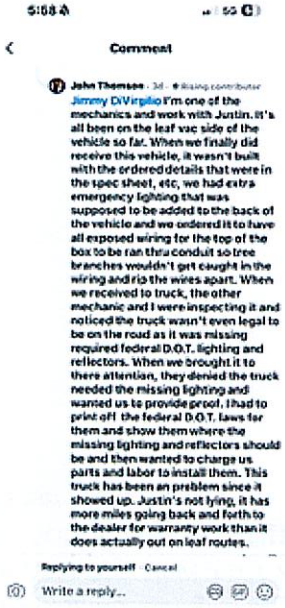
From: Scott Black <scott@sanitaryequipment.com>
Sent: Friday, November 7, 2025 4:59 PM
To: Darrin E. Rickert <DRickert@odbco.com>
Subject: Fw: Vac truck

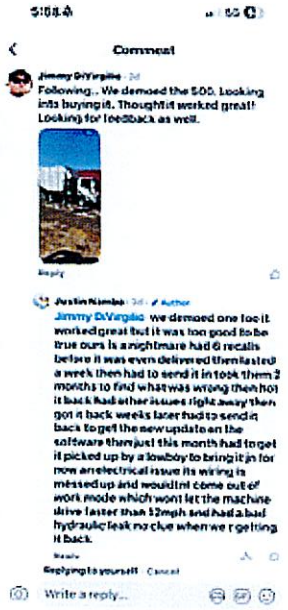
Read below, we have to provide responses to the below.

Thanks man,

Scott Black
Sales Manager
SECI
203-927-9070 cell
Serving: CT,NY,MA,RI,NH,VT and ME

From: JamesDivirgilio <JamesDivirgilio@bristolct.gov>
Sent: Friday, November 7, 2025 12:57:26 PM
To: Scott Black <scott@sanitaryequipment.com>; Raymond Rogozinski <RaymondRogozinski@bristolct.gov>
Subject: Vac truck


5:58
Comment
John Thomson · 3d · Rising contributor
Jimmy DiVirgilio I'm one of the mechanics and work with Justin. It's all been on the leaf vac side of the vehicle so far. When we finally did receive this vehicle, it wasn't built with the ordered details that were in the spec sheet, etc, we had extra emergency lighting that was supposed to be added to the back of the vehicle and we ordered it to have all exposed wiring for the top of the box to be ran thru conduit so tree branches wouldn't get caught in the wiring and rip the wires apart. When we received to truck, the other mechanic and I were inspecting it and noticed the truck wasn't even legal to be on the road as it was missing required federal D.O.T. lighting and reflectors. When we brought it to there attention, they denied the truck needed the missing lighting and wanted us to provide proof. I had to print off the federal D.O.T. laws for them and show them where the missing lighting and reflectors should be and then wanted to charge us parts and labor to install them. This truck has been an problem since it showed up. Justin's not lying, it has more miles going back and forth to the dealer for warranty work than it does actually out on leaf routes.
Replying to yourself · Cancel
Write a reply...


Comment
Following.. We demoed the 500. Looking into buying it. Thought it worked great! Looking for feedback as well.
Reply
Jimmy DeVirgilio we demoed one too it worked great but it was too good to be true ours is a nightmare had 6 recalls before it was even delivered then it sat a week then had to send it in took them 2 months to find what was wrong then got it back had other issues right away then got it back weeks later had to send it back to get the new update on the software then just this month had to get it picked up by a lowboy to bring it in for new an electrical issue its wiring is messed up and would not come out of work mode which wont let the machine drive faster than 12mph and had a bad hydraulic leak no clue when we r getting it back.
Replying to yourself Cancel
Write a reply...

6:00
5G
public works
Justin Nambo · 5d
Reply
Ethan Nelson · 5d
Anything COD is a bastard child
Reply
Kenneth Reed · 5d
Yes have 3 of them nothing but problems
Reply
Vince Baker · 4d
We have 2 and they ROCK! Dustin Proffitt
Reply
Chris Larsen · 4d
Yes. 320 vac hours and has cracked the impeller bearing plates 3 times. Cob keeps sending us free parts so the must know it is a problem
Reply
Chris Larsen · 4d
Justin Nambo we have that same truck
Reply
View 1 reply
Jon Maier · 4d
Oh I've heard stories
Reply
Justin Nambo · 4d · Author
Jon Maier pig mail
Reply
Write a comment...

odb vac in public works
Filters
Posts You've Seen
Most Recent
2 comments
Like
Comment
Send
public works
Any one else get one of the single engine ODB vacs having preformance or quality issues? Ours is brand new and has a laundry list of things to fix next month
17
20 comments
Like
Comment
Send
public works
ODB leaf vac demo today!! Terre Haute, IN

Sent from my iPhone

October 8, 2025 reissued 11/10/25

Monique Reid
436 Clark Ave
Bristol, CT 06010

Re: City of Bristol – Mailbox Damage
Appeal of City Compensation/Mitigation Policy

Dear Ms. Reid,

The Department of Public Works is in receipt of your request for appeal of the Department's compensation/mitigation policy associated with mailboxes damaged by the Department during winter storm operations. In accordance with City policy, property owners are offered the option of the Department of Public Works either replacing the mailbox, or providing a $75 payment for mailboxes installed per USPS regulations. Department records indicate that you reported a damaged mailbox on 12/5/25, 2/9/25, and 2/15/25. The record also indicates that your mailbox did conform to USPS regulations.

Based on your correspondence, you are requesting that the Department of Public Works replace your mailbox with a similar mailbox. Your request is being forwarded to the Board of Public Works as your appeal of the Department policy. The appeal will be heard by the Board at the following meeting:

Meeting: Board of Public Works
Date: Thursday, November 20, 2025
Time: 6:00 PM
Location: Bristol City Hall, 111 North Main St
Room: City Council Chambers – First Floor

You can participate virtually in the Board meeting. Once the meeting agenda is posted on the City's website, the agenda will include a link to a virtual meeting. It is anticipated that the meeting agenda will be posted by 11/14/25, at which time the agenda and link to the meeting can be accessed on the City of Bristol's official website, click "Agendas & Minutes", "Board of Public Works."

City of Bristol
Public Work Department
111 North Main Street
Bristol, CT 06010
www.bristolct.gov

Please note that this letter, along with the attached information, is being provided to the Board of Public Works as part of your appeal.

Feel free to contact me with any questions.

Sincerely,

Raymond A Rogozinski, P.E.
Director of Public Works
860-584-6113
Raymondrogozinski@bristolct.gov

City of Bristol
Public Work Department
111 North Main Street
Bristol, CT 06010
www.bristolct.gov

Raymond Rogozinski

From: Lindsey Rivers
Sent: Wednesday, October 8, 2025 3:28 PM
To: Raymond Rogozinski
Subject: 436 Clark Ave

☐	Laura Leger	02/18/2025 10:22:00 AM	Monique Reid	436 Clark Avenue		[redacted]	Mailbox
☐	Laura Leger	02/10/2025 08:11:00 AM	Monique Reid	436 Clark Avenue		[redacted]	Mailbox
☐	Laura Leger	12/05/2024 09:05:00 AM	Monique Reid	436 Clark Avenue		[redacted]	Mailbox

Page 1 of 1 (3 items) 1

WILLINGER, WILLINGER & BUCCI, PLLC

1000 BRIDGEPORT AVE., STE. 501, SHELTON, CT 06484
PH 1-800-811-4537 | FAX: 203-712-7097

August 15, 2025

Bristol Department of Public Works
111 North Main Street
Bristol, CT 06010

Re: Monique Reid
436 Clark Avenue
Bristol, CT 06010
moniqueareid@outlook.com

FINAL REQUEST FOR ACTION
Request: Replacement of Mailbox
Property: 436 Clark Ave, Bristol, CT

Dear Sir or Madam:

Please be advised that your Ms. Monique Reid has once more consulted this office regarding the above matter. This correspondence follows the initial letter dated July 24, 2025, to which no reply was issued. More particularly, Ms. Reid has authorized us to issue this letter constituting her final request that the Bristol Department of Public Works provide Ms. Reid with a replacement mailbox.

Ms. Reid's request arises from the damage her mailbox sustained this past winter. According to Ms. Reid, her mailbox was struck by the Town of Bristol snow plow on three occasions this past winter season – on December 5, 2024, February 9, 2025, and on February 15, 2025. Ms. Reid previously reported this via telephone and in a letter to the Bristol Department of Public Works, which was received on May 12, 2025. A copy of the letter is enclosed for reference. Please be advised that Ms. Reid has video evidence of all three occasions, which she will provide upon request.

Therefore, Ms. Reid kindly requests that the Bristol Department of Public Works replace her mailbox with the same make and model and install the replacement mailbox at no cost to Ms. Reid. The receipt for the mailbox previously purchased by Ms. Reid is also enclosed for reference. If the same mailbox is unable to be obtained, then Ms. Reid will accept a mailbox of equal or greater value as her previous mailbox. Please contact Ms. Reid directly within **seven (7) days** of this letter to confirm receipt and to schedule the replacement of Ms. Reid's mailbox.

Thank you for your anticipated cooperation and courtesy in this regard.

Sincerely,

David R. Onusko, Esq.

Enclosures
cc: M. Reid
CT-FXJ-TTC

Full Town View | Reset | Base Maps / Air Photos | Map Layer

Full Extent | Zoom In | Zoom Out | Prev Extent | Next Extent | Pan | **Parcel Informatio**

Raymond Rogozinski

From: Raymond Rogozinski
Sent: Monday, November 10, 2025 6:09 PM
To: Raymond Rogozinski
Subject: FW: Bristol BPW - Appeal of Mailbox Damage

From: Monique Reid <moniqueareid@outlook.com>
Sent: Monday, November 10, 2025 4:45 PM
To: Raymond Rogozinski <RaymondRogozinski@bristolct.gov>
Cc: Laura Leger <lauraleger@bristolct.gov>; Lindsey Rivers <lindseywhitneck@yahoo.com>; Eric Evans <EricEvans@bristolct.gov>
Subject: Re: Bristol BPW - Appeal of Mailbox Damage

Okay. My phone number is (860) XXX-XXXX. Thank you.

EDITED BY DPW FOR PRIVACY

Sincerely,
Monique Reid, B.S., M.A.
Investigator I
Ph.d. Candidate-Forensic Psychology
moniqueareid@outlook.com

From: Raymond Rogozinski <RaymondRogozinski@bristolct.gov>
Sent: Monday, November 10, 2025 3:51:11 PM
To: Monique Reid <moniqueareid@outlook.com>
Cc: Laura Leger <lauraleger@bristolct.gov>; Lindsey Rivers <lindseywhitneck@yahoo.com>; Eric Evans <EricEvans@bristolct.gov>
Subject: Bristol BPW - Appeal of Mailbox Damage

BPW meetings are held virtual and in person each month. The City has experienced previous access issue for virtual meeting in the past. The October meeting did not have any other participated try to or attend virtually, therefore I cannot determine the specific issue associated with accessing the meeting. As previously indicated the item was tables to November in order to allow you an opportunity to participate.

For the November meeting, DPW will provide you with the link to the meeting, you should be able to click the meeting link to participate in the meeting. You can also attend in person, however I will be at the meeting and will check on my phone to confirm the meeting link is working. If it is not working, I will call you directly and you can participate verbally over the phone. Please provide a number that I will be able to contact you on.

Available to discuss 860-584-6113.

From: Monique Reid <moniqueareid@outlook.com>
Sent: Monday, November 10, 2025 3:36 PM
To: Raymond Rogozinski <RaymondRogozinski@bristolct.gov>
Cc: Laura Leger <lauraleger@bristolct.gov>; Lindsey Rivers <lindseywhitneck@yahoo.com>
Subject: Re: Bristol BPW - Appeal of Mailbox Damage

I am still waiting on someone to get back to me regarding why I was not able to access the link last month. AM I going to have the same problem this month?

Sincerely,
Monique Reid, B.S., M.A.
Investigator I
Ph.d. Candidate-Forensic Psychology
moniqueareid@outlook.com

From: Raymond Rogozinski <RaymondRogozinski@bristolct.gov>
Sent: Monday, November 10, 2025 3:33:25 PM
To: Monique Reid <moniqueareid@outlook.com>
Cc: Laura Leger <lauraleger@bristolct.gov>; Lindsey Rivers <lindseywhitneck@yahoo.com>; Laura Leger <lauraleger@bristolct.gov>
Subject: Bristol BPW - Appeal of Mailbox Damage

Reminder, the Board of Public Works will hear your appeal at its Nov 20, 2025 meeting. The meeting is 6:00 PM at City Hall. DPW will forward you the agenda next week. Can you also please confirm the amount of your claim.

From: Monique Reid <moniqueareid@outlook.com>
Sent: Saturday, October 25, 2025 9:33 AM
To: Raymond Rogozinski <RaymondRogozinski@bristolct.gov>
Cc: Laura Leger <lauraleger@bristolct.gov>; Lindsey Rivers <lindseywhitneck@yahoo.com>
Subject: Re: Appeal of Mailbox Damage

Okay thank you.

Sincerely,
Monique Reid, B.S., M.A.
Investigator I
Ph.d. Candidate-Forensic Psychology
moniqueareid@outlook.com

From: Raymond Rogozinski <RaymondRogozinski@bristolct.gov>
Sent: Saturday, October 25, 2025 9:25:08 AM
To: Monique Reid <moniqueareid@outlook.com>
Cc: Laura Leger <lauraleger@bristolct.gov>; Lindsey Rivers <lindseywhitneck@yahoo.com>
Subject: Re: Appeal of Mailbox Damage

I will look into your access issue when I go to work on Monday. It was tabled because you were not at the meeting. The board wanted to provide you an opportunity to speak.

Sent from my iPhone

> On Oct 25, 2025, at 9:13 AM, Monique Reid <moniqueareid@outlook.com> wrote:
>
> Ummm okay, why was it tabled? And that doesn't explain why I was not able to access the alleged virtual link according to the instructions I the letter. Is it going to be the same thing on 11/20? This whole experience is beyond frustrating!

Sincerely,
Monique Reid, B.S., M.A.
Investigator I
Ph.d. Candidate-Forensic Psychology
moniqueareid@outlook.com

From: Raymond Rogozinski <RaymondRogozinski@bristolct.gov>
Sent: Friday, October 24, 2025 9:47:14 PM
To: Monique Reid <moniqueareid@outlook.com>
Cc: Laura Leger <lauraleger@bristolct.gov>; Lindsey Rivers <lindseywhitneck@yahoo.com>
Subject: Re: Appeal of Mailbox Damage

Your item was tabled. The next meeting is scheduled for 11/20/25 at 6:00 pm.

Sent from my iPhone

> On Oct 24, 2025, at 11:21 AM, Monique Reid <moniqueareid@outlook.com> wrote:
>
> Sorry, I forgot to attach the photo of the message I received while trying to access the meeting last week. Thank you.
>
> Sincerely,
> Monique Reid, B.S., M.A.
> Investigator I
> Ph.d. Candidate-Forensic Psychology
> moniqueareid@outlook.com
>
> ---
>
> **From:** Monique Reid
> **Sent:** Friday, October 24, 2025 11:03:19 AM
> **To:** raymondrogozinski@bristolct.gov <raymondrogozinski@bristolct.gov>
> **Subject:** Re: Appeal of Mailbox Damage
>
> Good morning sir,
>
> I hope this email finds you doing well. I am writing in regards to a letter that I received from you for my appeal to the damage to my mailbox. I spent 32 minutes on 10/16 attempting to access the virtual meeting for the city council meeting based on your instructions in the letter and I was never able to do so as it kept telling me that there was no video available.
>
> Sincerely,
> Monique Reid, B.S., M.A.
> Investigator I
> Ph.d. Candidate-Forensic Psychology
> moniqueareid@outlook.com
> <1000042208.jpg>

Department of Public Works | 860.584.6125

MEMORANDUM

DATE: November 12, 2025

TO: Mayor Ellen Zoppo-Sassu
Board of Public Works
FROM: Raymond A. Rogozinski, P.E., Director of Public Works

RE: DPW – REPLACEMENT OF BROAD ST RETAINING WALL (EAST OF THE TODD ROAD INTERSECTION)

The existing stone retaining wall along the Pequabuck River, east of the Todd Road intersection is in need of replacement. A section of the stone retaining wall collapsed in 2021 and has been temporarily fixed with concrete block since that time. The area of repair is evident by an asphalt patch (see attached).

The project consists of full replacement of the existing 264 LF of 14 FT high retaining wall with a poured in place concrete wall. Environmental permits (USACOE, CT DEEP, and Bristol Inland Wetland) are in place along with funding ($1,700,000).

The design has been completed by WMC Engineers and is scheduled to be bid in January for construction in 2026 (starting in April). Construction is anticipated to take 6 months. The project will impact traffic. The base bid includes closing Broad St from Todd Rd to the intersection with east Main and Central St to one-way traffic, with a bid alternate to establish alternating one-way traffic utilizing temporary traffic signals. The bid alternate utilizing temporary traffic signals will include a provision to purchase the signal (Est $40,000) that can be used for subsequent projects. In addition to cost, the curb cut for 117 Broad St may pose a challenge. Although a bid alternate for modular block walls will not be part of the bid, if proposed by contractor, consideration will be given by DPW to reduce construction time.

The design included the performance of soil boring which were consistent, however, variability in subsurface remain the highest risk for potential change orders.

City of Bristol
Public Work Department
111 North Main Street
Bristol, CT 06010
www.bristolct.gov

The project design engineer, WMC Engineers, will be attending the Board's November 20, 2025 meeting to provide a brief presentation and address any questions.

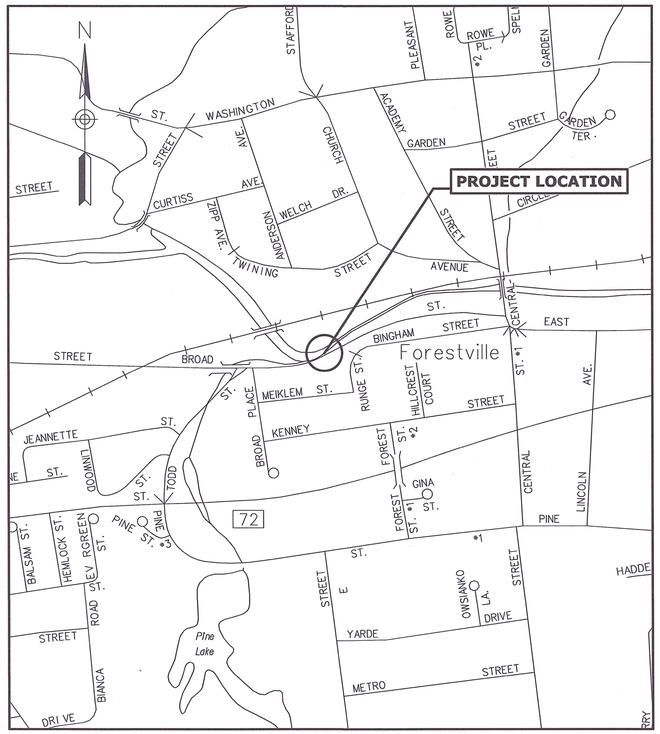
Please feel free to contact me with any questions or concerns at 860-584-6113.

City of Bristol
Public Work Department
111 North Main Street
Bristol, CT 06010
www.bristolct.gov

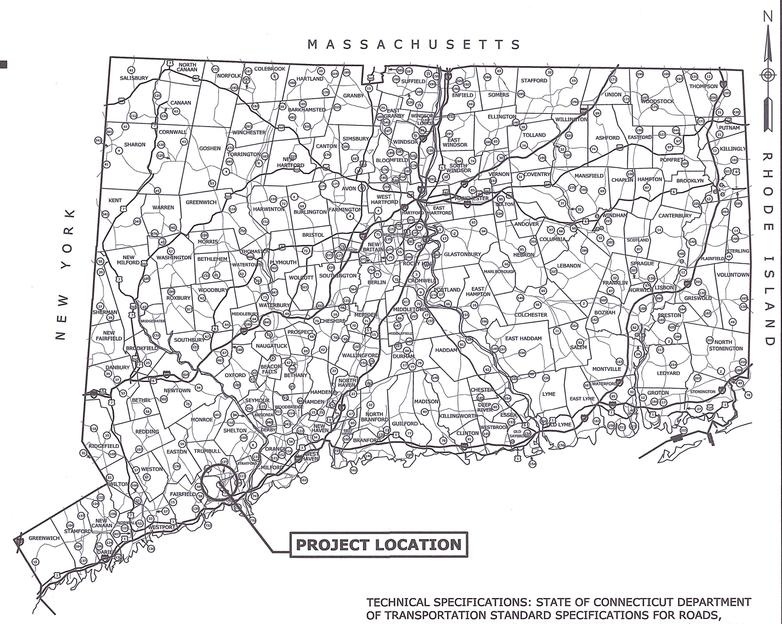
CITY OF BRISTOL, CONNECTICUT

PLAN FOR REPLACEMENT OF RETAINING WALL ALONG BROAD STREET AT PEQUABUCK RIVER

ROADWAY RECONSTRUCTION
TO BE MAINTAINED BY THE CITY OF BRISTOL



LOCATION MAP
NOT TO SCALE



LIST OF DRAWINGS	
SHEET NO.	TITLE
1	TITLE SHEET
2	ALTERNATING ONE-WAY PLAN
3	DETOUR PLAN
4	EXISTING PLAN
5	ROADWAY PLAN
6	ROADWAY PROFILE
7-8	ROADWAY SECTIONS
9	HANDLING WATER PLAN
10	EROSION CONTROL DETAILS
11	HANDLING WATER DETAILS
12	STRUCTURE PLAN
13	MISCELLANEOUS DETAILS
14	BORING LOGS

TECHNICAL SPECIFICATIONS: STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, FACILITIES, AND INCIDENTAL CONSTRUCTION (FORM 819 DATED 2024) AND ALL LATEST SUPPLEMENTAL SPECIFICATIONS OR LATEST AT THE TIME OF BID THERETO, AS WELL AS ANY SPECIAL PROVISIONS BY THE CITY OF BRISTOL.

DESIGN STANDARDS: AASHTO POLICY ON THE GEOMETRIC DESIGN OF HIGHWAYS AND STREETS, DATED 2004 AND THE CONNECTICUT DEPARTMENT OF TRANSPORTATION HIGHWAY DESIGN MANUAL DATED 2003. AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS (AASHTO NINETH EDITION), DATED 2020, AS SUPPLEMENTED BY THE CONNECTICUT DEPARTMENT OF TRANSPORTATION BRIDGE DESIGN MANUAL DATED 2003.

SURVEY: ALL COORDINATES ON THE PROJECT ARE BASED ON 1983 N.A.D. ALL ELEVATIONS ARE BASED ON 1988 N.A.V.D.

CONNECTICUT DEPARTMENT OF TRANSPORTATION OR CITY OF BRISTOL BIDDING AND OTHER INFORMATION AND DOCUMENTS WHICH ARE OBTAINED THROUGH THE INTERNET, WORLD WIDE WEB SITES OR OTHER SOURCES ARE NOT TO BE CONSTRUED TO BE OFFICIAL INFORMATION FOR THE PURPOSES OF BIDDING OR CONDUCTING OTHER BUSINESS WITH THE CITY OF BRISTOL.

IT IS THE RESPONSIBILITY OF EACH BIDDER AND ALL OTHER INTERESTED PARTIES TO OBTAIN ALL BIDDING RELATED INFORMATION AND DOCUMENTS FROM OFFICIAL SOURCES WITHIN THE CITY OF BRISTOL.

PERSONS AND/OR ENTITIES WHICH REPRODUCE AND/OR MAKE SUCH INFORMATION AVAILABLE BY ANY MEANS ARE NOT AUTHORIZED BY THE CITY OF BRISTOL TO DO SO AND MAY BE LIABLE FOR CLAIMS RESULTING FROM THE DISSEMINATION OF UNOFFICIAL, INCOMPLETE AND/OR INACCURATE INFORMATION.

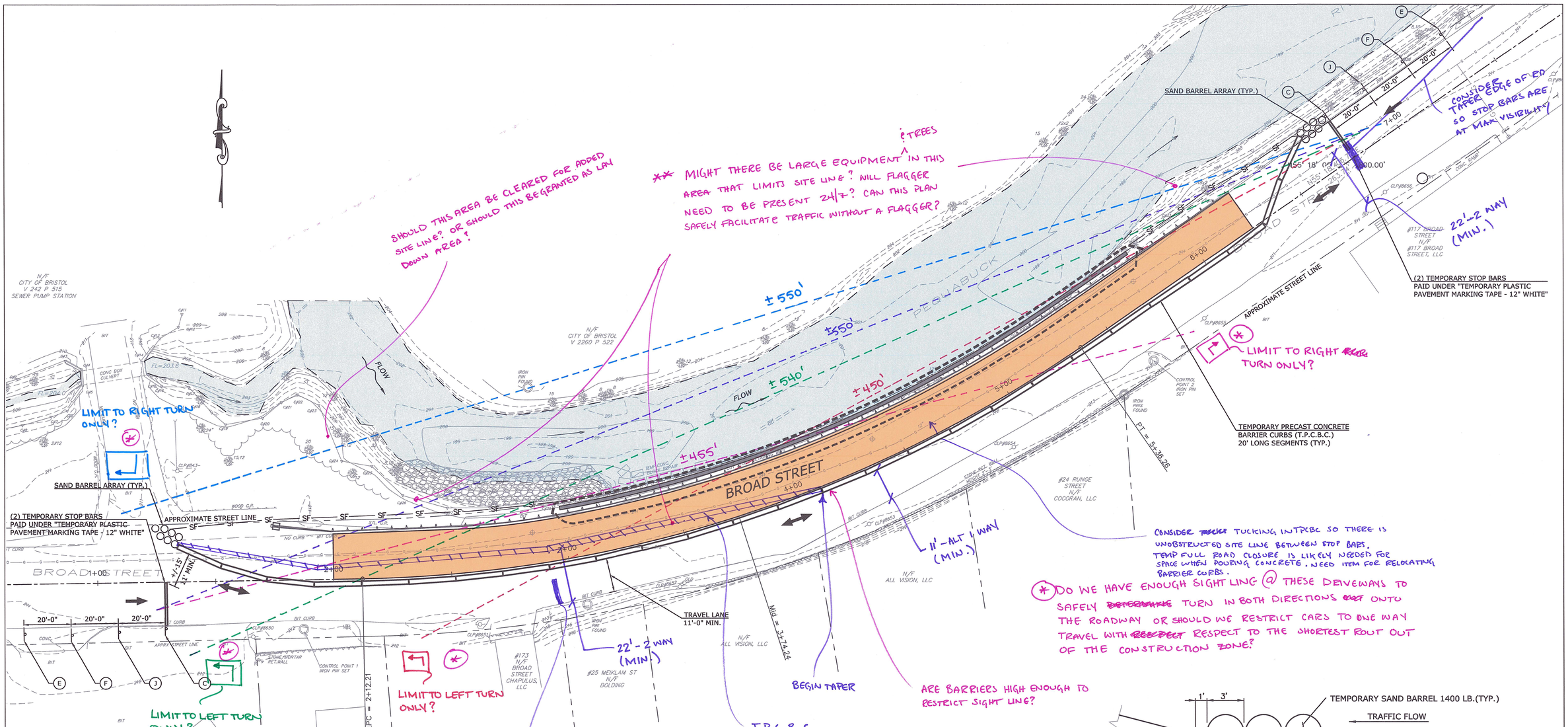
DESIGNED BY WMC CONSULTING ENGINEERS

SUBMITTED BY _____ DATE _____

DIRECTOR OF PUBLIC WORKS - CITY OF BRISTOL

_____ DATE _____
RAYMOND ROGOZINSKI

DATE: 12/16/2024

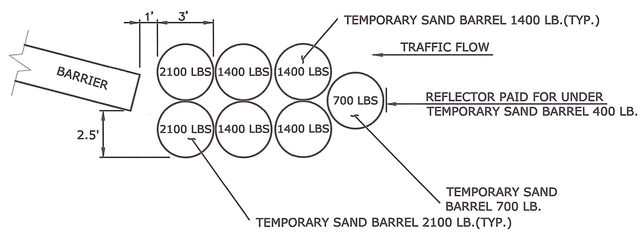


ALTERNATING ONE-WAY TRAFFIC PLAN

SCALE: 1" = 20'-0"

NOTES:

1. ALTERNATING ONE-WAY PLAN TO BE IMPLEMENTED AT THE END OF EACH WORK DAY
2. ALTERNATING ONE-WAY TRAFFIC SIGNS TO BE COVERED DURING ROAD CLOSURE OPERATIONS



SAND BARREL ARRAY

NOT TO SCALE

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE TOWN AND IS IN NO WAY WARRANTED TO INDICATE THE TRUE CONDITIONS OR ACTUAL QUANTITIES OR DISTRIBUTION OF QUANTITIES OF WORK WHICH WILL BE REQUIRED.

NO.	DATE	DESCRIPTION

REVISIONS

SUPV.	J.A.C.
DESIGN	K.K.
DRAWN	D.T.J.
CHECKED	K.O.E.
DATE	09/19/25

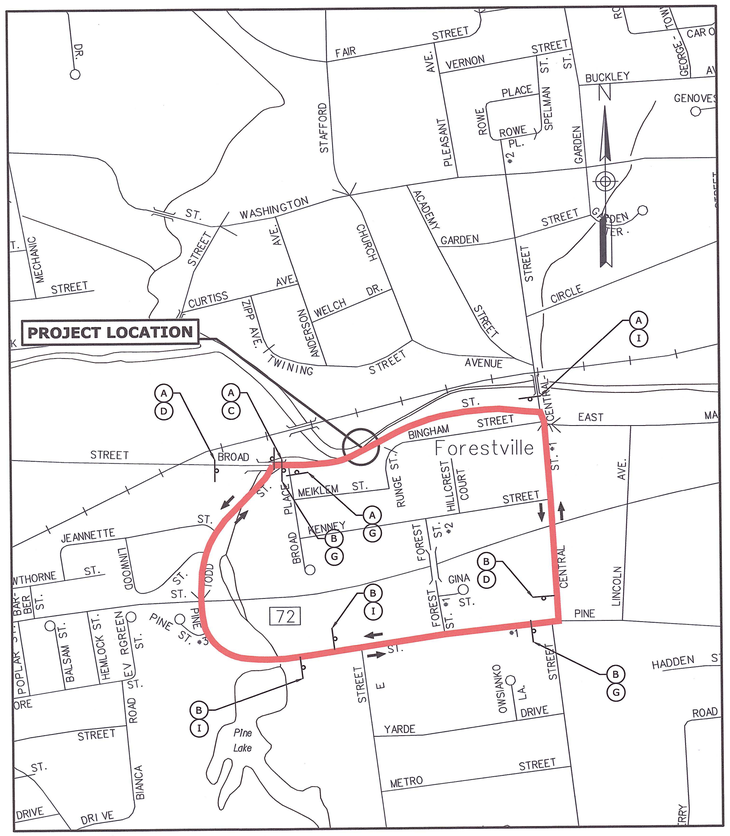
FD SUBMITTAL

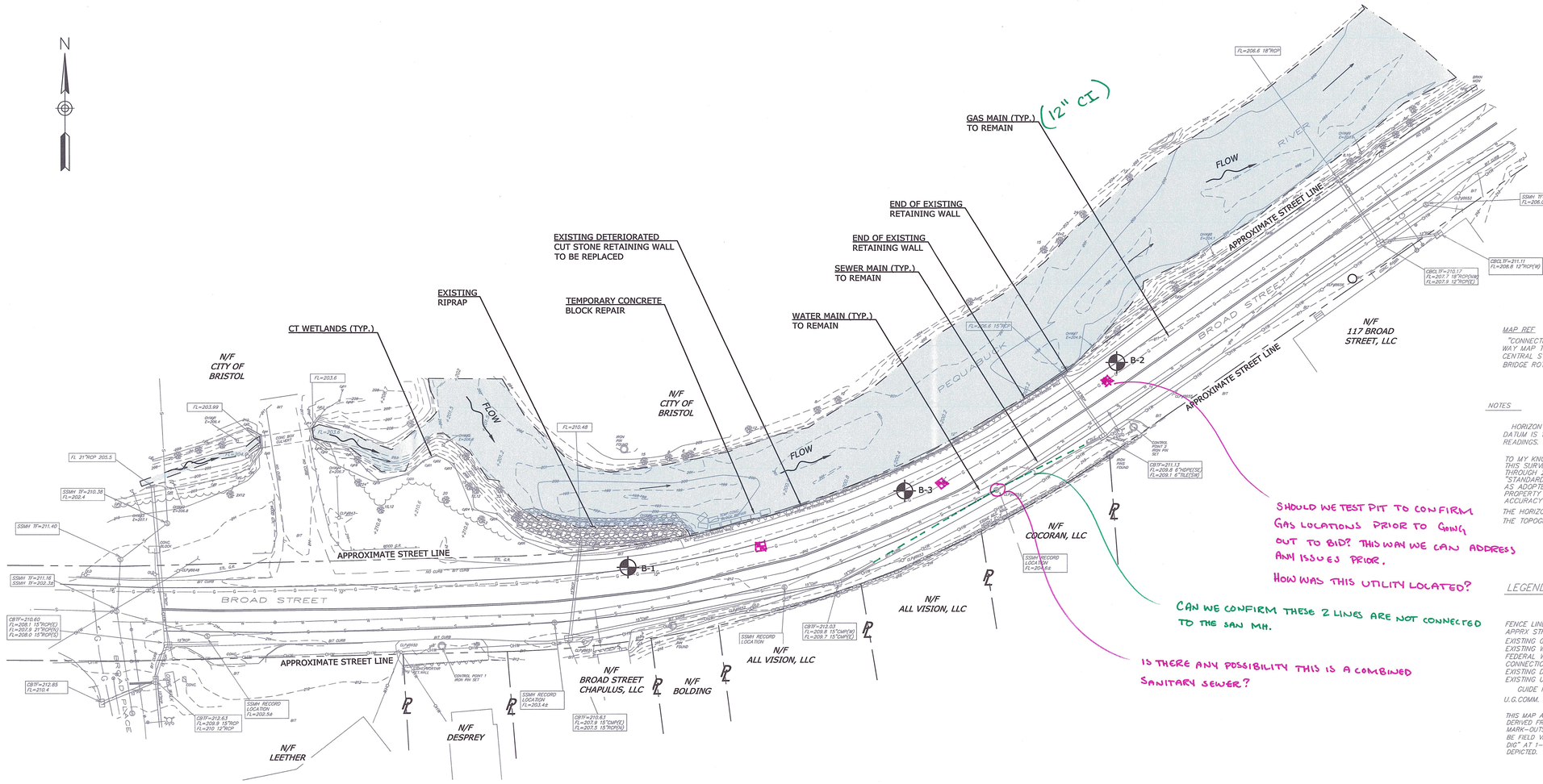
WMC CONSULTING ENGINEERS
• WENGELL, McDONNELL & COSTELLO •
87 HOLMES ROAD
NEWINGTON, CT 06111
(860) 667-9624

PREPARED FOR
CITY OF BRISTOL
150 MAIN STREET
BRISTOL, CT 06010

REPLACEMENT OF RETAINING WALL ALONG BROAD STREET AT PEQUABUCK RIVER ALTERNATING ONE-WAY TRAFFIC PLAN

SIZE	PROJECT	FILE NAME	NUMBER	REV.	SHEET	OF
D	BRISTOL - BROAD ST	FD	23067.10		2	14


PROJECT LOCATION
Forestville
Pine Lake
72
FAIR STREET
VERNON AVE.
STREET
BUCKLEY
PLACE
ROWE PL.
ROWE
SPELMAN ST.
GARDEN
STAFFORD
PLEASANT
WASHINGTON ST.
ACADEMY
GARDEN STREET
CHURCH
MECHANIC STREET
CURTISS STREET
ZIPP AVE.
ANDERSON
WELCH DR.
TWINING
STREET
AVENUE
CIRCLE
CENTRAL
EAST
BINGHAM STREET
BROAD STREET
PLAINVIEW
MEIKLEM ST.
RUNGE ST.
HILLCREST COURT
KENNEY
FOREST ST. #1
FOREST ST. #2
GINA ST.
JEANNETTE ST.
WINDSOR
TODD
PINE ST. #3
PINE
LINCOLN AVE.
HADDEN
POPLAR ST.
BARBER ST.
BALSAM ST.
HEMLOCK ST.
EVERGREEN ST.
OWSIANKO LA.
YARDE DRIVE
METRO STREET
BIANCA DRIVE
ROAD
STREET
DRIVE
DRIVE
ROAD
ST.
ROAD
STREET
ST.
ROAD
STREET
ST.
ROAD
STREET



EXISTING CONDITIONS PLAN

SCALE: 1" = 30'

MAP REF

"CONNECTICUT STATE HIGHWAY DEPARTMENT RIGHT OF WAY MAP TOWN OF BRISTOL BROAD STREET FROM CENTRAL ST., WESTERLY TO THE PEQUABUCK RIVER BRIDGE ROTE NO.11.3" SHEET 1 OF 3 1"40" REV 6-23-66

NOTES

HORIZONTAL DATUM IS CT GRID 1983 NAD. VERTICAL DATUM IS 1988 NAVD. BOTH OBTAINED FROM RTK GPS READINGS. SURVEY PERFORMED IN MAY 2024.

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON. THIS SURVEY AND MAP HAS BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20-300B-1 THROUGH 20-300B-20 OF THE REGULATIONS OF CONNECTICUT'S DEPT. OF CONSUMER PROTECTION "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26,1996. PROPERTY BOUNDARY DATA BASED ON A DEPENDENT RESURVEY CONFORMING TO HORIZONTAL ACCURACY CLASS D.

THE HORIZONTAL BASELINE CONFORMS TO A CLASS A-2 ACCURACY.
THE TOPOGRAPHIC SURVEY CONFORMS TO A CLASS T-2 ACCURACY

LEGEND

FENCE LINE		ELECTRIC MANHOLE	E
APPRX STREET LINE		SEWER MANHOLE	S
EXISTING GAS AS NOTED	G G	TELEPHONE MANHOLE	T
EXISTING WATER MAINS	W W	ELEC. CABINET	E
FEDERAL WETLANDS	FWL FWL	LIGHT STD.	
CONNECTICUT WETLANDS	CWL CWL	CATCH BASINS	CB
EXISTING DRAINAGE PIPES		HYDRANT	
EXISTING UNGND. ELECTRIC		UTILITY POLE	
GUIDE RAILS		TREE W/SIZE(INCHES)	8
U.G.COMM. LINE		TEST BORE	

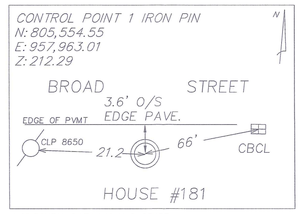
THIS MAP AND THE UTILITIES DEPICTED HEREON WERE DERIVED FROM THE BEST AVAILABLE RECORD MAPS AND MARK-OUTS AND ARE APPROXIMATE ONLY AND SHOULD BE FIELD VERIFIED. PLEASE CONTACT "CALL BEFORE YOU DIG" AT 1-800-922-4455. ALL UTILITIES MAY NOT BE DEPICTED.

GRAPHIC SCALE

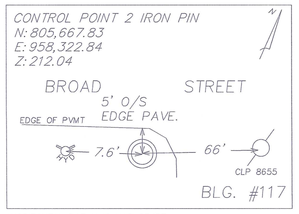
30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE TOWN AND IS IN NO WAY WARRANTED TO INDICATE THE TRUE CONDITIONS OR ACTUAL QUANTITIES OR DISTRIBUTION OF QUANTITIES OF WORK WHICH WILL BE REQUIRED.



HORIZONTAL DATUM IS NAD 83/87
VERTICAL DATUM IS 88 NAVD.



HORIZONTAL DATUM IS NAD 83/87
VERTICAL DATUM IS 88 NAVD.

SURVEY BENCHMARKS

SCALE: 1" = 20'

NO.	DATE	DESCRIPTION

REVISIONS

SUPV.	J.A.C.
DESIGN	K.K.
DRAWN	D.T.J.
CHECKED	K.O.E.
DATE	09/19/25

FD SUBMITTAL

WMC CONSULTING ENGINEERS

• WENGELL, McDONNELL & COSTELLO •
87 HOLMES ROAD
NEWINGTON, CT 06111
(860) 667-9624

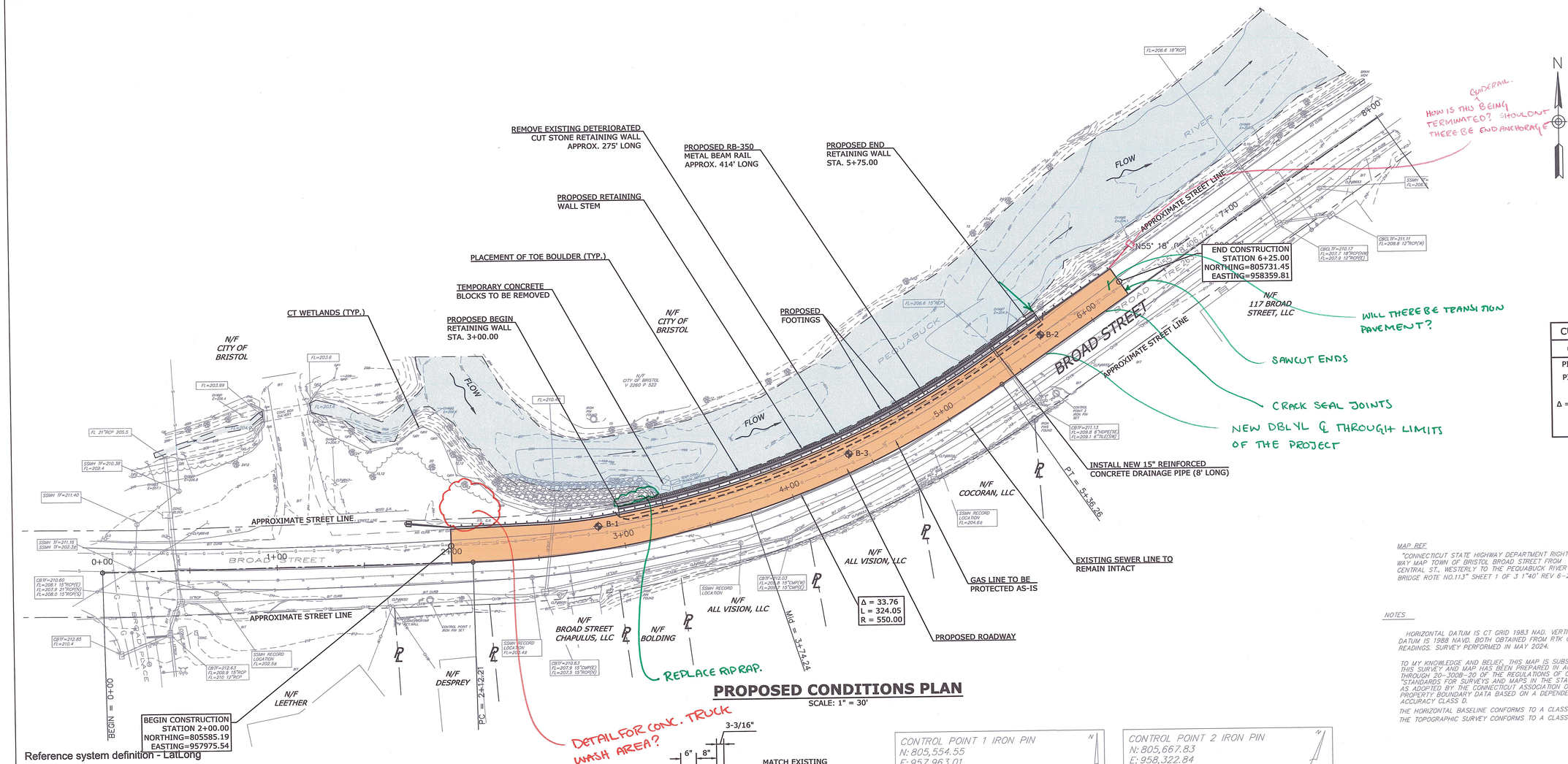
PREPARED FOR

CITY OF BRISTOL
150 MAIN STREET
BRISTOL, CT 06010

REPLACEMENT OF RETAINING WALL ALONG BROAD STREET AT PEQUABUCK RIVER EXISTING CONDITIONS

SIZE	PROJECT	FILE NAME	NUMBER	REV.
D	BRISTOL - BROAD ST	FD	23067.10	

SHEET 4 OF 14



PROPOSED CONDITIONS PLAN

SCALE: 1" = 30'

CURVE DATA
CURVE #1
PI N 805578.54
PI E 958154.77
L = 324.05'
Δ = 72° 10' 50.79"
R = 550.00'
T = 162.03'

MAP REF

"CONNECTICUT STATE HIGHWAY DEPARTMENT RIGHT OF WAY MAP TOWN OF BRISTOL BROAD STREET FROM CENTRAL ST., WESTERLY TO THE PEQUABUCK RIVER BRIDGE ROTE NO.113" SHEET 1 OF 3 1"40' REV 6-23-66

NOTES

HORIZONTAL DATUM IS CT GRID 1983 NAD. VERTICAL DATUM IS 1988 NAVD. BOTH OBTAINED FROM RTK GPS READINGS. SURVEY PERFORMED IN MAY 2024.

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON. THIS SURVEY AND MAP HAS BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20-300B-1 THROUGH 20-300B-20 OF THE REGULATIONS OF CONNECTICUT'S DEPT. OF CONSUMER PROTECTION "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26,19[illegible] PROPERTY BOUNDARY DATA BASED ON A DEPENDENT RESURVEY CONFORMING TO HORIZONTAL ACCURACY CLASS D.

THE HORIZONTAL BASELINE CONFORMS TO A CLASS A-2 ACCURACY.

THE TOPOGRAPHIC SURVEY CONFORMS TO A CLASS T-2 ACCURACY

FISHERIES NOTES:

1. THE PROJECT SITE IS LOCATED WITHIN THE PEQUABUCK RIVER TROUT MANAGEMENT AREA, AND INCLUDES TROUT SITES THAT ARE REGULARLY STOCKED WITH TROUT.
2. TO COORDINATE TROUT STOCKING ACTIVITIES, MATTHEW (MATTHEW.DEVINE@CT.GOV) SHOULD BE CONTACTED WHEN CONSTRUCTION IS SET TO BEGIN.
3. UNCONFINED INSTREAM WORK SHOULD BE LIMITED FROM JUNE 1ST- SEPTEMBER 30TH. THE INSTALLATION AND REMOVAL OF COFFERDAMS IS PERMISSIBLE OUTSIDE OF THIS PERIOD.
4. PRIOR TO THE PLACEMENT OF CHANNEL BOULDERS FISHERIES STAFF SHALL BE NOTIFIED TO BE PRESENT FOR THE PLACEMENT.

GRAPHIC SCALE

30 0 15 30 60 120

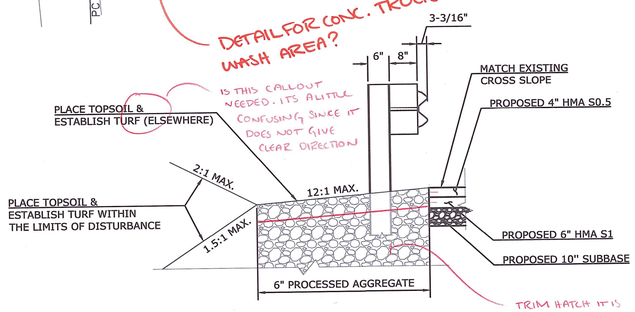
(IN FEET)

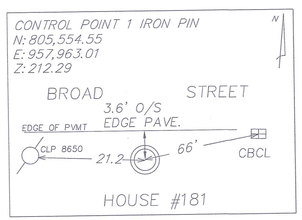
1 inch = 30 ft.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE TOWN AND IS IN NO WAY WARRANTED TO INDICATE THE TRUE CONDITIONS OR ACTUAL QUANTITIES OR DISTRIBUTION OF QUANTITIES OF WORK WHICH WILL BE REQUIRED.

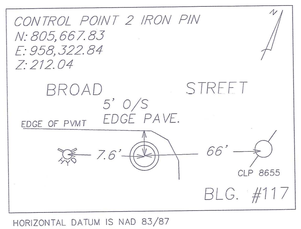
R-B 350 METAL BEAM RAIL

SCALE: N.T.S.





HORIZONTAL DATUM IS NAD 83/87
VERTICAL DATUM IS 88 NAVD.



HORIZONTAL DATUM IS NAD 83/87
VERTICAL DATUM IS 88 NAVD.

SURVEY BENCHMARKS

SCALE: 1" = 20'

LEGEND

FENCE LINE
APPRX STREET LINE
EXISTING GAS AS NOTED
EXISTING WATER MAINS
FEDERAL WETLANDS
CONNECTICUT WETLANDS
EXISTING DRAINAGE PIPES
EXISTING UNDRG. ELECTRIC
GUIDE RAILS
U.G.COMM. LINE

ELECTRIC MANHOLE
SEWER MANHOLE
TELEPHONE MANHOLE
ELEC. CABINET
LIGHT STD.
CATCH BASINS
HYDRANT
UTILITY POLE
TREE W/SIZE(INCHES)
TEST BORE

THIS MAP AND THE UTILITIES DEPICTED HEREON WERE DERIVED FROM THE BEST AVAILABLE RECORD MAPS AND MARK-OUTS AND ARE APPROXIMATE ONLY AND SHOULD BE FIELD VERIFIED. PLEASE CONTACT "CALL BEFORE YOU DIG" AT 1-800-922-4455. ALL UTILITIES MAY NOT BE DEPICTED.

NO.	DATE	DESCRIPTION

REVISIONS

SUPV.	J.A.C.
DESIGN	K.K.
DRAWN	D.T.J.
CHECKED	K.O.E.
DATE	09/19/25

FD SUBMITTAL

WMC CONSULTING ENGINEERS
• WENGELL, McDONNELL & COSTELLO •
87 HOLMES ROAD
NEWINGTON, CT 06111
(860) 667-9624

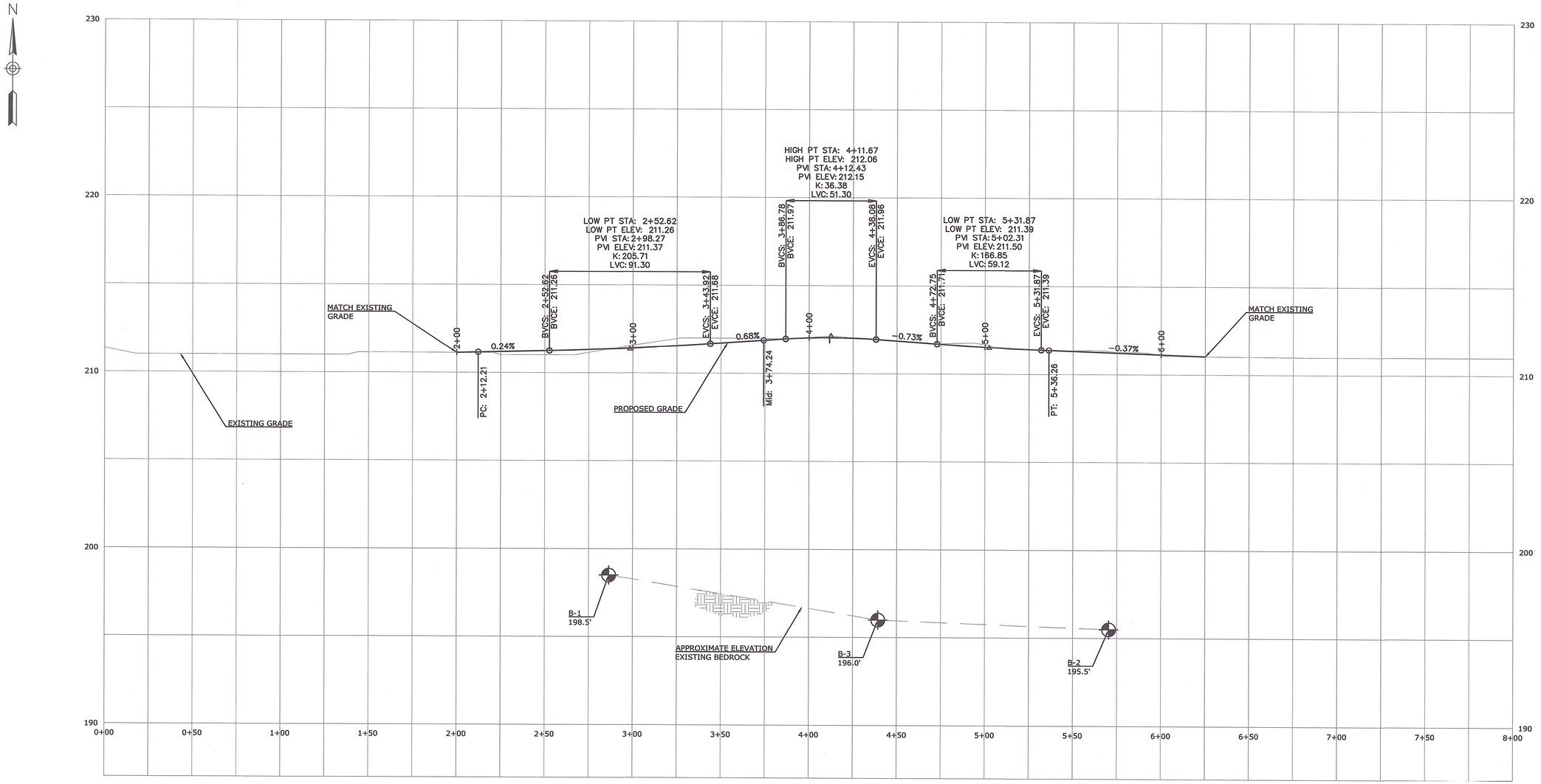
PREPARED FOR

CITY OF BRISTOL
150 MAIN STREET
BRISTOL, CT 06010

REPLACEMENT OF RETAINING WALL ALONG BROAD STREET AT PEQUABUCK RIVER ROADWAY PLAN

SIZE	PROJECT	FILE NAME	NUMBER	REV.
D	BRISTOL - BROAD ST	FD	23067.10	

SHEET 5 OF 14



GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)

1 inch = 30 ft.

PROPOSED ROADWAY PROFILE

SCALE: 1" = 30'

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE TOWN AND IS IN NO WAY WARRANTED TO INDICATE THE TRUE CONDITIONS OR ACTUAL QUANTITIES OR DISTRIBUTION OF QUANTITIES OF WORK WHICH WILL BE REQUIRED.

NO.	DATE	DESCRIPTION

REVISIONS

SUPV.	J.A.C.
DESIGN	K.K.
DRAWN	D.T.J.
CHECKED	K.O.E.
DATE	09/19/25

FD SUBMITTAL

WMC CONSULTING ENGINEERS

• WENGELL, McDONNELL & COSTELLO •
87 HOLMES ROAD
NEWINGTON, CT 06111
(860) 667-9624

PREPARED FOR

CITY OF BRISTOL

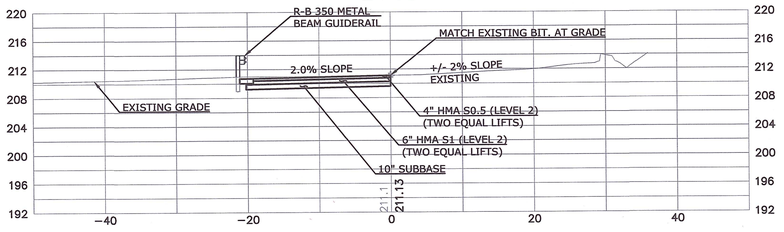
150 MAIN STREET

BRISTOL, CT 06010

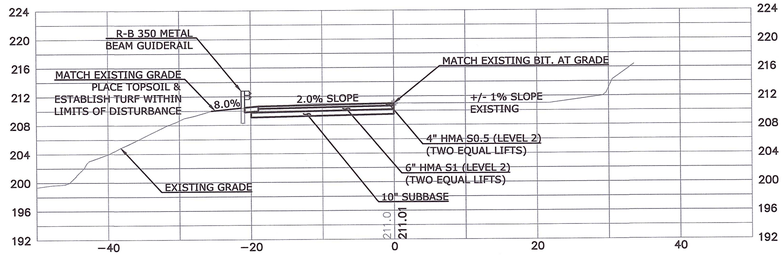
REPLACEMENT OF RETAINING WALL ALONG BROAD STREET AT PEQUABUCK RIVER ROADWAY PROFILE

SIZE	PROJECT	FILE NAME	NUMBER	REV.	SHEET	OF
D	BRISTOL - BROAD ST	FD	23067.10		6	14

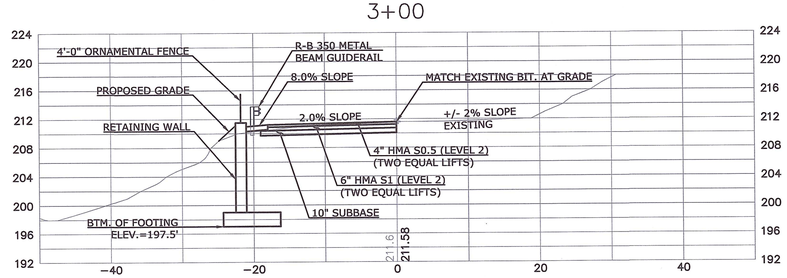
2+00



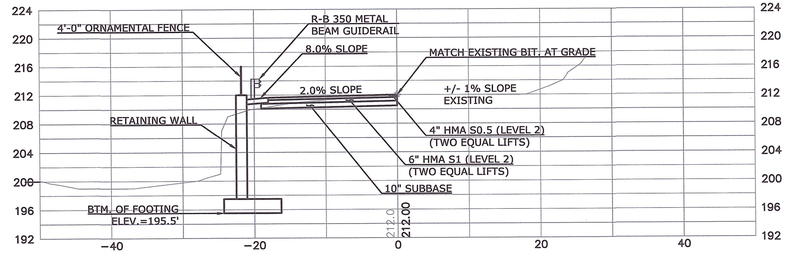
2+50



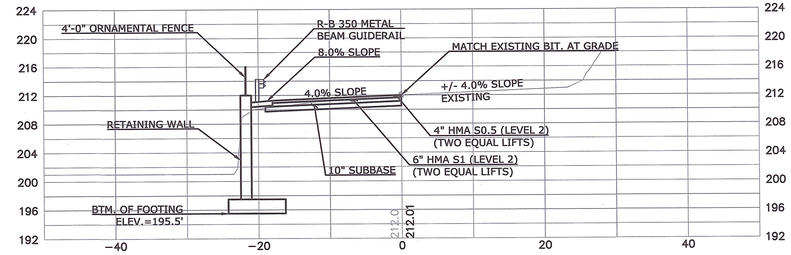
3+00



3+50

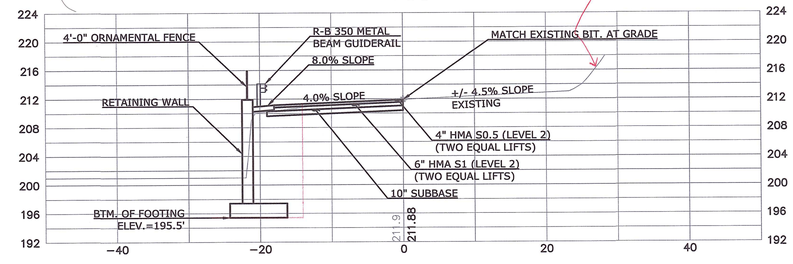


4+00



4+50

DASH EXISTING GRADE LINE (TYP.)



* PLEASE SHOW EXIST. UTILITIES IN SECTIONS

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)

1 inch = 20 ft. 10'

ROADWAY SECTIONS

SCALE: 1" = 10'

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE TOWN AND IS IN NO WAY WARRANTED TO INDICATE THE TRUE CONDITIONS OR ACTUAL QUANTITIES OR DISTRIBUTION OF QUANTITIES OF WORK WHICH WILL BE REQUIRED.

NO.	DATE	DESCRIPTION

REVISIONS

SUPV.	J.A.C.
DESIGN	K.K.
DRAWN	D.T.J.
CHECKED	K.O.E.
DATE	09/19/25

FD SUBMITTAL

WMC CONSULTING ENGINEERS

• WENGELL, McDONNELL & COSTELLO •
87 HOLMES ROAD
NEWINGTON, CT 06111
(860) 667-9624

PREPARED FOR

CITY OF BRISTOL

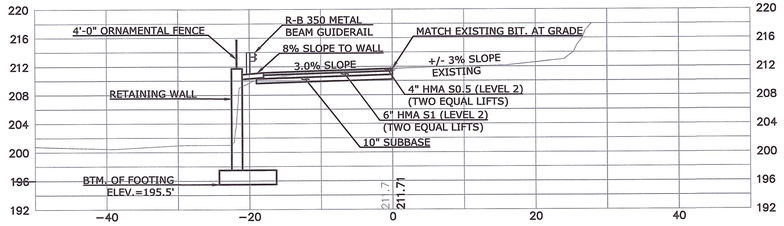
150 MAIN STREET

BRISTOL, CT 06010

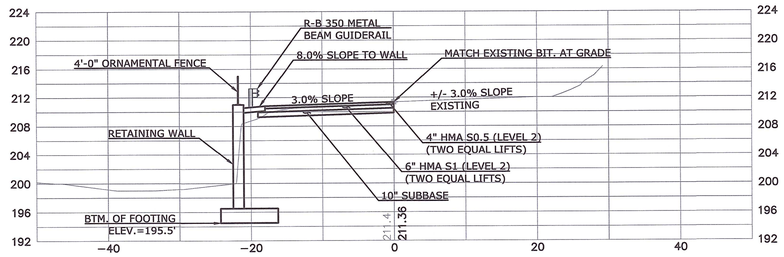
REPLACEMENT OF RETAINING WALL ALONG BROAD STREET AT PEQUABUCK RIVER ROADWAY SECTIONS - 1 OF 2

SIZE	PROJECT	FILE NAME	NUMBER	REV.	SHEET
D	–BRISTOL - BROAD ST–	FD	– 23067.10 –		7 OF 14

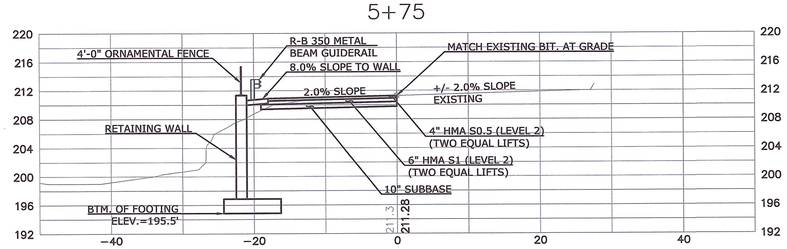
5+00



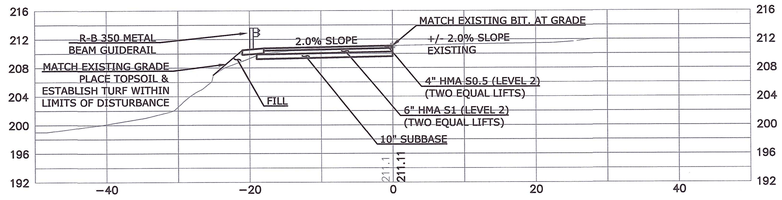
5+50



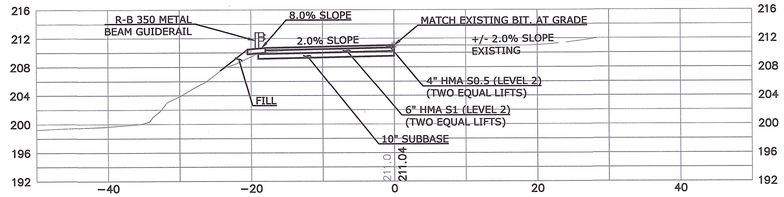
5+75



6+00



6+25



GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

ROADWAY SECTIONS
SCALE: 1" = 10'

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE TOWN AND IS IN NO WAY WARRANTED TO INDICATE THE TRUE CONDITIONS OR ACTUAL QUANTITIES OR DISTRIBUTION OF QUANTITIES OF WORK WHICH WILL BE REQUIRED.

NO.	DATE	DESCRIPTION

REVISIONS

SUPV.	J.A.C.
DESIGN	K.K.
DRAWN	D.T.J.
CHECKED	K.O.E.
DATE	09/19/25

FD
SUBMITTAL

WMC CONSULTING ENGINEERS
• WENGELL, McDONNELL & COSTELLO •
87 HOLMES ROAD
NEWINGTON, CT 06111
(860) 667-9624

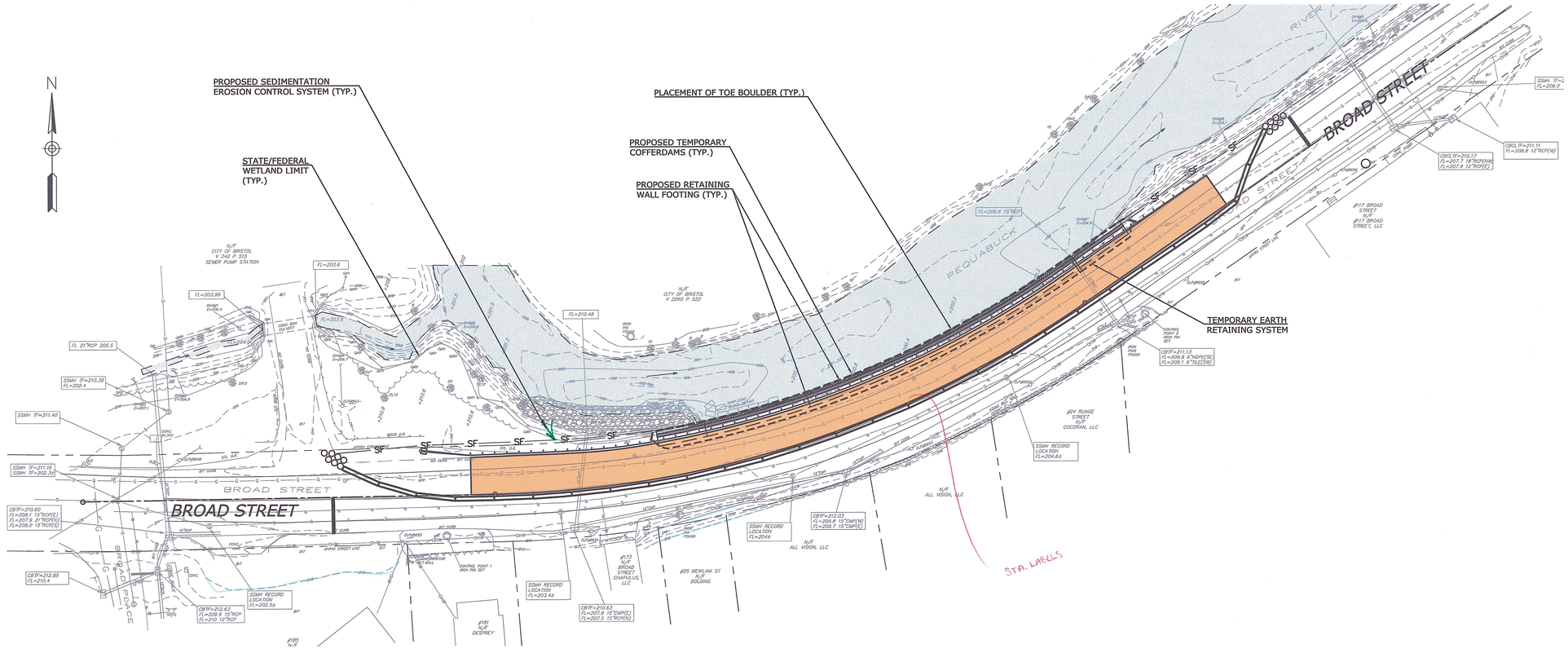
PREPARED FOR
CITY OF BRISTOL
150 MAIN STREET
BRISTOL, CT 06010

REPLACEMENT OF RETAINING WALL ALONG BROAD STREET AT PEQUABUCK RIVER
ROADWAY SECTIONS - 2 OF 2

SIZE	PROJECT	FILE NAME	NUMBER	REV.	SHEET	OF
D	BRISTOL - BROAD ST	FD	23067.10		8	14

WATER HANDLING NOTES:

1. THE CONTRACTOR SHALL MAINTAIN WATER THROUGH THE TEMPORARY COFFERDAMS AS SHOWN DURING CONSTRUCTION.
2. EQUIPMENT SHALL NOT BE PERMITTED IN THE STREAM WHEN TEMPORARY COFFERDAMS ARE NOT IN PLACE WITHOUT THE APPROVAL OF THE ENGINEER.
3. PRIOR TO ANY DEWATERING, THE CONTRACTOR MUST SUBMIT TO THE ENGINEER A WRITTEN PROPOSAL FOR SPECIFIC METHODS AND DEVICES TO BE USED AND MUST OBTAIN THE ENGINEER'S WRITTEN APPROVAL OF SUCH METHODS AND DEVICES.
4. A DEWATERING BASIN SHALL BE ESTABLISHED OUTSIDE OF THE WETLAND LIMITS. THE LOCATIONS OF THE DEWATERING BASIN IS APPROXIMATE. THE EXACT POSITION MAY VARY BASED ON THE PUMPING DESIGN SUBMISSION AND MUST BE APPROVED BY THE ENGINEER. DEWATERING BASINS SHALL BE PAID FOR UNDER ITEM "COFFERDAM AND DEWATERING".
5. TEMPORARY COFFERRDAMS AND WATER-HANDLING-COFFERDAMS SHALL CONSIST OF ANY APPROVED SYSTEM THAT THE CONTRACTOR ELECTS TO USE WHICH WILL SAFELY CONVEY WATER FLOWS THROUGH THE CONSTRUCTION AREA, SHALL BE ABLE TO SUPPORT CONSTRUCTION ACTIVITY AND EXCAVATION, AND SHALL CONFORM TO PERMITS.



HANDLING WATER PLAN

SCALE: 1" = 30'

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)

1 inch = 30 ft.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE TOWN AND IS IN NO WAY WARRANTED TO INDICATE THE TRUE CONDITIONS OR ACTUAL QUANTITIES OR DISTRIBUTION OF QUANTITIES OF WORK WHICH WILL BE REQUIRED.

NO.	DATE	DESCRIPTION

REVISIONS

SUPV.	J.A.C.
DESIGN	K.K.
DRAWN	D.T.J.
CHECKED	K.O.E.
DATE	09/19/25

FD SUBMITTAL

WMC CONSULTING ENGINEERS

• WENGELL, McDONNELL & COSTELLO •
87 HOLMES ROAD
NEWINGTON, CT 06111
(860) 667-9624

PREPARED FOR

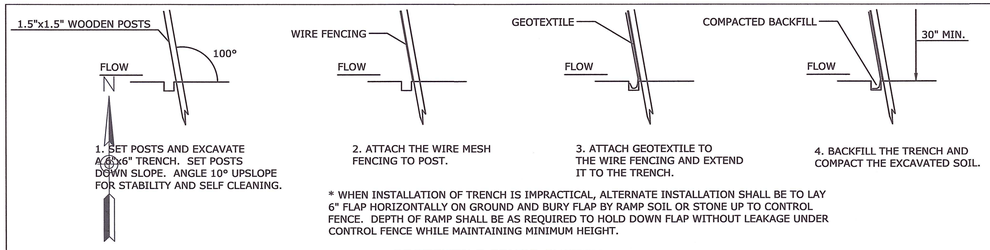
CITY OF BRISTOL

150 MAIN STREET

BRISTOL, CT 06010

REPLACEMENT OF RETAINING WALL ALONG BROAD STREET AT PEQUABUCK RIVER HANDLING WATER PLAN

SIZE	PROJECT	FILE NAME	NUMBER	REV.	SHEET	OF
D	BRISTOL - BROAD ST	FD	23067.10		9	14



1. SET POSTS AND EXCAVATE A 6"x6" TRENCH. SET POSTS DOWN SLOPE. ANGLE 10° UPSLOPE FOR STABILITY AND SELF CLEANING.

2. ATTACH THE WIRE MESH FENCING TO POST.

3. ATTACH GEOTEXTILE TO THE WIRE FENCING AND EXTEND IT TO THE TRENCH.

4. BACKFILL THE TRENCH AND COMPACT THE EXCAVATED SOIL.

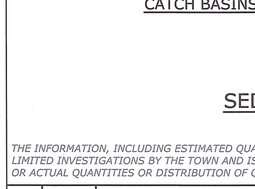
* WHEN INSTALLATION OF TRENCH IS IMPRACTICAL, ALTERNATE INSTALLATION SHALL BE TO LAY 6" FLAP HORIZONTALLY ON GROUND AND BURY FLAP BY RAMP SOIL OR STONE UP TO CONTROL FENCE. DEPTH OF RAMP SHALL BE AS REQUIRED TO HOLD DOWN FLAP WITHOUT LEAKAGE UNDER CONTROL FENCE WHILE MAINTAINING MINIMUM HEIGHT.

GEOTEXTILE FENCE SYSTEM

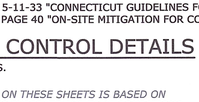
REFER TO PAGE 5-11-35 "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL" AND PAGE 55 "ON-SITE MITIGATION FOR CONSTRUCTION ACTIVITIES".

SEDIMENTATION CONTROL SYSTEM INSTALLATION

N.T.S.



ANCHORING DETAIL



BEDDING DETAIL

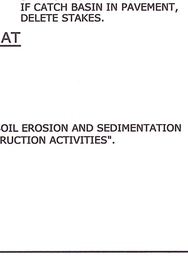
HAY BALE CONSTRUCTION SPECIFICATIONS:

1. HAY BALES SHALL BE PLACED AROUND NEWLY INSTALLED CATCH BASINS IN SAGS AND DROP INLETS TO PREVENT SEDIMENTATION AND OTHER DEBRIS FROM ACCUMULATING ON THE GRATE OR IN THE SUMP. HAY BALES SHOULD BE KEPT CLEAN AND FREE OF DEBRIS TO FACILITATE FLOW.
2. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF 4", AND PLACED SO THE BINDINGS ARE HORIZONTAL.
3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY EITHER TWO STAKES OR REBARS DRIVEN THROUGH THE BALE. THE FIRST STAKE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE AT AN ANGLE TO FORCE THE BALES TOGETHER. STAKES SHALL BE DRIVEN FLUSH WITH THE BALE.
4. INSPECTION SHALL BE FREQUENT AND REPAIR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
5. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

REFER TO PAGE 5-11-30 "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL" AND PAGE 53 "ON-SITE MITIGATION FOR CONSTRUCTION ACTIVITIES".

HAY BALE DETAIL

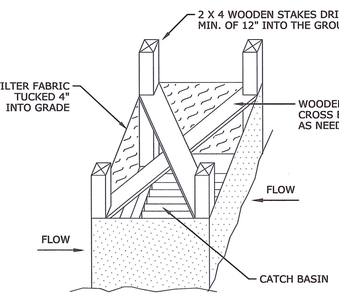
N.T.S.



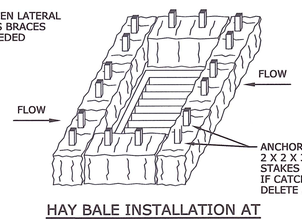
SILTSACKS SHALL BE EMPTIED WHEN THEY HAVE COLLECTED 1 TO 1.5 FEET OF SEDIMENT. INSPECT EVERY WEEK OR AFTER EVERY RAINFALL EVENT.

SILTATION SAC IN CATCH BASIN

N.T.S.



SILT FENCE INSTALLATION AT CATCH BASINS



HAY BALE INSTALLATION AT CATCH BASINS

NOTE:

1. FILTER FABRIC SHALL BE MIRAFI "SILT FENCE", EXXON GTF 180, AMOCO 1380 OR APPROVED EQUAL.

REFER TO PAGE 5-11-33 "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL" AND PAGE 40 "ON-SITE MITIGATION FOR CONSTRUCTION ACTIVITIES".

SEDIMENTATION CONTROL DETAILS

N.T.S.

REINFORCEMENT MAT

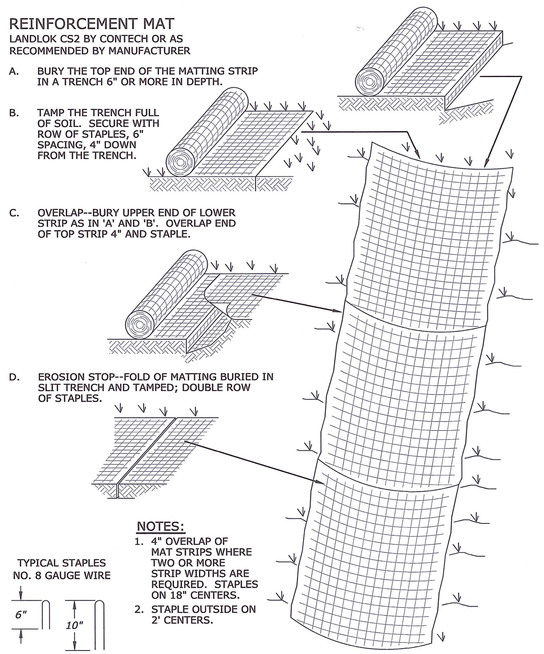
LANDLOK CS2 BY CONTECH OR AS RECOMMENDED BY MANUFACTURER

A. BURY THE TOP END OF THE MATTING STRIP IN A TRENCH 6" OR MORE IN DEPTH.

B. TAMP THE TRENCH FULL OF SOIL. SECURE WITH ROW OF STAPLES, 6" SPACING, 4" DOWN FROM THE TRENCH.

C. OVERLAP--BURY UPPER END OF LOWER STRIP AS IN 'A' AND 'B'. OVERLAP END OF TOP STRIP 4" AND STAPLE.

D. EROSION STOP--FOLD OF MATTING BURIED IN SLIT TRENCH AND TAMPED; DOUBLE ROW OF STAPLES.



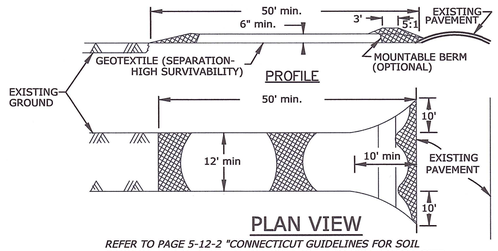
TYPICAL STAPLES NO. 8 GAUGE WIRE

NOTES:

1. 4" OVERLAP OF MAT STRIPS WHERE TWO OR MORE STRIP WIDTHS ARE REQUIRED. STAPLES ON 18" CENTERS.
2. STAPLE OUTSIDE ON 2' CENTERS.

STEEP SLOPE TREATMENT DETAIL

N.T.S.



PLAN VIEW

REFER TO PAGE 5-12-2 "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL" AND PAGE 50 "ON-SITE MITIGATION FOR CONSTRUCTION ACTIVITIES".

CONSTRUCTION SPECIFICATION:

1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - AS REQUIRED, BUT NOT LESS THAN 50 FT (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30' MINIMUM LENGTH WOULD APPLY).
3. THICKNESS - NOT LESS THAN 6".
4. WIDTH - 12' MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
5. GEOTEXTILE - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. GEOTEXTILE WILL NOT BE REQUIRED ON A SINGLE FAMILY RESIDENCE LOT.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAYS MUST BE REMOVED IMMEDIATELY.
8. WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SETTLING AREA SIZED TO HOLD THE VOLUME OF WATER USED DURING ANY 2-HOUR PERIOD.
9. PERIODIC INSPECTION AND NECESSARY MAINTENANCE SHALL BE PROVIDED AFTER EACH RAINFALL.

STABILIZED CONSTRUCTION ENTRANCE

N.T.S.

GENERAL

THIS PLAN PROPOSES EROSION CONTROL MEASURES TO HELP CONTROL ACCELERATED EROSION AND SEDIMENTATION AND REDUCE THE DANGER FROM STORM WATER RUNOFF AT THE SITE. THE RUNOFF SHALL BE CONTROLLED BY THE INTERCEPTION, DIVERSION, AND SAFE DISPOSAL OF PRECIPITATION. RUNOFF SHALL ALSO BE CONTROLLED BY STAGING CONSTRUCTION ACTIVITY AND PRESERVING NATURAL VEGETATION WHENEVER POSSIBLE. EXISTING VEGETATION SHALL BE PROTECTED AND ONLY THAT CLEARING AND GRUBBING ABSOLUTELY NECESSARY FOR THE PROPOSED CONSTRUCTION SHALL BE PERFORMED. ALL DISTURBED AREAS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AND CONTOUR, UNLESS OTHERWISE INDICATED ON THE PLANS. THE CONTRACTOR SHALL TAKE SPECIAL CARE WITH HIS CONSTRUCTION METHODS AND SHALL COMPLY WITH THE FOLLOWING GUIDELINES. REFERENCE IS MADE TO THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL" (2002), AS AMENDED. THE GUIDELINES ARE OBTAINABLE FROM THE CONNECTICUT DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, 79 ELM STREET, HARTFORD, CONNECTICUT 06106, AND SHOULD BE USED AS A REFERENCE IN CONSTRUCTING THE EROSION AND SEDIMENTATION CONTROLS INDICATED ON THESE PLANS.

EROSION CONTROL

ALL AREAS SHALL BE PROTECTED FROM EROSION DURING AND AFTER CONSTRUCTION, PARTICULARLY THE STORAGE OF EXCAVATED OR STOCKPILED MATERIAL. THE CONTRACTOR SHALL CAREFULLY STRIP ALL TOPSOIL, LOAM, OR ORGANIC MATTER PRIOR TO TRENCHING OR OTHER OPERATIONS AND SHALL STORE THEM SEPARATELY FROM ALL OTHER MATERIALS DURING EXCAVATION. EACH STOCKPILE MUST BE ADEQUATELY RINGED WITH SEDIMENTATION CONTROL SYSTEM (I.E. HAY BALES AND/OR GEOTEXTILE FENCE). DEBRIS AND OTHER WASTE RESULTING FROM EQUIPMENT MAINTENANCE AND CONSTRUCTION WILL NOT BE DISCARDED ON SITE. STABILIZING OF SLOPES SHALL BE DONE IMMEDIATELY AFTER CONSTRUCTION OF SLOPES. SLOPES STEEPER THAN 3:1 SHALL BE PROTECTED WITH EROSION CONTROL MATTING. THIS MATTING IS MANUFACTURED COMBINATIONS OF MULCH AND NETTING AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. ALL OTHER AREAS SHALL BE MULCHED WITH HAY OR STRAW AT A RATE OF 2 TO 3 TONS PER ACRE. STRAW OR HAY MULCH MUST BE ANCHORED IMMEDIATELY AFTER SPREADING TO PREVENT WINDBLOWING. THE METHODS RECOMMENDED BY THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL" SHALL BE USED FOR THE ANCHORING OF MULCH OR NETTING.

EROSION AND SEDIMENTATION CONTROL PLAN

AN EROSION AND SEDIMENTATION CONTROL PLAN MUST BE SUBMITTED IN WRITING TO THE ENGINEER AND APPROVED BY THE ENGINEER PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES.
SEDIMENTATION CONTROL SYSTEM - THE SEDIMENTATION CONTROL SYSTEM SHALL CONSIST OF A GEOTEXTILE BARRIER FENCE. THE SEDIMENTATION CONTROL SYSTEM SHALL BE INSTALLED IMMEDIATELY AFTER A CUT SLOPE HAS BEEN GRADED, BEFORE A FILL SLOPE HAS BEEN CREATED AND AS INDICATED ON THE PLANS. THE SYSTEM IS DESIGNED TO INTERCEPT SILT AND SEDIMENT BEFORE IT REACHES THE WETLANDS OR WATERCOURSES. DEPOSITS OF SEDIMENT AND SILT ARE TO BE PERIODICALLY REMOVED FROM THE UPSTREAM SIDE OF THE FENCE. THIS MATERIAL IS TO BE SPREAD AND STABILIZED IN AREAS NOT SUBJECT TO EROSION, OR IN AREAS WHICH ARE NOT TO BE PAVED OR BUILT ON. THE SEDIMENTATION CONTROL SYSTEM IS TO BE REPLACED AS NECESSARY TO PROVIDE PROPER FILTERING ACTION. THE SYSTEM IS TO REMAIN IN PLACE AND BE MAINTAINED TO INSURE EFFICIENT SILTATION CONTROL UNTIL ALL AREAS ABOVE THE FENCE ARE STABILIZED AND VEGETATION HAS BEEN ESTABLISHED.

STACKED HAY BALES - HAY OR STRAW BALES USED FOR EROSION CONTROL SHALL BE STACKED AT CATCH BASINS WHERE SEDIMENT MAY ENTER THE CATCH BASIN OR AS DIRECTED BY THE ENGINEER. DEPOSITS OF SEDIMENT AND SILT ARE TO BE PERIODICALLY REMOVED FROM THE UPSTREAM SIDE OF THE EROSION CHECKS. THIS MATERIAL IS TO BE SPREAD AND STABILIZED IN AREAS NOT SUBJECT TO EROSION, OR IN AREAS WHICH ARE NOT TO BE PAVED OR BUILT ON. HAY OR STRAW BALES ARE TO BE REPLACED AS NECESSARY TO PROVIDE PROPER FILTERING ACTION. THE SYSTEM IS TO REMAIN IN PLACE AND BE MAINTAINED TO INSURE EFFICIENT SILTATION CONTROL UNTIL ALL AREAS ABOVE THE EROSION CHECKS ARE STABILIZED AND VEGETATION HAS BEEN ESTABLISHED.

IN ALL AREAS, REMOVAL OF TREES, BUSHES, AND OTHER VEGETATION, AND DISTURBANCE OF THE SOIL, IS TO BE KEPT TO AN ABSOLUTE MINIMUM WHILE ALLOWING PROPER DEVELOPMENT OF THE SITE.

DURING CONSTRUCTION, AS SMALL AN AREA OF SOIL AS POSSIBLE SHOULD BE EXPOSED FOR AS SHORT A TIME AS POSSIBLE. AFTER CONSTRUCTION, GRADE, RE-SPREAD TOPSOIL, AND STABILIZE SOIL BY SEEDING AND MULCHING AS TO PREVENT EROSION.

EROSION AND SEDIMENTATION CONTROL MAINTENANCE PROCEDURES

ALL EROSION AND SEDIMENTATION CONTROL DEVICES SHALL BE INSPECTED DURING CONSTRUCTION ON A DAILY BASIS AND FOLLOWING ALL STORMS BY THE RESIDENT ENGINEER. THE CONTRACTOR SHALL MAINTAIN AND MAKE REPAIRS AND REMOVE SEDIMENT AS REQUESTED BY THE ENGINEER. THIS WORK SHALL BE PERFORMED WITHIN 24 HOURS OF THE REQUEST AND THERE SHALL BE NO SEPARATE PAYMENT FOR THIS WORK.

THE CONTRACTOR SHALL CLEAN SEDIMENT AND DEBRIS FROM ALL DRAINAGE STRUCTURES, AND PIPES AT THE COMPLETION OF CONSTRUCTION, AND AS REQUESTED BY THE ENGINEER TO KEEP THE SYSTEM FUNCTIONING PROPERLY DURING CONSTRUCTION.

FOLLOWING COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL REPAIR ALL ERODED AREAS AND ENSURE A GOOD STAND OF TURF IS ESTABLISHED THROUGHOUT. THE CONTRACTOR SHALL REPAIR ALL ERODED OR DISPLACED RIPRAP, AND CLEAN SEDIMENT COVERED STONES.

ALL APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES SHOULD BE ESTABLISHED PRIOR TO AND BE MAINTAINED THROUGH ALL CONSTRUCTION PHASES.

WETLAND IMPACTS & DISTURBANCE

EQUIPMENT OPERATING IN WETLANDS: OPERATION OF EQUIPMENT IN WETLAND AREAS IS GENERALLY NOT ALLOWED AND MUST BE APPROVED IN ADVANCE. ANY EQUIPMENT OPERATING IN WETLAND AREAS SHALL BE LOW GROUND PRESSURE (LESS THAN 3 PSI) OR SHALL BE SET ON TEMPORARY FILL OR MATTING. TEMPORARY FILL, TIMBER MATTING OR OTHER MATTING MUST BE APPROVED IN ADVANCE AND WILL NOT BE PAID SEPARATELY, BUT SHALL BE INCLUDED IN THE GENERAL COST OF OTHER RELATED WORK ITEMS.

TEMPORARY FILL: PLACEMENT OF TEMPORARY FILL (SOIL, RIP RAP, ETC.) IN WETLAND AREAS THAT IS NOT SPECIFICALLY SHOWN ON THE CONTRACT DRAWINGS IS GENERALLY NOT ALLOWED AND MUST BE APPROVED IN ADVANCE. ANY TEMPORARY FILL APPROVED FOR PLACEMENT, SHALL BE PLACED ON GEOTEXTILE LAID ON THE PRE-CONSTRUCTION WETLAND GRADE. UNCONFINED TEMPORARY FILL THAT IS PLACED IN FLOWING WATER SHALL BE ONLY CLEAN WASHED STONE.

WETLAND DISTURBANCE: ONLY THOSE WETLAND AREAS SPECIFICALLY SHOWN ON THE CONTRACT DRAWINGS OR INCLUDED IN APPROVED PERMITS TO BE DISTURBED, OR ADDITIONAL AREAS SPECIFICALLY APPROVED AS ABSOLUTELY NECESSARY TO COMPLETE THE PROPOSED WORK, SHALL BE DISTURBED.

WETLAND & WETLAND FRINGE AREA RESTORATION: ALL DISTURBED WETLAND AND WETLAND FRINGE AREAS SHALL BE RESTORED WITH A WETLAND SEED MIX OR WETLAND TRANSITIONAL SEED MIX CONTAINING ONLY SPECIES NATIVE TO CONNECTICUT. ALL SEED MIX FOR WETLAND OR WETLAND FRINGE (TRANSITIONAL) AREAS MUST BE SUBMITTED AND APPROVED IN ADVANCE. THIS WORK SHALL NOT BE PAID SEPARATELY, BUT SHALL BE INCLUDED IN THE GENERAL COST OF OTHER RELATED WORK ITEMS.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE TOWN AND IS IN NO WAY WARRANTED TO INDICATE THE TRUE CONDITIONS OR ACTUAL QUANTITIES OR DISTRIBUTION OF QUANTITIES OF WORK WHICH WILL BE REQUIRED.

NO.	DATE	DESCRIPTION

REVISIONS

SUPV.	J.A.C.
DESIGN	K.K.
DRAWN	D.T.J.
CHECKED	K.O.E.
DATE	09/19/25

FD SUBMITTAL

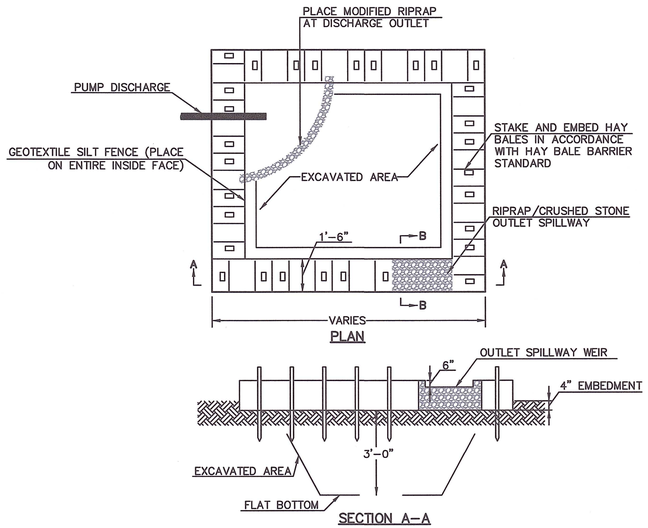
WMC CONSULTING ENGINEERS
• WENGELL, McDONNELL & COSTELLO •
87 HOLMES ROAD
NEWINGTON, CT 06111
(860) 667-9624

PREPARED FOR

CITY OF BRISTOL
150 MAIN STREET
BRISTOL, CT 06010

REPLACEMENT OF RETAINING WALL ALONG BROAD STREET AT PEQUABUCK RIVER EROSION CONTROL DETAILS

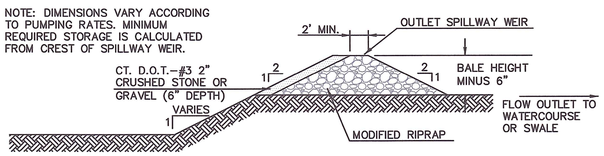
SIZE	PROJECT	FILE NAME	NUMBER	REV.	SHEET	OF
D	BRISTOL - BROAD ST	FD	23067.10		10	14



PLAN

SECTION A–A

NOTE: DIMENSIONS VARY ACCORDING TO PUMPING RATES. MINIMUM REQUIRED STORAGE IS CALCULATED FROM CREST OF SPILLWAY WEIR.



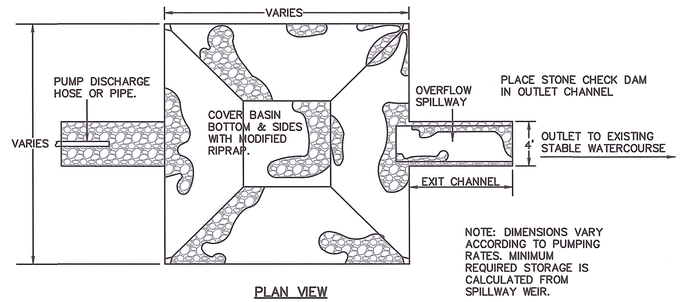
SECTION B–B

REFER TO PAGE 5–13–7 "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL".

TYPE II PUMPING SETTLING BASIN

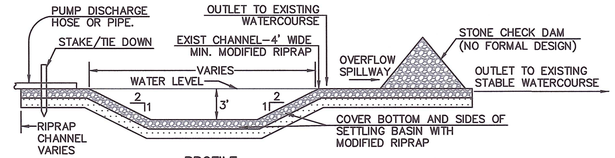
N.T.S.

PUMPING SETTLING BASIN NOTES:
1. LOCATION AS DIRECTED BY ENGINEER. REMOVE WHEN PUMPING IS COMPLETED.
2. PUMP DISCHARGE PAD HALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST THE GENERAL WORK.
3. STORAGE VOLUME BASED UPON PUMP DISCHARGE, LARGER PAD DIMENSIONS MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.
(MINIMUM REQUIRED STORAGE, CUBIC FEET) = 16 x (PUMP DISCHARGE RATE, GPM)
4. TYPE II PUMPING SETTLING BASIN TO BE USED WHEN THE EXPECTED DURATION OF USE IS LESS THAN 3 MONTHS. TYPE III PUMPING SETTLING BASIN TO BE USED WHEN THE EXPECTED DURATION OF USE IS LONGER THAN 3 MONTHS.
5. SETTLING BASIN AND EXIT CHANNEL TO BE BACKFILLED AT COMPLETION OF WORK. AREA SHALL BE GRADED AND STABILIZED ACCORDING TO PLANS OR AS DIRECTED BY THE ENGINEER.



NOTE: DIMENSIONS VARY ACCORDING TO PUMPING RATES. MINIMUM REQUIRED STORAGE IS CALCULATED FROM SPILLWAY WEIR.

PLAN VIEW

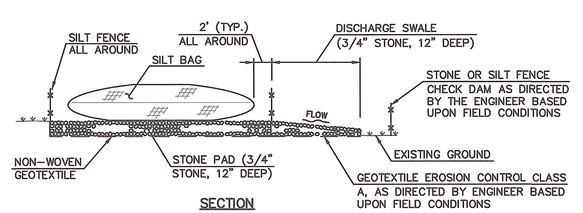


PROFILE

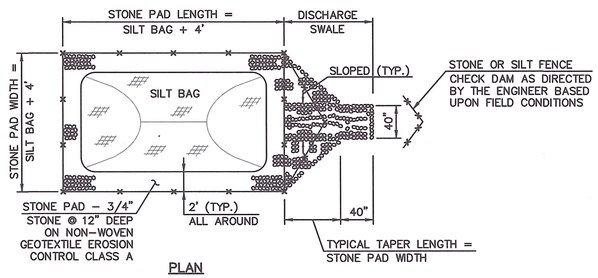
REFER TO PAGE 5–13–7 "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL".

TYPE III PUMPING SETTLING BASIN

N.T.S.



SECTION



PLAN

SILT BAG INSTALLATION

N.T.S.

GENERAL

EFFLUENT FROM DEWATERED WORK AREA(S) SHOULD NOT BE DISCHARGED DIRECTLY TO THE STREAM BUT BE PROCESSED THROUGH TREATMENT STRUCTURE(S). SUCH STRUCTURES SHOULD NOT BE LOCATED WITHIN THE STREAM CHANNEL OR ADJACENT WETLANDS.

THE PROJECT SHOULD NOT BE CONDUCTED IN A MANNER WHICH IMPEDES STREAM FLOW.

UNCONFINED IN–STREAM ACTIVITIES SHOULD BE LIMITED TO THE TIME PERIOD JUNE 1 THROUGH SEPTEMBER 30.

EQUIPMENT OPERATING IN WETLANDS – OPERATION OF EQUIPMENT IN WETLAND AREAS IS NOT ALLOWED AND MUST BE APPROVED IN ADVANCE. ANY EQUIPMENT OPERATING IN WETLAND AREAS SHALL BE LOW GROUND PRESSURE (LESS THAN 3 PSI) OR SHALL BE SET ON TEMPORARY FILL OR MATTING. TEMPORARY FILL, TIMBER MATTING OR OTHER MATTING MUST BE APPROVED IN ADVANCE AND WILL NOT BE PAID SEPARATELY, BUT SHALL BE INCLUDED IN THE GENERAL COST OF OTHER RELATED WORK ITEMS.

TEMPORARY FILL – PLACEMENT OF TEMPORARY FILL IN WETLAND AREAS THAT IS NOT SPECIFICALLY SHOWN ON THE CONTRACT DRAWINGS IS NOT ALLOWED AND MUST BE APPROVED IN ADVANCE. ANY TEMPORARY FILL APPROVED FOR PLACEMENT, SHALL BE PLACED ON GEOTEXTILE LAID ON THE PRE–CONSTRUCTION WETLAND GRADE. UNCONFINED TEMPORARY FILL THAT IS PLACED IN THE FLOWING WATER SHALL BE ONLY CLEAN WASHED STONE.

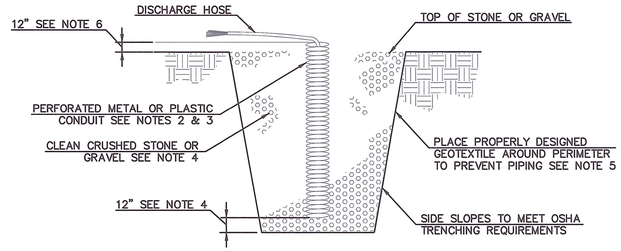
WETLAND DISTURBANCE – ONLY THOSE WETLANDS SPECIFICALLY SHOWN ON THE CONTRACT DRAWINGS OR INCLUDED IN APPROVED PERMITS TO BE DISTURBED, OR ADDITIONAL AREAS SPECIFICALLY APPROVED AS ABSOLUTELY NECESSARY TO COMPLETE THE PROPOSED WORK, SHALL BE DISTURBED.

COFFERDAM NOTES

1. A CONSTRUCTION SEQUENCING PLAN AND A WATER HANDLING PLAN INCLUDING A CONTINGENCY PLAN FOR FLOOD EVENTS MUST BE SUBMITTED IN WRITING TO THE ENGINEER AND APPROVED BY THE ENGINEER PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION IN A WATERWAY.

2. TEMPORARY COFFERDAM SHALL BE DESIGNED AND INSTALLED BY THE CONTRACTOR TO PROVIDE A MAXIMUM HEIGHT ABOVE THE STREAM BED AS NECESSARY TO RETAIN A 3 YEAR STORM EVENT. THE MAXIMUM TOP OF TEMPORARY COFFERDAM ELEVATION SHALL BE AS DESIGNATED ON THE HANDLING WATER PLANS.

3. TEMPORARY COFFERDAM AND PUMPING NOT PAID SEPARATELY. COST TO BE INCLUDED IN THE PAY ITEM "COFFERDAM AND DEWATERING".



REFER TO PAGE 5–13–3 "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL".

NOTE:
1. OVERALL SUMP PIT DIMENSIONS SHALL BE COMPATIBLE WITH ANTICIPATED SEEPAGE RATES AND PUMP SIZE TO BE USED.
2. THE STANDPIPE DIAMETER AND NUMBER OF PERFORATIONS SHALL BE COMPATIBLE WITH THE PUMP SIZE BEING USED.
3. PERFORATIONS IN THE STANDPIPE SHALL BE EITHER CIRCULAR OR SLOTS. PERFORATION SIZE SHALL NOT EXCEED 1/2" IN DIAMETER.
4. CRUSHED STONE OR GRAVEL SHALL BE NO SMALLER THAN CT DOT #67 SIZE NOR LARGER THAN CT DOT #3 SIZE. CRUSHED STONE SHALL EXTEND A MINIMUM OF 12" BELOW THE BOTTOM OF THE STANDPIPE.
5. IF EXCESSIVE MOVEMENT OF FINE SOIL PARTICLES FROM THE SURROUNDING EXISTING SOILS IS ANTICIPATED, A PROPERLY DESIGNED GEOTEXTILE SHALL BE PLACED BETWEEN THE EXISTING SOILS AND THE CRUSHED STONE OR GRAVEL BACKFILL.
6. THE STANDPIPE SHALL EXTEND A MINIMUM OF 12" ABOVE THE SURROUNDING GROUND.

PUMP INTAKE
TYPICAL SECTION OF SUMP PIT

N.T.S.

HANDLING WATER DETAILS

SCALE: N.T.S.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE TOWN AND IS IN NO WAY WARRANTED TO INDICATE THE TRUE CONDITIONS OR ACTUAL QUANTITIES OR DISTRIBUTION OF QUANTITIES OF WORK WHICH WILL BE REQUIRED.

NO.	DATE	DESCRIPTION

REVISIONS

SUPV.	J.A.C.
DESIGN	K.K.
DRAWN	D.T.J.
CHECKED	K.O.E.
DATE	09/19/25

FD SUBMITTAL

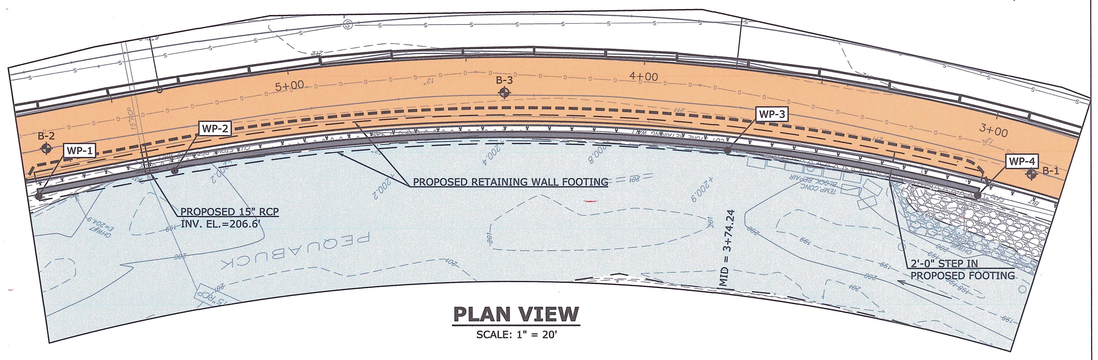
WMC CONSULTING ENGINEERS
• WENGELL, McDONNELL & COSTELLO •
87 HOLMES ROAD
NEWINGTON, CT 06111
(860) 667-9624

PREPARED FOR
CITY OF BRISTOL
150 MAIN STREET
BRISTOL, CT 06010

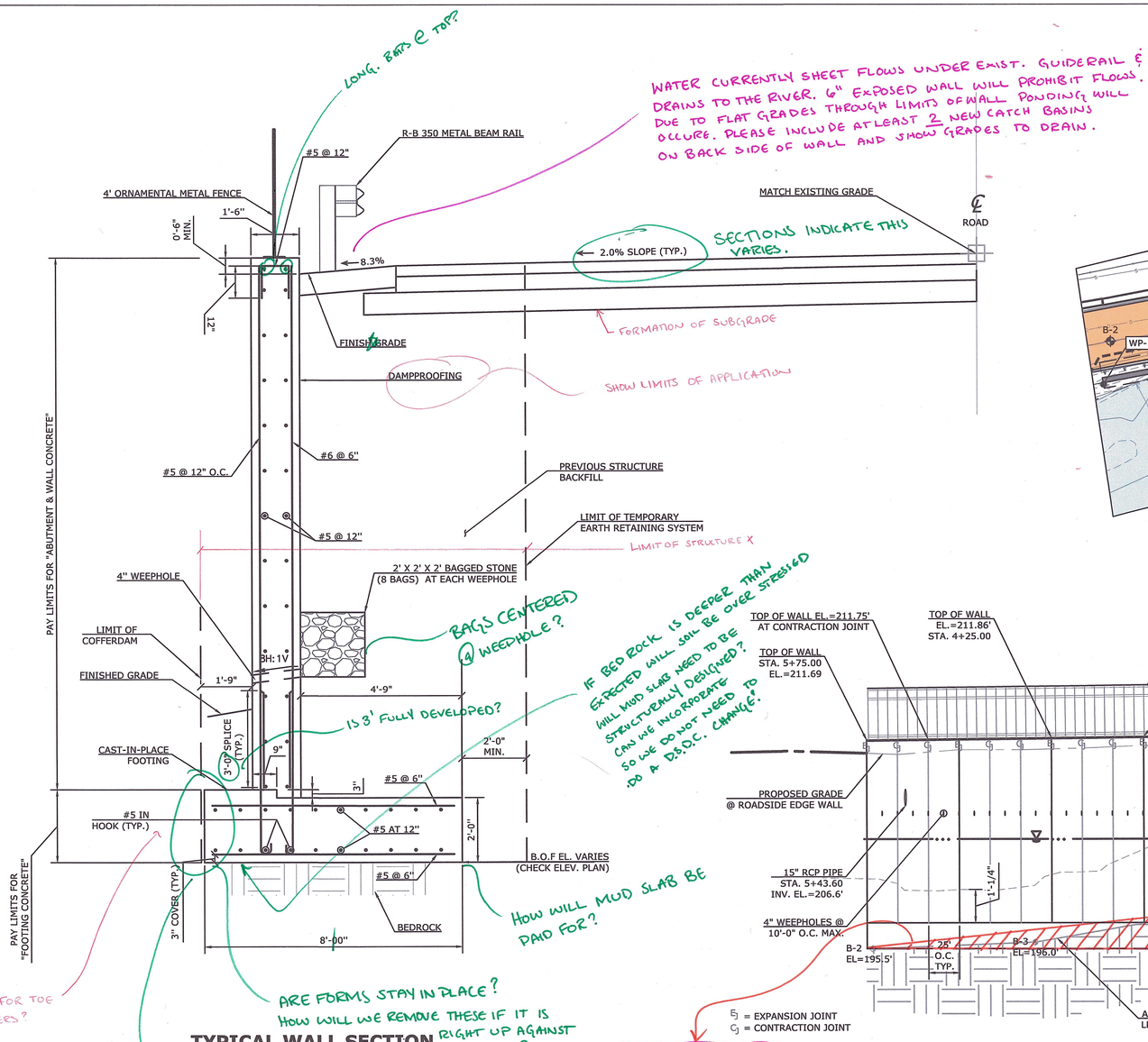
REPLACEMENT OF RETAINING WALL ALONG BROAD STREET AT PEQUABUCK RIVER
HANDLING WATER - DETAILS

SIZE	PROJECT	FILE NAME	NUMBER	REV.	SHEET	OF
D	–BRISTOL - BROAD ST–	FD	– 23067.10 –		11	14

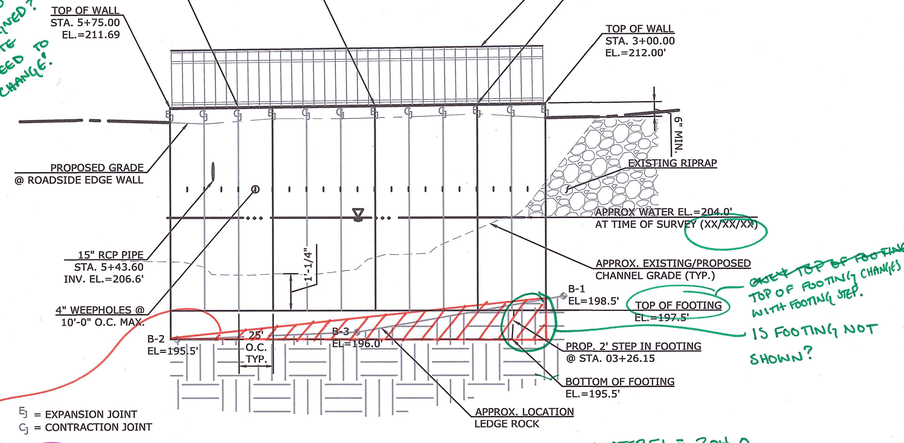
WORKING POINT COORDINATES			
WP	LOCATION	NORTHING	EASTING
1	END OF WALL STEM STA. 05+75.00	805714.19	958310.73
2	WALL STEM PT STA. 05+36.26	805692.44	958278.88
3	WALL STEM MID STA. 03+74.24	805624.01	958140.16
4	BEGINNING OF WALL STEM STA. 03+00.00	805606.87	958071.18



PLAN VIEW
SCALE: 1" = 20'



TYPICAL WALL SECTION
SCALE: 1/2" = 1'-0"



FRONT FACE ELEVATION VIEW
SCALE: 1" = 5'

NOTE:

1. ELEVATION VIEW - FACE OF WALL FACING THE RIVER.
2. VERTICAL ELEVATIONS DRAWN AS-IS.
3. HORIZONTAL DISTANCES SCALED WITH FACTOR 10.4714 FT. (E.G., 50 FT. DRAWN AS 4.7749 FT. AND 25 FT. DRAWN AS 2.3874 FT.)
4. CURVED WALL REPRESENTED AS STRAIGHTENED VIEW FOR CLARITY.

Rock Removal

B1 EL = 198.5
B2 EL = 195.5
} H = 3.0'

WIDTH = 8'
L = 5+75 - 3+00 = 275'
V = ½ (275')(3')(8')/27 = 122.2 CY
GIVE 10% FLUFF
SAY V = 135 CY

WATER EL.= 204.0
BF = 195.5
CHANNEL SIDE COFFERDAMS = 204.0' - 195.5' + 1' = 9.5'
FREEBOARD
DO YOU THINK THEY CAN DO THIS WITH SAND BAGS?

GENERAL NOTES:

SPECIFICATIONS: CONNECTICUT DEPARTMENT OF TRANSPORTATION FORM 819 (2024), SUPPLEMENTAL DATED JANUARY 2024 AND SPECIAL PROVISIONS.

DESIGN SPECIFICATIONS: AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 2020, 9TH EDITION, WITH THE INTERIM SPECIFICATIONS AND AS SUPPLEMENTED BY THE CONNECTICUT DEPARTMENT OF TRANSPORTATION BRIDGE DESIGN MANUAL (2003) WITH 2024 REVISIONS.

CONCRETE: CLASS PCC Ø 3340 F'c = 3,000 P.S.I.
CLASS PCC Ø 3342 F'c = 3,000 P.S.I.
REINFORCEMENT (ASTM A615 GRADE 60) Fy = 60,000 P.S.I.

THE SPECIFIED CONCRETE STRENGTH USED IN DESIGN, F'c, OF THE CONCRETE COMPONENTS IS NOTED ABOVE. THE MINIMUM COMPRESSIVE STRENGTH OF THE CONCRETE IN THE CONSTRUCTED COMPONENTS SHALL CONFORM TO THE REQUIREMENTS OF 'SECTION 6.01 CONCRETE FOR STRUCTURES.'

DIMENSIONS: ALL ELEVATIONS ARE GIVEN IN FEET, WHEN ELEVATIONS ARE GIVEN TO LESS THAN THREE DECIMAL PLACES, THE OMITTED DIGITS SHALL BE ASSUMED TO BE ZERO.

UTILITIES: THE CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES LOCATED WITHIN THE VICINITY OF THE CONSTRUCTION SITE. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS WHEN WORKING NEAR UTILITIES SO AS NOT TO DISTURB THEM OR PLACE ANY LOAD OR EQUIPMENT ON THEM. ALL UTILITY COMPANIES SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY WORK AFFECTING CABLES, CONDUITS, OR OTHER UTILITIES.

EXISTING DIMENSIONS: DIMENSIONS OF THE EXISTING STRUCTURE SHOWN ON THESE PLANS ARE FOR GENERAL REFERENCE ONLY. THEY ARE BASED ON ROUGH FIELD MEASUREMENTS OR EXISTING DRAWINGS AND ARE NOT GUARANTEED. THE CONTRACTOR SHALL TAKE ALL FIELD MEASUREMENTS NECESSARY TO ASSURE PROPER FIT OF THE FINISHED WORK AND SHALL ASSUME FULL RESPONSIBILITY FOR THEIR ACCURACY. WHEN SHOP DRAWINGS BASED ON FIELD MEASUREMENTS ARE SUBMITTED FOR APPROVAL, THE FIELD MEASUREMENTS SHALL ALSO BE SUBMITTED FOR REFERENCE BY THE REVIEWER.

CONCRETE NOTES:

JOINT SEAL: SEE SPECIAL PROVISIONS

EXPOSED EDGES: EXPOSED EDGES OF CONCRETE SHALL BE BEVELED 1" x 1" UNLESS DIMENSIONED OTHERWISE.

CONCRETE COVER: ALL REINFORCEMENT SHALL HAVE TWO INCHES COVER UNLESS DIMENSIONED OTHERWISE.

REINFORCEMENT: ALL REINFORCEMENT SHALL BE ASTM A615 GRADE 60.

CONSTRUCTION JOINTS: CONSTRUCTION JOINTS, OTHER THAN THOSE SHOWN ON THE PLANS, WILL NOT BE PERMITTED WITHOUT PRIOR APPROVAL OF THE ENGINEER.

THE FOLLOWING PAY ITEMS AND CONCRETE CLASSES ARE REQUIRED FOR CAST-IN-PLACE BRIDGE COMPONENTS.

ITEM	COMPONENTS	PCC CLASS
FOOTING CONCRETE (MASS)	WALL FOOTING	PCC03340
ABUTMENT AND WALL CONCRETE (MASS)	WALL STEM	PCC03342

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE TOWN AND IS IN NO WAY WARRANTED TO INDICATE THE TRUE CONDITIONS OR ACTUAL QUANTITIES OR DISTRIBUTION OF QUANTITIES OF WORK WHICH WILL BE REQUIRED.

NO.	DATE	DESCRIPTION

REVISIONS

SUPV.	J.A.C.
DESIGN	K.K.
DRAWN	P.W.S.
CHECKED	K.O.E.
DATE	09/19/25

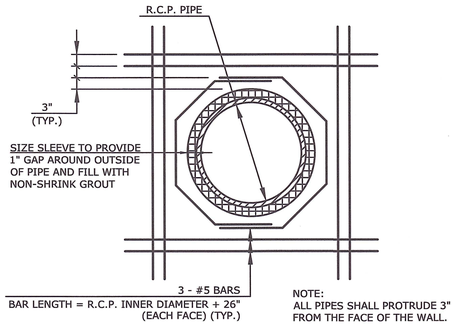
FD SUBMITTAL

WMC CONSULTING ENGINEERS
• WENGELL, McDONNELL & COSTELLO •
87 HOLMES ROAD
NEWINGTON, CT 06111
(860) 667-9624

PREPARED FOR
CITY OF BRISTOL
150 MAIN STREET
BRISTOL, CT 06010

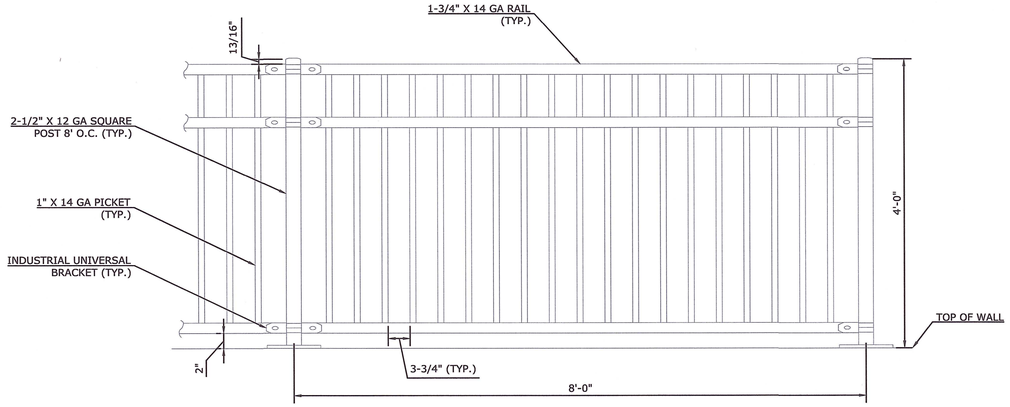
REPLACEMENT OF RETAINING WALL ALONG BROAD STREET AT PEQUABUCK RIVER STRUCTURE DETAILS

SIZE	PROJECT	FILE NAME	NUMBER	REV.	SHEET	OF
D	BRISTOL - BROAD ST	FD	23067.10		12	14



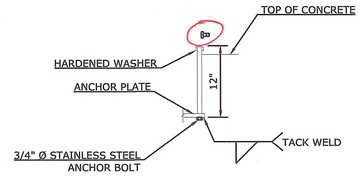
WINGWALL REINFORCEMENT AT RCP AND CMP PIPES

N.T.S.



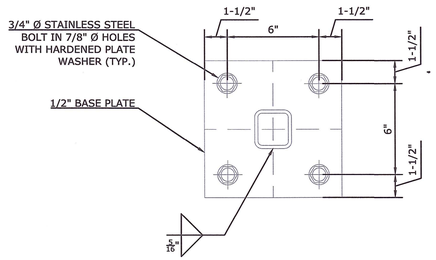
ORNAMENTAL METAL FENCE ELEVATION

SCALE: 1" = 1'-0"



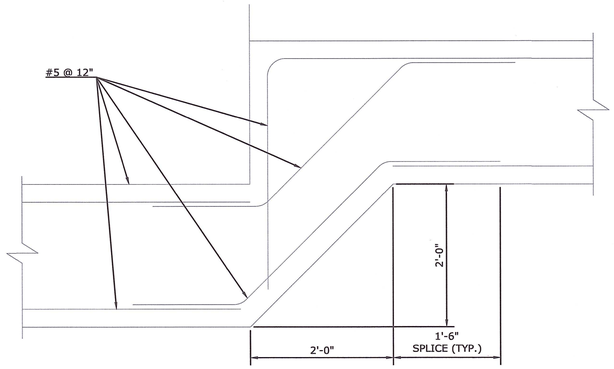
ANCHOR ASSEMBLY

SCALE: N.T.S.



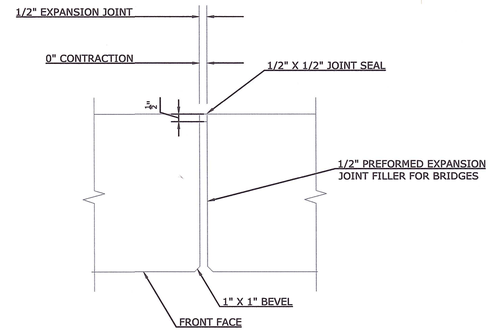
RAILING POST BASE PLATE

SCALE: N.T.S.



FOOTING STEP DETAIL

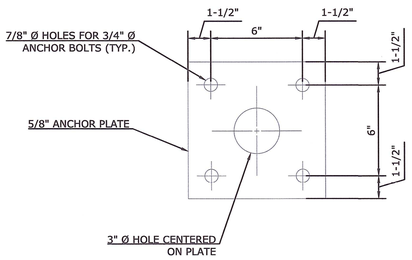
SCALE: 1" = 1'-0"



VERTICAL STEM JOINT DETAIL

SCALE: N.T.S.

NOTES:
1. NO REINFORCEMENT SHALL PASS THROUGH EXPANSION JOINTS OR CONTRACTION JOINTS. REINFORCEMENTS SHALL PASS THROUGH CONSTRUCTION JOINTS.
2. JOINT SEAL TO EXTEND FROM TOP OF FOOTING TO TOP OF RETAINING WALL AND HORIZONTALLY ALONG TOP OF RETAINING WALL.



RAILING POST ANCHOR PLATE

SCALE: N.T.S.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE TOWN AND IS IN NO WAY WARRANTED TO INDICATE THE TRUE CONDITIONS OR ACTUAL QUANTITIES OR DISTRIBUTION OF QUANTITIES OF WORK WHICH WILL BE REQUIRED.

NO.	DATE	DESCRIPTION

REVISIONS

SUPV.	J.A.C.
DESIGN	K.K.
DRAWN	D.T.J.
CHECKED	K.O.E.
DATE	09/19/25

FD
SUBMITTAL

WMC CONSULTING ENGINEERS
• WENGELL, McDONNELL & COSTELLO •
87 HOLMES ROAD
NEWINGTON, CT 06111
(860) 667-9624

PREPARED FOR
CITY OF BRISTOL
150 MAIN STREET
BRISTOL, CT 06010

REPLACEMENT OF RETAINING WALL ALONG BROAD STREET AT PEQUABUCK RIVER MISCELLANEOUS DETAILS

SIZE	PROJECT	FILE NAME	NUMBER	REV.	SHEET	OF
D	BRISTOL - BROAD ST	FD	23067.10		13	14

Jaime Lloret	**TEST BORING REPORT**		SHEET 1 OF 1
DRILLER	**ASSOCIATED BORINGS CO., INC.**		
Colin Sulick	**119 MARGARET CIRCLE, NAUGATUCK, CT 06770**		CME-55
INSPECTOR	**Tel (203) 729-5435 Fax (203) 729-5116**		DRILLING EQUIPMENT
	PROJECT NAME:	Broad Street Retaining Wall	WMC Consulting Engineers
SOILS ENGINEER	PROJECT NUMBER:		CLIENT
Surface Elevation: 211.01'	LOCATION:	Bristol, Connecticut	

Date Started: 2/26/2024			Auger		Casing		Sampler		Core Bar	Hole No. **B-1**				
Date Finished: 2/26/2024	Type		HSA				SS		NQ-2	Line & Station				
Groundwater Observations	Size I. D.	3 1/4	in				2	in	2"	Offset				
AT 8 ' AFTER 0 HRS	Hammer						140	lb	Bit	N Coordinate				
AT ' AFTER HRS	Fall						30	in		E. Coordinate				

DEPTH	Casing blows per foot	SAMPLE DEPTH IN FEET FROM - TO	NO.	PEN. INCH	REC. INCH	TYPE	BLOWS PER 6 INCHES ON SAMPLER 0 - 6	6 - 12	12-18	18-24	STRATA CHANGE: DEPTH, ELEV.	FIELD IDENTIFICATION OF SOIL, REMARKS (INCL. COLOR, LOSS OF WASH WATER, ETC.)
		1.0 - 2.5	1	18	8	D	30	40	50	X	9"	Bituminous Concrete
											3	Red Br. M-F Sand, Some C-F Gravel, Little Silt, (Fill)
5		5.0 - 7.0	2	24	10	D	1	2	1	2	5	Br. M-F Sand, Tr. Silt (Fill)
											8	Blk/Gr. F. Sand and Silt (Natural)
10		10.0 - 10.5	3	6	4	D	50	X	X	X		Red Br. M-F Sand and C-F Gravel, Broken Red Sandstone Fragments
		12.5 - 17.5	1	60	48	C					12.5	
	3											Cored Run # 1
	4											From 12.5 feet to 17.5 feet
15	3											Recovery - 48"
	4											RQD - 22/60 = 37%
	4										17.5	Red Sandstone
												End of Boring - 17.5
20												
25												
30												
35												
40												

From Ground Surface to		Feet Used	Inch Casing Then	Inch Casing For Feet
Footage in Earth 12.5	Footage in Rock 5.0	No. of Samples 3	Hole No. **B-1**	
SAMPLE TYPE CODING:	D = DRIVEN	C = CORE	A = AUGER	UP = UNDISTURBED PISTON
PROPORTIONS USED:	TRACE = 1-10%	LITTLE = 10-20%	SOME = 20-35%	AND = 35-50%

B-1
STATION = 2+86.45
OFFSET = 13.28L
NORTHING = 805595.30
EASTING = 958059.82
ELEV. = 211.01'

Jaime Lloret	**TEST BORING REPORT**		SHEET 1 OF 1
DRILLER	**ASSOCIATED BORINGS CO., INC.**		
Colin Sulick	**119 MARGARET CIRCLE, NAUGATUCK, CT 06770**		CME-55
INSPECTOR	**Tel (203) 729-5435 Fax (203) 729-5116**		DRILLING EQUIPMENT
	PROJECT NAME:	Broad Street Retaining Wall	WMC Consulting Engineers
SOILS ENGINEER	PROJECT NUMBER:		CLIENT
Surface Elevation: 211.22'	LOCATION:	Bristol, Connecticut	

Date Started: 2/27/2024			Auger		Casing		Sampler		Core Bar	Hole No. **B-3**				
Date Finished: 2/27/2024	Type		HSA				SS		NQ-2	Line & Station				
Groundwater Observations	Size I. D.	3 1/4	in				2	in	2"	Offset				
AT 8 ' AFTER 0 HRS	Hammer						140	lb	Bit	N Coordinate				
AT ' AFTER HRS	Fall						30	in		E. Coordinate				

DEPTH	Casing blows per foot	SAMPLE DEPTH IN FEET FROM - TO	NO.	PEN. INCH	REC. INCH	TYPE	BLOWS PER 6 INCHES ON SAMPLER 0 - 6	6 - 12	12-18	18-24	STRATA CHANGE: DEPTH, ELEV.	FIELD IDENTIFICATION OF SOIL, REMARKS (INCL. COLOR, LOSS OF WASH WATER, ETC.)
		1.0 - 2.5	1	18	4	D	36	41	50	X	5"	Bituminous Concrete
											3	Red Br. M-F Sand, Some C-F Gravel, Little Silt, (Fill)
5		5.0 - 7.0	2	24	10	D	6	5	4	4		Br. M-F Sand, Tr. Silt (Fill)
											9	
10		10.0 - 12.0	3	24	5	D	31	5	26	28		Red Br. M-F Sand and C-F Gravel, Broken Brown Sandstone Fragments
15		15.0 - 15.2	4	2	0	D	50/2"	X	X	X	15.2	
												Refusal - 15.2
20												
25												
30												
35												
40												

From Ground Surface to		Feet Used	Inch Casing Then	Inch Casing For Feet
Footage in Earth 15.0	Footage in Rock 0.0	No. of Samples 4	Hole No. **B-3**	
SAMPLE TYPE CODING:	D = DRIVEN	C = CORE	A = AUGER	UP = UNDISTURBED PISTON
PROPORTIONS USED:	TRACE = 1-10%	LITTLE = 10-20%	SOME = 20-35%	AND = 35-50%

B-3
STATION = 4+39.35
OFFSET = 9.12L
NORTHING = 805634.77
EASTING = 958203.68
ELEV. = 211.22'

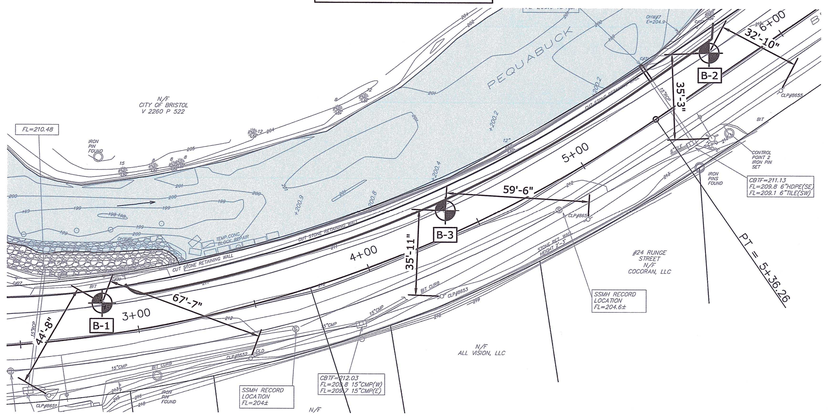
Jaime Lloret	**TEST BORING REPORT**		SHEET 1 OF 1
DRILLER	**ASSOCIATED BORINGS CO., INC.**		
Colin Sulick	**119 MARGARET CIRCLE, NAUGATUCK, CT 06770**		CME-55
INSPECTOR	**Tel (203) 729-5435 Fax (203) 729-5116**		DRILLING EQUIPMENT
	PROJECT NAME:	Broad Street Retaining Wall	WMC Consulting Engineers
SOILS ENGINEER	PROJECT NUMBER:		CLIENT
Surface Elevation: 211.04'	LOCATION:	Bristol, Connecticut	

Date Started: 2/26/2024			Auger		Casing		Sampler		Core Bar	Hole No. **B-2**				
Date Finished: 2/26/2024	Type		HSA				SS		NQ-2	Line & Station				
Groundwater Observations	Size I. D.	3 1/4	in				2	in	2"	Offset				
AT 8 ' AFTER 0 HRS	Hammer						140	lb	Bit	N Coordinate				
AT ' AFTER HRS	Fall						30	in		E. Coordinate				

DEPTH	Casing blows per foot	SAMPLE DEPTH IN FEET FROM - TO	NO.	PEN. INCH	REC. INCH	TYPE	BLOWS PER 6 INCHES ON SAMPLER 0 - 6	6 - 12	12-18	18-24	STRATA CHANGE: DEPTH, ELEV.	FIELD IDENTIFICATION OF SOIL, REMARKS (INCL. COLOR, LOSS OF WASH WATER, ETC.)
		1.0 - 3.0	1	24	12	D	30	41	37	31	9"	Bituminous Concrete
											3	Red Br. M-F Sand, Some C-F Gravel, Little Silt, (Fill)
5		5.0 - 7.0	2	24	6	D	6	7	4	2		Br. M-F Sand, Tr. Silt (Fill)
											7	
											9	Blk/Gr. F. Sand and Silt (Natural)
10		10.0 - 10.5	3	6	3	D	50	X	X	X		Red Br. M-F Sand and C-F Gravel, Broken Brown Sandstone Fragments
15		15.0 - 15.2	4	2	0	D	50/2"	X	X	X		
		15.5 - 20.5	1	60	55	C					15.5	
	3											Cored Run # 1
	3											From 15.5 feet to 20.5 feet
	4											Recovery - 55"
20	3											RQD - 7/60 = 8%
	5	20.5 - 25.5	2	60	60	C					20.5	Brown Sandstone
	4											Cored Run # 2
	5											From 20.5 feet to 25.5 feet
	4											Recovery - 60"
25	4											RQD - 21/60 = 36%
	5											Red Sandstone
												End of Boring - 25.5
30												
35												
40												

From Ground Surface to		Feet Used	Inch Casing Then	Inch Casing For Feet
Footage in Earth 15.5	Footage in Rock 10.0	No. of Samples 4	Hole No. **B-2**	
SAMPLE TYPE CODING:	D = DRIVEN	C = CORE	A = AUGER	UP = UNDISTURBED PISTON
PROPORTIONS USED:	TRACE = 1-10%	LITTLE = 10-20%	SOME = 20-35%	AND = 35-50%

B-2
STATION = 5+70.45
OFFSET = 8.43L
NORTHING = 805701.41
EASTING = 958314.23
ELEV. = 211.04'



BORING LOGS LOCATIONS

SCALE: 1" = 30'

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE TOWN AND IS IN NO WAY WARRANTED TO INDICATE THE TRUE CONDITIONS OR ACTUAL QUANTITIES OR DISTRIBUTION OF QUANTITIES OF WORK WHICH WILL BE REQUIRED.

NO.	DATE	DESCRIPTION

REVISIONS

SUPV.	J.A.C.
DESIGN	K.K.
DRAWN	D.T.J.
CHECKED	K.O.E.
DATE	12/10/24

FD
SUBMITTAL

WMC CONSULTING ENGINEERS
• WENGELL, McDONNELL & COSTELLO •
87 HOLMES ROAD
NEWINGTON, CT 06111
(860) 667-9624

PREPARED FOR
CITY OF BRISTOL
150 MAIN STREET
BRISTOL, CT 06010

REPLACEMENT OF RETAINING WALL ALONG BROAD STREET AT PEQUABUCK RIVER BORING LOGS

SIZE	PROJECT	FILE NAME	NUMBER	REV.	SHEET	OF
D	–BRISTOL - BROAD ST–	PD	– 23067.10 –		14	14

Department of Public Works | 860.584.6125

MEMORANDUM

DATE: November 6, 2025

TO: Mayor Ellen Zoppo-Sassu
Board of Public Works
FROM: Raymond A. Rogozinski, P.E., Director of Public Works

RE: **DPW ROADWAY PAVEMENT – EVERSOURCE CONTRIBUTIONS**

As residents of Bristol are aware, Eversource Gas has been performing extensive work within the City replacing old gas mains. The work is being performed in accordance a PURA-PHMSA's requirement to replace all gas main pipe constructed of bare steel or cast iron by 2029. A list of effected streets is attached.

Pursuant to City Ordinance 21-68, DPW issued excavation permits. Public utility companies are required to repair roadway sections disturbed during utility work or provide payment to the City to fund repairs. Based on roadway pavement conditions prior to Eversource's work, DPW utilizes Eversource funds to fully restore roadway conditions by milling and paving impacted roads curb to curb. As indicated in the attached, the average RSR pavement condition was 65 prior to Eversource's work. The average RSR condition rating of the City's 234-mile roadway network is 80. Roads scheduled by the Department for paving typically have a rating between 55 to 68. The Eversource contribution of $1,069,000 covers approximately half of the $2,166,954 milling and pavement cost. Paving of the listed roads will be scheduled for the spring of 2026.

It should be noted that the Department has experienced challenges with respect to Eversource's work activity, traffic control, and temporary pavement restoration. As previously reported to the Board, the Department has increased permit requirements and inspection to improve quality.

Please feel free to contact me at 860-584-6113 with any questions or concerns.

Sum of calculated_length			Coating			
St name	pipe_size	material	BW	MW	X	Grand Total
ACADEMY ST			1,412		6	1,419
	4	CI	1,379			1,379
	6	CI	20			20
		ST			6	6
	10	ST	14			14
ADDISON ST			362			362
	4	CI	362			362
ALDER ST			376			376
	4	CI	376			376
ALLEN ST			498			498
	6	CI	489			489
	8	CI	8			8
ANDERSON AVE			23			23
	4	CI	23			23
BARNES ST			573	103		676
	4	CI	573			573
		ST		103		103
BEECH ST			1,243			1,243
	4	CI	917			917
	6	CI	326			326
BELEDEN GARDENS DR			684			684
	4	CI	684			684
BELLEVUE AVE			1,129			1,129
	4	CI	1,129			1,129
BENJAMIN ST			13			13
	6	ST	6			6
	8	ST	7			7
BETHEL ST			34			34
	4	CI	34			34
BIRGE RD			407			407
	6	CI	394			394
	8	CI	13			13
BRIGHTWOOD RD			307			307
	4	CI	307			307
BROAD PL			4			4
	4	CI	4			4
BROAD ST			5,632		186	5,818
	10	CI	8			8
		ST	11			11
	12	CI	5,553			5,553
		ST	59		186	246
BROADVIEW ST			22			22
	4	CI	22			22
BUCKINGHAM ST					38	38
	4	ST			38	38
BURLINGTON AVE			4,423			4,423
	6	CI	669			669
	8	CI	3,754			3,754
CAMBRIDGE RD			355			355

CAMBRIDGE RD	**4** CI	342			342
	6 CI	14			14
CARLETON PL		**382**			**382**
	4 CI	382			382
CASE ST		**266**			**266**
	4 CI	266			266
CAWLEY ST		**15**			**15**
	6 CI	15			15
CEMETERY AVE				**14**	**14**
	8 ST			14	14
CENTER ST		**280**			**280**
	4 CI	276			276
	8 CI	4			4
CENTRAL ST		**1,128**	**136**		**1,264**
	4 CI	891			891
	10 CI	92			92
	ST	5			5
	12 CI	139			139
	ST		136		136
CHURCH AVE		**1,824**			**1,824**
	2 ST	127			127
	4 ST	22			22
	6 CI	1,654			1,654
	ST	11			11
	8 CI	11			11
CIRCLE ST		**2,144**			**2,144**
	6 CI	2,144			2,144
CLAIRE ST		**10**			**10**
	8 CI	10			10
CONLON ST		**598**			**598**
	4 CI	598			598
COTTAGE ST		**28**			**28**
	6 CI	28			28
CRESCENT DR		**541**			**541**
	6 CI	541			541
CURTISS ST		**825**			**825**
	4 CI	161			161
	6 CI	664			664
CYPRESS ST		**1,359**			**1,359**
	6 CI	1,359			1,359
DIVISION ST		**6**			**6**
	6 CI	6			6
DOWNS ST		**388**			**388**
	16 CI	388			388
DUDLEY ST		**32**			**32**
	6 CI	32			32
DWIGHT ST		**307**			**307**
	4 CI	258			258
	ST	49			49
E MAIN ST		**2,320**			**2,320**
	10 CI	1,727			1,727

E MAIN ST	12 CI	593		593
EAST RD		**1,575**	**46**	**1,622**
	4 CI	4		4
	6 CI	1,571		1,571
	ST		46	46
EAST ST		**15**		**15**
	12 CI	15		15
EDGEWOOD ST		**8**		**8**
	4 CI	8		8
EDWARD ST		**412**		**412**
	4 CI	405		405
	6 CI	7		7
FARMINGTON AVE		**5,072**		**5,072**
	2 CI	34		34
	6 CI	2,336		2,336
	8 CI	2,609		2,609
	ST	92		92
FEDERAL ST		**13**		**13**
	8 CI	13		13
FIFTH ST		**516**		**516**
	2 ST	109		109
	4 CI	407		407
FIRST ST		**5**		**5**
	4 CI	5		5
FOURTH ST		**16**		**16**
	4 CI	16		16
FRANCES ST		**22**		**22**
	4 CI	22		22
FRANKLIN ST		**31**		**31**
	4 CI	31		31
GARDEN ST		**1,074**		**1,074**
	4 CI	1,023		1,023
	ST	52		52
GAYLORD ST		**826**		**826**
	4 CI	826		826
GEARY AVE		**160**		**160**
	4 CI	160		160
GEORGE ST		**54**		**54**
	6 CI	54		54
GOODWIN ST		**639**		**639**
	4 CI	362		362
	ST	260		260
	6 CI	3		3
	8 CI	15		15
GRANGER RD		**124**		**124**
	4 CI	124		124
GRIDLEY ST		**2,287**		**2,287**
	4 CI	580		580
	6 CI	1,707		1,707
GROVE ST		**631**		**631**
	4 CI	5		5

GROVE ST	6 CI	626		626
HAIG AVE		**429**		**429**
	4 CI	418		418
	6 CI	12		12
HAVILAND ST		**1,463**		**1,463**
	6 CI	1,445		1,445
	ST	18		18
HENDERSON ST		**644**		**644**
	6 CI	582		582
	8 CI	62		62
HIGH ST		**2,104**		**2,104**
	4 CI	15		15
	6 CI	2,077		2,077
	ST	12		12
HIGHLAND ST		**88**		**88**
	4 CI	74		74
	6 CI	15		15
HOLDEN ST		**301**		**301**
	4 CI	301		301
HOOKER CT		**365**		**365**
	8 CI	365		365
HOOVER AVE		**425**		**425**
	4 CI	357		357
	6 CI	59		59
	8 CI	9		9
INGRAHAM PL		**800**		**800**
	4 CI	798		798
	6 CI	2		2
IRVING ST		**20**		**20**
	6 ST	20		20
JACOBS ST		**1,335**		**1,335**
	4 CI	1,335		1,335
JAMES ST			**246**	**246**
	4 ST		246	246
JENNINGS RD		**477**		**477**
	4 CI	466		466
	6 CI	11		11
JUDD ST		**62**		**62**
	4 CI	18		18
	8 CI	43		43
KING ST		**716**		**716**
	6 CI	716		716
LARDNER RD		**877**		**877**
	4 CI	856		856
	6 CI	21		21
LAUREL ST		**35**		**35**
	6 CI	35		35
LAWSON ST		**13**		**13**
	4 ST	9		9
	6 ST	4		4
LEWIS ST		**46**		**46**

LEWIS ST	8 CI	46	46
LEXINGTON ST		**12**	**12**
	4 CI	9	9
	6 CI	3	3
LINCOLN AVE		**47**	**47**
	6 CI	4	4
	8 CI	40	40
	10 CI	3	3
LINCOLN ST		**541**	**541**
	4 CI	537	537
	6 CI	4	4
MAIN ST		**2,181**	**2,181**
	2 CI	3	3
	4 CI	16	16
	6 CI	19	19
	8 CI	2,132	2,132
	ST	11	11
MAPLE ST		**524**	**524**
	8 CI	524	524
MEADOW ST		**45**	**45**
	4 CI	45	45
MELLEN ST		**12**	**12**
	12 CI	12	12
MELVILLE ST		**387**	**387**
	4 CI	360	360
	6 CI	22	22
	8 CI	6	6
MERCIER AVE		**2,009**	**2,009**
	4 CI	1,688	1,688
	ST	18	18
	6 CI	295	295
	8 CI	7	7
MERRIMAN ST		**17**	**17**
	4 CI	6	6
	ST	10	10
MISSETT ST		**119**	**119**
	4 CI	119	119
MOODY ST		**14**	**14**
	6 CI	9	9
	8 CI	5	5
MUZZY ST		**659**	**659**
	4 CI	659	659
N MAIN ST		**219**	**219**
	8 CI	219	219
N POND ST		**799**	**799**
	4 CI	312	312
	ST	158	158
	6 CI	330	330
NORTH ST		**1,680**	**1,680**
	8 CI	1,680	1,680
OAKLAND ST		**29**	**29**

OAKLAND ST	6 CI	29	29
ORCHARD ST		**51**	**51**
	4 CI	40	40
	6 CI	11	11
PAGE AVE		**721**	**721**
	8 CI	721	721
PARDEE ST		**759**	**759**
	6 CI	759	759
PARK ST		**311**	**311**
	6 CI	311	311
PETERS CT		**219**	**219**
	2 ST	219	219
PILGRIM RD		**623**	**623**
	6 CI	612	612
	8 CI	10	10
PINE VIEW ST		**479**	**479**
	4 CI	479	479
PLEASANT AVE		**59**	**59**
	4 CI	59	59
POUND ST		**482**	**482**
	4 CI	281	281
	6 CI	179	179
	8 CI	21	21
PRESTON ST		**4**	**4**
	12 CI	4	4
PRINCE ST		**430**	**430**
	4 CI	427	427
	6 CI	3	3
PROSPECT PL		**7**	**7**
	4 CI	7	7
QUEEN ST		**2,476**	**2,476**
	8 CI	2,467	2,467
	ST	9	9
REILLY RD		**330**	**330**
	4 CI	330	330
ROBERTS ST		**312**	**312**
	4 CI	312	312
RUSTIC TER		**855**	**855**
	4 CI	9	9
	6 CI	846	846
SCHOOL ST		**416**	**416**
	8 CI	416	416
SECOND ST		**28**	**28**
	4 CI	28	28
SESSIONS ST		**11**	**11**
	4 CI	6	6
	8 CI	5	5
SEYMOUR ST		**1,177**	**1,177**
	4 CI	1,166	1,166
	6 CI	12	12
SHAWS DR		**245**	**245**

SHAWS DR	8 CI	245		245
SIXTH ST		**754**		**754**
	4 CI	754		754
SOUTH ST		**4,354**		**4,354**
	6 CI	309		309
	12 CI	56		56
	16 CI	3,989		3,989
SOUTH ST EXT		**1,678**		**1,678**
	8 CI	1,678		1,678
STEARNS ST		**40**		**40**
	4 CI	40		40
STEELE RD		**853**		**853**
	4 CI	193		193
	6 CI	651		651
	ST	9		9
STEWART ST		**1,294**		**1,294**
	4 CI	780		780
	6 CI	514		514
SUMMER ST		**88**		**88**
	6 CI	88		88
SUMMIT ST		**661**		**661**
	4 CI	548		548
	6 CI	113		113
TERRY RD		**481**		**481**
	4 CI	472		472
	6 CI	9		9
TERRYVILLE AVE		**1,127**		**1,127**
	4 CI	1,085		1,085
	ST	10		10
	8 CI	32		32
THIRD ST		**19**		**19**
	4 CI	19		19
TULIP ST		**644**		**644**
	6 CI	644		644
TUTTLE ST		**157**	**58**	**215**
	4 CI	157		157
	6 ST		58	58
UPSON ST		**25**		**25**
	4 CI	25		25
WALNUT ST		**8**		**8**
	4 CI	8		8
WARD ST		**17**		**17**
	4 CI	17		17
WASHINGTON ST		**2,438**		**2,438**
	4 CI	1,947		1,947
	6 CI	482		482
	ST	9		9
WEST ST		**3,667**	**28**	**3,696**
	4 CI	22		22
	6 CI	3,217		3,217
	ST	128		128

WEST ST	**8** CI	204		204
	ST	96	28	125
WILCOX ST		**477**		**477**
	4 CI	474		474
	6 CI	4		4
WILLIAMS ST		**757**		**757**
	4 CI	639		639
	ST	5		5
	6 CI	103		103
	ST	10		10
WILLOUGHBY ST		**470**		**470**
	4 CI	319		319
	6 CI	151		151
WINTHROP ST		**308**		**308**
	4 CI	308		308
WOLCOTT ST		**9**		**9**
	4 CI	9		9
WOODBINE ST		**8**		**8**
	4 CI	8		8
WOODING ST		**30**		**30**
	4 CI	30		30
WOODLAND ST		**231**		**231**
	6 CI	231		231

Bristol CONNECTICUT All Heart™

Pavement Management Program (Eversource Roads)

30-Oct-25

SCHEDULE	Street Name	Street Length (Ft)	Street Width (Ft)	Tons (Est)	Paving Cost	Mill	Mill Cost	RSR	Total Cost.
F 26	Federal Street (Maple to Summer)	745	33	308	$ 41,580	Mill All	$4,780	65	$ 46,360
F 26	Lincoln Place	290	20	72	$ 9,720	Mill All	$1,128	65	$ 10,848
F 26	Richmond Place	537	20	134	$ 18,090	Mill All	$2,088	63	$ 20,178
F 26	Prospect Pl. (Summer to Richmond)	306	20	76	$ 10,260	Mill All	$1,190	65	$ 11,450
F 26	Pilgrim Road	2,136	30	801	$ 108,135	Mill All	$12,460	64	$ 120,595
F 26	Cambridge Road	495	32	198	$ 26,730	Mill All	$3,080	63	$ 29,810
F 26	Sessions Street (Paved Spring 2025)	497	29	180	$ 24,300	Mill All	$2,803	44	$ 27,103
F 26	Puritan Road	623	30	234	$ 31,590	Mill All	$3,634	65	$ 35,224
F 26	Summer Street	3,345	25	1046	$ 141,210	Mill All	$16,260	75	$ 157,470
F 26	Federal Court	165	15	31	$ 4,185	Mill All	$481	87	$ 4,666
F 26	North Pond Road	2,717	34	1155	$ 155,925	Mill All	$17,962	62	$ 173,887
F 26	Queen Street	2,034	37	940	$ 126,900	Mill All	$14,634	75	$ 141,534
F 26	Main Street	1,937	27	654	$ 88,290	Mill All	$10,169	75	$ 98,459
F 26	Arnold Ct	233	16	47	$ 6,345	Mill All	$725	28	$ 7,070
F 26	Center Street	2,630	30	986	$ 133,110	Mill All	$15,342	65	$ 148,452
F 26	Broadview Street (Half Road Paved)	953	29	345	$ 46,575	Mill All	$5,374	70	$ 51,949
F 26	Stearns Street	1,843	29	668	$ 90,180	Mill All	$10,392	100	$ 100,572
F 26	Oakland Street (Half Road Paved)	2,329	29	844	$ 113,940	Mill All	$13,133	84	$ 127,073
F 26	Cirlcle Street	2,116	22	581	$ 78,435	Mill All	$9,052	82	$ 87,487
F 26	Academy Street	1,330	21	350	$ 47,250	Mill All	$5,431	84	$ 52,681
F 26	Garden Street	1,111	19	264	$ 35,640	Mill All	$4,105	82	$ 39,745
F 26	Molzon Place	599	30	225	$ 30,375	Mill All	$3,494	60	$ 33,869
F 26	Central Avenue	489	28	172	$ 23,220	Mill All	$2,662	58	$ 25,882
F 26	Highland Street	917	28	321	$ 43,335	Mill All	$4,993	59	$ 48,328
F 26	Beech Street	1,187	30	445	$ 60,075	Mill All	$6,924	56	$ 66,999
F 26	Crescent Drive	548	30	206	$ 27,810	Mill All	$3,197	60	$ 31,007
F 26	Ambler Road	1,501	19	357	$ 48,195	Mill All	$5,545	38	$ 53,740
F 26	Alder Street	378	30	142	$ 19,170	Mill All	$2,205	64	$ 21,375
F 26	Cypress Street	1,117	30	419	$ 56,565	Mill All	$6,516	63	$ 63,081
F 26	Willoughby Street	778	30	292	$ 39,420	Mill All	$4,538	75	$ 43,958
F 26	Curtiss Street	1,896	30	711	$ 95,985	Mill All	$11,060	61	$ 107,045
F 26	Dwight Street	329	24	99	$ 13,365	Mill All	$1,535	60	$ 14,900
F 26	Conlon Street	662	33	273	$ 36,855	Mill All	$4,248	62	$ 41,103
F 26	Pardee Street	778	31	302	$ 40,770	Mill All	$4,690	60	$ 45,460
F 26	Irving Street	733	30	290	$ 39,150	Mill All	$4,276	60	$ 43,426

F 26	Williams Street	647	28	227	$ 30,645	Mill All	$3,523	58	$ 34,168
								Total	$ 2,166,954

EVERSOURCE ENERGY
107 Selden Street
Berlin, CT 06037

Joseph Martin
Manager, Field Operations Support
CT Gas Project Management
O: (860) 292-2234 C: (413) 474-0999
E: Joseph.bm.martin@eversource.com

Mr. Raymond Rogozinski, Director
Bristol Department of Public Works
245 Dekoven Drive
Middletown, CT 06457

Dear Mr. Rogozinski,

In most gas installations within Connecticut roadways "permanent resurfacing and restoration" ("PRR") is performed by the utility or its contractors that are installing gas infrastructure; the Municipality has requested that it perform and be responsible for the PRR and that, in lieu of performing and being responsible for the PRR, Eversource will instead pay the agreed-upon amount as outlined in the attached invoice to the Municipality **$1,069,000.00**.

The Municipality agrees to waive PRR related to ESG's gas replacement Projects in **Bristol, CT**. The streets included within this agreement are outlined in the attached documents and are as follows:

- 24c230 Pilgrim, Puritan, Cambridge
- 24c239 Beech, Crescent, North Pond, Alder, Molzon, Highland, Curtiss
- 24c240 Cypress, Willoughby, North Pond
- 24c272 Stearns, Oakland, Broadview
- 24c283 Summer, Federal, Federal Court, Lincoln, Richmond, Prospect, Center
- 25c221 Williams, Curtiss, Conlon, Pardee, Dwight
- 25c241 Sessions, Center, Arnold Court, Main, Queen
- 25c281 Circle Street
- 25c282 Academy, Garden

By accepting this payment the Municipality agrees that the PRR is the sole responsibility of the Municipality (all at the Municipality's sole cost and expense) shall include, without limitation, the following: (1) the proper maintenance of the temporary pavement installed by Eversource or Eversource's contractor for areas affected by the installation, repair, maintenance and/or modification of gas facilities conducted by Eversource or its contractor; (2) the permanent resurfacing and restoration of such area or areas; and (3) all other activities related and necessary to the PRR and its successful completion such as, without limitation, abutter notifications, permit acquisitions, and traffic control (including the cost of police and flagmen).

The Municipality agrees to indemnify, defend, release and hold harmless Eversource, its parent and affiliates and its and their respective officers, employees, contractors, agents and representatives and their respective heirs, successors and assigns (collectively – which includes Eversource - , the "Eversource Representatives") from and against any and all claims, damages, penalties, fines and/or all other liability (including in each case reasonable attorneys' fees) based upon or arising out of any of the Municipality's obligations and/or responsibilities under this Agreement including, without limitation, any performance by the Municipality or its contractors of the PRR and the condition of the trench and portion of roadway affected by the PRR, whether such claims, damages, penalties, fines and liabilities arise out of any civil litigation, administrative agency enforcement actions, criminal litigation or otherwise, except in the event of gross negligence by the Eversource Representatives.

Title: _____

Signature: _____ Date: _____

EVERSOURCE ENERGY

107 Selden Street

Berlin, CT 06037

Street	ESG scheduled start date if performing PRR	Customer anticipated start date for PRR
• 24c230 Pilgrim, Puritan, Cambridge • 24c239 Beech, Crescent, North Pond, Alder, Molzon, Highland, Curtiss • 24c240 Cypress, Willoughby, North Pond • 24c272 Stearns, Oakland, Broadview • 24c283 Summer, Federal, Federal Court, Lincoln, Richmond, Prospect, Center • 25c221 Williams, Curtiss, Conlon, Pardee, Dwight • 25c241 Sessions, Center, Arnold Court, Main, Queen • 25c281 Circle Street • 25c282 Academy, Garden	November 2025	November 2025

Title: _____

Signature: _____ Date: _____

Raymond Rogozinski

From: Morales, Juan A <juan.morales@eversource.com>
Sent: Friday, October 10, 2025 3:54 PM
To: Raymond Rogozinski; Joseph Palmisano
Cc: Pettersen, Eric F; Martin, Joseph B
Subject: Bristol Fee in Lieu Proposal
Attachments: BristolFILLtr2025.pdf

Hello Mr. Rogozinski:

After reviewing the measurements and the request for restoration from the city, the calculated amount for the Fee in Lieu proposal involving the projects and streets listed below is the following:

For an approximate total of 26,230 linear feet with an average restoration width of half-road (all except Federal Road and Summer Street which are Full Road restoration), Eversource can contribute $1,069,000.00 toward the restoration of these projects. This is based on the restoration of the roadway trenches at a mill of 2.0 inches deep.

Please review this information and feel free to contact myself or Eric Pettersen with any questions.

I have also included the Agreement Letter for your review. Should you agree to this proposal, please return the signed attached letter along with an invoice for the stated amount so I can submit a request for payment.

Thank you for your kind attention to this matter and enjoy the weekend.

Juan Morales, Eversource Restoration.

24C230	38266984	PILGRIM	HALF ROAD
	38266984	PURITAN	HALF ROAD
	38266984	CAMBRIDGE	HALF ROAD
24C239	38202356	BEECH	HALF ROAD
	38202356	CRESCENT	HALF ROAD
	38202356	NORTH POND	HALF ROAD
	38202356	ALDER	HALF ROAD
	38204720	MOLZON	HALF ROAD
	38204720	HIGHLAND	HALF ROAD
	38204720	CURTISS	HALF ROAD
24C240	38266915	CYPRESS	HALF ROAD
	38266915	WILLOUGHBY	HALF ROAD
	38266915	NORTH POND	HALF ROAD
24C272	30611578	STEARNS	HALF ROAD

	30611578	OAKLAND	HALF ROAD
	30611578	BROADVIEW	HALF ROAD
24C283	30627126	SUMMER	HALF ROAD
	30627126	FEDERAL	**FULL ROAD**
	30627126	FEDERAL COURT	HALF ROAD
	32596285	LINCOLN	HALF ROAD
	32596285	RICHMOND	HALF ROAD
	32596285	PROSPECT	HALF ROAD
	30627126	CENTER	HALF ROAD
	30627126	SUMMER	**FULL ROAD**
25C221	38285753	WILLIAMS	HALF ROAD
	38285753	CURTISS	HALF ROAD
	38285753	CONLON	HALF ROAD
	38285753	PARDEE	HALF ROAD
	38285753	DWIGHT	HALF ROAD
25C241	30593993	SESSIONS	HALF ROAD
	38285755	CENTER	HALF ROAD
	38285755	ARNOLD CT	HALF ROAD
	38285755	MAIN	HALF ROAD
	38285755	QUEEN	HALF ROAD
25C281	38285759	CIRCLE	HALF ROAD
25C282	38285762	ACADEMY	HALF ROAD
	38285762	GARDEN	HALF ROAD

Juan Morales
Restoration Coordinator
Eversource Gas
860-986-9725

This electronic message contains information from Eversource Energy or its affiliates that may be confidential, proprietary or otherwise protected from disclosure. The information is intended to be used solely by the recipient(s) named. Any views or opinions expressed in this message are not necessarily those of Eversource Energy or its affiliates. Any disclosure, copying or distribution of this message or the taking of any action based on its contents, other than by the intended recipient for its intended purpose, is strictly prohibited. If you have received this e-mail in error, please notify the sender immediately and delete it from your system. Email transmission cannot be guaranteed to be error-free or secure or free from viruses, and Eversource Energy disclaims all liability for any resulting damage, errors, or omissions.

Department of Public Works | 860.584.6125

MEMORANDUM

DATE: November 6, 2025

TO: Mayor Ellen Zoppo-Sassu
Board of Public Works
FROM: Raymond A. Rogozinski, P.E., Director of Public Works

RE: **DPW TRANSFER STATION – RECLASSIFYING OF PERMITS TIER II (2026)**

The Board of Public Works voted at its July 20, 2023 meeting, based on the recommendation of DPW, to classify users of the transfer station that deposit more than 5,000 lbs. (2.5 tons) of chargeable materials in a single year, and an average over 2.5 tons over a three (3) year period, as Residential Tier II permit holders. If a permit holder did not have a permit for a three-year period, the average is based on the number of permit years (not exceeding three (3) years).

In accordance with BPW policy, DPW shall report to the Board of Public Works the number of reclassified permits and the findings of the permit evaluations on a yearly basis. The policy was implemented on October 1, 2024, and 102 residential permit holders were reclassified as Residential Tier II permit holders (11,836 current permit holders).

In accordance with the policy, all residential permit holders are evaluated on a yearly basis based on the chargeable weight deposited at the transfer station. The data used to evaluate each permit is from October 1 to October 1 of each year. Permit are reclassified (if required) from Jan 1 to Jan 1.

The Department of Public Works has completed its review of residential permit holders. A summary of the analysis is provided below:

A. 41 current residential permit holders have been reclassified as Residential Tier II. Approximately 12 of the 41 permits reclassified obtained permits within the last 2 years9 of the permit holders scheduled to be reclassified Tier II should have been classified as Tier II permit holders in 2024. Due to an administrative oversight they remained classified as Residential.
B. 18 of the 102 permits previously reclassified as Residential Tier II permit holders will remain classified as Tier II permit holders.
C. 84 current Residential Tier II permit holders will be reclassified back to Residential permit holders.

See attached list of permit holders and tonnage. Letters will be issued to all applicable permit holders. It should be noted that all permit holders were notified via email of the Board's transfer station reclassification policy, information is provided on the Department's website, and new permit holders are advised of the policy.

A summary of the Transfer Station permits is provided below:

A. Commercial Permits - Tier I
   i. Permit Fee $50 (Bristol company) & $100 (non-Bristol company), renewable every 1 year (according to COI expiration date).
   ii. Increase material disposal cost from $0.60/10 lbs. to $0.85/10 lbs. and eliminate free 100 lbs. per day.
   iii. Continue the practice of free disposal of leaves. Commercial permit holders will be charged $0.60/10 lbs. M-F, $0.85/10 lbs. on Saturday.
   iv. Free disposal of leaves, antifreeze (5 gal), oil (5 gal), fluorescent bulbs (10), paint (10 gal), 8 tires per year, 6 mattresses per year, electronics, metals, and acceptable single stream recyclables. Free disposal not applicable for loads/quantities larger than designated above.
   v. $5.00 gate fee charge (including free items)
   vi. Material Disposal Cost $0.85/10 lbs. (except for yard waste and leaves).
   vii. Yard waste disposal fees are $0.60/10 lbs. M-F and $0.85/10 lbs. on Saturdays.
   viii. Insurance requirements: Certificate of Liability showing a minimum of $500,000 Auto Liability (Combined Single Limit) and showing the City as an additional insured. Requirement will remain "as is."
B. Residential Permit – Tier II
   i. Subject to all Commercial Tier I policies and fees, except an insurance certificate is not required. As a result, Residential Tier II permit holders will not be allowed behind the residential drop-off area. Residential Tier II permit holders will utilize the same disposal drop-off area as current residential permit holders.
C. Residential Permits
   i. Subject to all current Residential Permit policies and fees, except modifying the limits currently established on free items allowed (currently 2 mattresses/box springs per day and 4 tires per day) modified to 8 tires per year and 6 mattresses/box springs per year.
   ii. The current policy allowing residential permit holders to dispose of leaves at no charge will be maintained.

Board approval included continuing the existing policy of NOT charging commercial and residential permit holders for the disposal of leaves.

A review of transfer station use revenue and tonnage pre- and post- reclassification policy of 2023 indicates that there has been a reduction in tonnage in 2025. Although revenues have not decreased, the reduction in tonnage will have to be monitored. The intent of the Board's reclassification policy is not to reduce the level of service provided to residents. It is to decrease the general taxpayer's subsidy of heavy users. It should be noted that the transfer station tonnage increased in 2020 and 2021, due to COVID.

TRANSFER STATION PERMIT DISPOSAL TONAGE/ REVENUE (Period - October 1 to October 1)		
YEAR	REVENUE	TONAGE
2020	$276,781	15,048
2021	$309,628	20,997
2022	$269,472	13,940
2023	$271,677	13,024
2024	$296,204	13,131
2025	$295,011	12,280

Transfer station revenues are primarily a function of disposal tonnage, however, the number of transactions also effects revenue.

The basis of the Board's policy to charge heavy users of the transfer station a higher disposal cost is that the transfer station funds receive $471,655 FY2025-26 from the City's general taxpayer fund. The total transfer station budget is $902,985, therefore, each ton of material disposed of at the transfer station is subsidized by general taxpayers. In order to reduce the disproportional high use of permit users (general fund subsidy),

permit holders disposing of greater than 2.5 tons in a given year, and average over 2.5 tons over a three-year period, are classified as a Residential Tier II permit holder and are charged higher rates.

In accordance with the policy, each permit holder reserves the right to appeal their reclassification, and/or identify any special circumstances, if they feel they should NOT be reclassified as Residential Tier II permit holders.

The Board's policy to allow transfer station access to non-residents for the purpose of cleaning out the house of family members/loved one in cases where the Bristol resident passes, or is placed in a special care facility, remains in place. Said access is limited to seven days, and is subject to the submittal of documentation and payment of residential fees.

Please feel free to contact me at 860-584-6113 with any questions or concerns.

CURRENT RESIDENTIAL TEIR II PERMIT HOLDERS TO REMAIN TIER II PERMIT HOLDERS

Pass Number/Name	Tons 2024-2025	Tons 2023-2024	Tons 2022-2023	Tons 3 YR Ave	Gate Fees	Disposal Amount	Amount	Transactions
157221704 - ALBERT, BENJAMIN,H	143.740	118.730	107.150	123.207	$485.00	$24,435.80	$24,920.80	97 tickets and 97 transactions
243548340 - CREAMER, MARK,E,SR	13.935	31.73	16.395	20.687	$480.00	$2,368.95	$2,848.95	96 tickets and 96 transactions
157774701 - RAMOS, JOSE,M	22.375	21.385	34.780	26.180	$395.00	$3,803.75	$4,198.75	79 tickets and 79 transactions
224890528 - MARTIN, GARRY,E	11.725	20.215	13.075	15.005	$140.00	$1,993.25	$2,133.25	28 tickets and 28 transactions
109105654 - GREEN, ANA	4.530	15.725	13.530	11.262	$50.00	$770.10	$820.10	10 tickets and 10 transactions
067929965 - RUDYK, ROMAN	9.325	8.21	6.055	7.863	$130.00	$1,585.25	$1,715.25	26 tickets and 26 transactions
076699487 - MERCADO, JENNIFER,M***	5.515	16.235	95.505	39.085	$45.00	$937.55	$982.55	9 tickets and 9 transactions
148039645 - LANDRY, JUSTIN****	11.000	5.835	29.16	15.332	$135.00	$1,870.00	$2,005.00	27 tickets and 27 transactions
234626769 - OREN, BRUCE	8.875	7.12	6.34	7.445	$295.00	$1,508.75	$1,803.75	59 tickets and 59 transactions
027435002 - HICKS, LESLIE,A	5.205	4.62	5.51	5.112	$95.00	$884.85	$979.85	19 tickets and 19 transactions
049230515 - SANMARTIN-GALAN, FELIPE	7.455	4.29	8.635	6.793	$160.00	$1,267.35	$1,427.35	32 tickets and 32 transactions
247323051 - SAUCIER, JUSTIN,A	2.700	3.885	4.325	3.637	$65.00	$459.00	$524.00	13 tickets and 13 transactions
206713860 - DEVOID, JULIE,ANN	6.040	3.44	4.92	4.800	$255.00	$1,026.80	$1,281.80	51 tickets and 51 transactions
111449468 - GAGNON, ROSEMARIE,D	3.760	4.980	6.105	4.948	$135.00	$639.20	$774.20	27 tickets and 27 transactions
164727933 - SHEA, BRYAN,J	3.470	4.830	8.930	5.743	$160.00	$589.90	$749.90	32 tickets and 32 transactions
194352891 - BILODEAU, GARY,T	3.430	5.075	7.120	5.208	$235.00	$583.10	$818.10	47 tickets and 47 transactions
013280993 - ECKSTROM, JOHN,F	2.835	5.130	8.525	5.497	$65.00	$481.95	$546.95	13 tickets and 13 transactions
138330766 - HENDERSON, KAYLA MARIE R	7.810	5.295	0.5	4.535	$150.00	$1,327.70	$1,477.70	30 tickets and 30 transactions

PERMIT HOLDERS RECLASSIFIED RESIDENTIAL TO RESIDENTIAL TEIR II						
Pass Number/Name	Tons 2025-2024	Tons 2024-2023	Tons 2023-2022	Tons 3 YR Ave	Disposal Amount	Transactions
087907497 - RANDALL, MARK M	4.985	22.87	10.505	12.787	$514.20	14 tickets and 14 transactions
189447019 - CARR, BRANDI	5.21	20.63	0	8.613	$537.00	16 tickets and 16 transactions
BRISTOL ARC - Bristol Adult Resource Center	15.825	10.09	4.835	10.250	$1,482.00	71 tickets and 71 transactions
094946163 - BALABAN, BARRY	2.54	10.055	2.825	5.140	$268.80	6 tickets and 6 transactions
158518016 - KHANDAKER, MUHAIMIN	4.72	9.79	5.81	6.773	$512.40	9 tickets and 9 transactions
247869304 - CANALES, ALEX	3.735	9.34	0	4.358	$388.20	10 tickets and 10 transactions
119026137 - TARTT, CALVIN	7.36	8.95	0	5.437	$622.80	44 tickets and 44 transactions
096095337 - GORNEAULT, JASON A	2.97	6.31	6.64	5.307	$210.00	27 tickets and 27 transactions
218908013 - CORREA-FAREZ, LUIS,F	3.12	4.51	7.19	4.940	$294.60	15 tickets and 15 transactions
237533236 - LANDRETTE, ALBERT***	3.36	2.005	2.78	2.715	$307.80	19 tickets and 19 transactions
234908842 - HYNICK, MARK,M	5.26	2.48	0	2.580	$511.20	20 tickets and 20 transactions
139612629 - PERES MENDEZ, EDWIN	9.155	2.34	0	3.832	$984.60	19 tickets and 19 transactions
066319688 - DEVOID, STEVEN	3.84	2.315	0	Permit Less than 3 years	$297.60	29 tickets and 29 transactions
246457872 - PRATT, SHARON,B	5.28	2.3	2.775	3.452	$597.60	6 tickets and 6 transactions
219374406 - GRIGEREK, CYRUS	3.59	2.23	0	Permit Less than 3 years	$321.60	19 tickets and 19 transactions
087960822 - DESS, JUSTIN	3.845	2.165	4.05	3.353	$425.40	6 tickets and 6 transactions
246017220 - PLOURDE, MICHELLE	6.105	2.155	0.625	2.962	$450.00	52 tickets and 52 transactions
088707774 - OSULLIVAN, BRANDON	5.41	2.11	0.27	2.597	$405.60	42 tickets and 42 transactions
048163796 - GALINDO, DOMINICK	6.205	1.925	0.98	3.037	$588.60	27 tickets and 27 transactions
029450623 - QOSHJA, DORINA	7.12	1.875	6.015	5.003	$760.20	16 tickets and 16 transactions
237071367 - CRITCHLEY, JORDAN	14.165	1.785	0	5.317	$1,465.80	39 tickets and 39 transactions
138532215 - MEDINA, JOSE C	6.44	1.76	0.825	3.008	$539.40	41 tickets and 41 transactions
109055957 - FIGUEROA, ALEXIS	9.43	1.735	0	3.722	$632.40	90 tickets and 90 transactions
237958933 - MYERS, MATTHEW,ERIC	7.22	1.615	1.225	3.353	$500.40	64 tickets and 64 transactions
049228930 - FRANCO-ACEVEDO, MARIA,JOSE	4.925	1.315	4.29	3.510	$493.80	17 tickets and 17 transactions
132035493 - PERSICHILLI, ROBERT,R	2.755	1.065	5.055	2.958	$228.60	17 tickets and 17 transactions
106345101 - YETKE, THOMAS,J	8.19	0.265	0.715	3.057	$741.00	42 tickets and 42 transactions
164708661 - ROY, KENNETH,A	6.47	0.2	3.65	3.440	$722.40	9 tickets and 9 transactions
226239647 - ELF, STEVEN,M	4.52	0.14	5.58	3.413	$361.80	34 tickets and 34 transactions
039325405 - PEREZ-HOLMES, SHEINAICE	15.81	0	0	5.270	$1,645.20	42 tickets and 42 transactions
151891782 - NAVITSKY, ROBERT	5.765	0	0	Permit Less than 3 years	$201.60	95 tickets and 95 transactions
169621798 - LORENZO RAMIREZ, RODOLFO	5.58	0	0	Permit Less than 3 years	$502.20	28 tickets and 28 transactions
124697156 - LEBOEUF, MARC	5.27	0	0	Permit Less than 3 years	$537.00	16 tickets and 16 transactions
189453082 - CORTES GONZALEZ, RICARDO L	4.835	0	0	Permit Less than 3 years	$390.60	32 tickets and 32 transactions
168274940 - QERIQI, ARTAN	4.46	0	0	Permit Less than 3 years	$475.20	10 tickets and 10 transactions
217589266 - LAVALLEE, DONALD	4.36	0	0	Permit Less than 3 years	$505.20	3 tickets and 3 transactions
157786404 - BENINCASA, BRETT M	3.68	0	0	Permit Less than 3 years	$387.60	9 tickets and 9 transactions
013392528 - TETRO, SUSAN,A	3.64	0	0	Permit Less than 3 years	$388.80	8 tickets and 8 transactions
189938833 - WARZOCHA FRANK JOHN JR	3.605	0	0	Permit Less than 3 years	$369.60	11 tickets and 11 transactions
197809030 - LANZA, SEAN	2.735	0	0	Permit Less than 3 years	$232.20	16 tickets and 16 transactions
149106094 - MENDOLIA, SAMANTHA	2.665	0	0	Permit Less than 3 years	$222.60	17 tickets and 17 transactions
193290552 - GOKEY, STEPHEN,A	2.51	0	0	Permit Less than 3 years	$172.80	22 tickets and 22 transactions

Department of Public Works | 860.584.6125

November 6, 2025

Mr. XXXX
YYYYYY
ZZZZZZ

Re: City of Bristol – Transfer Station Tier II Reclassification

Mr. XXXXXX

The Department of Public Works re-evaluates Transfer Station account holders' usage at the Transfer Station on a yearly basis, for the period from October 1 to October 1 of each year. Permit use is reviewed to determine heavy users of the transfer station. The current disposal costs and permit fees do not cover existing expenses, and approximately $472,070 of general tax dollars are used to cover transfer station operational costs. In order to reduce the burden on general taxpayers, the Department has reclassified any users disposing over 2.5 tons of material a year and have averaged over 2.5 tons per year over a three-year period as a Residential Tier II permit holder.

The purpose of this letter is to inform you that your account has been reclassified from a Residential permit to Residential Tier II permit or will remain classified as a Residential Teir II permit holder effective January 1, 2026.

In accordance with Residential Tier II permit your access and use of the transfer station will remain, however your disposal fees will increase as indicated below:

a. *Material disposal cost has been increased to $0.85/10 lbs., and free 100 lbs. per day is eliminated.*
b. *Continued free disposal of leaves, antifreeze (5 gal), oil (5 gal), fluorescent bulbs (10), paint (10 gal), 8 tires per year, 6 mattresses per year (max 4/day), electronics, metals, and acceptable single stream recyclables. Free disposal not applicable for loads/quantities larger than designated above or mixed (chargeable/non-chargeable) loads.*
c. *$5.00 gate fee charge for chargeable items.*
d. *Commercial Tier II permit holders are not be required to show ID to enter the transfer station.*
e. *Residential Permit Tier II holders are not be allowed behind the residential drop-off area, and will utilize the same disposal drop-off area as current residential permit holders.*
f. *No action is required on your part. A new permit will not be required*

Additional information is available on the City's Department of Public Works website, (City of Bristol, Departments, Public Works, Transfer Station, Tier II Residential Permits).

Please feel to contact me to discuss this matter, or express any concerns you may have at 860-584-6113.

Sincerely

Raymond A Rogozinski
Raymond A Rogozinski, P.E.
Director of Public Works

raymondrogozinski@bristolct.gov

Department of Public Works | 860.584.6125

November 6, 2025

Mr. XXXX
YYYYYY
ZZZZZZ

Re: City of Bristol – Transfer Station Reclassification – Residential Tier II to Residential

Mr. XXXXXX

The Department of Public Works re-evaluates Transfer Station account holders' usage at the Transfer Station on a yearly basis, for the period from October 1 to October 1 of each year. Permit use is reviewed to determine heavy users of the transfer station. The current disposal costs and permit fees do not cover existing expenses, and approximately $472,070 of general tax dollars are used to cover transfer station operational costs. In order to reduce the burden on general taxpayers, the Department has reclassified any users disposing over 2.5 tons of material a year and have averaged over 2.5 tons per year over a three-year period as a Residential Tier II permit holder.

We previously re-classified your permit as a Residential Tier II permit due to past usage. The purpose of this letter is to inform you that based on our annual re-evaluation of your usage, **your account has been reclassified back to a Residential permit**. Please note:

a. *No action is required on your part. A new permit will not be required.*
b. *Material disposal cost has been reduced to $0.60/10 lbs., and free 100 lbs. per day is reinstated.*
c. *Continued free disposal of leaves, antifreeze (5 gal), oil (5 gal), fluorescent bulbs (10), paint (10 gal), 8 tires per year, 6 mattresses per year (max 4/day), electronics, metals, and acceptable single stream recyclables. Free disposal not applicable for loads/quantities larger than designated above or mixed (chargeable/non-chargeable) loads.*
d. *$5.00 gate fee for chargeable items is removed*
e. *Residential permit holders are required to show ID to enter the transfer station.*

Please feel to contact me to discuss this matter, or express any concerns you may have at 860-584-6113.

Sincerely

Raymond A Rogozinski

Raymond A Rogozinski, P.E.
Director of Public Works
raymondrogozinski@bristolct.gov

NOTICE

DEPARTMENT OF PUBLIC WORKS

TRANSFER STATION

Dated January 9, 2025

The Department of Public Works has completed its yearly evaluation of transfer station permit holders. Each year, the Department calculates the total amount of chargeable material deposited at the transfer static by each permit holder to identify high users of the transfer station. High users are defined as residential permit holders that deposit more than 2.5 tons of chargeable material within a year, and deposited more tha an average of 1.5 tons of chargeable material at the transfer station within the two prior years.

Transfer station high users are reclassified as Commercial Tier II permit holders, and are charged a higher rate to deposit material at the transfer station. These permit holders are charged a gate fee of $5.00 per load and $0.85 for each 10 pounds of chargeable material deposited at the transfer station. All recyclable materials and leaves are currently free to deposit at the transfer station, and will remain free to deposit.

The City re-evaluates ALL permit holders each year. There are currently 11,115 transfer station permit holders. Based on this year's evaluation, 131 residential permit holders were reclassified as high users, and will be charged higher rates. In addition, 137 high-use permit holders previously reclassified as Commercia Tier II last year have been returned to standard residential permit holder status.

If you HAVE NOT received a letter from the City regarding reclassification of your permit, you ARE NOT impacted by this policy, and there is NO change in your permit status. This notice is for informational purposes only.

If you have any questions, please feel free to contact the Department of Public Works at 860-584-6125.

Department of Public Works | 860.584.6125

MEMORANDUM

DATE: November 5, 2025

TO: Mayor Ellen Zoppo-Sassu
Board of Public Works
Bristol Police Department

FROM: Raymond A. Rogozinski, P.E., Director of Public Works

RE: **DPW SPECIAL EVENT TRAFFIC CONTROL SERVICES – APPLICATION FEE & CHARGES**

The duties of the Traffic Signal Technician were transferred from the Police Department to the Department of Public Works effective July 1, 2025. The duties included, in part, traffic control measures associated with special community events. A "special event" that utilizes City property or services is reviewed and approved by number of City Departments, such the Police, Health, Park, Fire, and Public Works Department.

A typical "special event" includes activities such as 5k races, car shows, block parties on City streets, or the use of City-owned parking lots. Typical services provided by the Department of Public Works in support of special events consist of: providing solid waste barrels, closing streets, or installing traffic control barricades on City streets.

The purpose of this memorandum is to review current City services as it pertains to special event road closures and/or barricade installation on City streets. The City's Special Event application (attached) includes a section where the applicant can request a road closure/barricade. In addition, based on a review of the event by the Bristol Police or the Public Works Department, if a special event impacts the City street traveling lane or traffic pattern, a road closure or installation of barricades may be required. The primary purpose of road closures and barricade installation is to protect those participating in the special event and to safeguard vehicle traveling on City streets.

As an example, the Department has received a special event application to conduct a carol sing on Main St on Sunday, December 16. The carol sing applicant is NOT the BOE, however, it is my understanding that students will be participating. As part of the event, Main Street will be closed from Riverside Ave to Prospect St. As indicated on the attached plan, traffic control for the event will not be limited to the installation of barricades at the intersections of Main St at Riverside Ave and Main St and Prospect St. Traffic control will include the installation of traffic cones at right & left turn lanes of the Main St at Riverside Ave traffic signal.

In order to ensure that adequate traffic control is installed, plans must be prepared, reviewed, and approved as part of the Special Event permit process, and procedures must be taken to ensure that the required traffic control measures are installed to safeguard both participants and vehicles on City streets.

Prior to approximately 2-3 years ago, Police uniformed officers and traffic technician services were provided in support of the special event at no cost to the special event applicants. Since that time, the Police Department have charged special event applicants a fee corresponding to the cost of traffic control services. Since most, if not all, special events occur during non-working hours, such as the weekend, the work is performed on an overtime basis. Pursuant to current union contracts, staff working scheduled overtime are paid a minimum of 4 hrs. With setup and takedown traffic control, special events typically last 6 hrs. Therefore, the fee charged by DPW for traffic control at special events is approximately $337.68 to $450.24 for a 6-hr. event occurring on a Saturday or a Sunday, respectively.

As Director of Public Works, I support community special events and truly believe they add to the character of the City. With that said, a community event attended by only a small percentage of the City's population should not be supported by general taxpayers, and I believe that City costs to support a special event should be paid for by the special event applicant. I also believe that traffic control is required to protect both participants of the event and vehicles traveling on City streets. Therefore, in order to ensure the work is performed in accordance with the approved plan, traffic control measures should be installed by City staff. Potential measures to mitigate the cost of traffic control for special event applicants are listed below:

1. Allow traffic control to be installed by licensed and bonded contractors. Said contractors shall apply for and obtain an excavation permit. DPW currently allows licensed and bonded contractors to close City roads during construction in accordance with DPW-issued excavation permits. Allowing a contractor (non-city staff) to close and install barricades on City streets for special events would NOT extend to an evaluation of individual members participating in the special event. For example, it has been stated by special event applicants that a police officer or construction worker will be attending the event and has volunteered to close the road or install barricades. DPW sees the evaluation of individual skillsets as an administrative burden and not feasible. In addition, licensed contractors are bonded. Another concern with utilizing contractors is that they may charge the special event applicants a fee.
2. Allow special event applicants to remove traffic control barricades and cones to reduce cost. Particularly if events exceed a duration of 8 hours. If allowed/approved, applicants would be required to move barricades and/or cones off the road that would be collected on the next normal work day.
3. Establish a policy to waive City traffic control fees for designated special events on a case-by-case basis. The concern is that all applicants feel their special event provides a particular public benefit, and differentiating the benefits of one special event from another will be a challenge.

Additional issues associated with special events and the closure of roads is access to properties within the section of closed roads. The City receives complaints from N. Main residents during the car show, James P Casey Road residents when the soap box derby race is conducted, and from the Mem Blvd businesses (west end) when Mem Blvd is closed. In addition to signage, it should be a requirement of the special event permit that road closure barricade be manned, by the special event applicant, during the operation of the event to ensure residents can reach their property.

It should also be noted that DPW evaluates traffic control requirements on a case-by-case basis. DPW did not require DPW staff to install cones during the recent Mum-a-Thon road race since the

cones were installed between the white edge line and curb line and did not impact the vehicle travel way. In addition, there are events that the Bristol Police classify as a safety concern and require DPW to install “hard barricades” such as concrete as road closures. These types of barricades are installed by the DPW Street Division using heavy equipment and must be coordinated with wooden barricades and removed immediately after the event. The cost to perform this work increase cost and is charged to applicants (labor only).

Please feel free to contact me at 860-584-6113 regarding any questions or concerns.

Department of Public Works | 860.584.6125

Special Event – Permit Application

REQUESTS SHOULD BE SUBMITTED A MINIMUM OF 45 DAYS BEFORE THE EVENT

A SITE PLAN SHOWING THE LAYOUT OF THE EVENT MUST BE ATTACHED

Event Name: _____

Requested Location: _____ Entry Ticket Price: _____

Date(s): _____ Rain Date: _____

The Following information must be provided for all applicants. Additional pages may be attached hereto.

Applicant Name: _____

Applicant Address: _____

Phone Number: _____ Email Address: _____

Sponsor/Organization Name: _____ ☐ Non-Profit ☐ For Profit

Sponsor/Organization Address: _____

TIME OF EVENTS				
	Start Date	**Start Time**	**End Date**	**End Time**
Setup and Prepare				
Actual Event				
Clean up and Close				

ESTIMATED ATTENDANCE FIGURES			
Expected attendance:		Volunteers	
Vehicles:		Number of Vendors/ Booths	

Event Description: (if your description is longer than the space provided please feel free to attach a description at the end, when attachments are requested.)

Insurance Requirements: To hold an event on City property - a minimum of $1,000,000 combined single limit Bodily injury, property damage per occurrence and $2,000,000 aggregate coverage. The City of Bristol must be named as additional insured. Please attach COI with the Application. Your Application will not be processed without the COI.

Return application and COI:

City of Bristol
Public Work Department
111 North Main Street
Bristol, CT 06010
www.bristolct.gov

Special Features

Will the event include any of the following? ☐ Yes ☐ No

If yes, the event features may require an inspection and special permit/license from the Fire and/or Health Departments.

SPECIAL FEATURE	YES	NO	NOTES
Will Food or Beverage be offered ****Food vendors must be approved and licensed by BBHD****			
Tents / Canopies (sizes)			
Open Flame/ Cooking			
Fireworks			
Temporary Fencing / Structures			
Will there be Amplified Music			
Will there be items for Sale			
First Aid area			
Portable Restrooms/ Waste Control			
Carnival/Amusement Rides			
Inflatables			
Street closure			
Sidewalk Closure			
Public Parking Lot Closure			
Traffic Control Requested (additional Fee may apply)			

Police Chief may determine that Traffic Control is required even if not requested.

Public Street closure requested: ☐ Yes ☐ No Street Name: _____

Closure location beginning at (Street Name) : _____

Ending at (Street Name): _____

Who will be responsible for security/safety at the event: _____

Barricades needed to block traffic ☐ Yes ☐ No

Rubbish Disposal:

☐ Applicant will be responsible ☐ Applicant requests City of Bristol containers & disposal (additional fee may apply)

# of Rubbish Barrel(s)_____ # of Recycle Barrel(s)_____

Alcoholic Beverages:

No alcoholic beverages will be allowed for sale or consumed at the site of the event. The applicant agrees to publicize the no alcoholic beverages restriction in their event notices, tickets and site signage.

Hold Harmless Clause:

Applicant agrees to hold the City of Bristol harmless and will indemnify the City of Bristol for damages sustained as a result of an injury or property damage for which the City of Bristol may be held responsible, resulting from the event identified in the agreement for the use of City property. I will abide by all policies, rules, regulations and conditions of use as written. I understand that the special event permit is not transferable to any other individual or group.

Signature of Applicant: _____ Date:_____

******* City Use Only *******

OFFICIAL	COMMENTS	Signature
Comptroller (Insurance Review) ☐ Approved ☐ Denied		
Parks & Recreation ☐ Approved ☐ Denied		
Fire Chief ☐ Approved ☐ Denied **Fire Marshal** (if applicable) ☐ Approved ☐ Denied		
Police Chief ☐ Approved ☐ Denied **Police Traffic Control** (if applicable) ☐ Approved ☐ Denied		
Health District ☐ Approved ☐ Denied		
* The Bristol Burlington Health District must approve the Food Vendors or they will not be permitted to offer food at this event. Applicant is responsible for having food vendors contact the BBHD. (860) 584-7682		
Public Works ☐ Approved ☐ Denied		

FULLY APPROVED:	DATE:
Any Conditions of Approval:	

Return application and COI:

City of Bristol
Public Work Department
111 North Main Street
Bristol, CT 06010
www.bristolct.gov

Full Extent Zoom In Zoom Out Prev Extent Next Extent Pan **Parcel Informatio**

MapXpress v1.2

LEGEND
= BARRICADE
X CONES

Raymond Rogozinski

From: Ulric Berube
Sent: Friday, November 7, 2025 1:42 PM
To: Raymond Rogozinski
Cc: Matthew Moskowitz; Anthony Lorenzetti
Subject: RE: DPW BPW Special Event Road Closures / Barricades

Ray,

This document with all of your thoughts and considerations is very well written/presented.

Lieutenant Ulric F. Berube
Traffic Division Commander
Bristol Police Department
131 North Main Street
Bristol, Connecticut 06010
860-584-3030 Office
Email: UlricBerube@BristolCT.gov

From: Raymond Rogozinski <RaymondRogozinski@bristolct.gov>
Sent: Thursday, November 6, 2025 5:14 PM
To: Ulric Berube <ULRICBERUBE@bristolct.gov>
Cc: Matthew Moskowitz <MatthewMoskowitz@bristolct.gov>; Anthony Lorenzetti <AnthonyLorenzetti@bristolct.gov>
Subject: DPW BPW Special Event Road Closures / Barricades

FYI

From: Emily Oparowski <EmilyOparowski@bristolct.gov>
Sent: Thursday, November 6, 2025 3:46 PM
To: Raymond Rogozinski <RaymondRogozinski@bristolct.gov>
Subject: Re: DPW BPW Special Event Road Closures / Barricades

Bristol CONNECTICUT Public Works

Emily Oparowski

Accounts Payable

Department of Public Works | 860.584.6125

MEMORANDUM

DATE: November 10, 2025

TO: Mayor Ellen Zoppo-Sassu
Board of Public Works
Bristol Police Department
Corporation Counsel

FROM: Raymond A. Rogozinski, P.E., Director of Public Works

RE: **DPW NON-FUNCTIONING TRAFFIC SIGNAL TEMPORARY STOP SIGNS**

The City has historically installed temporary stop signs when a traffic signal is not functional. The primary reason of a non-functional traffic signals is loss of electrical power or vehicle accidents damaging the electrical supply box. For the purpose of this memorandum, a non-functional traffic signal DOES NOT include when the signal is on flash. Non-functional means the traffic signal is dark with no lights whatsoever.

The City's current response to "dark" traffic signals is to install temporary stop signs. Typically, temporary stop signs are installed at both the curb line and road/street centerline. There are 73 traffic signals (attached), 32 City-owned, and 41 State-owned. It should be noted that a number of City-owned traffic signals are located at State intersections, and although owned by the City, operation/control over the signal is managed by the State, and any modifications or work on these traffic signals require a permit from the State.

Since assuming responsibility of traffic signal maintenance and traffic control on July 1, 2025, DPW has installed temporary stop signs at non-functional traffic signals on six (6) occasions. Four (4) of the non-functioning signals occurred on State roads. DPW's initial concern was the Department's overtime cost associated with installing and removing temporary stop signs at the location of non-functioning State traffic signals. Depending on the length of the signal outage and the day of the occurrence, the cost can be anywhere from $740 to almost $1,000 if the outage occurs on a Sunday or holiday (double time). DPW's specific concern has been: why is the City incurring overtime costs to service a State-owned traffic signal?

In response, the State indicated that they do not install temporary stop signs and do NOT support or recommend that municipalities install temporary stop signs. As indicated in the attached email, the State's position consists of the following:

Sec. 14-299b. Inoperative traffic control signal. *The driver of a vehicle approaching an intersection controlled by a traffic control signal that is inoperative shall stop such vehicle and proceed in the same manner as though a stop sign were facing in each direction at the intersection, unless otherwise directed by a police officer. Violation of this section shall be an infraction.*

Response from DOT Traffic Engineering:

I don't think there is an official position on the Town's potential use of temporary stop signs in the instance of a full power outage. Our opinion is that the City should rely on the statute and not use temporary stop signs because they don't know when power will be restored. When power is restored, then you could have an approach that is flashing yellow but a temporary stop sign facing it too. That isn't good.

To clarify:

1. *CTDOT does not install temporary stop signs for inoperative signals*
2. *I have seen instances where the Town does install them, but it is my opinion that they should not be doing that due the scenario of power being restored but the temporary stop sign is still in place*
3. *State Statute indicates motorists shall stop when approaching inoperative traffic signals.*

The primary concern with installing temporary stop signs at non-functioning traffic signals is having both stop signs and operational traffic signals at intersections when power returns to the traffic signal, resulting in conflicting direction to vehicles. In other words, once power comes back on at a non-functioning "dark" traffic signal, there will be stop signs during the green light phase of traffic signal.

Based on an initial review of DOT's recommendation, the Police Department supports the DOT's recommendation to not install temporary stop signs at non-functioning traffic signals. As a member of UConn's T2 Technology Committee for Traffic Signals, I queried the Committee on the procedures that other towns follow to implement as best practice. Potential options consist of the following:

1. Follow the State DOT recommendation by no longer installing temporary stop signs at non-operational "dark" traffic signals
2. Minimize the potential of creating conflicting directions (having stop signs at a green light) by performing the following:
    a. Have the Police Department remove stop signs when power comes back on, or less practical, have DPW available to remove stop signs when power returns.
    b. Turn traffic signal off until power is restored and stop signs are removed. This is not an option for State-owned traffic signals. A deviation of this option is to place the traffic signal on flash and install a stop sign only on the red flash signal movement.
3. Maintain current procedure of installing temp stop signs. As indicated, this creates and increases the potential of rear-end collisions, but may reduce the potential of high hazard collisions. This option potentially increases City liability due to City action. The City of Torrington's insurance carrier appears to specifically prohibit this action.

The Department of Public Works has reviewed this issue with Corporation Counsel on October 30, 2025 and recommended the following action:

Approve a Board of Public Works referral to the Board of Finance Insurance Committee requesting input from the City's insurance carrier regarding the installation of temporary stop signs at nonfunctioning traffic signals. As indicated in DPW's 11/10/25 memorandum to the BPW, it appears municipal insurance carriers have prohibited the use of temporary stop signs at traffic signals.

Please note that Bristol Police and Corporation Counsel have been included on this correspondence and please feel free to contact me at 860-584-6113 regarding any questions or concerns.

CT DOT RESPONSE

Raymond Rogozinski

From: Julian, Barry T <Barry.Julian@ct.gov>
Sent: Thursday, October 30, 2025 9:36 AM
To: Raymond Rogozinski
Cc: Ulric Berube
Subject: RE: Bristol - DPW Installation of Temporary Stop Signs at State Traffic Signals

Good morning,

Sec. 14-299b. Inoperative traffic control signal. The driver of a vehicle approaching an intersection controlled by a traffic control signal that is inoperative shall stop such vehicle and proceed in the same manner as though a stop sign were facing in each direction at the intersection, unless otherwise directed by a police officer. Violation of this section shall be an infraction.

Response from Gregory Palmer (Traffic Engineering):

I don't think there is an official position on the Town's potential use of temporary stop signs in the instance of a full power outage. Our opinion is that the City should rely on the statute and not use temporary stop signs because they don't know when power will be restored. When power is restored, then you could have an approach that is flashing yellow but a temporary stop sign facing it too. That isn't good

To clarify:

- CTDOT does not install temporary stop signs for inoperative signals
- I have seen instances where the Town does install them, but it is my opinion that they should not be doing that due the scenario of power being restored but the temporary stop sign is still in place
- State Statute indicates motorists shall stop when approaching inoperative traffic signals.

Let me know if you have any further questions.
Thanks,
Barry

From: Raymond Rogozinski <RaymondRogozinski@bristolct.gov>
Sent: Wednesday, October 29, 2025 4:23 PM
To: Julian, Barry T <Barry.Julian@ct.gov>
Cc: Ulric Berube <ULRICBERUBE@bristolct.gov>
Subject: Bristol - DPW Installation of Temporary Stop Signs at State Traffic Signals

EXTERNAL EMAIL: This email originated from outside of the organization. Do not click any links or open any attachments unless you trust the sender and know the content is safe.

Bristol DPW has been asked on several occasions to install temporary stop signs at State traffic signals when they are not operational (accidents or power outages). It happened as recently as today at the intersection of Enterprise Drive and CT Route 229 (Middle St). Since they are State traffic signals, I do not know why Bristol is performing the installation of temp stop signs. One reason that I was given, is that the DOT does not have temp stop signs. If that is the case, Bristol would provide the local DOT garage a number of temp stop signs.

Please give me a call to discuss or (if possible) direct me to the correct DOT contact.

BRISTOL PD RESPONSE

Raymond Rogozinski

From: Matthew Moskowitz
Sent: Friday, October 31, 2025 2:13 PM
To: Raymond Rogozinski; Ulric Berube
Subject: RE: Bristol - DPW Installation of Temporary Stop Signs at State Traffic Signals

Ray,

I would take the guidance from the State on this. In the event of a total outage, we may want to post the statutory information on social media and within press releases as a reminder. I can have our Traffic Division place this out on social media as a public safety announcement as we head into winter.

Deputy Chief Matthew Moskowitz
Bristol Police Department
Operations Commander
131 North Main Street Bristol, CT. 06010
860-584-3020

From: Raymond Rogozinski <RaymondRogozinski@bristolct.gov>
Sent: Thursday, October 30, 2025 7:03 PM
To: Ulric Berube <ULRICBERUBE@bristolct.gov>; Matthew Moskowitz <MatthewMoskowitz@bristolct.gov>
Subject: Fwd: Bristol - DPW Installation of Temporary Stop Signs at State Traffic Signals

Email from DOT. Does PD have a position. It is my understanding that when a light has gone out the dot has requested that the city install temp stop sign.

Available to discuss.

Sent from my iPhone

Begin forwarded message:

> **From:** "Julian, Barry T" <Barry.Julian@ct.gov>
> **Date:** October 30, 2025 at 9:36:20 AM EDT
> **To:** Raymond Rogozinski <RaymondRogozinski@bristolct.gov>
> **Cc:** Ulric Berube <UlricBerube@bristolct.gov>
> **Subject: RE: Bristol - DPW Installation of Temporary Stop Signs at State Traffic Signals**
>
> **Good morning,**
>
> **Sec. 14-299b. Inoperative traffic control signal.** The driver of a vehicle approaching an intersection controlled by a traffic control signal that is inoperative shall stop such vehicle and proceed in the same manner as though a stop sign were facing in each direction at the intersection, unless otherwise directed by a police officer. Violation of this section shall be an infraction.

Raymond Rogozinski

From: Ulric Berube
Sent: Friday, November 7, 2025 2:06 PM
To: Raymond Rogozinski; Matthew Moskowitz
Cc: Anthony Lorenzetti
Subject: RE: DPW BPW Temp Signs

Ray,

Concerning the potential option, "Have the Police Department remove stop signs when power comes back on, or less practical, have DPW available to remove stop signs when power returns." Murphy's (my cousin) Law says the PD will be inundated with calls and have no one available to immediately respond and remove the temporary stop signs when the power comes back on. However, with the intention to save the City money in overtime pay to PW employees it is more economical to have the PD remove the temporary stop signs even if it is not immediately after power has been restored. Of course, we run the risk, as has been discussed, to have the lights working properly and the temporary stop signs being in place for a while until they can be removed. There is no perfect solution. I strongly agree with your recommended action of requesting, through the channels you listed, the City's insurance carrier's input.

Lieutenant Ulric F. Berube
Traffic Division Commander
Bristol Police Department
131 North Main Street
Bristol, Connecticut 06010
860-584-3030 Office
Email: UlricBerube@BristolCT.gov

From: Raymond Rogozinski <RaymondRogozinski@bristolct.gov>
Sent: Thursday, November 6, 2025 5:14 PM
To: Ulric Berube <ULRICBERUBE@bristolct.gov>; Matthew Moskowitz <MatthewMoskowitz@bristolct.gov>
Cc: Anthony Lorenzetti <AnthonyLorenzetti@bristolct.gov>
Subject: FW: DPW BPW Temp Signs

FYI

From: Emily Oparowski <EmilyOparowski@bristolct.gov>
Sent: Thursday, November 6, 2025 3:28 PM
To: Raymond Rogozinski <RaymondRogozinski@bristolct.gov>
Subject: Re: DPW BPW Temp Signs

Raymond Rogozinski

From: Matthew Moskowitz
Sent: Friday, November 7, 2025 9:51 AM
To: Raymond Rogozinski
Cc: Ulric Berube
Subject: RE: DPW BPW Temp Signs

Ray,

This is a very nice summary of everything and is well articulated. Once you find out what the answer is, I will pass along the new direction to all lieutenants and our dispatch center.

Deputy Chief Matthew Moskowitz
Bristol Police Department
Operations Commander
131 North Main Street Bristol, CT. 06010
860-584-3020

From: Raymond Rogozinski <RaymondRogozinski@bristolct.gov>
Sent: Thursday, November 6, 2025 5:14 PM
To: Ulric Berube <ULRICBERUBE@bristolct.gov>; Matthew Moskowitz <MatthewMoskowitz@bristolct.gov>
Cc: Anthony Lorenzetti <AnthonyLorenzetti@bristolct.gov>
Subject: FW: DPW BPW Temp Signs

FYI

From: Emily Oparowski <EmilyOparowski@bristolct.gov>
Sent: Thursday, November 6, 2025 3:28 PM
To: Raymond Rogozinski <RaymondRogozinski@bristolct.gov>
Subject: Re: DPW BPW Temp Signs

Bristol CONNECTICUT Public Works

Emily Oparowski

Accounts Payable

Public Works Department

U CONN T2 COMMITTEE MEMBER INPUT / COMMENTS

Raymond Rogozinski

From: Eshraghi, Fred <FEshraghi@norwalkct.gov>
Sent: Monday, November 3, 2025 12:48 PM
To: Sergeant Baldis; Raymond Rogozinski; Corrao, Vanessa; Shea, Donna; Mccarthy, Mary; Hackett, Regina; Greene, Bethany; ~ENGR - CTI T2 Events; Frycz, Stephen Jr. (Traffic Maintenance); CJ Gandza; jmayer; ppandey; Patel, Santosh; Pothering, Ryan J; Veronesi, Daniel J.; Ricky.mears; Hughes, Jason; Wilson, Britton D.; carl.gandza; Ulric Berube
Subject: RE: Traffic Signal Circuit Rider Advisory Committee - Bristol Request for Information

Hi Dustin,
I hope all is well.

Thank you for sharing your perspective on dark signal operations and the associated liability concerns.

As a traffic engineer with over 25 years of experience, I understand and appreciate the position of both CIRMA and the City of Torrington regarding the challenges of managing dark intersections. While I agree that conflicting indications can create potential liability, I believe that temporary STOP signs, when managed correctly, can significantly improve safety for motorists when a signal is dark.

According to the MUTCD (Section 4N.02, 11th Edition, 2023), temporary STOP signs may be considered when an outage is expected to be extended, provided they can be promptly removed once power is restored. In situations where the outage duration is uncertain or likely prolonged, clear temporary control can reduce confusion and the risk of crashes caused by drivers who fail to treat a dark signal as an all-way stop.

The key, in my view, is having a crew available to remove the temporary signs immediately once the signal is restored, ensuring there are no conflicting indications.

An alternative and effective mitigation strategy, which we employ in the City of Norwalk, is the deployment of backup generators at critical intersections. This approach maintains continuous signal operation and eliminates the need for temporary signs or police presence.

I appreciate the discussion and the focus on balancing safety, practicality, and liability.

Thank you

Fred Eshraghi, CVP, SCI
City Traffic Engineer
Transportation Mobility Parking/TMP
my Linked in profile
I ♥ NORWALK
TRANSPORTATION
MOBILITY & PARKING

From: Sergeant Baldis <DBaldis@torringtonpd.org>
Sent: Friday, October 31, 2025 1:24 PM
To: Raymond Rogozinski <RaymondRogozinski@bristolct.gov>; Corrao, Vanessa <vanessa.corrao@uconn.edu>; Shea,

Donna <donna.shea@uconn.edu>; Mccarthy, Mary <mary.c.mccarthy@uconn.edu>; Hackett, Regina <regina.hackett@uconn.edu>; Greene, Bethany <bethany.greene@uconn.edu>; ~ENGR - CTI T2 Events <resource3107@ad.uconn.edu>; Eshraghi, Fred <FEshraghi@norwalkct.gov>; Frycz, Stephen Jr. (Traffic Maintenance) <SFrycz1@StamfordCT.gov>; CJ Gandza <cgandza@newbritainct.gov>; jmayer <jmayer@manchesterct.gov>; ppandey <ppandey@crcog.org>; Patel, Santosh <santosh.patel@ct.gov>; Pothering, Ryan J <ryan.pothering@ct.gov>; Veronesi, Daniel J. <daniel.veronesi@ct.gov>; Ricky.mears <Ricky.Mears@dot.gov>; Hughes, Jason <jason.hughes@uconn.edu>; Wilson, Britton D. <Britton.Wilson@ct.gov>; carl.gandza <carl.gandza@newbritainct.gov>; Ulric Berube <ULRICBERUBE@bristolct.gov>
Subject: Re: Traffic Signal Circuit Rider Advisory Committee - Bristol Request for Information

CAUTION: EXTERNAL Email: Don't open links or attachments from untrusted senders

This has been a long-fought conversation when it comes to "dark signals". We were taught when you get your license that a dark signal is a 4 way stop. It is the position of our insurance carrier, CIRMA, that they also concur that putting up temporary stop signs without a police officer present to remove those temp stop signs when power or the signal is immediately restored could lead to liability as you have signals dictating one indication and the big octagon providing another.

The City of Torrington does not promote or use temporary stop signs at state owned, or locally owned traffic signal-controlled intersections when they go dark. Unless absolutely necessary we, as police also don't respond to these due to flagging the intersection now committed as you are the traffic controller and end up not being able to leave until the signal is remedied.

Long and short, dark signals are on the operators to stop and proceed cautiously. Unfortunately, our current driving trends are not leading to this being done either.

Thanks.

Sgt. Dustin Baldis #312

Traffic Division

Torrington Police Department

576 Main Street

Torrington, CT. 06790

860.489.2019 (w) 860.601-5558

dbaldis@torringtonpd.org

From: Raymond Rogozinski <RaymondRogozinski@bristolct.gov>
Sent: Friday, October 31, 2025 11:49 AM
To: Corrao, Vanessa <vanessa.corrao@uconn.edu>; Shea, Donna <donna.shea@uconn.edu>; Mccarthy, Mary <mary.c.mccarthy@uconn.edu>; Hackett, Regina <regina.hackett@uconn.edu>; Greene, Bethany <bethany.greene@uconn.edu>; ~ENGR - CTI T2 Events <resource3107@ad.uconn.edu>; Sergeant Baldis

TRAFFIC SIGNALS

ROAD OWNER	SIGNAL OWNER	STATE NUMBER	PRIMARY STREET	SR	SR	SECONDARY STREET	OTHER
C	C		DIVINITY STREET			PECK LANE	SHOPPING CENTER
C	C		JAMES P CASEY ROAD			HILL STREET	
C	C		HILL STREET			MATTHEWS STREET	
C	C		RONZO ROAD			BIRCH STREET	
C	C		EMMETT STREET			REDSTONE HILL ROAD	
C	C		SOUTH STREET			UNION STREET	CHURCH STREET
C	C		SOUTH STREET			MAIN STREET	GEORGE STREET
C	C		SOUTH STREET			MELLEN STREET	
C	C		NORTH MAIN STREET			RIVERSIDE AVENUE	
C	C		NORTH MAIN STREET			LAUREL STREET	HOPE STREET
C	C		NORTH MAIN STREET			CENTER STREET	
C	C		BROAD STREET			EMMETT STREET	ANDREWS STREET
C	C		EMMETT STREET			ANDREWS STREET	FREDERICK STREET
C	C		STAFFORD AVENUE			SENIOR CENTER	CHARLES STREET
C	C		STAFFORD AVENUE			WASHINGTON STREET	CHURCH AVENUE
C	C		MAPLE STREET			WOODLAND STREET	FEDERAL STREET
C	C		CENTER STREET			MAPLE STREET	BELLEVUE AVENUE
C	C		JEROME AVENUE			MAPLE AVENUE	MIX STREET
C	C		STAFFORD AVENUE			STEVENS STREET	
C	C		STAFFORD AVENUE			MALTBY STREET	
C	C		WASHINGTON STREET			CENTRAL STREET	
C	C		EAST MAIN STREET			BROAD STREET	CENTRAL STREET
C	C		EAST MAIN STREET			LINCOLN AVENUE	
C	C		PINE STREET			CENTRAL STREET	DALEY STREET
C	C		PINE STREET			LINCOLN AVENUE	
C	C		PINE STREET			REDSTONE STREET	FORESTVILLE COMMONS
S	S		WOLCOTT STREET	69		WOLCOTT ROAD	PECK LANE
S	S	017-266	WOLCOTT STREET	69		TUTTLE ROAD	WOODARD PLACE
S	C		TERRYVILLE ROAD	72		CLARK AVENUE	
S	S	017-210	TERRYVILLE AVENUE	6		CLARK AVENUE	
S	S	017-255	MIDDLE STREET	229		ENTERPRISE DRIVE (S)	
S	S	017-211	TERRYVILLE AVENUE			MATTHEWS STREET	
S	S	017-267	MIDDLE STREET	229		RONZO ROAD	
S	S	017-260	MIDDLE STREET	229		ENTERPRISE DRIVE(N)	
S	S	017-221	MIDDLE STREET	229		REDSTONE HILL ROAD	CROSS STREET
S	S	017-258	MIDDLE STREET	229		BATTISTO ROAD	BUSINESS PARK ROAD
S	S	017-261	MIDDLE STREET	229		LAKE AVENUE	
S	S	017-201	MIDDLE STREET	229		MOUNTAIN ROAD	PINE STREET
S	S	017-270	PINE STREET	72		RIVERSIDE AVENUE	MITCHELL STREET
S	S	017-204	MIDDLE STREET	229		RIVERSIDE AVENUE	
S	S	017-269	KING STREET	229		BROAD STREET	
S	S	017-259	KING STREET	229		WEST WASHINGTON STREET	

S	S	017-271	PINE STREET	72		EMMETT STREET	
S	S	017-272	ROUTE 72	72		PINE STREET	TODD STREET
S	C		SOUTH STREET			WOLCOTT STREET	SOUTH STREET EXTENSION
S	S	017-256	MEMORIAL BOULEVARD	72		RIVERSIDE AVENUE	BLAKESLEE STREET /DOWNS STREET
S	C		RIVERSIDE AVENUE	72		MELLEN STREET	
S	S	017-226	SCHOOL STREET	72	69	WEST STREET	
S	C	017-257	RIVERSIDE AVENUE	72		MAIN STREET	
S	C	017-231	SCHOOL STREET	72		MAIN STREET	MEMORIAL BOULEVARD
S	C		SCHOOL STREET	72		NORTH MAIN STREET	CHURCH STREET
S	C		WEST STREET	69		CENTER STREET	HAVILAND STREET
S	S	017-233	TERRYVILLE AVENUE	6	69	WEST STREET	NORTH STREET
S	S	017-214	NORTH STREET	6	69	NORTH MAIN STREET	
S	S	017-215	NORTH STREET	6	69	BURLINGTON AVENUE	FARMINGTON AVENUE/MAPLE STREET
S	S	017-262	BURLINGTON AVENUE	69		LEWIS STREET	CURTISS STREET
S	S	017-240	BURLINGTON AVENUE			MAPLE AVENUE	PEACEDALE STREET
S	S	017-202	FARMINGTON AVENUE	6		RUSTIC TERRACE	SHOPPING CENTER
S	S	017-216	FARMINGTON AVENUE	6		OAKLAND STREET	LEWIS STREET
S	S	017-218	FARMINGTON AVENUE	6		JEROME AVENUE	KING PLACE
S	S	017-209	FARMINGTON AVENUE	6	229	KING STREET	SHOPPING CENTER
S	S	017-220	FARMINGTON AVENUE	6		COLUMBUS AVENUE	BRISTOL PLAZA
S	S	017-232	FARMINGTON AVENUE	6		MIX STREET	BROOK STREET
S	S	017-222	FARMINGTON AVENUE	6		STAFFORD AVENUE	
S	S	017-250	FARMINGTON AVENUE	6		HOME DEPOT AND STEVEN	
S	S	017-223	FARMINGTON AVENUE	6		SHOPPING CENTER SOUTH	
S	S	017-203	FARMINGTON AVENUE	6		SHOPPING CENTER NORTH	
S	S	017-268	FARMINGTON AVENUE	6		WALMART SOUTH	
S	S	017-252	FARMINGTON AVENUE	6		CAMP STREET	WASLEY WAY
S	S	017-273	ROUTE 72	72		CENTRAL STREET	
S	S	017-274	ROUTE 72	72		LINCOLN AVENUE	
S	C	017-206	KING STREET	229		WOODLAND STREET	KAREN STREET
S	S	017-207?	KING STREET	229		BRISTOL EASTERN HS	PAGE PARK
S	S	017-208	KING STREET	229		LOUISIANA AVENUE	MOODY STREET
S	S		PARK STREET	72		TULIP STREET	

Department of Public Works | 860.584.6125

MEMORANDUM

DATE: November 8, 2025

TO: Mayor Ellen Zoppo-Sassu
Board of Public Works
FROM: Raymond A. Rogozinski, P.E., Director of Public Works

RE: PLANNING COMMISSION REFERAL – STREET ACCEPTANCE OF PEQUABUCK ST (BARLOW TO CUL-DE-SAC), WIEGERT DRIVE, STELLAS WAY, AND GINO DRIVE (CUL-DE-SAC TO STELLAS WAY)

The City's Planning Commission has received a request from the developers of the Laurentide Glen Subdivision (Planning Application #413) to accept the following roads:

A. Pequabuck St from the intersection of Barlow St to the intersection of Gino Drive (approximately 1,035 ft Sta 30+15 to Sta 40+50)
B. Wiegert Way from the intersection of Barlow St to the intersection with Pequabuck St (approximately 626 ft Sta 50+00 to Sta 56+26)
C. Stellas Way from the intersection with Pequabuck St to the limits of finish pavement near the intersection of Gino Dr. (approximately 800 ft, Sta 60+00 to Sta 68+00)
D. Gino Drive from the limits of finish paving near the intersection with Stellas Way through the cul-de-sac at the north end of Gino Dr (approximately 1,005 ft, Sta 11+55 to Sta 21+60)

The Department of Public Works Engineering Division has inspected construction of the referenced roads including, but not limited to, the formation of rough grades, stormwater utilities, gravel and process base, street lights, along with asphalt pavement installation of the binder and finish course and sidewalk construction. Installation of potable water and sanitary sewer utilities is not part of DPW oversight and review, but are part of the Water/Sewer Commission's acceptance process.

The Planning Commission has referred this matter to the Board of Public Works to confirm that the referenced roadways comply with and were constructed in accordance with the approved

City of Bristol
Public Work Department
111 North Main Street
Bristol, CT 06010
www.bristolct.gov

subdivision plan and City street roadway ordinance. Based on DPW inspections, the roadway is in general compliance with the plans and City street ordinance. With that said, DPW requires the submittal of formal as-builts prepared by a licensed land surveyor, deposit into the storm water trust for constructed detention pond south west of Stellas Way, and cleaning of catch basin. In addition, DPW is concerned with the construction of the Gino Dr southern cul-de-sac. As indicated in the attached, it does not appear that the cul-de-sac was constructed within the proposed right of way and conforms with City standards. The cul-de-sac **IS NOT** part of the street acceptance request, however, DPW is concerned that accepting the portion of Gino Dr to the north will lower the probability of a resolution addressing the cul-de-sac in question.

Under the current roadway status, the roadways are not accepted City Streets and remain the responsibility of the developer. DPW provides solid waste collection services, however, the developer performs snow removal operations. **The roads will not be classified as City streets until City Council approves a formal motion to accept**. The roads have remained in the current status for approximately 2-3 years, and has resulted in questions pertaining to Police enforcement of vehicle violations.

The formal recommendation for Street acceptance will be forwarded to City Council by the Planning Commission once the Planning Commission receives a positive referral from both the Board of Public Works and Water/Sewer Commission. Once accepted, the current subdivision bond provided by the developer for construction of the road will be converted to maintenance bond that will be retained by the City to cover any roadway defects observed within the first year of City Council street acceptance.

Based on the roadway inspection performed by the Department of Public Works Engineering Division, DPW recommends the following BPW action accepting all requested roads except Gino Drive:

Forward a positive referral to the Planning Commission accepting the following roads:

A. Pequabuck St from the intersection of Barlow St to the intersection of Gino Drive (approximately 1,035 ft Sta 30+15 to Sta 40+50)
B. Wiegert Way from the intersection of Barlow St to the intersection with Pequabuck St (approximately 626 ft Sta 50+00 to Sta 56+26)

City of Bristol
Public Work Department
111 North Main Street
Bristol, CT 06010
www.bristolct.gov

C. Stellas Way from the intersection with Pequabuck St to the limits of finish pavement near the intersection of Gino Dr. (approximately 800 ft, Sta 60+00 to Sta 68+00)

Said approval shall be subject to the following conditions:

1. **Submittal of as-built surveys indicating compliance with approved subdivision plans and City Street Ordinance.**
2. **Sediment removal from all catch basins**
3. **Deposit to the Storm Water Trust in the amount of $65,000 for the long-term maintenance of the detention pond located south west of Stellas Way.**

DPW recommendation of street acceptance DOES NOT include Gino Dr from the northern cul-de-sac to the intersection of Stellas Way. Approval of Gino Dr shall be deferred, pending verification of the southern cul-de-sac construction in accordance with subdivision plans and City Street Ordinance. The DPW shall continue to provide solid waste collection on Gino Dr and provide snow removal operations on the roadway sections.

As indicated, DPW recommended Board action does not include the acceptance of Gino Drive due to concerns with the southern cul-de-sac. However, **the proposed Board action does include DPW snow operations of the road**. DPW snow operations are proposed to eliminate confusion associated with contractor & DPW plowing operations, and to ensure that current residents on Gino Dr are provided with snow removal services. In accordance with the proposed action, the City will retain a subdivision bond for Gino Dr.

If approved, the Board's action shall NOT be effective until City Council formally accepts the City streets. The roads shall remain the responsibility of the developer until City acceptance of roads as City streets is complete.

Please feel free to contact me with any questions or concerns at 860-584-6113.

City of Bristol
Public Work Department
111 North Main Street
Bristol, CT 06010
www.bristolct.gov

City of Bristol

BRISTOL, CONNECTICUT 06010
Planning Commission

DATE: October 28, 2025

TO: Board of Public Works

FROM: Bristol Planning Commission

RE: Application #413 – Subdivision - Laurentide Glen — Phase 5 & 6 — south of Arcadia Road and Martin Road, north of Farrell Avenue (26 lots); Assessor's Map 67, Lots 68, 69, 70, 71, 73 & 74 (Phase 5) and Lots 75-94 (Phase 6) and all paper roads shown on Assessor's Map; R-15/OSD (Single-Family Residential/ Open Space Development) zone.

The Bristol Planning Commission, at its meeting of October 27, 2025, approved the following motion with respect to the above captioned item:

"Move to make a referral the to the Board of Public Works for a report on the proposed street acceptances for Application #413 – the Laurentide Glen subdivision, for the following:

1. *Pequabuck Street from the intersection with Barlow Street to the intersection with Gino Drive (approximately STA 30+15 – STA 40+50).*

2. *Wiegert Way from the intersection with Barlow Street to the intersection with Pequabuck Street (approximately STA 50+00 – STA 56+26).*

3. *Stellas Way from the intersection with Pequabuck Street to the limits of finish paving near the intersection with Gino Drive (approximately STA 60+00 – STA 68+00).*

4. *Gino Drive from the limits of finish paving near the intersection with Stellas Way through the cul-de-sac at the north end of Gino Drive (approximately STA 11+55 – STA 21+60)."*

The report can be sent to the Land Use Office at City Hall.
The next Planning Commission meeting is: November 24, 2025 at 6:00 PM in the Council Chamber.

For questions or additional information, please contact:
City Planner – Robert M. Flanagan, AICP – City of Bristol Land Use Office at 860-584-6225.

cc: Raymond Rogozinski, P.E., Director of Public Works
Attorney Mark Ziogas (via e-mail)

21
20

Raymond Rogozinski

From: Raymond Rogozinski
Sent: Monday, October 27, 2025 4:01 PM
To: Jodi McGrane
Subject: FW: Laurentide

A developer is ready to provide a check to the storm water trust. To whom is the Check written too?

Available to discuss

From: Robert Flanagan <RobertFlanagan@bristolct.gov>
Sent: Monday, October 27, 2025 12:49 PM
To: Raymond Rogozinski <RaymondRogozinski@bristolct.gov>
Cc: Anthony Lorenzetti <AnthonyLorenzetti@bristolct.gov>
Subject: Laurentide

FYI from Mark.

From: Mark Ziogas <mziogas@CSMZLLC.COM>
Sent: Monday, October 27, 2025 12:41 PM
To: Robert Flanagan <RobertFlanagan@bristolct.gov>; RaymondRogozinski@ci.bristol.ct.us
Subject:

Robert and Ray: Gino says the As Built were done when the monuments were installed and he thought Todd Clark had sent them. He is checking with Todd. In regards to the Storm Water Test the upper detention basin is complete and they will send in the check for $65,000, please let us know who to make the check out to. In regards to the lower basin that is in the area of the earth removal and is not completed. Gino says he had a discussion with Ray and that deposit would be paid upon acceptance of the roads in Phase 5 and 6. You have bonds for the detention basin so the City is covered, but they have the check for the upper basin.

Mark Ziogas
Mark Ziogas Attorney at Law
88 Valley Street 2nd Floor
PO Box 1197
Bristol, CT 06010

Phone 860-589-4121
Fax 860-589-4966
Email mziogas@csmzllc.com

CONFIDENTIALITY STATEMENT: This e-mail (including attachments) is covered by the Electronic Communications Privacy Act 18 U.S.C. Sec 2510-2521 and is confidential. This confidential transmission may include attorney-client privilege, attorney work product, privileged medical, psychiatric, and/or drug treatment information intended only for the recipient(s) named above. Reading, disclosure, discussion, dissemination, distribution or copying of this information by anyone other than the intended recipient or their legal agents is strictly prohibited. If you have received this in error, please notify Mark Ziogas by e-mail or telephone. Thank you.

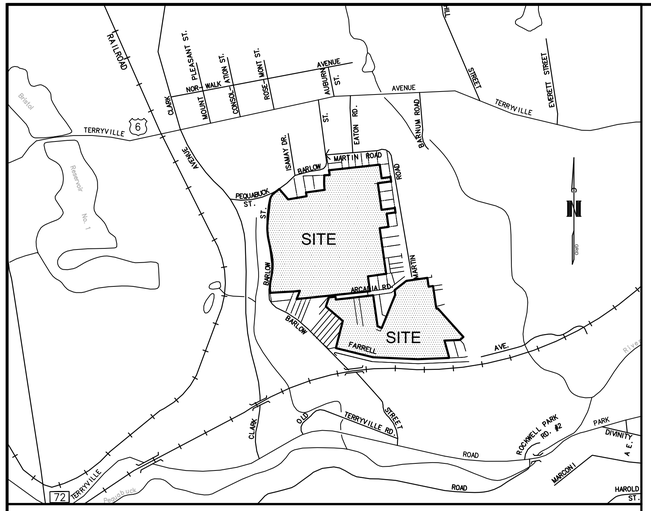
Full Town View | Reset Map | Search | Print | Select | Legend | Help | Base Maps / Air Photos | Map Layer

"LAURENTIDE GLEN"

A RESIDENTIAL OPEN SPACE SUBDIVISION

APPLICATION NO.: 413

APPROVAL DATE:



VICINITY MAP
SCALE: 1"=800'

0 200' 400' 800' 1600'

SHEET INDEX

COVER SHEET
CONCEPT DRAWING
OPEN SPACE & CONSERVATION EASEMENTS
PERIMETER BOUNDARY SURVEY
SUBDIVISION PLANS: P1 - P6
SITE DEVELOPMENT and SOIL EROSION & SED. CONTROL PLAN: GU-1 - GU-6
PLAN & PROFILE SHEETS: PRO 1 - PRO 7 (PRO-6 DELETED 10-15-18)
NOTES & DETAILS: DET1 - DET5
SIGNAGE & PAVEMENT MARKINGS PLAN: SPM-1 (ADDED 7-31-18 PER COMMENTS)
INTERSECTION GRADING PLANS: INT-1 - INT-2 (ADDED 7-31-18 PER COMMENTS)
CLARK AVE WATER MAIN PLAN: WATER-1
CITY CORRESPONDENCE: CORR-1 - CORR-2 (ADDED 10-15-18 PER COMMENTS)

ZONING TABLE - ZONE R-15/OSD

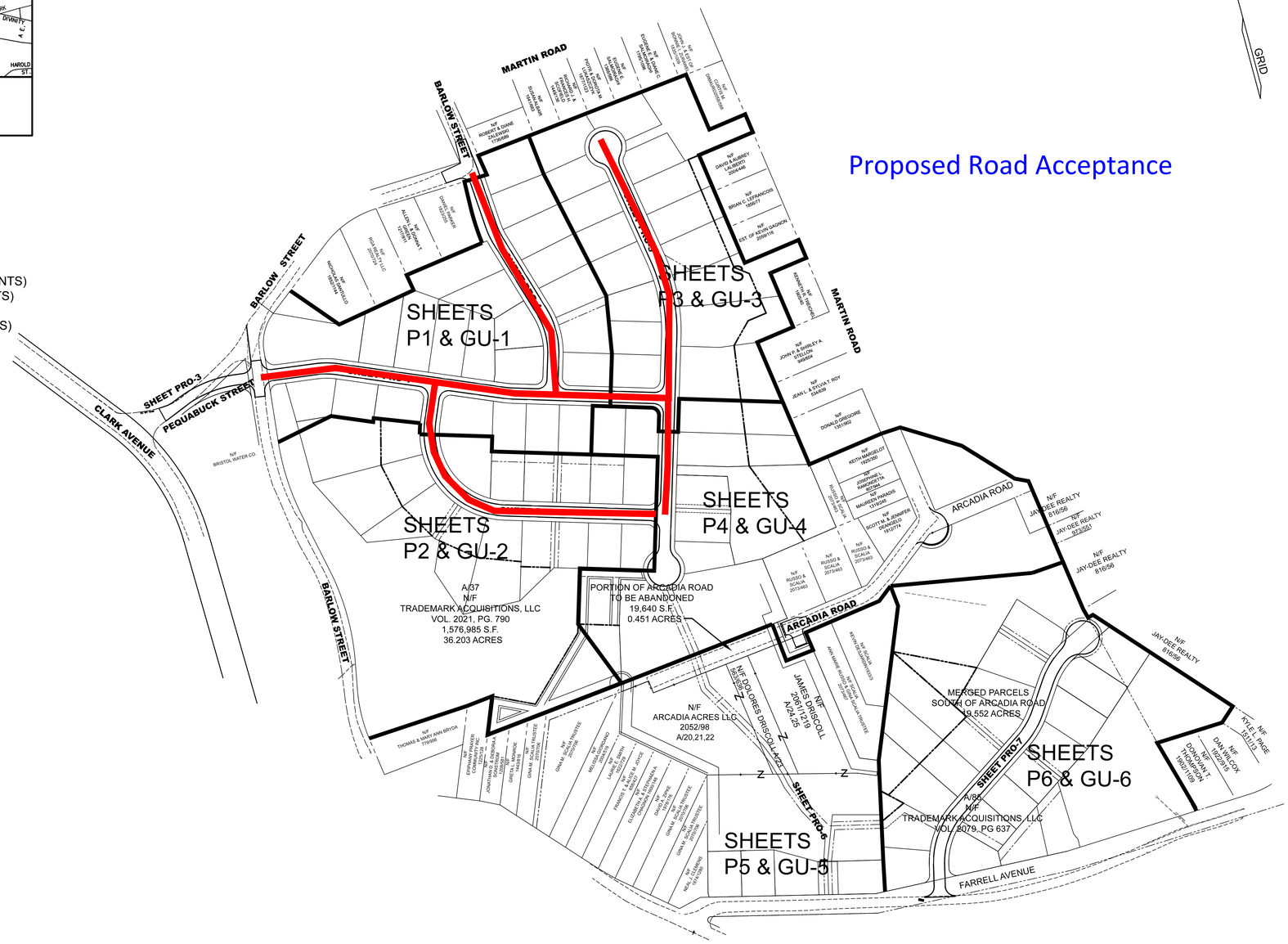
TOTAL AREA - 55.755 AC. (OWNED) + 0.451 AC. (ARCADIA) = 56.206AC
OPEN SPACE REQUIRED - 25% - 14.051 ACRES
OPEN SPACE/CONSERVATION EASEMENT PROVIDED - 25.1% -14.086 ACRES
TOTAL NUMBER OF PROPOSED LOTS - 92 (LOTS 64 & 67 DELETED, LOT 72 MOVED)
REAR LOTS PROPOSED - 5 (LOTS 49, 59, 66, 68 & 71)

	REQUIRED	PROVIDED
LOT AREA (MIN.)	10,000 S.F.	10,000 S.F. (MIN.)
REAR LOTS	15,000 S.F.	15,000+ S.F.
FRONTAGE	85'/76.5*	85'/77.67*(MIN.)
REAR LOTS	25'	25'
FRONT YARD	20'	20'
REAR LOTS	30'	30'
SIDE YARD	8'	8'
REAR YARD	20'	20'
LOT WIDTH	85'	85'

*10% REDUCTION PERMITTED ON UP TO 5 LOTS
UTILIZED ON LOT 74 (84.0') & LOT 84 (82.6')
10% LOT AREA REDUCTION UTILIZED ON LOT 31 (9,074 S.F.)

ABUTTING PROPERTY OWNERS

PARCEL ID	SITE ADDRESS	OWNER NAME	MAILING ADDRESS	MAILING CITY		ZIP
67-6	110 MARTIN RD	LALIBERTE DAVID + AUBREY NICOLE	110 MARTIN	BRISTOL	CT	06010
67-20	ARCADIA RD	ARCADIA ACRES LLC	106 NORTH ST	BRISTOL	CT	06010
67-36	MARTIN RD	RUSSO ANN MARIE + SCALIA GINA TRUSTEE	41 WOODBINE ST	BRISTOL	CT	06010
67-2	148 MARTIN RD	TREICHEL KENNETH R	148 MARTIN RD	BRISTOL	CT	06010
67-7	90 MARTIN RD	DIMAURO CURTIS M	90 MARTIN RD	BRISTOL	CT	06010
67-30	100 ARCADIA RD	RUSSO ANN MARIA + SCALIA GINA TRUSTEE	41 WOODBINE ST	BRISTOL	CT	06010
67-8	112 BARLOW ST	GIORDANO MELISSA	589 HAMILTON AVE	WATERTOWN	CT	06795
67-4	128 MARTIN RD	GAGNON KEVIN ESTATE OF	38 GRIEB RD	WALLINGFORD	CT	06492
67-5	120 MARTIN RD	LEFRANCOIS BRIAN C	120 MARTIN RD	BRISTOL	CT	06010
67-37-1	26 MARTIN RD	SCOFIELD RICHARD J + FRANCES H JNT TEN	PO BOX 888	STODDARD	NH	03464-0888
67-37-3	18 MARTIN RD	ALBAIR SUSAN	18 MARTIN RD	BRISTOL	CT	06010
67-46	180 MARTIN RD	GREGOIRE DONALD	180 MARTIN RD	BRISTOL	CT	06010
67-37A	300 BARLOW ST	RGA REALTY LLC	23 BETHEL ST	BRISTOL	CT	06010
67-5	124 BARLOW ST	MONROE GRETA L	124 BARLOW ST	BRISTOL	CT	06010
67-37B	264 BARLOW ST	BRYDA THOMAS AND MARY ANN SURV	264 BARLOW ST	BRISTOL	CT	06010
67-37C	424 BARLOW ST	ALLEN & DONNA T. GREEN	424 BARLOW ST	BRISTOL	CT	06010
67-31	92 ARCADIA RD	RUSSO ANN MARIE + SCALIA GINA TRUSTEE	41 WOODBINE ST	BRISTOL	CT	06010
67-29	112 ARCADIA RD	RUSSO ANN MARIE + SCALIA GINA TRUSTEE	41 WOODBINE ST	BRISTOL	CT	06010
67-7	BARLOW ST	SCALIA GINA M TRUSTEE U/T GINA M SCALIA	41 WOODBINE ST	BRISTOL	CT	06010
67-6	120 BARLOW ST	SCALIA GINA M TRUSTEE U/T GINA M SCALIA	41 WOODBINE ST	BRISTOL	CT	06010
67-4	128 BARLOW ST	SONSTROM JONATHAN D +DEBORA A SURV	7 BARLOW ST	BRISTOL	CT	06010
67-48	170 MARTIN RD	ROY JEAN L + SYLVIA T SURV	170 MARTIN RD	BRISTOL	CT	06010
67-9	52 MARTIN RD	SALMOIRAGHI EUGENE E + DIANE C	52 MARTIN RD	BRISTOL	CT	06010
67-37-4	42 MARTIN RD	SALMOIRAGHI EUGENE E	42 MARTIN RD	BRISTOL	CT	06010
67-37	BARLOW ST	TRADEMARK ACQUISITIONS LLC	72 COLD SPRINGS RD	BRISTOL	CT	06010
67-8	62 MARTIN RD	ZURAWEL JOHN J + BONNIE I ESTATE OF	62 MARTIN RD	BRISTOL	CT	06010
67-37-2	32 MARTIN RD	LUKASZCZYK PIOTR + DOROTA M	32 MARTIN RD	BRISTOL	CT	06010
67-3	134 BARLOW ST	EPIPHANY PRAYER COMMUNITY INC	134 BARLOW ST	BRISTOL	CT	06010
67-1	160 MARTIN RD	STELLON JOHN P + SHIRLEY A SURV	160 MARTIN RD	BRISTOL	CT	06010
67-53	444 BARLOW ST	PARKER DANIEL	444 BARLOW ST	BRISTOL	CT	06010
67-37-6	454 BARLOW ST	ZALEWSKI ROBERT + DIANE JNT TENANTS	5 SUNSET AVE	TERRYVILLE	CT	06786
67-37A-1	406 BARLOW ST	SANTULLO NICHOLAS	406 BARLOW ST	BRISTOL	CT	06010
67-26	107 ARCADIA RD	RUSSO ANN MARIE + SCALIA GINA TRUSTEE	41 WOODBINE ST	BRISTOL	CT	06010
67-86	169 FARRELL AVE	PAGE KYLE L	169 FARRELL AVE	BRISTOL	CT	06010
67-79	135 FARRELL AVE	WILCOX DAN	135 FARRELL AVE	BRISTOL	CT	06010
67-27	99 ARCADIA RD	DESJARDIN KEVIN R	99 ARCADIA RD	BRISTOL	CT	06010
67-72	LEDGE RD	JAY-DEE REALTY+DEVELOPMENT INC	395 BROAD ST	BRISTOL	CT	06010
67-69	REAR MARTIN RD	JAY-DEE REALTY+DEVELOPMENT INC	395 BROAD ST	BRISTOL	CT	06010
67-78	LEDGE RD	JAY-DEE REALTY+DEVELOPMENT INC	395 BROAD ST	BRISTOL	CT	06010
67-79	133 FARRELL AVE	THOMPSON DONOVAN T	133 FARRELL AVE	BRISTOL	CT	06010
67-85	FARRELL AVE	TRADEMARK ACQUISITIONS LLC	175 LAKE AVE	BRISTOL	CT	06010
67-9	106 BARLOW ST	LAURIE E SMITH	106 BARLOW ST	BRISTOL	CT	06010
67-10	100 BARLOW ST	FRANCIS T. & ALICE M. JOYCE	100 BARLOW ST	BRISTOL	CT	06010
67-11	94 BARLOW ST	ELIZABETH A. & STEPHANIE A. CHAGNON	94 BARLOW ST	BRISTOL	CT	06010
67-12	88 BARLOW ST	DAVID A ZIPKE	88 BARLOW ST	BRISTOL	CT	06010
67-13	84 BARLOW ST	SCALIA GINA TRUSTEE U/T GINA M SCALIA	41 WOODBINE ST	BRISTOL	CT	06010
67-14	80 BARLOW ST	SCALIA GINA TRUSTEE U/T GINA M SCALIA	41 WOODBINE ST	BRISTOL	CT	06010
67-15	76 BARLOW ST	CLEMENS NEAL J	76 BARLOW ST	BRISTOL	CT	06010
67-22	ARCADIA RD	ARCADIA ACRES LLC	106 NORTH ST	BRISTOL	CT	06010
67-21	149 ARCADIA RD	ARCADIA ACRES LLC	106 NORTH ST	BRISTOL	CT	06010
67-20	ARCADIA RD	ARCADIA ACRES LLC	106 NORTH ST	BRISTOL	CT	06010



Proposed Road Acceptance

GRID

ENGINEER OF RECORD **GPT**
PROJECT ENGINEER **GPT/WTC**
CADD **GPT/WTC**

PROJECT NAME & LOCATION

LAURENTIDE GLEN

BRISTOL, CONNECTICUT

CLIENT

TRADEMARK ACQUISITIONS, LLC

DRAWING TITLE

LAURENTIDE GLEN

COVER SHEET & SHEET INDEX

REVISIONS

NO.	DATE	ISSUE
5	11-12-18	STAFF COMMENTS
4	10-22-18	WATER DEPT. COMMENTS
3	10-15-18	STAFF COMMENTS
2	9-18-18	STAFF COMMENTS
1	7-31-18	STAFF COMMENTS

DATE **6/11/18**

PROJECT NO.

SCALE

0 75' 150

1"=150'

DRAWING NO.

COVER

Department of Public Works | 860.584.6125

MEMORANDUM

DATE: November 8, 2025

TO: Mayor Ellen Zoppo-Sassu
Board of Public Works
FROM: Raymond A. Rogozinski, P.E., Director of Public Works

RE: REQUEST FOR WAIVER OF CITY ORDINANCE 21-51 – DRIVEWAY DISTANCE TO ADJACENT PARCEL AND DRIVEWAY WIDTH REDUCTION (60 BENHAM STREET)

The Department of Public Works has received a request to waive Ordinance Sec 21-51 associated with the distance of the driveway from the adjacent lot and a width of the driveway. The lot in question is small, 3,200 SF with minimal frontage of 40 ft. In accordance with zoning regulations, the required lot frontage is 85 ft for R10 zones. However, the lot geometry existed prior to zoning in 1967, therefore, it is classified as a pre-existing non-conforming parcel and is classified as a building lot.

The proposed lot development conforms to zoning's side and front yard setback distances of 8 ft with a proposed north side yard of 12 ft and south side of 8 ft. The house width is 20 ft. In order to accommodate a driveway along the north side of the house, a 10-foot-wide driveway is proposed with a 1-foot distance between the house and the driveway, and the driveway to the north parcel.

Pursuant to City Ordinance 21-51 driveways are required to be 12 ft wide and for lots less than 60 ft wide, similar to 60 Benham St, a 3 ft separation distance between the driveway and adjacent parcel is required along with a 3 ft radius. As indicated above, due to the minimum lot width, the proposed lot development indicates a 10 ft wide driveway with a 1-foot distance between the house and the driveway and the driveway to the north parcel.

The waiver is only applicable to the area within the City's right of way. The City does not regulate driveway distance to adjacent lots on private property. Alternates to the waiver would require the placement of the driveway immediately in front of the house and a 30 ft curb cut to

City of Bristol
Public Work Department
111 North Main Street
Bristol, CT 06010
www.bristolct.gov

accommodate 3 vehicles. The proposed arrangement accommodates 3 vehicles. Based on site conditions, DPW does not have concerns with the requested reduction in driveway width from 12 ft to 10 ft. Per zoning, parking space width is 9 ft. wide. With respect to distance to the adjacent lot, DPW does not recommend offsetting an Ordinance-compliant driveway apron (3 ft from the adjacent property) in the right of way with the driveway on private property (1 ft from the adjacent property) by offsetting, transitioning the driveway apron with the driveway (2 ft). DPW also recognizes the desire to limit curb cut width and not have parking immediately in front of the house. With that said, if a waiver is approved, it is imperative that water runoff does not enter the adjacent lot and the driveway is constructed properly to ensure that it does not encroach onto the adjacent lot.

Based on a review of the subject plan, DPW recommends the following Board of Public Works action.

Approve the waiver request of City Ordinance 21-51 by Humanity of North Central CT for the property identified as 60 Benham St, reducing the driveway width from 12 ft to 10 ft and the distance from the driveway to the adjacent lot and radius along Benham St from 3 ft to 1 ft. Said approval shall be contingent on the following:

A. **Field locate the proposed driveway by a licensed surveyor and provide an as-built survey to the City prior to the issuance of a certificate of occupancy indicating the driveway does not encroach onto the adjacent lot.**

B. **Revise driveway grading to pitch runoff to south, away from the adjacent lot.**

Please feel free to contact me with any questions or concerns at 860-584-6113.

City of Bristol
Public Work Department
111 North Main Street
Bristol, CT 06010
www.bristolct.gov

Raymond Rogozinski

From: Guy Hesketh <ghesketh@fahesketh.com>
Sent: Wednesday, October 22, 2025 8:17 AM
To: Raymond Rogozinski
Cc: Anthony Lorenzetti; Diana Gasca; Kris McKelvie; Robert Flanagan
Subject: 60 Benham
Attachments: SP-1 2025-10-21.pdf

Good morning, Ray,

I am a consultant for Habitat for Humanity of North Central CT and am assisting them in preparing design plans for a house on 60 Benham Street. The lot is very small and non-conforming to the current zoning regulations for minimum lot size and frontage. It has a frontage of only 40 feet. In order to be able to develop the lot and fit Habitat's smallest prototype (20-feet wide), Habitat requested and was granted several variances from the Bristol ZBA, including the minimum setback for a driveway. A variance allowing a 1-foot setback from the property line to the driveway was granted by the ZBA. Because of the narrow width of the lot, Habitat proposes to construct a 10-foot- wide driveway extending between the house and north boundary from the rear of the house to Benham Street. This would allow parking two vehicles outside of the ROW and off street. This design, however, puts us in a conflict with the City Ordinance Sec-21-51, which requires:

1. no driveway opening shall be less than twelve (12) feet nor more than thirty (30) feet in width measured at and parallel to the street line
2. On residential driveway aprons, a radius of no less than three (3) feet and no more than five (5) feet shall be allowed between the curb line and the street line;
3. In no case shall a curb cut be closer than ten (10) feet from the property line extended on lots having a frontage of eighty-five (85) feet or more; or five (5) feet from the property line extended on lots with frontage between sixty (60) and eighty-five (85) feet; or, three (3) feet from the property line extended on lots with frontage of less than sixty (60) feet.

Habitat would like to pursue a waiver or relief from the three standards listed above. The proposed Plot Plan is attached. It depicts the configuration Habitat would like to permit. Habitat would request the driveway opening be reduced to 10 feet, that the driveway apron radius be reduced to 1 foot on the north side of the driveway touchdown (or that a three foot radius be allowed in the ROW with a two-foot overlap from the projection form the north property line), and that the curb cut be reduced from three feet to one foot from the property line (consistent with the granted variance).

I understand that the Board of Public Works meets on November 20. Can we make a request to the Board for the waivers/relief? And how do we get on the agenda and apply?

Please let me know at your earliest convenience.

Thanks,

Guy A. Hesketh, P.E.
Chief Engineer
F. A. Hesketh & Associates, Inc.
6 Creamery Brook
East Granby, CT 06026

Sec. 21-51. - Driveway aprons and curb cuts.

(a)

For the purpose of constructing a driveway approach, no driveway opening shall be less than twelve (12) feet nor more than thirty (30) feet in width measured at and parallel to the street line, unless a greater distance is shown upon a site plan which has been approved by either the planning commission or the zoning commission. On residential driveway aprons, a radius of no less than three (3) feet and no more than five (5) feet shall be allowed between the curb line and the street line; on nonresidential driveway aprons, a radius of no less than ten (10) feet and no more than twenty (20) feet shall be allowed between the curb line and the street line. No curb cut shall be nearer than fifty (50) feet to a street intersection. In no case shall a curb cut be closer than ten (10) feet from the property line extended on lots having a frontage of eighty-five (85) feet or more; or five (5) feet from the property line extended on lots with frontage between sixty (60) and eighty-five (85) feet; or, three (3) feet from the property line extended on lots with frontage of less than sixty (60) feet. To the extent possible, no curb cut shall be installed within three (3) feet of any catch basin, telephone pole or other structure within the roadway. All residential driveway aprons shall be constructed with a one and one-half (1.5) inch lip measured from the street gutter elevation; non-residential driveway aprons shall be constructed with a one-half (0.5) inch lip. Driveway aprons shall extend five (5) feet into the property from the street line. Any variation in the preceding requirements shall be submitted as a written application to the board of public works for their approval.

(b)

No driveway approach shall interfere with municipal facilities such as streetlighting poles, catch basins, hydrants, crosswalks, underground pipes or other street structures and, if installed in violation hereof, shall be deemed a public nuisance and shall be removable at the expense of the abutting owner. This subsection shall apply to construction of new streets; on existing streets a variance for a hardship case may be submitted to the board of public works in writing for their approval and costs of any relocation may be charged to the abutting owner.

Area and Dimensional Requirements (Section 7)		
ZONE R-10	REQUIRED	PROPOSED
MIN. LOT AREA (SF)	10,000	3,200 *
MIN. LOT FRONTAGE (FT)	85	40 *
MIN. FRONT YARD (FT)	20	20.5
MIN. SIDE YARD (FT)	8	8.0
MIN REAR YARD (FT) (BASEMENT DOOR)	20	12.8 (1)
MIN REAR YARD (FT) (DECK)	20	17.5 (1)
MAX. BUILDING HEIGHT (FT)	35	24.0
MAX. BUILDING COVERAGE (%)	35	24.8
MAX. IMPERVIOUS COVERAGE (%)	75	45

* EXISTING NON-CONFORMITY

VARIANCES GRANTED BRISTOL ZONING BOARD OF APPEALS JUNE 4, 2025 (APPLICATION #3820):

(1) MINIMUM REAR YARD FOR A BASEMENT DOOR AND DECK

(2) MINIMUM SIDE YARD FOR A DRIVEWAY AT 60 BENDHAM STREET.

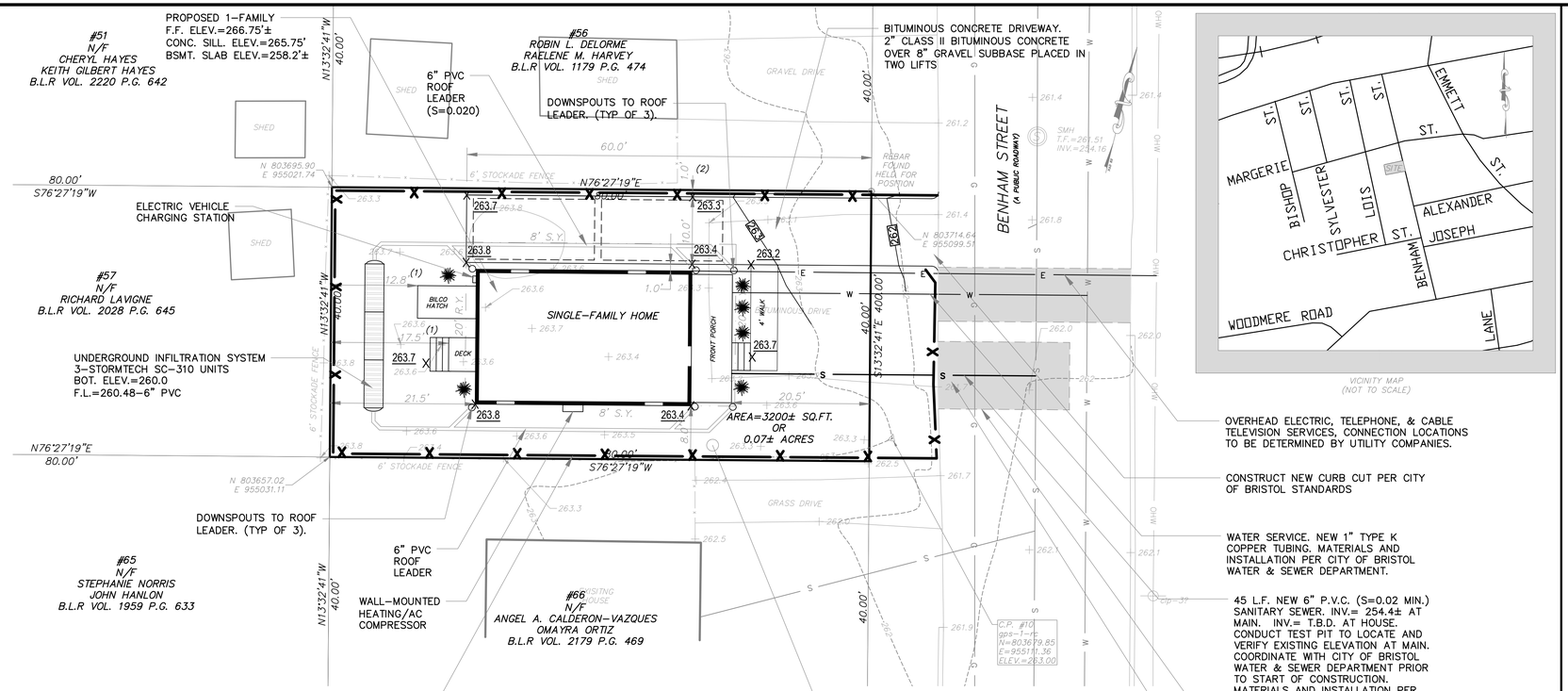
LEGEND

(SYMBOLS NOT TO SCALE)

- CATCH BASIN
- SANITARY MANHOLE
- DRAINAGE MANHOLE
- WATER MANHOLE
- TELEPHONE MANHOLE
- ELECTRIC MANHOLE
- UNKNOWN MANHOLE
- YARD DRAIN
- CABLE MANHOLE
- FLARED END SECTION
- FIRE HYDRANT
- WATER GATE VALVE
- GAS GATE VALVE
- MISC. GATE VALVE
- VENT PIPE
- FILLCAP
- WELL
- MAIL BOX
- HAND HOLE
- CONTROLLER CABINET
- ELECTRIC TRANSFORMER
- UTILITY POLE
- GUY WIRE
- CROSSWALK POLE
- LIGHT POLE
- POST
- TRAFFIC LIGHT SUPPORT POLE
- STREET SIGN
- TREE (TYP.)
- MONITOR WELL
- BORING
- 37.25 = EXISTING SPOTGRADE
- 37 = EXISITNG CONTOUR
- W = PROPOSED WATER SERVICE
- S = PROPOSED SANITARY SEWER
- E = PROPOSED ELECTRIC, TELEPHONE, AND CABLE
- EM = ELECTRIC METER
- GM = GAS METER
- WM = WATER METER
- T = TELEPHONE
- AC = AC UNIT
- TREE LINE
- STONE WALL
- GUIDE RAIL
- DIRECTION OF FLOW
- I.P. PROPERTY CORNER
- MONUMENT
- DRILL HOLE
- SURVEY CONTROL POINT
- FENCE LINE
- W = WATER LINE
- G = GAS LINE
- E = ELECTRIC LINE
- CATV = CABLE TELEVISION LINE
- OHW = OVERHEAD WIRES
- P.O.B. = POINT OF BEGINNING
- N = NORTHING
- E = EASTING
- N/F = NOW OR FORMERLY
- B.L.R. = BRISTOL LAND RECORDS
- Δ = DELTA ANGLE
- R = RADIUS
- T = TANGENT
- L = LENGTH
- C = CHORD
- CB = CHORD BEARING
- F.Y. = FRONT YARD
- S.Y. = SIDE YARD
- R.Y. = REAR YARD
- C.P. = CONTROL POINT
- SILT FENCE FOR EROSION CONTROL
- 28.5 X = PROPOSED SPOT GRADE
- 28 = PROPOSED CONTOUR

GENERAL NOTES:

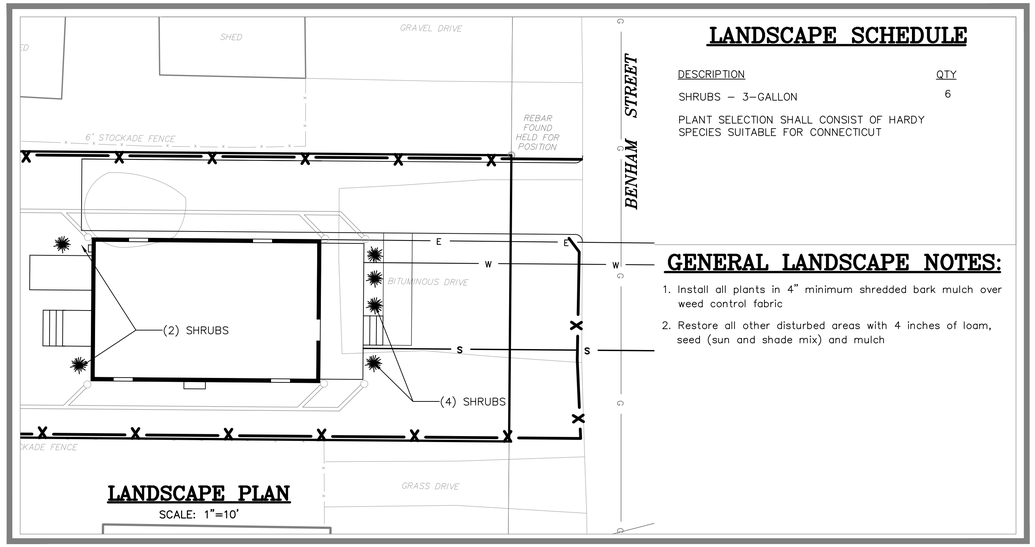
1. PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES BY CALLING 1-800-922-4455 AT LEAST 48 HOURS IN ADVANCE.
2. THE LOCATIONS OF ALL UTILITIES SHOWN ARE APPROXIMATE AND ARE BASED ON AVAILABLE AS-BUILT INFORMATION FROM UTILITY COMPANY RECORDS, THE PROPERTY OWNER, AND LIMITED SURVEY DATA. ALL EXISTING UTILITIES MAY NOT BE SHOWN AND THE LOCATIONS SHOWN MAY NOT BE ACCURATE. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL UTILITIES PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY AND NOTIFYING THE SITE DESIGN ENGINEER OF ANY ADJUSTMENTS TO THE PLANS WHICH ARE NECESSARY. TEST PITS ARE REQUIRED IN ORDER TO DETERMINE UNDERGROUND UTILITY LOCATIONS.
3. ALL UTILITIES TO BE INSTALLED IN ACCORDANCE WITH APPLICABLE UTILITY COMPANY REQUIREMENTS. FINAL LOCATION OF UTILITY CONNECTIONS IS SUBJECT TO REVISION BY INDIVIDUAL UTILITY COMPANIES PRIOR TO INSTALLATION.
4. SANITARY SEWER AND WATER SERVICE INSTALLATION TO BE COORDINATED WITH CITY OF BRISTOL WATER & SEWER DEPARTMENT BY THE CONTRACTOR.
5. THE CONTRACTOR SHALL USE THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" (2024), AS AMENDED, AS A GUIDE IN CONSTRUCTION OF THE EROSION AND SEDIMENT CONTROLS INDICATED ON THE PLANS. THE GUIDELINES MAY BE OBTAINED FROM THE DEP STORE, 79 ELM STREET, HARTFORD, CT 06106-5127.
6. THE CONTRACTOR IS RESPONSIBLE FOR THE TIMELY INSTALLATION, INSPECTION, OR REPLACEMENT OF EROSION CONTROL DEVICES TO INSURE PROPER OPERATION.
7. ALL DISTURBED AREAS NOT COVERED BY BUILDINGS, PAVEMENT, MULCH OR GROUND COVER PLANTINGS SHALL BE PLANTED WITH GRASS.
8. ALL WORK AND MATERIALS TO CONFORM TO CITY OF BRISTOL STANDARD SPECIFICATIONS AND/OR CT D.O.T. FORM 819 (AS AMENDED), AS APPLICABLE.
9. ALL WORK ON THIS PROJECT SHALL BE COMPLETED IN CONFORMANCE WITH THE REQUIREMENTS OF THE VARIOUS FEDERAL, STATE, AND LOCAL PERMITS ISSUED FOR THIS PROJECT.
10. ALL REPAIRS TO CITY STREETS AND SIDEWALKS SHALL CONFORM TO CITY OF BRISTOL SPECIFICATIONS.
11. SANITARY SEWER FLOW LINE ELEVATIONS ARE BASED ON BEST AVAILABLE INFORMATION. ACTUAL FLOW LINES TO BE DETERMINED IN THE FIELD PRIOR TO CONSTRUCTION.
12. SEE 'PROPERTY/TOPOGRAPHIC SURVEY, PREPARED FOR HABITAT FOR HUMANITY OF NORTH CENTRAL CONNECTICUT, INC, 60 BENHAM STREET, BRISTOL CONNECTICUT, DATED 01-15-2025, SCALE 1"=20'.
13. BEARINGS AND COORDINATES DEPICTED HEREON REFER TO NORTH AMERICAN DATUM OF 1983 (NAD83) AND ELEVATIONS DEPICTED HEREON REFER TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AND ARE BASED UPON OPUS RAPID STATIC OBSERVATIONS ON 02-20-2025 RESULTING IN THE FOLLOWING VALUES. CONTROL POINT #40 N=803679.85, E=955111.36 (NAD83), ELEV.=263.00 (NAVD88) AND CONTROL POINT #4, N=803862.54, E=955070.79 (NAD83) ELEV.=255.33 (NAVD88).
14. UNDERGROUND UTILITY, STRUCTURE AND FACILITY LOCATIONS (IF ANY) DEPICTED AND NOTED HEREON HAVE BEEN COMPILED, IN PART, FROM RECORD MAPPING, PAROL TESTIMONY, VISIBLE FEATURES AND OTHER SOURCES. THESE LOCATIONS MUST BE CONSIDERED AS APPROXIMATE IN NATURE. ADDITIONALLY, OTHER SUCH FEATURES MAY EXIST ON THE SITE. THE EXISTENCE OF WHICH ARE UNKNOWN TO THIS SITE DESIGN ENGINEER. THE SIZE, LOCATION AND EXISTENCE OF ALL SUCH FEATURES MUST BE FIELD DETERMINED AND VERIFIED BY THE APPROPRIATE AUTHORITIES PRIOR TO CONSTRUCTION.
15. CONTRACTOR SHALL SUBMIT DETAILED SHOP DRAWINGS FOR UNDERGROUND INFILTRATION SYSTEM FOR REVIEW OF DESIGN ENGINEER.



NOTE:

INTALL LEAF GUARDS ON ALL GUTTERS TO KEEP LEAF LITER FROM ENTERING THE UNDERGROUND STORMWATER INFILTRATION SYSTEM.

VICINITY MAP (NOT TO SCALE)



LANDSCAPE PLAN

SCALE: 1"=10'

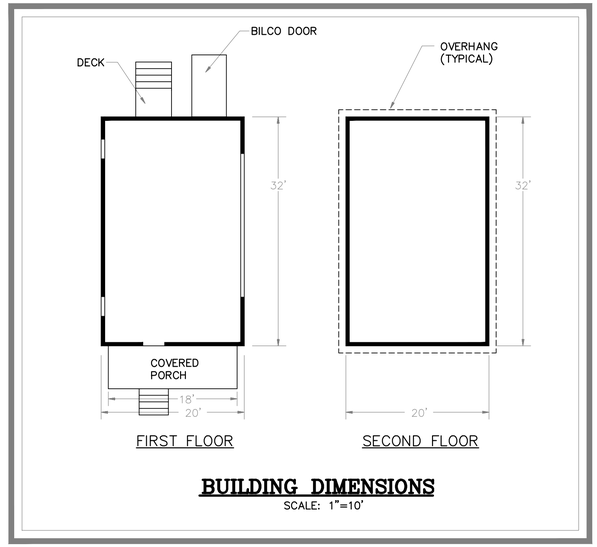
LANDSCAPE SCHEDULE

DESCRIPTION	QTY
SHRUBS - 3-GALLON	6

PLANT SELECTION SHALL CONSIST OF HARDY SPECIES SUITABLE FOR CONNECTICUT

GENERAL LANDSCAPE NOTES:

1. Install all plants in 4" minimum shredded bark mulch over weed control fabric
2. Restore all other disturbed areas with 4 inches of loam, seed (sun and shade mix) and mulch



BUILDING DIMENSIONS

SCALE: 1"=10'

GRAPHIC SCALE

10 0 5 10 20 40

(IN FEET)

1 inch = 10 ft.

PROGRESS 10-21-2025

F. A. Hesketh & Associates, Inc.
6 Creamery Brook, East Granby, CT 06026
Phone (860) 653-8000 Fax (860) 844-8600
Civil & Traffic Engineers - Surveyors - Planners - Landscape Architects
www.fahesketh.com - mail@fahesketh.com

60 Benham Street
M/B/L 03-136
PID 7372

No.	Date	Revisions: Description
1	10-XX-2025	Stormwater infiltration

PLOT PLAN
REPORT OF
HABITAT FOR HUMANITY OF NORTH CENTRAL CONNECTICUT, INC.
60 BENHAM STREET
BRISTOL, CONNECTICUT

Job no: 25006 | Sheet no: 1 OF 1
Drawn by: CAD | Checked by: GAH
Date: 06-30-2025 | Scale: 1" = 10'

SP-1

J:\2025\25006 - 60 Benham Street\Site Plan\SP-1 2025-10-21.dwg, SP-1, Oct 22, 2025 - 7:59:29 AM

Full Town View | Reset Map | Search | Print | Select | Legend | Help | Base Maps / Air Photos | Map Layer