

Lead Pipe Replacement Assistance Program (LPRAP) FY21 Approved Contractor Training

July 29, 2020

Agenda

1. Welcome/Introduction
2. Safety
3. LPRAP Overview
4. Approved Contractor List
5. DOEE Application Process
6. Contractor Requirements
7. Review & Questions



Introductions



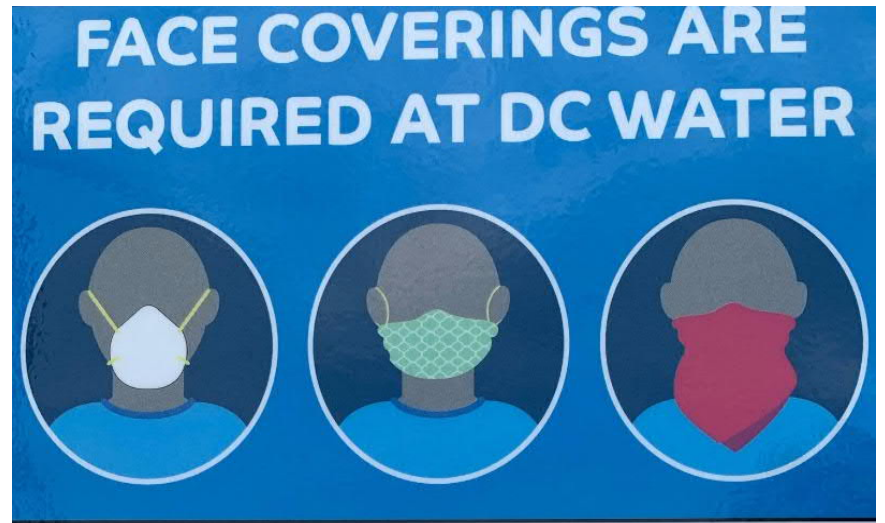
- 💧 Ashley Wynes, Specialist, Construction Safety
- 💧 John Deignan, Program Manager, Lead Free DC
- 💧 Gian Cossa, Program Manager, LPRAP
- 💧 Deidre Saunders, Manager, Construction, Engineering & Technical Services
- 💧 Teresa Wong, Project Engineer, LPRAP



- 💧 Kenley Farmer, Associate Director, Affordability & Efficiency Division
- 💧 Mackenzie Mathews, Program Manager, LPRAP

COVID - 19

- If sick, stay home!!
- Social Distancing guidelines (6ft minimum) are to be strictly adhered to whenever possible
- Continue frequent and thorough hand washing for at least 20 seconds
- All persons are to wear face coverings while on DC Water property, or conducting business with/on behalf of DC Water



- All persons are to wear face coverings while on DC Water property, or conducting business with / on behalf of DC Water.
- Face coverings may be any color, and most printed graphics on the masks will be acceptable. (Please ensure that your face coverings are appropriate for use in a business environment or a public work site).
- Social Distancing guidelines (6ft minimum) are to be strictly adhered to whenever possible within Authority locations.
- Continue frequent and thorough hand washing for at least 20 seconds.

FACE COVERING EXCEPTIONS

- Persons who cannot wear a mask or face covering due to a medical condition or disability, or who are unable to remove a mask without assistance.
- Persons working alone in a private, enclosed office.
- Persons traveling alone in a vehicle.



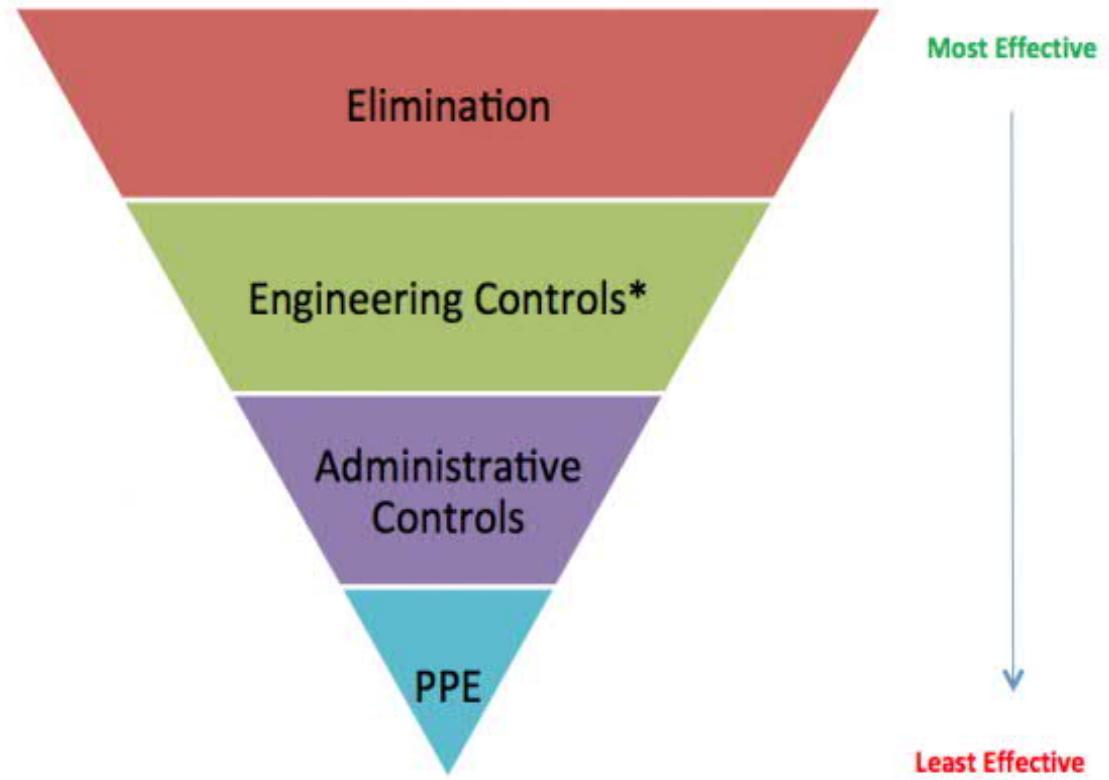
Ashley Wynes

Contractor's Safety Responsibilities



- Follow COVID Guidance
- Pre Plan work to avoid Error & Accident
- Comply with OSHA Regulations and DC Water Safety Requirements
- Correct Issue
- Safety Drives Everything

Hierarchy of Control





Safety Reminders
Ashley Wynes



Safety Documentation
Ashley Wynes

Personal Protective Equipment

- Safety Glass (ANSI 787)
- Hard Hats (ANZI Z89)
- Safety Vest
- Safety Boots
- Hearing Protection



Construction Lead Standards

- 💧 29 CFR 1926.62 (a) This section applies to all construction work where an employee may be occupationally exposed to lead.
- 💧 OSHA construction standard ([1926.62](#) (d)) require employers to assess potential employee exposure to lead.



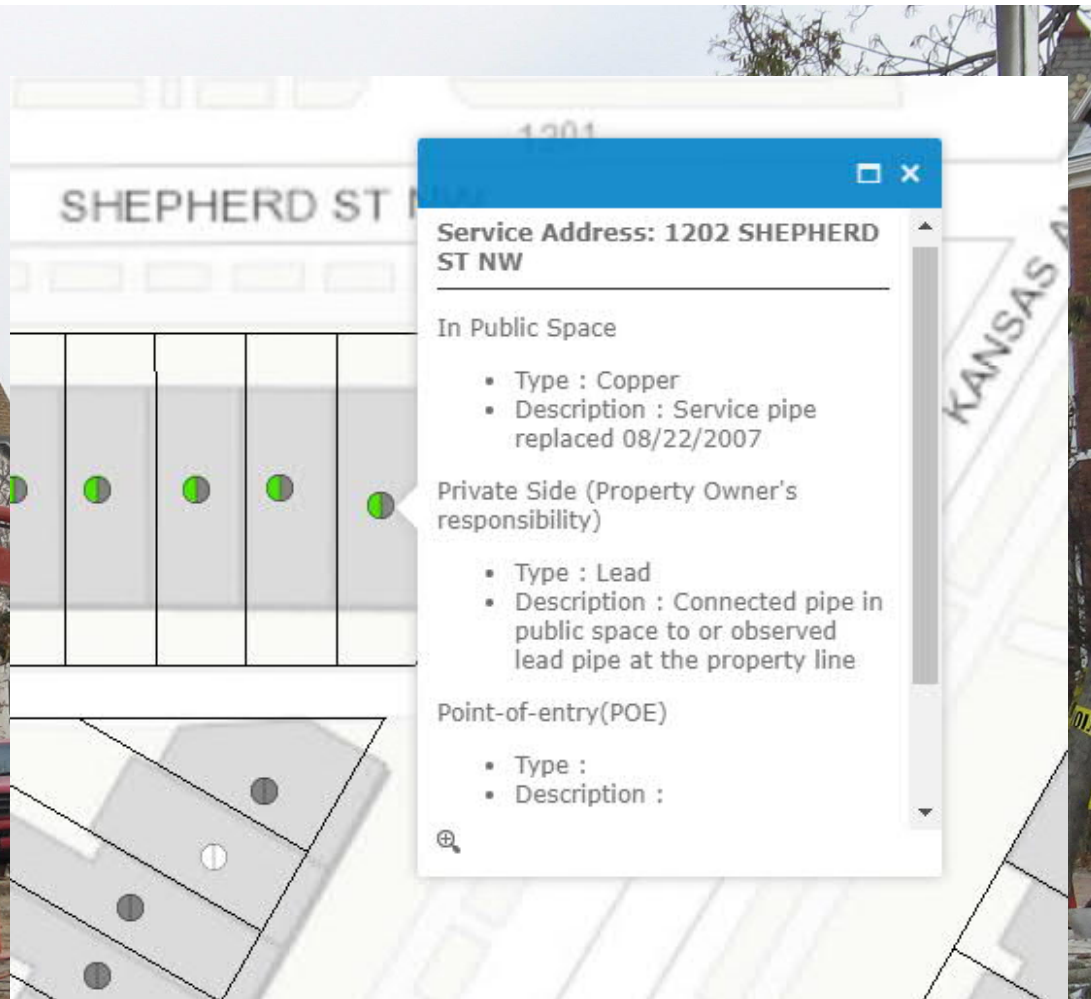
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1. Lead Disclosure
 2. Financial Assistance for Full Replacement
 3. Financial Assistance to Redress Past Partial Replacements
 4. Limiting Future Partial Replacements



Lead Water Service Line Replacement
and Disclosure Amendment Act of 2018

John Deignan

- Estimate 13,000 eligible customers
- dcwater.com/leadmap



Lead Pipe Replacement Assistance Program (LPRAP)

John Deignan

LPRAP Income Limits Based on Area Median Income (AMI)

% of costs covered	100% of costs*	80% of costs**	50% of costs***
Size	< 80% AMI	80% - 100% AMI	<p>ALL ELIGIBLE PROPERTY OWNERS REGARDLESS OF INCOME</p> <p>*households with income below 80% AMI and whose tenants participate in federal or District housing programs</p> <p>**80% of the first \$2,000 replacement costs, and 100% beyond that</p> <p>***assistance capped at \$2,500</p>
1	\$67,950	\$67,950 - \$84,900	
2	\$77,650	\$77,650 - \$97,050	
3	\$87,350	\$87,350 - \$109,150	
4	\$97,050	\$97,050 - \$121,300	
5	\$104,850	\$104,850 - \$121,300	
6	\$112,600	\$112,600 - \$121,300	
7	\$120,350	\$120,350 - \$121,300	
8	\$121,300	\$121,300	



LPRAP
John Deignan



DC Water is authorized to establish a list of Approved Contractors.

– Homeowners must select contractor from Approved Contractor List

- ✓ Participate in Statement of Qualifications
- ✓ Attend Contractor Training for given Fiscal Year (FY)



Approved Contractor List
John Deignan



LPRAP Program

Thank you for your interest in Lead Pipe Replacement Assistance Program (LPRAP). Once you begin the application, **you will NOT be able to save the application and return to it later.** In order to complete your application, you will need to attach a scan or photo of the following:

LPRAP Requirements

- Quote for work from a licensed contractor (including the length of the pipe, the pipe material, and a picture of the point of entry)
- Household's most recent DC Water bill
- Property owner's photo identification
- Proof of property ownership
- Proof of income for each member of the household (if seeking approval for)

Starting 10/1, Contractors will submit quotes directly to leadwork@dcwater.com

[Apply Here](#)

If you have any questions or need further assistance, please contact us at: leadline.replacement@dc.gov or [202-350-9649](tel:202-350-9649).



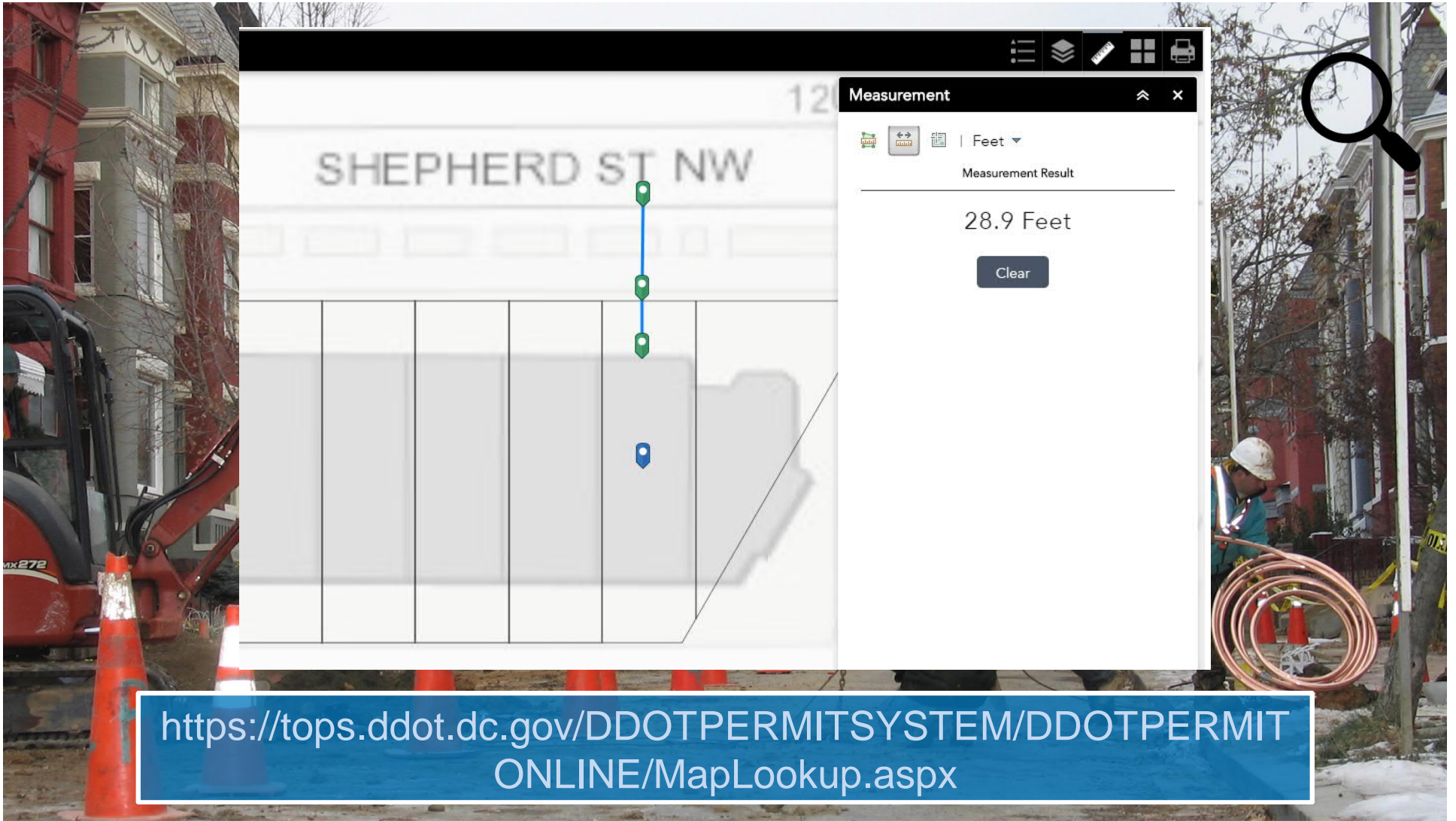
DOEE Application Process

Mackenzie Mathews

1. **Initial site visit to locate curb stop & property line**
2. Submit Cost Proposal with documents
3. Communicate with DC Water, DDOT, DCRA, & Miss Utility
4. Acquire permits (DCRA, DDOT, etc.)
5. Submit Payment Request with documents



Contractor Requirements
Teresa Wong



<https://tops.ddot.dc.gov/DDOTPERMITSYSTEM/DDOTPERMITONLINE/MapLookup.aspx>



Finding the Property Line

Teresa Wong

1. Initial site visit to locate curb stop & property line
2. **Submit Cost Proposal with documents**
3. Communicate with DC Water, DDOT, DCRA, & Miss Utility
4. Acquire permits (DCRA, DDOT, etc.)
5. Submit Payment Request with documents

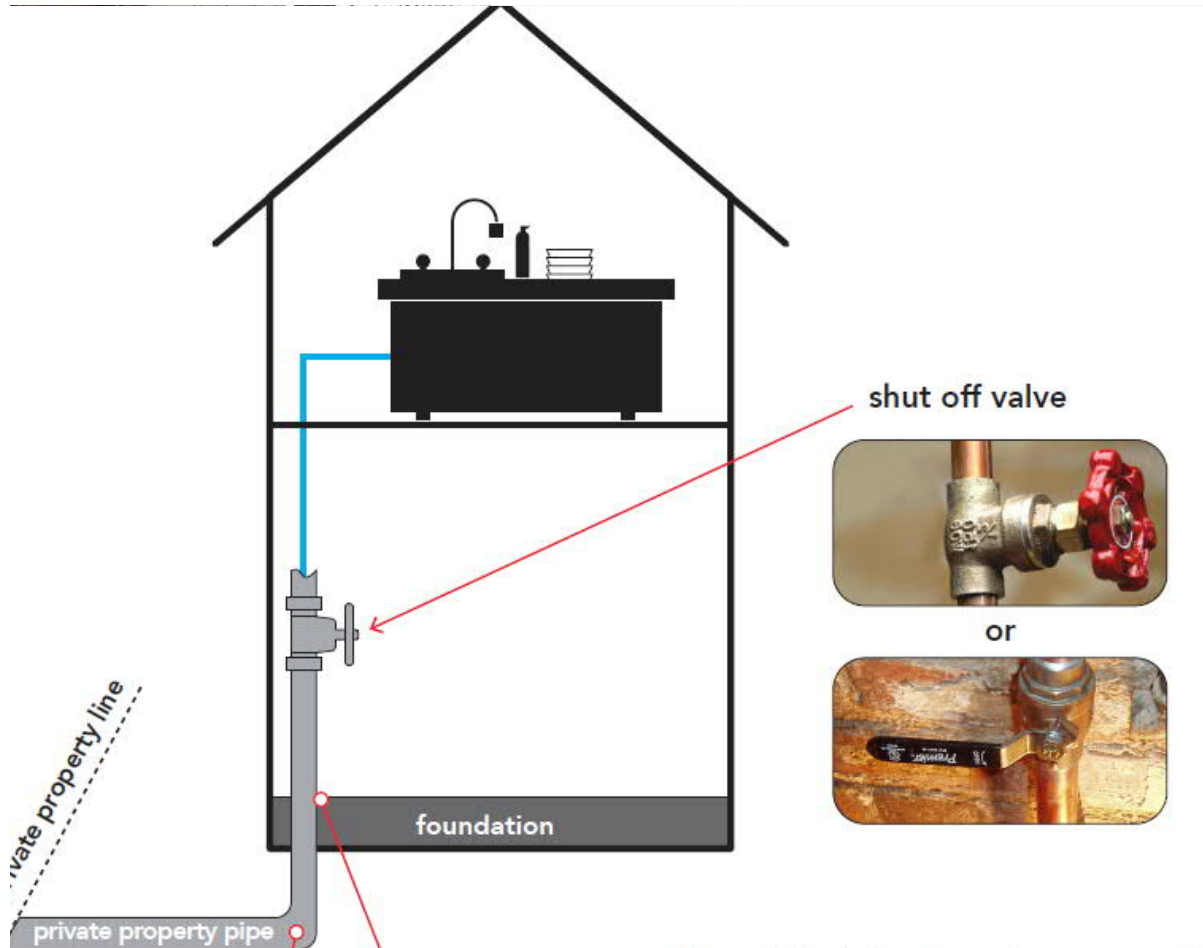


Contractor Requirements
Gian Cossa

Lead Service Line Replacement Assistance Program Cost Proposal				
Email questions to leadwork@dcwater.com or call (202) 787-2708. Failure to provide required cost proposal information at time of application submission to DOEE may result in delayed application approval. Additional cost proposals from other vendors may be required if quoted unit price exceeds DOEE's Approved Cap on Replacement Costs of \$1,250 plus \$200/LF.				
Customer Information				
Service Address				
Customer Name				
Customer Contact Phone # & Email				
Plumber/Contractor Information				
Plumbing Company Name				
Company Rep's Name (The person filing out this information)				
Plumbing Company Phone # & Email				
DC Plumber License Number				
Length of Warranty				
As-is Condition Documentation to be Attached to Quote				
1. Clear Photo(s) of the water service line on the inside of the home at point-of-entry (with shut-off valve and pipe breaking through wall, if visible).		Email leadwork@dcwater.com or visit dcwater.com/LSRguidelines for more information about photo documentation.		
2. Photo of outdoor curb stop (if available).				
3. If necessary, photographic documentation of any extra ordinary site conditions that increase maximum allowable unit cost.				
Proposal Documentation				
Proposed construction method - Molding, Pulling, directional drilling, or Open Cut Trench (open cut allowed only if site conditions do not permit molding or pulling pipe)				
Pipe Material to be Installed				
Diameter of pipe in Inches to be Installed		Inches		
Length of Pipe in Feet to be Replaced <u>OUTSIDE</u> (Curb Stop/PL to Building Penetration)		LF		
Length of Pipe in Feet to be Replaced <u>INSIDE</u> (Building Penetration to 1st Fitting, minus up to 5' included with penetration cost)		LF		
TOTAL of Pipe in Feet to be replaced (Outside and Inside, minus up to 5' included with penetration cost)		LF		
Quote		Contractor's Quote	Reasonable Cap	Costs Above Cap*
Service Line ≤ 11 LF	Cost of Lead Service Line Replacement with Copper, includes mobilization/demobilization, location of curb stop, backfill, restoration, penetration, and allowance		\$4,300	
Service Line > 11 LF	Turnkey cost of pipe per Linear Foot (LF) to be replaced (See Item 1. on graphic) inside the home including backfill and restoration	\$/LF	\$200/LF	
	Turnkey penetration cost thru building wall, including cost of copper pipe to 1st fitting (See item 2. on graphic) including internal shut off valve, sealing wall penetration & drywall repair.		\$1,250	
	Allowance for Communication, Permit Coordination, DCR Permit Fees and Miscellaneous		\$700	
Curb Stop and Curb Stop Box (Contingent)			\$500	
Additional cost for special conditions as documented in photographs including restoration, attached to this quote, and a written explanation.				
(A) Restoration of Private Property with Sod				
(B) Restoration of Paved Surface				
(C) Restoration of Interior Surface				
Permits				
DDOT Permitting Costs (only if DC Water is not coordinating the permit, must detail in Notes section below)				
Other				
Fixed price allowance for expedited contracted review in case DCRA inspectors are unavailable to provide inspection on requested schedule			\$450	
Total				
Total Eligible for Benefit Consideration (Total Contractor's Quote less Total Costs Above Cap)				
Test Pit		Contractor's Quote	Reasonable Cap	Costs Above Cap*
Cost of performing a test pit to verify the pipe material type between the curb stop and the first fitting.			\$1,200	
(A) If the material type is copper, the test pit cost will be charged in lieu of the lead service line replacement.				
(B) If the material type contains lead (i.e. lead, galvanized iron, or brass) the excavation is included in the total estimated cost for lead service line replacement.				
Total Estimated Cost for Test Pit				
*Homeowner is responsible for 100% of the costs exceeding the Reasonable Cap, subject to further consideration by DOEE				
Notes:				
Homeowner's signature:		Date:		

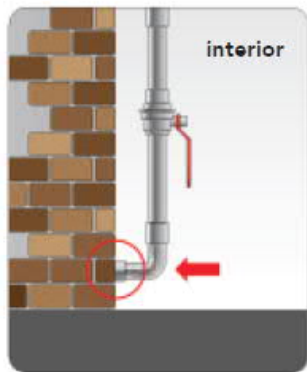
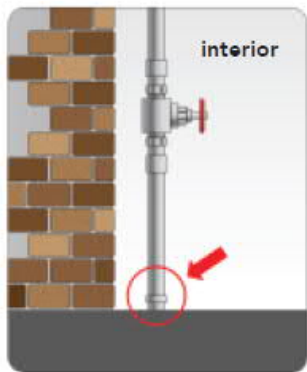


Cost Proposal
 Gian Cossa

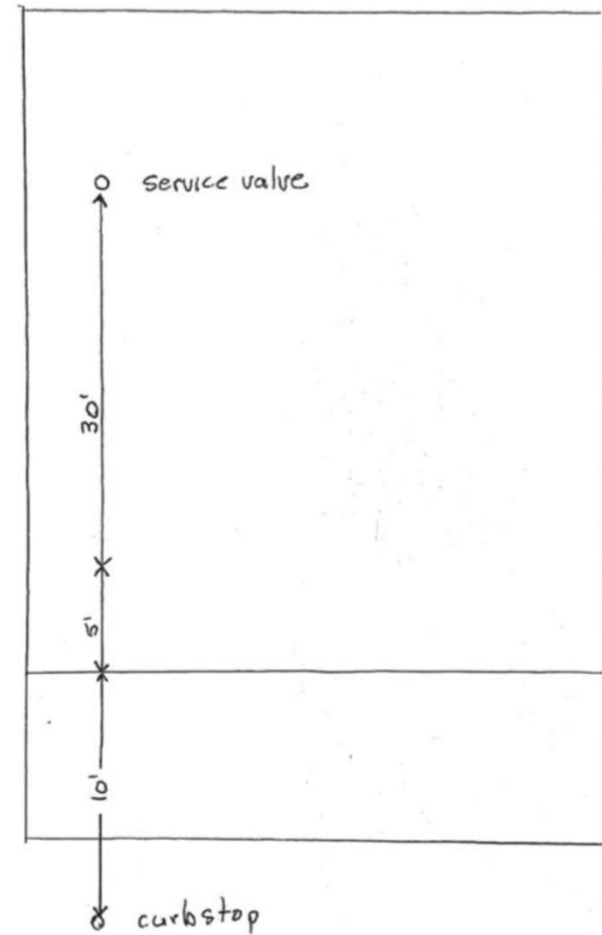
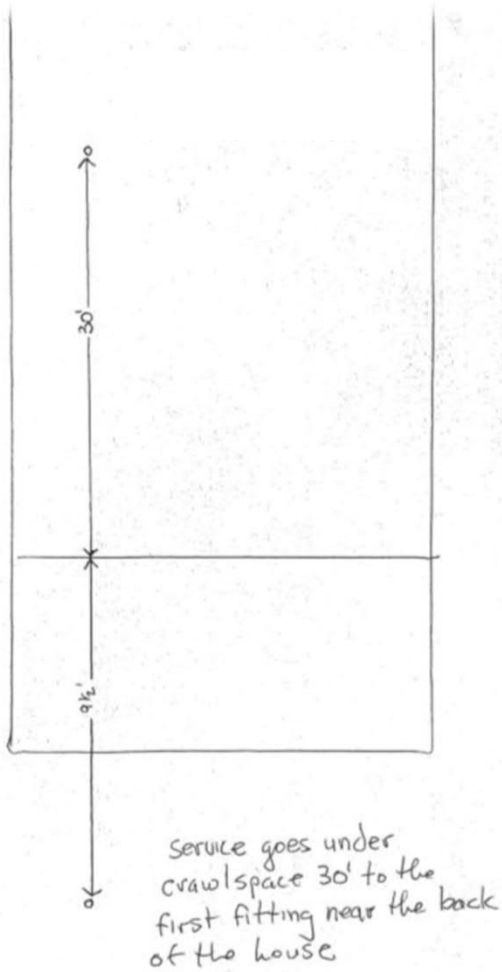


2. penetration cost through building foundation or wall (includes up to 5 LF of copper pipe to 1st fitting)

I. Cost of Pipe / LF



Work Proposal & Requirements
Gian Cossa



Hand Sketches
Gian Cossa

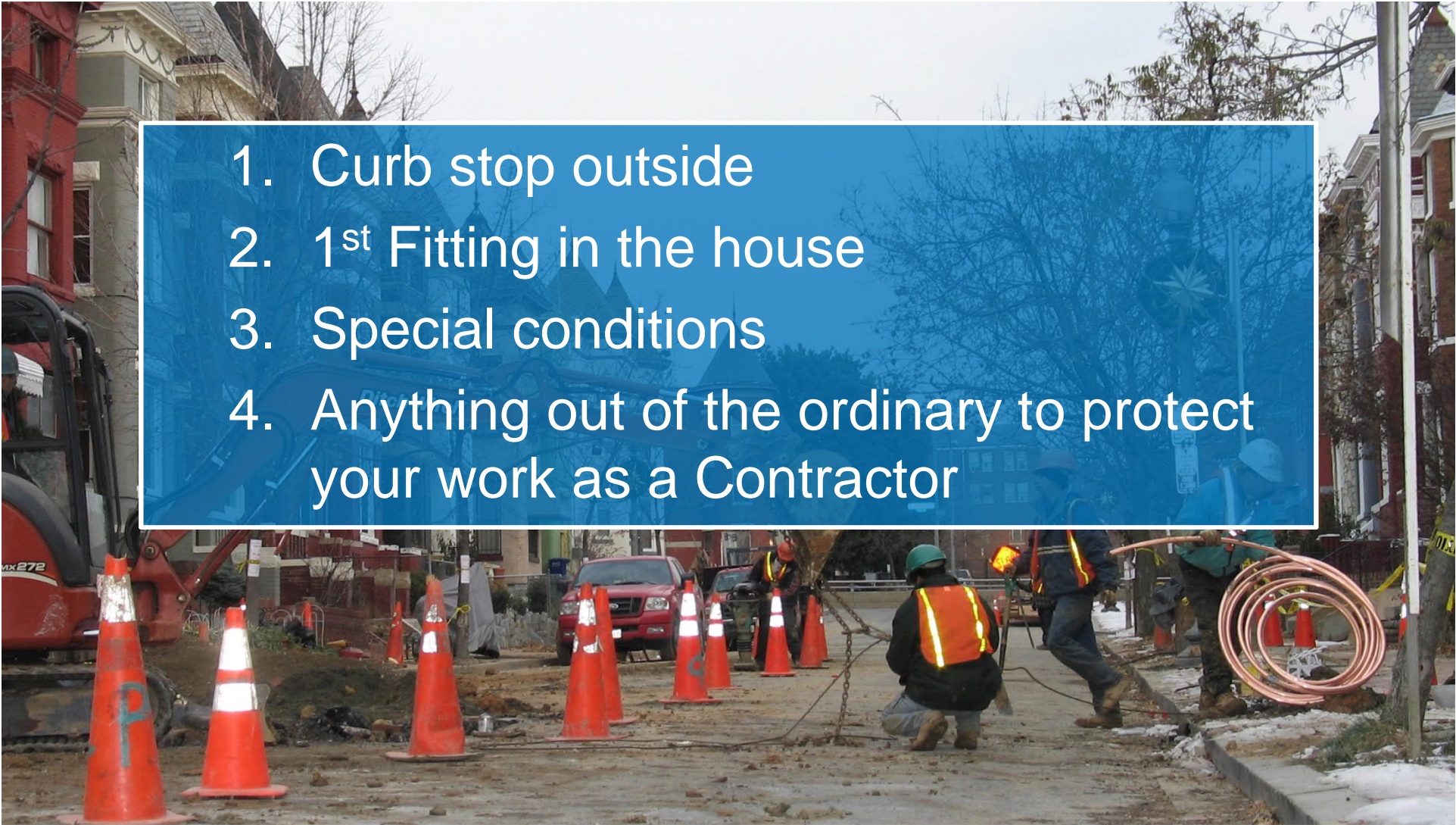
- 
1. Curb stop outside
 2. 1st Fitting in the house
 3. Special conditions
 4. Anything out of the ordinary to protect your work as a Contractor



Photo Documentation
Gian Cossa



× Bad lighting



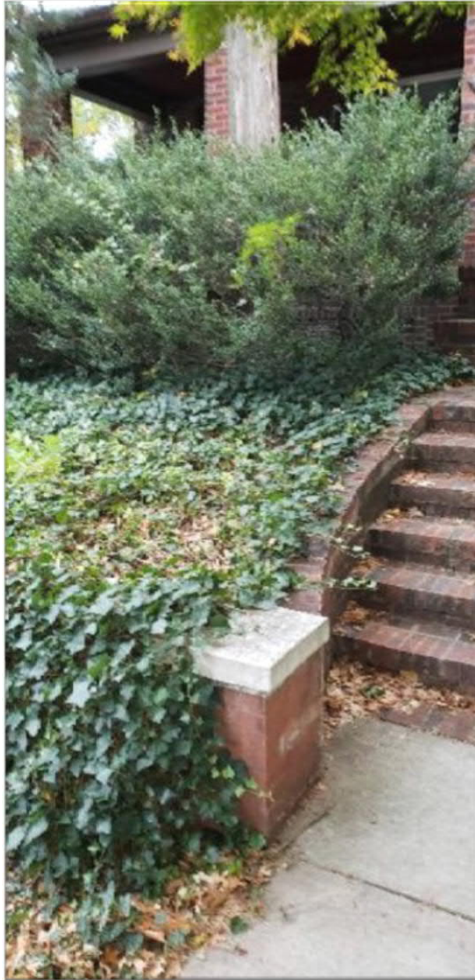
× Not focused



× Too zoomed in



Photo Quality
Gian Cossa



- × No house number
- × Too zoomed in

- ✓ House number
- ✓ Landscape/sidewalk from curb

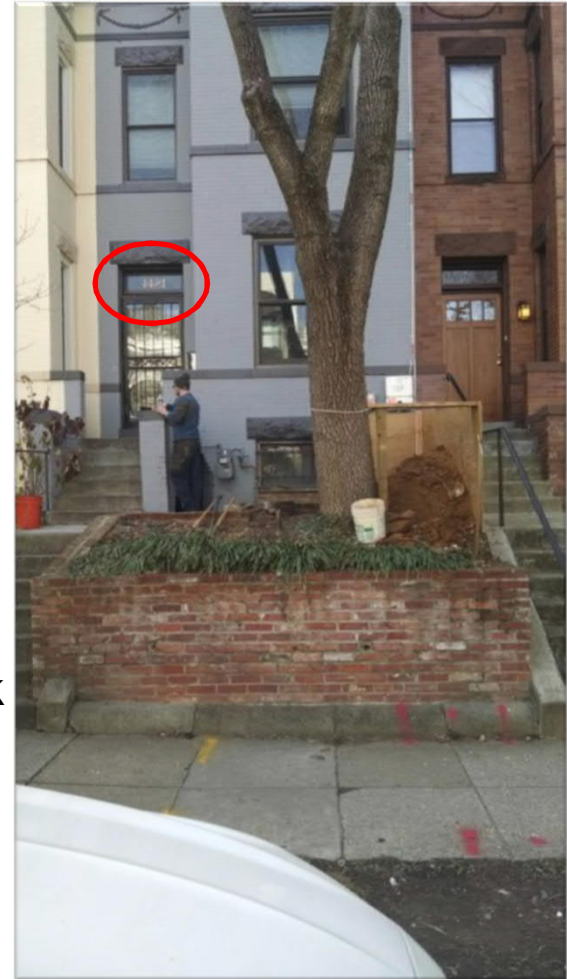
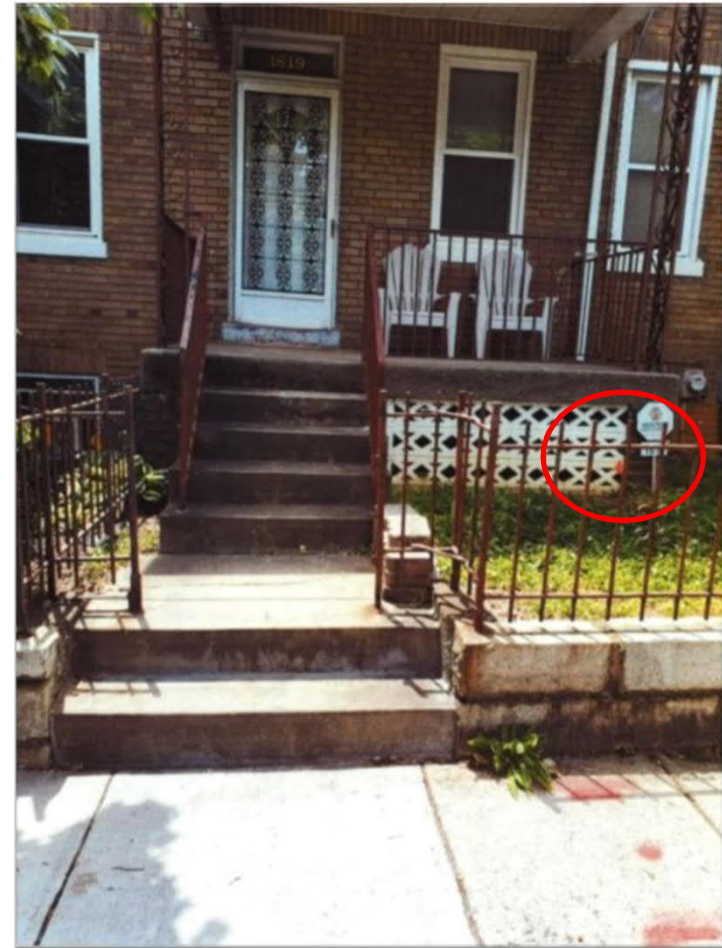


Photo of House from Sidewalk
Gian Cossa



✓ Spray and/or flag CS



✓ CS relative to landscape



Photo of Curb Stop (CS)
Gian Cossa



✓ Overall



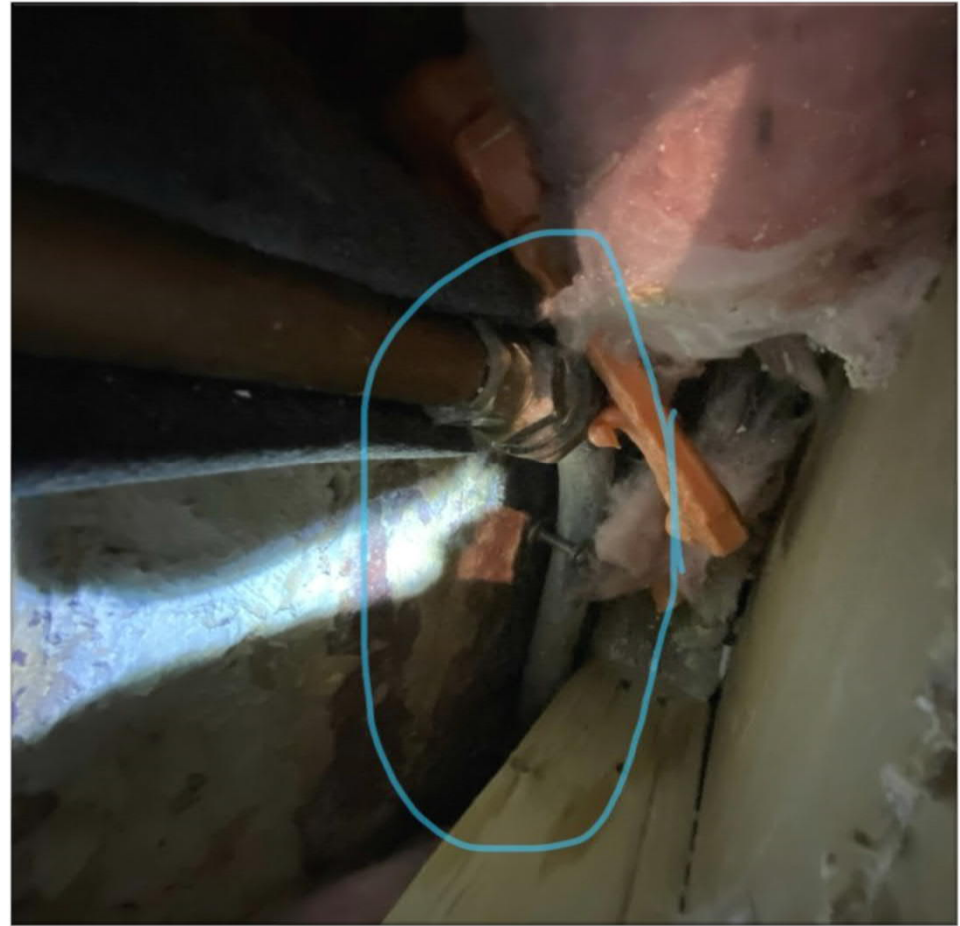
✓ Bulb



Photos of 1st Fitting
Gian Cossa



✓ Overall



✓ Zoomed in



Photos of 1st Fitting
Gian Cossa

- 
- Common Special Conditions
 - Restoration of Private Property with Sod
 - Restoration of Paved Surface
 - Requirements
 - Acceptable first fitting photo
 - Photos AND sketch of the special condition

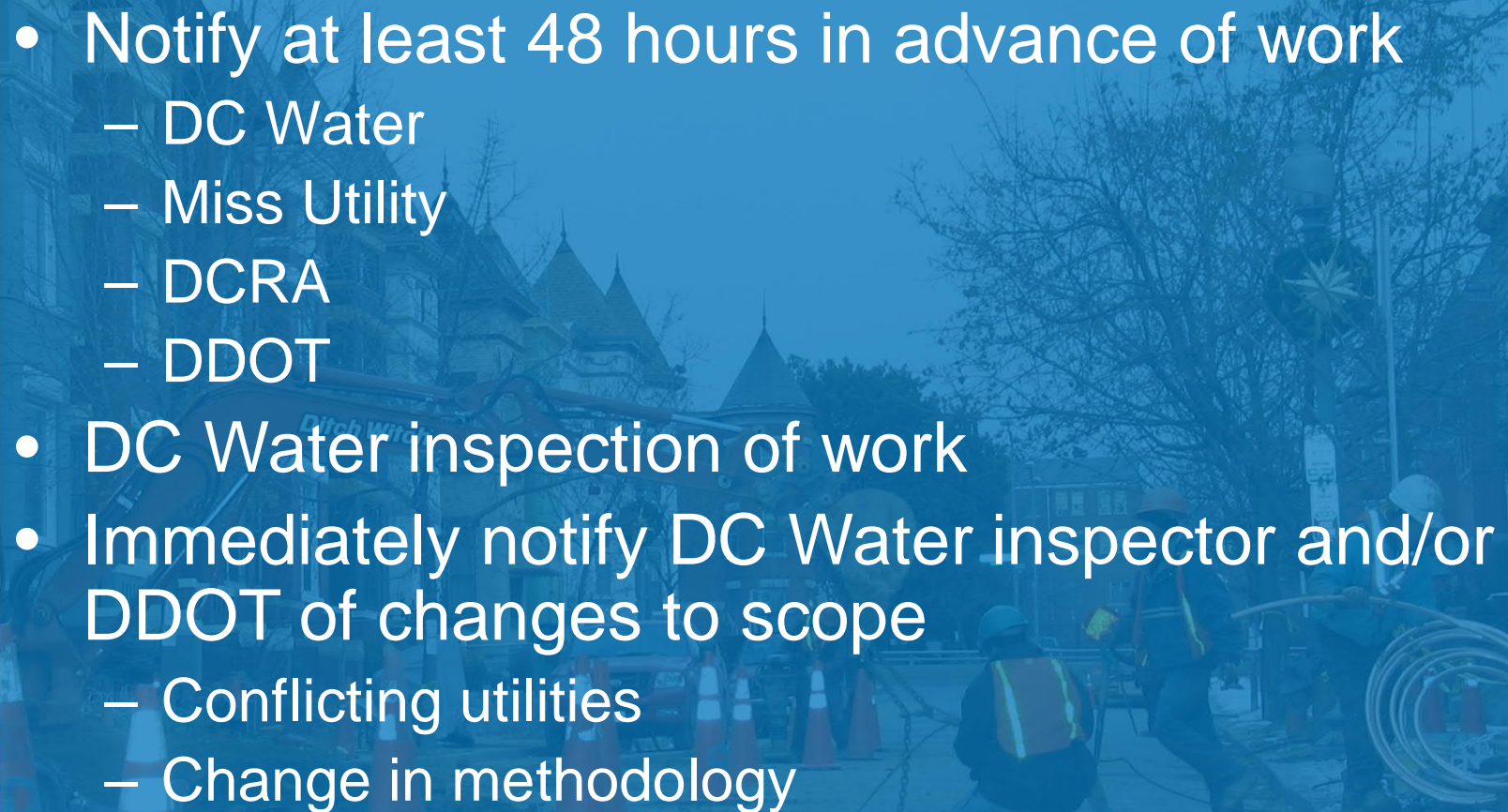


Cost Proposal Special Conditions
Deidre Saunders

1. Initial site visit to locate curb stop & property line
2. Submit Cost Proposal with documents
- 3. Communicate with DC Water, DDOT, DCRA, & Miss Utility**
4. Acquire permits (DCRA, DDOT, etc.)
5. Submit Payment Request with documents



Contractor Requirements
Deidre Saunders

- 
- Notify at least 48 hours in advance of work
 - DC Water
 - Miss Utility
 - DCRA
 - DDOT
 - DC Water inspection of work
 - Immediately notify DC Water inspector and/or DDOT of changes to scope
 - Conflicting utilities
 - Change in methodology

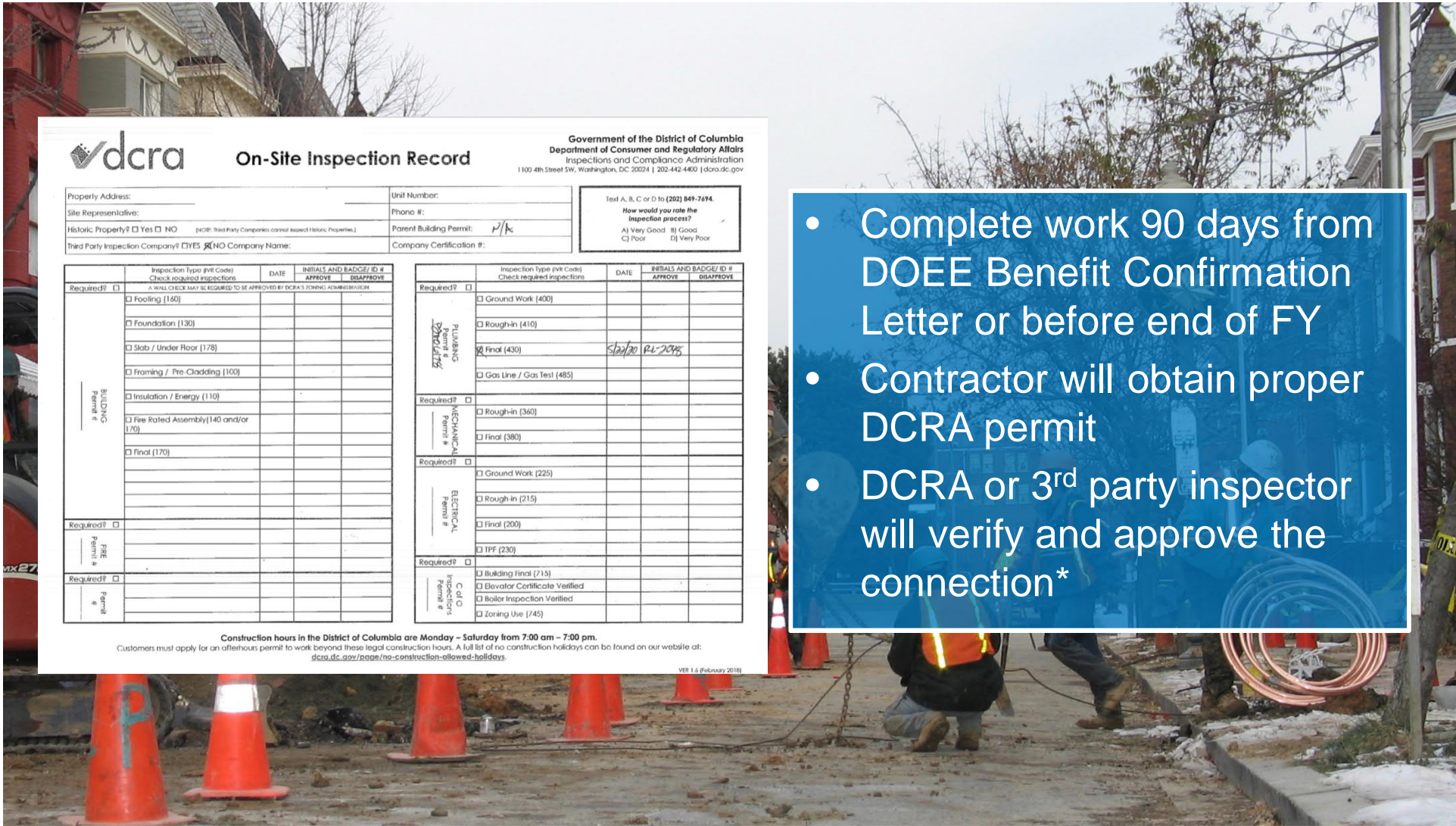


Required Communication
Deidre Saunders

1. Initial site visit to locate curb stop & property line
2. Submit Cost Proposal with documents
3. Communicate with DC Water, DDOT, DCRA, & Miss Utility
4. **Acquire permits (DCRA, DDOT, etc.)**
5. Submit Payment Request with documents



Contractor Requirements
Deidre Saunders



dcra On-Site Inspection Record

Government of the District of Columbia
 Department of Consumer and Regulatory Affairs
 Inspections and Compliance Administration
 1100 4th Street SW, Washington, DC 20024 | 202-442-4400 | dcra.dc.gov

Property Address: _____ Unit Number: _____
 Site Representative: _____ Phone #: _____
 Historic Property? Yes NO (NOTE: Third Party Companies cannot inspect Historic Properties.) Parent Building Permit: *N/A*
 Third Party Inspection Company? YES NO Company Name: _____ Company Certification #: _____

Text A, B, C or D to (202) 849-7694.
 How would you rate the inspection process?
 A) Very Good B) Good
 C) Poor D) Very Poor

Inspection Type (IPI Code) Check required inspections	DATE	INITIALS AND BADGE ID #	
		APPROVE	DISAPPROVE
A WALL CHECK MAY BE REQUIRED TO BE APPROVED BY DCRA'S ZONING ADMINISTRATION			
Required? <input type="checkbox"/> <input checked="" type="checkbox"/> Footing (160)			
<input type="checkbox"/> Foundation (130)			
<input type="checkbox"/> Slab / Under Floor (178)			
<input type="checkbox"/> Framing / Pre-Cladding (100)			
<input type="checkbox"/> Insulation / Energy (110)			
<input type="checkbox"/> Fire Rated Assembly (140 and/or 170)			
<input type="checkbox"/> Final (170)			
Required? <input type="checkbox"/> <input type="checkbox"/> FIRE Permit # _____			
Required? <input type="checkbox"/> <input type="checkbox"/> MECHANICAL Permit # _____			
Required? <input type="checkbox"/> <input type="checkbox"/> ELECTRICAL Permit # _____			
Required? <input type="checkbox"/> <input type="checkbox"/> C of O Inspectors Permit # _____			

Inspection Type (IPI Code)
Check required inspections

DATE

INITIALS AND BADGE ID #
APPROVE DISAPPROVE

Required? Ground Work (400)

Required? Rough-in (410)

Required? Final (430) *5/21/20 RL-2045*

Required? Gas Line / Gas Test (485)

Required? Ground Work (225)

Required? Rough-in (215)

Required? Final (200)

Required? IPIF (230)

Required? Building Final (715)

Required? Elevator Certificate Verified

Required? Boiler Inspection Verified

Required? Zoning Use (745)

VER 1.6 (February 2018)

Construction hours in the District of Columbia are Monday – Saturday from 7:00 am – 7:00 pm.
 Customers must apply for an afterhours permit to work beyond these legal construction hours. A full list of no construction holidays can be found on our website at: dcra.dc.gov/page/no-construction-allowed-holidays.

- Complete work 90 days from DOEE Benefit Confirmation Letter or before end of FY
- Contractor will obtain proper DCRA permit
- DCRA or 3rd party inspector will verify and approve the connection*

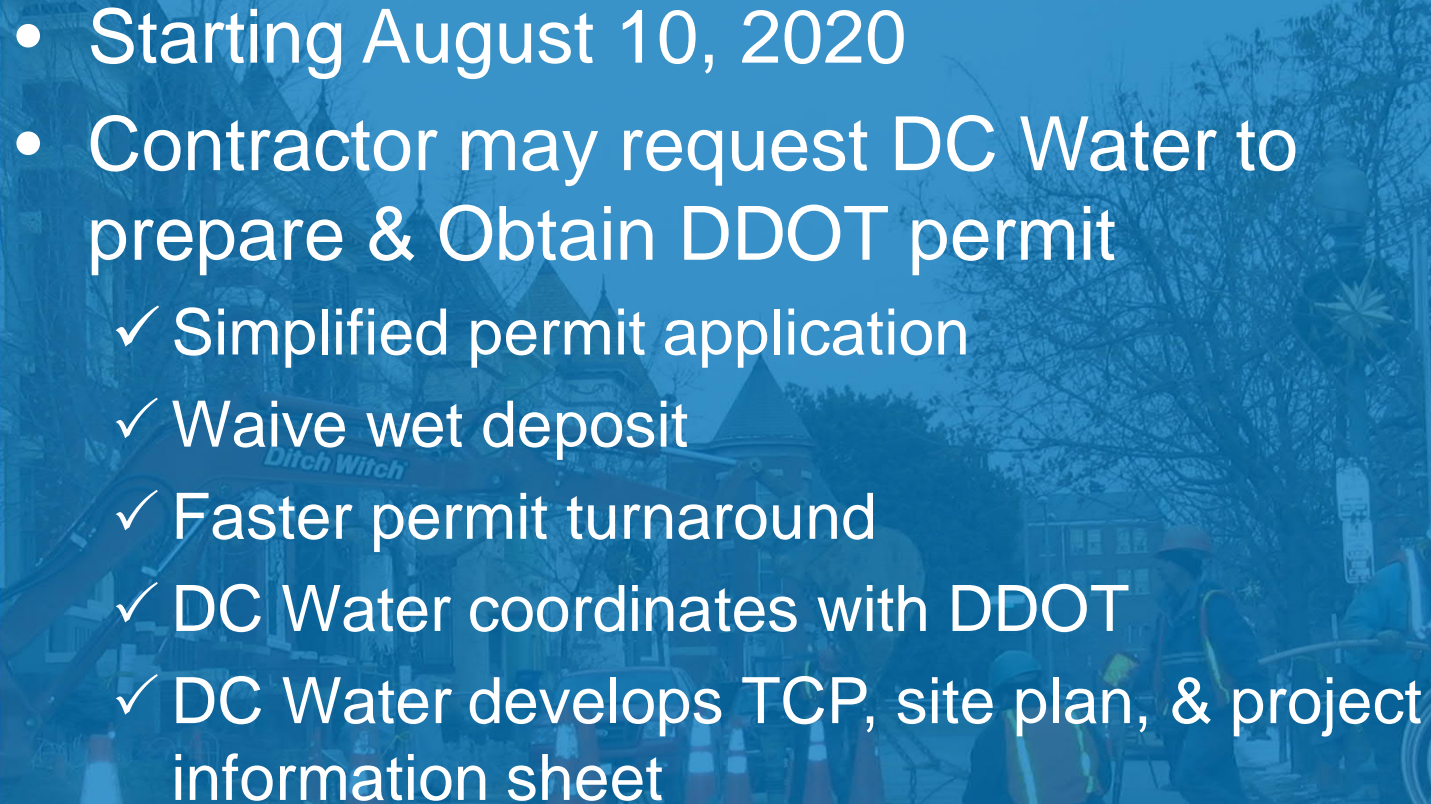


DCRA Permits & Inspection
Deidre Saunders

- 
- DDOT Construction & Occupancy Permit is required when:
 - Place equipment in public space
 - Construction staging in public space
 - Work in public space
 - Permit Application
 - TCP
 - Site Plan
 - Project Information Sheet
 - Maintenance of Traffic must be followed



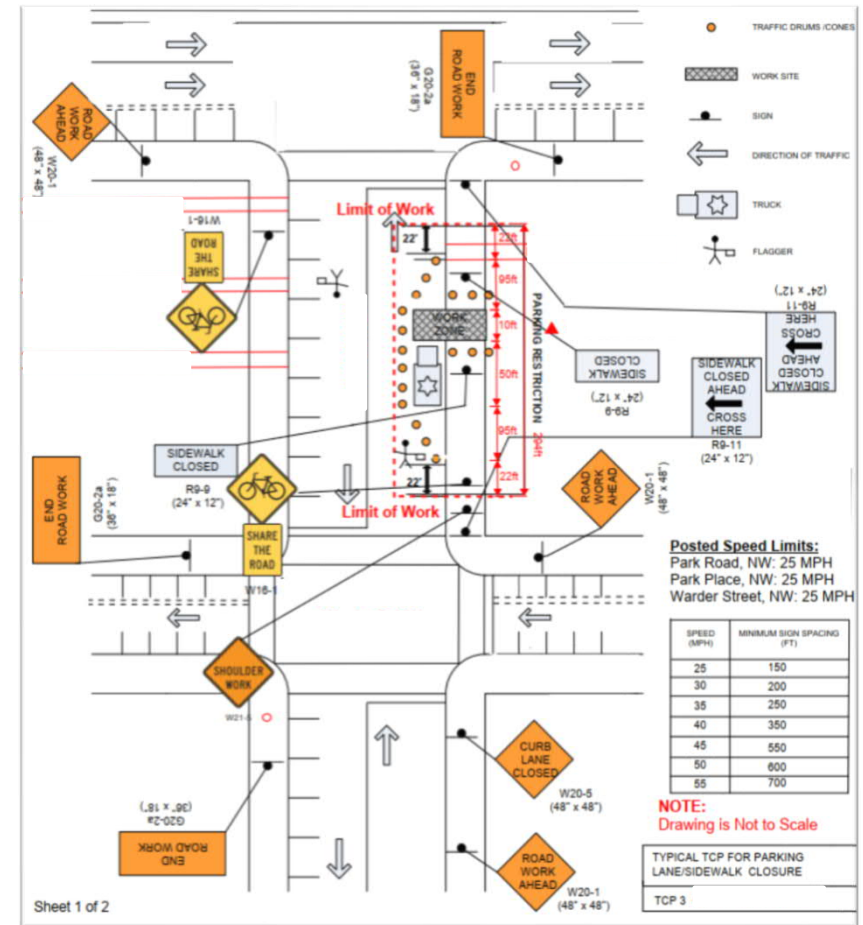
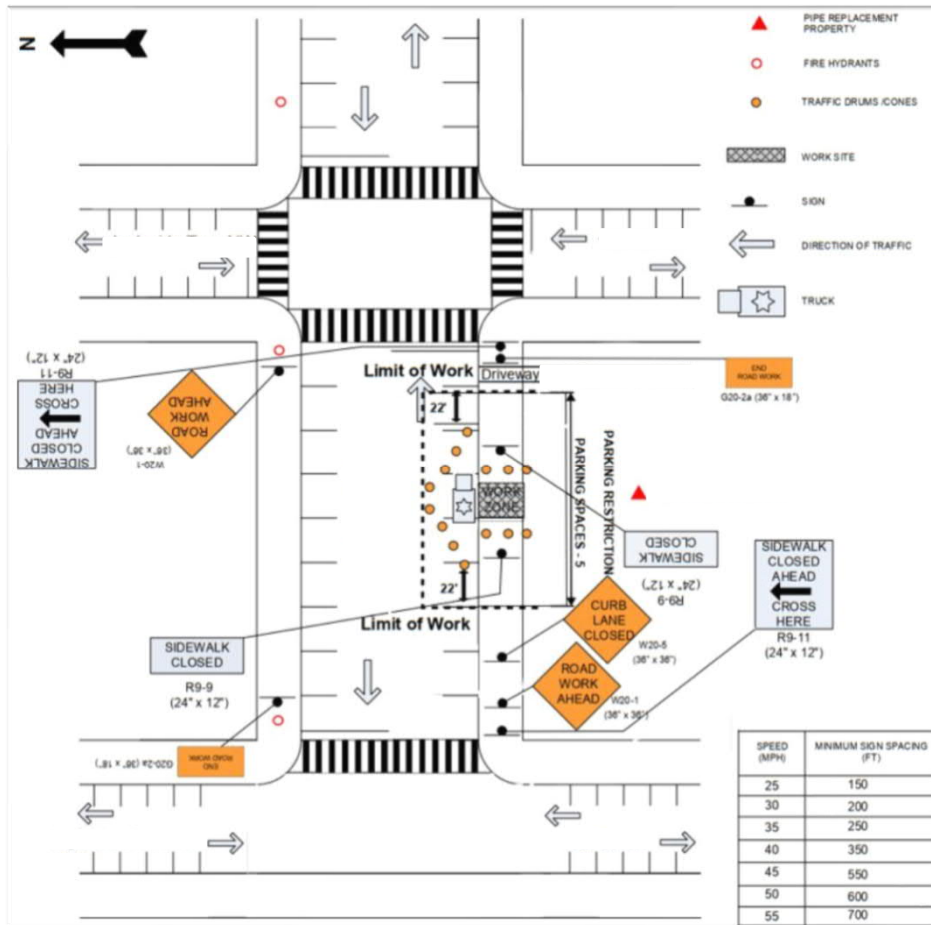
DDOT Permits
Deidre Saunders

- 
- Starting August 10, 2020
 - Contractor may request DC Water to prepare & Obtain DDOT permit
 - ✓ Simplified permit application
 - ✓ Waive wet deposit
 - ✓ Faster permit turnaround
 - ✓ DC Water coordinates with DDOT
 - ✓ DC Water develops TCP, site plan, & project information sheet

*Requires signed Agreement with DC Water



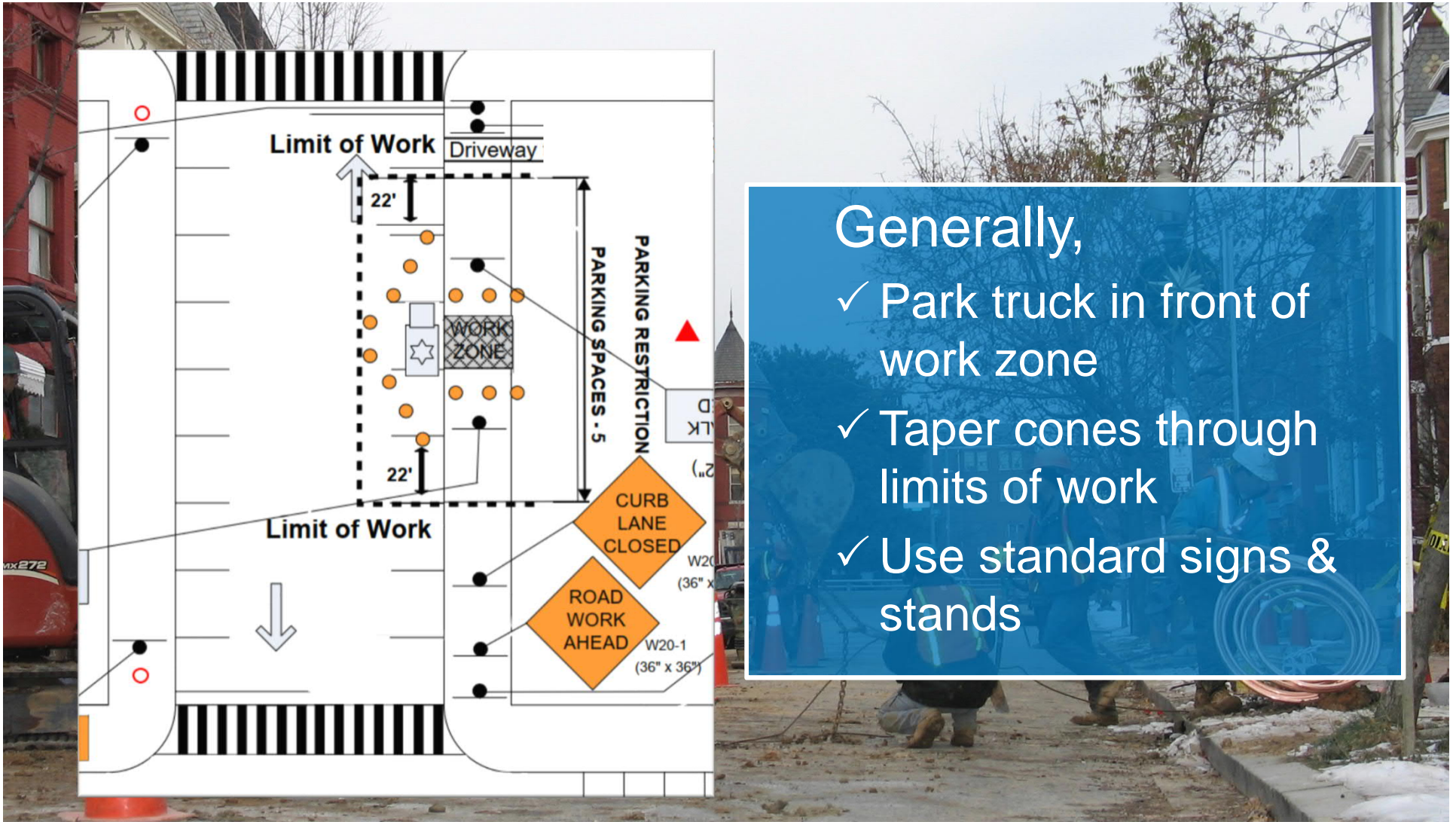
DC Water Permitting Agreement
Deidre Saunders



Maintenance of Traffic (MOT) varies based on site conditions!



Traffic Control Plans
Deidre Saunders

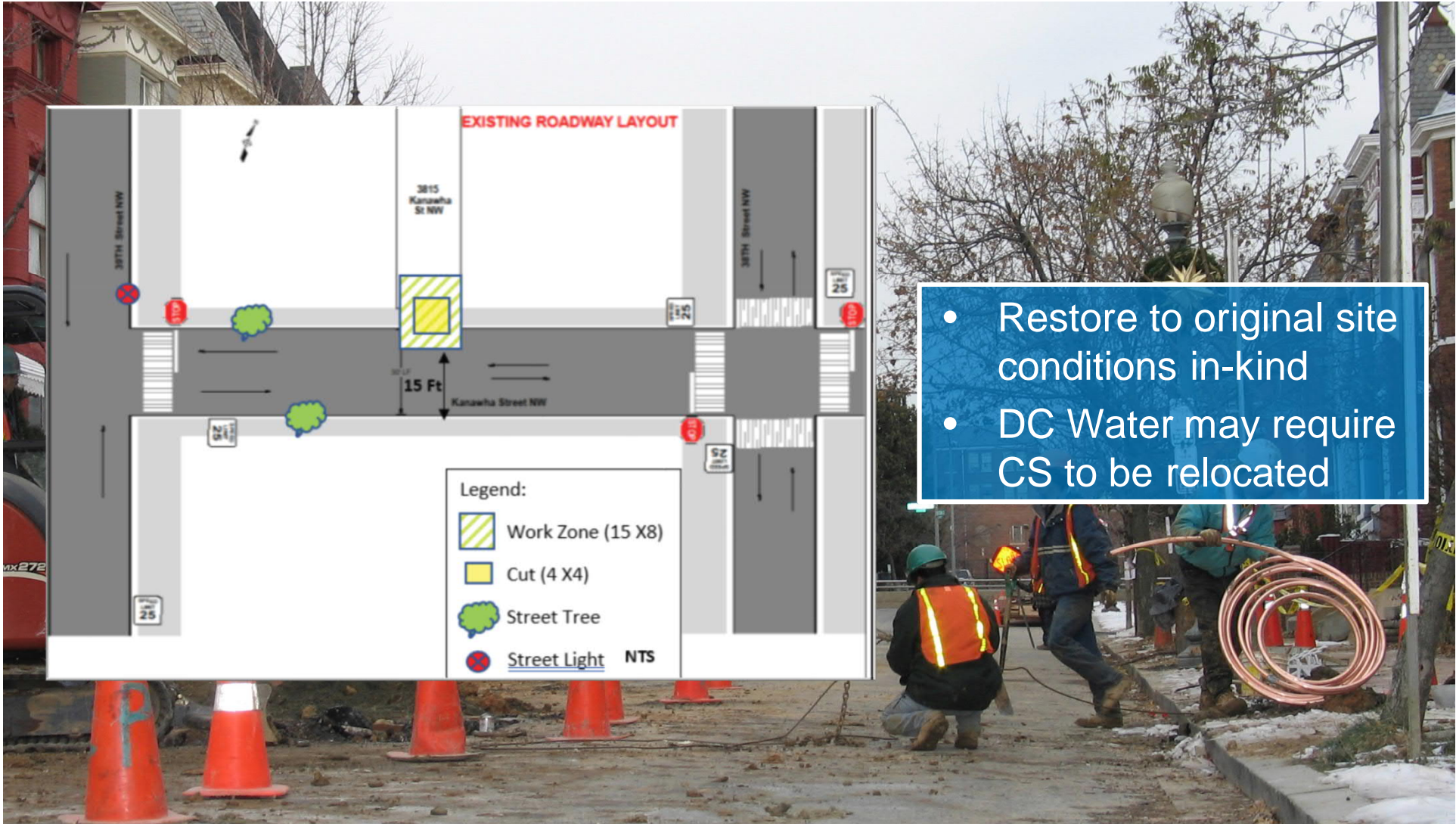


Generally,

- ✓ Park truck in front of work zone
- ✓ Taper cones through limits of work
- ✓ Use standard signs & stands



Traffic Control Plan
Deidre Saunders



- Restore to original site conditions in-kind
- DC Water may require CS to be relocated



Site Plan
Deidre Saunders

1. Initial site visit to locate curb stop & property line
2. Submit Cost Proposal with documents
3. Communicate with DC Water, DDOT, DCRA, & Miss Utility
4. Acquire permits (DCRA, DDOT, etc.)
5. **Submit Payment Request with documents**



Contractor Requirements
Gian Cossa

**Lead Service Line Replacement Assistance Program
Payment Request for Work Performed**



Email completed and signed form to leadwork@dcwater.com or mail to :

DC Water, c/o Gian Cossa-DETS
5000 Overlook Ave SW, Washington DC, 20032

Service Address:	
Customer Name:	
Customer Contact Phone#:	
Plumbing Company Name:	
Plumbing Company Address/Phone#:	
Plumber License#:	
DCRA Permit #:	
DDOT Permit #:	
Date Work Completed:	
Date of DCRA Inspection:	

Current Contract

Item	Description	Unit Type	Unit Price	Quantity	Total Amount	LPRAP Disbursement	Reasonable Cap	Homeowner Responsibility
1.0	Cost of Lead Service Line Replacement with Copper, includes mobilization/demobilization, location of curb stop, backfill, restoration, penetration, and allowance	Lump Sum					\$4,300	
2.1	Turnkey cost of pipe per Linear Foot to be replaced (See Item 1. on graphic) outside and inside the home (minus up to 5' LF of pipe to the 1st fitting) including backfill and restoration.	LF					\$200.00/LF	
2.2	Turnkey penetration cost thru building wall, including LF of copper pipe to 1st fitting (see Item 2. on graphic) including inside shut off valve, internal restoration (seal, patching, drywall and etc.).	Lump Sum					\$1,250	
2.3	Allowance for Communication, DCRA Permits and Miscellaneous	Each					\$700	
3.0	Curb Stop and Curb Stop Box (Contingent)	Each					\$500	
4.0	Special Conditions. Attach supporting documentation including photos and written explanations (ex. restoration of private property with sod, paved surfaces and extenuating interior restoration conditions).	Lump Sum					Supporting documentation required	
5.0	DDOT Permitting Costs	Each					Supporting documentation required	
6.0	Allowance for expedited contracted review in case DCRA inspectors are unavailable to provide inspection on requested schedule. Attach documentation of payment.	Each					\$450	
7.0	Test pit to verify service pipe material and NO lead is found (includes mobilization/demobilization)	Lump Sum					\$1,200	

Actual Final Cost:

For DC Water Internal Use Only:

Following pictures have to be included with payment request:

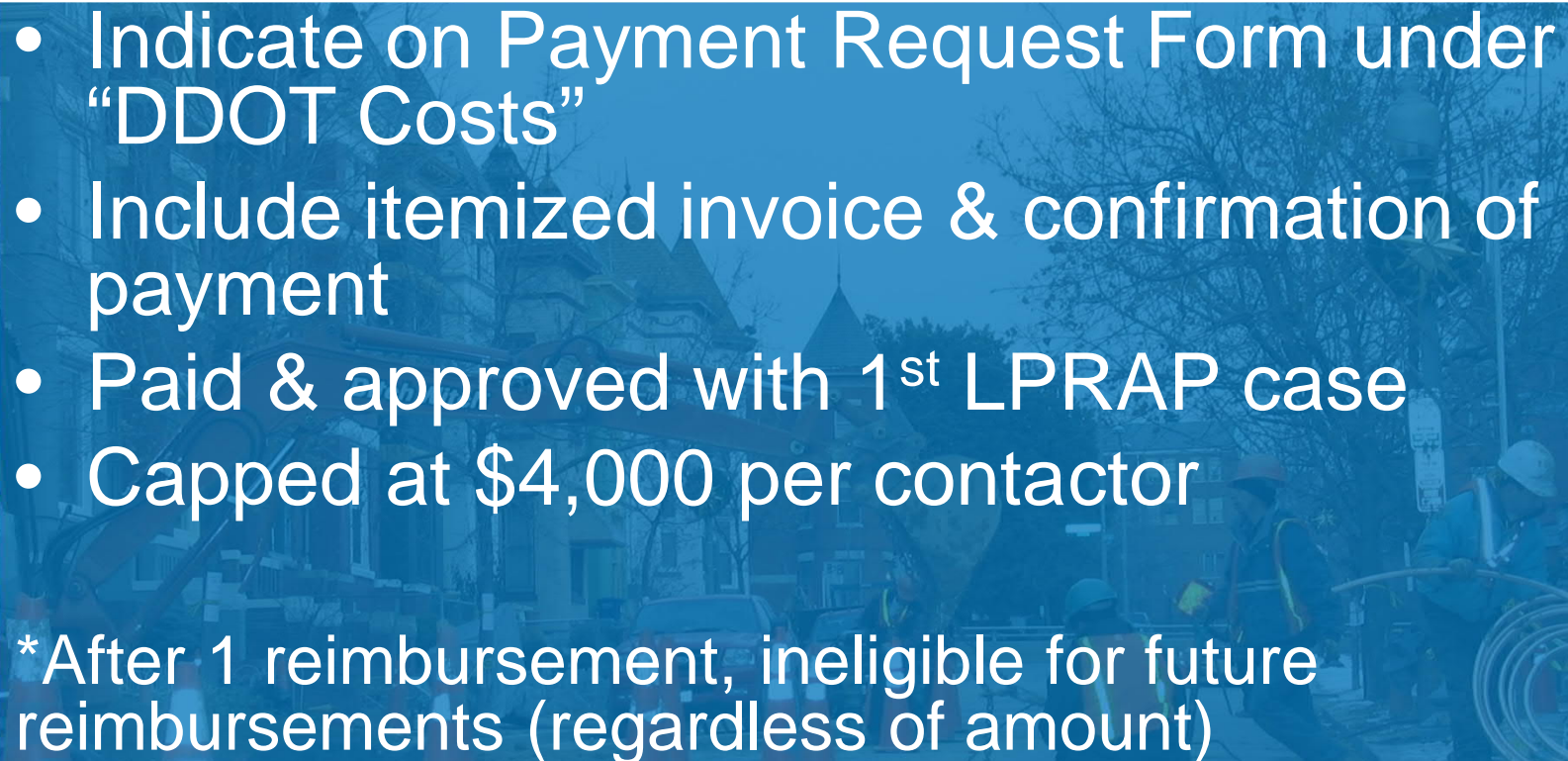
1. Picture of External new pipe connection to corporation stop
2. Picture of internal pipe connection including shut off valve
3. Restoration before and after pictures
4. Completed Tap Card
5. DCRA Inspection Report
6. Picture of new curb stop and curb stop box, if applicable

Homeowner Signature:

Date:



**Payment Request
Gian Cossa**

- 
- Indicate on Payment Request Form under “DDOT Costs”
 - Include itemized invoice & confirmation of payment
 - Paid & approved with 1st LPRAP case
 - Capped at \$4,000 per contactor
- *After 1 reimbursement, ineligible for future reimbursements (regardless of amount)



1-time MOT Equipment Reimbursement
Gian Cossa

Item	Quantity	Sign Code	Notes
Cones	10		Used for every case
Road Work Sign	6	W20-1	Used for every case
End Road Work Sign	6	G20-2a	Used for every case
Sidewalk Closed Sign	2	R9-9	Used for every case
Sidewalk Closed Ahead, Cross Here Sign	2	R9-11	Used for every case
Spring Stands	14		Used for every case
Sidewalk Closed Stand	4		Used for every case
Curb Lane Closed Sign	1	W20-5	Used where no parking in front of house
Bicycle Share the Road Sign	2	W16-1	Used where bike lane in front of house
Pedestrian Detour Sign	2	R-98	Used where no sidewalk on either side of street; replaces sidewalk closed signs
Tree Protection 6'-tall, 7.5' wide Chain-Linked Fence (9' x 4' area)	6		Used for cases where meter or curb stop is close to a tree



Sample MOT Equipment Inventory

Gian Cossa



9	Size of Service installed	¾ - 1	1½ - 2
	Service installed Material		
10	Size of Curb Stop	¾ - 1	1½ - 2
11	Location of Curb-Stop (Ties)	Left Corner of House to CS 54 LF	Right Corner of House to CS 49 LF
12			
17	Additional Remarks		
18	Existing Material	PRIVATE Curb-Stop to House	
	Circle Material identified in Test Pit/Removed Pipe Material (test Pit) and New Installed Pipe Material (Install)		
19	Test Pit	L/C/B/G/DI/PVC	
20	Install	L/C/B/G/DI/PVC	
		(Lead/Copper/Brass/Galvanized/Ductile Iron/PVC)	
	Size	¾ - 1	1½ - 2
21	Pipe	Curb-stop to Face	52 LF
22	Replaced	Inside house	2 LF
23		Private side Total	54 LF
24	Existing Service Line	Removed?	Yes <input type="checkbox"/> If No, provide length of pipe abandoned in place. LF
31			
32	PLUMBERS SIGNATURE John Doe		
33	DATE 4/20/2020		



Tap Card
Gian Cossa


- 
1. New connection inside the house
 2. New connection at CS
 3. Final restoration
 4. Special conditions
 5. Other photos to protect your work as a Contractor



Photo Documentation
Gian Cossa



Internal



External



Photos of Connection
Gian Cossa



Photo of Final Restoration
Gian Cossa



BANK OF AMERICA 

Paymode-X 

Welcome to DC Water's Chosen Payment Network!

JOIN TODAY TO BE PART OF OUR E-PAYMENT SYSTEM

DC Water's Accounts Payable department utilizes the Paymode-X® service offered by Bank of America to replace paper checks and other traditional electronic payments. We are asking our vendors and suppliers to enroll in Paymode-X so that all future payments are made electronically using this service.

We will begin making payments to you electronically once you have enrolled and have been activated in Paymode-X.

SIGN-UP IS EASY

LESS THAN 10 MINUTES!

WHAT YOU'LL NEED

- ▶ Your company's legal name, main telephone number and all physical and remittance addresses used by your company
- ▶ Your company's US federal employer identification number (EIN)
- ▶ Your company's bank account information, including ACH routing and account numbers

[JOIN NOW](#) 

 secure enrollment

REALIZE THE BENEFITS OF PAYMODE-X

 Saves Time & Money

 Offers Robust Reporting

 125,000 COMPANIES AND GROWING!

paymode.com/dcwater



E-Payment Registration

Gian Cossa



Failure to meet contractor requirements will result in removal from Approved Contractor List.

- × Issuance of adverse judgement, Notice of Violation, etc.
- × Significant customer complaints
- × Failure to keep appointment times
- × Lack of appropriate equipment



Approved Contractor List
John Deignan



Questions?

DC Water: leadwork@dcwater.com

DOEE: leadline.replacement@dc.gov