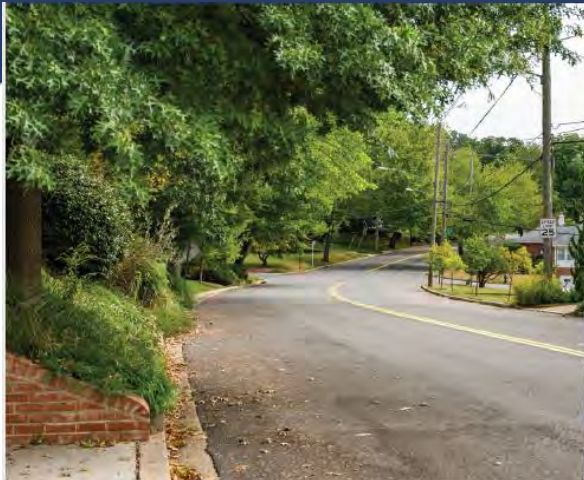




CHESTNUT STREET SIDEWALK IMPROVEMENT PROJECT

30% Design
March 19th, 2020

d.



PROJECT BACKGROUND

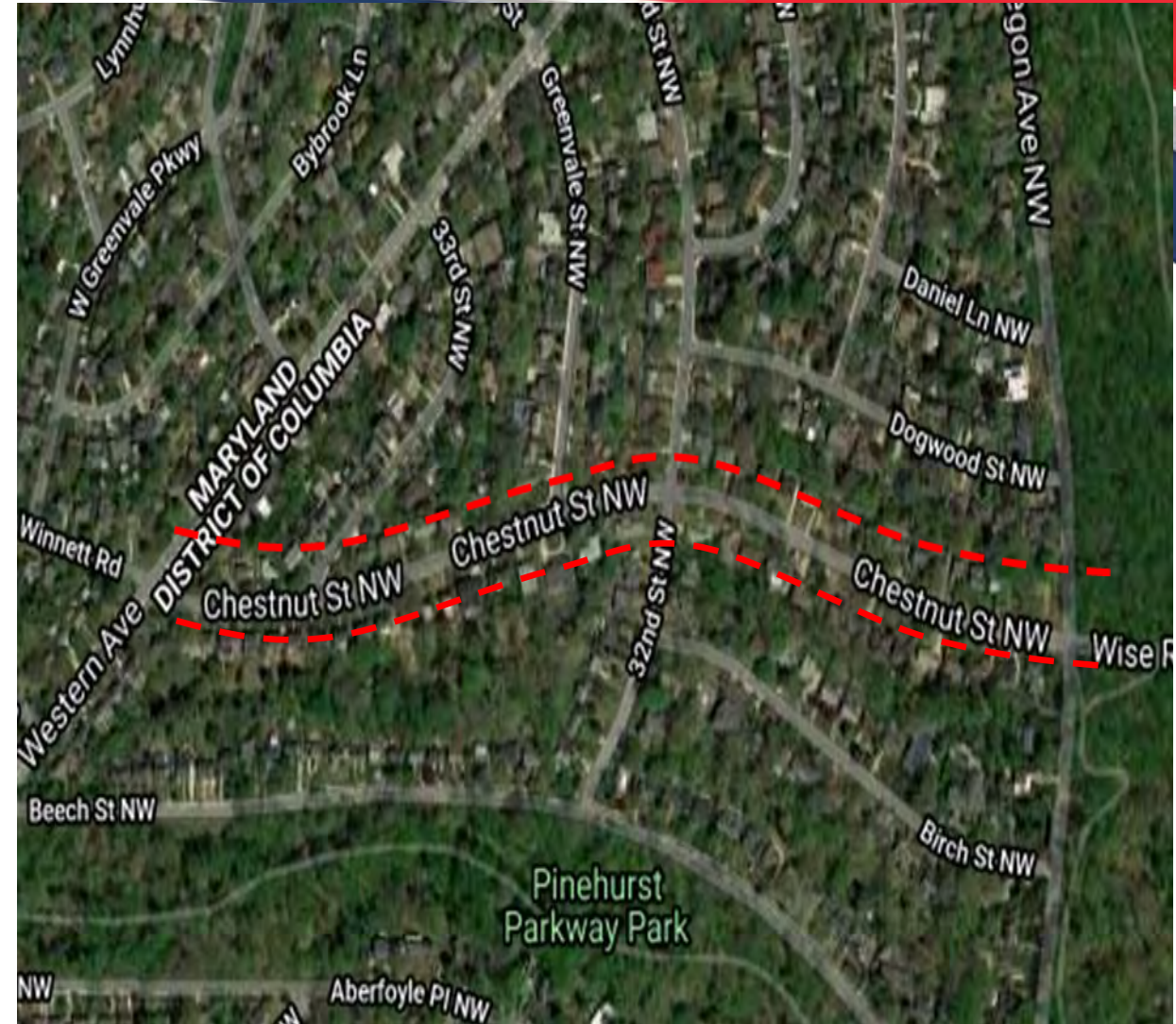
Chestnut Street Sidewalk Improvements will incorporate appropriate pedestrian facilities along the north side of Chestnut Street.

Provide a safer environment for pedestrians, bicyclist and motorist in the community.

Install adequate crosswalks and provide accessibility to and from the existing bus stops along the corridor.

Americans With Disabilities (ADA) compliant curb ramps.

Landscape restoration as required along with the new landscape.



SCHEDULE/BUDGET

30 % Design:

- Completed: March 10, 2020

65 % Design:

- Anticipated Completion: Spring 2020

Final Design:

- Anticipated Completion: Fall 2020

Pre-Construction Procurements:

- Anticipated Completion: Late Winter 2021

Construction:

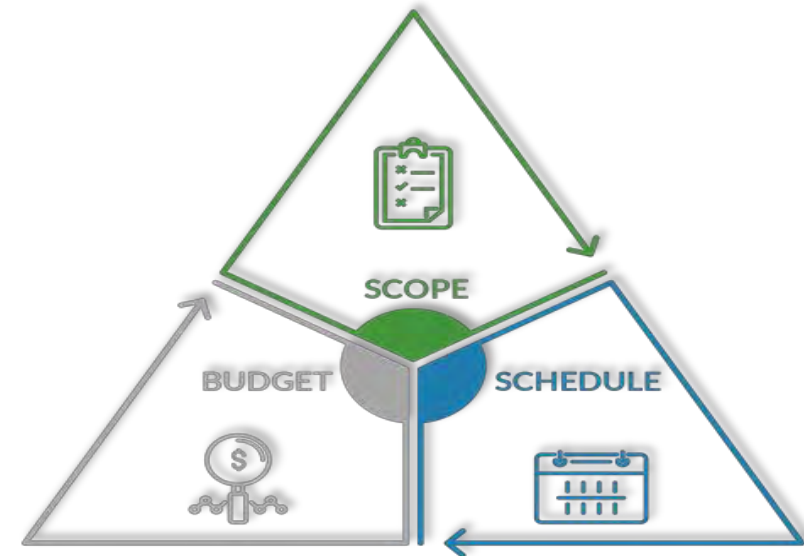
- Anticipated Construction Start: Spring 2021
- Anticipated Construction End: Winter/Spring 2022

Project Budget:

Design budget: \$502,000

Estimated Construction

Budget: \$2.3M



EXISTING ROADWAY CONDITION/ILLUTRATION

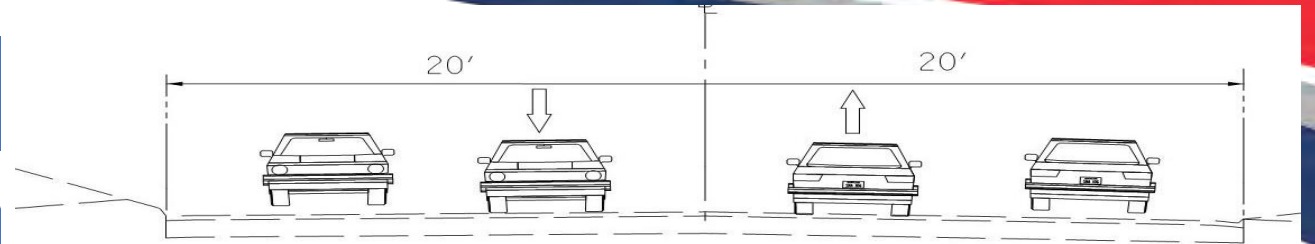
No sidewalk

40' Curb to curb width

No curb ramps or crosswalks at intersections

Limited existing traffic controlling signage

Poor roadway alignment at Chestnut Street & 33rd Street



EXISTING TYPICAL SECTION
CHESTNUT STREET



PROPOSED ROADWAY

34' Curb to curb width

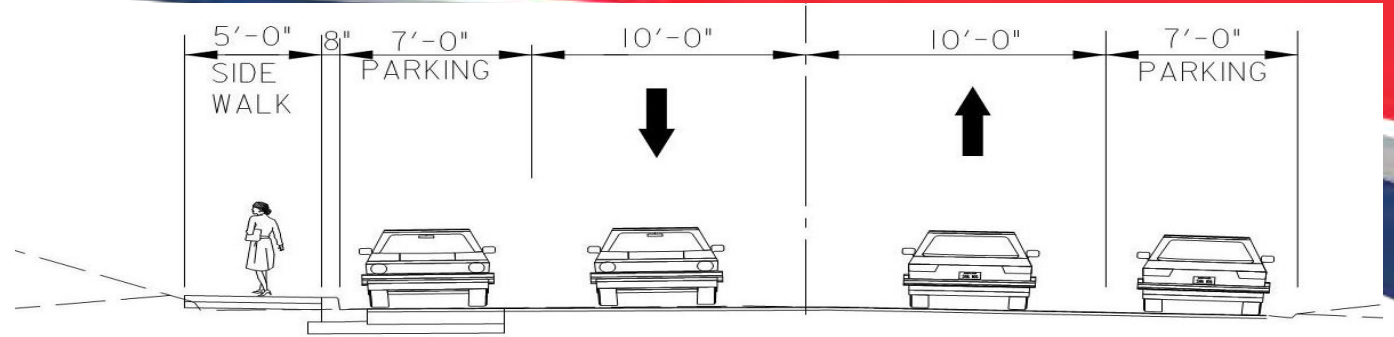
5' Rubberized porous sidewalk

ADA curb ramps and crosswalks at intersections

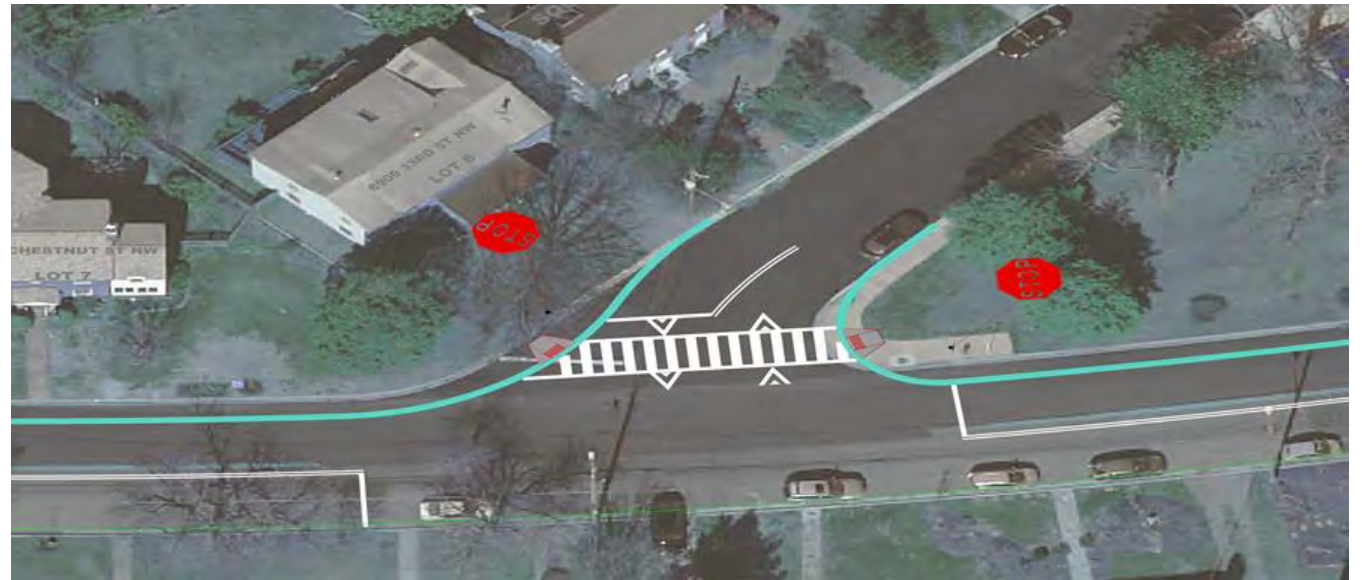
Proposed traffic controlling signage

Landscape architecture

Improved roadway alignment at Chestnut Street & 33rd Street intersection



ROADWAY TYPICAL SECTION A
CHESTNUT STREET



SIDEWALK COMPOSITION

Sidewalk will be constructed using porous materials to provide an environmentally friendly construction project, reducing the need for environmental mitigation.

Porous sidewalk construction is a mainstream feature utilized industry wide and has multiple applications.

Porous Sidewalk is durable and sustainable.

Porous sidewalks improve water quality and minimize flooding in local streams.

Driveway aprons will be constructed in accordance with The District Department of Transportation (DDOT) standards on the north side of the roadway.



Pictures shown in this presentation are for representation purposes only.*

Landscape – Tree Space

Sidewalk improvements along the Chestnut Street corridor will not require removal of healthy trees for design accommodations.

The District Department of Transportation (DDOT) shall install trees, where appropriate, as shown in the accompanying plan sheet handouts.

Pre-existing trees along the proposed sidewalk that are determined to be unhealthy shall be removed and replaced at the recommendation of RHI, Landscape Architects, in consultation with DDOT.



Pictures shown in this presentation are for representation purposes only.*



CHESTNUT STREET SIDEWALK IMPROVEMENT PROJECT

Please forward all questions and comments to our community outreach team led by TB&A and Jam Kendrick.

➤ Email: (Jam@TBAconnects.com) Phone: 202-808-5400

DDOT's project manager, Samer Alhawamdeh

➤ Email: (Samer.Alhawamdeh@dc.gov) Phone: 2026458620

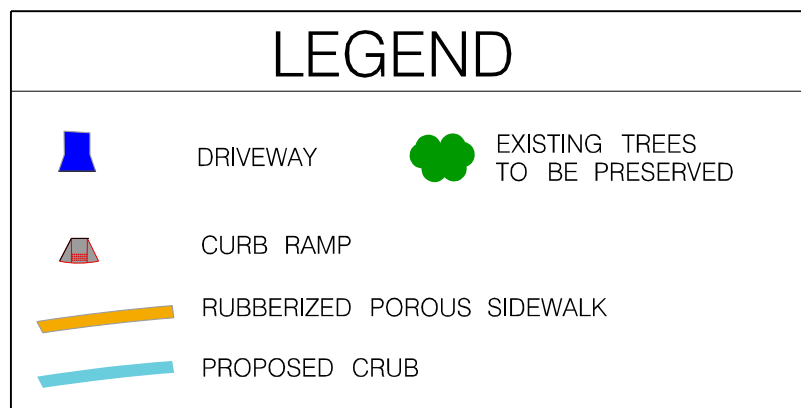
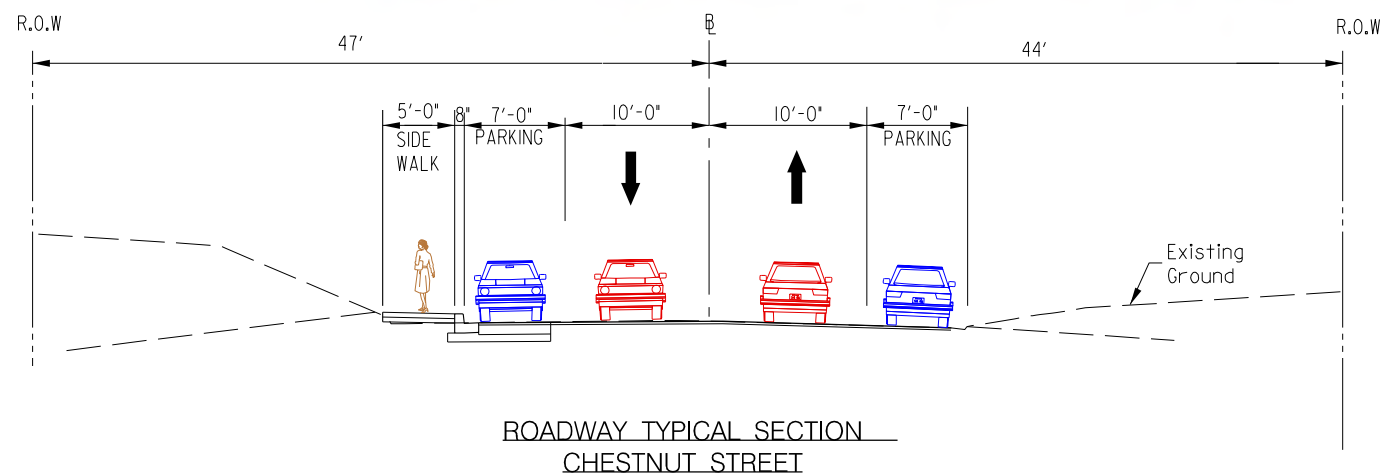
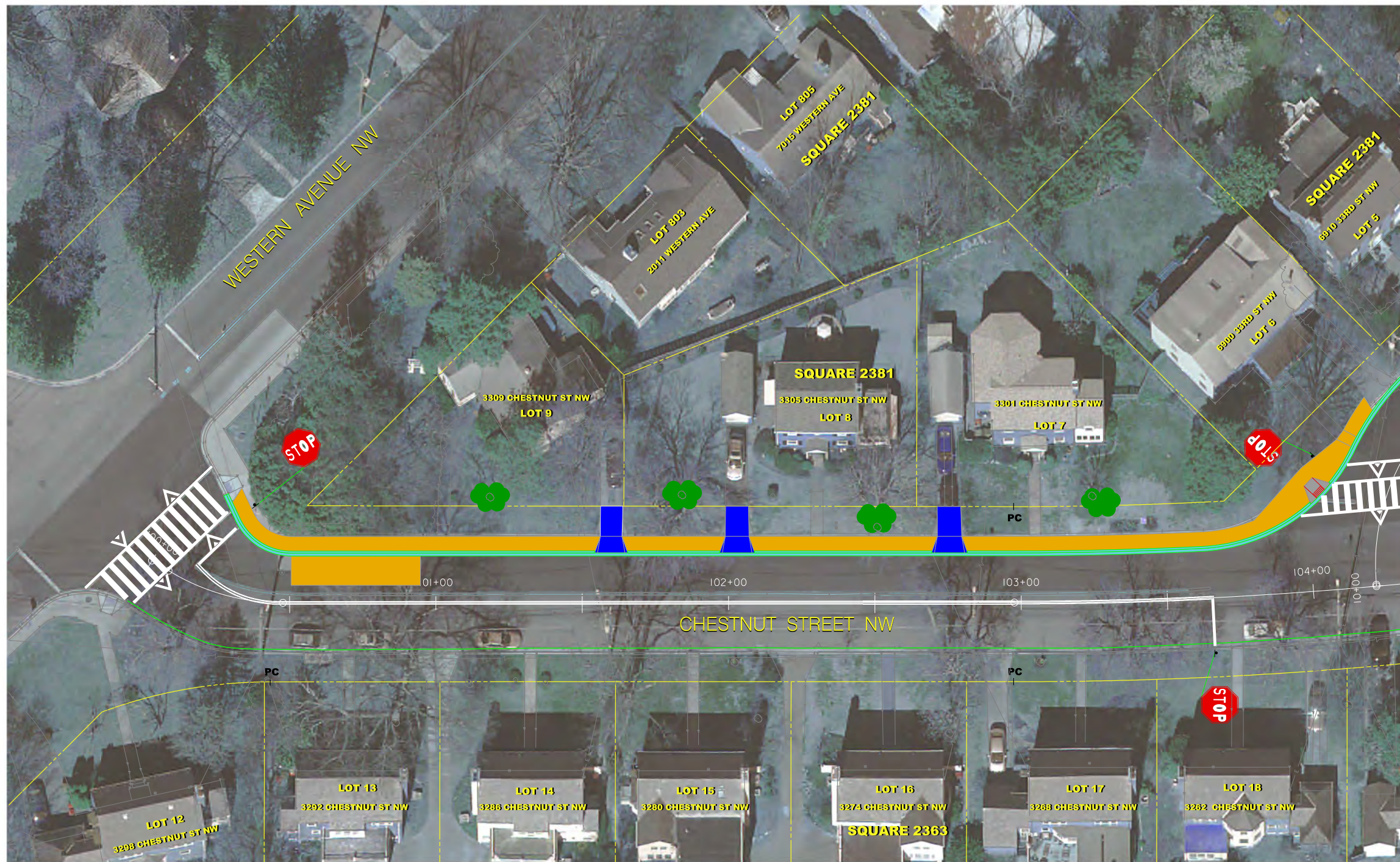




CHESTNUT STREET SIDEWALK IMPROVEMENT PROJECT

Appendix – Plan View Drawings

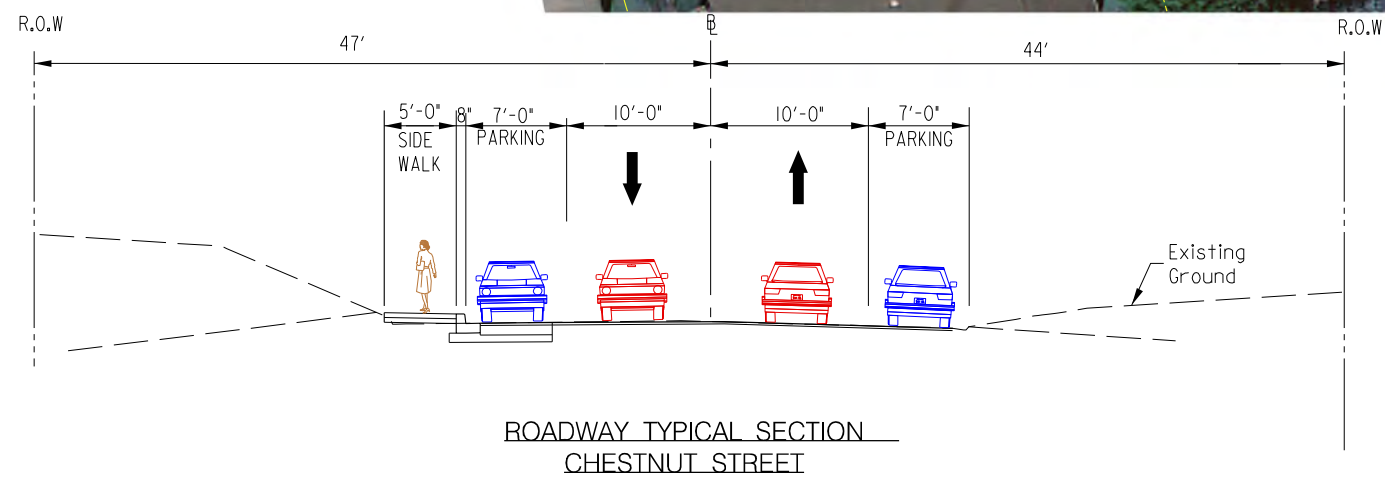
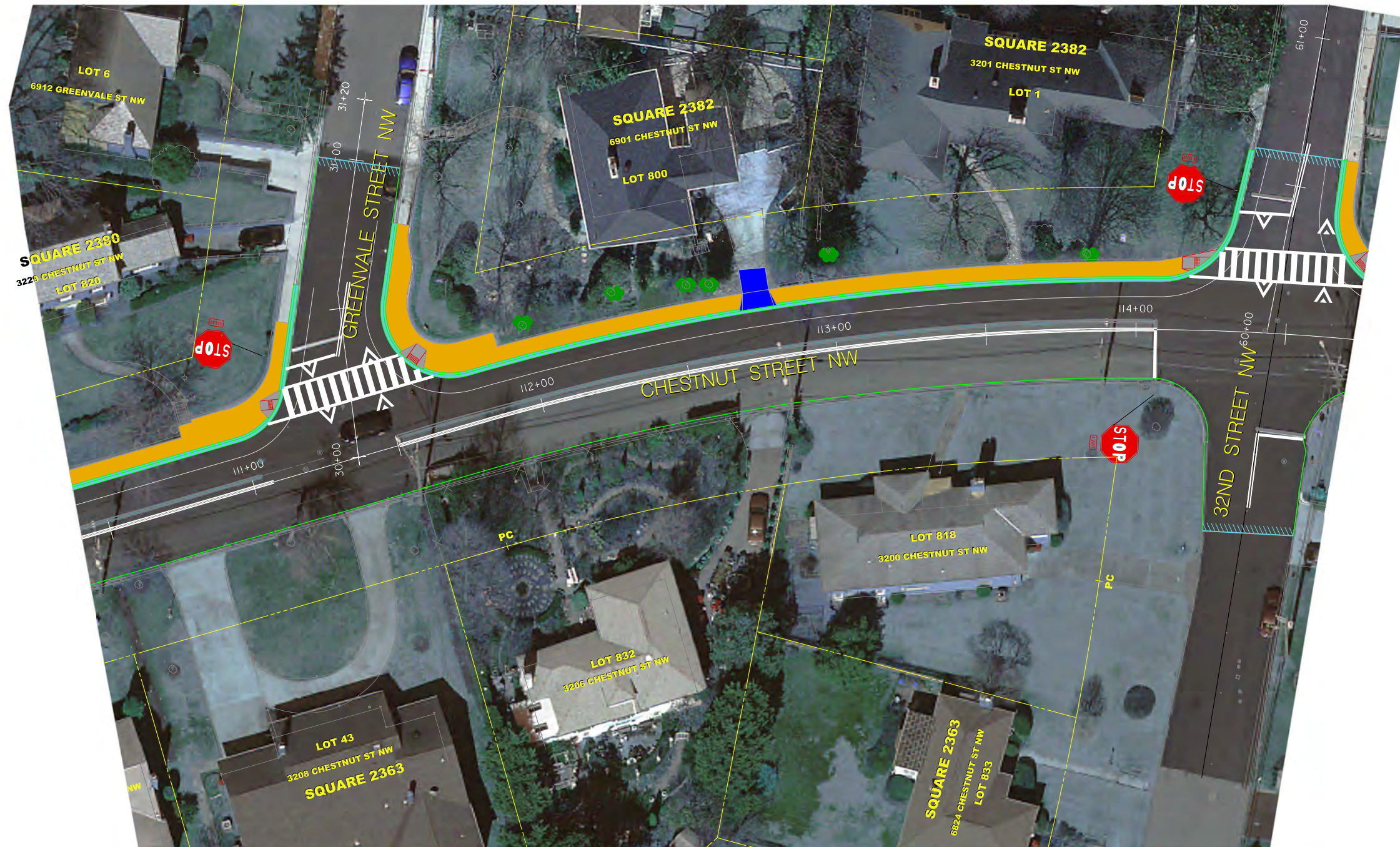
d.



D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

CHESTNUT STREET SIDEWALK IMPROVEMENT
FROM WESTERN AVENUE N.W.
TO OREGON AVENUE N.W.

SHEET 1 OF 4
WESTERN AVENUE NW
TO 33RD STREET NW



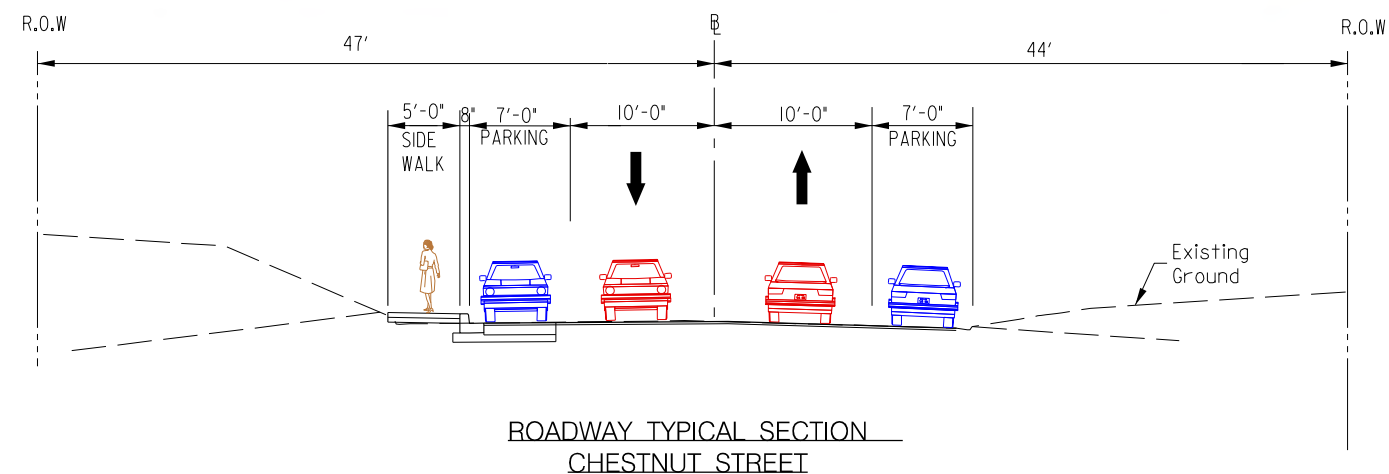
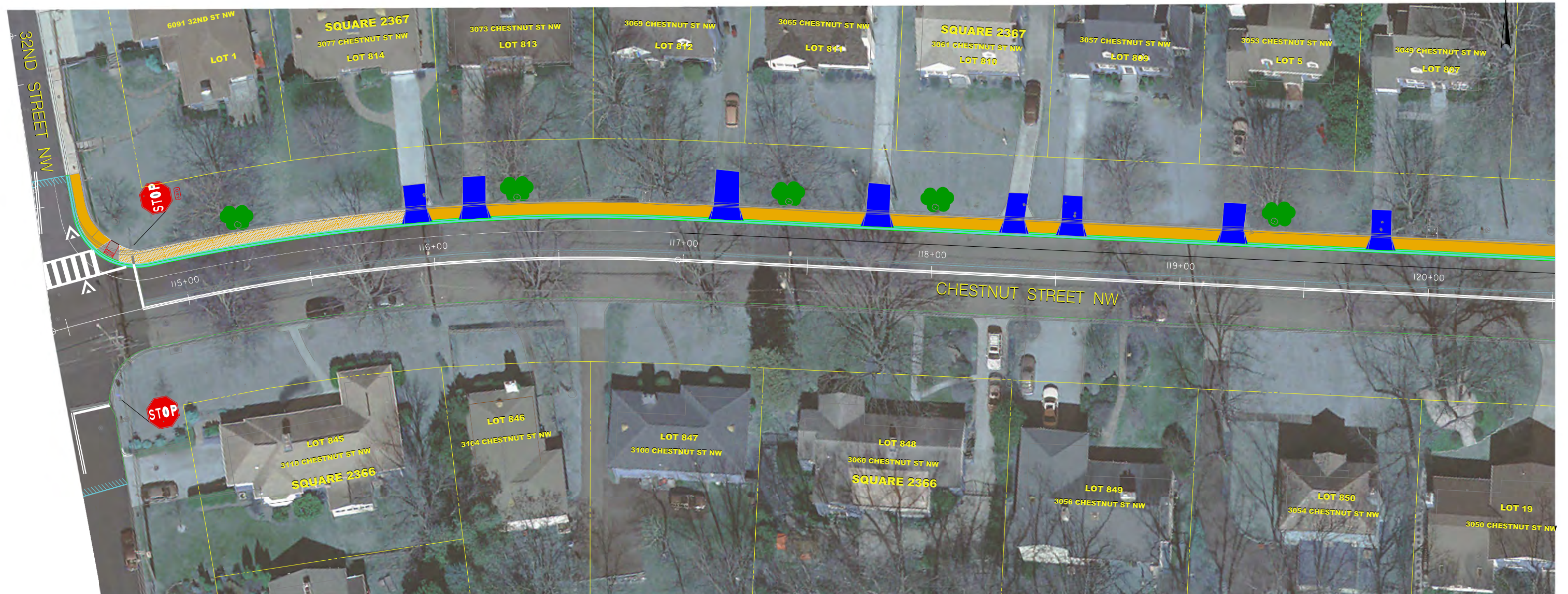
LEGEND

- | | | | |
|--|----------------------------|--|--------------------------------|
| | DRIVEWAY | | EXISTING TREES TO BE PRESERVED |
| | CURB RAMP | | |
| | RUBBERIZED POROUS SIDEWALK | | |
| | PROPOSED CRUB | | |

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

CHESTNUT STREET SIDEWALK IMPROVEMENT
FROM WESTERN AVENUE N.W.
TO OREGON AVENUE N.W.

SHEET 3 OF 4
GREENVALE STREET NW
TO 32ND STREET NW



LEGEND

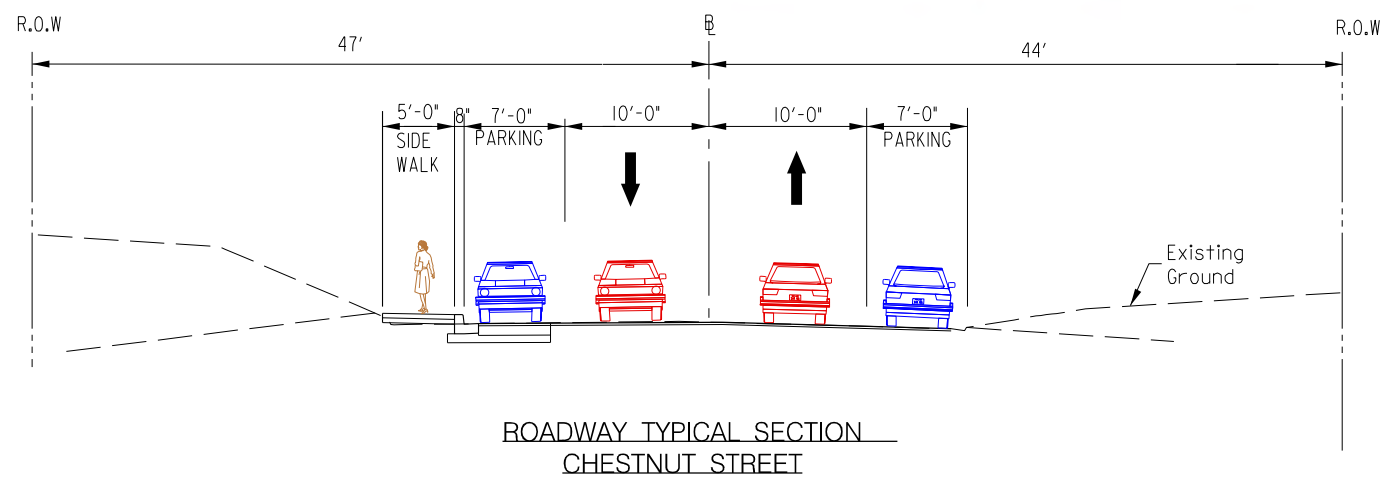
- | | | | |
|--|----------------------------|--|--------------------------------|
| | DRIVEWAY | | EXISTING TREES TO BE PRESERVED |
| | CURB RAMP | | |
| | RUBBERIZED POROUS SIDEWALK | | |
| | PROPOSED CRUB | | |

SHEET 4A

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

CHESTNUT STREET SIDEWALK IMPROVEMENT
FROM WESTERN AVENUE N.W.
TO OREGON AVENUE N.W.

SHEET 4 OF 4
32ND STREET NW
TO OREGON AVENUE NW



LEGEND

	DRIVEWAY		EXISTING TREES TO BE PRESERVED
	CURB RAMP		
	RUBBERIZED POROUS SIDEWALK		
	PROPOSED CRUB		

SHEET 4B

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

CHESTNUT STREET SIDEWALK IMPROVEMENT
FROM WESTERN AVENUE N.W.
TO OREGON AVENUE N.W.

SHEET 4 OF 4
32ND STREET NW
TO OREGON AVENUE NW



-  Existing street tree
DDOT rated Good to Excellent
-  Existing privately owned tree
near construction area
-  Proposed street tree

EXISTING STREET TREE DATA (DDOT URBAN FORESTRY DIVISION)

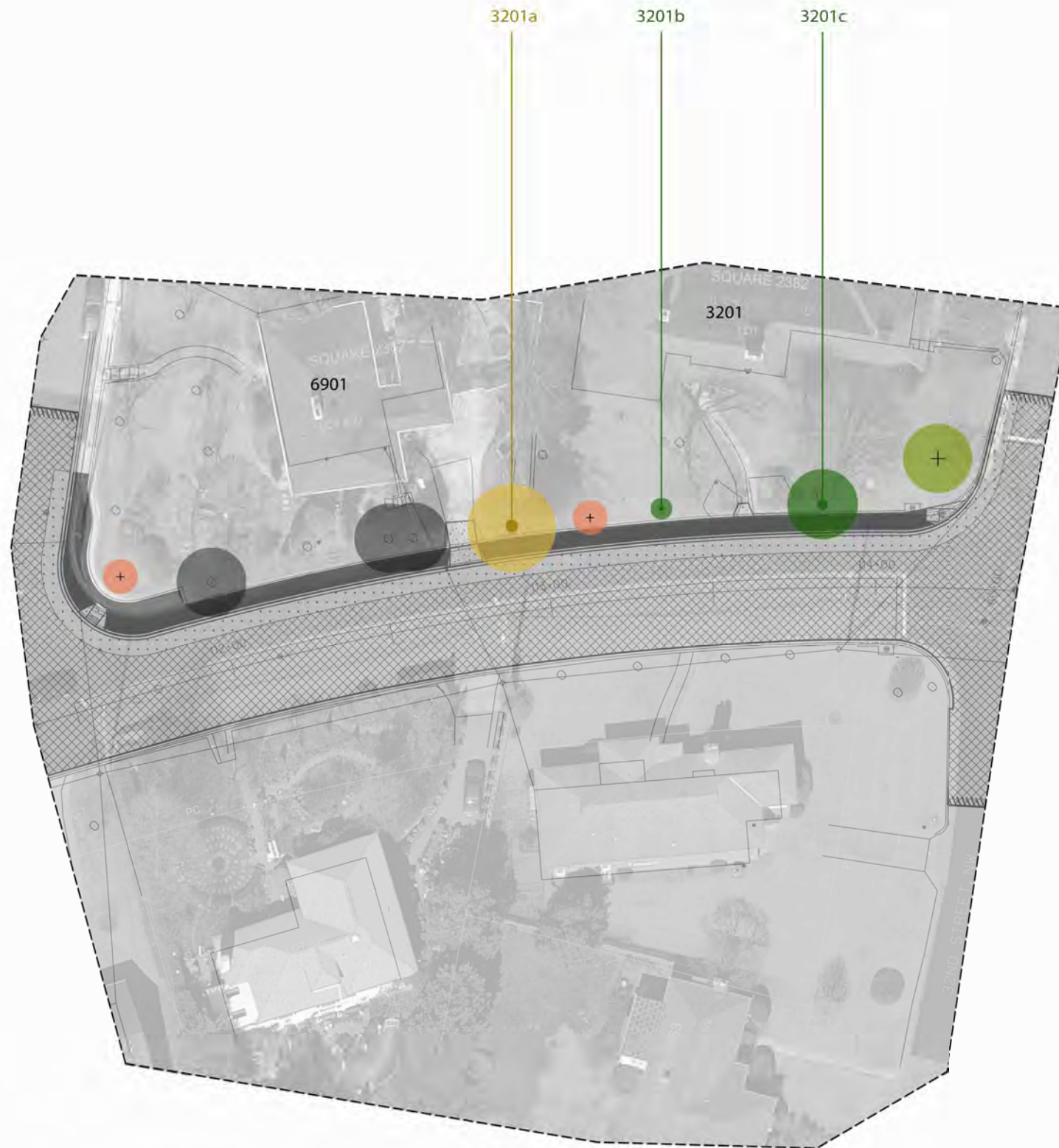
Photograph Key (Above)	3305a	3305b	6900a	6900c
DDOT Tree Identification	39127539	39182540	39138069	39158492
Scientific Name	Acer rubrum	Acer rubrum	Liquidambar styraciflua	Quercus palustris
Common Name	Red Maple	Red Maple	Sweetgum	Pin Oak
Trunk Diameter at Breast Height	25.3"	23.2"	2"	19.2"
DDOT Condition Rating	Good	Good	Good	Good
DDOT Database Updated	8/28/2018	2/1/2016	9/28/2018	2/1/2016

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

CHESTNUT STREET SIDEWALK IMPROVEMENT
FROM WESTERN AVENUE N.W.
TO OREGON AVENUE N.W.

STREET TREE ANALYSIS AND RECOMMENDATIONS
WESTERN AVENUE TO 33RD STREET, NW





-  Existing street tree
DDOT rated Good to Excellent
-  Existing street tree
DDOT rated Fair
-  Existing privately owned tree
near construction area
-  Proposed street tree
-  Proposed flowering tree

EXISTING STREET TREE DATA (DDOT URBAN FORESTRY DIVISION)

Photograph Key (Above)	3201a	3201b	3229c
DDOT Tree Identification	39094550	39205832	39130715
Scientific Name	<i>Acer rubrum</i>	<i>Cercis canadensis</i>	<i>Cornus florida</i>
Common Name	Red Maple	Eastern Redbud	Flowering Dogwood
Trunk Diameter at Breast Height	20.6"	2"	7"
DDOT Condition Rating	Fair	Good	Good
DDOT Database Updated	8/21/2012	9/18/2015	11/5/2015

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

CHESTNUT STREET SIDEWALK IMPROVEMENT
FROM WESTERN AVENUE N.W.
TO OREGON AVENUE N.W.

STREET TREE ANALYSIS AND RECOMMENDATIONS
GREENVALE STREET to 32ND STREET, NW



- Existing street tree
DDOT rated Good to Excellent
- Existing street tree
DDOT rated Fair
- Existing street tree
DDOT rated Fair
- Existing privately owned tree
near construction area
- + Proposed street tree
- + Proposed flowering tree
- ✕ Street tree replacement
recommended

EXISTING STREET TREE DATA (DDOT URBAN FORESTRY DIVISION)

Photograph Key (Above)	6901d	3073	3069	3065	3061	3057	3053	3049	3045a	3045b	3035	3019	3001a
DDOT Tree Identification	39079782	39120350		39134091	39048747	39076764	39084597	39084596	39054283	39054664	39205161	39075751	39078366
Scientific Name	Acer rubrum	Acer rubrum	Acer rubrum	Acer rubrum	Liquidambar styraciflua	Acer rubrum	Acer rubrum	Acer rubrum	Cercis	Cercis	Prunus virginiana	Nyssa sylvatica	Acer rubrum
Common Name	Red Maple	Red Maple	Red Maple	Red Maple	Sweetgum	Red Maple	Red Maple	Red Maple	Redbud	Redbud	Chokeberry	Tupelo	Red Maple
Trunk Diameter at Breast Height	20"	30.5"	22"	19.1"	2"	15.6"	31.2" DBH	26.4"	3"	3"	2.5"	2"	24"
DDOT Condition Rating	Poor	Good	Good	Excellent	Excellent	Good	Good	Good	Good	Good	Excellent	Good	Good
DDOT Database Updated	8/7/2019	2/1/2016	4/11/2018	2/1/2016	12/15/2016	2/1/2016	5/22/2019	5/22/2019	2/1/2016	2/1/2016	1/6/2017	10/3/2016	2/1/2016



D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

CHESTNUT STREET SIDEWALK IMPROVEMENT
FROM WESTERN AVENUE N.W.
TO OREGON AVENUE N.W.

STREET TREE ANALYSIS AND RECOMMENDATIONS
32ND STREET TO OREGON AVENUE, NW



District Department of Transportation