

APPENDIX B

ASPHALT CORING RESULTS

W 11th Avenue

Core No.	Material Type	Thickness	Depth	DCP Results (Blows/1.75") /Notes
C-1	Wearing Course	1.25"	1.25"	
	Base Course	2.25"	3.50"	3.50" Total Asphalt
	Fine Subbase	2.00"	5.50"	
	Ballast	6.00"	11.50"	
	Subgrade: SILT, trace gravel, trace sand		11.50"+	4-7-9

Core No.	Material Type	Thickness	Depth	DCP Results (Blows/1.75") /Notes
C-2	Wearing Course	1.50"	1.50"	
	Binder Course	2.50"	4.00"	
	Base Course	1.50"	5.50"	5.50" Total Asphalt
	Subbase: Slag and Fines	6.00"	11.50"	
	Soil Subgrade		11.50"+	17-13-12

Core No.	Material Type	Thickness	Depth	DCP Results (Blows/1.75") /Notes
C-3	Wearing Course	2.00"	2.00"	
	Base Course	8.00"	10.00"	10.00" Total Asphalt
	Subbase: 2A Stone	12.00"	22.00"	

E 11th Avenue

Core No.	Material Type	Thickness	Depth	DCP Results (Blows/1.75") /Notes
C-16	Wearing Course	1.00"	1.00"	
	Binder Course	0.50"	1.50"	
	Base Course	4.50"	6.00"	6.00" Total Asphalt
	Subbase: 2A Stone	5.00"	11.00"	
	Subgrade: Sandy GRAVEL, some silt		11.00"+	19-25-19

Core No.	Material Type	Thickness	Depth	DCP Results (Blows/1.75") /Notes
C-17	Wearing Course	2.00"	2.00"	
	Binder Course	0.50"	2.50"	
	Base Course	1.50"	4.00"	4.00" Total Asphalt
	Subgrade: SILT, trace gravel, trace sand		4.00"+	11-12-11

W 10th Avenue

Core No.	Material Type	Thickness	Depth	DCP Results (Blows/1.75") /Notes
C-5	Wearing Course	1.00"	1.00"	
	Base Course	0.75"	1.75"	1.75" Total Asphalt
	Subbase: Slag and Fines	9.00"	10.75"	
	Subgrade: SILT, trace clay, trace sand		10.75"+	6-6-6

Wood Street

Core No.	Material Type	Thickness	Depth	DCP Results (Blows/1.75") /Notes
C-4	Wearing Course	0.25"	0.25"	
	Binder Course	1.00"	1.25"	
	Base Course	2.25"	3.50"	3.50" Total Asphalt
	Subbase: Slag and Fines	6.00"	9.50"	
	Subgrade: SILT, trace clay, trace sand		9.50"+	11-14-13

Forrest Street

Core No.	Material Type	Thickness	Depth	DCP Results (Blows/1.75") /Notes
C-6	Wearing Course	0.50"	0.50"	
	Binder Course	1.00"	1.50"	
	Base Course	8.00"	9.50"	9.50" Total Asphalt

E 10th Avenue

Core No.	Material Type	Thickness	Depth	DCP Results (Blows/1.75") /Notes
C-18	Wearing Course	1.50"	1.50"	
	Binder Course	3.00"	4.50"	4.50" Total Asphalt
	Ballast	7.50"	12.00"	
	Subgrade: gravelly SILT, little sand, trace clay		12.00"+	9-10-14

Core No.	Material Type	Thickness	Depth	DCP Results (Blows/1.75") /Notes
C-19	Wearing Course	1.75"	1.75"	
	Binder Course	0.25"	2.00"	
	Base Course	2.00"	4.00"	4.00" Total Asphalt
	Subgrade: sandy SILT, trace gravel		4.00"+	8-9-11

E 9th Avenue

Core No.	Material Type	Thickness	Depth	DCP Results (Blows/1.75") /Notes
C-20	Wearing Course	1.00"	1.00"	
	Base Course	2.00"	3.00"	3.00" Total Asphalt
	Stone Subbase	4.00"	7.00"	
	Cobblestone		7.00"	Cobblestone Encountered at 7.00"

Wells Street

Core No.	Material Type	Thickness	Depth	DCP Results (Blows/1.75") /Notes
C-32	Wearing Course	1.00"	1.00"	
	Base Course	2.00"	3.00"	3.00" Total Asphalt
	Stone Subbase	4.00"	7.00"	
	Subgrade: SILT and SAND, little gravel		7.00"+	9-7-7

E 8th Avenue

Core No.	Material Type	Thickness	Depth	DCP Results (Blows/1.75") /Notes
C-33	Wearing Course	1.50"	1.50"	
	Binder Course	2.00"	3.50"	
	Base Course	1.00"	4.50"	4.50" Total Asphalt
	Ballast and Fines	6.00"	10.50"	
	Subgrade: SAND and SILT, trace gravel		10.50"+	50/1.25"

E 7th Avenue

Core No.	Material Type	Thickness	Depth	DCP Results (Blows/1.75") /Notes
C-21	Wearing Course	1.00"	1.00"	
	Base Course	1.50"	2.50"	2.50" Total Asphalt
	Cobblestone		2.50"	Cobblestone encountered at 2.50"

Core No.	Material Type	Thickness	Depth	DCP Results (Blows/1.75") /Notes
C-34	Wearing Course	1.00"	1.00"	
	Binder Course	0.50"	1.50"	
	Base Course	0.50"	2.00"	2.00" Total Asphalt
	Stone Subbase	4.00"	6.00"	
	Cobblestone		6.00"	Cobblestone encountered at 6.00"

E 7th Avenue (Continued)

Core No.	Material Type	Thickness	Depth	DCP Results (Blows/1.75") /Notes
C-25	Wearing Course	0.50"	0.50"	
	Base Course	3.50"	4.00"	4.00" Total Asphalt
	Subbase: Slag and Fines	12.00"	16.00"	
	Subgrade: SILT, trace gravel, trace sand		16.00"+	10-11-12

W 6th Avenue

Core No.	Material Type	Thickness	Depth	DCP Results (Blows/1.75") /Notes
C-7	Wearing Course	2.50"	2.50"	
	Base Course	4.00"	6.50"	6.50" Total Asphalt
	Subgrade: gravelly SILT, little sand		6.50"+	26-41-32

Core No.	Material Type	Thickness	Depth	DCP Results (Blows/1.75") /Notes
C-8	Wearing Course	2.00"	2.00"	
	Base Course	3.00"	5.00"	5.00" Total Asphalt
	Ballast and Fines	4.00"	9.00"	Obstruction at 9.00"

Core No.	Material Type	Thickness	Depth	DCP Results (Blows/1.75") /Notes
C-9	Wearing Course	1.50"	1.50"	
	Base Course	4.50"	6.00"	6.00" Total Asphalt
	Subbase: 2A Stone	7.50"+	13.50"+	Utility Tape encountered at 13.50"

Core No.	Material Type	Thickness	Depth	DCP Results (Blows/1.75") /Notes
C-10	Wearing Course	2.00"	2.00"	2.00" Total Asphalt
	Subbase: 2A Stone	4.00"	6.00"	
	Obstruction		6.00"	Possible Cobblestone at 6.00"

E 6th Avenue

Core No.	Material Type	Thickness	Depth	DCP Results (Blows/1.75") /Notes
C-22	Wearing Course	1.00"	1.00"	
	Base Course	1.50"	2.50"	2.50" Total Asphalt
	Subbase: 2A Stone and Asphalt Millings	10.00"	12.50"	
	Subgrade: sandy SILT		12.50"+	21-16-9

W 5th Avenue

Core No.	Material Type	Thickness	Depth	DCP Results (Blows/1.75") /Notes
C-12	Wearing Course	2.00"	2.00"	
	Binder Course	0.50"	2.50"	
	Base Course	2.00"	4.50"	4.50" Total Asphalt
	Concrete Slab	6.25"	10.75"	
	Subgrade: sandy SILT, some gravel		10.75"+	9-50/1.5"

Core No.	Material Type	Thickness	Depth	DCP Results (Blows/1.75") /Notes
C-31	Wearing Course	1.50"	1.50"	
	Binder Course	1.00"	2.50"	
	Base Course	1.25"	3.75"	3.75" Total Asphalt
	Stone Subbase	4.00"	7.75"	
	Subgrade: gravelly SILT, little sand		7.75"+	9-13-15

Core No.	Material Type	Thickness	Depth	DCP Results (Blows/1.75") /Notes
C-11	Wearing Course	0.50"	0.50"	
	Binder Course	0.75"	1.25"	
	Base Course	1.50"	2.75"	2.75" Total Asphalt

E 5th Avenue

Core No.	Material Type	Thickness	Depth	DCP Results (Blows/1.75") /Notes
C-24	Wearing Course	1.00"	1.00"	
	Base Course	3.00"	4.00"	4.00" Total Asphalt
	Subbase: 2A Stone and Asphalt Millings	6.00"	10.00"	
	Subgrade: gravelly SILT, some sand		10.00"+	8-9-12

Spring Mill Avenue

Core No.	Material Type	Thickness	Depth	DCP Results (Blows/1.75") /Notes
C-27	Wearing Course	2.00"	2.00"	
	Binder Course	1.00"	3.00"	
	Base Course	4.00"	7.00"	7.00" Total Asphalt
	Soil Subgrade		7.00"+	10-12-13

Spring Mill Avenue (Continued)

Core No.	Material Type	Thickness	Depth	DCP Results (Blows/1.75") /Notes
C-28	Wearing Course	1.75"	1.75"	1.75" Total Asphalt

Core No.	Material Type	Thickness	Depth	DCP Results (Blows/1.75") /Notes
C-29	Wearing Course	2.50"	2.50"	
	Binder Course	0.50"	3.00"	
	Base Course	2.50"	5.50"	5.50" Total Asphalt
	Soil and Slag/Fines	4.00"	9.50"	
	Asphalt Millings	6.00"	15.50"	
	Subgrade: clayey SILT, trace gravel		15.50"+	6-8-42

W 4th Avenue

Core No.	Material Type	Thickness	Depth	DCP Results (Blows/1.75") /Notes
C-13	Wearing Course	1.25"	1.25"	
	Binder Course	0.75"	2.00"	
	Base Course	2.00"	4.00"	4.00" Total Asphalt
	Subbase: 2A Stone	12.00"	16.00"	
	Soil Subgrade		16.00"+	22-20-15

Harry Street

Core No.	Material Type	Thickness	Depth	DCP Results (Blows/1.75") /Notes
C-23	Wearing Course	1.00"	1.00"	
	Base Course	3.00"	4.00"	4.00" Total Asphalt
	Subgrade: sandy GRAVEL, trace silt		4.00"+	18-22-17

Forrest Street

Core No.	Material Type	Thickness	Depth	DCP Results (Blows/1.75") /Notes
C-14	Wearing Course	1.00"	1.00"	
	Base Course	1.50"	2.50"	2.50" Total Asphalt
	Subbase: 2A Stone	12.00"	14.50"	
	Subgrade: SAND and GRAVEL, some silt		14.50"+	10-17-16

W 1st Avenue

Core No.	Material Type	Thickness	Depth	DCP Results (Blows/1.75") /Notes
C-15	Wearing Course	1.00"	1.00"	
	Base Course	4.00"	5.00"	5.00" Total Asphalt
	Subbase: 2A Stone	8.00"	13.00"	
	Subgrade: SAND and SILT		13.00"+	12-20-22

Ash Street

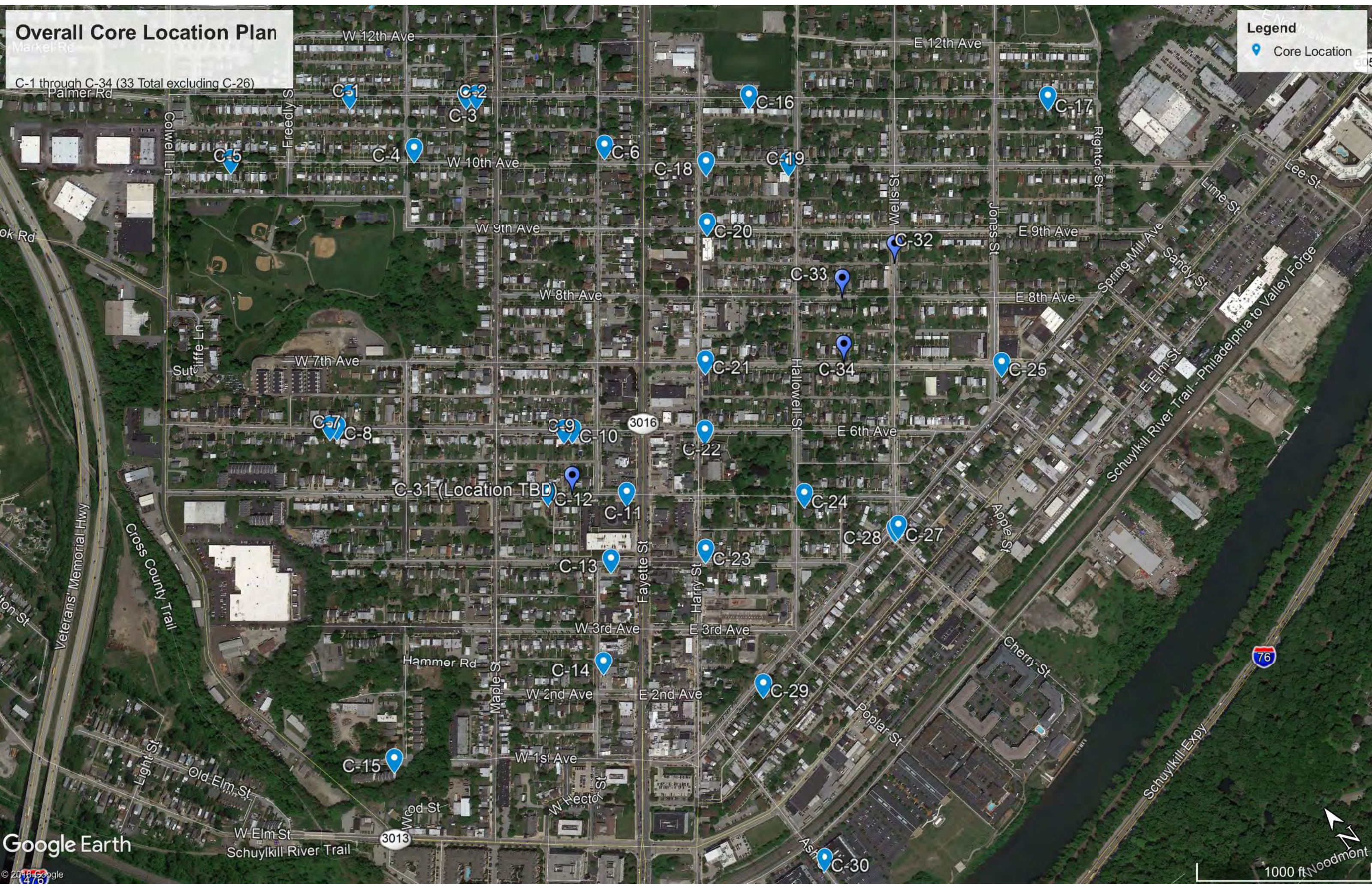
Core No.	Material Type	Thickness	Depth	DCP Results (Blows/1.75") /Notes
C-30	Wearing Course	1.75"	1.75"	
	Base Course	2.75"	4.50"	4.50" Total Asphalt
	Subbase: 2A Stone	6.00"	10.50"	
	Ballast and Fines	12.00"	22.50"	
	Subgrade: gravelly SAND (Slag)		22.50"+	50/1.50"

Overall Core Location Plan

C-1 through C-34 (33 Total excluding C-26)

Legend

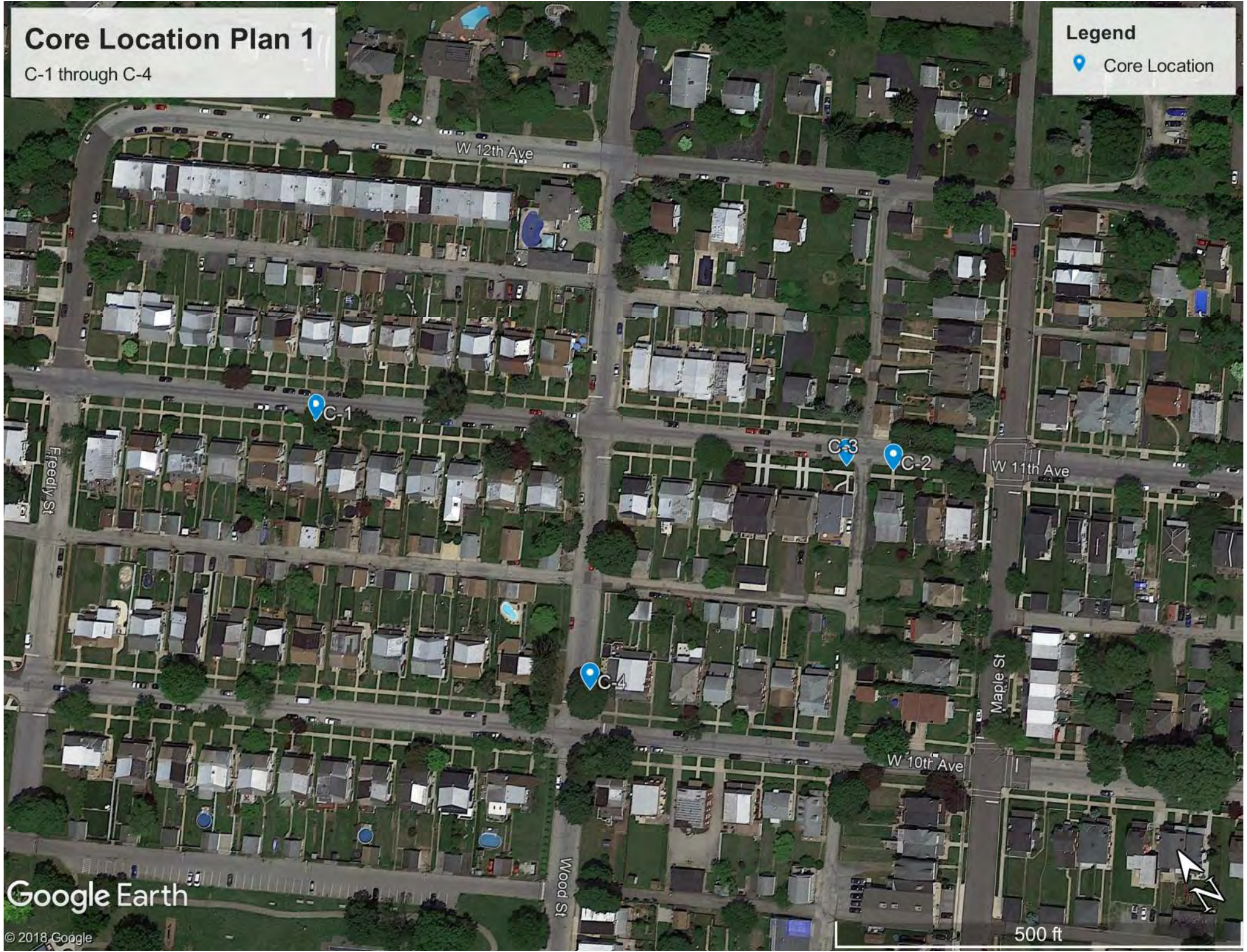
Core Location



Core Location Plan 1

C-1 through C-4


Legend
📍 Core Location



Core Location Plan 2

C-5

Legend

 Core Location

Colwell Ln

Lenape Ln

Freddy St

C-5 

W 10th Ave

Sutcliffe Park Acc

Google Earth

© 2018 Google

300 ft



Core Location Plan 3

C-6

Legend
📍 Core Location

W 11th Ave

E 11th Ave

Forrest St

C-6

Fayette St

3016

E 10th Ave

Google Earth

© 2018 Google


300 ft



Core Location Plan 4

C-7 & C-8

Legend

 Core Location

Freedley St

W 6th Ave

C-7

C-8

W 5th Ave

Wood St

Google Earth

© 2018 Google



300 ft



Core Location Plan 5

C-9 through C-12
C-31 (Approx Location/Est)

Legend

-  C-31 (Location TBD)
-  Core Location



Core Location Plan 6

C-13

Legend
Core Location



Google Earth

© 2018 Google


300 ft



Core Location Plan 7

C-14

Legend

-  Core Location



Google Earth


© 2018 Google

300 ft

Core Location Plan 8


C-15

Legend

 Core Location

W 2nd Ave

W 1st Ave

C-15 

Google Earth

© 2018 Google

200 ft




Core Location Plan 9

C-16

Aspen Ct

Legend

 Core Location

E 13th Ave

Butler Pike

W 12th Ave

3016

W 11th Ave

Harry St

 C-16

Hallowell St

Google Earth

© 2018 Google

 C-6

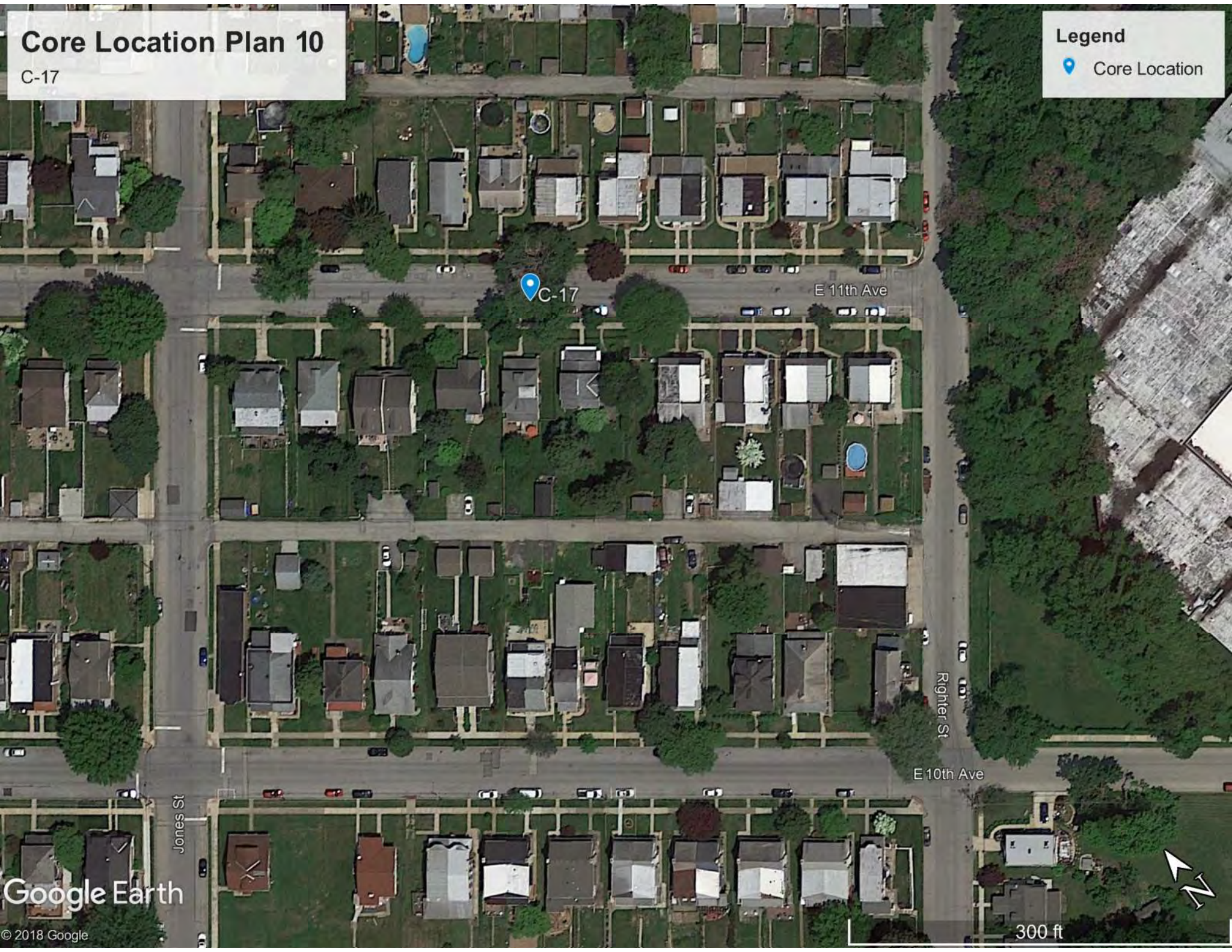
600 ft



Core Location Plan 10

C-17

Legend
📍 Core Location



Google Earth

© 2018 Google


300 ft

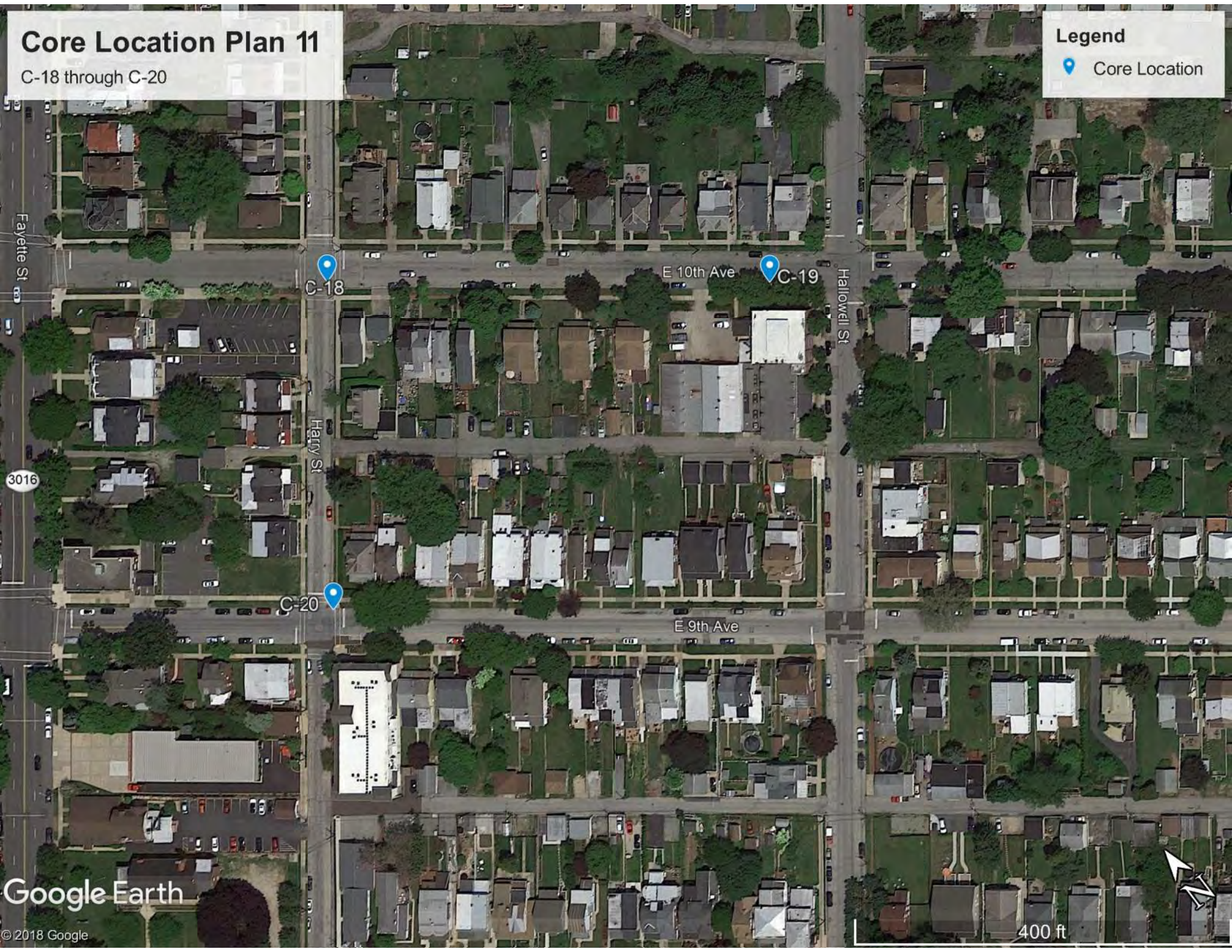


Core Location Plan 11

C-18 through C-20

Legend

-  Core Location



Google Earth

© 2018 Google


400 ft

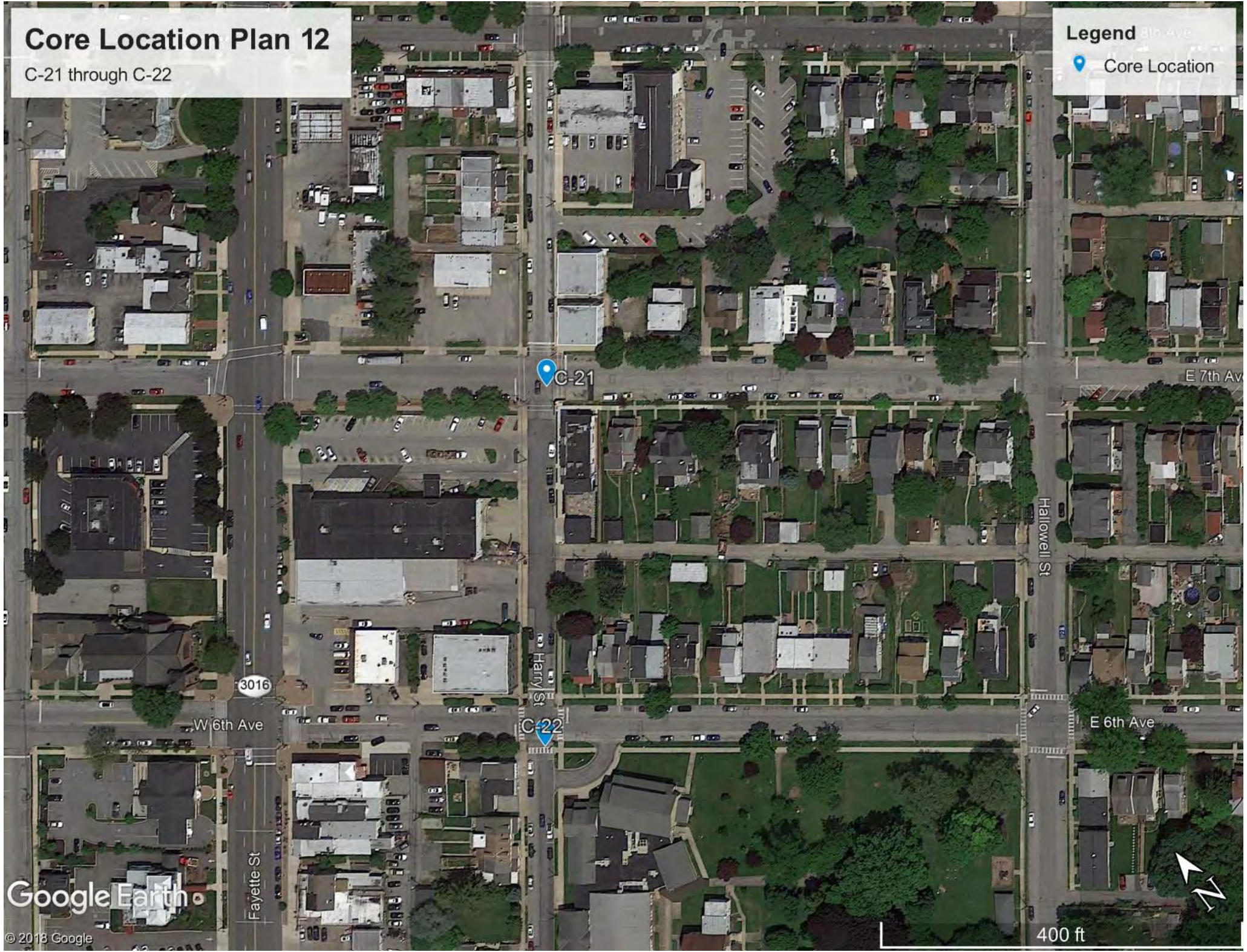


Core Location Plan 12

C-21 through C-22

Legend

-  Core Location



Google Earth

© 2018 Google

400 ft

Core Location Plan 13

C-23

Legend
📍 Core Location



Google Earth


© 2018 Google

200 ft

Core Location Plan 14

C-24

Legend

 Core Location

 C-24

E 5th Ave

Hallowell St

Google Earth

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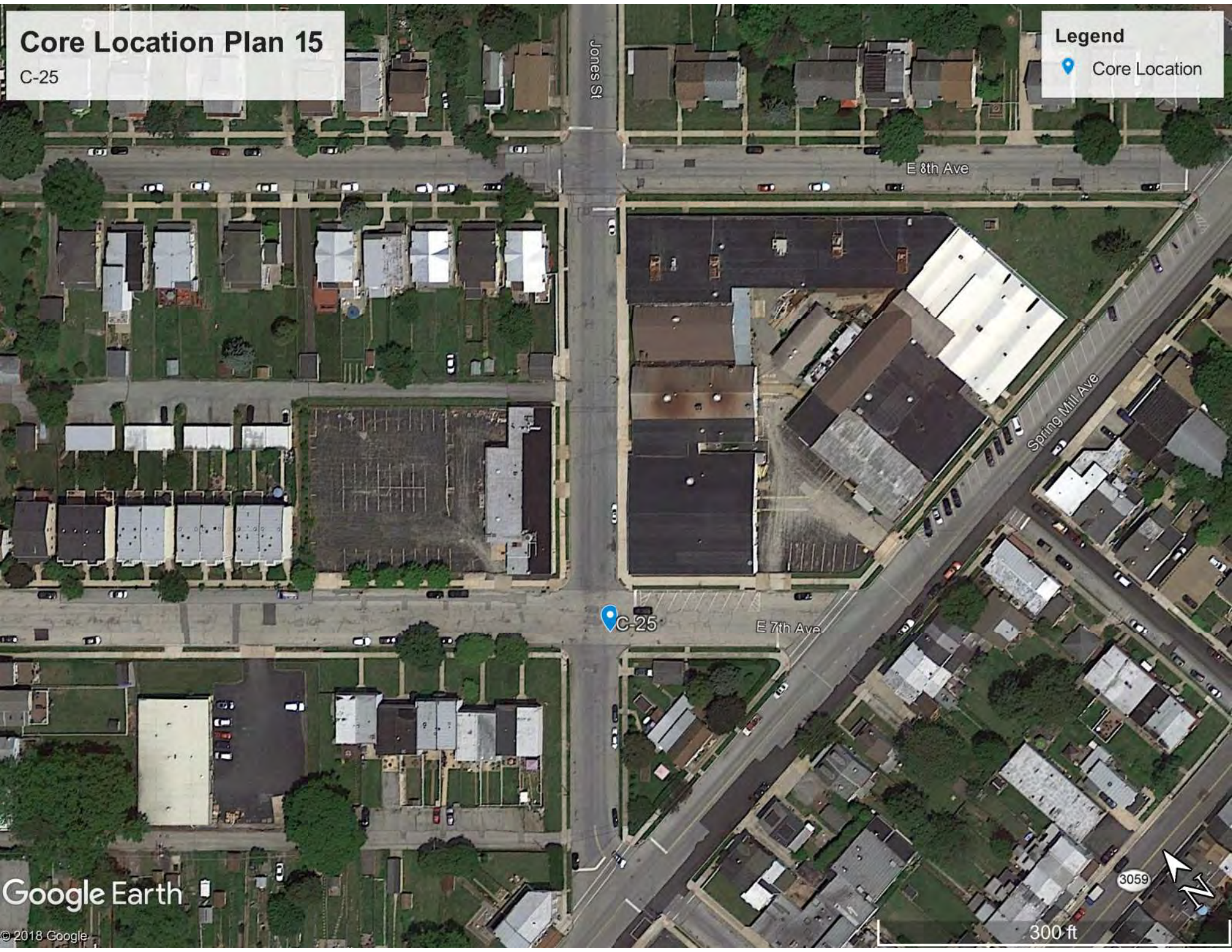
200 ft



Core Location Plan 15

C-25

Legend
📍 Core Location



Google Earth

© 2018 Google

3059

300 ft

Core Location Plan 16

C-27 & 28

Legend
📍 Core Location



Google Earth


© 2018 Google

200 ft

Core Location Plan 17

C-29

Legend

 Core Location

 C-29

Spring Mill Ave

Angel Alley

Poplar St

Ash St

E 1st Ave

E Elm St

Schuylkill River Trail - Philadelphia to Valley Forge

Google Earth

© 2018 Google


400 ft



Core Location Plan 18

C-30

Legend

-  Core Location



Google Earth

© 2018 Google

700 ft

Core Location Plan 19

C-32 through C-34 (Approx/Est Locations)

Legend
📍 Core Location

