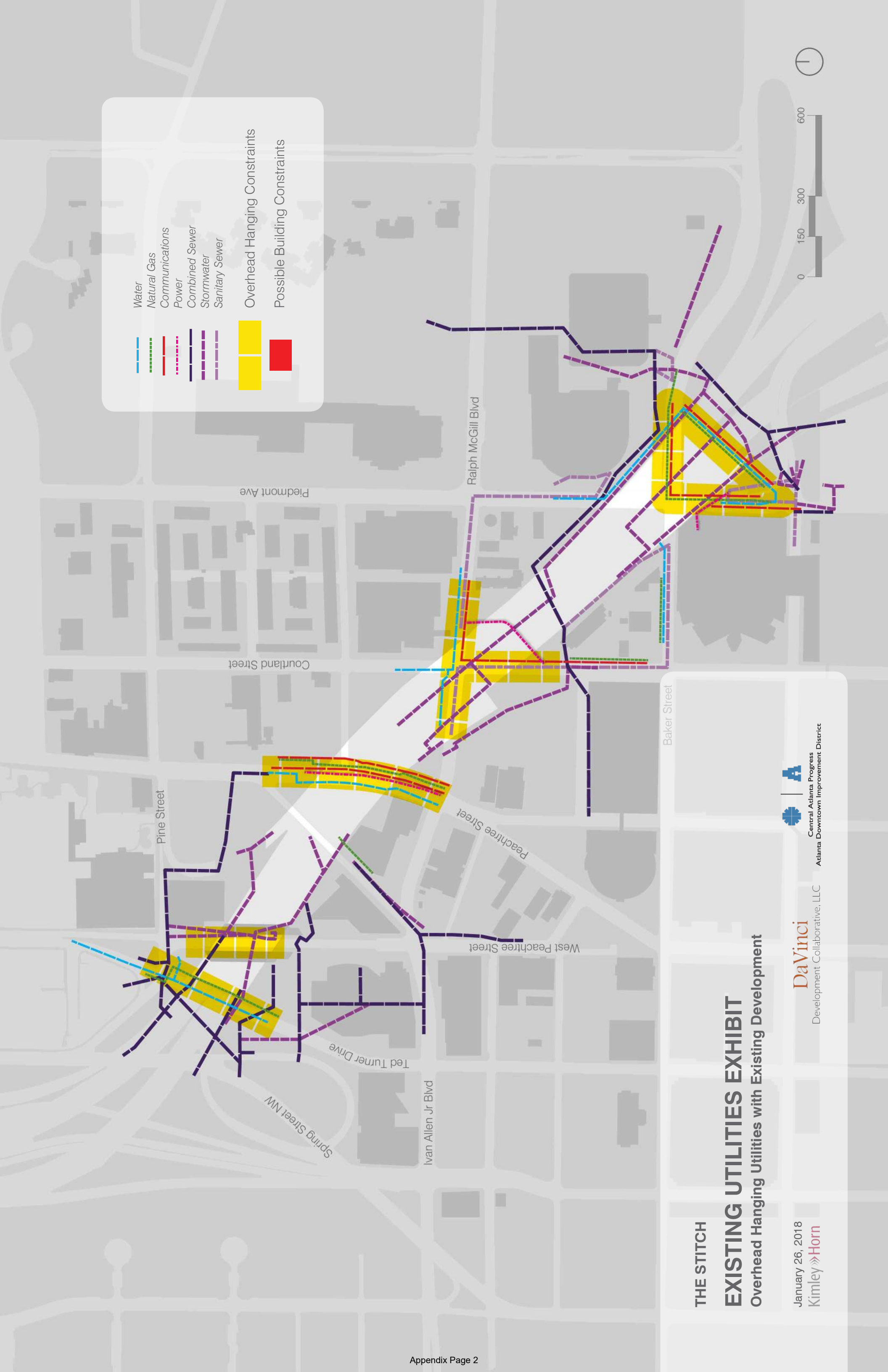


APPENDIX A

COMPOSITE UTILITY MAPS

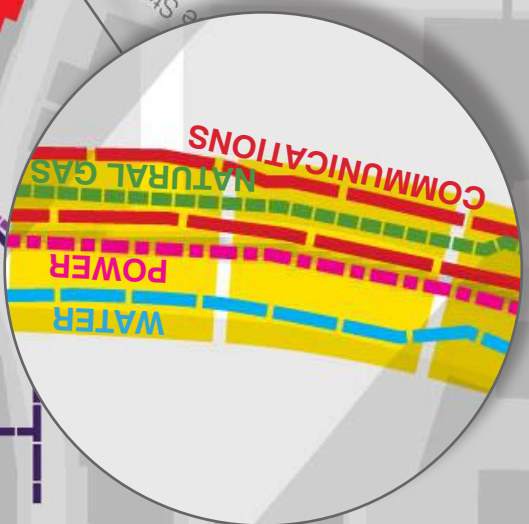
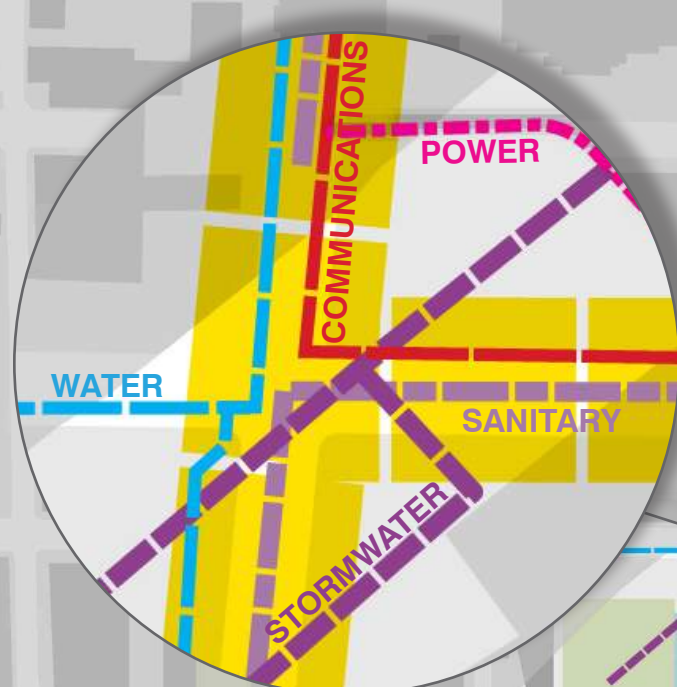
Water
 Natural Gas
 Communications
 Power
 Combined Sewer
 Stormwater
 Sanitary Sewer
 Overhead Hanging Constraints
 Possible Building Constraints



THE STITCH
EXISTING UTILITIES EXHIBIT
 Overhead Hanging Utilities with Existing Development

January 26, 2018
 Kimley»Horn

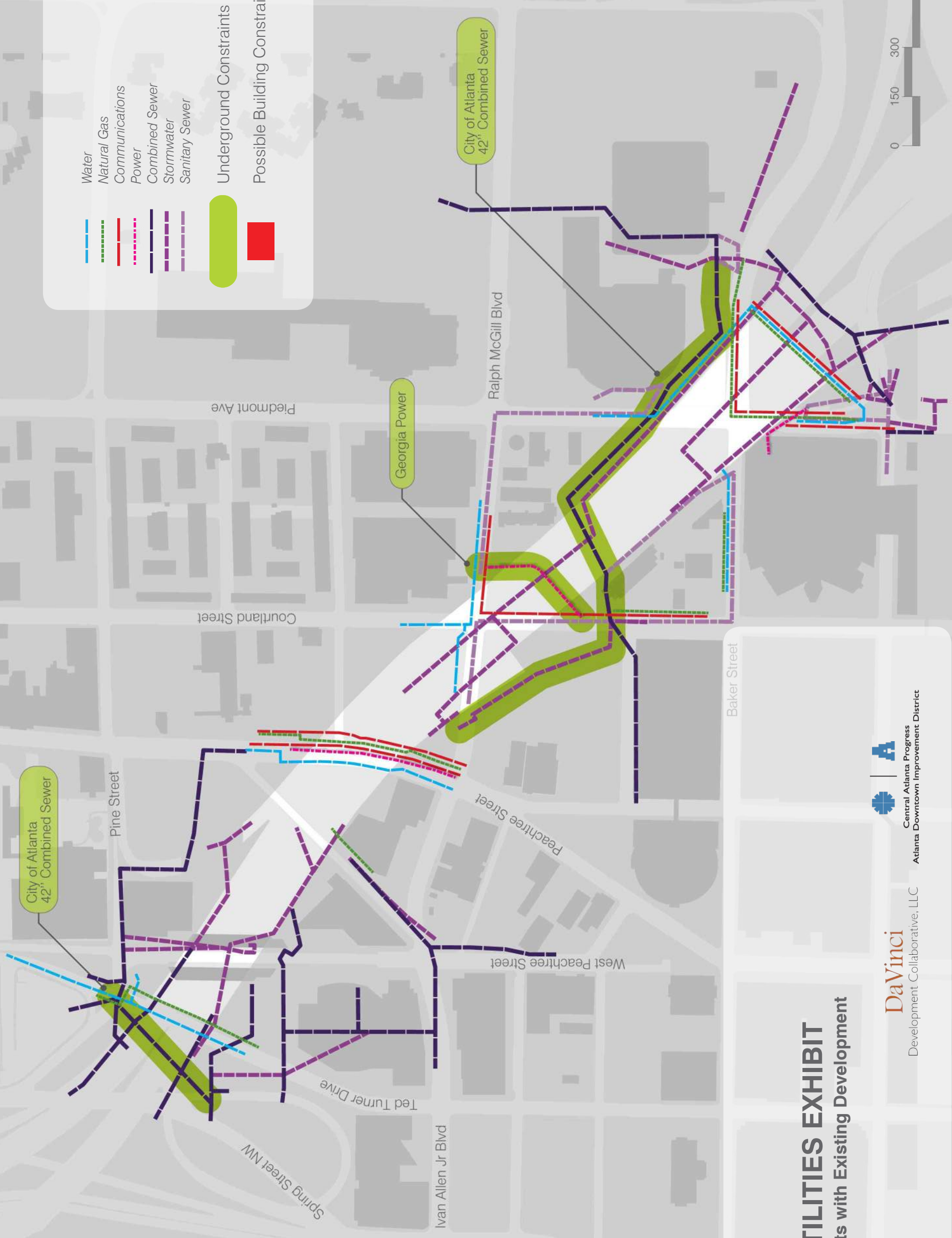
DaVinci
 Development Collaborative, LLC
 Central Atlanta Progress
 Atlanta Downtown Improvement District



THE STITCH
EXISTING UTILITIES EXHIBIT
 Overhead Hanging Utilities with Proposed Development

January 26, 2018
 Kimley»Horn

DaVinci
 Development Collaborative, LLC
 Central Atlanta Progress
 Atlanta Downtown Improvement District



Water	Underground Constraints
Natural Gas	Possible Building Constraints
Communications	
Power	
Combined Sewer	
Stormwater	
Sanitary Sewer	



Water (Blue dashed line)

Natural Gas (Green dashed line)

Communications (Red dashed line)

Power (Purple dashed line)

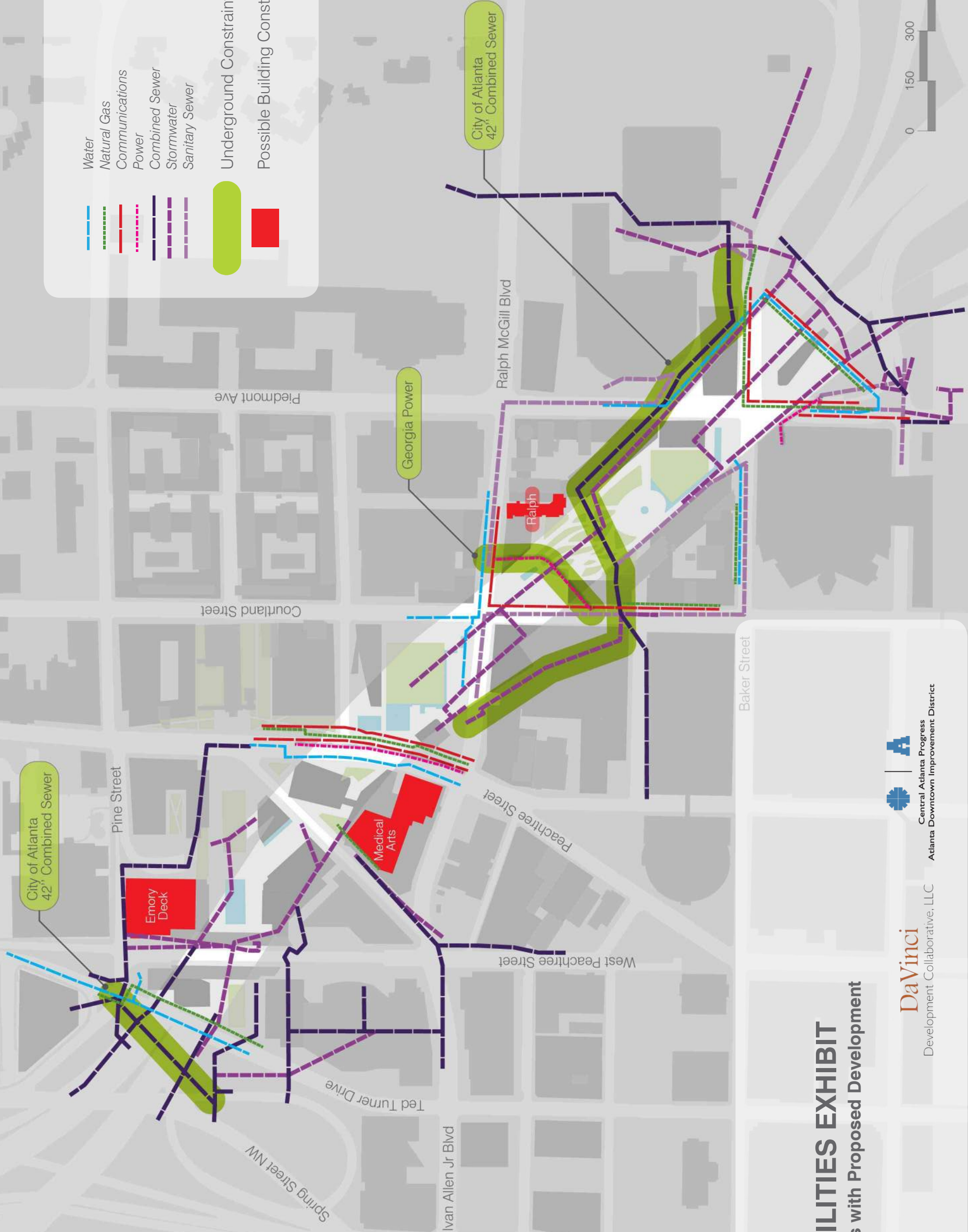
Combined Sewer (Black dashed line)

Stormwater (Pink dashed line)

Sanitary Sewer (Dark Purple dashed line)

Underground Constraints (Green shaded area)

Possible Building Constraints (Red shaded area)



THE STITCH

EXISTING UTILITIES EXHIBIT

Potential Constraints with Proposed Development

January 26, 2018
Kimley»Horn

DaVinci
Development Collaborative, LLC

Central Atlanta Progress
 Atlanta Downtown Improvement District

APPENDIX B

FRANCHISED UTILITY CONTACT LIST

THE STITCH

Franchised Utility Contact List

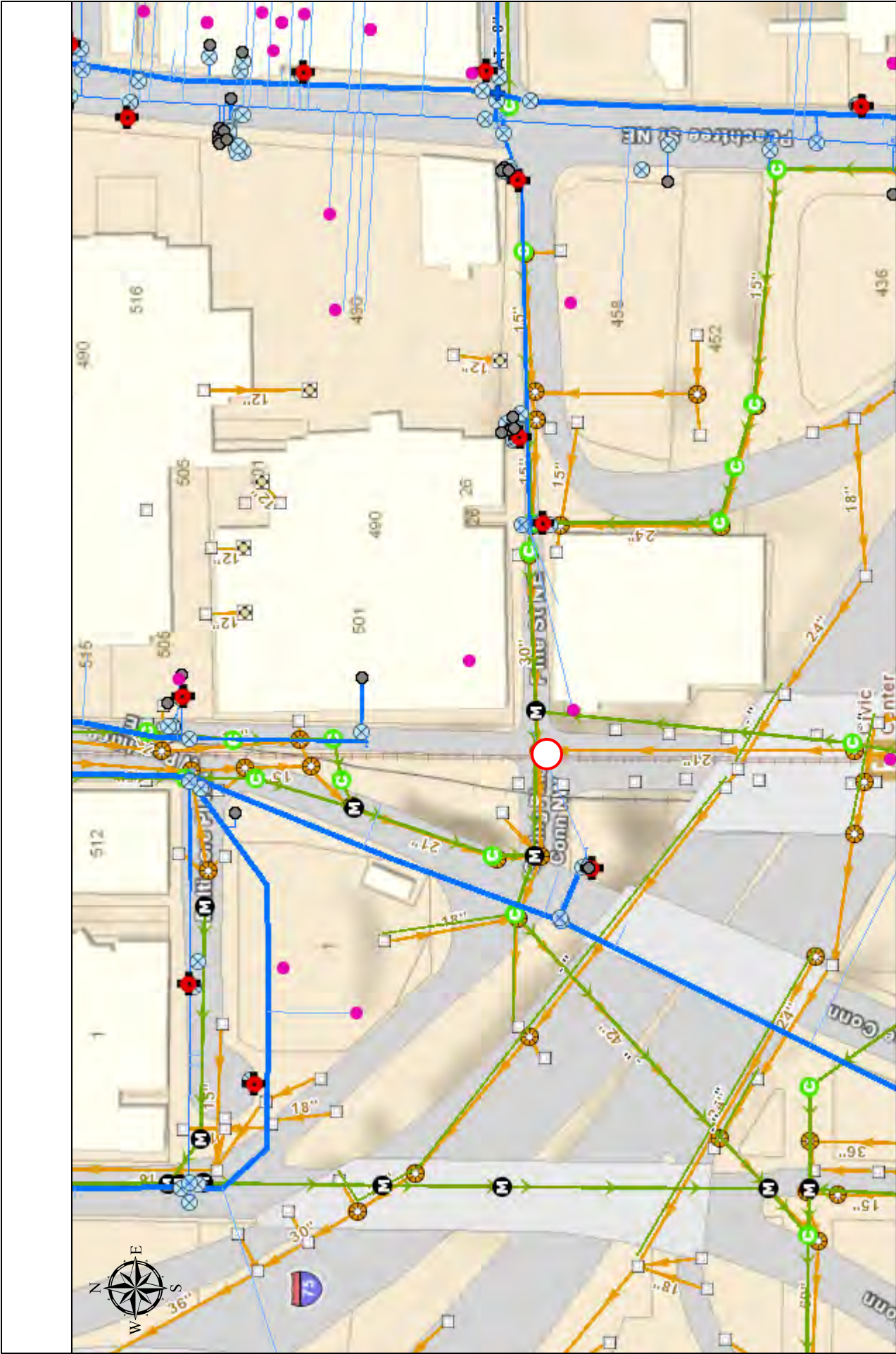
Utility Owner	Contact Person	Email Address	Phone #	Facilities Present
AGL Resources	Bill Barnes	wbarnes@aglresources.com	404-584-3690	<u>Yes</u>
AT&T	Hunter Spinks	CS0477@att.com	706-701-6081	<u>Yes</u>
AT&T	Andre Walton	aw9750@att.com	404-218-4468	<u>Yes</u>
AT&T	Shawn Berner	sb4591@att.com	(770) 855-4415	Yes
Century Link	Chad Kirkland	chadrick.kirkland@centurylink.com	770-328-2449	<u>No</u>
Charter Communications	Jimmy Price	jimmy.price@charter.com	404-597-2712	No
City of Atlanta Watershed	Joe Carpenter	jcarpenter@atlantaga.gov	404-546-1331	Yes
City of Atlanta Watershed	Casey Choi	casey.choi@wsp.com	404-364-2671	Yes
City of Atlanta Watershed	Christina Clay	cclay@atlantaga.gov	(404) 546-3318	Yes
City of Atlanta Watershed	Leslie Filbey	lfilbey@atlantaga.gov	404-865-8615	Yes
Colonial Pipeline	Steven Thomas	stthomas@colpipe.com	(336) 240-0615	No
Comcast	Reggie Arney	Reginald_Arney@comcast.com	770-559-2333	No Response
Comcast - Cable	Charles Ross	charles_ross@cable.comcast.com	(404) 597-4353	No Response
Crown Castle	Jeremy Williams	jeremy.williams@crowncastle.com	470-235-6349	<u>Yes</u>
Crown Castle	Erik Stefano	Erik.DeStefano@crowncastle.com		Yes
Crown Castle	David Antol	david.antol@crowncastle.com	724-416-2180	<u>Yes</u>
Crown Castle		fiberdigteam@crowncastle.com		Yes
Fiberlight	Troy Gaeta	troy.gaeta@fiberlight.com	(954) 213-3367	<u>Yes</u>

Utility Owner	Contact Person	Email Address	Phone #	Facilities Present
Georgia Power Distribution (GP)	Chadwick Marlow	cmarlow@southernco.com	404-218-5210	Yes
Georgia Power Distribution (GP)	Gerard Vaughn	gvaughn@southernco.com	770-621-2345	<u>Yes</u>
Georgia Power Distribution (GP)	Jacki Watson	jbwatson@southernco.com	770-216-1435	Yes
Georgia Power Network Underground	Wondwossen Haile	WHAILE@southernco.com	404-506-4111	<u>Yes</u>
Georgia Power Transmission (GPT)	Don St Clair	X2STCLAI@southernco.com		<u>No</u>
Georgia Public Web	Allen Hicks	ahicks@gapublicweb.net	(770) 661-2808	<u>No</u>
Georgia Transmission (GTC)	Mike Bolden	gtc.trans@gatrans.com	(770) 270-7743	<u>No</u>
Google Fiber	Greg Spell	gregspell@google.com	470-242-4734	No
Google Fiber	Ian Watson	ijw@google.com		No
Google Fiber	Kevin Fitzgerald	kjfitz@google.com		No
Google Fiber	David Ghebrehiwot Bell	davidbell@google.com		<u>No</u>
Hotwire	Miguel Castillo	mcastillo@hotwirecommunication.com	(678) 740-1672	No
Hotwire	Wayne Thompson	wayne.thompson@hotwirecommunication.com	678-358-2364	<u>No</u>
Kinder Morgan (Plantation)	Tom Tarver	tom_tarver@kindermorgan.com	(770) 478-6405	No Response
Level 3 (fTelecove, FTW FLGN)	Michael Mayes	michael.mayes@centurylink.com	404-253-1931	Yes

Utility Owner	Contact Person	Email Address	Phone #	Facilities Present
Level 3 Level 3 (fTelecove, FTW FLGN)	Matt Orr	Matt.Orr@centurylink.com		Yes
Level 3 Level 3 (fTelecove, FTW FLGN)	Barry Willis	barry.willis@centurylink.com	(404) 395-8238	Yes
MEAG	Ben Boucher	rboucher@meagpower.org	(678) 661-7086	No
MEAG	Chase Brinson	cbrinson@meagpower.org		No
Mobilitie	Thomas Heck	thomas.heck@itbutility.com	(678) 778-6505	No Response
Southern Company Gas	Milton Floyd	mfloyd@southernco.com	(404) 584-3598	Yes
Southern Company Gas (AGL)	Megan Barnidge	mbarnidg@southernco.com	404-584-4951	Yes
Sprint	Steve Thompson	steve.r.thompson@sprint.com	(678) 852-2726	<u>No</u>
Teleport (AT&T)	Tommy Bell	tb6312@att.com	(770) 840-5245	No Response
Uniti Fiber (Tower Cloud)	Gene Manning	gene.manning@uniti.com	(727) 471-5600	No
Verizon	John Pohlman	john.l.pohlman@one.verizon.com	571-328-8858	Yes
Verizon/MCI	Dennis Rainey	dennis.rainey@verizon.com	(678) 778-7251	Yes
Verizon/MCI	Darrin Wood	dwood@goldenfieldservices.com	770-471-0041	Yes
Verizon/MCI	Michael Walker	michael.walker4@verizon.com		Yes
Windstream	Mike Ewing	mike.ewing@windstream.com	(704) 845-7652	No Response
XO Communications		investigations@verizonbusiness.com		No Response
Zayo	Rusty Perdieu	rusty.perdieu@zayo.com	678-275-8288	No Response

APPENDIX C

CITY OF ATLANTA STORMWATER, WATER AND SEWER UTILITY MAPS

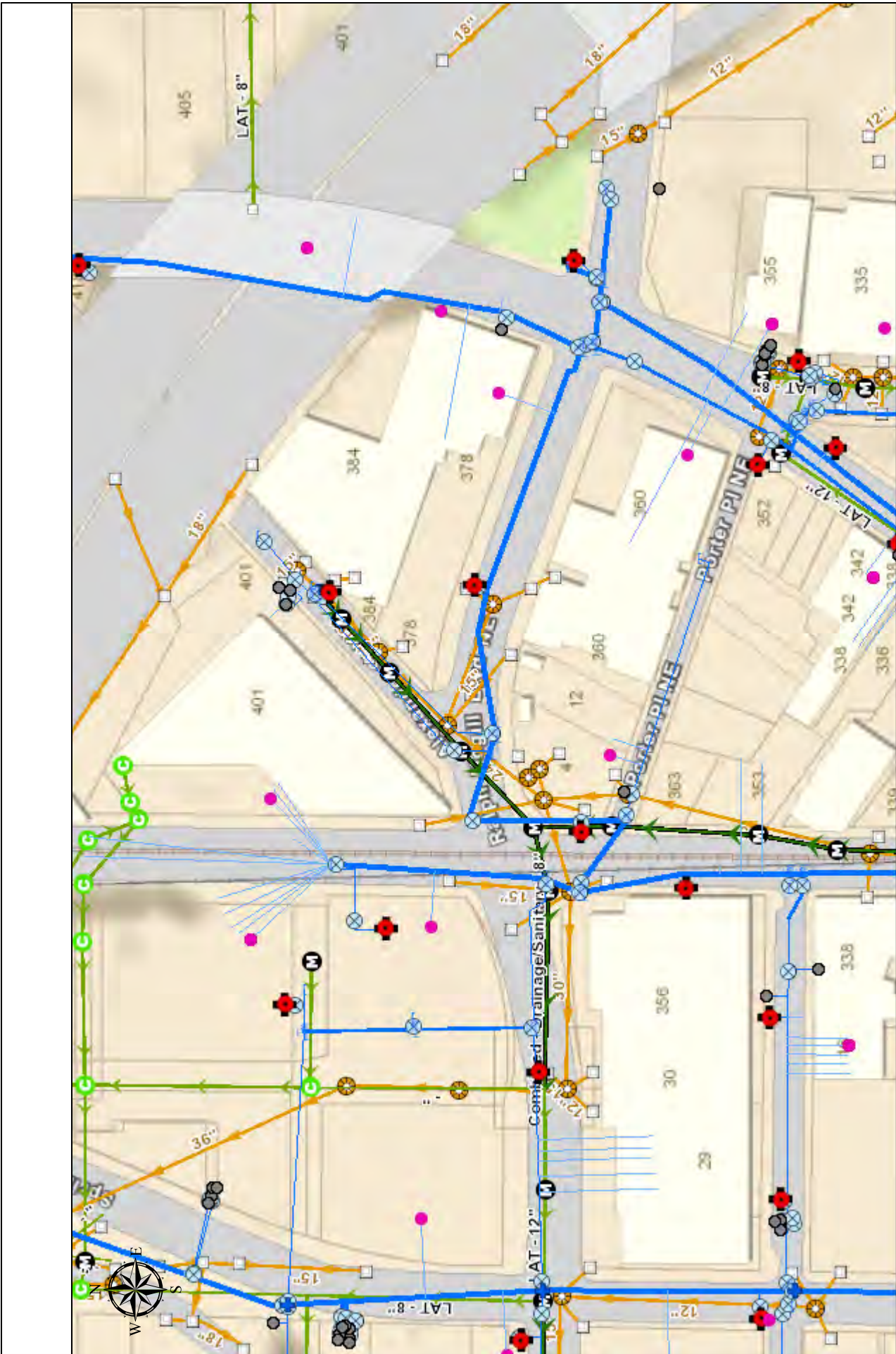


COORDINATE SYSTEM		NAD 1983 STATE PLANE GEORGIA WEST	
MAP UNITS	DATE	U.S. SURVEY FEET	
AUTHOR	REQUEST #	COMMENTS:	
SCALE	1:1,964		
	1 in = 164 ft		

City of Atlanta Department of Watershed Management



THIS MAP IS PROVIDED AS A PUBLIC SERVICE. The City of Atlanta has made known that this Data contains known errors and inconsistencies. The City of Atlanta in no way ensures, represents or warrants the accuracy and/or reliability of the Data and/or map products being developed. The user of the Data and/or map products assumes all risks and liabilities which may arise from the information produced by Maps or Data furnished to User by the City of Atlanta.

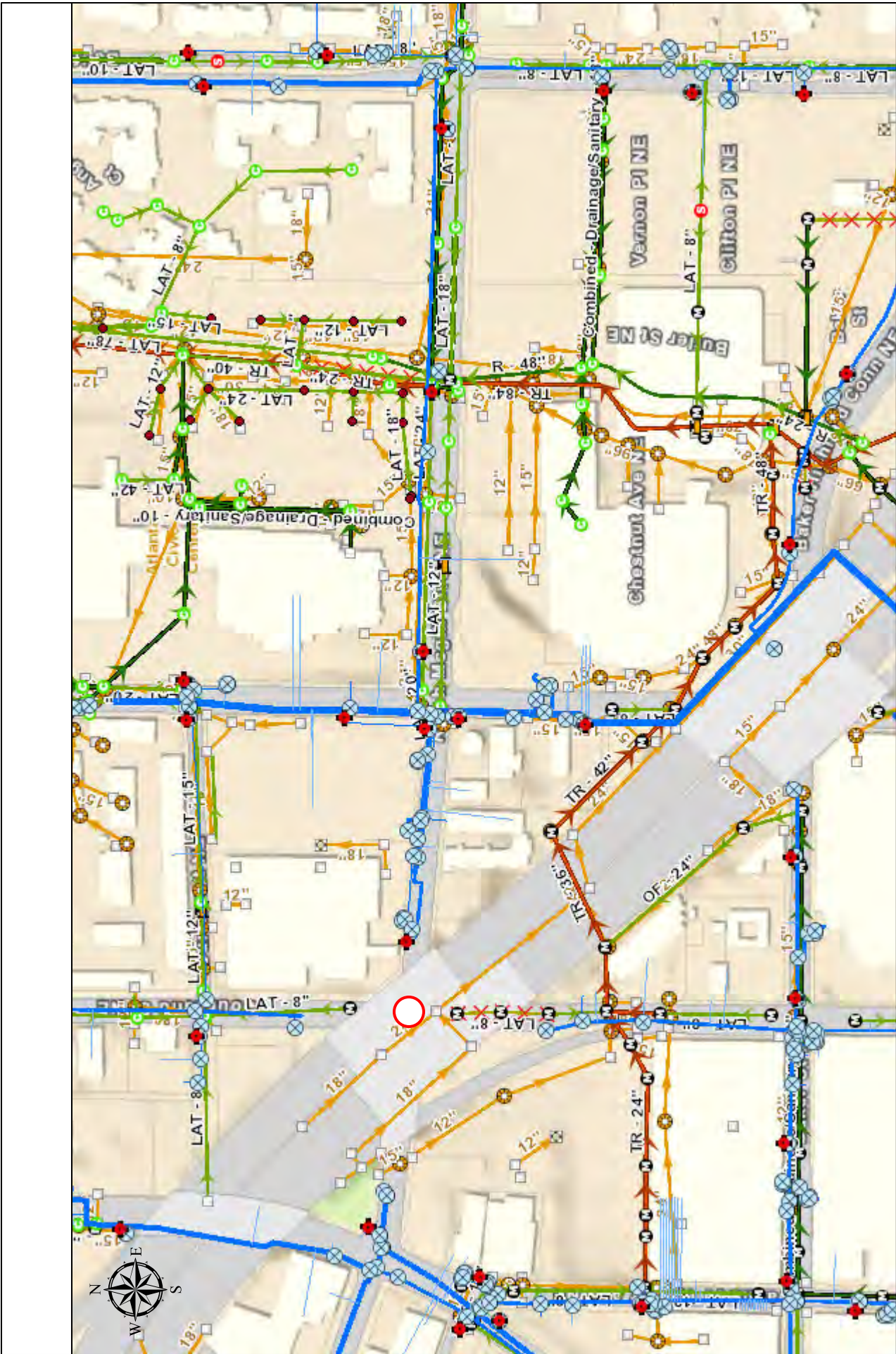


COORDINATE SYSTEM		NAD 1983 STATE PLANE GEORGIA WEST	
MAP UNITS	U.S. SURVEY FEET	COMMENTS:	
DATE	11/15/2017		
AUTHOR			
REQUEST #			
MAP SCALE	1" = 164 ft		



City of Atlanta
Department of
Watershed Management

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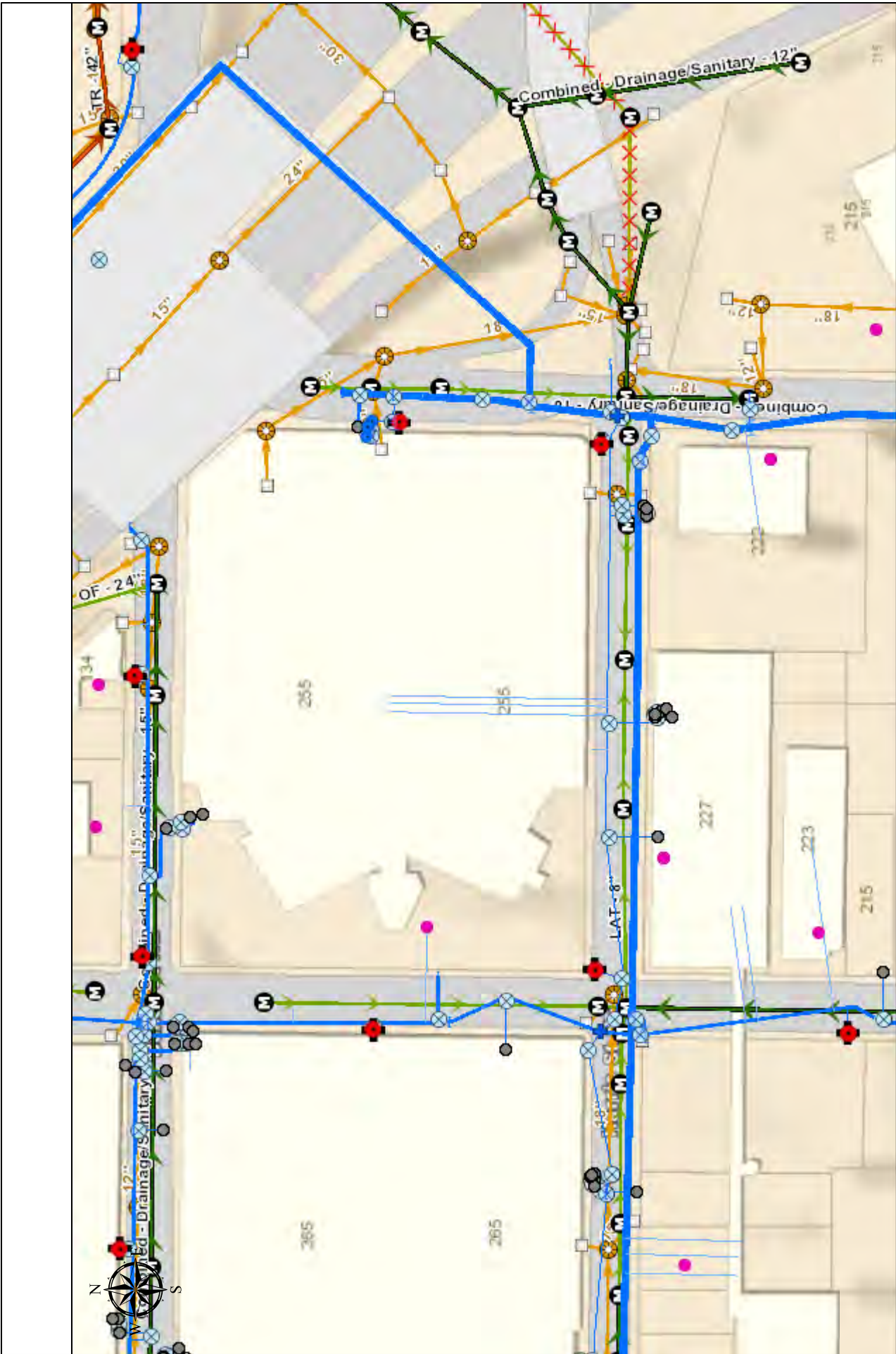


COORDINATE SYSTEM		NAD 1983 STATE PLANE GEORGIA WEST	
MAP UNITS	U.S. SURVEY FEET		
DATE	11/15/2017		
AUTHOR			
REQUEST #			
MAP SCALE	1:3,927 1 in = 327 ft		
COMMENTS:			

City of Atlanta
Department of
Watershed Management



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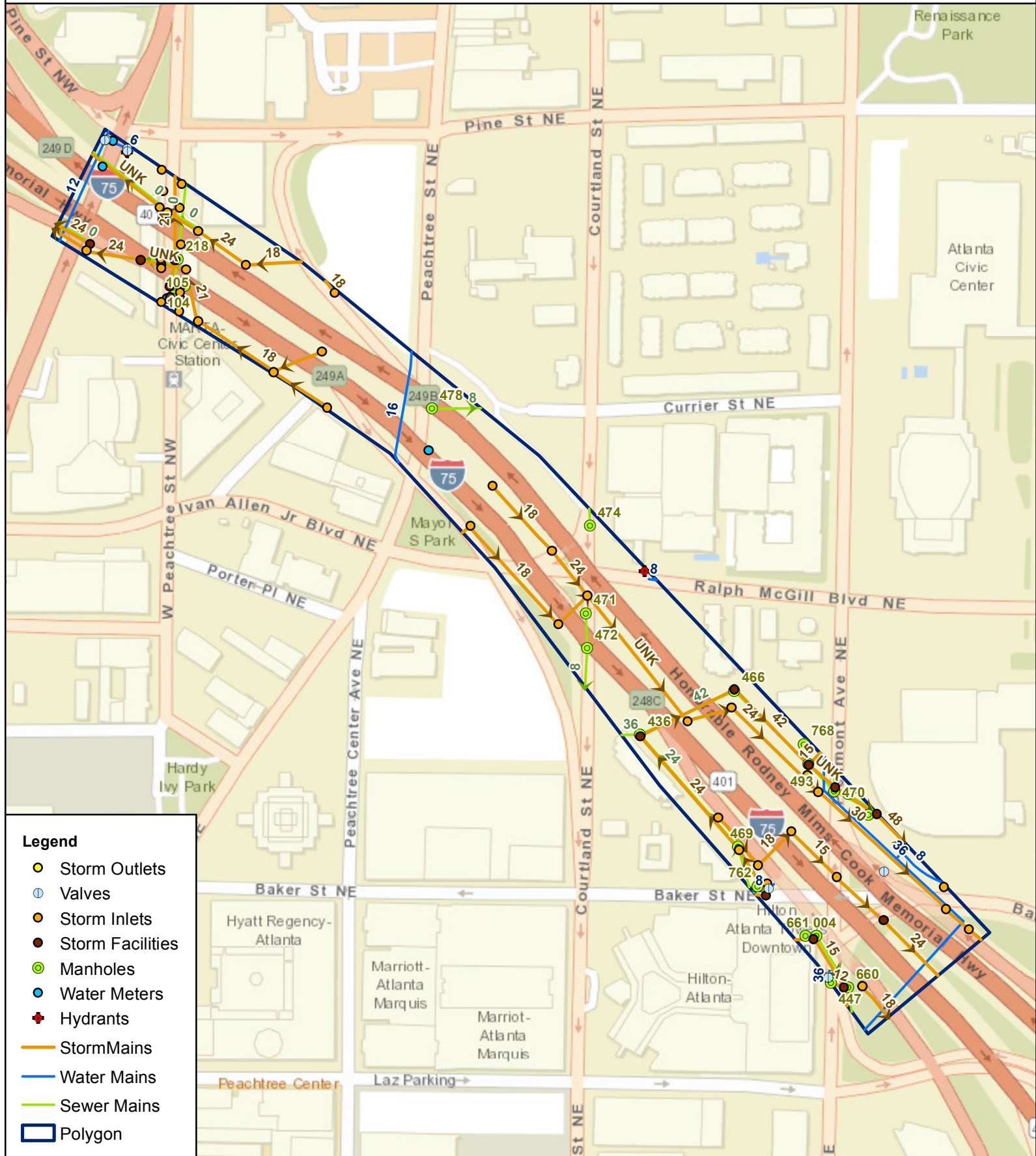
COORDINATE SYSTEM	NAD 1983 STATE PLANE GEORGIA WEST		
MAP UNITS	U.S. SURVEY FEET		
DATE	11/15/2017		
AUTHOR			
REQUEST #			
MAP SCALE	1:1,963 1 in = 164 ft		
COMMENTS			

City of Atlanta Department of Watershed Management



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75/85 from Spring Street to Piedmont Ave



- Legend**
- Storm Outlets
 - ⊕ Valves
 - Storm Inlets
 - Storm Facilities
 - ⊙ Manholes
 - Water Meters
 - + Hydrants
 - StormMains
 - Water Mains
 - Sewer Mains
 - Polygon

THIS MAP IS PROVIDED AS A PUBLIC SERVICE

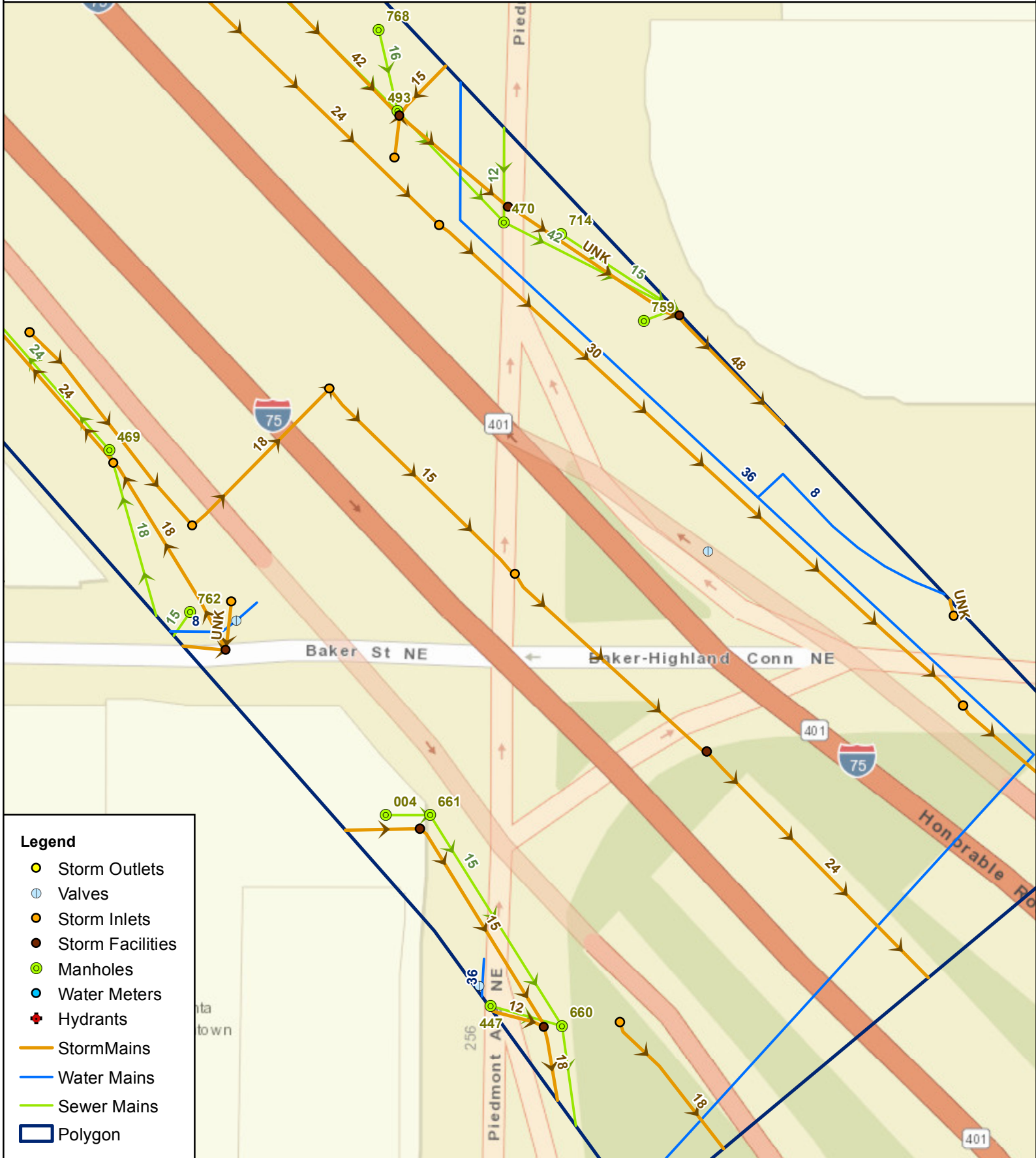
The City of Atlanta has made known that these data contain known errors and inconsistencies. The City of Atlanta in no way ensures, represents, or warrants the accuracy and/or reliability of the data and/or map products being developed. The user of the data and/or map products assumes all risks and liabilities which may arise from the information produced by maps or data furnished to the user by the City of Atlanta.



City of Atlanta
 Department of
 Watershed Management

COORDINATE SYSTEM	NAD 1983 STATE PLANE GEORGIA WEST	
MAP UNITS	U.S. SURVEY FEET	
DATE	12/5/2017	COMMENTS:
AUTHOR	DWM GIS	
TICKET #	2129	
MAP SCALE	1:3,682 1 in = 307 ft	

75/85 Piedmont Ave Bridge



Legend

- Storm Outlets
- Valves
- Storm Inlets
- Storm Facilities
- Manholes
- Water Meters
- Hydrants
- StormMains
- Water Mains
- Sewer Mains
- Polygon

THIS MAP IS PROVIDED AS A PUBLIC SERVICE

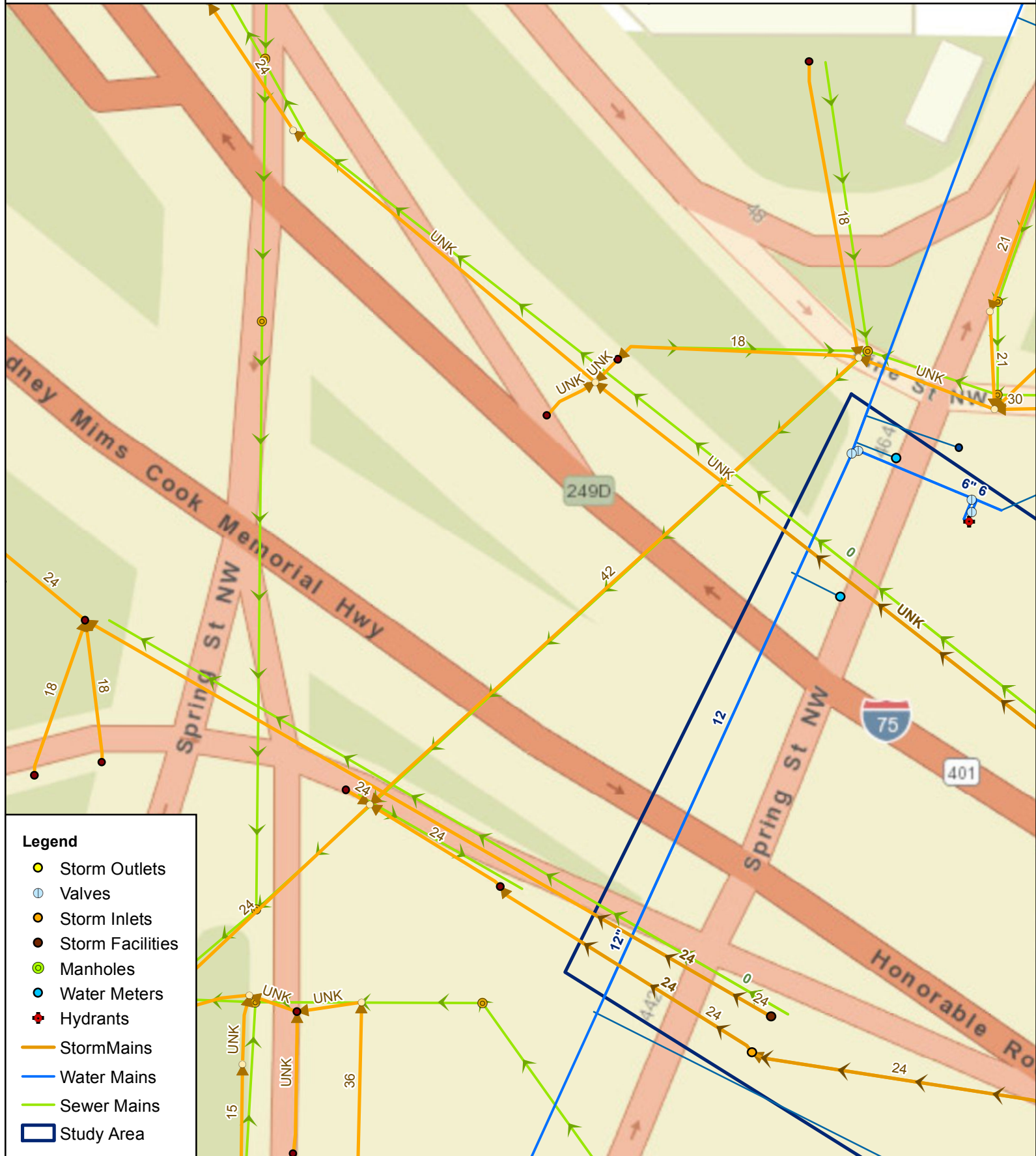
The City of Atlanta has made known that these data contain known errors and inconsistencies. The City of Atlanta in no way ensures, represents, or warrants the accuracy and/or reliability of the data and/or map products being developed. The user of the data and/or map products assumes all risks and liabilities which may arise from the information produced by maps or data furnished to the user by the City of Atlanta.



City of Atlanta
 Department of
 Watershed Management

COORDINATE SYSTEM	NAD 1983 STATE PLANE GEORGIA WEST	
MAP UNITS	U.S. SURVEY FEET	
DATE	12/5/2017	COMMENTS:
AUTHOR	DWM GIS	
TICKET #	2129	
MAP SCALE	1:900 1 in = 75 ft	

75/85 Spring Street Bridge



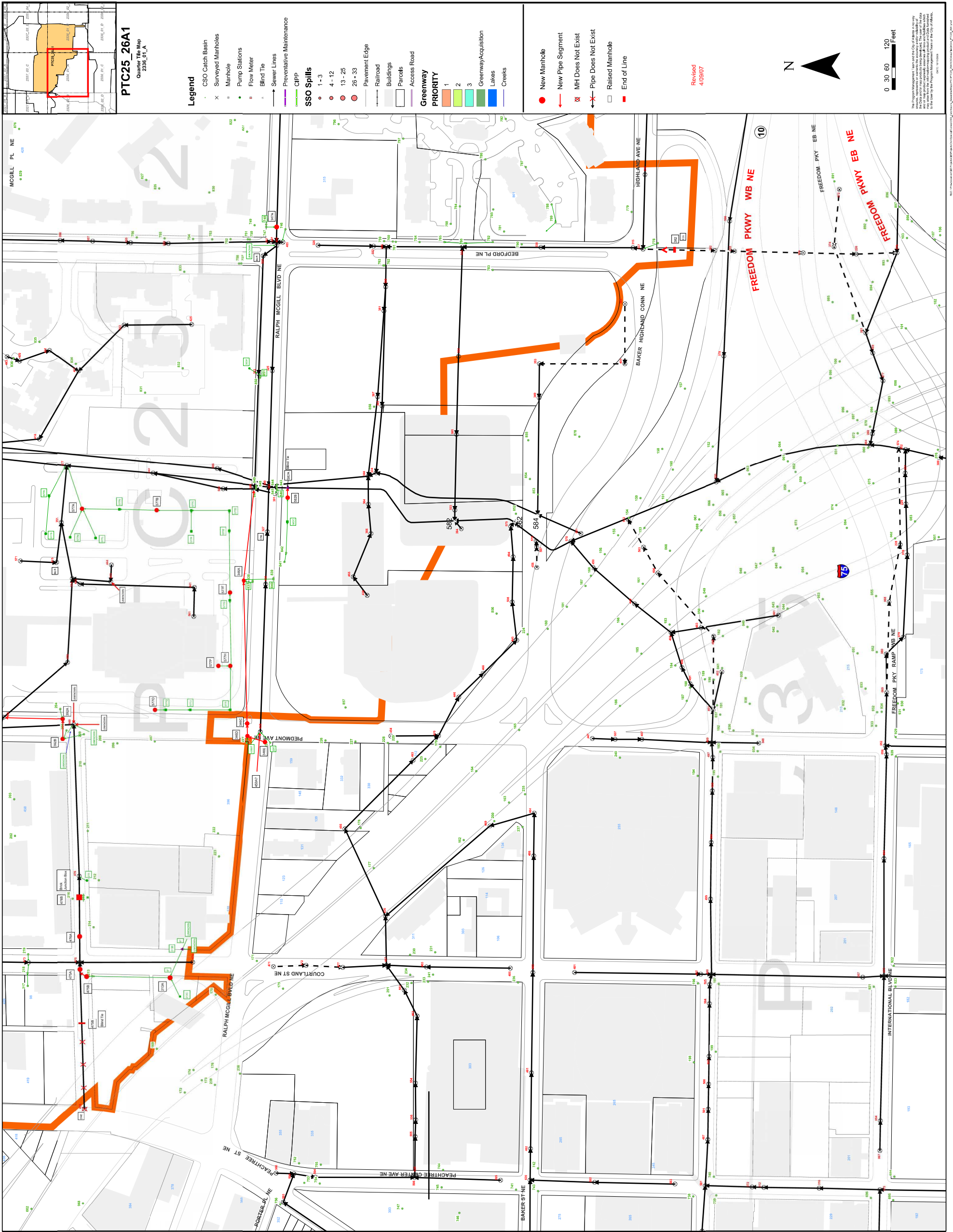
THIS MAP IS PROVIDED AS A PUBLIC SERVICE

The City of Atlanta has made known that these data contain known errors and inconsistencies. The City of Atlanta in no way ensures, represents, or warrants the accuracy and/or reliability of the data and/or map products being developed. The user of the data and/or map products assumes all risks and liabilities which may arise from the information produced by maps or data furnished to the user by the City of Atlanta.

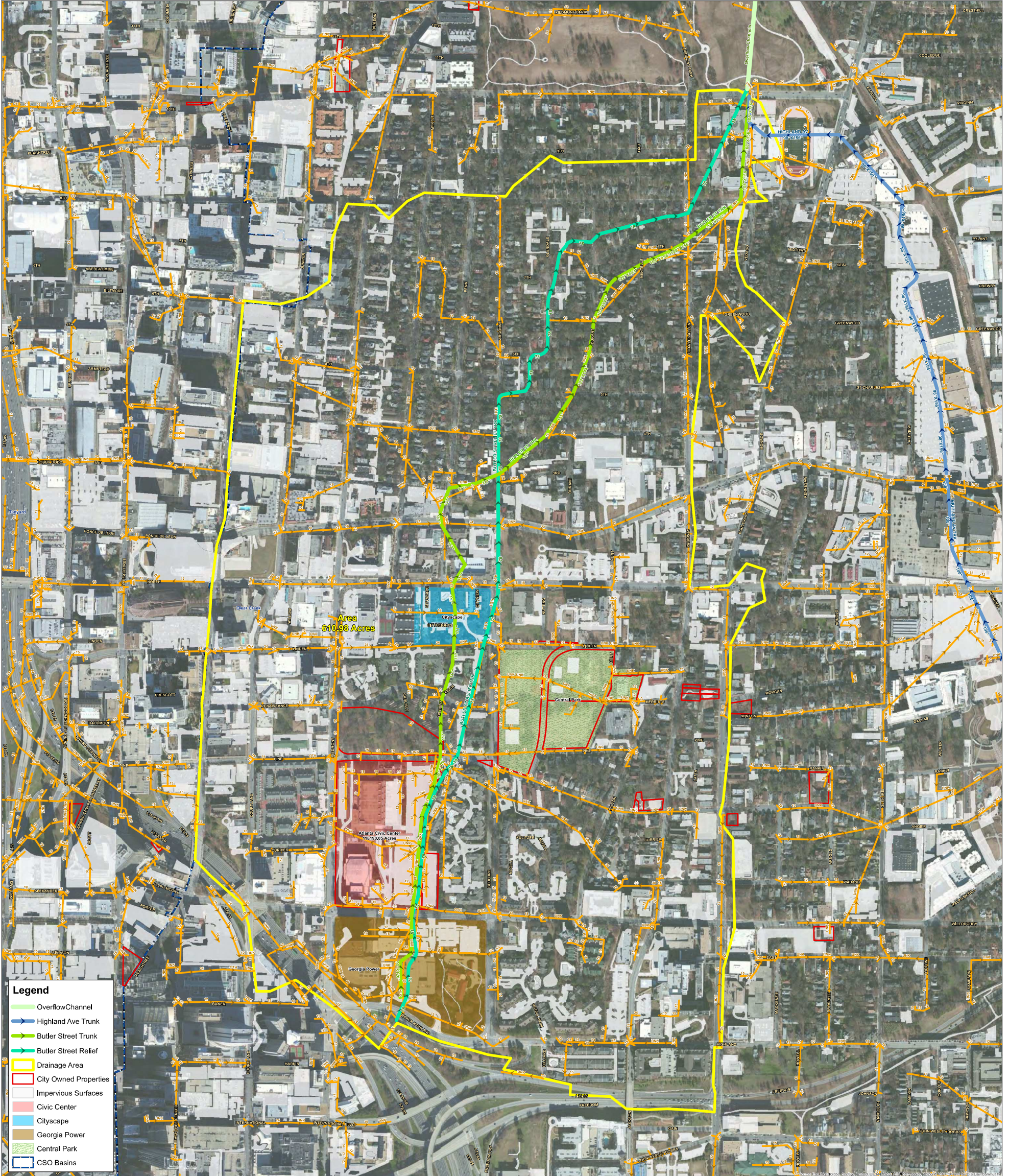


City of Atlanta
 Department of
 Watershed Management

COORDINATE SYSTEM	NAD 1983 STATE PLANE GEORGIA WEST	
MAP UNITS	U.S. SURVEY FEET	
DATE	12/5/2017	COMMENTS:
AUTHOR	DWM GIS	
TICKET #	2129	
MAP SCALE	1:679 1 in = 57 ft	



Storm Sewer System



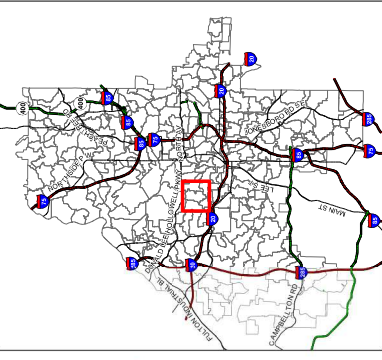
- Legend**
- OverflowChannel
 - Highland Ave Trunk
 - Butler Street Trunk
 - Butler Street Relief
 - Drainage Area
 - City Owned Properties
 - Impervious Surfaces
 - Civic Center
 - Cityscape
 - Georgia Power
 - Central Park
 - CSO Basins

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City of Atlanta
 Department of
 Watershed Management

COORDINATE SYSTEM	NAD 1983 STATE PLANE GEORGIA WEST	
MAP UNITS	U.S. SURVEY FEET	
DATE	7/11/2013	COMMENTS
AUTHOR	DWM GIS	
TICKET #	Request	
MAP SCALE	1:3,600 1 in = 300 ft	



PTC36D

Legend

- oc_Junction_Symbol02
- Storm Inlet selection
- Proposed Water Main
- Manhole
- Sewer Lines
- Storm Inlet
- Storm Connection
- Sheet-class
- Parcel
- Map Index
- Surveyed Manholes
- Pump Stations
- Flow Meter
- Blow Tie
- Actual/Completed Rehab
- Proposed Pipe Rehab

Sewer Lines

- Sewer Lines
- Storm Inlet
- Storm Connection
- Sheet-class
- Parcel
- Map Index
- Surveyed Manholes
- Pump Stations
- Flow Meter
- Blow Tie
- Actual/Completed Rehab
- Proposed Pipe Rehab

SSO Spills Count

Count

- 1-3
- 4-9
- 10-22
- 26-41

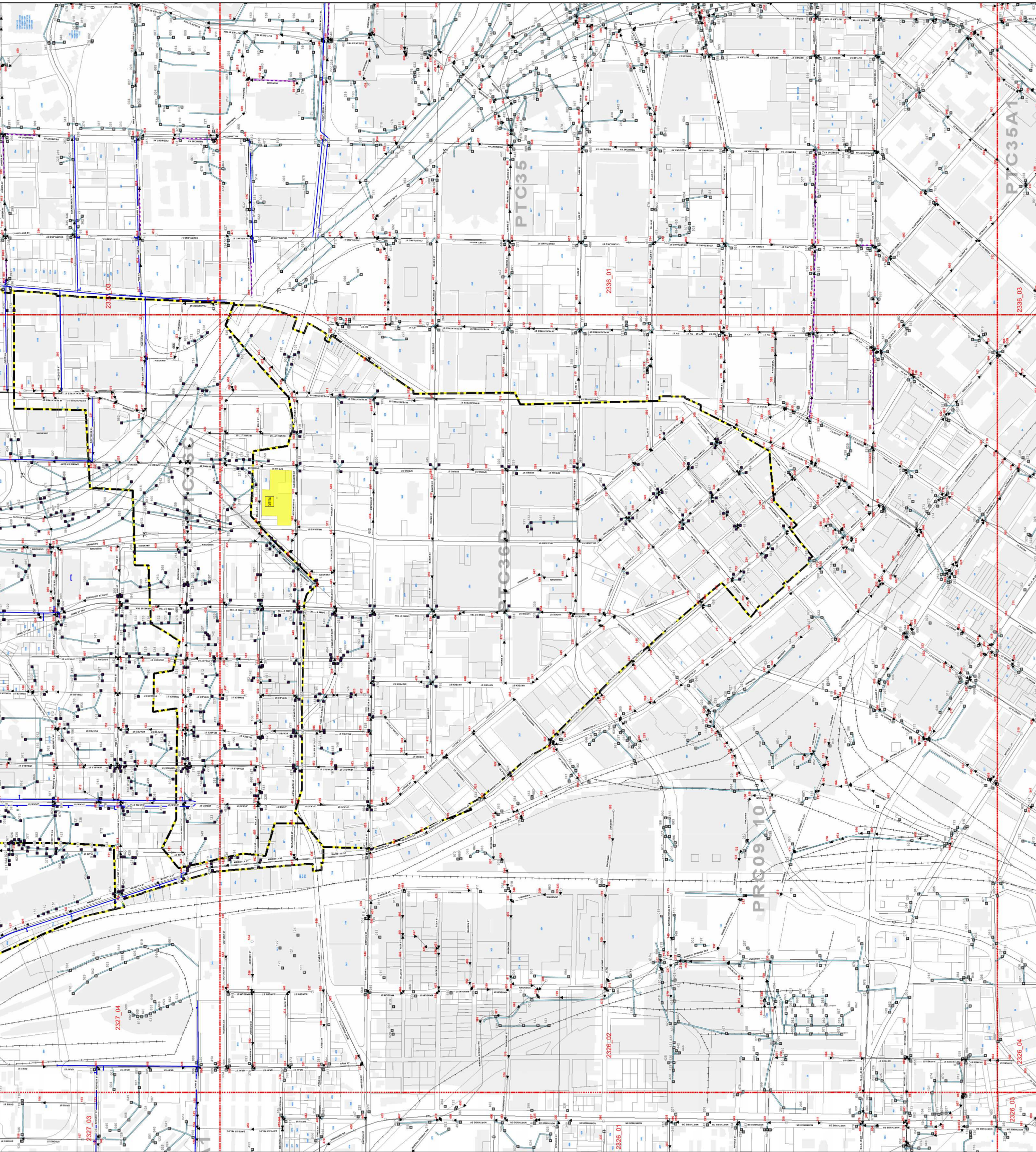
- Sewered Boundary
- Access Road
- Railroad
- Greenway
- Lakes
- Buildings
- Creeks
- SewerShed_Grid

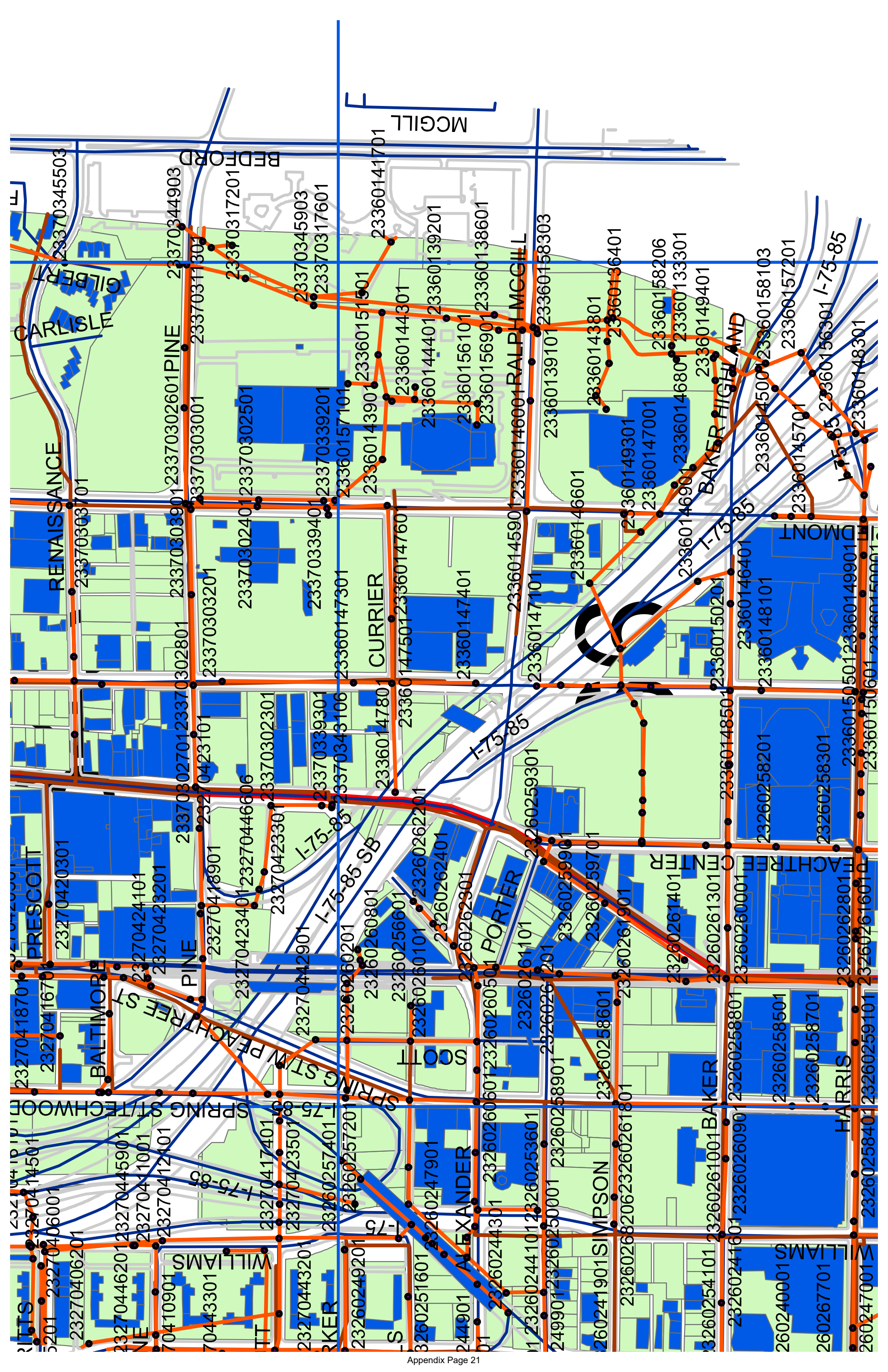


Map Series is not to a specific scale, use a ruler with the map series to determine the scale to actual size when attempting to make accurate measurements.



The Program Management Team and the City of Atlanta in the way the data for this map were collected. The user of the data is responsible for the accuracy of the information presented and data provided to the City of Atlanta by the Program Management Team of the City of Atlanta.

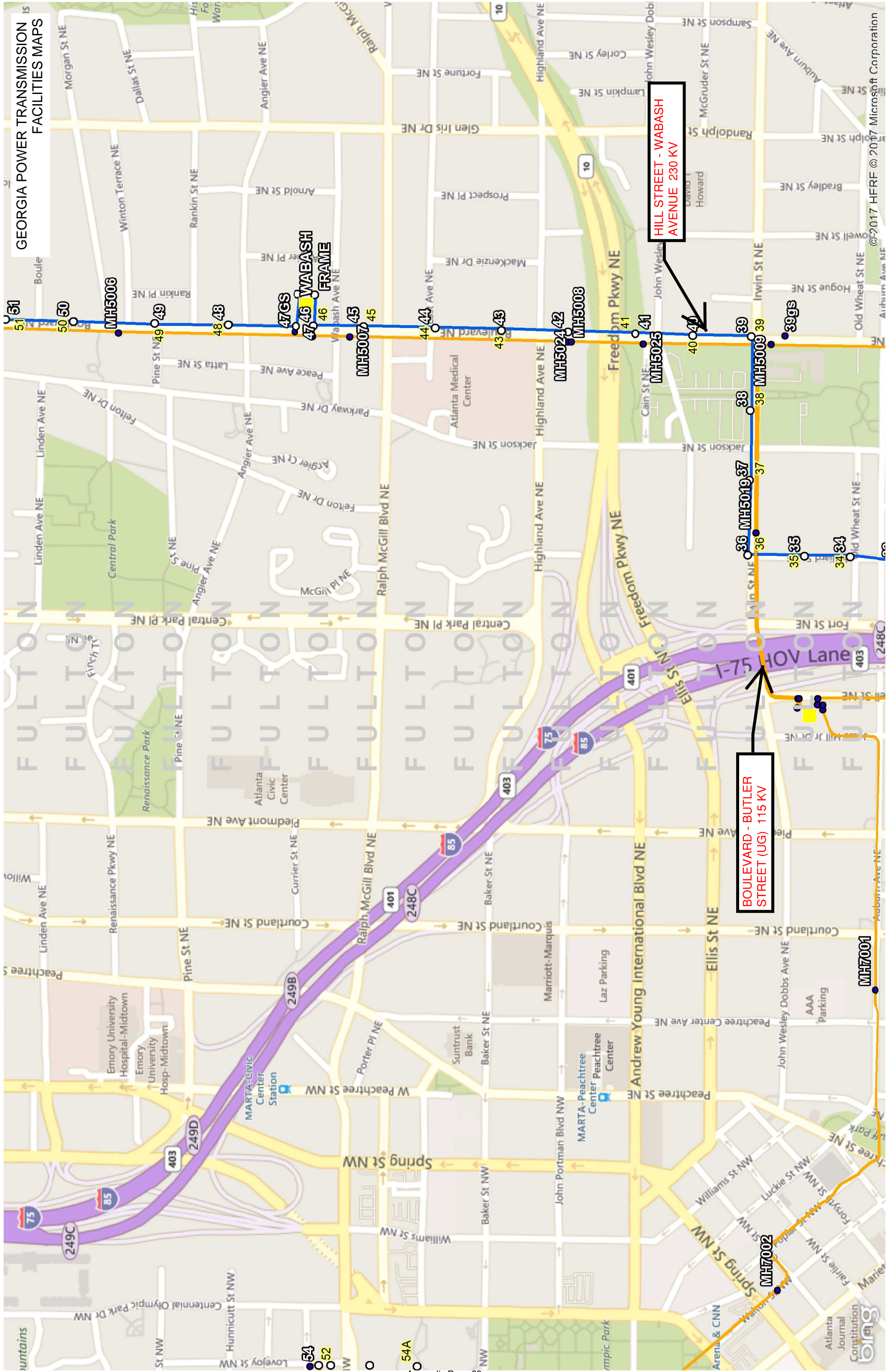




CIVIL APPENDIX D

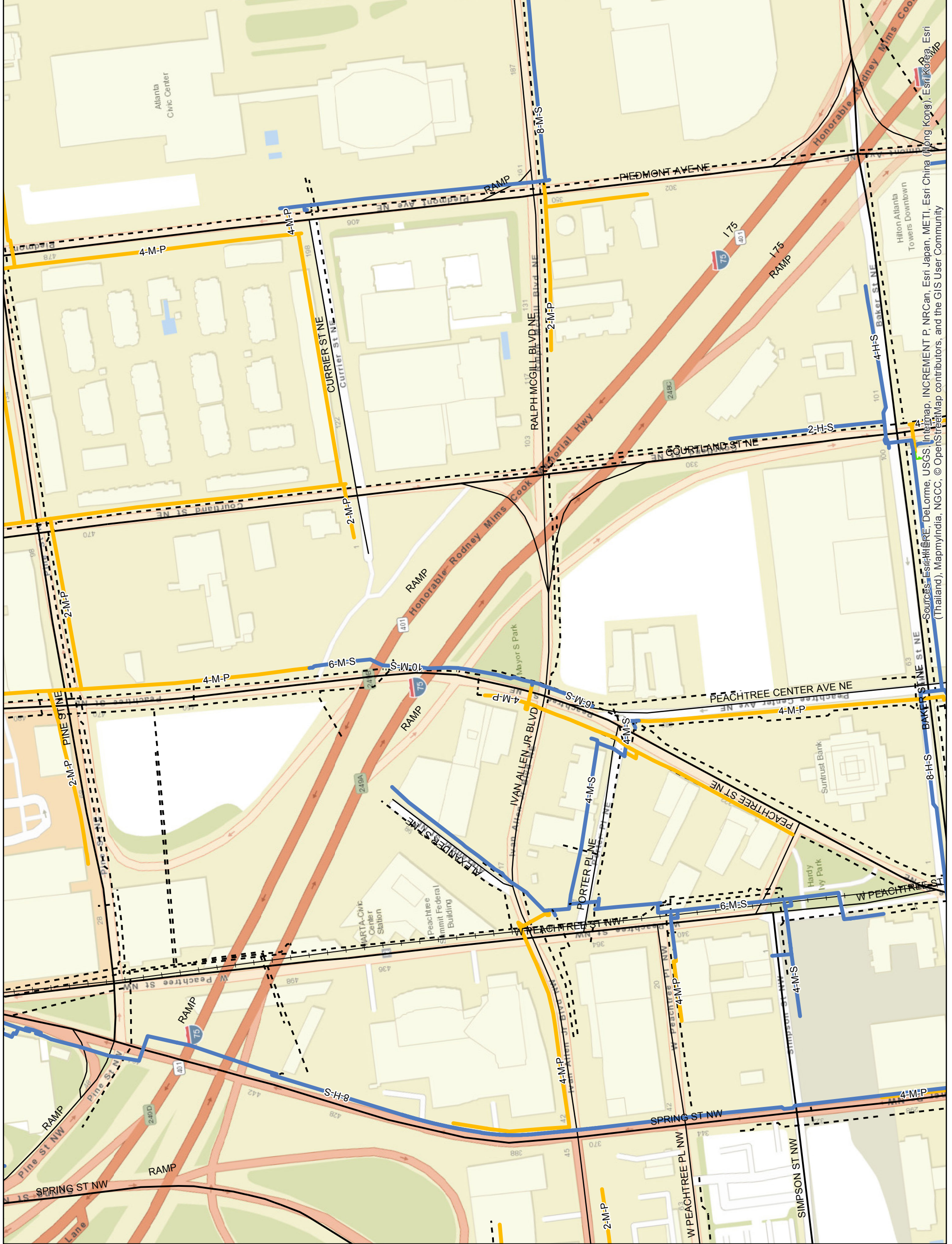
FRANCHISED UTILITY MAPS

GEORGIA POWER TRANSMISSION FACILITIES MAPS



HILL STREET - WABASH AVENUE 230 KV

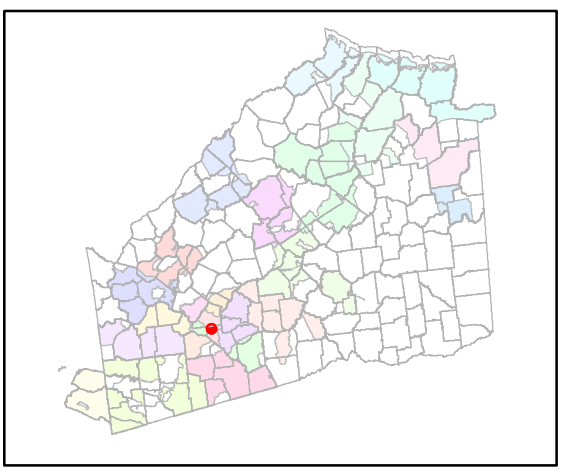
BOULEVARD - BUTLER STREET (UG) 115 KV



Line Locate



- Steel Main
- Plastic Main
- Iron Main
- Connector/Pipe
- Copper Main
- Service Line
- Retired Gas Main



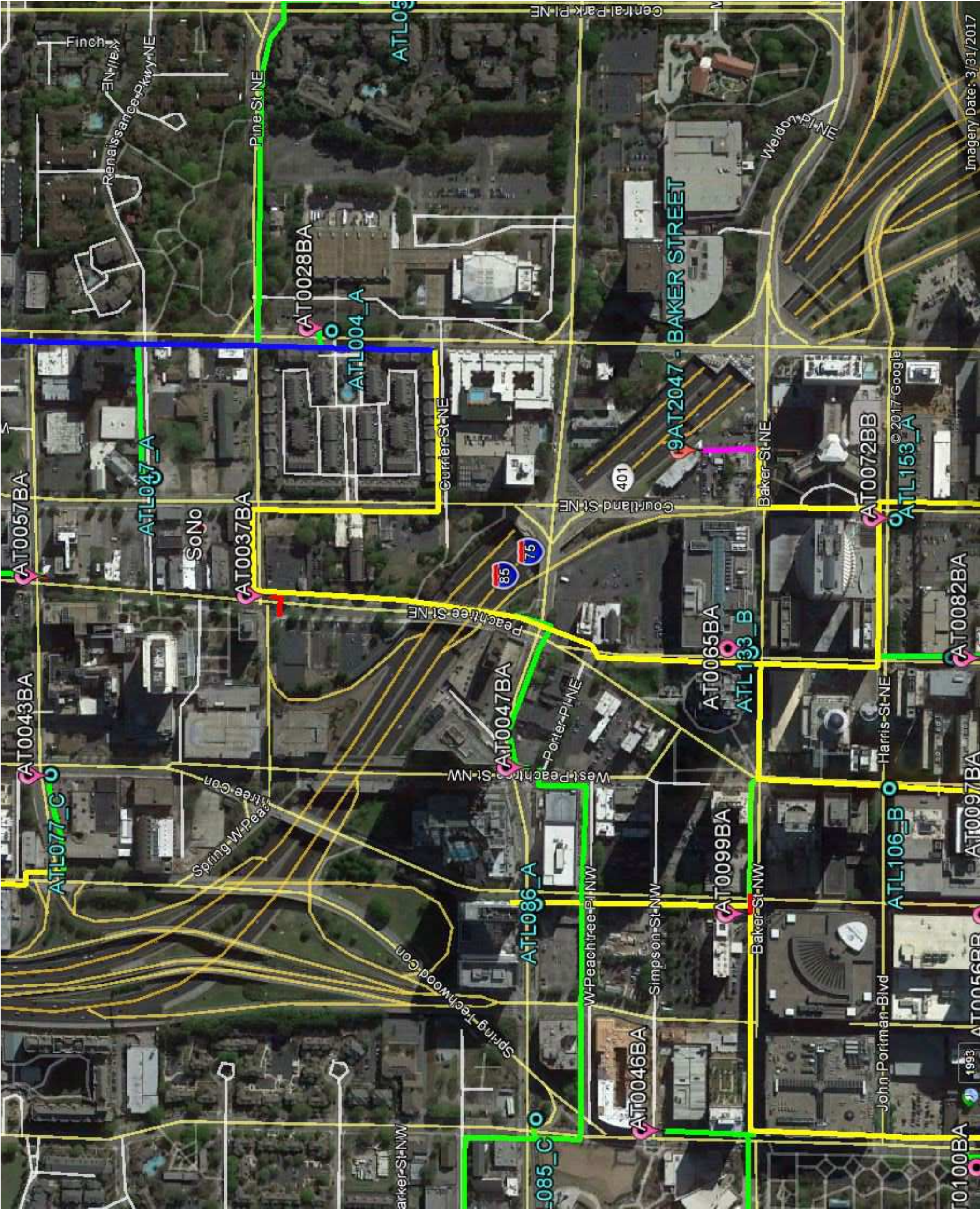
This drawing, map or record (Document) is provided by Southern Company Gas and its subsidiaries (GAS) and is intended to serve as a guide. Reproductions of this Document are not allowed without written permission of GAS. GAS does not warrant the accuracy or usefulness of the Document and disclaims all liability associated with your use of this Document. This Document is not a means of locating underground utilities. You are required to contact the national utility locating service at 811 prior to digging around any underground utility.



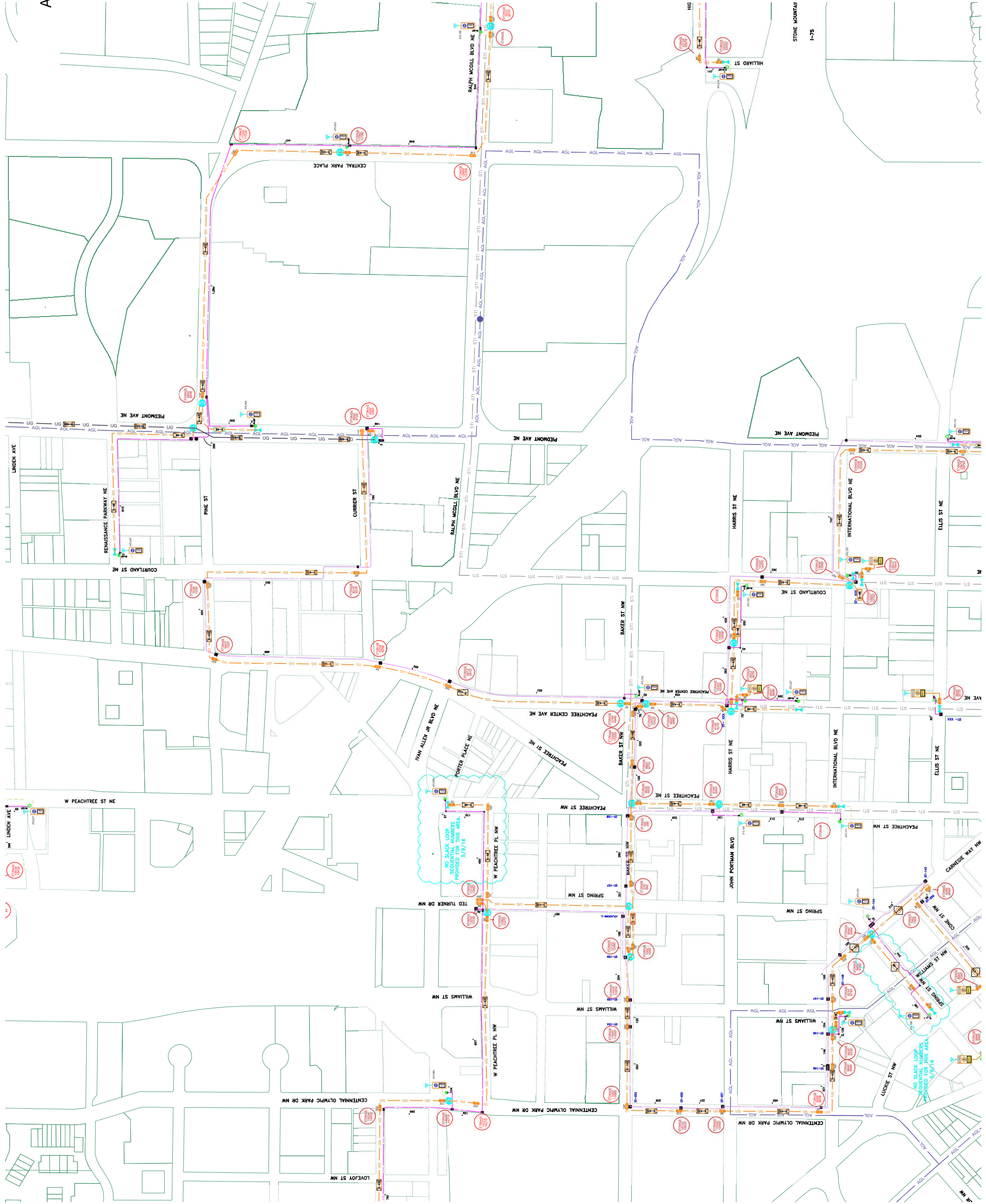
Know what's below.
Call before you dig.



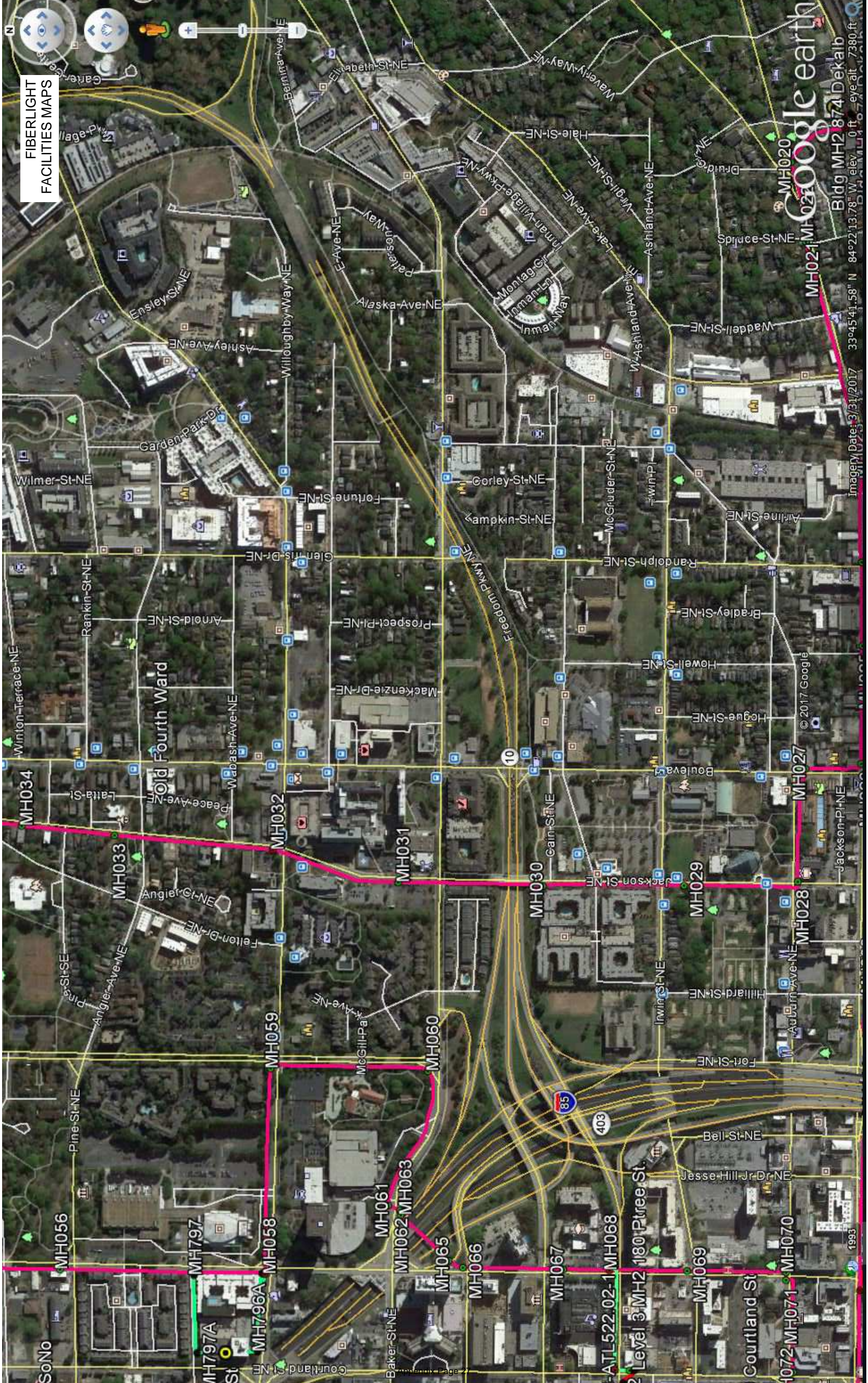
Sources: Esri HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), MapmyIndia, NGCC, © OpenStreetMap contributors, and the GIS User Community



CROWN CASTLE
AREA AS-BUILT MAP



FIBERLIGHT
FACILITIES MAPS





January 18, 2018

RE: Downtown Connector
PI: # N/A
Fulton, County

To Whom it may concern,

After records and map review, the determination was made that there are no Tower Cloud/Uniti Fiber facilities within the construction limits of the Project: Downtown Connector.

If you have any questions please call me at 334-703-9682.

Gene Manning
OSP Engineer
Alabama/ Georgia
Tower Cloud Inc.
334-703-9682 Cell
9501 International Court North
St. Petersburg, FL 33716
gmanning@unitifiber.com

APPENDIX E

PEACHTREE STREET BRIDGE DATA

Bridge Inventory Data Listing



Parameters: Bridge Serial Num

Structure ID:121-0644-0

Fulton

SUFF. RATING: 77.43

Location & Geography				Signs & Attachments	
Structure ID:	121-0644-0	*104 Highway System:	0	225 Expansion Joint Type:	05
200 Bridge Information:	06	*26 Functional Classification:	17	242 Deck Drains:	1
*6A Feature Int:	I-75	*204 Federal Route Type:	M No: 09201	243 Parapet Location:	3
*6B Critical Bridge:	0	105 Federal Lands Highway:	0	Height:	2
*7A Route No Carried:	CS00661	*110 Truck Route:	0	Width:	1
*7B Facility Carried:	PEACHTREE STREET	2006 School Bus Route:	1	238 Curb Height:	1
9 Location:	IN ATLANTA	217 Benchmark Elevation:	0000.00	Curb Material:	1
2 Dot District:	7	218 Datum:	0	239 Handrail:	2 2
207 Year Photo:	2011	*19 Bypass Length:	01	*240 Medium Barrier Rail:	0
*91 Inspection Frequency:	24 Date: 05/26/2011	*20 Toll:	3	241 Bridge Median Height:	0
92A Fract Crit Insp Freq:	0 Date: 02/01/1901	*21 Maintanance:	01	* Bridge Median Width:	0
92B Underwater Insp Freq:	0 Date: 02/01/1901	*22 Owner:	01	230 Guardrail Loc. Dir. Rear:	0
92C Other Spc. Insp Freq:	0 Date: 02/01/1901	*31 Design Load:	6	Fwrd:	0
* 4 Place Code:	04000	37 Historical Significance:	5	Oppo. Dir. Rear:	0
*5 Inventory Route(O/U):	1	205 Congressional District:	05	Oppo. Fwrd:	0
Type:	5	27 Year Constructed:	1987	244 Aproach Slab:	3
Designation:	1	106 Year Reonstrcted:	0000	224 Retaining Wall:	1
Number:	09201	33 Bridge Medium:	0	233Posted Speed Limit:	35
Direction:	0	34 Skew:	32	236 Warning Sign:	0.00
*16 Latitude:	33 45.9263 HMMS Prefix:	35 Structure Flared:	0	234 Delineator:	0.00
*17 Longtitude:	84 -23.1277 HMMS Suffix: MP:0.00	38 Navigation Control:	N	235 Hazzard Boards:	0
98 Border Bridge:	000%Shared:00	213 Special Steel Design:	0	237 Utilities Gas:	23
99 ID Number:	0000000000000000	267 Type of Paint:	5	Water:	21
*100 STRAHNET:	0	*42 Type of Service On:	5	Electric:	24
12 Base Highway Network:	1	Type of Service Under:	1	Telephone:	21
13A LRS Inventory Route:	1213066103	214 Movable Bridge:	0	Sewer:	00
13B Sub Inventory Route:	0	203 Type Bridge:	Z	247 Lighting Street:	1
101 parallel Structure:	N	259 Pile Encasement:	3	Navigation:	0
*102 Direction of Traffic:	2	*43 Structure Type Main:	4 02	Aerial:	0
*264 Road Inventory Mile Post:	008.93	45 No.Spans Main:	002	*248 County Continuity No.:	00
*208 Inspection Area:	7 Initials: EFP	44 Structure Type Appr:	0 00		
Engineer's Initials:	sgm	46 No Spans Appr:	0000		
* Location ID No:	121-09201M-000.38N	226 Bridge Curve Horz:	1 Vert: 1		
		111 pier Protection:	0		
		107 Deck Structure Type:	1		
		108 Wearing Structure Type:	1		
		Membrane Type:	0		
		Deck Protection:	1		



Bridge Inventory Data Listing

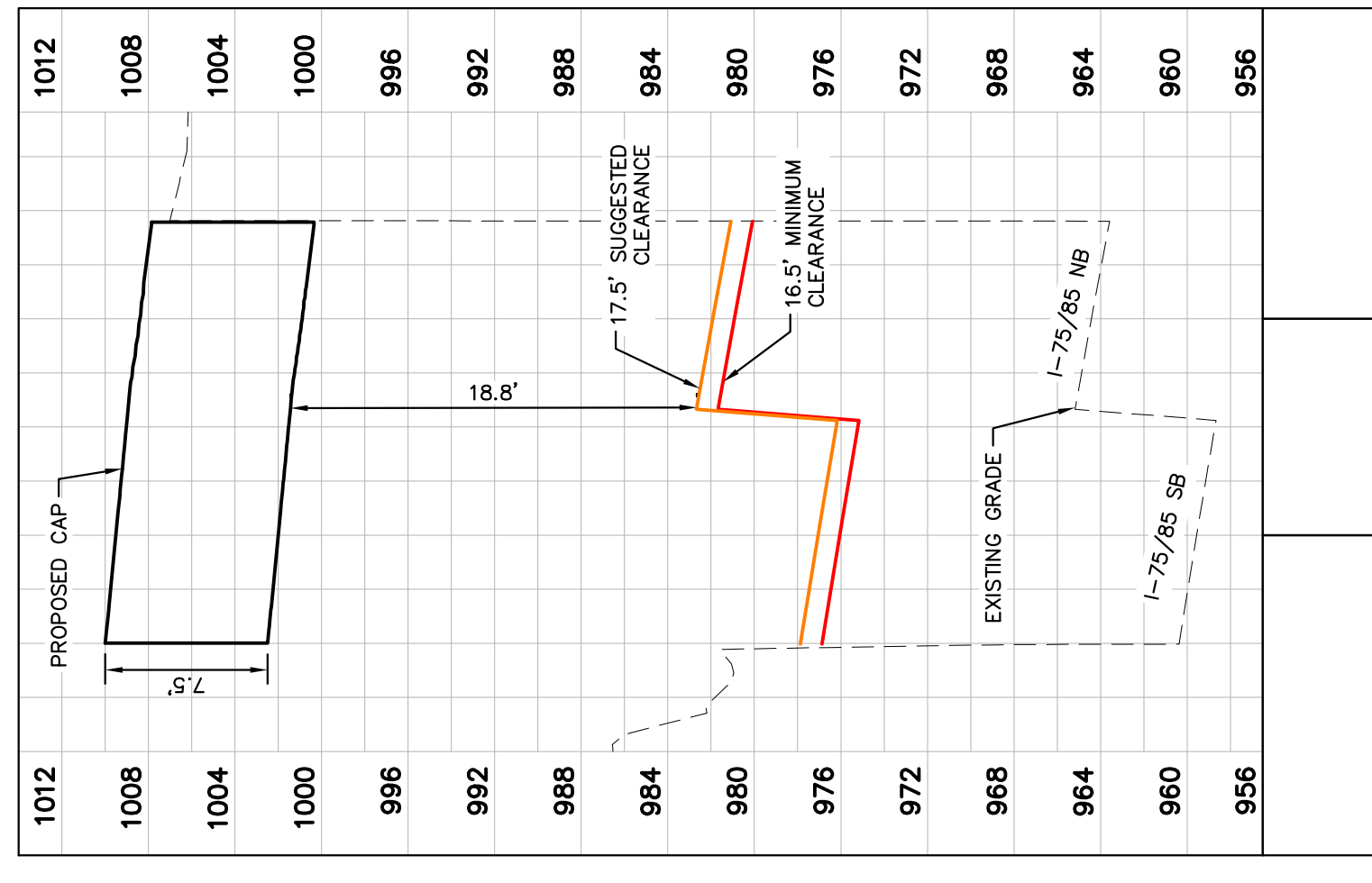
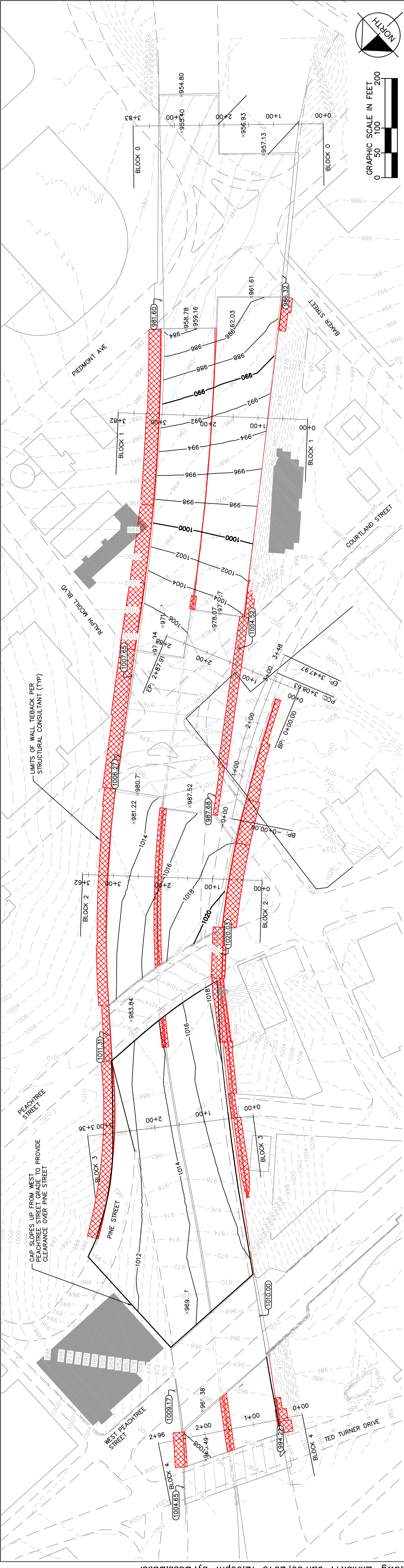
Parameters: Bridge Serial Num

Structure ID:121-0644-0

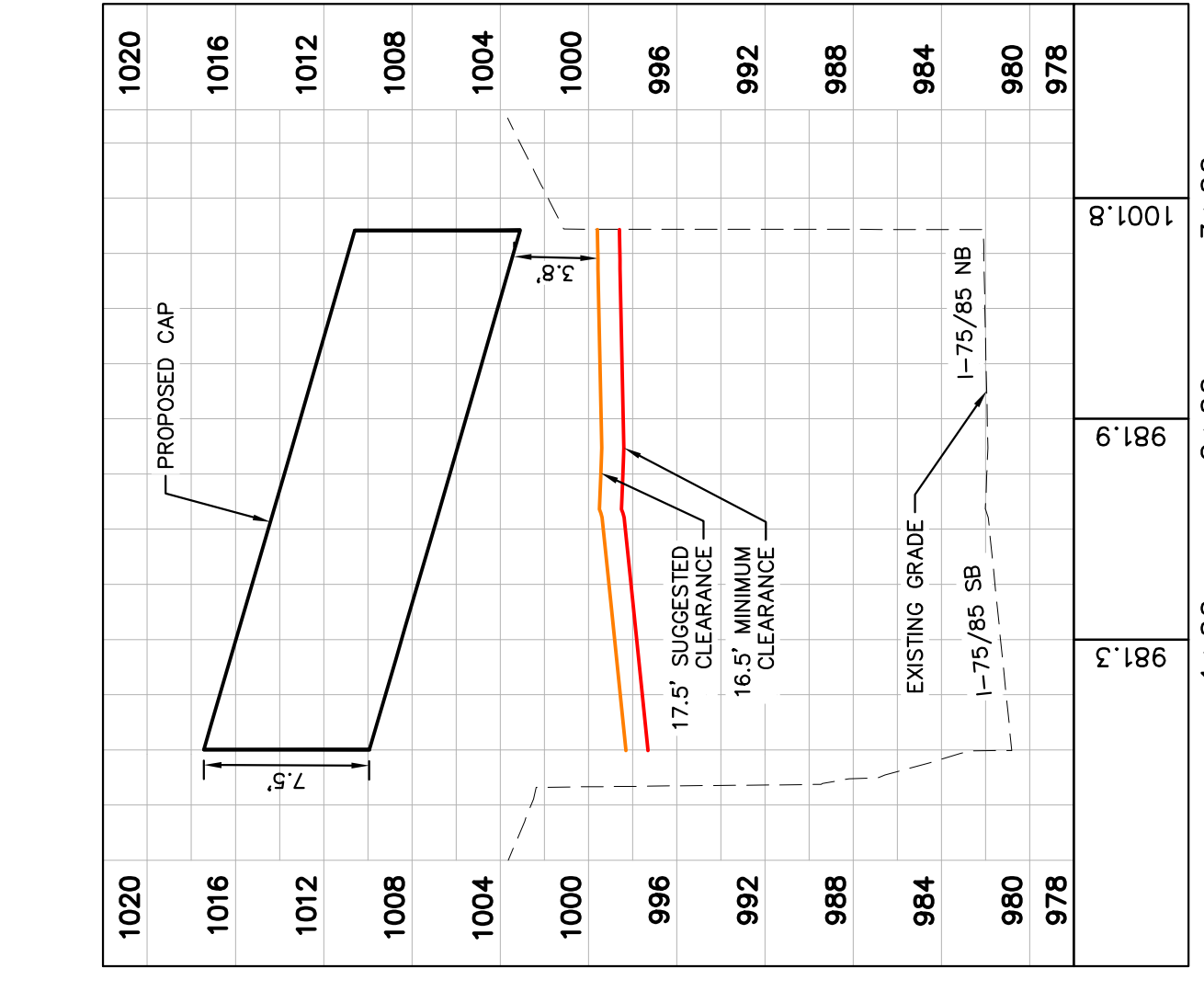
Programming Data		Measurements:				
201 Project No:	ACIB-I-IR-75-2 (137) CT.1	*29ADT	021550	Year:2007	65 Inventory Rating Method:	1
202 Plans Available:	1	109%Trucks:	0		63 Operating Rating Method:	1
249 Prop Proj No:	00000000000000000000000000000000	* 28 Lanes On:	06	Under:15	66 Inventory Type:	2 Rating: 33
250 Approval Status:	0000	210 No. Tracks On:	00	Under:00	64 Operating Type:	2 Rating: 33
251 PI Number:	M004586	* 48 Max. Span Length	0151		231 Calculated Loads:	
252 Contract Date:	02/01/1901	* 49 Structure Length:	288		H-Modified:	21 0
260 Seismic No:	00000	51 Br. Rwdy. Width	66.00		HS-Modified:	30 0
75 Type Work:	00 0	52 Deck Width:	88.40		Type 3:	33 0
94 Bridge Imp. Cost:	\$0	* 47 Tot. Horiz. Cl:	66		Type 3s2:	40 0
95 Roadway Imp. Cost:	0	50 Curb / Sidewalk Width	10.00/ 10.00		Timber:	37 0
96 Total Imp Cost:	0	32 Approach Rdwy. Width	064		Piggyback:	00 0
76 Imp Length:	000000	*229 Shoulder Width:			261 H Inventory Rating:	27
97 Imp Year:	0000	Rear Lt:	0.00	Type:7 Rt:0.00	262 H Operating Rating	46
114Furure ADT:	32325 Year:2030	Fwd. Lt:	0.00	Type:7 Rt:0.00	67 Structural Evaluation:	7
Hydraulic Data		Permanent Width:			58 Deck Condition:	7
215Waterway Data:		Rear:	65.50	Type:7	59 Superstructure Condition:	7
High Water Elev:	0000.0 Year:1900		64.00	Type:2	* 227 Collision Damage:	0
Flood Elev:	0000.0 Freq:00	Intersection Rear:	1	Fwd: 1	60A Substructure Condition:	7
Avg Streambed Elev:	0000.0	36Safety Features Br. Rail:	1		60B Scour Condition:	N
Drainage Area:	00000	Transition:	N		60C Underwater Condition	N
Area of Opening:	000000	App. G. Rail:	N		71 Waterway Adequacy:	N
113 Scour Critical	N	App. Rail End:	N		61 Channel Protection Cond.:	N
216Water Depth:	00.0 Br.Height:00.0	53 Minimum Cl. Over:	99' 99 "		68 Deck Geometry:	2
222Slope Protection:	0	Under:			69 UnderClr. Horz/Vert:	9
221Slope Protection	0 Fwd:0	*228 Minimum Vertical Cl			72 Appr. Alignment:	8
219Fender System	0	Act. Odm Dir::	99' 99"		62 Culvert:	N
220Dolphin:	0	Oppo. Dir:	99' 99"		Posting Data	
223Current Cover:	000	Posted Odm. Dir:	00' 00"		70 Bridge Posting Required	5
Type:	0	Oppo. Dir:	00' 00"		41 Struct Open, Posted, CL:	A
No. Barrels:	0	55 Lateral Undercl. Rt:	H 14 14		* 103 Temporary Structure:	0
* Width:	0.00 Height:0.00	56 Lateral Undercl. Lt:	5.50		232 Posted Loads	
* Length:	0 Apron:0	*10 Max Min Vert Cl:	99' 99" Dir:0		H-Modified:	00
265 U/W Insp. Area	0 Diver:ZZZ	39 Nav Vert Cl:	000 Horiz:0000		HS-Modified:	00
Location ID No:	121-09201M-000.38N	116 Nav Vert Cl Closed:	000		Type 3:	00
		245 Deck Thickness Main Deck Thick Approach:	9.00		Type 3s2:	00
		246 Overlay Thickness:	0.00		Timber:	00
		212 Year Last Painted:	Sup:1988Sub:0000		Piggyback	00
					253 Notification Date:	02/01/1901
					258 Fed Notify Date:	2/1/1901 12:00:00AM

APPENDIX F

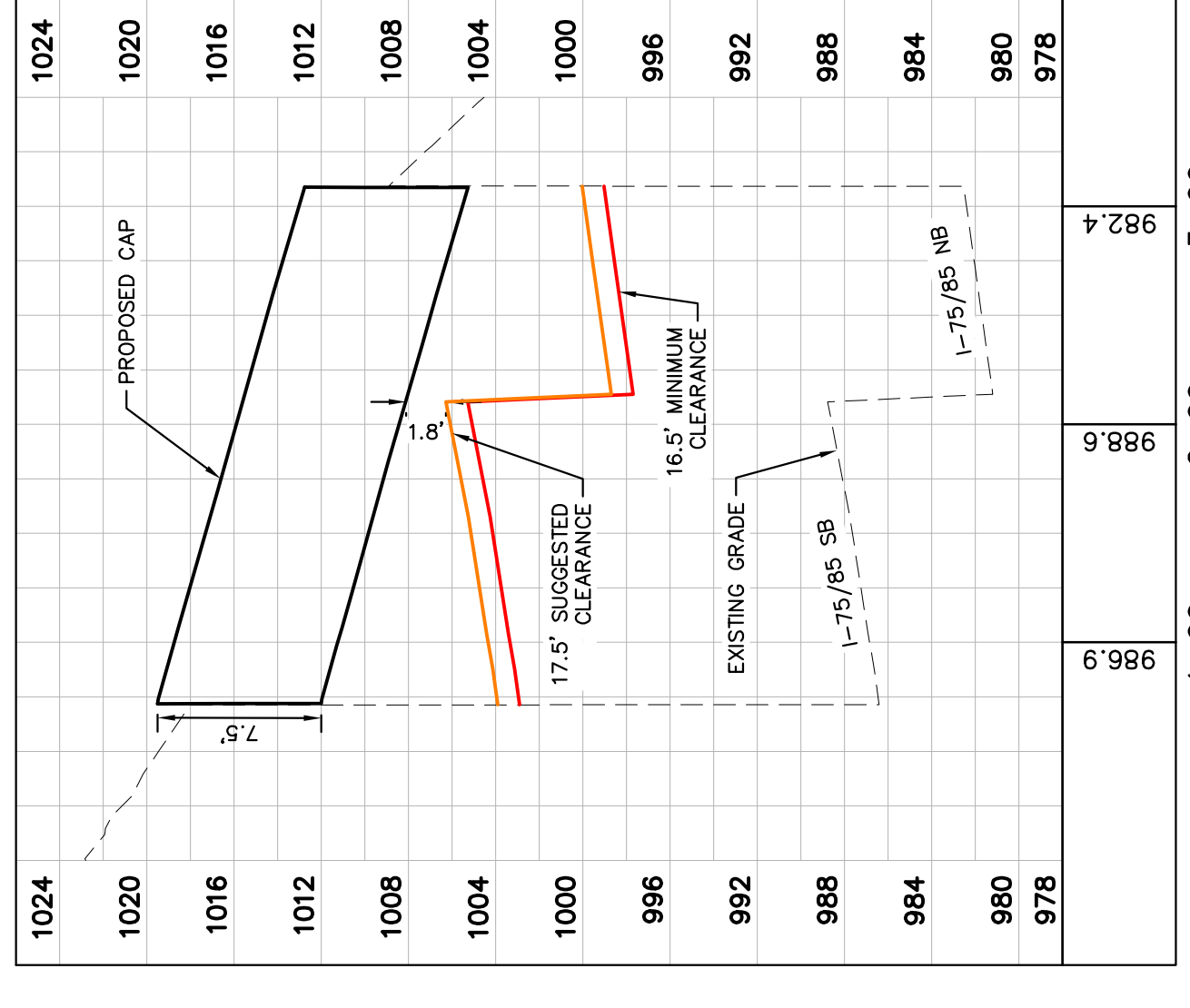
EXISTING TOPOGRAPHY AND CROSS SECTIONS



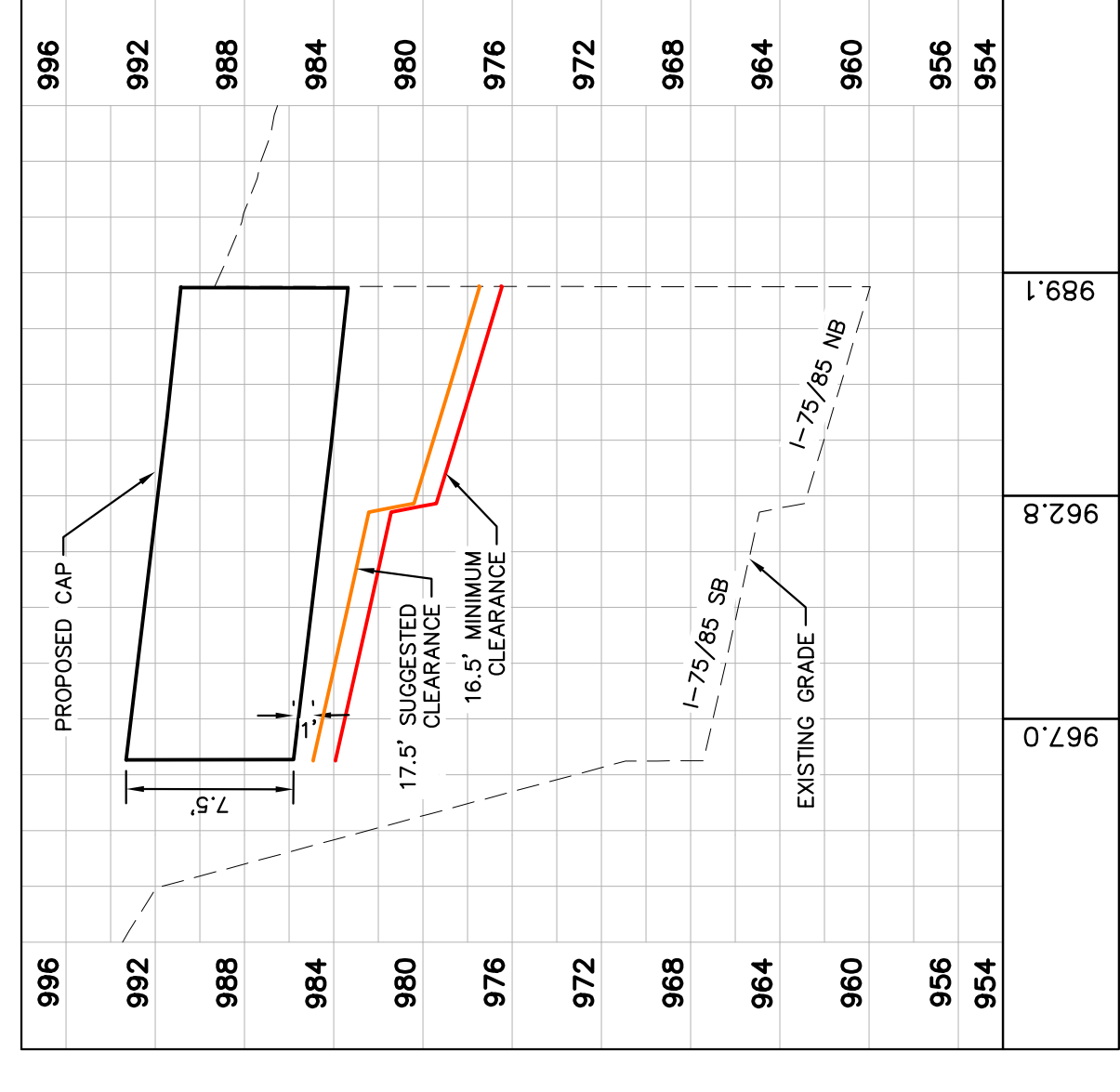
BLOCK 4
1" = 80' HORZ.
1" = 8' VERT.



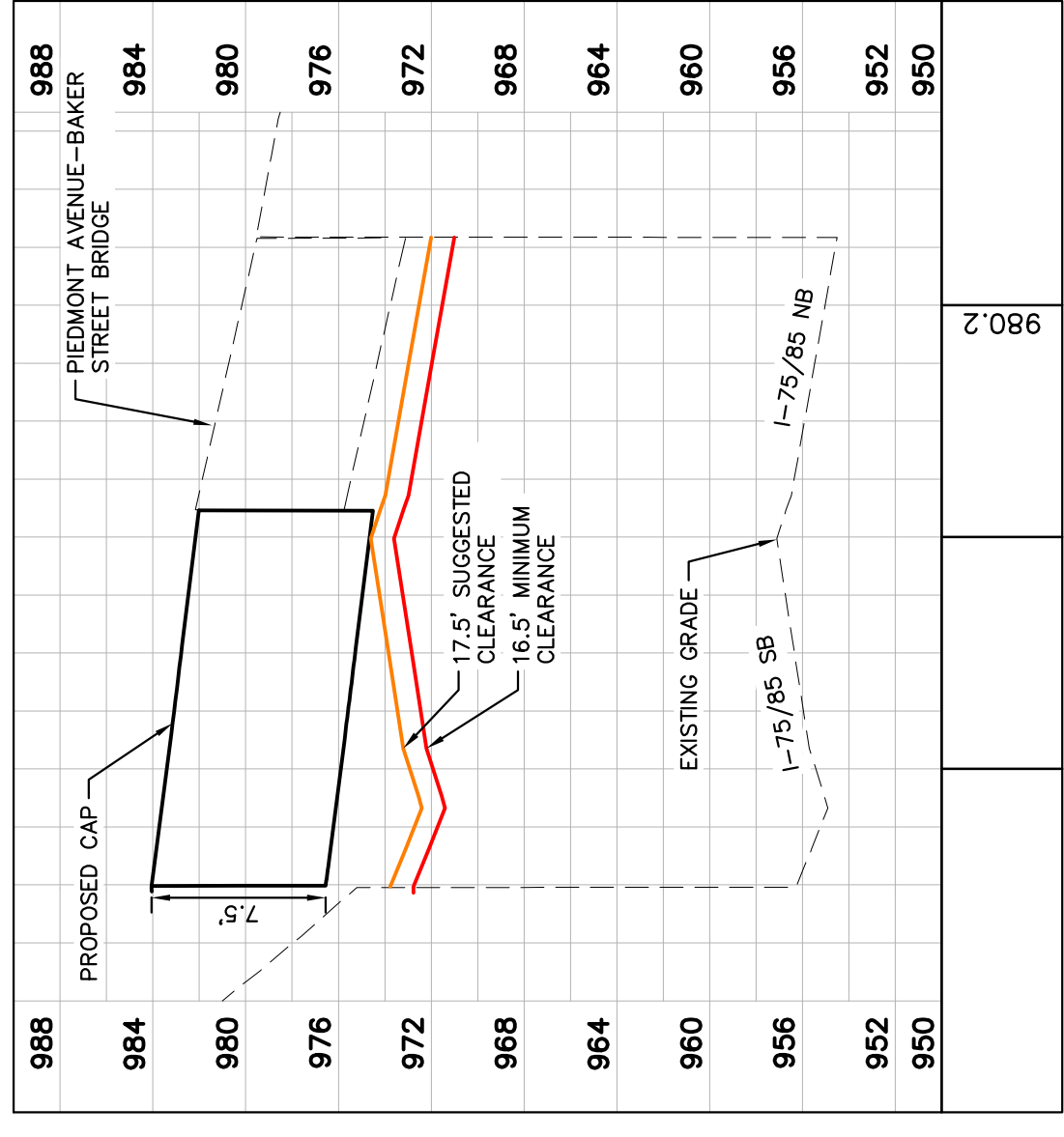
BLOCK 3
1" = 80' HORZ.
1" = 8' VERT.



BLOCK 2
1" = 80' HORZ.
1" = 8' VERT.



BLOCK 1
1" = 80' HORZ.
1" = 8' VERT.



BLOCK 0
1" = 80' HORZ.
1" = 8' VERT.

Central Atlanta Progress
Atlanta Downtown Improvement District

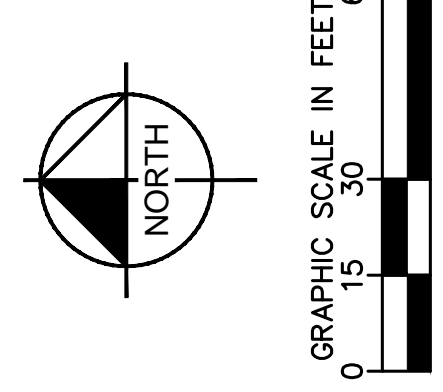
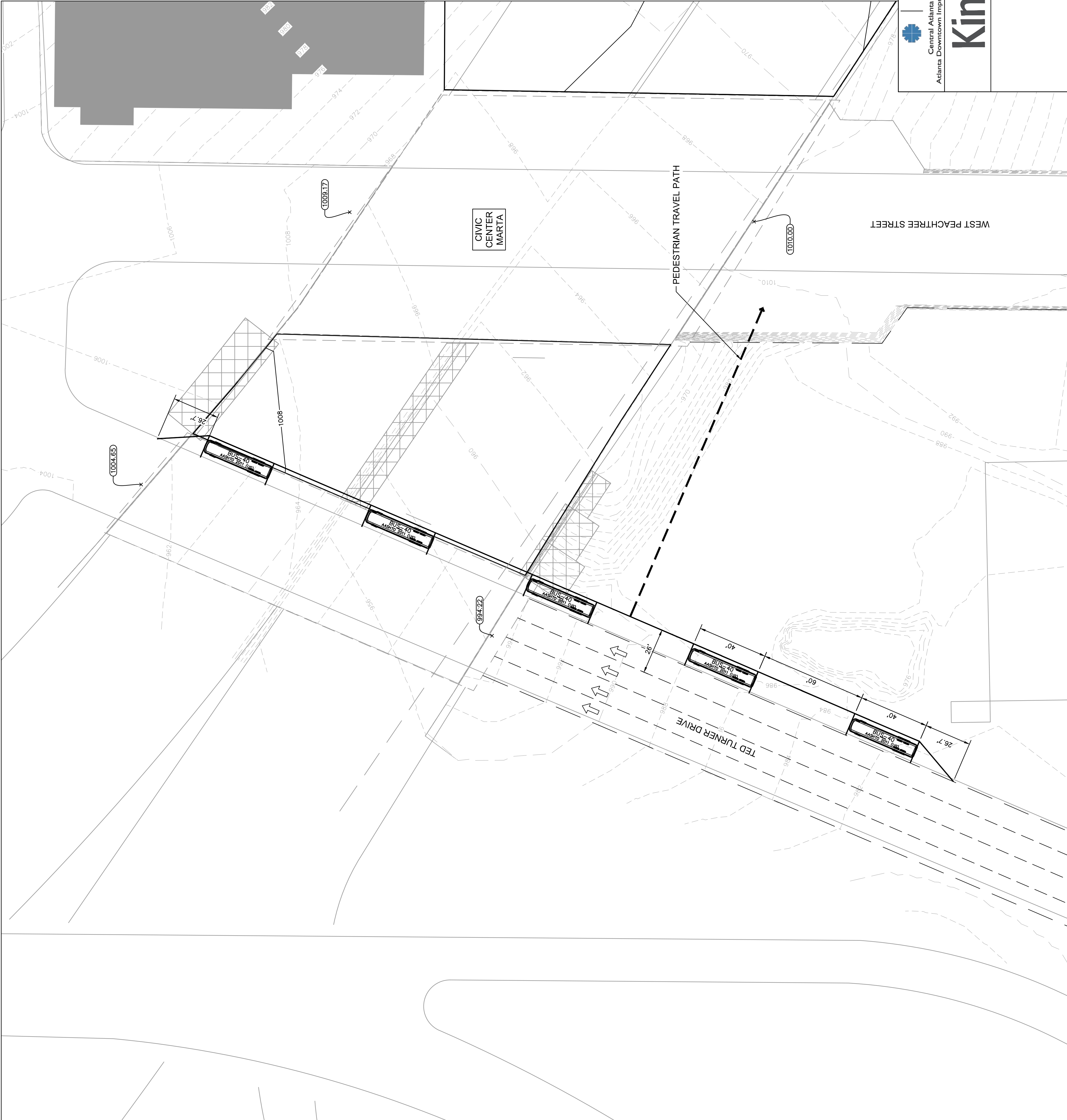
DaVinci
Development Collaborative, LLC

Kimley»Horn

THE STITCH

APPENDIX G

BUS TRAY OPTIONS

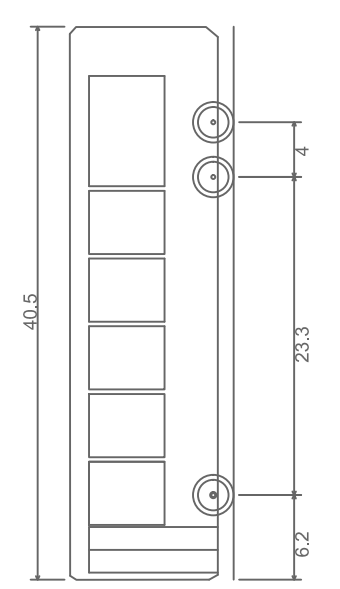



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 Atlanta Downtown Improvement District

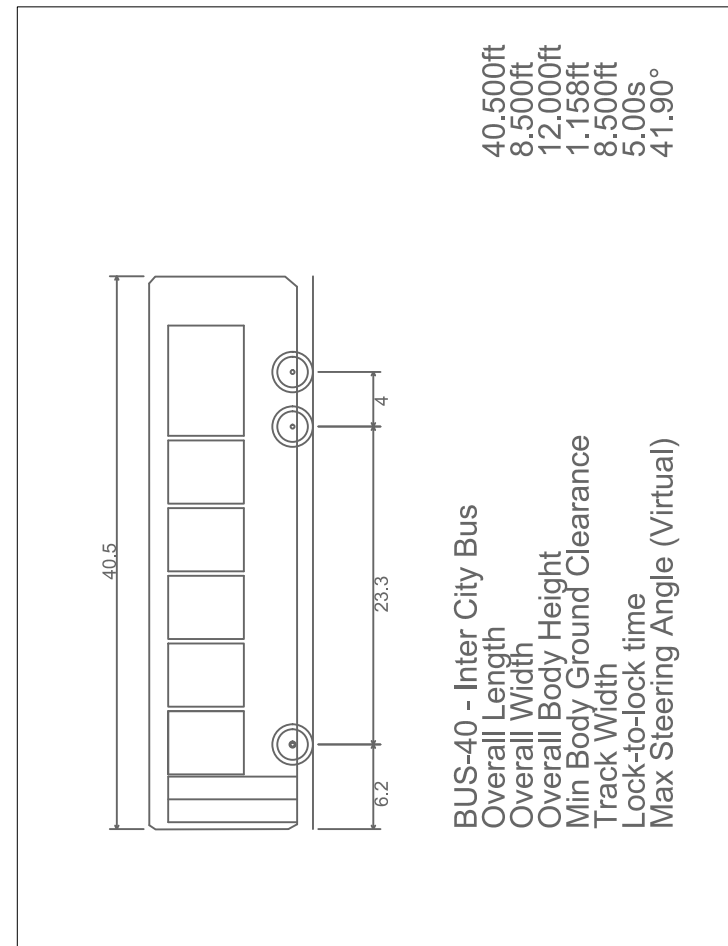
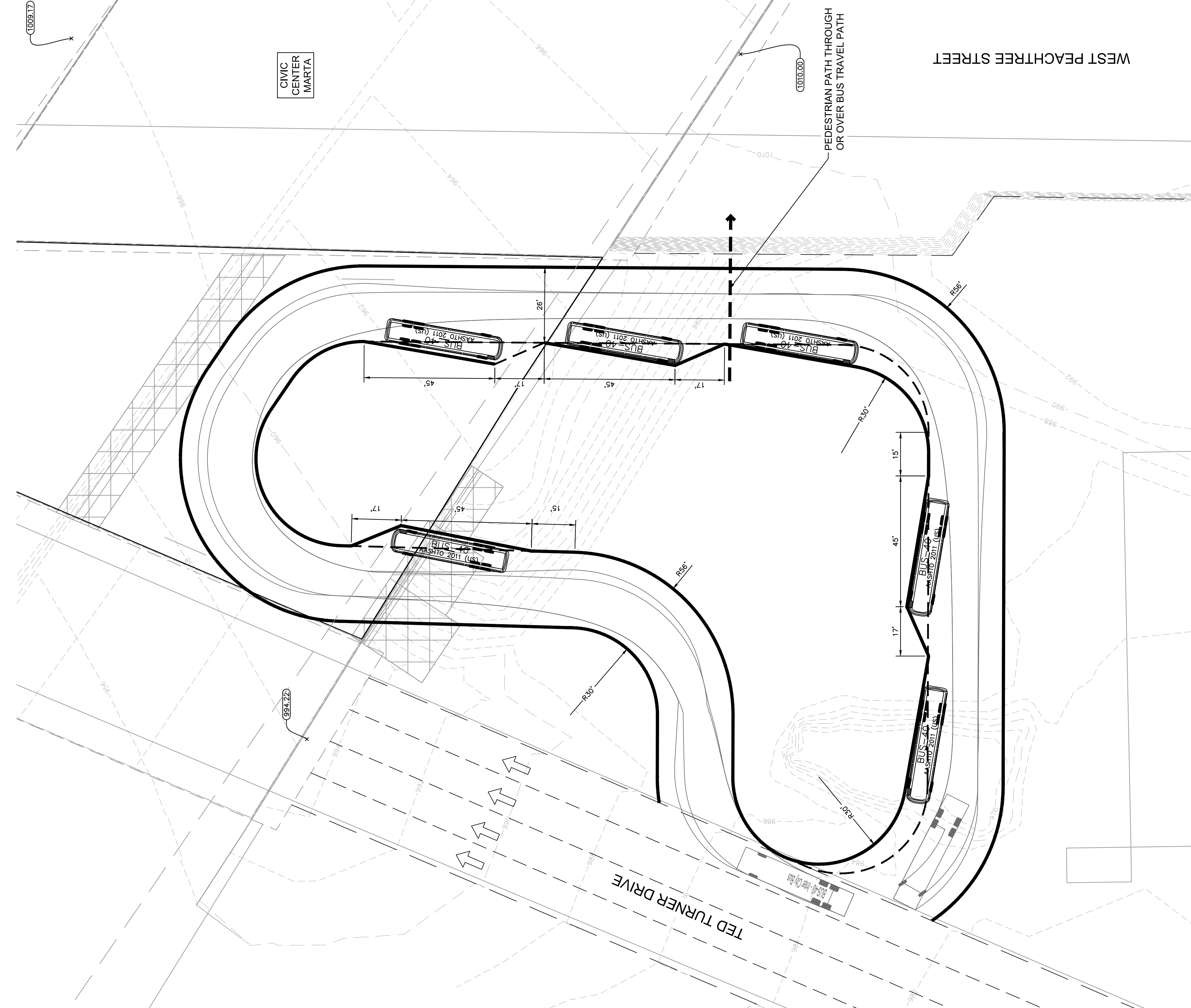
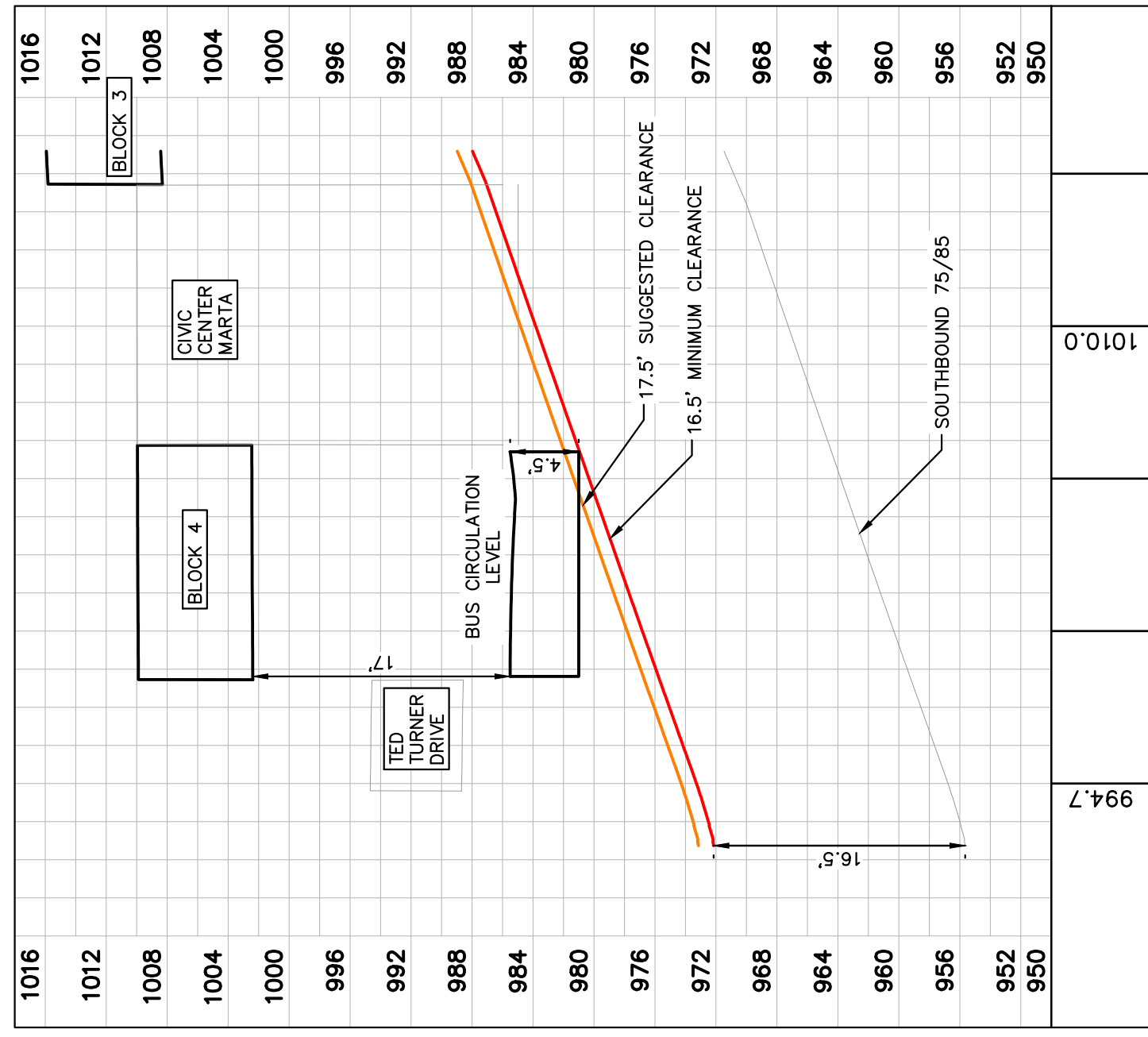

Kimley-Horn

THE STITCH
 Bus Option 1



BUS-40 - Inter City Bus
 Overall Length 48.500ft
 Overall Width 23.300ft
 Overall Body Height 12.000ft
 Min. Body Ground Clearance 8.500ft
 Tire Height 5.000ft
 Lock-to-lock time 5.00s
 Max Steering Angle (Virtual) 41.90°

BENEFIT	CONSTRAINT
5 BUSES ON EXISTING ROW WITH MINIMAL ENCROACHMENT	SHIFTS EXISTING CONDITION TO END OF CAP RATHER THAN REMOVING FROM STREET LEVEL



BUS-40 - Inter City Bus
 Overall Length 40.500ft
 Overall Width 8.500ft
 Overall Height 12.000ft
 Min Body Ground Clearance 1.158ft
 Track Width 8.500ft
 Max. Track Time 1:00.00
 Max. Steering Angle (Virtual) 41.30°

BENEFIT	CONSTRAINT
LARGEST BUS AREA ACCOMMODATING 6 SPACES AND REMOVES FROM STREET LEVEL	MOST EXPENSIVE IMPLEMENTATION AND REQUIRES LAND ACQUISITION

Central Atlanta Progress
Atlanta Downtown Improvement District

DaVinci
Development Collaborative, LLC

Kimley-Horn

THE STITCH
Bus Option 3

APPENDIX H

TWELVE CENTENNIAL SURVEY

APPENDIX I

EMORY MIDTOWN SITE PLAN

APPENDIX J

CIVIL SITE PHOTOGRAPHS



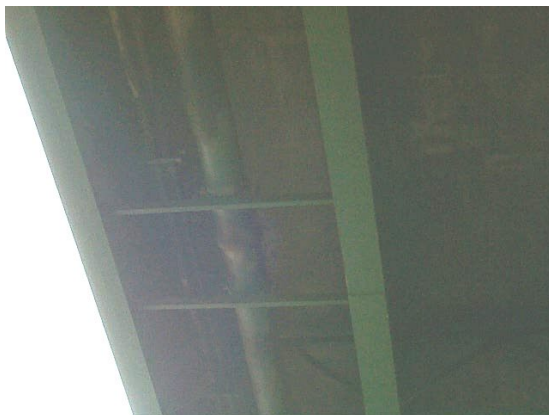
EXISTING UTILITIES IN BRIDGE STRUCTURE



ELECTRIC



COMMUNICATION AND GAS



WATER



COMMUNICATION

THE STITCH
Photograph Sheet

Photo No. 1



Remarks: CIVIC CENTER MARTA STATION
WEST PEACHTREE STREET LOOKING SOUTH

Photo No. 2



Remarks: CIVIC CENTER MARTA STATION

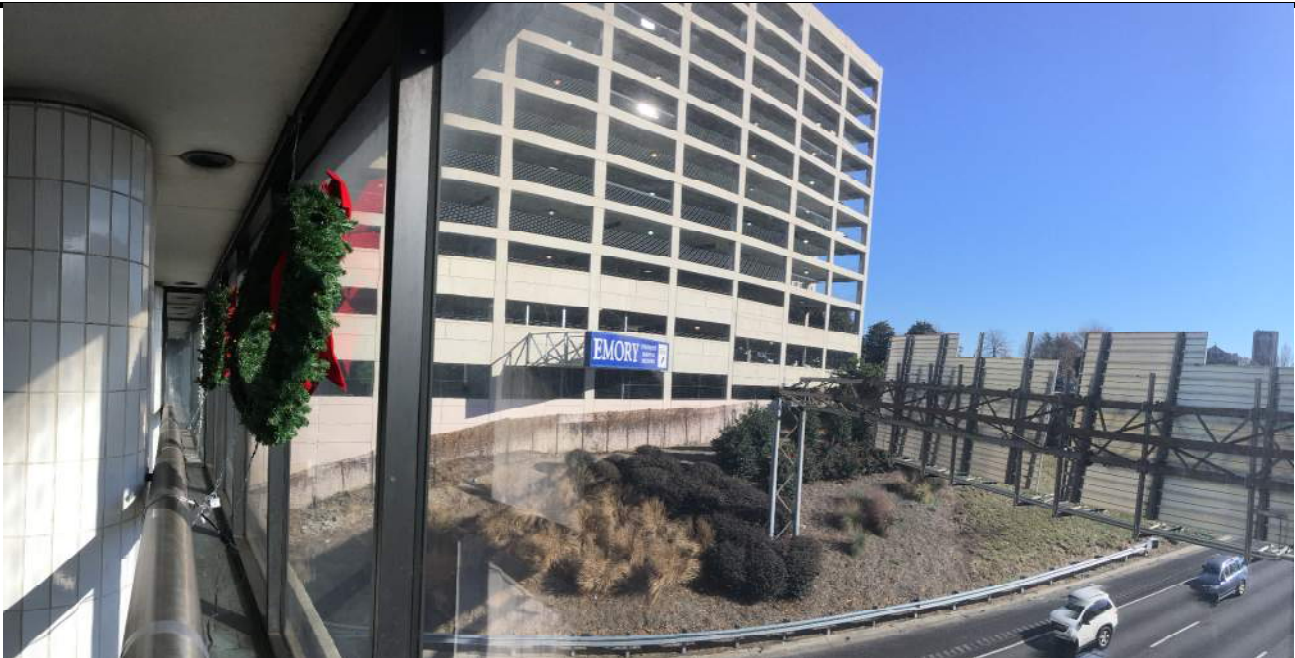
THE STITCH
Photograph Sheet

Photo No. 3



Remarks: CIVIC CENTER MARTA STATION

Photo No. 4



Remarks: LANDSCAPED SLOPE UP TO GSA PARKING DECK

THE STITCH
Photograph Sheet

Photo No. 5



Remarks: GSA PARKING DECK

Photo No. 6



Remarks: DOWNTOWN CONNECTOR VIEW FROM CIVIC CENTER MARTA STATION, FACING SOUTHBOUND

THE STITCH
Photograph Sheet

Photo No. 7



Remarks: MOTEL 6 AND WEST PEACHTREE LANDSCAPED SLOPE AND WALL

Photo No. 8



Remarks: SOUTHBOUND DOWNTOWN CONNECTOR APPROACHING COURTLAND STREET EXIT RAMP

THE STITCH
Photograph Sheet

Photo No. 9



Remarks: MOTEL 6

Photo No. 10



Remarks: MARTA CIVIC CENTER STATION LOOKING NORTH

THE STITCH
Photograph Sheet

Photo No. 11



Remarks: PINE STREET EXIT RAMP

Photo No. 12



Remarks: MOTEL 6

THE STITCH
Photograph Sheet

Photo No. 13



Remarks: COURTLAND STREET EXIT RAMP

Photo No. 14



Remarks: PINE STREET EXIT RAMP

THE STITCH
Photograph Sheet

Photo No. 15



Remarks: COURTLAND STREET EXIT RAMP

Photo No. 16



Remarks: NORTHBOUND DOWNTON CONNECTOR FROM PEACHTREE STREET BRIDGE LOOKING TOWARD:
COURTLAND STREET-RALPH MCGILL BLVD BRIDGE

THE STITCH
Photograph Sheet

Photo No. 17



Remarks: COURTLAND STREET EXIT RAMP

Photo No. 18



Remarks: PINE STREET EXIT RAMP

THE STITCH
Photograph Sheet

Photo No. 19



Remarks: DOWNTOWN CONNECTOR BETWEEN WEST PEACHTREE AND PEACHTREE STREETS
LOOKING NORTH

Photo No. 20



Remarks: PEACHTREE STREET BRIDGE

THE STITCH
Photograph Sheet

Photo No. 21



Remarks: PINE STREET EXIT RAMP

Photo No. 22



Remarks: PEACHTREE STREET BRIDGE FROM ALEXANDER STREET AND MEDICAL ARTS PARKING DECK

THE STITCH
Photograph Sheet

Photo No. 23



Remarks: ALEXANDER STREET AND MEDICAL ARTS PARKING DECK

Photo No. 24



Remarks: ALEXANDER STREET ABUTMENT

THE STITCH
Photograph Sheet

Photo No. 25



Remarks: CIVIC CENTER MARTA STATION AND GSA PARKING DECK VIEW FROM ALEXANDER STREET

Photo No. 26



Remarks: CONCRETE AND LANDSCAPED SLOPE UP TO BAKER-HIGHLAND CONNECTOR

THE STITCH
Photograph Sheet

Photo No. 27



Remarks: CONCRETE AND LANDSCAPED SLOPE UP TO BAKER-HIGHLAND CONNECTOR

Photo No. 28



Remarks: MEDICAL CENTER PARKING DECK

THE STITCH
Photograph Sheet

Photo No. 29



Remarks: ALEXANDER STREET ABUTTMENT

Photo No. 30



Remarks: CONCRETE AND LANDSCAPED SLOPE UP TO BAKER-HIGHLAND CONNECTOR

THE STITCH
Photograph Sheet

Photo No. 31



Remarks: ALEXANDER STREET ABUTTMENT AND MEDICAL ARTS PARKING DECK

Photo No. 32



Remarks: NORTHBOUND DOWNTON CONNECTOR FROM BAKER-HIGHLAND CONNECTOR

THE STITCH
Photograph Sheet

Photo No. 33



Remarks: BAKER-HIGHLAND CONNECTOR BRIDGE

Photo No. 34



Remarks: COURTLAND STREET-RALPH MCGILL BLVD BRIDGE

THE STITCH
Photograph Sheet

Photo No. 35



Remarks: COURTLAND STREET-RALPH MCGILL BLVD BRIDGE

Photo No. 36



Remarks: DOWNTOWN CONNECTOR FROM COURTLAND STREET-RALPH MCGILL BLVD BRIDGE TO BAKER-HIGHLAND CONNECTOR

THE STITCH
Photograph Sheet

Photo No. 37



Remarks: MEDICAL ARTS PARKING DECK

Photo No. 38



Remarks: ALEXANDER STREET

THE STITCH
Photograph Sheet

Photo No. 39



Remarks: PEACHTREE STREET BRIDGE

Photo No. 40



Remarks: THE RALPH

THE STITCH
Photograph Sheet

Photo No. 41



Remarks: THE RALPH

Photo No. 42



Remarks: THE RALPH PARKING LOT

THE STITCH
Photograph Sheet

Photo No. 43



Remarks: PONDING AT BAKER-HIGHLAND CONNECTOR

Photo No. 44



Remarks: COURTLAND SREET-RALPH MCGILL BLVD BRIDGE

THE STITCH
Photograph Sheet

Photo No. 45



Remarks: COURTLAND SREET-RALPH MCGILL BLVD BRIDGE

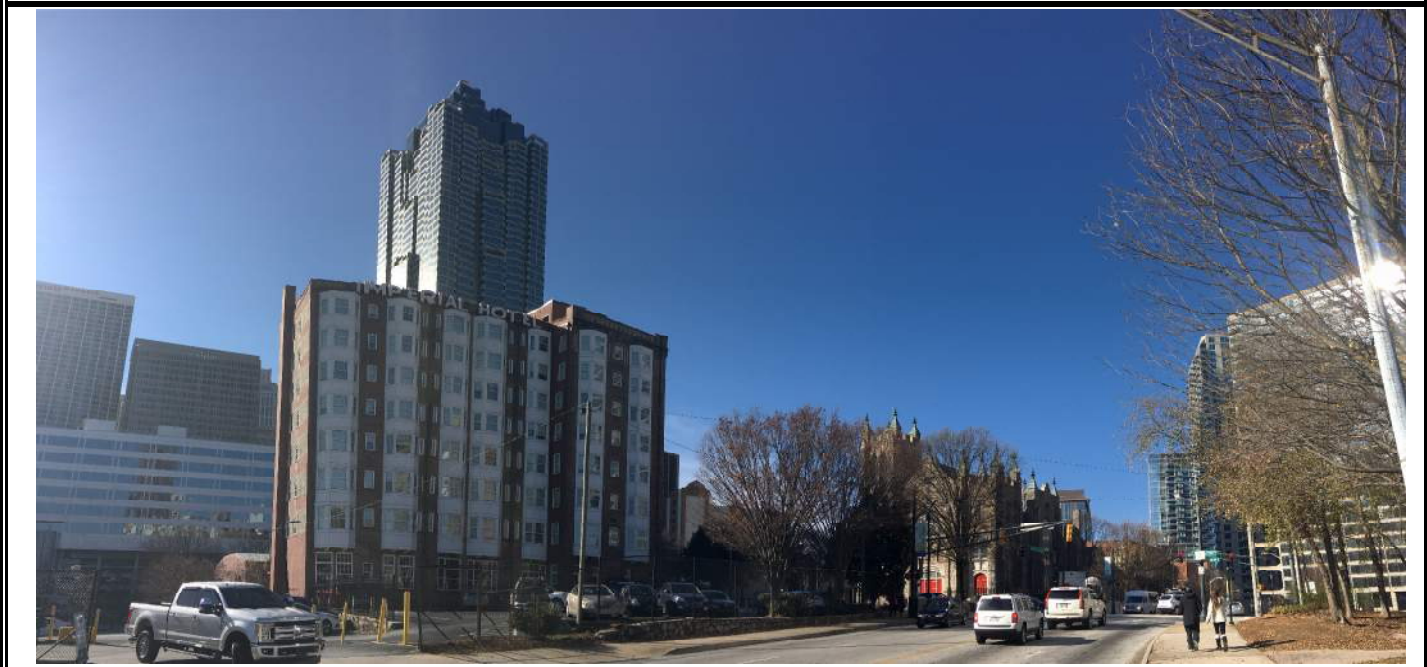
Photo No. 46



Remarks: BAKER-HIGHLAND CONNECTOR BRIDGE

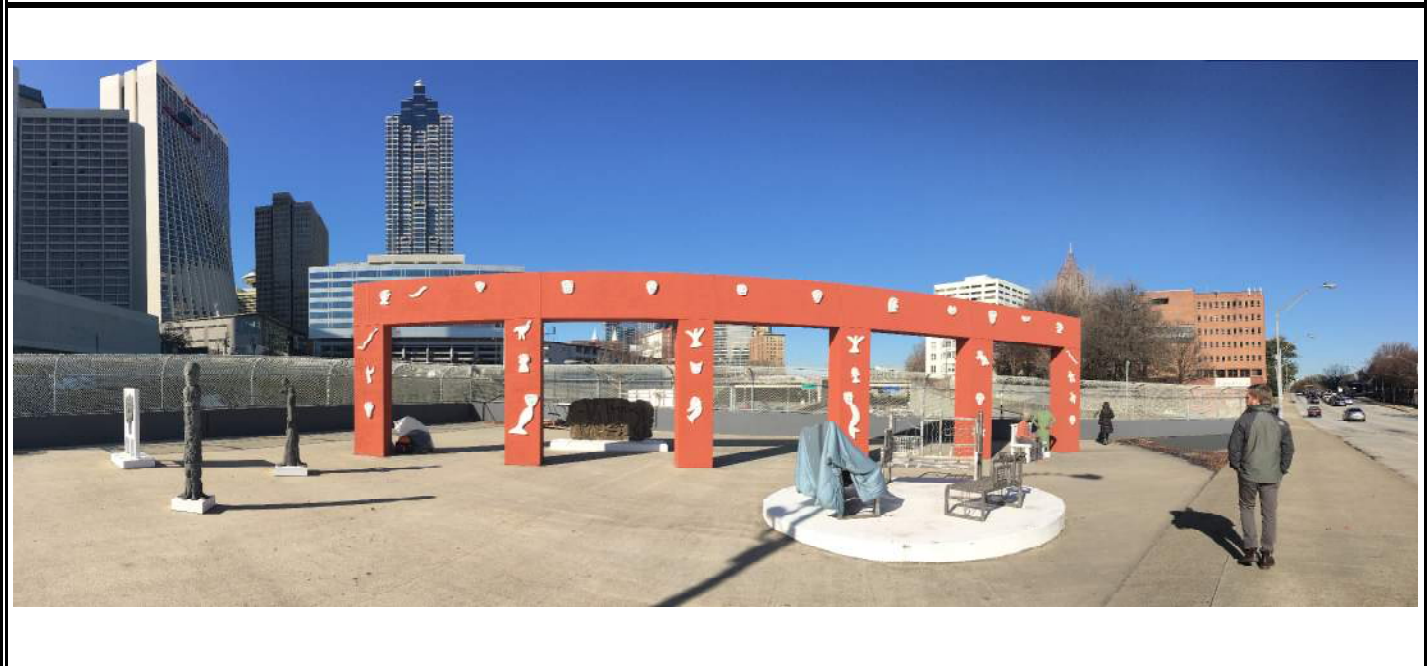
THE STITCH
Photograph Sheet

Photo No. 47



Remarks: IMPERIAL HOTEL

Photo No. 48



Remarks: COURTLAND STREET-RALPH MCGILL BLVD BRIDGE

THE STITCH
Photograph Sheet

Photo No. 49



Remarks: MEDICAL ARTS BUILDING

APPENDIX K

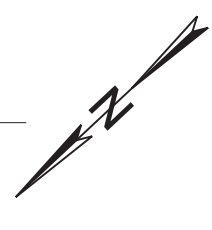
EXISTING STRUCTURES EXHIBIT.

VISION STUDY CHARACTER ZONES

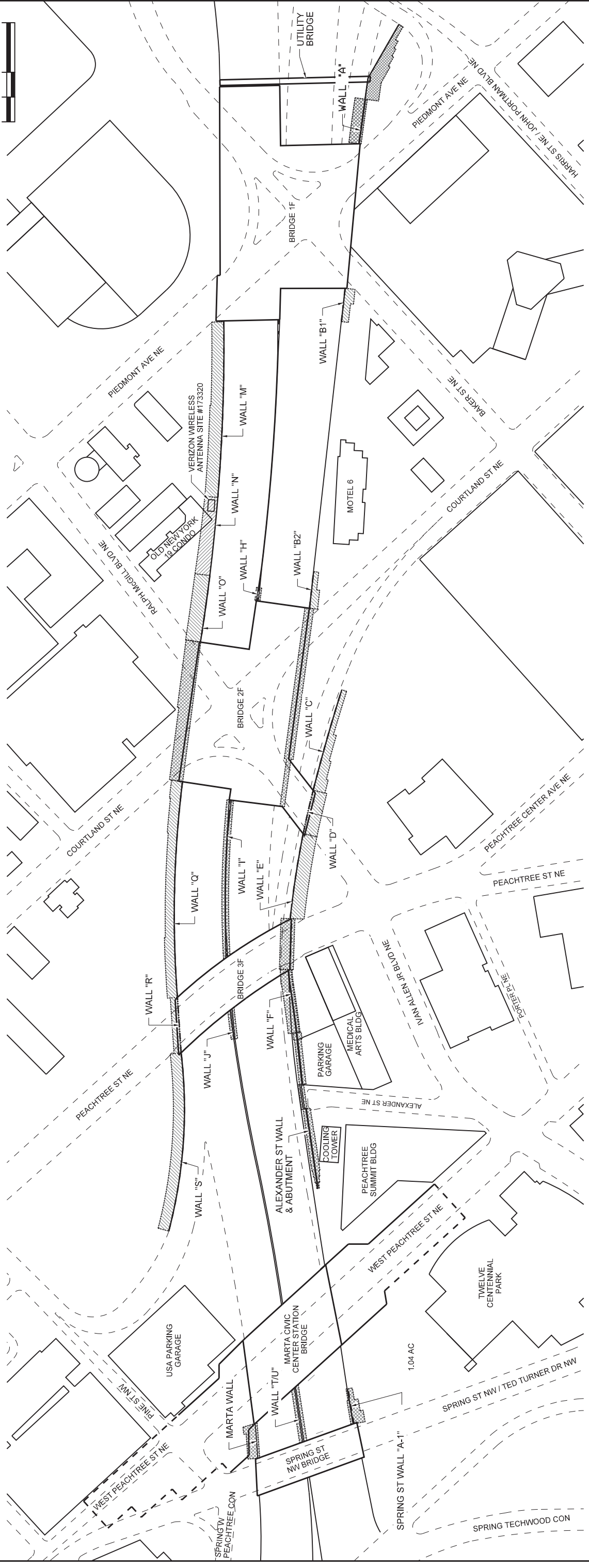
EMORY SQUARE

PEACHTREE GREEN

ENERGY PARK



SPRING ST NW BRIDGE	0.36 AC	BLOCK 4	0.52 AC	MARTA CIVIC CENTER STATION BRIDGE	0.75 AC	BLOCK 3	3.47 AC	BRIDGE 3F	0.58 AC	BLOCK 2	1.75 AC	BRIDGE 2F	1.81 AC	BLOCK 1	3.23 AC	BRIDGE 1F	2.32 AC
---------------------	---------	---------	---------	-----------------------------------	---------	---------	---------	-----------	---------	---------	---------	-----------	---------	---------	---------	-----------	---------



LEGEND

	GASE WALL
	C-H-P WALL
	TIE-BACK WALL

Central Atlanta Progress
Atlanta Downtown Improvement District

DaVinci
Development Collaborative, LLC

JACOBS
JACOBS ENGINEERING GROUP INC.

THE STITCH
EXISTING STRUCTURES EXHIBIT

APPENDIX L

BRIDGE 1F INSPECTION REPORTS, PIEDMONT AVE. AND BAKER ST.

Georgia Department of Transportation

Bridge Inspection Report

District: 4841700000 - D7 District Seven

Inspection Area: 12

County: Fulton

Location ID: 121-09153M-000.80E

Over: I-75 + I-75 RAMP

Structure ID: 121-0667-0

Road Name: BAKER STREET

Bridge Information: 91-After structure is let to contract and contractor has initially begun construction



District: 4841700000 - D7 District Seven
Location ID: 121-09153M-000.80E
Structure ID: 121-0667-0

Inspection Area: 12
Over: I-75 + I-75 RAMP
Road Name: BAKER STREET

County: Fulton

National Bridge Inventory - Structure Inventory and Appraisal (SI&A)

IDENTIFICATION	
(1) State Name	134 - Georgia
(8) Structure Number	12106670
(5) Inventory Route	ON: 51091530
(2) Highway Agency District	7
(3) County Code	121 - Fulton
(4) Place Code	04000
(6) Features Intersected	I-75 + I-75 RAMP
(7) Facility Carried	BAKER STREET
(9) Location	IN ATLANTA
(11) Kilometer Point	1.29 km
(12) Base Highway Network	Yes
(13) LRS Inventory Route & Subroute	12130610030
(16) Latitude	33° 45' 43.88"
(17) Longitude	084° 22' 55.16"
(98) Border Bridge State Code	% Share %
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	502
Material	5-Prestressed Concrete
Type	2-Stringer/Multi-Beam or Girder
(44) Approach Structure Type	000
Material	0- Other
Type	0- Other
(45) Number of Spans in Main Unit	3
(46) Number of Approach Spans	0
(107) Deck Structure Type	1 - C-I-P Portland Cement Concrete - Epoxy Coated Rebars
(108) Wearing Surface/Protective System	
Type of Wearing Surface	1. Concrete
Type of Membrane	0. None
Type of Deck Protection	1. Epoxy Coated Reinforcing
AGE AND SERVICE	
(27) Year Built	1987
(106) Year Reconstructed	0
(42) Type of Service	51
On	5-Highway-Pedestrian
Under	1-Highway (with or without
(28) Lane	
On	5
Under	15
(29) Average Daily Traffic	6470
(30) Year of ADT	2011
(109) Truck ADT	1 %
(19) Bypass, Detour Length	4 km
GEOMETRIC DATA	
(48) Length of Maximum Span	57 m
(49) Structure Length	119.2 m
(50) Curb or Sidewalk Width	
Left	3 m
Right	3 m
(51) Bridge Roadway Width Curb to Curb	16.8 m
(52) Deck Width Out to Out	88 m
(32) Approach Roadway Width (W/Shoulders)	12.2 m
(33) Bridge Median	0-None
(34) Skew	45 Deg
(35) Structure Flared	Yes
(10) Inventory Route Min Vert Clear	99.99 m
(47) Inventory Route Total Horiz Clear	16.7 m
(53) Min Vert Clear Over Bridge Rdwy	99.99 m
(54) Min Vert Underclear	
Ref:H- Highway beneath structure.	5.3 m
(55) Min Lat Underclear RT	
Ref:H- Highway beneath structure.	2.1 m
(56) Min Lat Underclear LT	2.1 m
NAVIGATION DATA	
(38) Navigation Control	N- Bridge is not over water
(111) Pier Protection	
(39) Navigation Vertical Clearance	0 m
(116) Vert-Lift Bridge Nav Min Vert Clear	0 m
(40) Navigation Horizontal Clearance	0 m

SUFFICIENCY RATING	75.4
STATUS (SD/FO/None)	Functionally Obsolete
CLASSIFICATION	
(112) NBIS Bridge Length	Y
(104) Highway System	1-Inventory Route is on the NHS
(26) Functional Class	17- Urban - Collector
(100) Defense Highway	1- The Feature is on an Interstate STRAHNET route.
(101) Parallel Structure	N. No parallel structure exists
(102) Direction of Traffic	2- Two Way
(103) Temporary Structure	NOT Temporary Structure
(105) Federal Lands Highways	0. Not applicable
(110) Designated National Network	0- NOT part of Network
(20) Toll	3- On a Free Road or Non-Highway
(21) Maintain	01-State Highway Agency.
(22) Owner	01-State Highway Agency.
(37) Historical Significance	5 - Not eligible
CONDITION	
(58) Deck	7
(59) Superstructure	8
(60) Substructure	7
(61) Channel & Channel Protection	N
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	6- HS 20 + Mod (2-24,000# Axles @ 4ft Ctrs., when they govern)
(63) Operating Rating Method	2-Allowable Stress (AS)
(64) Operating Rating	
Type	2 - HS loading.
Rating	49.5 metric tons
(65) Inventory Rating Method	2-Allowable Stress (AS)
(66) Inventory Rating	
Type	2 - HS loading.
Rating	32.4 metric tons
(70) Bridge Posting	5. Equal to or above legal loads
(41) Structure Open/Posted/Closed	A. Open, no restriction
APPRAISAL	
(67) Structural Evaluation	7
(68) Deck Geometry	2
(69) Clearances, Vertical/Horizontal	4
(71) Waterway Adequacy	N
(72) Approach Roadway Alignment	8
(36) Traffic Safety Features	0NNN
A) Bridge Railings	0-Not meet standard or None provided
B) Transitions	N- Not applicable or Not required
C) Approach Guardrail	N- Not applicable or Not required
D) Approach Guardrail Ends	N- Not applicable or Not required
(113) Scour Critical Bridges	N
PROPOSED IMPROVEMENTS	
(75) Type of Work	
(76) Length of Structure Improvement	0 m
(94) Bridge Improvement Cost	\$ 2,778,000
(95) Roadway Improvement Cost	\$ 278,000
(96) Total Project Cost	\$ 4,166,000
(97) Year of Improvement Cost Estimate	2013
(114) Future ADT	9705
(115) Year of Future ADT	2030
INSPECTIONS	
(90) Inspection Date	05/15/2017
(91) Frequency	24 Months
(92) Critical Feature Inspection	Done Freq. Date
A: Fracture Critical Detail	No 02/01/2001
B: Underwater Inspection	No 02/01/2001
C: Other Special Inspection	No 02/01/2001

District: 4841700000 - D7 District Seven
Location ID: 121-09153M-000.80E
Structure ID: 121-0667-0

Inspection Area: 12
Over: I-75 + I-75 RAMP
Road Name: BAKER STREET

County: Fulton

Evaluation

Topside Inspection Team **Inspection Type:** General **Inspection Date:** 05/15/2017
Team Leader: Jason T. Edwards
Assistants: Robert Davis

Deck

NBIS Condition 7 - Good Condition **Material:** O. Concrete
Deck Wearing Surface Type: 1. Concrete
 8.7" Concrete deck with evazote joints
 Random transverse deck cracks (minor).
 Minor roadway and approach settling at abutment 1.

Superstructure

NBIS Condition 8 - Very Good Condition **Material:** O. Concrete **Year Painted:** 0000
Paint Type : 0- Not Applicable **Temperature (F):**
 Three span pre stressed concrete I-beams on neoprene bearings.

Substructure

NBIS Condition 7 - Good Condition **Material:** O. Concrete **Year Painted:** 0000
Paint Type : 0- Not Applicable
 Abutments 1 and 4 are concrete reinforced earth walls.
 Bent 2 and 3 is concrete caps and columns.
 Minor settlement in panels of walls.
 Abutment 4 has minor accident damage (see photo).
 Cracks in panels.

General

This Bridge:
 Built in 1987.
 Project # ACIB - I - IR - 75 - 2 (137) CT. 1
 Header and joint repair under contract P.I. #M004430
 Minor cracking on approach slabs.

Load Rating and Posting

Truck Type	Gross/H-Modified	HSModified	Tandem	3-S-2	Log	Piggy
Calculated Posting	20	25	28	40	36	00
Posting Required	No	No	No	No	No	No
Existing Posting	00	00	00	00	00	00

Item 103 Temporarily Shored : No **Posting Required:** No
Item 41 - Structure Open, Posted or Closed: A. Open, no restriction

District: 4841700000 - D7 District Seven
Location ID: 121-09153M-000.80E
Structure ID: 121-0667-0

Inspection Area: 12
Over: I-75 + I-75 RAMP
Road Name: BAKER STREET

County: Fulton

Element Data

Element	Parent Element	Measurement Unit	Env*	Quantity	State 1	State 2	State 3	State 4
12-Reinforced Concrete Deck		SQUARE FEET	2	112882	112707	175		
109-P/S Conc Open Girder/Beam		Linear Foot	2	13685	13685			
205-Reinforced Conc Column		Each	2	76	76			
215-Reinforced Conc Abutment		Linear Foot	2	578	575		3	
234-Reinforced Conc Pier Cap		Linear Foot	2	578	578			
302-Compression Joint Seal		Linear Foot	2	1156	1156			
310-Elastomeric Bearing		Each	2	210	210			
321-Reinforced Concrete Approach Slab		SQUARE FEET	2	3300	3300			
331-Reinforced Concrete Bridge Railing		Linear Foot	2	782	782			

Env* = Environment

Defects

Element	Defect	State 2	State 3	State 4
12-Reinforced Concrete Deck	Efflorescence/Rust Staining	175		
215-Reinforced Conc Abutment	Damage		3	

Conditional Situations

Confined Space: No

Traffic Control Needed: No

Equipment Used

Access Equipment: None

Topside Boat: None

Waders: None

Special Imaging Device: Binoculars

District: 4841700000 - D7 District Seven
Location ID: 121-09153M-000.80E
Structure ID: 121-0667-0

Inspection Area: 12
Over: I-75 + I-75 RAMP
Road Name: BAKER STREET

County: Fulton

Specialized Inspection

Inspection Team

Team Leader : Jason T. Edwards

Inspection Date : 02/08/2017

Assistants : Jared White, Robert Davis

Deck

NBIS Condition Code : 7 - Good Condition

Spans 1 and 2 inspected by Team A.

Minor cracking with efflorescence in span 2 in the bottom of the deck in all bays.

Superstructure

NBIS Condition Code : 8 - Very Good Condition

Spans 1 and 2 inspected by Team A.

No further results found.

Substructure

NBIS Condition Code : 7 - Good Condition

Rear and forward sides of bent 2 inspected by Team A.

No further results found.

Conditional Situations

Confined Space: No

Traffic Control Needed: Yes

Equipment Used

Access Equipment: Basket Truck

Special Imaging Device: Binoculars

District: 4841700000 - D7 District Seven **Inspection Area:** 12 **County:** Fulton
Location ID: 121-09153M-000.80E **Over:** I-75 + I-75 RAMP
Structure ID: 121-0667-0 **Road Name:** BAKER STREET

No Other Special Inspection performed on this bridge.

District: 4841700000 - D7 District Seven **Inspection Area:** 12 **County:** Fulton
Location ID: 121-09153M-000.80E **Over:** I-75 + I-75 RAMP
Structure ID: 121-0667-0 **Road Name:** BAKER STREET

No Fracture Critical Inspection performed on this bridge.

District: 4841700000 - D7 District Seven

Inspection Area: 12

County: Fulton

Location ID: 121-09153M-000.80E

Over: I-75 + I-75 RAMP

Structure ID: 121-0667-0

Road Name: BAKER STREET

Bridge Components

Superstructure Data

Span #	Beam Type	Beam Spacing	Length	# Beams	Remarks
1	PSC "I" Beam	0	45	35	Type
2	PSC "I" Beam	0	159	35	Type
3	PSC "I" Beam	0	187	35	Type

Bearing Data

Span #	Rear Type Bearing	Forward Type Bearing	Remarks
1	03-Elastomeric	03-Elastomeric	
2	03-Elastomeric	03-Elastomeric	
3	03-Elastomeric	03-Elastomeric	

District: 4841700000 - D7 District Seven **Inspection Area:** 12 **County:** Fulton
Location ID: 121-09153M-000.80E **Over:** I-75 + I-75 RAMP
Structure ID: 121-0667-0 **Road Name:** BAKER STREET

Vertical Clearance

7B - Facility Carried: I-75

Cross Reference Location ID: 121-00401D-247.96N

Cross Reference ID : 121-0667-0-A

10 - Maximum Minimum Vertical Clearance (ft-in): 18-6

53 - Minimum Clearance Over (ft-in): 99-99

54A - Clearance Type: H- Highway beneath structure.

54B - Minimum Clearance Under (ft-in): 17-5

228A - Actual Minimum Vertical Odometer (ft-in): 18-04 **228B - Actual Minimum Vertical Opposite (ft-in):** 17-05

228C - Posted Minimum Vertical Odometer (ft-in): 00-00 **228D - Posted Minimum Vertical Opposite (ft-in):** 00-00

5E - Direction : 0. Not applicable

55A Lateral Type : H- Highway beneath structure.

55B Lateral Under Clearance Right (ft): 7

56 Lateral Under Clearance Left (ft): 7

69 - Rating - Under Clearance Horizontal/Vertical : 4

47 - Total Horizontal Clearance (ft) : 99.9

District: 4841700000 - D7 District Seven **Inspection Area:** 12 **County:** Fulton
Location ID: 121-09153M-000.80E **Over:** I-75 + I-75 RAMP
Structure ID: 121-0667-0 **Road Name:** BAKER STREET

Vertical Clearance

7B - Facility Carried: I-75 RAMP

Cross Reference Location ID: 121-00401R-247.96N

Cross Reference ID : 121-0667-0-B

10 - Maximum Minimum Vertical Clearance (ft-in): 19-5

53 - Minimum Clearance Over (ft-in): 99-99

54A - Clearance Type: H- Highway beneath structure.

54B - Minimum Clearance Under (ft-in): 17-5

228A - Actual Minimum Vertical Odometer (ft-in): 18-11 **228B - Actual Minimum Vertical Opposite (ft-in):** 99-99

228C - Posted Minimum Vertical Odometer (ft-in): 00-00 **228D - Posted Minimum Vertical Opposite (ft-in):** 00-00

5E - Direction : 0. Not applicable

55A Lateral Type : H- Highway beneath structure.

55B Lateral Under Clearance Right (ft): 5 **56 Lateral Under Clearance Left (ft):** 4

69 - Rating - Under Clearance Horizontal/Vertical : 4 **47 - Total Horizontal Clearance (ft) :** 33

District: 4841700000 - D7 District Seven **Inspection Area:** 12 **County:** Fulton
Location ID: 121-09153M-000.80E **Over:** I-75 + I-75 RAMP
Structure ID: 121-0667-0 **Road Name:** BAKER STREET

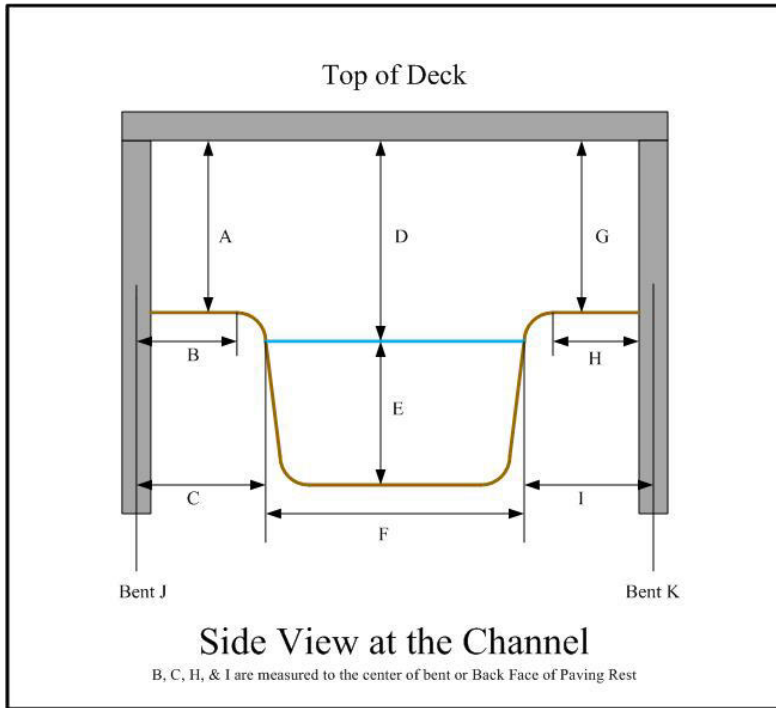
No Underwater Inspection performed on this bridge.

District: 4841700000 - D7 District Seven
Location ID: 121-09153M-000.80E
Structure ID: 121-0667-0

Inspection Area: 12
Over: I-75 + I-75 RAMP
Road Name: BAKER STREET

County: Fulton

Waterway Information



A :
B :
C :
D : 00.0
E : 00.0
F :
G :
H :
I :
J :
K :

Location of Bridge Height :
Bridge Height Taken:
Scour Condition : N
Waterway Adequacy : N
Channel Protection : N

Comments :

Substructure Skew =

Channel Skew =

Stream Angle =

District: 4841700000 - D7 District Seven
Location ID: 121-09153M-000.80E
Structure ID: 121-0667-0

Inspection Area: 12
Over: I-75 + I-75 RAMP
Road Name: BAKER STREET

County: Fulton

Collision Information

Beam Type :

Span # with Beam Damage :

Total # of Beams in Span :

of Damaged Beams :

Minimum Vertical Clearance : ft - in

**Actual Vertical Clearance at
Point of Impact :** ft - in

Posted Vertical Clearance : ft - in

Report Type :

Report Date :

Damage Location in Span :

Damage Type :

Damage Details :

Repairs Required : No

Repairs Made : No

Repair Details :

Additional Comments :

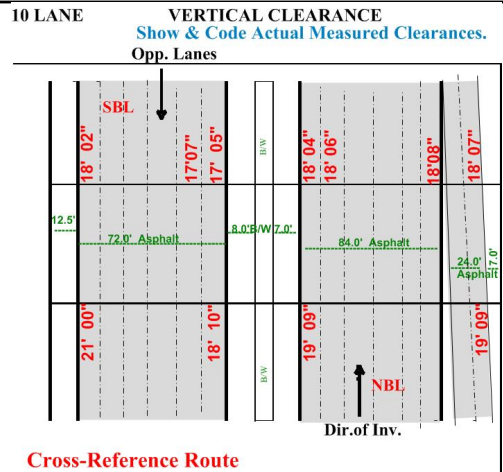
Photographs

121-0667-0_southbound_lanes_looking_south_2017-5-15.



Required sideview

121-0667-0_B6_RR;XREF-A.jpg



Sketch.

121-0667-0_northbound_lanes_looking_south_2017-5-15.



Northbound_Lanes_looking_south

121-0667-0_superstructure_2017-5-15.jpg



Superstructure

121-0667-0_roadway_2017-5-15.jpg



Looking East

121-0667-0-5.JPG



Electric.

Photographs

121-0667-0-6.JPG

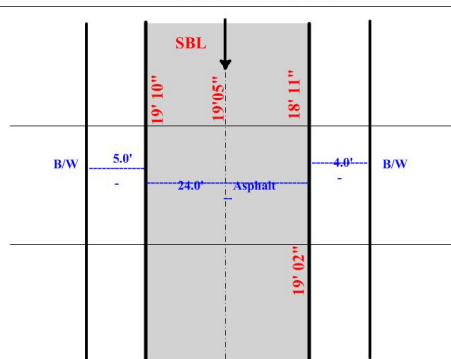


Accident damage on abutment 4 wall.

121-0667-0_B6_RR;XREF-B.jpg

2 LANE Show & Code Actual Measured Clearances.

VERTICAL CLEARANCE



Cross-Reference Route

Sketch.

APPENDIX M

BRIDGE 2F INSPECTION REPORT, COURTLAND ST. AND RALPH MCGILL BLVD.

Georgia Department of Transportation

Bridge Inspection Report

District: 4841700000 - D7 District Seven

Inspection Area: 12

County: Fulton

Location ID: 121-09007M-003.03N

Over: I-75

Structure ID: 121-0664-0

Road Name: COURTLAND STREET

Bridge Information: 91-After structure is let to contract and contractor has initially begun construction



District: 4841700000 - D7 District Seven
Location ID: 121-09007M-003.03N
Structure ID: 121-0664-0

Inspection Area: 12
Over: I-75
Road Name: COURTLAND STREET

County: Fulton

National Bridge Inventory - Structure Inventory and Appraisal (SI&A)

IDENTIFICATION	
(1) State Name	134 - Georgia
(8) Structure Number	12106640
(5) Inventory Route	ON: 51090070
(2) Highway Agency District	7
(3) County Code	121 - Fulton
(4) Place Code	04000
(6) Features Intersected	I-75
(7) Facility Carried	COURTLAND STREET
(9) Location	IN ATLANTA
(11) Kilometer Point	4.88 km
(12) Base Highway Network	Yes
(13) LRS Inventory Route & Subroute	12131868030
(16) Latitude	33° 45' 51.30"
(17) Longitude	084° 23' 02.86"
(98) Border Bridge State Code	% Share %
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	502
Material	5-Prestressed Concrete
Type	2-Stringer/Multi-Beam or Girder
(44) Approach Structure Type	000
Material	0- Other
Type	0- Other
(45) Number of Spans in Main Unit	2
(46) Number of Approach Spans	0
(107) Deck Structure Type	1 - C-I-P Portland Cement Concrete - Epoxy Coated Rebars
(108) Wearing Surface/Protective System	
Type of Wearing Surface	1. Concrete
Type of Membrane	0. None
Type of Deck Protection	1. Epoxy Coated Reinforcing
AGE AND SERVICE	
(27) Year Built	1987
(106) Year Reconstructed	0
(42) Type of Service	51
On	5-Highway-Pedestrian
Under	1-Highway (with or without
(28) Lane	
On	3
Under	14
(29) Average Daily Traffic	11780
(30) Year of ADT	2012
(109) Truck ADT	1 %
(19) Bypass, Detour Length	1 km
GEOMETRIC DATA	
(48) Length of Maximum Span	51.5 m
(49) Structure Length	103 m
(50) Curb or Sidewalk Width	
Left	3 m
Right	3 m
(51) Bridge Roadway Width Curb to Curb	16.8 m
(52) Deck Width Out to Out	86.9 m
(32) Approach Roadway Width (W/Shoulders)	9.8 m
(33) Bridge Median	0-None
(34) Skew	35 Deg
(35) Structure Flared	No
(10) Inventory Route Min Vert Clear	99.99 m
(47) Inventory Route Total Horiz Clear	16.7 m
(53) Min Vert Clear Over Bridge Rdwy	99.99 m
(54) Min Vert Underclear	
Ref:H- Highway beneath structure.	5.53 m
(55) Min Lat Underclear RT	
Ref:H- Highway beneath structure.	3.7 m
(56) Min Lat Underclear LT	1.7 m
NAVIGATION DATA	
(38) Navigation Control	N- Bridge is not over water
(111) Pier Protection	
(39) Navigation Vertical Clearance	0 m
(116) Vert-Lift Bridge Nav Min Vert Clear	0 m
(40) Navigation Horizontal Clearance	0 m

SUFFICIENCY RATING	97.4
STATUS (SD/FO/None)	None
CLASSIFICATION	
(112) NBIS Bridge Length	Y
(104) Highway System	1-Inventory Route is on the NHS
(26) Functional Class	16- Urban - Minor Arterial
(100) Defense Highway	1- The Feature is on an Interstate STRAHNET route.
(101) Parallel Structure	N. No parallel structure exists
(102) Direction of Traffic	1- One Way
(103) Temporary Structure	NOT Temporary Structure
(105) Federal Lands Highways	0. Not applicable
(110) Designated National Network	0- NOT part of Network
(20) Toll	3- On a Free Road or Non-Highway
(21) Maintain	01-State Highway Agency.
(22) Owner	01-State Highway Agency.
(37) Historical Significance	5 - Not eligible
CONDITION	
(58) Deck	7
(59) Superstructure	8
(60) Substructure	7
(61) Channel & Channel Protection	N
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	6- HS 20 + Mod (2-24,000# Axles @ 4ft Ctrs., when they govern)
(63) Operating Rating Method	2-Allowable Stress (AS)
(64) Operating Rating	
Type	2 - HS loading.
Rating	51.3 metric tons
(65) Inventory Rating Method	2-Allowable Stress (AS)
(66) Inventory Rating	
Type	2 - HS loading.
Rating	32.4 metric tons
(70) Bridge Posting	5. Equal to or above legal loads
(41) Structure Open/Posted/Closed	A. Open, no restriction
APPRAISAL	
(67) Structural Evaluation	7
(68) Deck Geometry	9
(69) Clearances, Vertical/Horizontal	8
(71) Waterway Adequacy	N
(72) Approach Roadway Alignment	8
(36) Traffic Safety Features	1111
A) Bridge Railings	1-Meets acceptable standards
B) Transitions	1-Meets acceptable standards
C) Approach Guardrail	1-Meets acceptable standards
D) Approach Guardrail Ends	1-Meets acceptable standards
(113) Scour Critical Bridges	N
PROPOSED IMPROVEMENTS	
(75) Type of Work	
(76) Length of Structure Improvement	0 m
(94) Bridge Improvement Cost	\$ 1,681,000
(95) Roadway Improvement Cost	\$ 168,000
(96) Total Project Cost	\$ 2,521,000
(97) Year of Improvement Cost Estimate	2013
(114) Future ADT	17670
(115) Year of Future ADT	2032
INSPECTIONS	
(90) Inspection Date	05/15/2017
(91) Frequency	24 Months
(92) Critical Feature Inspection	Done Freq. Date
A: Fracture Critical Detail	No 02/01/2001
B: Underwater Inspection	No 02/01/2001
C: Other Special Inspection	No 02/01/2001

District: 4841700000 - D7 District Seven **Inspection Area:** 12 **County:** Fulton
Location ID: 121-09007M-003.03N **Over:** I-75
Structure ID: 121-0664-0 **Road Name:** COURTLAND STREET

Evaluation

Topside Inspection Team **Inspection Type:** General **Inspection Date:** 05/15/2017
Team Leader: Jason T. Edwards
Assistants: Robert Davis

Deck

NBIS Condition 7 - Good Condition **Material:** O. Concrete

Deck Wearing Surface Type: 1. Concrete

8.0" Concrete deck with evazote joints.

Random transverse deck cracks.

Five square foot deck spall in turn lane from Courtland St. to Ralph McGill Blvd that has asphalt patch.

Superstructure

NBIS Condition 8 - Very Good Condition **Material:** O. Concrete **Year Painted:** 0000

Paint Type : 0- Not Applicable

Temperature (F):

Inventoried spans 2 and 3 only - Span 1 is inventoried on 9045M-008.33 E.

Two spans pre stressed concrete I-beams on neoprene bearings.

Substructure

NBIS Condition 7 - Good Condition **Material:** O. Concrete **Year Painted:** 0000

Paint Type : 0- Not Applicable

Massive reinforced earth wall with concrete cap.

Bent 2 is concrete cap and columns.

Bent 3 is massive concrete reinforced earth wall with concrete cap.

Abutment 1 RE wall has minor vertical cracks with efflorescence.

General

This Bridge:

Built in 1987.

Project # ACIB - I - IR - 75 - 2 (137) CT. 2

Part of the abutment 1 is adjacent to structure 121-0665-0.

Sidewalk settling at abutment 3 both sides.

Spall on sidewalk bent 2 from Courtland to Ralph McGill

Header and joint repair under contract P.I. #M004430

Repairs: Repair spall in turning lane.

Load Rating and Posting

Truck Type	Gross/H-Modified	HSModified	Tandem	3-S-2	Log	Piggy
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District: 4841700000 - D7 District Seven
 Location ID: 121-09007M-003.03N
 Structure ID: 121-0664-0

Inspection Area: 12
 Over: I-75
 Road Name: COURTLAND STREET

County: Fulton

Truck Type	Gross/H-Modified	HModified	Tandem	3-S-2	Log	Piggy
Calculated Posting	20	25	28	40	36	00
Posting Required	No	No	No	No	No	No
Existing Posting	00	00	00	00	00	00

Item 103 Temporarily Shored : No

Posting Required: No

Item 41 - Structure Open, Posted or Closed: A. Open, no restriction

Element Data

Element	Parent Element	Measurement Unit	Env*	Quantity	State 1	State 2	State 3	State 4
12-Reinforced Concrete Deck		SQUARE FEET	2	96364	96190	174		
109-P/S Conc Open Girder/Beam		Linear Foot	2	13182	13182			
205-Reinforced Conc Column		Each	2	41	41			
215-Reinforced Conc Abutment		Linear Foot	2	472	472			
234-Reinforced Conc Pier Cap		Linear Foot	2	386	356	30		
302-Compression Joint Seal		Linear Foot	2	858	858			
310-Elastomeric Bearing		Each	2	156	156			
321-Reinforced Concrete Approach Slab		SQUARE FEET	2	3300	3300			
331-Reinforced Concrete Bridge Railing		Linear Foot	2	676	676			

Env* = Environment

Defects

Element	Defect	State 2	State 3	State 4
12-Reinforced Concrete Deck	Efflorescence/Rust Staining	174		
234-Reinforced Conc Pier Cap	Cracking (RC and Other)	30		

Maintenance Items

Activity	Work Quantity	Priority	Location	Inspection Date	Completion Date	Comments
810 - DECK REPAIR (SQUARE FEET)		B	Turn lane.	05/15/2017		Repair spall.

Conditional Situations

Confined Space: No

Traffic Control Needed: No

Equipment Used

Access Equipment: None

Topside Boat: None

Waders: None

Special Imaging Device: Binoculars

District: 4841700000 - D7 District Seven
Location ID: 121-09007M-003.03N
Structure ID: 121-0664-0

Inspection Area: 12
Over: I-75
Road Name: COURTLAND STREET

County: Fulton

Specialized Inspection

Inspection Team

Team Leader : Jason T. Edwards

Inspection Date : 02/08/2017

Assistants : Jared White, Robert Davis

Deck

NBIS Condition Code : 7 - Good Condition

Spans 1 and 2 inspected by Team A.

Span 1, bays 1 through 17 has cracking with efflorescence.

Span 2, bays 4 through 15 has cracking with efflorescence.

Superstructure

NBIS Condition Code : 8 - Very Good Condition

Spans 1 and 2 inspected by Team A.

No further results found.

Substructure

NBIS Condition Code : 7 - Good Condition

Rear and forward side of bent 2 inspected by Team A.

Bent 2 cap has vertical hairline cracking throughout.

Conditional Situations

Confined Space: No

Traffic Control Needed: Yes

Equipment Used

Access Equipment: Basket Truck

Special Imaging Device: Binoculars

District: 4841700000 - D7 District Seven **Inspection Area:** 12 **County:** Fulton
Location ID: 121-09007M-003.03N **Over:** I-75
Structure ID: 121-0664-0 **Road Name:** COURTLAND STREET

No Other Special Inspection performed on this bridge.

District: 4841700000 - D7 District Seven **Inspection Area:** 12 **County:** Fulton
Location ID: 121-09007M-003.03N **Over:** I-75
Structure ID: 121-0664-0 **Road Name:** COURTLAND STREET

No Fracture Critical Inspection performed on this bridge.

District: 4841700000 - D7 District Seven

Inspection Area: 12

County: Fulton

Location ID: 121-09007M-003.03N

Over: I-75

Structure ID: 121-0664-0

Road Name: COURTLAND STREET

Bridge Components
Superstructure Data

Span #	Beam Type	Beam Spacing	Length	# Beams	Remarks
1	PSC "I" Beam	0	169	39	Type 5
2	PSC "I" Beam	0	169	39	Type 5

Bearing Data

Span #	Rear Type Bearing	Forward Type Bearing	Remarks
1	03-Elastomeric	03-Elastomeric	
2	03-Elastomeric	03-Elastomeric	

District: 4841700000 - D7 District Seven **Inspection Area:** 12 **County:** Fulton
Location ID: 121-09007M-003.03N **Over:** I-75
Structure ID: 121-0664-0 **Road Name:** COURTLAND STREET

Vertical Clearance

7B - Facility Carried: I-75

Cross Reference Location ID: 121-00401D-248.14N

Cross Reference ID : 121-0664-0-2

10 - Maximum Minimum Vertical Clearance (ft-in): 25-0

53 - Minimum Clearance Over (ft-in): 99-99

54A - Clearance Type: H- Highway beneath structure.

54B - Minimum Clearance Under (ft-in): 18-2

228A - Actual Minimum Vertical Odometer (ft-in): 18-04 **228B - Actual Minimum Vertical Opposite (ft-in):** 18-02

228C - Posted Minimum Vertical Odometer (ft-in): 00-00 **228D - Posted Minimum Vertical Opposite (ft-in):** 00-00

5E - Direction : 0. Not applicable

55A Lateral Type : H- Highway beneath structure.

55B Lateral Under Clearance Right (ft): 12

56 Lateral Under Clearance Left (ft): 5.5

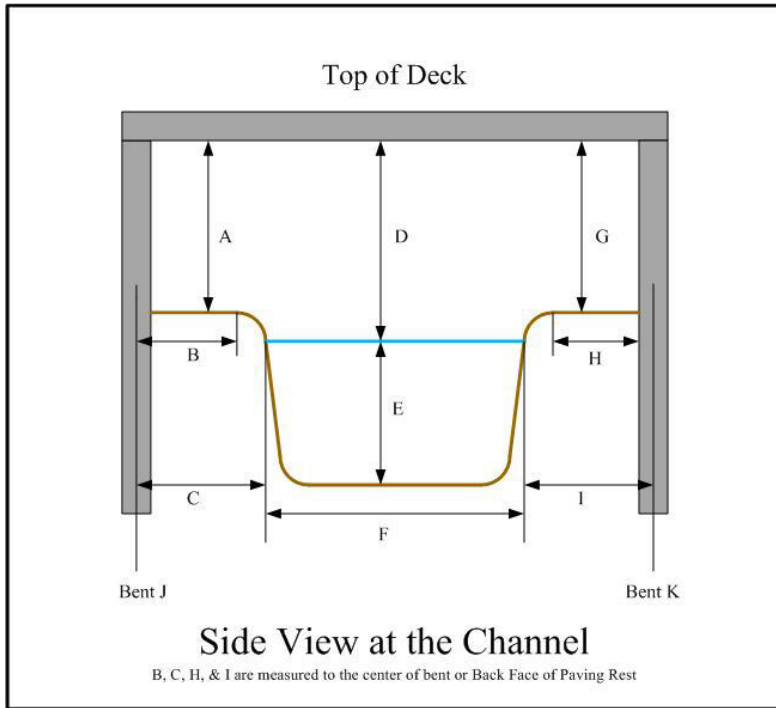
69 - Rating - Under Clearance Horizontal/Vertical : 8

47 - Total Horizontal Clearance (ft) : 99.9

District: 4841700000 - D7 District Seven **Inspection Area:** 12 **County:** Fulton
Location ID: 121-09007M-003.03N **Over:** I-75
Structure ID: 121-0664-0 **Road Name:** COURTLAND STREET

No Underwater Inspection performed on this bridge.

Waterway Information



- A :
- B :
- C :
- D : 00.0
- E : 00.0
- F :
- G :
- H :
- I :
- J :
- K :
- Location of Bridge Height :
- Bridge Height Taken:
- Scour Condition : N
- Waterway Adequacy : N
- Channel Protection : N

Comments :

Substructure Skew =

Channel Skew =

Stream Angle =

District: 4841700000 - D7 District Seven
Location ID: 121-09007M-003.03N
Structure ID: 121-0664-0

Inspection Area: 12
Over: I-75
Road Name: COURTLAND STREET

County: Fulton

Collision Information

Beam Type :

Span # with Beam Damage :

Total # of Beams in Span :

of Damaged Beams :

Minimum Vertical Clearance : ft - in

**Actual Vertical Clearance at
Point of Impact :** ft - in

Posted Vertical Clearance : ft - in

Report Type :

Report Date :

Damage Location in Span :

Damage Type :

Damage Details :

Repairs Required : No

Repairs Made : No

Repair Details :

Additional Comments :

Photographs

121-0664-0_roadway_2017-5-15.jpg



Looking north

121-0664-0_superstructure_2017-5-15.jpg



superstructure

121-0664-0-8.JPG

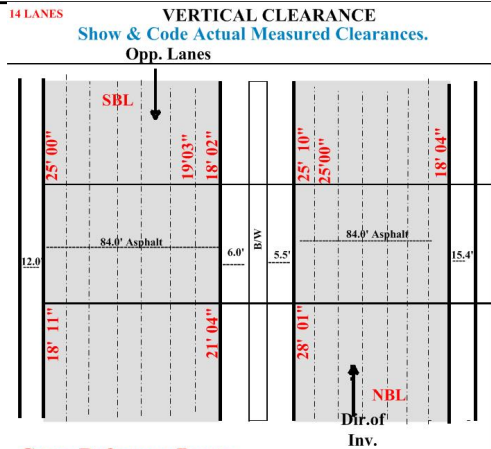


121-0664-0-6.JPG



Electric.

121-0664-0_B6_RR;XREF-A.jpg



Sketch.

121-0664-0_northbound_lanes_looking_north_2017-5-15.



Required sideview

Photographs

121-0664-0_southbound_lanes_looking_south_2017-5-15.



Southbound_lanes_looking_south

APPENDIX N

BRIDGE 3F INSPECTION REPORT, PEACHTREE ST.

Georgia Department of Transportation

Bridge Inspection Report

District: 4841700000 - D7 District Seven

Inspection Area: 12

County: Fulton

Location ID: 121-09201M-000.38N

Over: I-75

Structure ID: 121-0644-0

Road Name: PEACHTREE STREET

Bridge Information: 6-Revised inventory or operating ratings; load limits



District: 4841700000 - D7 District Seven
Location ID: 121-09201M-000.38N
Structure ID: 121-0644-0

Inspection Area: 12
Over: I-75
Road Name: PEACHTREE STREET

County: Fulton

National Bridge Inventory - Structure Inventory and Appraisal (SI&A)

IDENTIFICATION	
(1) State Name	134 - Georgia
(8) Structure Number	12106440
(5) Inventory Route	ON: 51092010
(2) Highway Agency District	7
(3) County Code	121 - Fulton
(4) Place Code	04000
(6) Features Intersected	I-75
(7) Facility Carried	PEACHTREE STREET
(9) Location	IN ATLANTA
(11) Kilometer Point	.61 km
(12) Base Highway Network	Yes
(13) LRS Inventory Route & Subroute	12130661030
(16) Latitude	33° 45' 55.58"
(17) Longitude	084° 23' 07.65"
(98) Border Bridge State Code	% Share %
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	402
Material	4-Steel (Continuous)
Type	2-Stringer/Multi-Beam or Girder
(44) Approach Structure Type	000
Material	0- Other
Type	0- Other
(45) Number of Spans in Main Unit	2
(46) Number of Approach Spans	0
(107) Deck Structure Type	1 - C-I-P Portland Cement Concrete - Epoxy Coated Rebars
(108) Wearing Surface/Protective System	
Type of Wearing Surface	1. Concrete
Type of Membrane	0. None
Type of Deck Protection	1. Epoxy Coated Reinforcing
AGE AND SERVICE	
(27) Year Built	1987
(106) Year Reconstructed	0
(42) Type of Service	51
On	5-Highway-Pedestrian
Under	1-Highway (with or without
(28) Lane	
On	6
Under	15
(29) Average Daily Traffic	16050
(30) Year of ADT	2012
(109) Truck ADT	1 %
(19) Bypass, Detour Length	1 km
GEOMETRIC DATA	
(48) Length of Maximum Span	46 m
(49) Structure Length	87.8 m
(50) Curb or Sidewalk Width	
Left	3 m
Right	3 m
(51) Bridge Roadway Width Curb to Curb	20.1 m
(52) Deck Width Out to Out	26.9 m
(32) Approach Roadway Width (W/Shoulders)	19.5 m
(33) Bridge Median	0-None
(34) Skew	32 Deg
(35) Structure Flared	No
(10) Inventory Route Min Vert Clear	99.99 m
(47) Inventory Route Total Horiz Clear	20.1 m
(53) Min Vert Clear Over Bridge Rdwy	99.99 m
(54) Min Vert Underclear	
Ref:H- Highway beneath structure.	5.3 m
(55) Min Lat Underclear RT	
Ref:H- Highway beneath structure.	4.1 m
(56) Min Lat Underclear LT	1.7 m
NAVIGATION DATA	
(38) Navigation Control	N- Bridge is not over water
(111) Pier Protection	
(39) Navigation Vertical Clearance	0 m
(116) Vert-Lift Bridge Nav Min Vert Clear	0 m
(40) Navigation Horizontal Clearance	0 m

SUFFICIENCY RATING	76.6
STATUS (SD/FO/None)	Functionally Obsolete
CLASSIFICATION	
(112) NBIS Bridge Length	Y
(104) Highway System	1-Inventory Route is on the NHS
(26) Functional Class	17- Urban - Collector
(100) Defense Highway	1- The Feature is on an Interstate STRAHNET route.
(101) Parallel Structure	N. No parallel structure exists
(102) Direction of Traffic	2- Two Way
(103) Temporary Structure	NOT Temporary Structure
(105) Federal Lands Highways	0. Not applicable
(110) Designated National Network	0- NOT part of Network
(20) Toll	3- On a Free Road or Non-Highway
(21) Maintain	01-State Highway Agency.
(22) Owner	01-State Highway Agency.
(37) Historical Significance	5 - Not eligible
CONDITION	
(58) Deck	6
(59) Superstructure	7
(60) Substructure	7
(61) Channel & Channel Protection	N
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	6- HS 20 + Mod (2-24,000# Axles @ 4ft Ctrs., when they govern)
(63) Operating Rating Method	1-Load Factor (LF)
(64) Operating Rating	
Type	2 - HS loading.
Rating	49.5 metric tons
(65) Inventory Rating Method	1-Load Factor (LF)
(66) Inventory Rating	
Type	2 - HS loading.
Rating	29.7 metric tons
(70) Bridge Posting	5. Equal to or above legal loads
(41) Structure Open/Posted/Closed	A. Open, no restriction
APPRAISAL	
(67) Structural Evaluation	7
(68) Deck Geometry	2
(69) Clearances, Vertical/Horizontal	9
(71) Waterway Adequacy	N
(72) Approach Roadway Alignment	8
(36) Traffic Safety Features	11NN
A) Bridge Railings	1-Meets acceptable standards
B) Transitions	1-Meets acceptable standards
C) Approach Guardrail	N- Not applicable or Not required
D) Approach Guardrail Ends	N- Not applicable or Not required
(113) Scour Critical Bridges	N
PROPOSED IMPROVEMENTS	
(75) Type of Work	
(76) Length of Structure Improvement	0 m
(94) Bridge Improvement Cost	\$ 2,353,000
(95) Roadway Improvement Cost	\$ 235,000
(96) Total Project Cost	\$ 3,529,000
(97) Year of Improvement Cost Estimate	2013
(114) Future ADT	24075
(115) Year of Future ADT	2032
INSPECTIONS	
(90) Inspection Date	05/15/2017
(91) Frequency	24 Months
(92) Critical Feature Inspection	Done Freq. Date
A: Fracture Critical Detail	No 02/01/2001
B: Underwater Inspection	No 02/01/2001
C: Other Special Inspection	No 02/01/2001

District: 4841700000 - D7 District Seven **Inspection Area:** 12 **County:** Fulton
Location ID: 121-09201M-000.38N **Over:** I-75
Structure ID: 121-0644-0 **Road Name:** PEACHTREE STREET

Evaluation

Topside Inspection Team **Inspection Type:** General **Inspection Date:** 05/15/2017
Team Leader: Jason T. Edwards
Assistants: Robert Davis

Deck

NBIS Condition 6 - Satisfactory Condition **Material:** O. Concrete

Deck Wearing Surface Type: 1. Concrete

9.0" Concrete deck

Deck surface has minor transverse cracking.
Both finger joints are rubbing and full of debris.
Spall abutment 1 header 4sq.ft.
Spall abutment 3 right lane n/b 1'x1' header.
Deck underside has minor transverse cracking up to .008" wide. Some with efflorescence. See photo.
Deck overhang has minor cracking up to .005" wide. Some with efflorescence. See photo.
Spall span1 bottom of deck with exposed rebar bay 4 -1 sq ft.
Span 1 bay 4 has a 4"H x 3"W x 1"D spall with exposed rebar.

Superstructure

NBIS Condition 7 - Good Condition **Material:** M. Steel **Year Painted:** 2002

Paint Type : 6- No paint present

Temperature (F): 73

Two span steel multi beams.
Built up plate girders.

Utilities are attached in bays 1, 2, 3, 7, and 9.

Bearings have minor debris in bearing area.
All beams have minor paint fading.

Substructure

NBIS Condition 7 - Good Condition **Material:** O. Concrete **Year Painted:** 0000

Paint Type : 0- Not Applicable

Abutment 1 is a concrete cap on massive concrete walls.
Bent 2 is a concrete cap on concrete columns.
Abutment 3 is a concrete cap on reinforced earth wall.

Minor hairline cracks in the abutments.
Bent 3 cap has minor vertical cracks at step downs.
Concrete columns have minor cracking up to .006" wide. See photo.
Concrete caps have vertical cracking up to .010" wide. See photo.

General

This Bridge:

Built in 1987.
Project # ACIB - I - IR - 2 (137) CT.1

Both approaches have map cracking.

Repairs:
Clean debris from finger joints and repair.
Repair deck spall at abutment 1 and 3 header.
Minor settlement rear approach slab from roadway.
Sidewalk settling rear right.

District: 4841700000 - D7 District Seven
 Location ID: 121-09201M-000.38N
 Structure ID: 121-0644-0

Inspection Area: 12
 Over: I-75
 Road Name: PEACHTREE STREET

County: Fulton

Load Rating and Posting

Truck Type	Gross/H-Modified	HSMmodified	Tandem	3-S-2	Log	Piggy
Calculated Posting	21	30	33	40	37	00
Posting Required	No	No	No	No	No	No
Existing Posting	00	00	00	00	00	00

Item 103 Temporarily Shored : No

Posting Required: No

Item 41 - Structure Open, Posted or Closed: A. Open, no restriction

Element Data

Element	Parent Element	Measurement Unit	Env*	Quantity	State 1	State 2	State 3	State 4
12-Reinforced Concrete Deck		SQUARE FEET	2	25424	23924	1500		
107-Steel Open Web Girder/Beam		Linear Foot	2	15179	15179			
515-Steel Protective Coating (107)	107-Steel Open Web Girder/Beam	SQUARE FEET	2	28760	28026	734		
215-Reinforced Conc Abutment		Linear Foot	2	176	176			
301-Pourable Joint Seal		Linear Foot		88	88			
304-Open Expansion Joint		Linear Foot	2	176	0	176		
311-Movable Bearing		Each	2	20	20			
515-Steel Protective Coating (311)	311-Movable Bearing	SQUARE FEET	2	40	40			
313-Fixed Bearing		Each	2	10	10			
515-Steel Protective Coating (313)	313-Fixed Bearing	SQUARE FEET	2	20	20			
321-Reinforced Concrete Approach Slab		SQUARE FEET	2	3960	3960			
331-Reinforced Concrete Bridge Railing		Linear Foot	2	575	575			

Env* = Environment

Defects

Element	Defect	State 2	State 3	State 4
12-Reinforced Concrete Deck	Cracking (RC and Other)	1500		
304-Open Expansion Joint	Debris Impaction	168		
304-Open Expansion Joint	Adjacent Deck or Header	8		
515-Steel Protective Coating (107)	Chalking (Steel Protective Coatings)	734		

Maintenance Items

Activity	Work Quantity	Priority	Location	Inspection Date	Completion Date	Comments
800 - BRIDGE JOINT SEALING (LINEAR FEET)	176	B	Finger joint	05/15/2017		Repair joints.
000 - BRIDGE PAINTING (Not performed by Highway Maintenance, used by Bridge		B	Beams	05/15/2017		Clean and paint beams.

District: 4841700000 - D7 District Seven **Inspection Area:** 12 **County:** Fulton
Location ID: 121-09201M-000.38N **Over:** I-75
Structure ID: 121-0644-0 **Road Name:** PEACHTREE STREET

Activity	Work Quantity	Priority	Location	Inspection Date	Completion Date	Comments
Mntce) ()		B	Beams	05/15/2017		Clean and paint beams.
805 - HEADER JNT RECONST/REPAIR (LINEAR FEET)	2	B	Abutment 3	05/15/2017		Repair spalls

Conditional Situations

Confined Space: No

Traffic Control Needed: No

Equipment Used

Access Equipment: None

Topside Boat: None

Waders: None

Special Imaging Device: Binoculars

District: 4841700000 - D7 District Seven
Location ID: 121-09201M-000.38N
Structure ID: 121-0644-0

Inspection Area: 12
Over: I-75
Road Name: PEACHTREE STREET

County: Fulton

Specialized Inspection

Inspection Team

Team Leader : Christopher Ryan Beasley

Inspection Date : 09/27/2016

Assistants : Lee Stevenson, Matt Butler

Deck

NBIS Condition Code : 6 - Satisfactory Condition

Deck Underside:

Deck underside has minor transverse cracking up to .008" wide. Some with efflorescence. See photo.

Deck overhang has minor cracking up to .005" wide. Some with efflorescence. See photo.

Span 1 bay 4 has a 4"H x 3"W x 1"D spall with exposed rebar.

Spall span #1 bottom of deck with exposed rebar bay #4 -1 sq ft.

Superstructure

NBIS Condition Code : 7 - Good Condition

Utilities are attached in bays 1, 2, 3, 7, and 9.

Bearings have minor debris in bearing area.

Exterior beams have minor paint fading.

Substructure

NBIS Condition Code : 7 - Good Condition

Concrete columns have minor cracking up to .006" wide. See photo.

Concrete caps have vertical cracking up to .010" wide. See photo.

Conditional Situations

Confined Space: No

Traffic Control Needed: Yes

Equipment Used

Access Equipment: Basket Truck

Special Imaging Device: None

District: 4841700000 - D7 District Seven **Inspection Area:** 12 **County:** Fulton
Location ID: 121-09201M-000.38N **Over:** I-75
Structure ID: 121-0644-0 **Road Name:** PEACHTREE STREET

No Other Special Inspection performed on this bridge.

District: 4841700000 - D7 District Seven **Inspection Area:** 12 **County:** Fulton
Location ID: 121-09201M-000.38N **Over:** I-75
Structure ID: 121-0644-0 **Road Name:** PEACHTREE STREET

No Fracture Critical Inspection performed on this bridge.

District: 4841700000 - D7 District Seven

Inspection Area: 12

County: Fulton

Location ID: 121-09201M-000.38N

Over: I-75

Structure ID: 121-0644-0

Road Name: PEACHTREE STREET

Bridge Components

Superstructure Data

Span #	Beam Type	Beam Spacing	Length	# Beams	Remarks
1	Steel	9.1	136.7	10	Plate Girder
2	Steel	9.1	150.9	10	Plate Girder

Bearing Data

Span #	Rear Type Bearing	Forward Type Bearing	Remarks
1	01 - Sliding Plate	10 - Continuous	
2	02 - Fixed Plate	01 - Sliding Plate	

District: 4841700000 - D7 District Seven **Inspection Area:** 12 **County:** Fulton
Location ID: 121-09201M-000.38N **Over:** I-75
Structure ID: 121-0644-0 **Road Name:** PEACHTREE STREET

Vertical Clearance

7B - Facility Carried: I-75

Cross Reference Location ID: 121-00401D-248.25N

Cross Reference ID : 121-0644-0-2

10 - Maximum Minimum Vertical Clearance (ft-in): 25-10

53 - Minimum Clearance Over (ft-in): 99-99

54A - Clearance Type: H- Highway beneath structure.

54B - Minimum Clearance Under (ft-in): 17-5

228A - Actual Minimum Vertical Odometer (ft-in): 17-05

228B - Actual Minimum Vertical Opposite (ft-in): 18-07

228C - Posted Minimum Vertical Odometer (ft-in): 00-00

228D - Posted Minimum Vertical Opposite (ft-in): 00-00

5E - Direction : 0. Not applicable

55A Lateral Type : H- Highway beneath structure.

55B Lateral Under Clearance Right (ft): 13.5

56 Lateral Under Clearance Left (ft): 5.5

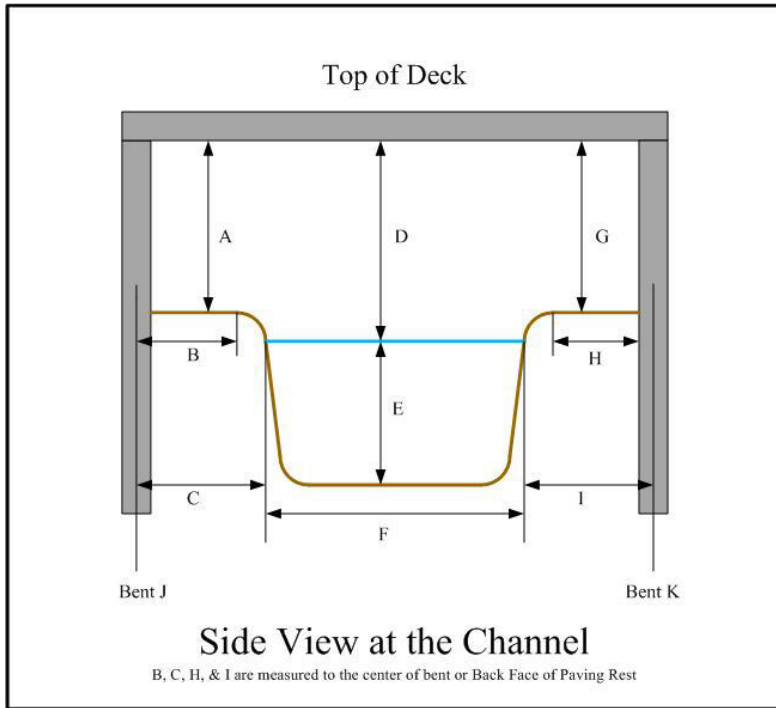
69 - Rating - Under Clearance Horizontal/Vertical : 9

47 - Total Horizontal Clearance (ft) : 99.9

District: 4841700000 - D7 District Seven **Inspection Area:** 12 **County:** Fulton
Location ID: 121-09201M-000.38N **Over:** I-75
Structure ID: 121-0644-0 **Road Name:** PEACHTREE STREET

No Underwater Inspection performed on this bridge.

Waterway Information



- A :
- B :
- C :
- D : 00.0
- E : 00.0
- F :
- G :
- H :
- I :
- J :
- K :
- Location of Bridge Height :
- Bridge Height Taken:
- Scour Condition : N
- Waterway Adequacy : N
- Channel Protection : N

Comments :

Substructure Skew =

Channel Skew =

Stream Angle =

District: 4841700000 - D7 District Seven
Location ID: 121-09201M-000.38N
Structure ID: 121-0644-0

Inspection Area: 12
Over: I-75
Road Name: PEACHTREE STREET

County: Fulton

Collision Information

Beam Type :
Span # with Beam Damage :
Total # of Beams in Span :
of Damaged Beams :

Minimum Vertical Clearance : ft - in

Actual Vertical Clearance at Point of Impact : ft - in

Posted Vertical Clearance : ft - in

Report Type :

Report Date :

Damage Location in Span :

Damage Type :

Damage Details :

Repairs Required : No

Repairs Made : No

Repair Details :

Additional Comments :

Photographs

121-0644-0_roadway_2017-5-15.jpg



Looking north

121-0644-0_superstructure_2017-5-15.jpg



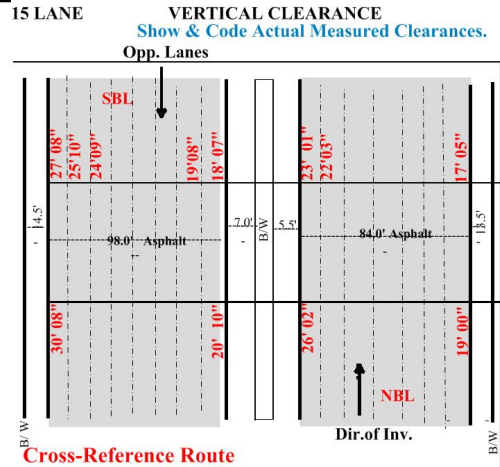
superstructure

121-0644-0_northbound_lanes_looking_north_2017-5-15.



Northbound_lanes_looking_north

121-0644-0_B6_RR;XREF-A.jpg



Sketch.

121-0644-0-6.JPG



18" Water & phone.

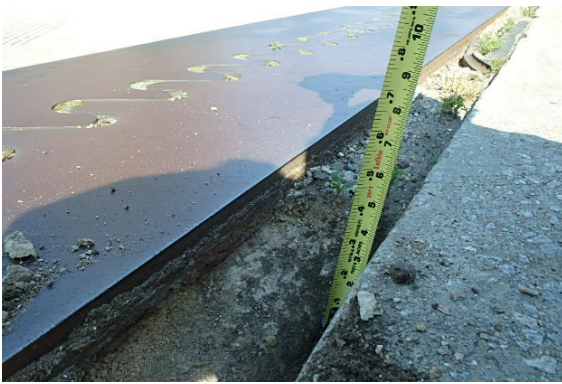
121-0644-0-9.JPG



Electric

Photographs

121-0644-0-12.JPG



Spall at abutment 3 finger joint.

121-0644-0-16.JPG

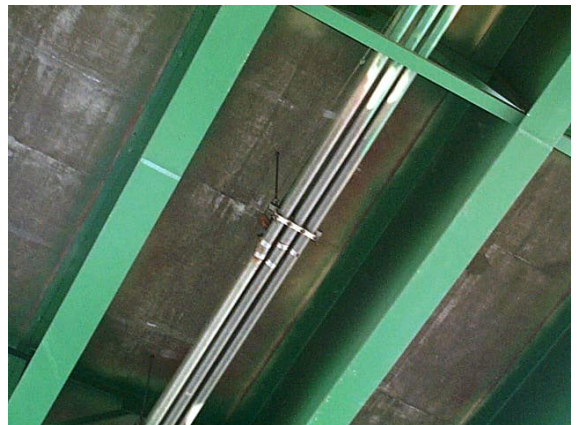


Deck spall span #1bottom

121-0644-0-2.JPG



121-0644-0-7.JPG



6 Phone.

121-0644-0-8.JPG



12 phone & gas.

P9270025.JPG



Team C 9-27-16, Cracking in columns up to .006" wide

Photographs

P9270033.JPG



Team C 9-27-16, Cracking in deck underside up to .008" wide with efflorescence

P9270028.JPG



Team C 9-27-16, Cracking in deck overhang up to .005" wide

P9270036.JPG



Team C 9-27-16, Cracking in deck overhang up to .005" wide

P9270032.JPG



Team C 9-27-16, Cracking in deck underside up to .008" wide with efflorescence

P9270034.JPG



Team C 9-27-16, Cracking in deck underside up to .008" wide with efflorescence

P9270035.JPG



Team C 9-27-16, Cracking in deck underside up to .008" wide with efflorescence

Photographs

121-0644-0_southbound_lanes_looking_south_2017-5-15.



Southbound_lanes_looking_south

APPENDIX O

MARTA CIVIC CENTER STATION BRIDGE INSPECTION REPORT

Georgia Department of Transportation

Bridge Inspection Report

District: 4841700000 - D7 District Seven

Inspection Area: 12

County: Fulton

Location ID: 121-09158M-001.58N

Over: I-75

Structure ID: 121-0414-0

Road Name: W. P'TREE- MARTA

Bridge Information: 2-Replacement with new structure at same location



District: 4841700000 - D7 District Seven
Location ID: 121-09158M-001.58N
Structure ID: 121-0414-0

Inspection Area: 12
Over: I-75
Road Name: W. P'TREE- MARTA

County: Fulton

National Bridge Inventory - Structure Inventory and Appraisal (SI&A)

IDENTIFICATION	
(1) State Name	134 - Georgia
(8) Structure Number	12104140
(5) Inventory Route	ON: 51091580
(2) Highway Agency District	7
(3) County Code	121 - Fulton
(4) Place Code	04000
(6) Features Intersected	I-75
(7) Facility Carried	W. P'TREE- MARTA
(9) Location	CIVIC CENTER STATION
(11) Kilometer Point	2.54 km
(12) Base Highway Network	Yes
(13) LRS Inventory Route & Subroute	12136332030
(16) Latitude	33° 45' 59.32"
(17) Longitude	084° 23' 14.96"
(98) Border Bridge State Code	% Share %
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	303
Material	3-Steel
Type	3-Girder and Floorbeam System
(44) Approach Structure Type	000
Material	0- Other
Type	0- Other
(45) Number of Spans in Main Unit	2
(46) Number of Approach Spans	0
(107) Deck Structure Type	1 - C-I-P Portland Cement Concrete - Epoxy Coated Rebars
(108) Wearing Surface/Protective System	
Type of Wearing Surface	6. Bituminous
Type of Membrane	0. None
Type of Deck Protection	1. Epoxy Coated Reinforcing
AGE AND SERVICE	
(27) Year Built	1979
(106) Year Reconstructed	0
(42) Type of Service	41
On	4-Highway-Railroad
Under	1-Highway (with or without
(28) Lane	
On	5
Under	13
(29) Average Daily Traffic	1930
(30) Year of ADT	2012
(109) Truck ADT	1 %
(19) Bypass, Detour Length	1 km
GEOMETRIC DATA	
(48) Length of Maximum Span	39.6 m
(49) Structure Length	79.2 m
(50) Curb or Sidewalk Width	
Left	5 m
Right	5 m
(51) Bridge Roadway Width Curb to Curb	17.4 m
(52) Deck Width Out to Out	42.7 m
(32) Approach Roadway Width (W/Shoulders)	27.4 m
(33) Bridge Median	0-None
(34) Skew	30 Deg
(35) Structure Flared	No
(10) Inventory Route Min Vert Clear	5.48 m
(47) Inventory Route Total Horiz Clear	17.3 m
(53) Min Vert Clear Over Bridge Rdwy	99.99 m
(54) Min Vert Underclear	
Ref:H- Highway beneath structure.	4.64 m
(55) Min Lat Underclear RT	
Ref:H- Highway beneath structure.	2 m
(56) Min Lat Underclear LT	1.6 m
NAVIGATION DATA	
(38) Navigation Control	N- Bridge is not over water
(111) Pier Protection	
(39) Navigation Vertical Clearance	0 m
(116) Vert-Lift Bridge Nav Min Vert Clear	0 m
(40) Navigation Horizontal Clearance	0 m

SUFFICIENCY RATING	73.9
STATUS (SD/FO/None)	Functionally Obsolete
CLASSIFICATION	
(112) NBIS Bridge Length	Y
(104) Highway System	1-Inventory Route is on the NHS
(26) Functional Class	19- Urban - Local
(100) Defense Highway	1- The Feature is on an Interstate STRAHNET route.
(101) Parallel Structure	N. No parallel structure exists
(102) Direction of Traffic	2- Two Way
(103) Temporary Structure	NOT Temporary Structure
(105) Federal Lands Highways	0. Not applicable
(110) Designated National Network	0- NOT part of Network
(20) Toll	3- On a Free Road or Non-Highway
(21) Maintain	26-Private (Other than railroad).
(22) Owner	26-Private (Other than railroad).
(37) Historical Significance	5 - Not eligible
CONDITION	
(58) Deck	6
(59) Superstructure	7
(60) Substructure	7
(61) Channel & Channel Protection	N
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	6- HS 20 + Mod (2-24,000# Axles @ 4ft Ctrs., when they govern)
(63) Operating Rating Method	2-Allowable Stress (AS)
(64) Operating Rating	
Type	2 - HS loading.
Rating	48.6 metric tons
(65) Inventory Rating Method	2-Allowable Stress (AS)
(66) Inventory Rating	
Type	2 - HS loading.
Rating	32.4 metric tons
(70) Bridge Posting	5. Equal to or above legal loads
(41) Structure Open/Posted/Closed	A. Open, no restriction
APPRAISAL	
(67) Structural Evaluation	7
(68) Deck Geometry	2
(69) Clearances, Vertical/Horizontal	4
(71) Waterway Adequacy	N
(72) Approach Roadway Alignment	8
(36) Traffic Safety Features	0000
A) Bridge Railings	0-Not meet standard or None provided
B) Transitions	0-Not meet standard or None provided
C) Approach Guardrail	0-Not meet standard or None provided
D) Approach Guardrail Ends	0-Not meet standard or None provided
(113) Scour Critical Bridges	N
PROPOSED IMPROVEMENTS	
(75) Type of Work	
(76) Length of Structure Improvement	0 m
(94) Bridge Improvement Cost	\$ 1,847,000
(95) Roadway Improvement Cost	\$ 185,000
(96) Total Project Cost	\$ 2,771,000
(97) Year of Improvement Cost Estimate	2013
(114) Future ADT	2895
(115) Year of Future ADT	2032
INSPECTIONS	
(90) Inspection Date	12/06/2016
(91) Frequency	24 Months
(92) Critical Feature Inspection	Done Freq. Date
A: Fracture Critical Detail	No 02/01/2001
B: Underwater Inspection	No 02/01/2001
C: Other Special Inspection	No 02/01/2001

District: 4841700000 - D7 District Seven **Inspection Area:** 12 **County:** Fulton
Location ID: 121-09158M-001.58N **Over:** I-75
Structure ID: 121-0414-0 **Road Name:** W. P'TREE- MARTA

Evaluation

Topside Inspection Team **Inspection Type:** General **Inspection Date:** 12/06/2016
Team Leader: Joshua M. Cofer
Assistants: Dana McCrary

Deck

NBIS Condition 6 - Satisfactory Condition **Material:** O. Concrete

Deck Wearing Surface Type: 6. Bituminous

9" Concrete with 2" asphalt overlay.

Abutment one header cracking..
There is asphalt joint cracking in all interior joint.

Superstructure

NBIS Condition 7 - Good Condition **Material:** M. Steel **Year Painted:** 1979

Paint Type : 6- No paint present **Temperature (F):** 76

Two span steel girder-floor beam-Marta calls it a Barnsdale Truss.
Topside team no access to superstructure due to panels.

See most recent specialized inspection.

Substructure

NBIS Condition 7 - Good Condition **Material:** O. Concrete **Year Painted:**

Paint Type : 0- Not Applicable

Abutments one and three and bent two is massive concrete.

Minor cracks in all units.
Abutment one and three have minor vertical and longitudinal cracking (typical) with efflorescence, previously marked by MARTA.
Minor map cracking in both wing walls at abutment three.
Minor spall-type-crack at abutment one under beam four.

General

This Bridge:

Built in 1979.
HS - 20 + M design.
Project # C N - 145 MARTA

Specialized Team C inspected spans one and two.. Deck panels restrict access to conduct hands on inspection of beams.

Replace impact damaged panels over north bound and south bound lanes.

Seal abutment joints polymer type joints. Seal all interior asphalt joint and asphalt cracking in all spans.

Load Rating and Posting

Truck Type	Gross/H-Modified	HSModified	Tandem	3-S-2	Log	Piggy
Calculated Posting	20	25	28	40	36	00
Posting Required	No	No	No	No	No	No
Existing Posting	00	00	00	00	00	00

Item 103 Temporarily Shored : No **Posting Required:** No
Item 41 - Structure Open, Posted or Closed: A. Open, no restriction

District: 4841700000 - D7 District Seven **Inspection Area:** 12 **County:** Fulton
Location ID: 121-09158M-001.58N **Over:** I-75
Structure ID: 121-0414-0 **Road Name:** W. P'TREE- MARTA

Element Data

Element	Parent Element	Measurement Unit	Env*	Quantity	State 1	State 2	State 3	State 4
12-Reinforced Concrete Deck		SQUARE FEET	2	36400	36400			
510-Wearing Surfaces (12)	12-Reinforced Concrete Deck	SQUARE FEET	2	14820	14820			
152-Steel Floor Beam		Linear Foot	2	2600	2600			
210-Reinforced Conc Pier Wall		Linear Foot	2	280	280			
215-Reinforced Conc Abutment		Linear Foot	2	280	280			
300-Strip Seal Expansion Joint		Linear Foot	2	114	109	5		
311-Movable Bearing		Each	2	15	15			
331-Reinforced Concrete Bridge Railing		Linear Foot	2	482	482			

Env* = Environment

Defects

Element	Defect	State 2	State 3	State 4
300-Strip Seal Expansion Joint	Adjacent Deck or Header	5		

Maintenance Items

Activity	Work Quantity	Priority	Location	Inspection Date	Completion Date	Comments
805 - HEADER JNT RECONST/REPAIR (LINEAR FEET)		B	Abutment one	12/06/2016		Repair header cracking

Conditional Situations

Confined Space: No

Traffic Control Needed: No

Equipment Used

Access Equipment: None

Topside Boat: None

Waders: None

Special Imaging Device: None

District: 4841700000 - D7 District Seven **Inspection Area:** 12 **County:** Fulton
Location ID: 121-09158M-001.58N **Over:** I-75
Structure ID: 121-0414-0 **Road Name:** W. P'TREE- MARTA

Specialized Inspection

Inspection Team

Team Leader : Christopher Ryan Beasley

Inspection Date : 09/27/2016

Assistants : Lee Stevenson, Matt Butler

Deck

NBIS Condition Code : 6 - Satisfactory Condition

Deck underside:

The structure is covered with soffit and architectural panels, which prevent a large majority of the structure from being inspected. Inspection was limited to areas where bottom panels were removed (over I-75/I-85)
No visible deficiencies were observed at these locations.

Superstructure

NBIS Condition Code : 7 - Good Condition

Spans 1 and 2 are not painted, with the exception of beam ends and bearings where panels were removed. Minor corrosion is developing on beams and floor beams.

Span 2 between beams 4 and 5 between floor beams 2 and 3 Panel supports damaged. See photo.

Span 2 has 2 cover panels damaged/missing due to impact. See photo.

Substructure

NBIS Condition Code : 7 - Good Condition

Pier wall 2 has vertical cracking up to .025" wide. See photo.

Pier wall 2 rear face at bottom left corner has a 8"H x 2"W x 2"D spall with exposed rebar. See photo.

Conditional Situations

Confined Space: No

Traffic Control Needed: Yes

Equipment Used

Access Equipment: None

Special Imaging Device: None

District: 4841700000 - D7 District Seven **Inspection Area:** 12 **County:** Fulton
Location ID: 121-09158M-001.58N **Over:** I-75
Structure ID: 121-0414-0 **Road Name:** W. P'TREE- MARTA

No Other Special Inspection performed on this bridge.

District: 4841700000 - D7 District Seven **Inspection Area:** 12 **County:** Fulton
Location ID: 121-09158M-001.58N **Over:** I-75
Structure ID: 121-0414-0 **Road Name:** W. P'TREE- MARTA

No Fracture Critical Inspection performed on this bridge.

District: 4841700000 - D7 District Seven

Inspection Area: 12

County: Fulton

Location ID: 121-09158M-001.58N

Over: I-75

Structure ID: 121-0414-0

Road Name: W. P'TREE- MARTA

Bridge Components
Superstructure Data

Span #	Beam Type	Beam Spacing	Length	# Beams	Remarks
1	Steel	0	130	0	Closed to inspection
2	Steel	0	130	0	Closed to inspection

Bearing Data

Span #	Rear Type Bearing	Forward Type Bearing	Remarks
1			Closed to inspection.
2			Closed to inspection.

District: 4841700000 - D7 District Seven Inspection Area: 12 County: Fulton
Location ID: 121-09158M-001.58N Over: I-75
Structure ID: 121-0414-0 Road Name: W. P'TREE- MARTA

Vertical Clearance

7B - Facility Carried: I-75

Cross Reference Location ID: 121-00401D-248.38N

Cross Reference ID : 121-0414-0-2

10 - Maximum Minimum Vertical Clearance (ft-in): 18-0

53 - Minimum Clearance Over (ft-in): 99-99

54A - Clearance Type: H- Highway beneath structure.

54B - Minimum Clearance Under (ft-in): 15-3

228A - Actual Minimum Vertical Odometer (ft-in): 15-03 **228B - Actual Minimum Vertical Opposite (ft-in):** 16-00

228C - Posted Minimum Vertical Odometer (ft-in): 00-00 **228D - Posted Minimum Vertical Opposite (ft-in):** 00-00

5E - Direction : 0. Not applicable

55A Lateral Type : H- Highway beneath structure.

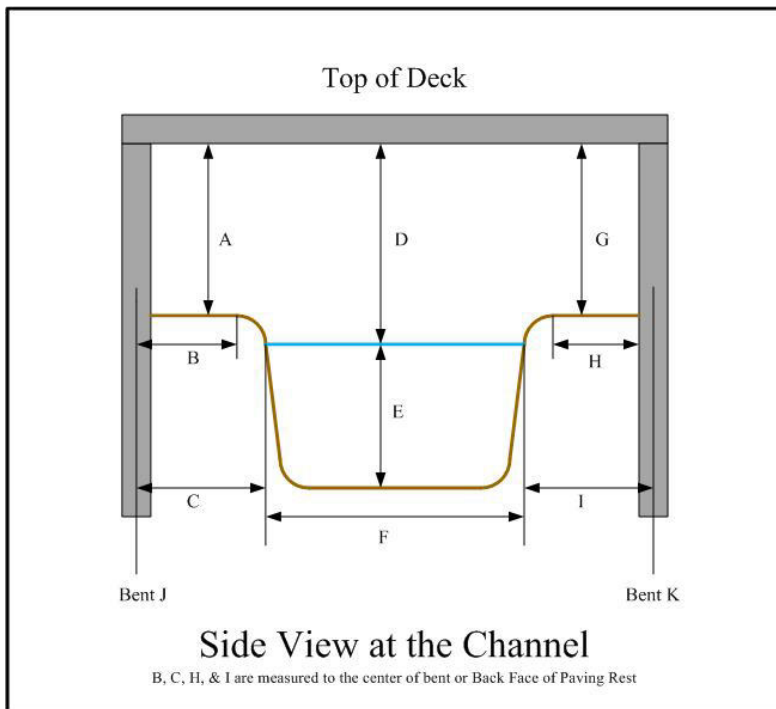
55B Lateral Under Clearance Right (ft): 6.5 **56 Lateral Under Clearance Left (ft):** 5.3

69 - Rating - Under Clearance Horizontal/Vertical : 4 **47 - Total Horizontal Clearance (ft) :** 95.8

District: 4841700000 - D7 District Seven **Inspection Area:** 12 **County:** Fulton
Location ID: 121-09158M-001.58N **Over:** I-75
Structure ID: 121-0414-0 **Road Name:** W. P'TREE- MARTA

No Underwater Inspection performed on this bridge.

Waterway Information



- A :
- B :
- C :
- D : 00.0
- E : 00.0
- F :
- G :
- H :
- I :
- J :
- K :
- Location of Bridge Height :
- Bridge Height Taken:
- Scour Condition : N
- Waterway Adequacy : N
- Channel Protection : N

Comments :

Substructure Skew =

Channel Skew =

Stream Angle =

District: 4841700000 - D7 District Seven
Location ID: 121-09158M-001.58N
Structure ID: 121-0414-0

Inspection Area: 12
Over: I-75
Road Name: W. P'TREE- MARTA

County: Fulton

Collision Information

Beam Type :

Span # with Beam Damage :

Total # of Beams in Span :

of Damaged Beams :

Minimum Vertical Clearance : ft - in

**Actual Vertical Clearance at
Point of Impact :** ft - in

Posted Vertical Clearance : ft - in

Report Type :

Report Date :

Damage Location in Span :

Damage Type :

Damage Details :

Repairs Required : No

Repairs Made : No

Repair Details :

Additional Comments :

Photographs

P9270020.JPG



Team C 9-26-16, Vertical cracking in pier wall 2 up to .025" wide

P9270021.JPG



Team C 9-26-16, Pier wall 2 spall with exposed rebar

P9270022.JPG



Team C 9-26-16, Span 1 with panels

P9270023.JPG



Team C 9-26-16, Span 1 with panels

121-0414-0-53.JPG



Side view of right side looking North.

121-0414-0-55.JPG



Broken panels span 2, collision damage.

Photographs

121-0414-0-56.JPG



Collision damage span 1 over right lane, broken panels and panel supports (Beam 3-5).

121-0414-0-54.JPG



Broken panels span 2, collision damage.

PC060002.JPG



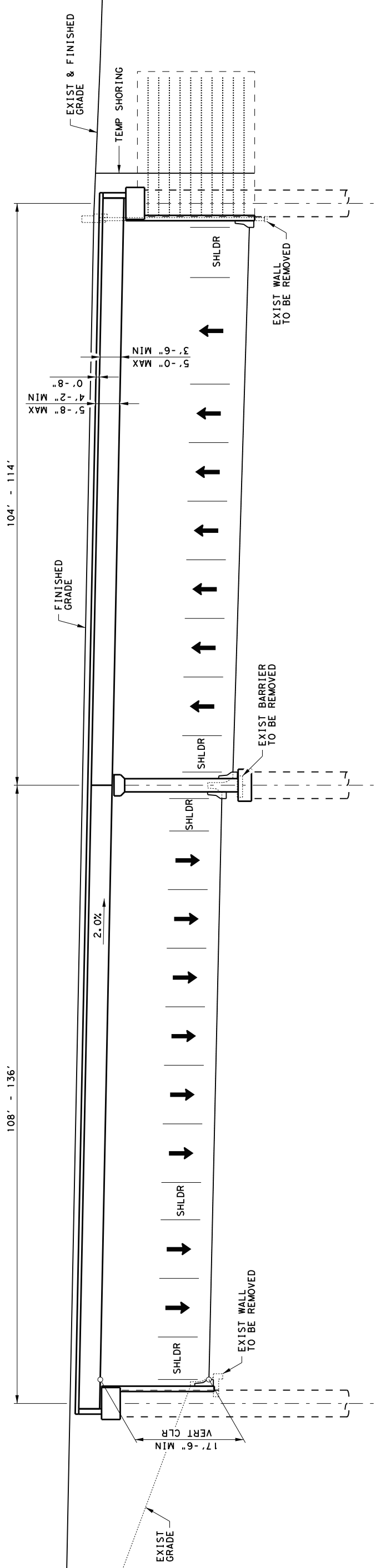
Taken with inventory

PC060004.JPG





Forward left

APPENDIX P
TYPICAL SECTIONS



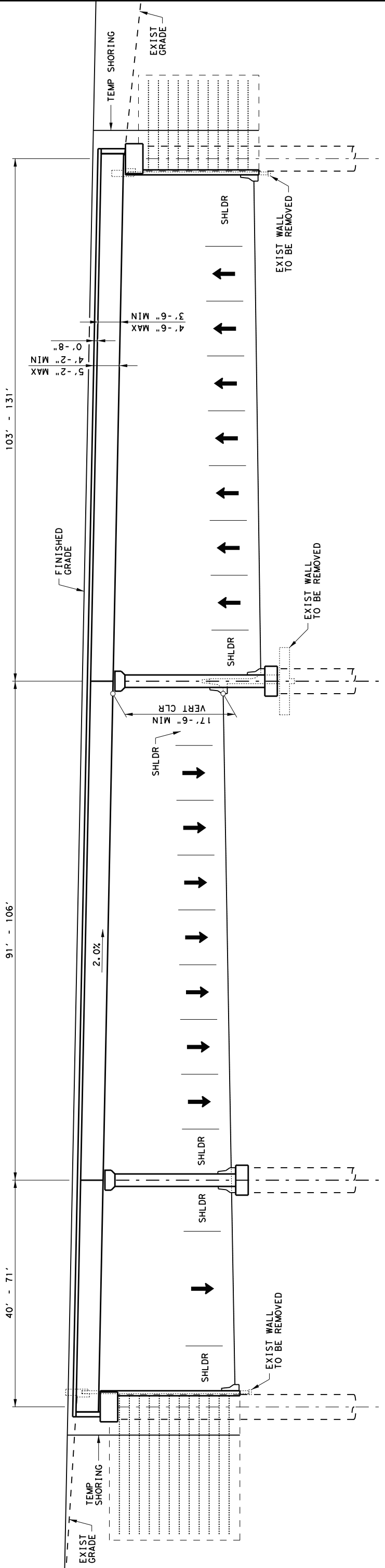
BLOCK 1 TYPICAL SECTION


DaVinci
 Development Collaborative, LLC
 Central Atlanta Progress
 Atlanta Downtown Improvement District



JACOBS
 JACOBS ENGINEERING GROUP INC.


THE STITCH
 BLOCK 1
 TYPICAL SECTION

\$FLA\$BREVS\$
\$DATE\$



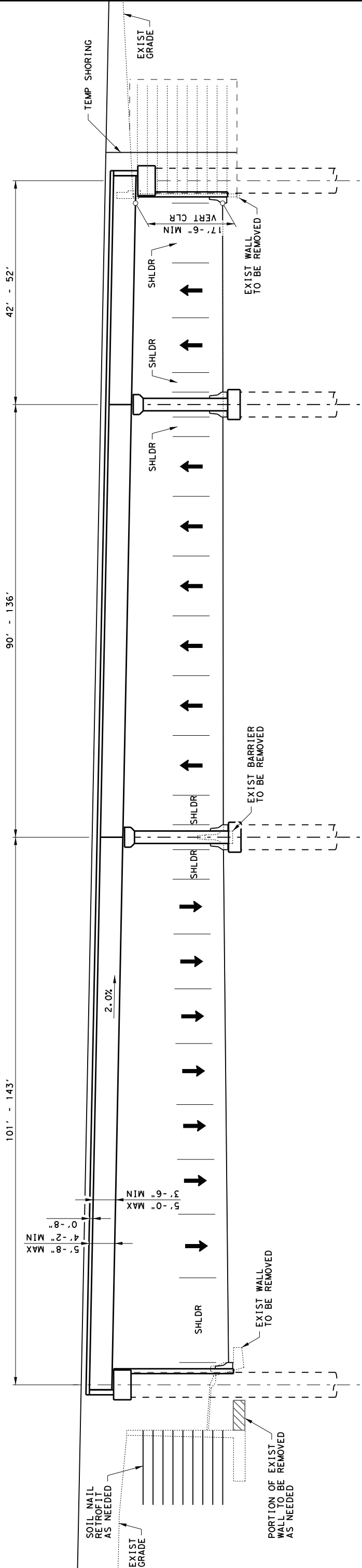
BLOCK 2 TYPICAL SECTION


DaVinci
 Development Collaborative, LLC
 Central Atlanta Progress
 Atlanta Downtown Improvement District



JACOBS
 JACOBS ENGINEERING GROUP INC.


THE STITCH
 BLOCK 2
 TYPICAL SECTION

\$FLA\$BREVS\$
\$DATE\$



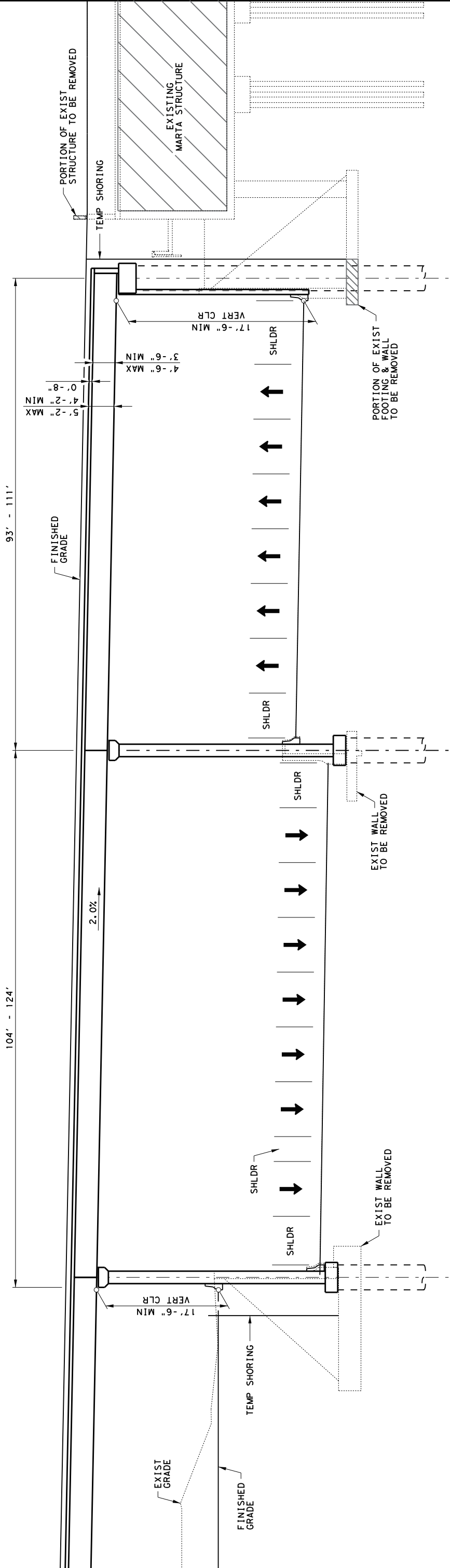
BLOCK 3 TYPICAL SECTION


DaVinci
 Development Collaborative, LLC
 Central Atlanta Progress
 Atlanta Downtown Improvement District


JACOBS
 JACOBS ENGINEERING GROUP INC.

THE STITCH
 BLOCK 3
 TYPICAL SECTION

\$DATE\$
\$FILE\$



BLOCK 4 TYPICAL SECTION


DaVinci
 Development Collaborative, LLC
 Central Atlanta Progress
 Atlanta Downtown Improvement District

JACOBS
 JACOBS ENGINEERING GROUP INC.

THE STITCH
 BLOCK 4
 TYPICAL SECTION

\$FLAABREV\$
 \$DATE\$
 \$TIMES\$

APPENDIX Q

STRUCTURAL SITE VISIT PHOTOS

STRUCTURAL SITE VISIT PHOTOGRAPHS



Figure A-1: Existing Wall Adjacent to Wall F



Figure A-2: Alexander St. Abutment



Figure A-3: Wall Q



Figure A-4: Proximity of The Old New York 19 Condo Foundation to Wall N



Figure A-5: Wall N to Wall M Transition



Figure A-6: Soil Erosion Behind Wall N