



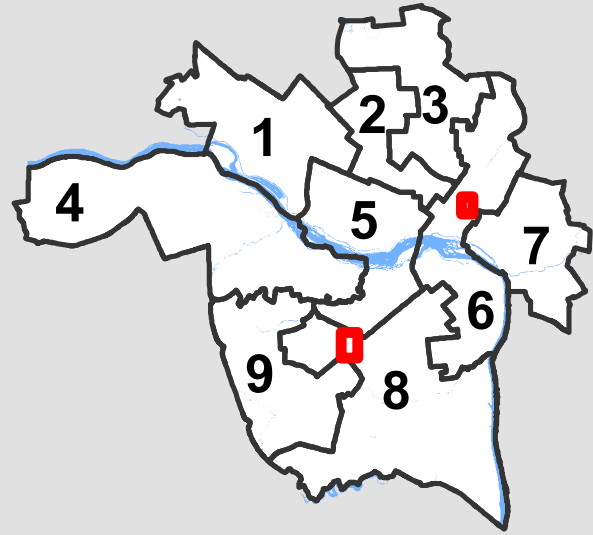
# City of Richmond Department of Planning & Development Review

## Location, Character, and Extent

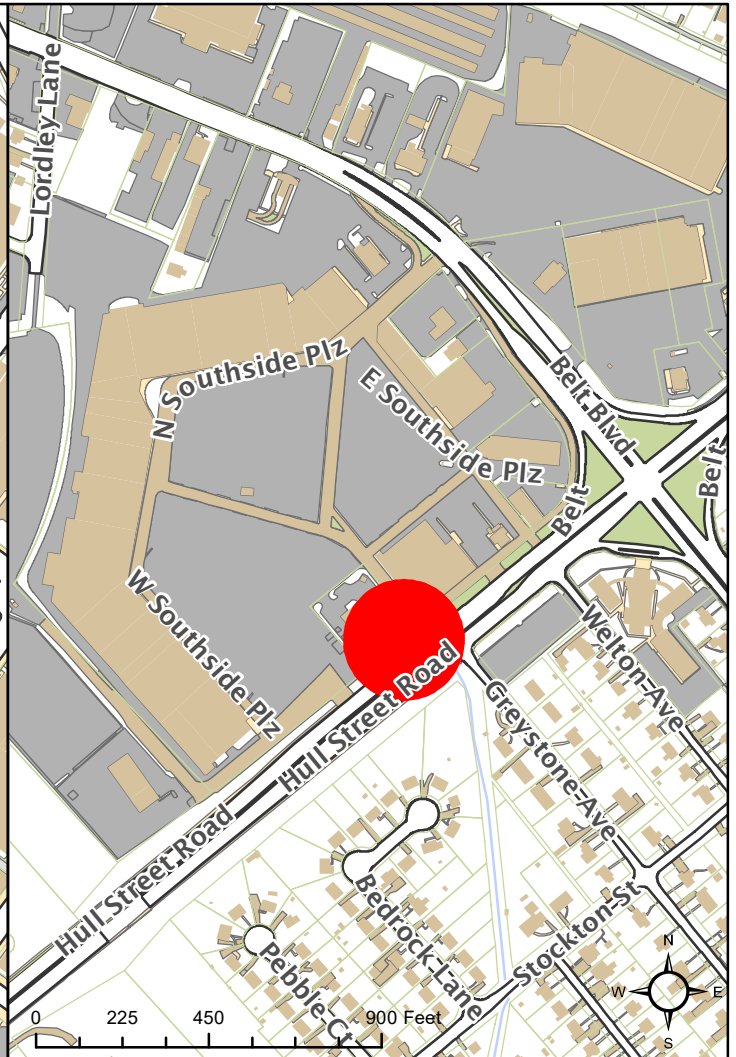
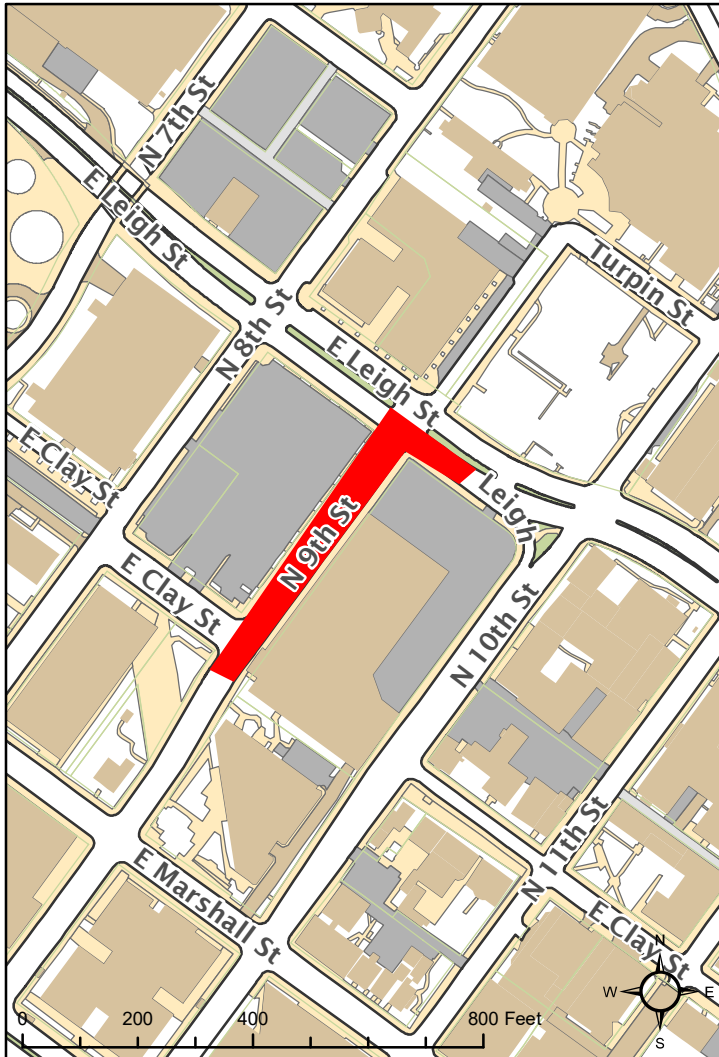
**LOCATION:** 500 N. 9th Street; 4110 Hull Street

**COUNCIL DISTRICT:** 6, 8

**PROPOSAL:** Conceptual Location, Character, and Extent review of new, enhanced bus shelters to replace existing shelters as part of the Richmond Transit Network Plan.



*For questions, please contact Josh Son  
at 646-3741 or [joshua.son@richmondgov.com](mailto:joshua.son@richmondgov.com)*





## Application for URBAN DESIGN COMMITTEE Review

Department of Planning and Development Review  
Planning & Preservation Division  
900 E. Broad Street, Room 510  
Richmond, Virginia 23219  
(804) 646-6335

<http://www.richmondgov.com/CommitteeUrbanDesign>

### Application Type

- Addition/Alteration to Existing Structure  
 New Construction  
 Streetscape  
 Site Amenity

- Encroachment  
 Master Plan  
 Sign  
 Other

### Review Type

- Conceptual  
 Final

Project Name: Richmond Transit Network Plan (RTNP) Implementation

Project Address: 500 N. 9th Street, Richmond, VA 23219 and 4110 Hull Street Road, Richmond, VA 23224

Brief Project Description (this is not a replacement for the required detailed narrative) : The City of Richmond and GRTC are implementing the RTNP. As part of this implementation they are replacing existing transit shelters with new shelters that provide more coverage from the elements. These existing shelters are being replaced at the Temporary Transfer Plaza and Southside Plaza locations (see attached conceptual plans).

### Applicant Information

(on all applications other than encroachments, a City agency representative must be the applicant)

Name: Amy Inman Email: Amy.Inman@richmondgov.com

City Agency: Multimodal Transportation Phone: 804-646-5871

Address: 900 E. Broad Street, 15th Floor

Main Contact (if different from Applicant): \_\_\_\_\_

Company: \_\_\_\_\_ Phone: \_\_\_\_\_

Email: \_\_\_\_\_

### Submittal Deadlines

All applications and support materials must be filed no later than 21 days prior to the scheduled meeting of the Urban Design Committee (UDC). Please see the schedule on page 3 as actual deadlines are adjusted due to City holidays. **Late or incomplete submissions will be deferred to the next meeting.**

### Filing

Applications can be mailed or delivered to the attention of "Urban Design Committee" at the address listed at the top of this page. **It is important that the applicant discuss the proposal with appropriate City agencies, Zoning Administration staff, and area civic associations and residents prior to filing the application with the UDC.**

### UDC Background

The UDC is a ten member committee created by City Council in 1968 whose purpose is to advise the City Planning Commission on the design of projects on City property or right-of-way. The UDC provides advice of an aesthetic nature in connection with the performance of the duties of the Commission under Sections 17.05, 17.06 and 17.07 of the City Charter. The UDC also advises the Department of Public Works in regards to private encroachments in the public right-of-way.



**URBAN DESIGN COMMITTEE**  
**Richmond Transit Network Plan (RTNP) Implementation**

City of Richmond  
Urban Design Committee  
c/o Joshua Son  
900 East Broad Street  
Room 510  
Richmond, VA 23219

**1) Purpose and Background**

The City of Richmond and GRTC Transit System have collaborated since January 2016 to develop a new bus network known as the Richmond Transit Network Plan (RTNP) that restructures the existing transit routes in a manner that will provide seamless connectivity to the GRTC Pulse Bus Rapid Transit (BRT) and provide the citizens of Metro Richmond with service that will allow them to travel further faster while maintaining service in areas that have low density and less population.

The existing transit amenities at the Temporary Transfer Plaza (TTP) do not provide adequate shelter from the wind and rain. There will also be a new stop placed along Hull Street in the Southside Plaza area that is proposed to have a three-sided shelter. The City of Richmond and GRTC would like to replace the existing shelters at the TTP and add the new shelter on Hull Street adjacent to the Southside Plaza area.

**2) Project Schedule**

The overall conceptual schedule for the removal of existing shelters at the TTP and installation of new shelters at the TTP and Southside Plaza is:

- |   |                     |
|---|---------------------|
| • Approval by UDC of shelter design and TTP Project             | January 2018        |
| • Architecture and Engineering Plans                            | January 2018        |
| • Order Shelters  | January 2018        |
| • Manufacture and Delivery of Shelters to GRTC                  | February – May 2018 |
| • Bidding and Awarding Contract for TTP Removal and Bid Package | February – May 2018 |
| • Removal of Shelters at TTP                                    | May – June 2018     |
| • Installation of New Shelters at TTP and Southside Plaza       | May – July 2018     |
| • Completion of Construction and Acceptance of New Shelters     | August 2018         |

**3) Project Budget and Funding Sources**

GRTC will use 5307 Federal Transit Administration grant funds with the required state and/or local match. The Project scope and estimated cost breakdown for the TTP includes:

**Downtown Temporary Transfer Plaza (TTP)**

- Removal of 9 existing custom shelters at TTP = **\$92,500 (under separate contract);**
- Removal of signage at Bays K & L (street markings and bollards will remain to indicate bus staging locations) = **\$600;**
- Purchase of 6 new manufactured shelters w/acrylic sides and rear wall (\$6,825 each) = **\$40,950;**
- Installation of 6 new shelters = **\$24,000**



- Site prep for shelters - \$1,000 each x 6 = **\$6,000**
- Removal of 3 benches (\$636) + removal of 3 trashcans (\$522) = **\$1,158;**
- **Total: \$165,208**

The project scope and estimated cost breakdown for the Southside Plaza area includes:

#### **Southside Plaza**

- Southside Plaza - at Hull Street location – remove existing bench - **\$212;**
- Three curb cuts - **\$1,000;**
- One new trashcan - **\$258;**
- Construction of sidewalk and new shelter pad = **\$15,000;**
- Purchase of 1 new manufactured shelters w/acrylic sides and rear wall with front windscreen panel = **\$7,825;**
- Installation of one new shelter w/front windscreen panel - **\$3,960**
- **Total = \$28,255.**

**Total estimated project cost with the above scope of work at TTP and SSP: \$193,463 + 10% contingency = \$212,809.**

#### **4) Description of Construction Program and Estimated Construction Start Date**

The construction program will consist of the removal of the nine existing shelters at the TTP. Existing signage will be removed at Bays K and L at the TTP. After removal of existing amenities, the TTP site will be prepared and six new shelters installed. Please refer to the attached conceptual plans for locations and associated details. Please see attached rendering that displays the proposed shelter at the TTP (Figure 1).

At Southside Plaza, along Hull Street in front of the McDonalds, the construction program consists of removal of the existing bench, installation of new sidewalk, curb cuts, and shelter pad. After site preparation, a new transit shelter will be installed. Please refer to the attached conceptual plan for location and associated details. Please see attached rendering that display the proposed shelter at Southside Plaza (Figure 2).

The estimated construction start date for both the TTP work and Southside Plaza work is May 2018. The attached Hip Slimline Shelter by Brasco International is proposed. The specific proposed shelter is the Dutch hip with standing seam aluminum roof and 2.5" fascia with full side walls. A front windscreen panel is proposed for the shelter on Hull Street, and acrylic sides will be installed for every shelter.



**Figure 1 – Rendering of Shelter at TTP**





**Figure 2 – Rendering of Shelter at Southside Plaza**





GRAPHIC SCALE IN FEET  
 0 32.5 75 150



INSET A

E. LEIGH STREET

BUS TRANSFER CENTER

N. 9TH STREET

E. CLAY STREET

N. 7TH STREET

N. 8TH STREET

N. 10TH STREET

E. MARSHALL STREET

CITY HALL

E. BROAD STREET

**Kimley»Horn**

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 1700 WILLOW LAWN DR, SUITE 200, RICHMOND, VA 23230  
 PHONE: 804-673-3882  
 WWW.KIMLEY-HORN.COM

KHA PROJECT  
 113257016  
 DATE  
 12/6/2017  
 SCALE AS SHOWN  
 DESIGNED BY JHO  
 DRAWN BY CRH  
 CHECKED BY DMC

9th Street  
 Temporary Transfer Center

Richmond

Virginia

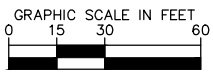
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PROJECT  
 AREA

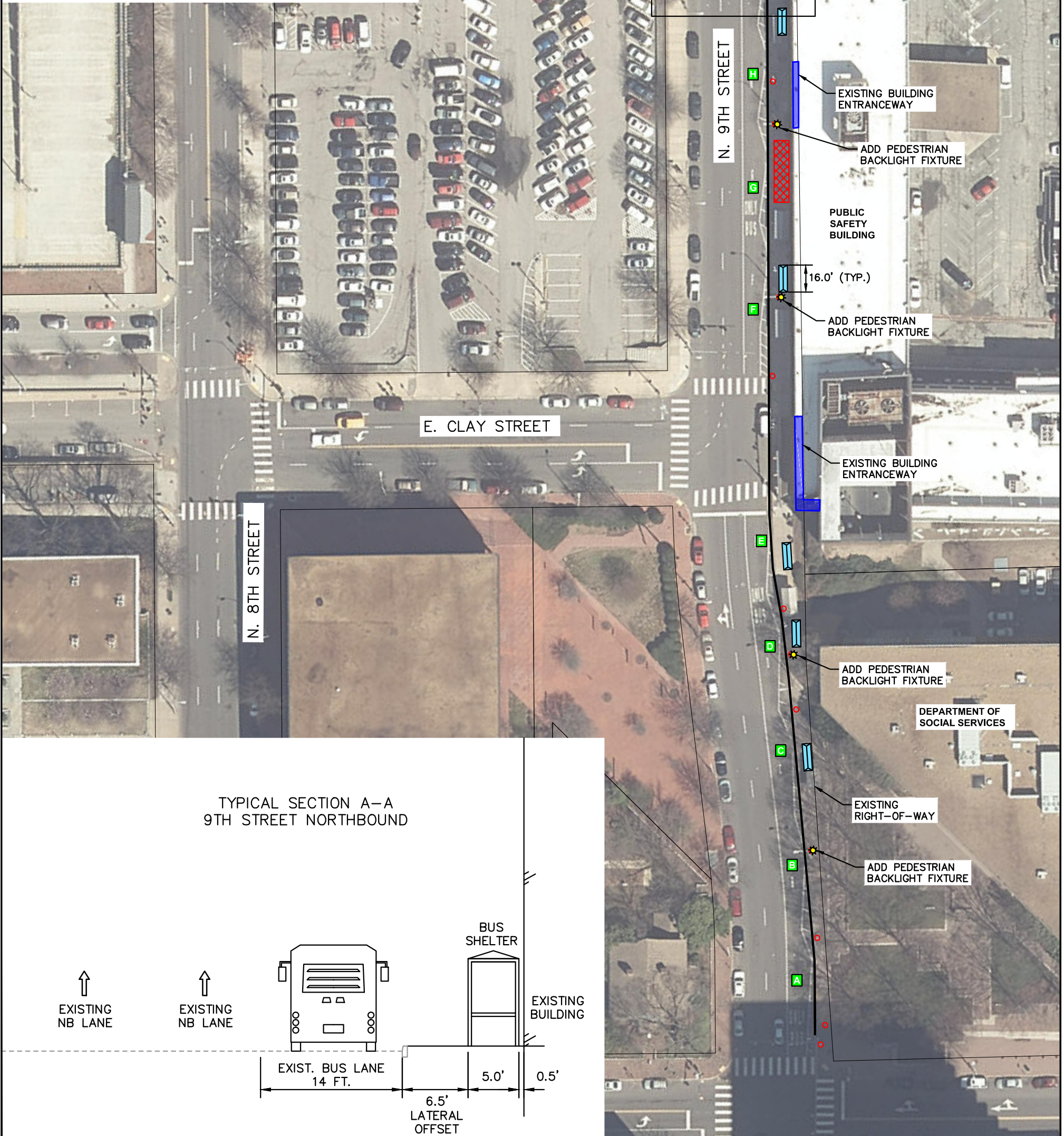
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01

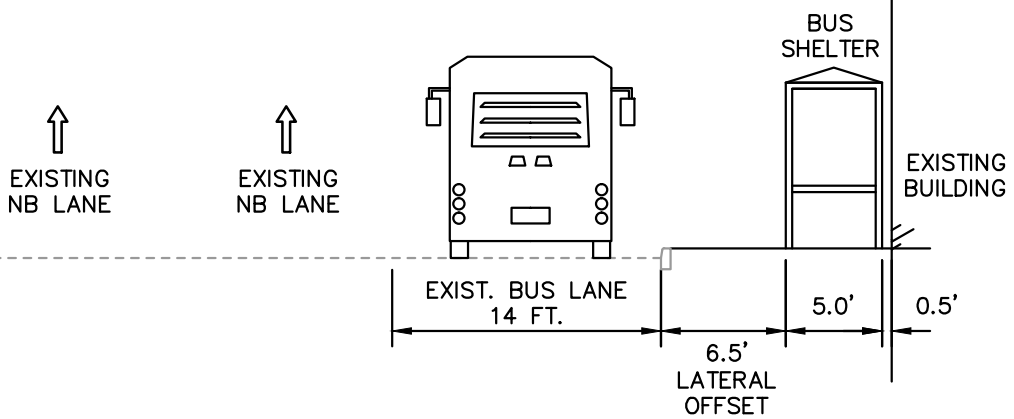


**LEGEND**

- EXISTING BUS BAY LOCATIONS
- PROPOSED 5' X 16' BUS SHELTER
- EXISTING OBSTRUCTION (LIGHT POLE, FIRE HYDRANT, ETC.)
- EXISTING UTILITY VAULT WITH GRATE
- ⊙ PROPOSED PEDESTRIAN LIGHTING FIXTURE



TYPICAL SECTION A-A  
9TH STREET NORTHBOUND



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**9th Street  
Temporary Transfer Center**

Richmond

Virginia

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DATE:

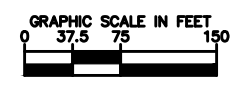
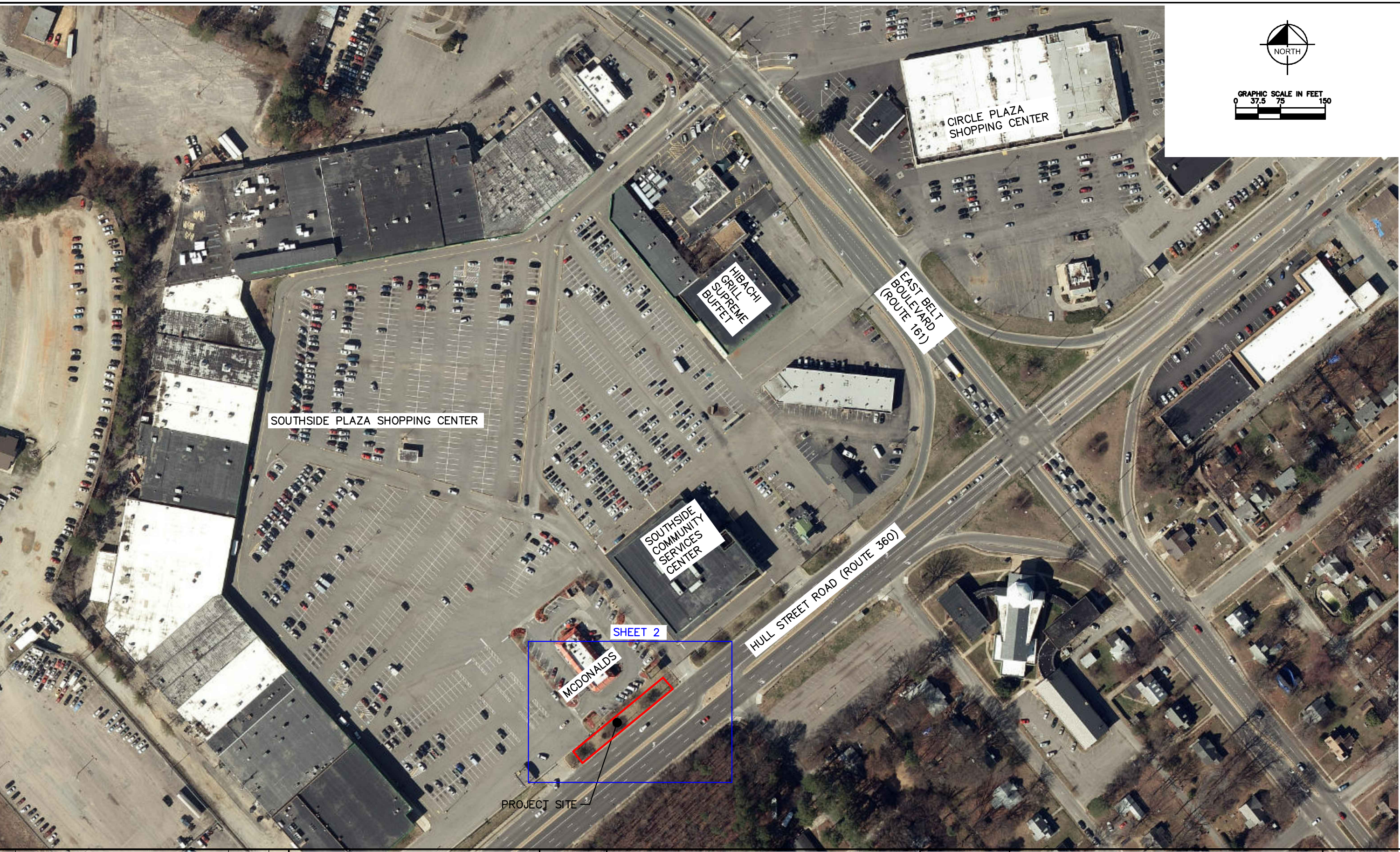
**INSET A**

SHEET NUMBER

**02**



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SOUTHSIDE PLAZA SHOPPING CENTER

CIRCLE PLAZA SHOPPING CENTER

HIBACHI GRILL SUPREME BUFFET

EAST BELT BOULEVARD (ROUTE 161)

SOUTHSIDE COMMUNITY SERVICES CENTER

HULL STREET ROAD (ROUTE 360)

SHEET 2

MCDONALDS

PROJECT SITE

No.	REVISIONS	DATE	BY

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KHA PROJECT 113257016
DATE 12/6/2017
SCALE AS SHOWN
DESIGNED BY JHO
DRAWN BY JHO
CHECKED BY DMC

Southside Plaza  
Bus Transfer Center

Richmond Virginia

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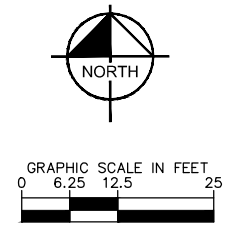
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VICINITY MAP

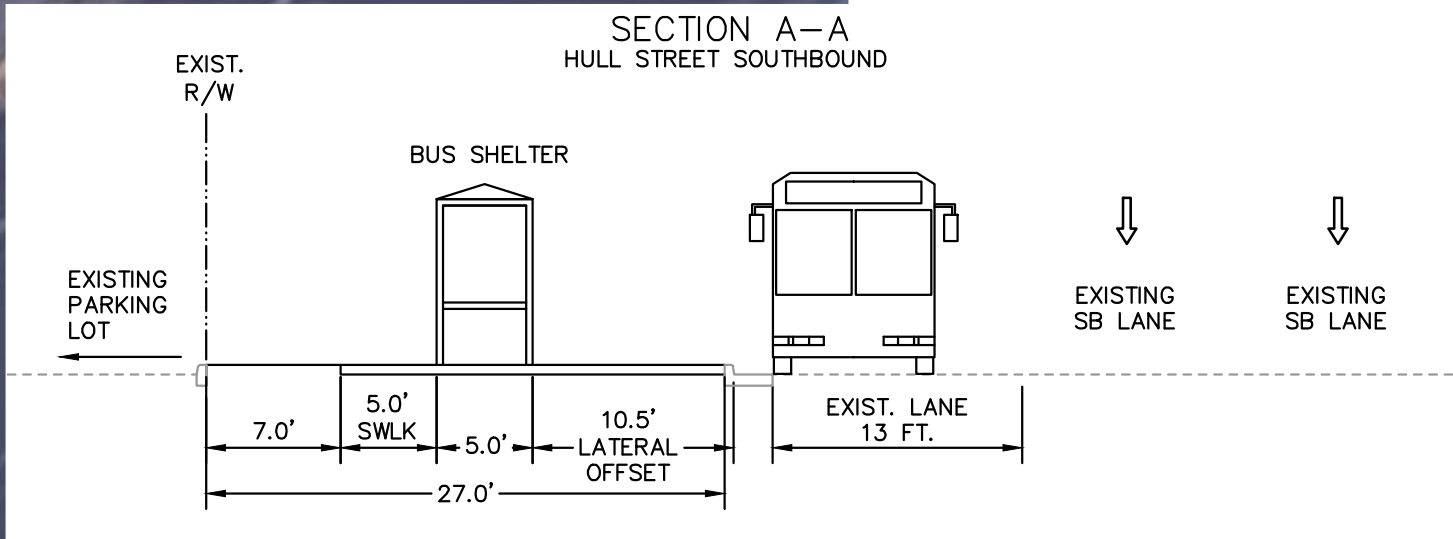
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1

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 Sheet Set: KHA - Layout: Hull Street - McDonalds  
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- LEGEND**
- PROPOSED 5' X 16' BUS SHELTER
  - EXISTING OBSTRUCTION (LIGHT POLE, FIRE HYDRANT, ETC.)
  - PROPOSED CONCRETE SIDEWALK



No.	REVISIONS	DATE	BY

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DATE 12/6/2017
SCALE AS SHOWN
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CHECKED BY DMC

**Southside Plaza  
Bus Transfer Center**  
 Richmond Virginia

LICENSED PROFESSIONAL

\_\_\_\_\_

DATE: \_\_\_\_\_

**HULL STREET  
BUS STOP**

SHEET NUMBER

2



8' x 20' Standing seam hip roof Slimline shelter in a Dark Bronze anodized finish with triple front windscreen and lower horizontal mullions.

## HIP SLIMLINE

### Standing Seam or Glazed Roof Options

The Hip Slimline series offers a classic and timeless design with three roof glazing options. Choose from standard or custom wall and roof glazing to tailor this design to match your brand colors. Select from an aluminum, polycarbonate or acrylic glazed roof in either a Classic or Dutch hip profile. The Slimline series is very versatile in size and can be tailored to fit nearly any specific footprint. Cantilevered roofs offer the narrowest footprint and are ideal for limited pathways. Brasco's engineering team calculates all shelters to meet local wind, snow & seismic load requirements.

Slimlines can be anodized or powder coated for tailored branding and you can customize the wall glazing with a variety of graphic options.



#### SPECIFICATIONS

Roof Width	4', 5', 8', Custom
Roof Length	8', 10', 12', 15', 20', Custom
Wall Configuration	Full Side Walls, Cantilevered Roof / Partial Side walls
Square Columns	2.5", 3", 4" (Calculated by Brasco Engineers)
Roof Profile	Classic Hip, Dutch Hip
Roof Fascia	2.5", 4", 6", Custom
Roof Glazing	Standing Seam Aluminum, Polycarbonate, Acrylic
Finishing	Std. Powder Coat, Anti-Graffiti Powder Coat, Anodized
Illumination	Solar Powered or A/C LED Lighting System
Grillwork	Upper and / or Lower: Diamond, Victorian, Square
Accessories	Bench, Leaning Rail, Windscreen, Waste Receptacle, Bike Rack, Map Case, Lit or Unlit Advertising Box
General	Aluminum Will Never Rust, Made in USA

Ordering matrix: SL - 00 (width) 00 (length) - X (roof) Example: SL-0510-H

**Left:** Classic hip with standing seam aluminum roof and 2.5" fascia. Full side walls with front windscreen and diamond grillwork.

**Center:** Classic hip with clear polycarbonate roof glazing and 6" fascia. Cantilevered roof

**Right:** Dutch hip with standing seam aluminum roof and 2.5" fascia. Full side walls.

