



COMMISSION OF ARCHITECTURAL REVIEW

APPLICATION FOR CERTIFICATE OF APPROPRIATENESS

PROPERTY (location of work)

400 Stuart Circle, 2300 Monument Ave, 2700 Monument Ave, 3000 Monument Ave, & 2305 Monument Ave

Address Richmond, VA 23220

Historic district Monument Avenue City Old and Historic District

Date/time rec'd: _____
Rec'd by: _____
Application #: _____
Hearing date: _____

APPLICANT INFORMATION

☐ Check if Billing Contact

Name Christopher Frelke

Phone (804)646-1128

Company Dept. of Parks, Recreation, and Community Facilities

Email Christopher.Frelke@richmondgov.com

Mailing Address 1209 Admiral Street

Applicant Type: ☒ Owner ☐ Agent

Richmond, VA 23220

☐ Lessee ☐ Architect ☐ Contractor

☐ Other (please specify): _____

OWNER INFORMATION (if different from above)

☐ Check if Billing Contact

Name _____

Company _____

Mailing Address _____

Phone _____

Email _____

PROJECT INFORMATION

Project Type:

☒ Alteration

☐ Demolition

☐ New Construction

(Conceptual Review Required)

Project Description: (attach additional sheets if needed)

Please See Attached Description and Documentation

ACKNOWLEDGEMENT OF RESPONSIBILITY

Compliance: If granted, you agree to comply with all conditions of the certificate of appropriateness (COA). Revisions to approved work require staff review and may require a new application and approval from the Commission of Architectural Review (CAR). Failure to comply with the conditions of the COA may result in project delays or legal action. The COA is valid for one (1) year and may be extended for an additional year, upon written request and payment of associated fee.

Requirements: A complete application includes all applicable information requested on checklists available on the CAR website to provide a complete and accurate description of existing and proposed conditions, as well as payment of the application fee. Applicants proposing major new construction, including additions, should meet with Staff to review the application and requirements prior to submitting an application. Owner contact information and signature is required. Late or incomplete applications will not be considered.

Zoning Requirements: Prior to Commission review, it is the responsibility of the applicant to determine if zoning approval is required and application materials should be prepared in compliance with zoning.

Signature of Owner

Date

4/27/14

Property

Addresses:

J.E.B Stuart	499 Stuart Cir, 23220
Jefferson Davis Memorial	2399 Monument Ave, 23220
Stonewall Jackson	2799 Monument Ave, 23220
Matthew Fontaine Maury	3099 Monument Ave, 23220
Confederate Cannon 1	2395 Monument Ave, 23220

Historic District: Monument Avenue

Applicant Information

Name: Christopher Frelke

Company: City of Richmond, Department of Parks, Recreation and Community Facilities

Mailing Address: 1209 Admiral Street, Richmond VA 23220

Phone: (804)646-1128

Email: Christopher.Frelke@richmondgov.com

Applicant Type: Owner

Project Information

Project Type: Alteration (Relocation/Removal)

Project Description:

On behalf of the City of Richmond and in accordance with [Ord. 2020-154](#), the Department of Parks, Recreation, and Community Facilities requests a CAR Certificate of Appropriateness for **permission for the ability to remove** monuments and pedestals from the Monument Avenue City Old and Historic District. The following five monuments and pedestals are assets of the Department of Parks, Recreation and Community Facilities: 1)JEB Stuart at 499 Stuart Circle, 2)Jefferson Davis Memorial at 2399 Monument Avenue, 3)Stonewall Jackson Monument at 2799 Monument Avenue, 4)Matthew Fontaine Maury Monument at 3099 Monument Avenue, 5)Confederate Cannon at 2395 Monument Avenue.

As specific CAR guidance for removal is not enumerated, this application is based on the CAR guidance for Relocation and the Department of Historic Resources (DHR) "Guidance Regarding Confederate Monuments." Per [Section 15.2-1812 of the Code of Virginia](#) (effective July 1, 2020), the General Assembly has granted authority to the City Council to decide upon the future location/receivership of these City assets; therefore, this application for appropriateness does not speculate where any of these assets may or should end up. Further, beyond providing what the temporary restoration of each site could look like upon removal to maintain health, human safety, traffic flow, and landscape continuity, this application does not propose what should exist on these sites in the future.

Richmond has a dark history. As the second largest center for the domestic slave trade in the United States and the former Capital of the Confederacy, Richmond was a center of oppression. In 1890, the Robert E. Lee monument was unveiled in the City of Richmond. Following the

unveiling of the Lee Monument, the city also assembled a collection of Lost Cause equestrian statuary along Monument Avenue and elsewhere in the city, the likes of which existed nowhere else in the United States. These monuments were symbols of oppression and inequality. As we continue to erase the city's former title as the "Capital of the Confederacy," we have to ensure that we learn from our past mistakes.

Justification for this application for appropriateness is further rooted in the City Charter and the City Code. Code §30-100 outlines the purposes of the zoning ordinance. The ability to remove the monuments and pedestals will (3) Promote health, sanitation and general welfare, as well as (7) Facilitate the creation of a convenient, attractive and harmonious community. Code §30-930.2 (4) outlines the purposes of City Old and Historic Districts. Ability to remove monuments and pedestals will provide for (4) The enhancement of the quality of life for residents. Charter § 2.04 of the Charter provides the City power to make regulations for the preservation of the morals of the city and its inhabitants. The representation of white supremacy and the legacy of slavery in prominent public places through these monuments is of questionable morality. Charter § 2.04 of the Charter provides the City power to prevent riots, disturbances, and disorderly assemblages. Based on the events of the last year, and similar events in other cities, the ability to remove monuments and pedestals could be considered such a prevention effort.

Attachments 1-5 show the existing conditions of each site including an aerial view map with City Old and Historic District Boundaries, and pictures of each of the monuments and pedestals from the North, South, East and West as of 4/21/21.

Attachment 6, pages 5-9, provided by VHB show suggestions for the *temporary* restoration of each of these sites should removal proceed in the future.

Attachment 7, page 2 prepared by Paul DiPasquale provides technical considerations specific to each monument should removal proceed in the future.

Attachment 4, cost basis for temporary restoration items



Facing South



Facing West



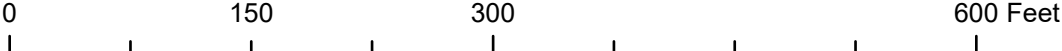
Facing North

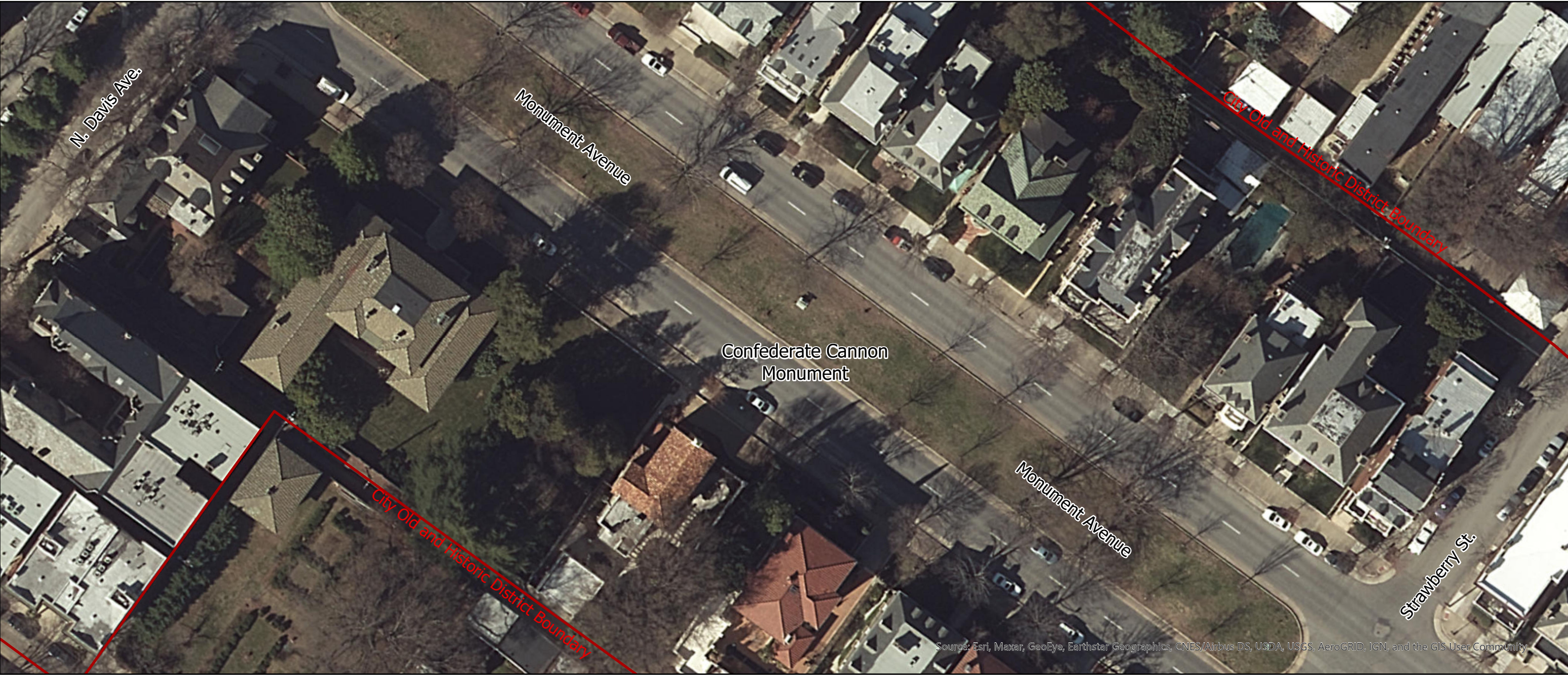


Facing East

Stuart

Monument Avenue City Old & Historic District





Facing South



Facing West



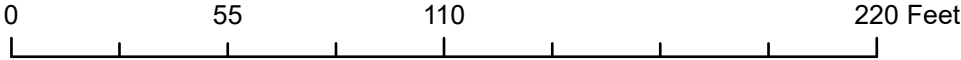
Facing North



Facing East

Cannon

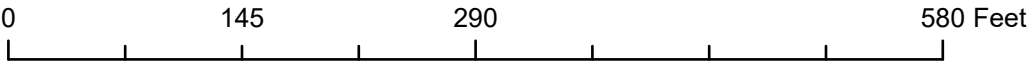
Monument Avenue City Old & Historic District





Davis

Monument Avenue City Old & Historic District





Facing South



Facing West



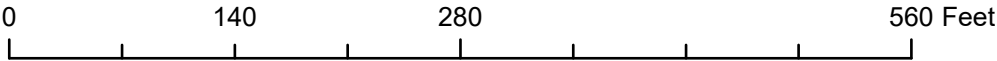
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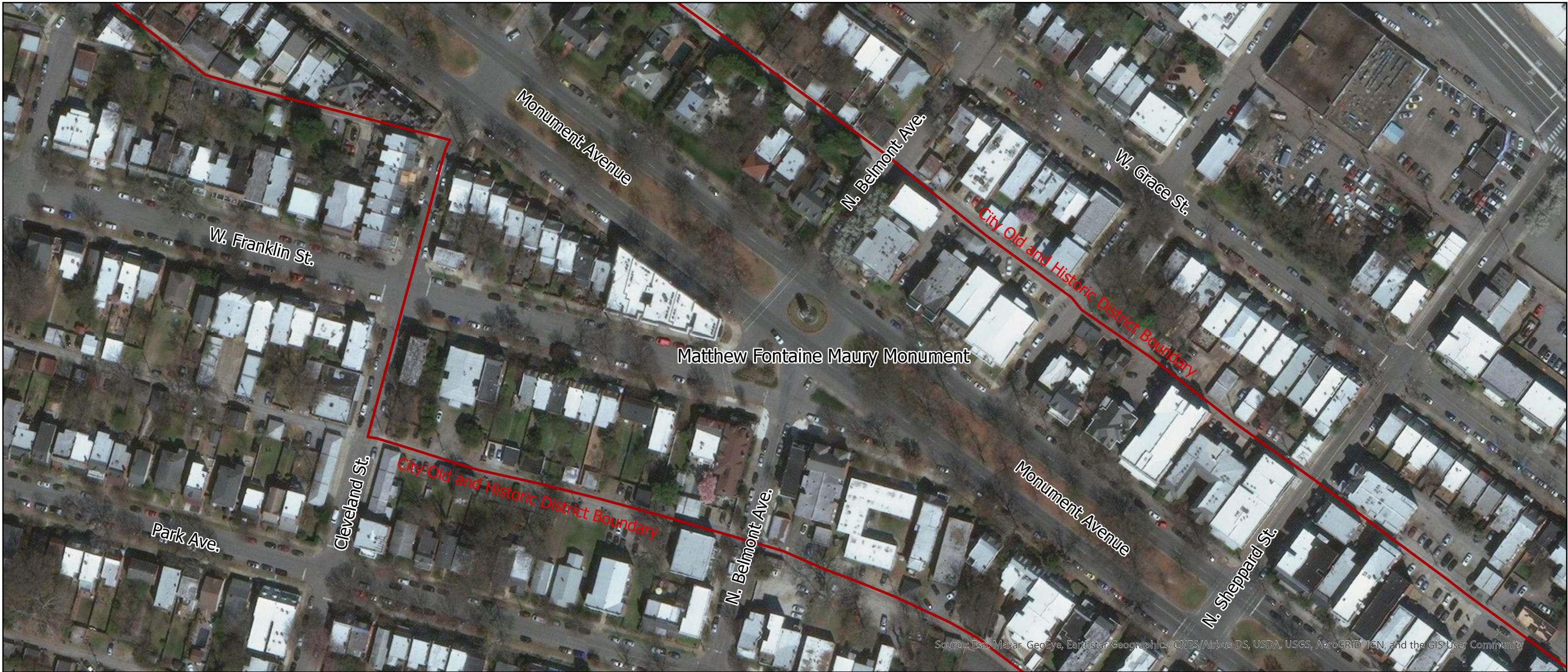


Facing East

Jackson

Monument Avenue City Old & Historic District
Boulevard City Old & Historic District





Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Facing South



Facing West



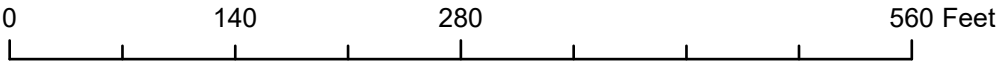
Facing North



Facing East

Maury

Monument Avenue City Old & Historic District



Map by: Ryan Rinn, PRCF
4/21/21



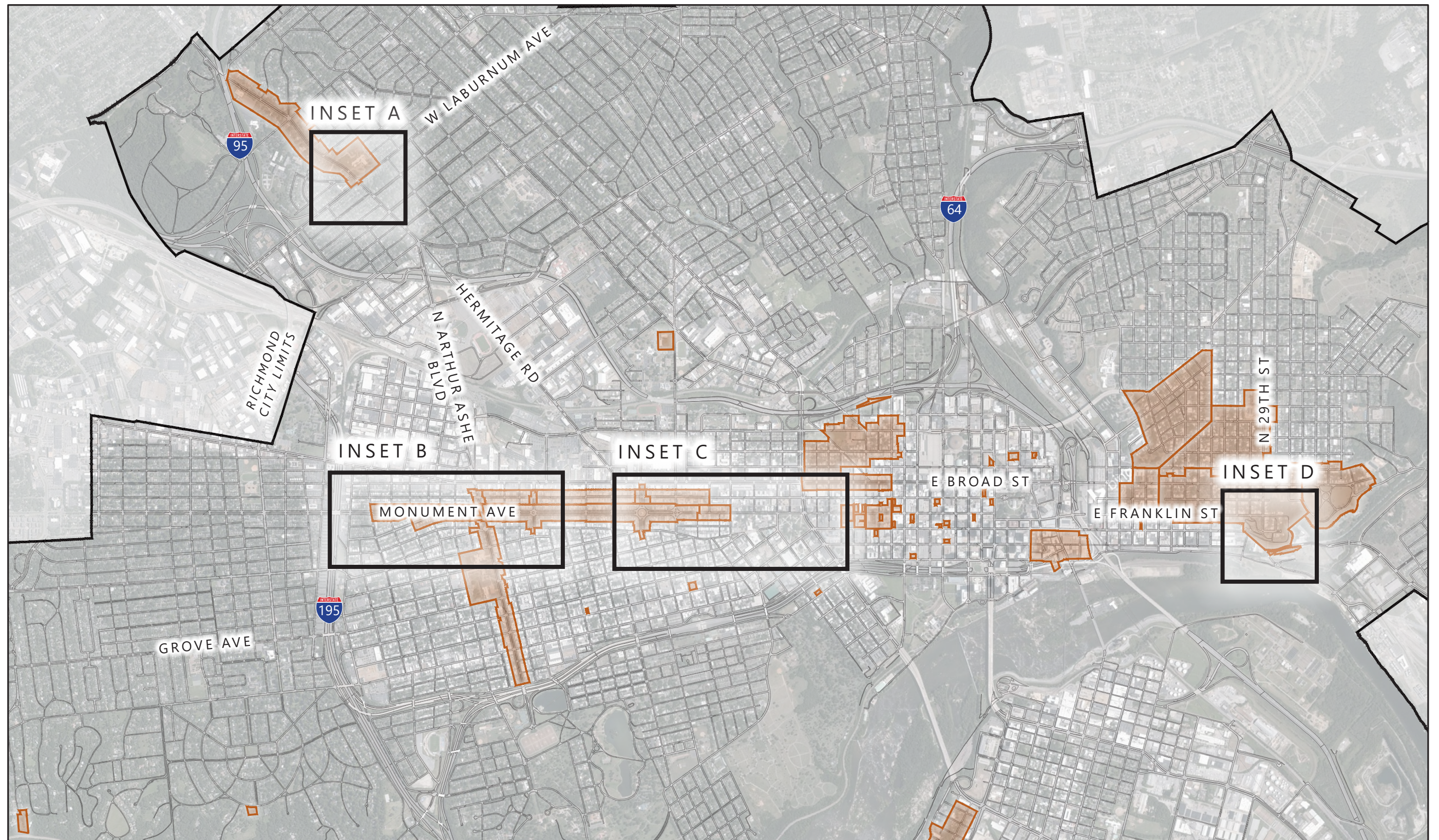
Monument Removal and Temporary Restoration

Richmond, Virginia


April 2021

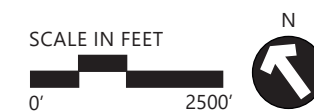


Monument Locations

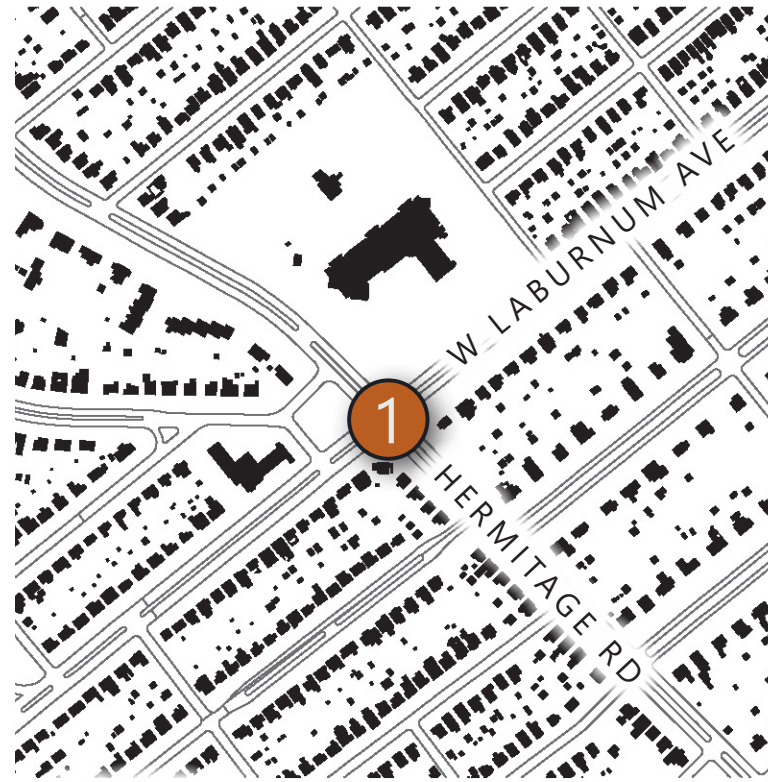


LEGEND

 Old and Historic Districts



Monument Locations



INSET A



INSET B



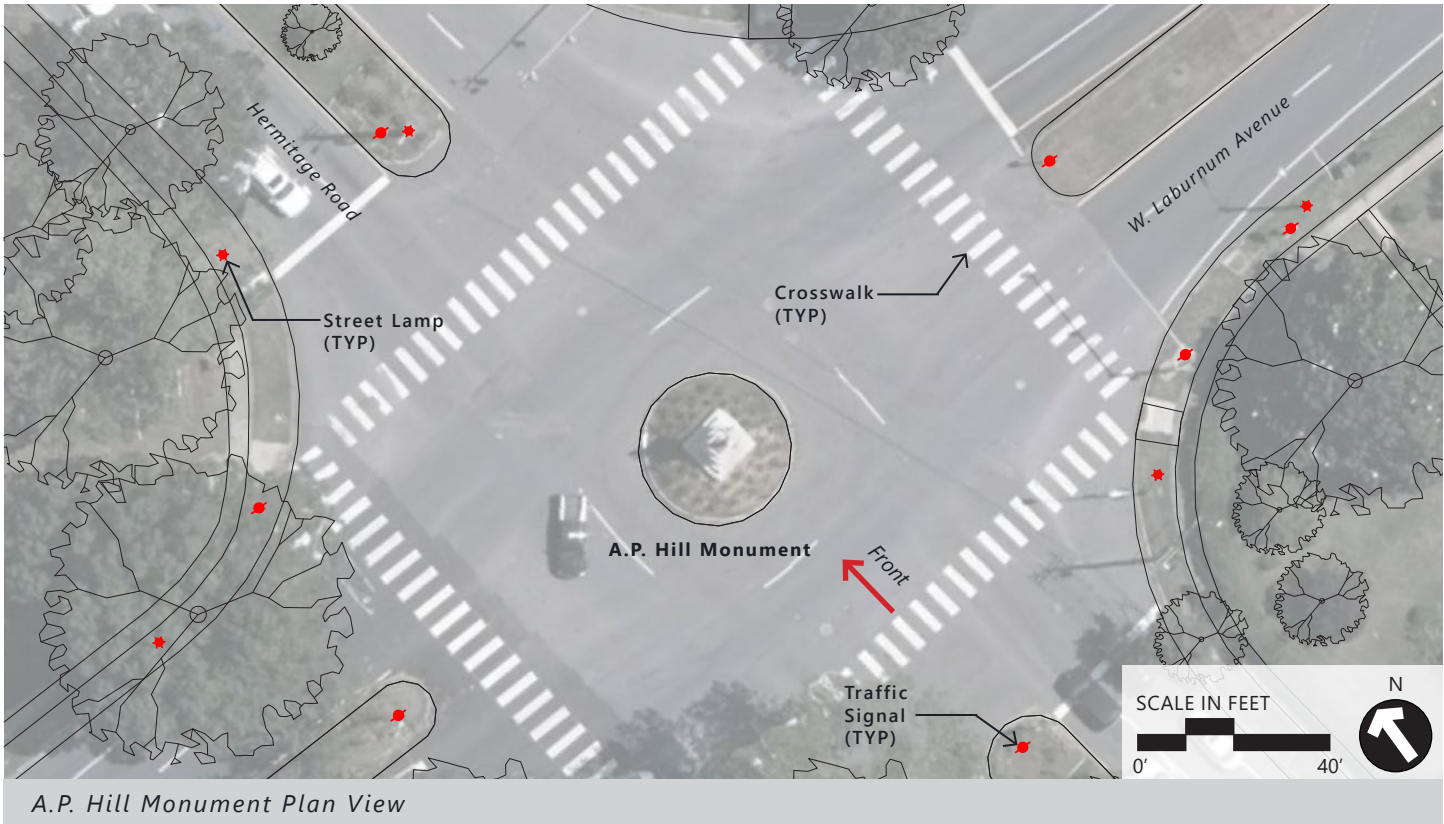
INSET C



INSET D

- | | |
|------------------------------|---|
| ① A.P. Hill Monument | ⑤ Confederate Cannon #1 |
| ② Matthew F. Maury Monument | ⑥ J.E.B. Stuart Monument |
| ③ Stonewall Jackson Monument | ⑦ Confederate Soldiers and Sailors Monument |
| ④ Jefferson Davis Monument | |

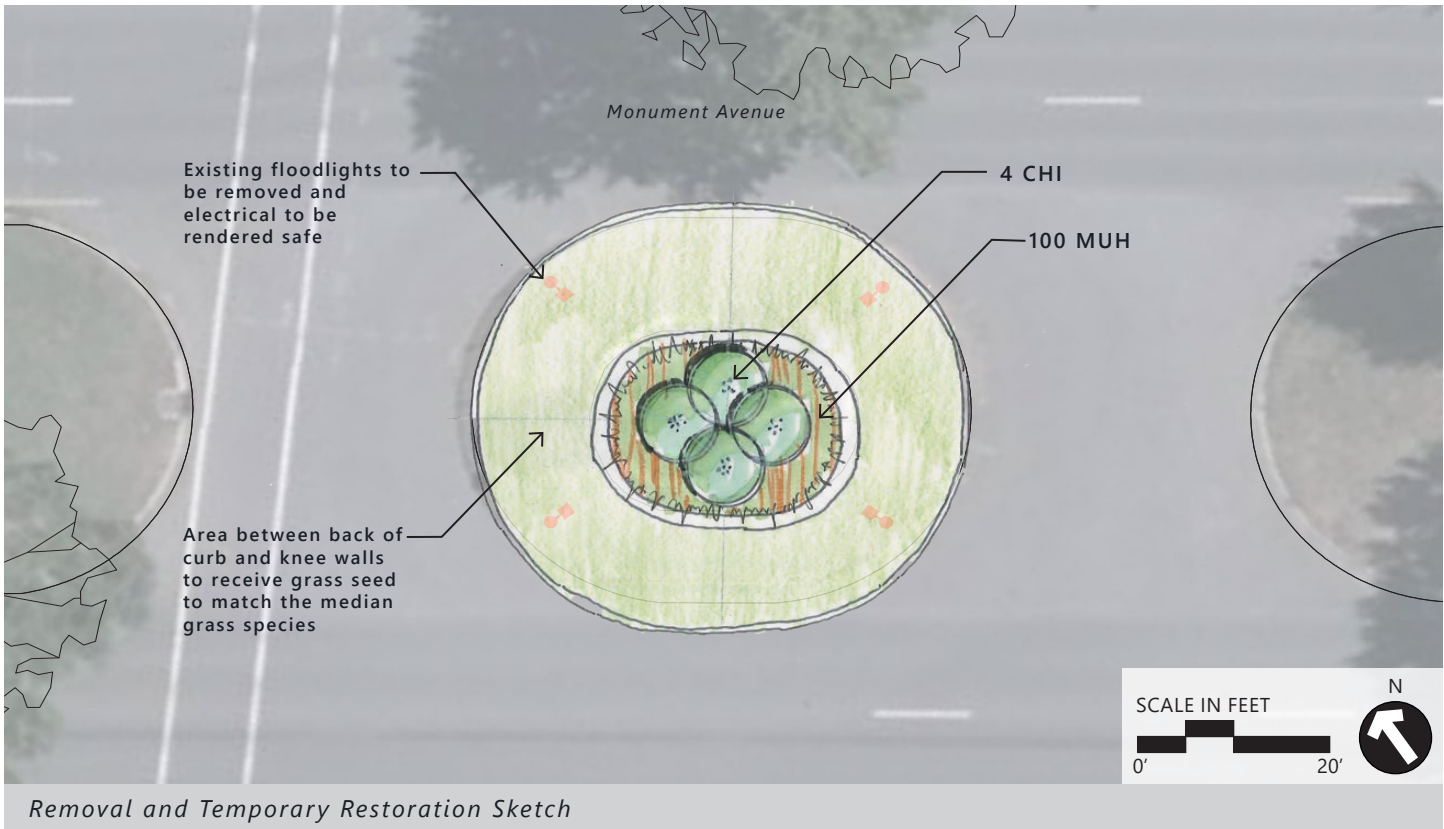
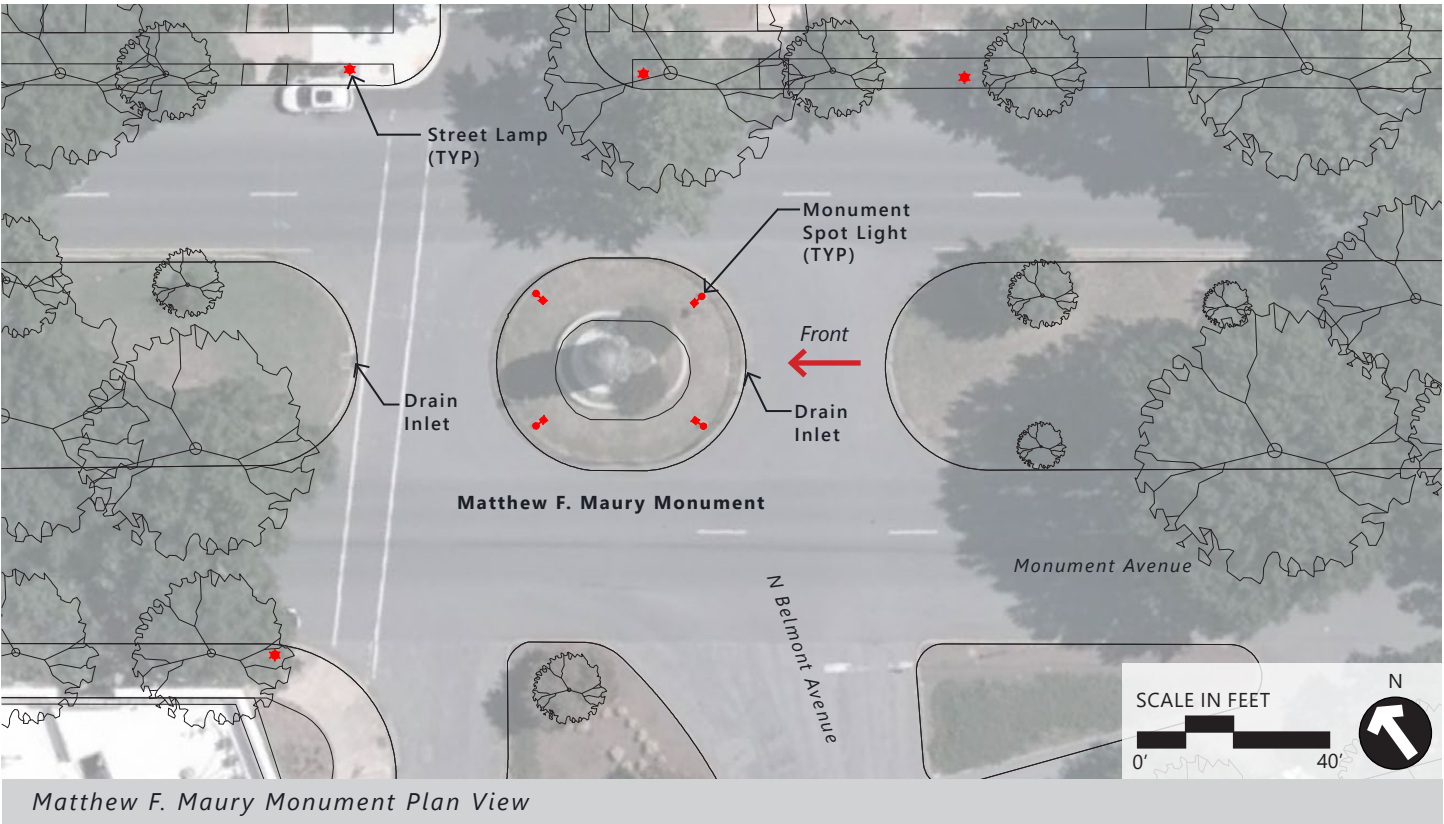




GENERAL NOTES

- 1. Removal of the stone associated with the monument is not part of this document and will be addressed separately.
- 2. Existing median infrastructure to be completely removed and the area paved with asphalt.

Plant List and General Notes



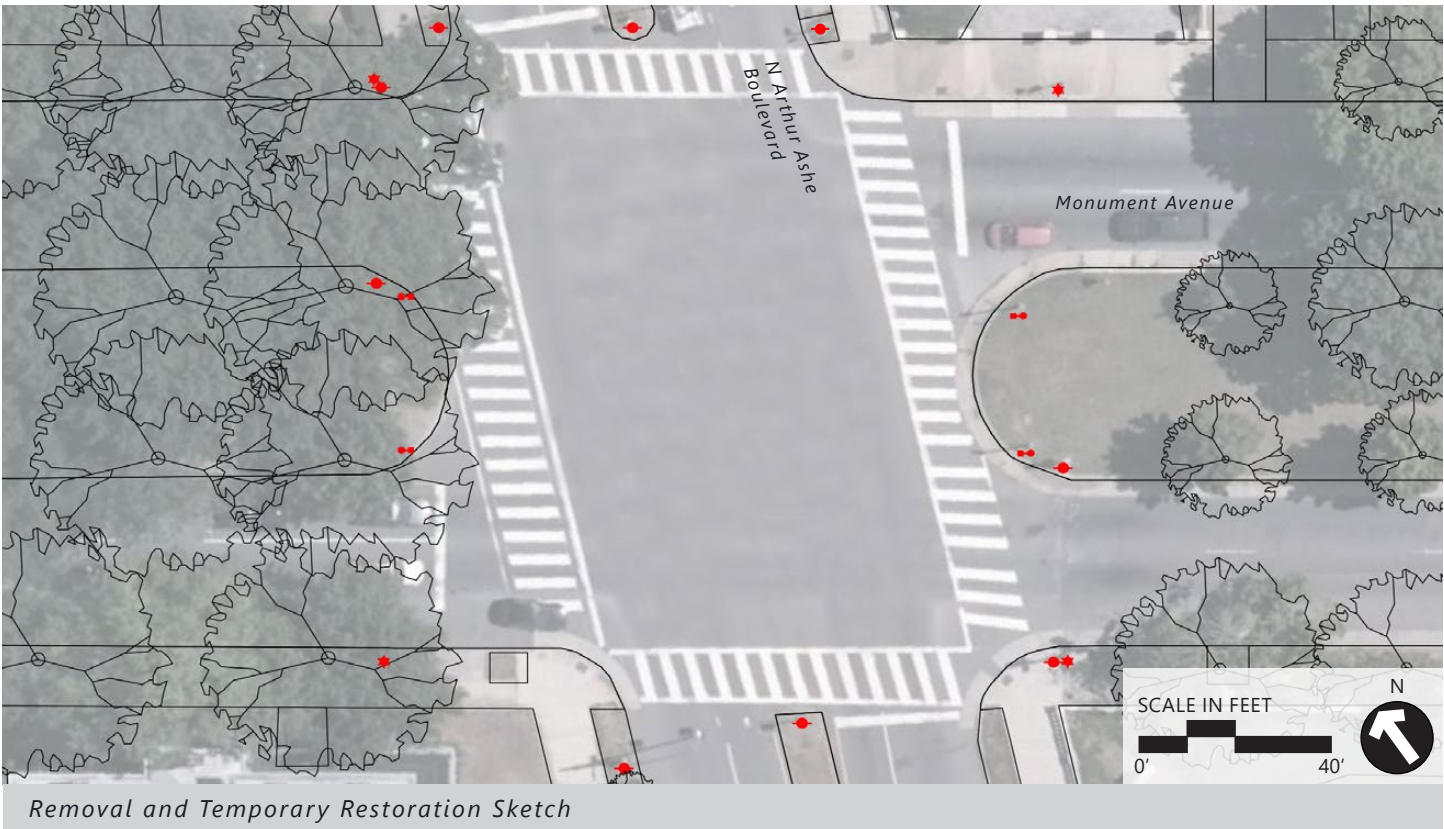
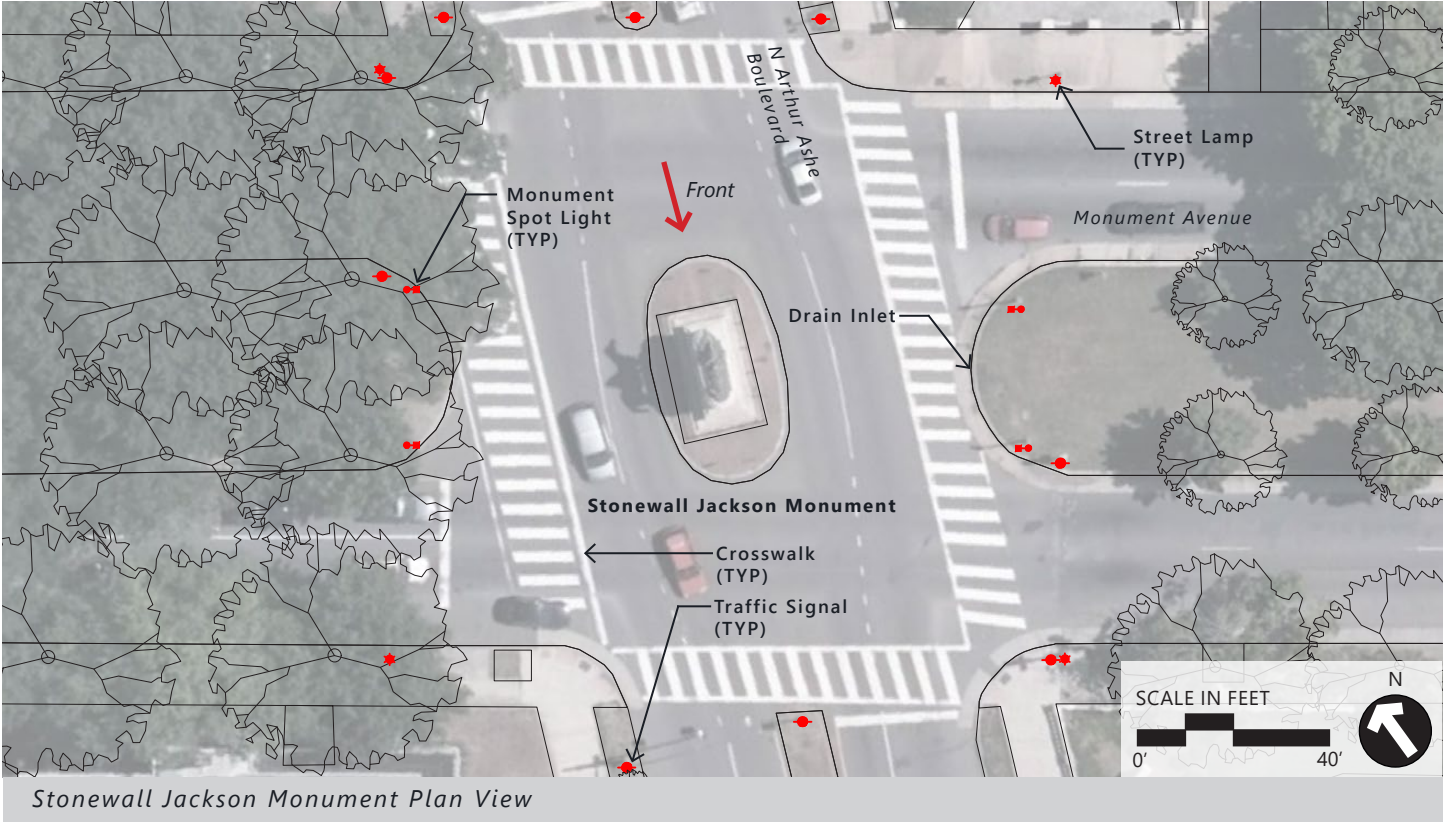
GENERAL NOTES

- 1. Removal of the stone associated with the monument is not part of this document and will be addressed separately.
- 2. The small retaining wall stone to remain in place and the monument and base stones to be removed.
- 3. Grading of the disturbed area should direct rain runoff over the curb and into the roadway stormwater system.

PLANT LIST

Symbol	Qty	Botanical Name	Common Name	Specification
Large Shrubs				
CHI	4	Chionanthus virginicus	White Fringetree	5' Ht., 3'-4' Spr., Multi Stem, As shown
Grasses				
MUH	100	Muhlenbergia capillaris	Pink Muhly Grass	#1, 12" x 8", 24" o.c.

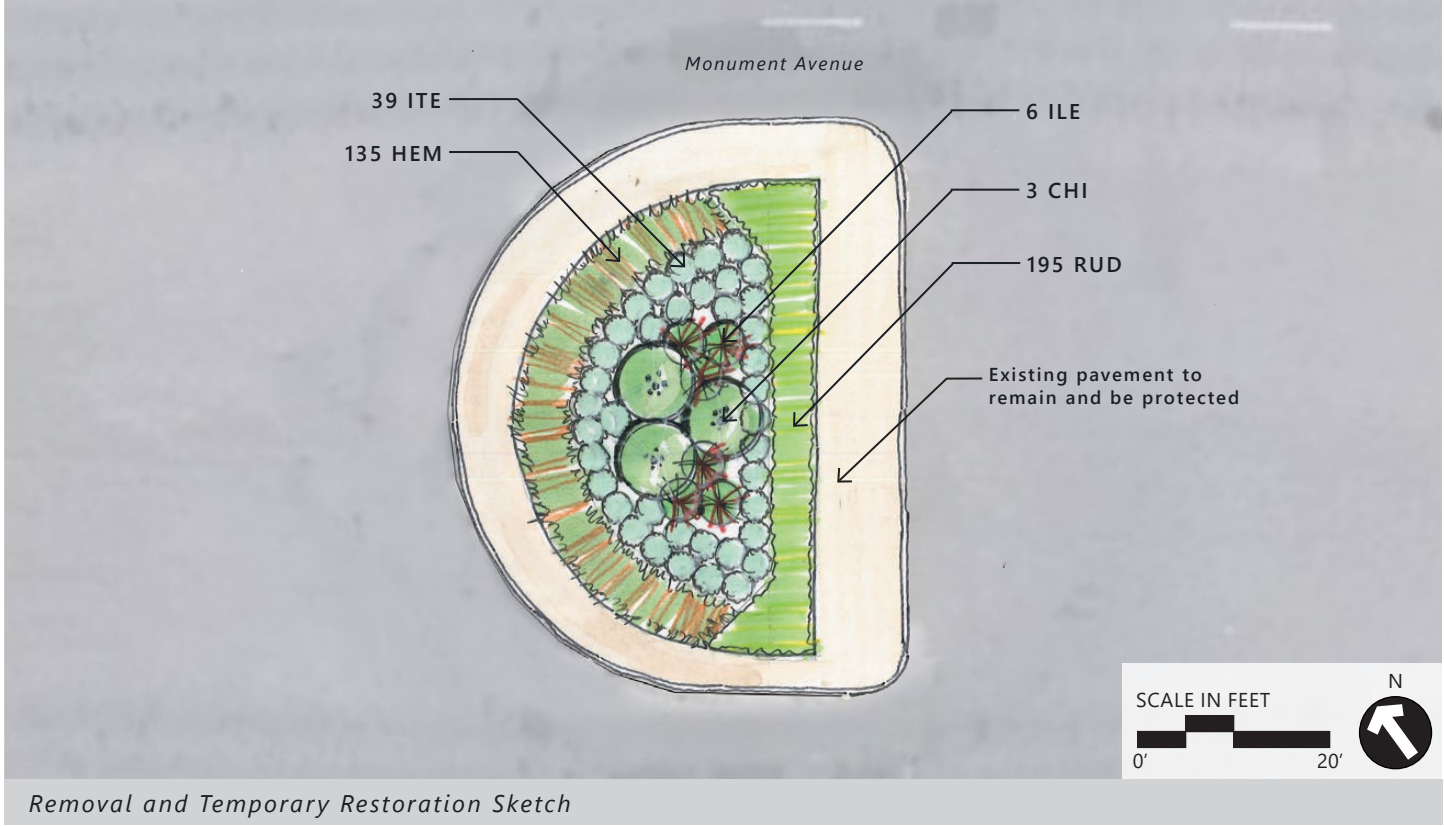
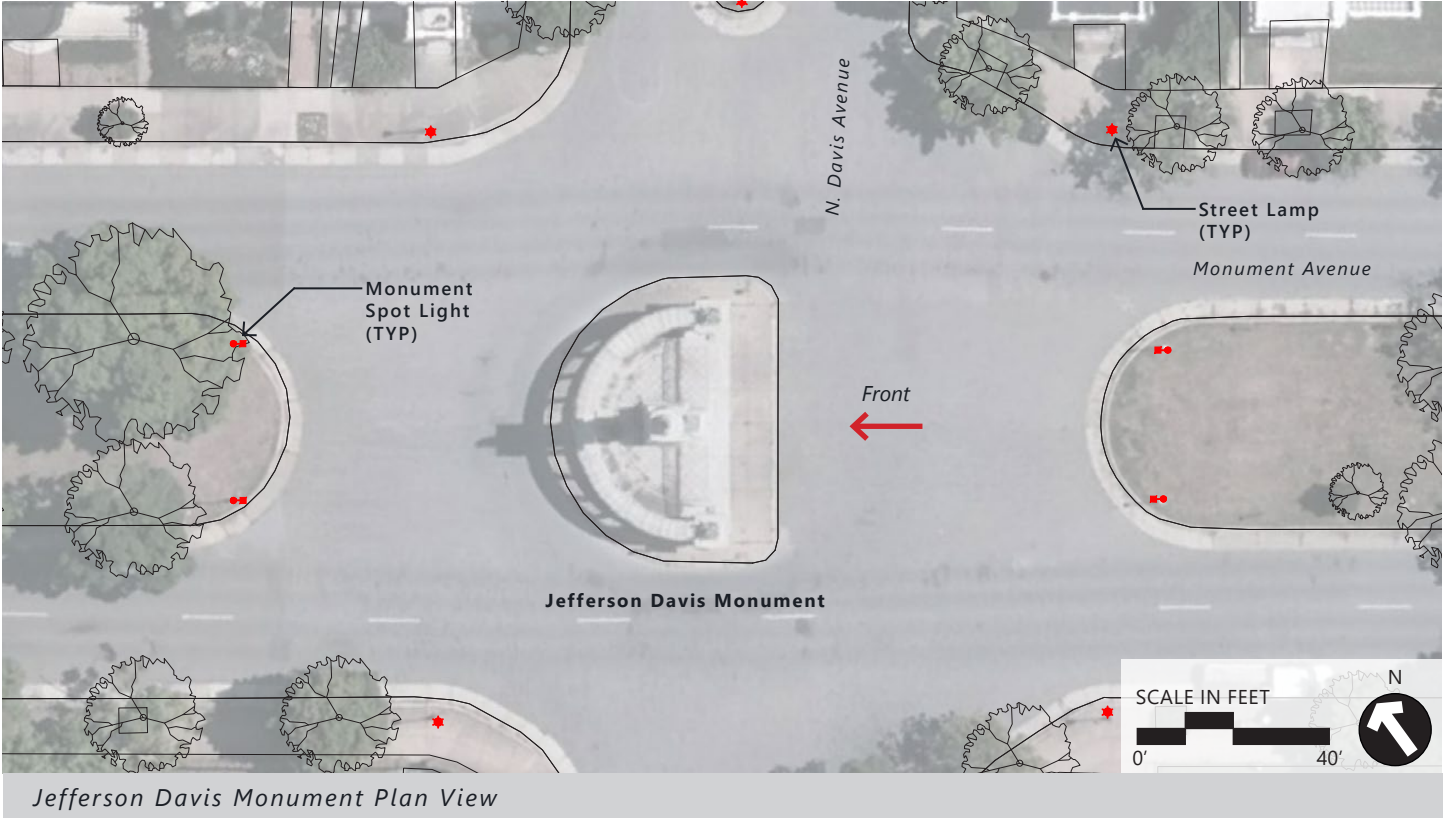
Plant List and General Notes



GENERAL NOTES

1. Removal of the stone associated with the monument is not part of this document and will be addressed separately.
2. Existing median infrastructure to be completely removed and the area paved with asphalt.

Plant List and General Notes



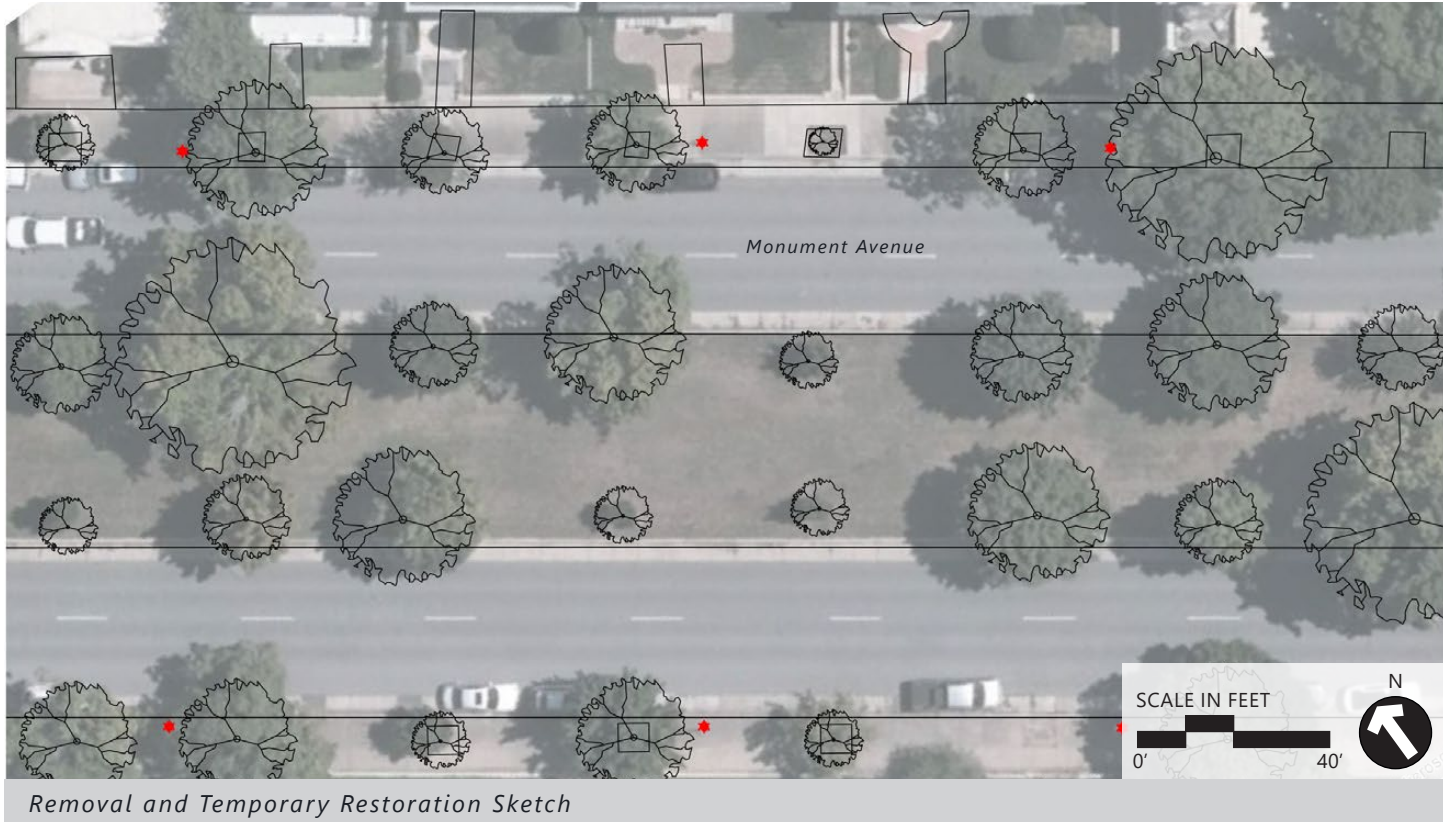
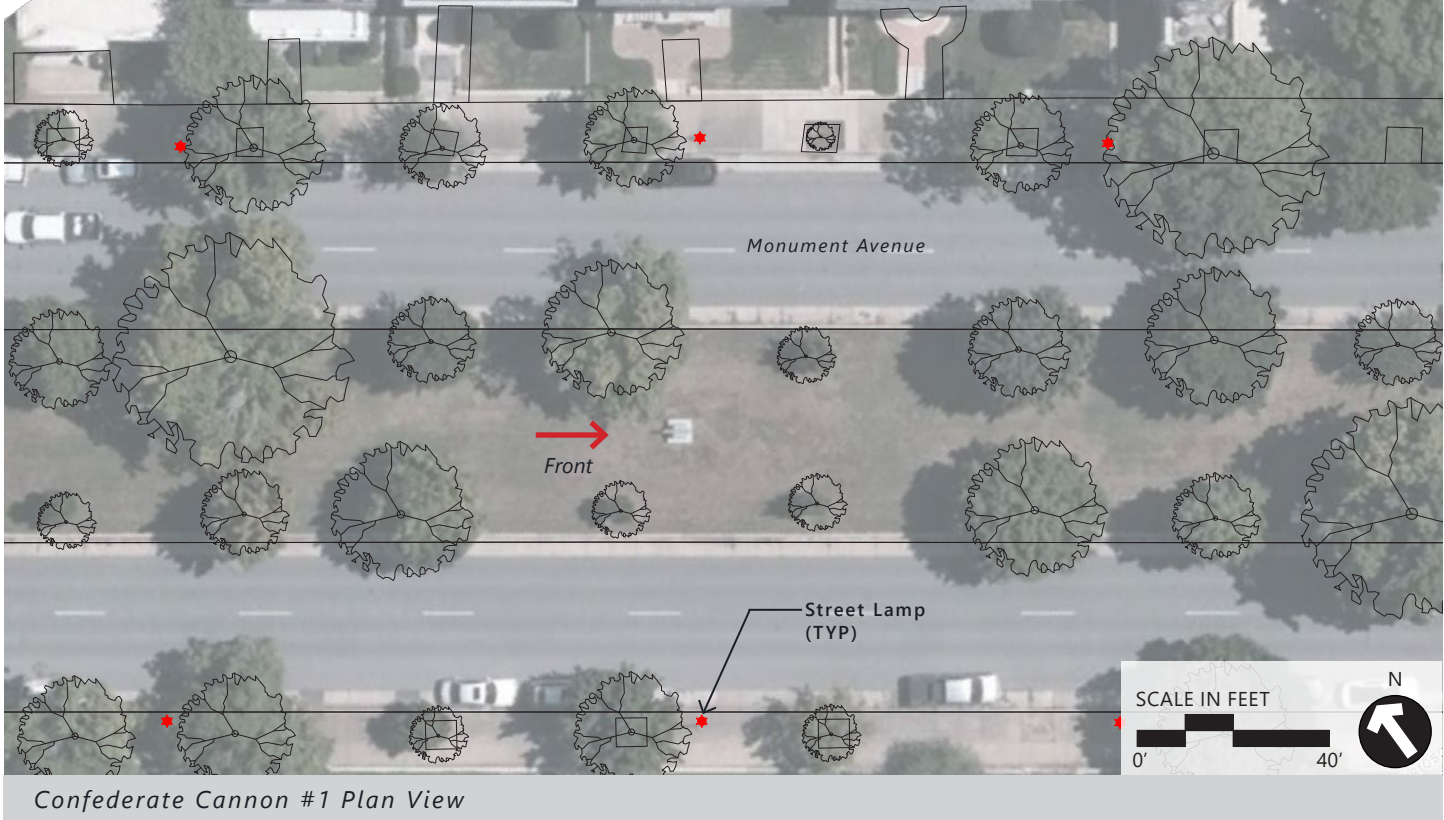
GENERAL NOTES

1. Removal of the stone associated with the monument is not part of this document and will be addressed separately.
2. Grading of the disturbed area should direct rain runoff from the center of the planting area, across the pavement to remain and over the curb and into the roadway stormwater system.

PLANT LIST

Symbol	Qty	Botanical Name	Common Name	Specification
Large Shrubs				
CHI	3	Chionanthus virginicus	White Fringetree	5' Ht., 3'-4' Spr., Multi Stem, As shown
ILE	6	Ilex verticillata	Winterberry	#5, 24" x 18", 48" o.c.
Small Shrubs				
HEM	135	Hemerocallis spp.	Daylily species	#1, 12" x 8", 18" o.c.
ITE	39	Itea virginica 'Henry's Garnet'	Virginia Sweetspire	#3, 15" x 15", 36" o.c.
RUD	195	Rudbeckia fulgida sullivantii 'Goldsturm'	Blackeyed Susan	4" Pots, 10" x 6", 15" o.c.

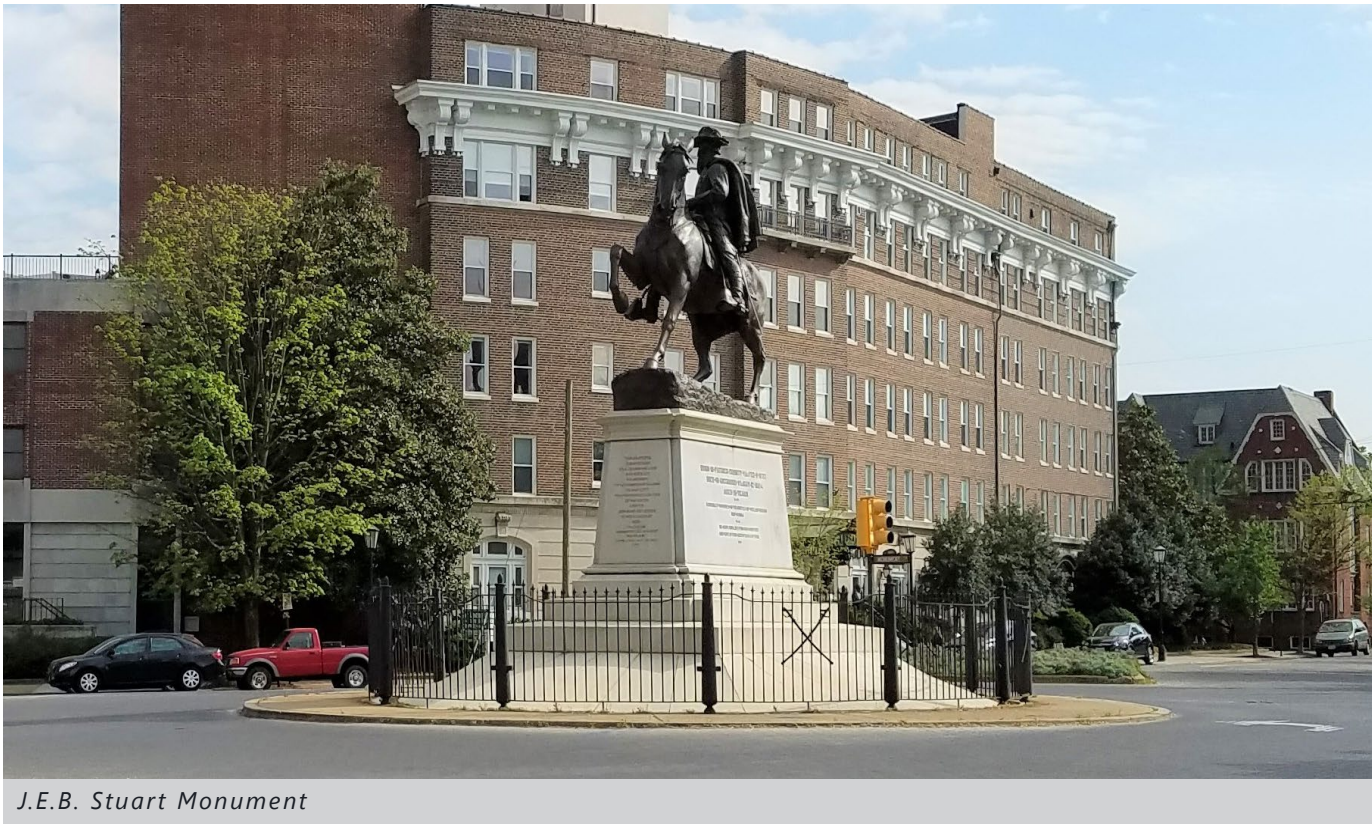
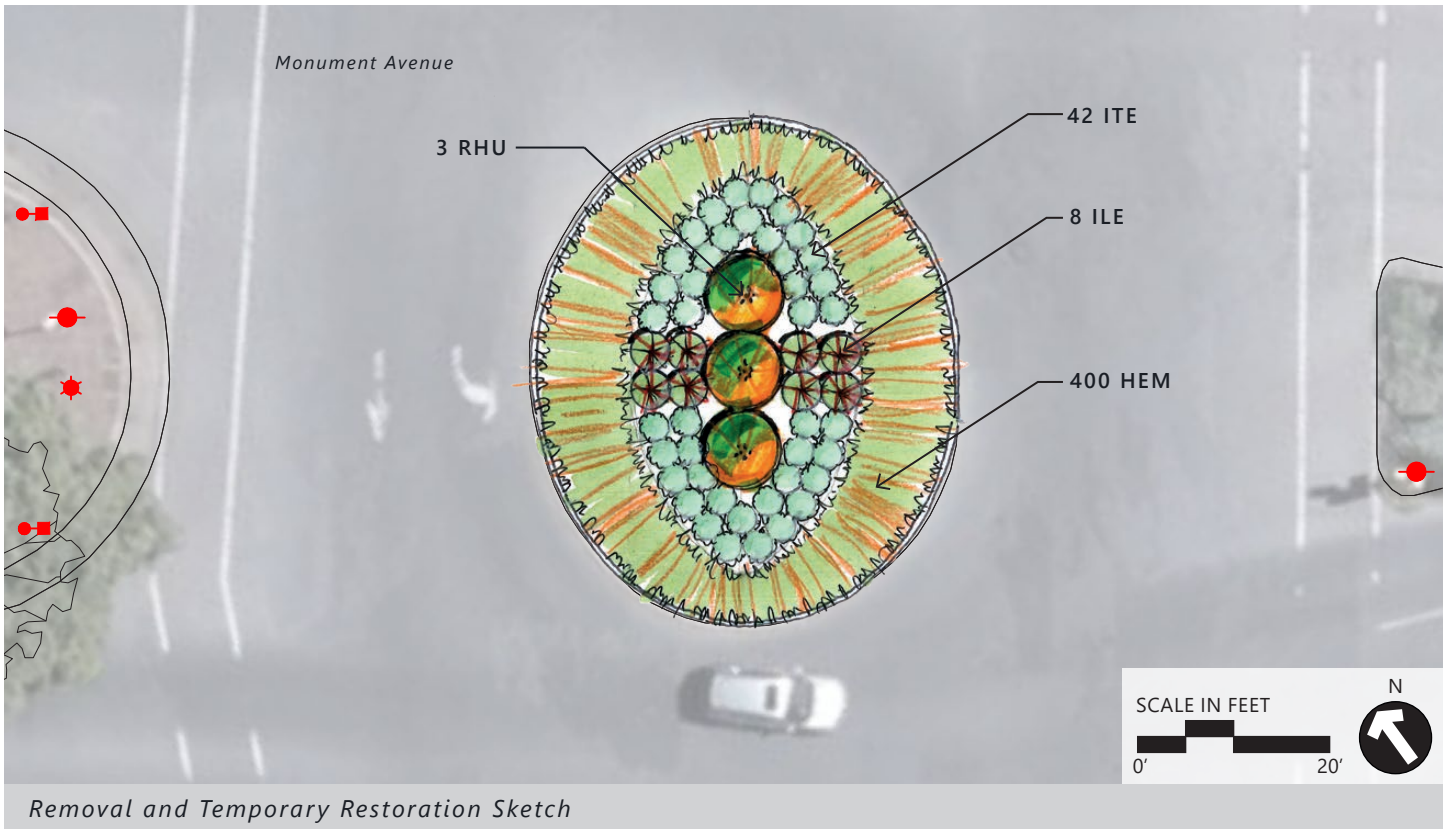
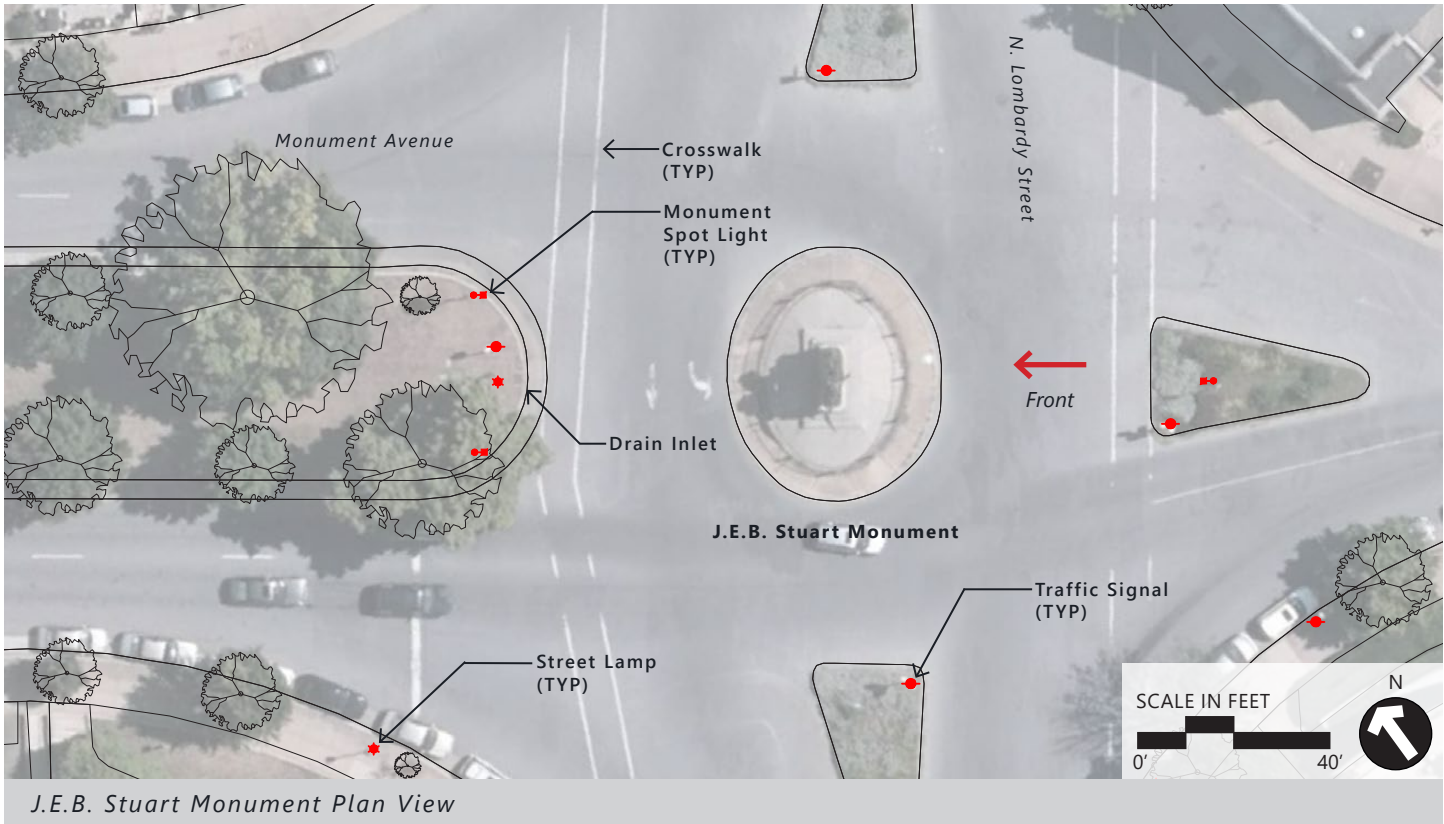
Plant List and General Notes



GENERAL NOTES

1. Removal of the stone associated with the monument is not part of this document and will be addressed separately.
2. The disturbed area following removal of the cannon and base shall be seeded to match the grass species of the surrounding area.

Plant List and General Notes



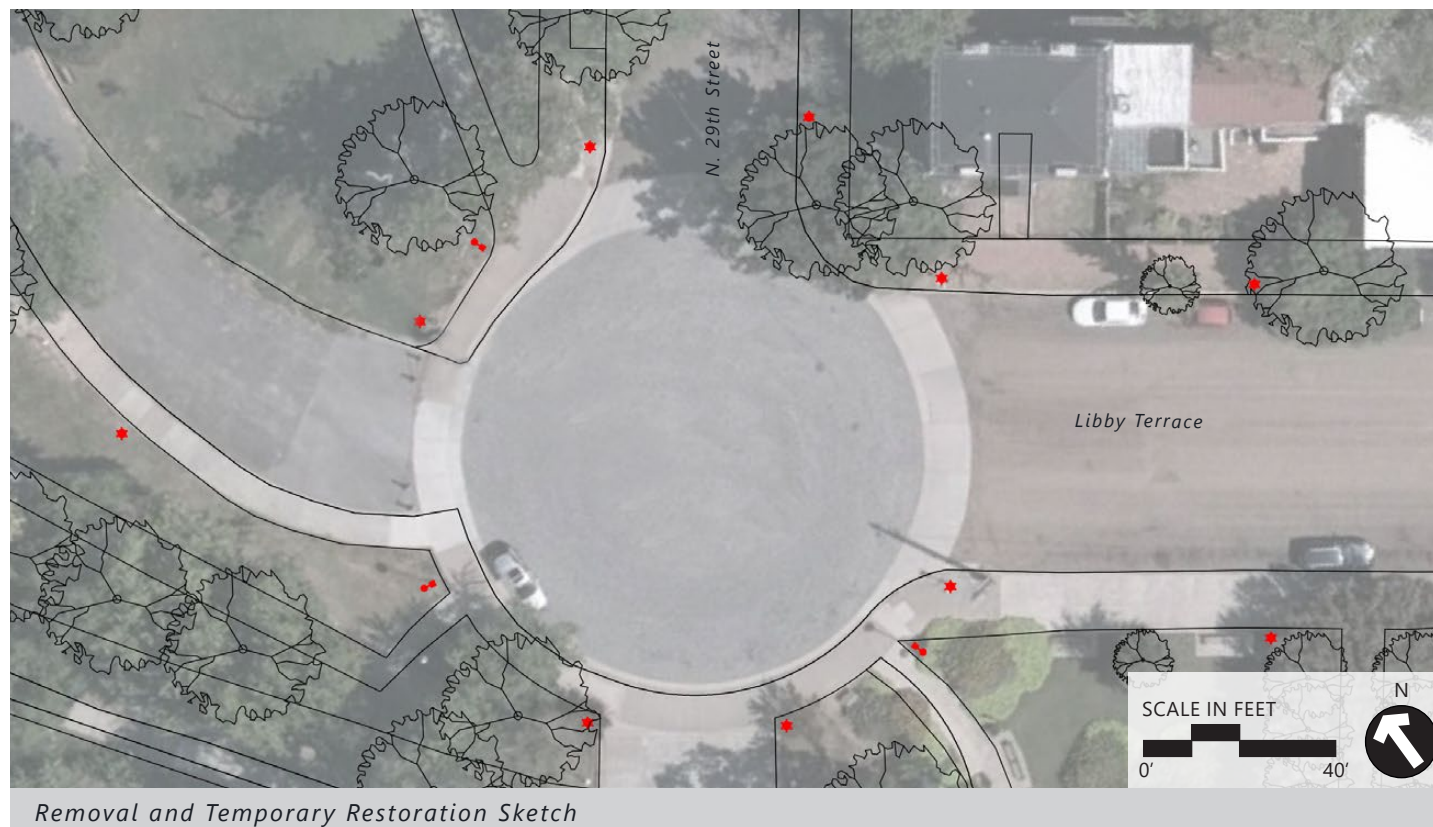
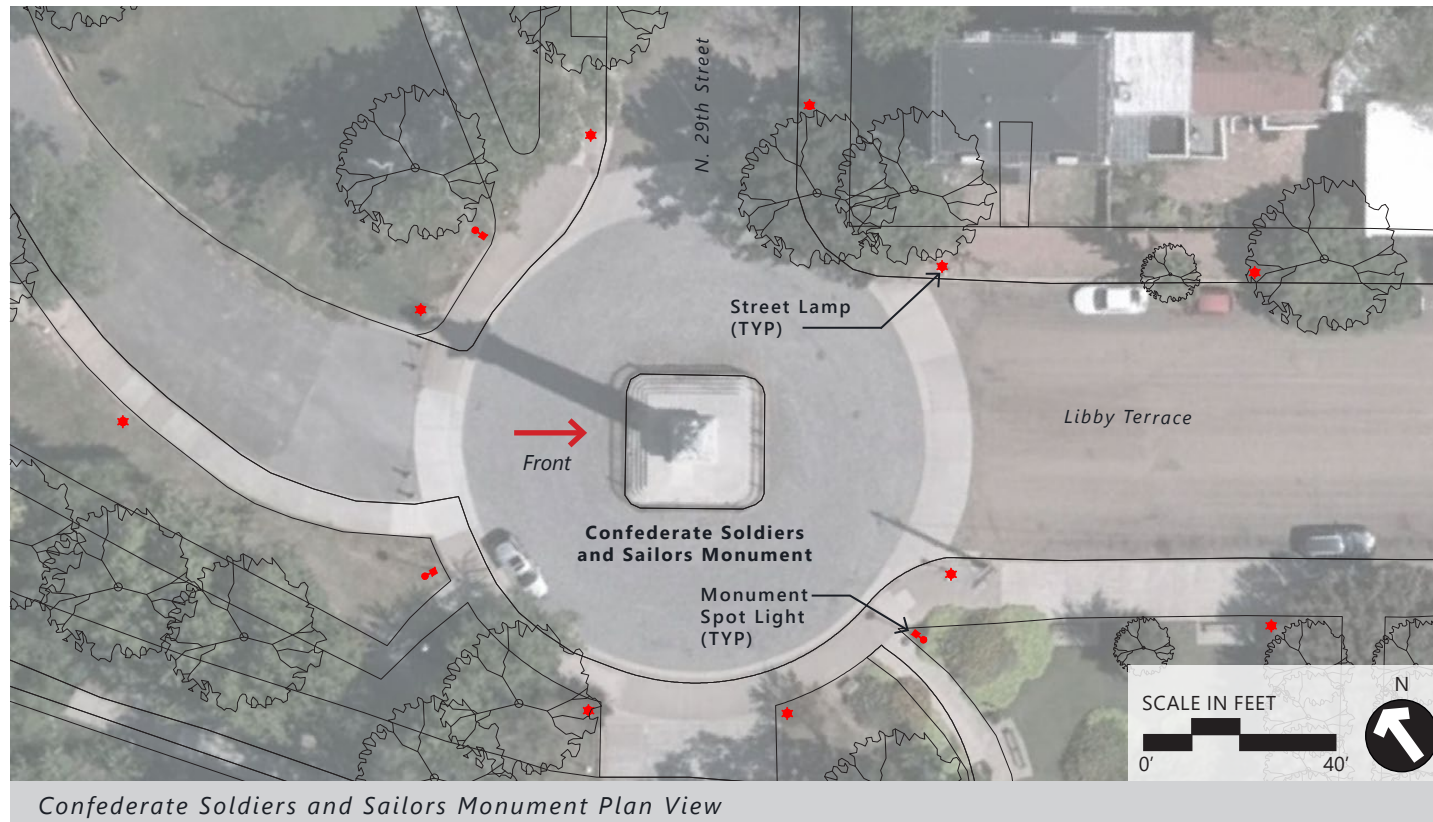
GENERAL NOTES

1. Removal of the stone associated with the monument is not part of this document and will be addressed separately.
2. Grading of the disturbed area should direct rain runoff from the center of the planting area and over the curb and into the roadway stormwater system.

PLANT LIST

Symbol	Qty	Botanical Name	Common Name	Specification
Large Shrubs				
RHU	3	Rhus typhina	Staghorn Sumac	5' Ht., 3'-4' Spr., Multi Stem, As shown
ILE	8	Ilex verticillata	Winterberry	#5, 24" x 18", 48" o.c.
Small Shrubs				
HEM	400	Hemerocallis spp.	Daylily species	#1, 12" x 8", 18" o.c.
ITE	42	Itea virginica 'Henry's Garnet'	Virginia Sweetspire	#7, 20" x 20", 4' o.c.

Plant List and General Notes



GENERAL NOTES

1. Removal of the stone associated with the monument is not part of this document and will be addressed separately.
2. The monument, steps, fence, and curb to be removed and replaced with granite cobblestone paving to match the existing paving from the Department of Public Works inventory.

Plant List and General Notes

Large Shrubs



Chionanthus virginicus
White Fringetree



Ilex verticillata
Winterberry



Rhus typhina
Staghorn Sumac

Small Shrubs



Hemerocallis spp.
Daylily species



Itea virginica 'Henry's Garnet'
Virginia Sweetspire



Rudbeckia fulgida sullivantii 'Goldsturm'
Blackeyed Susan

Grasses



Muhlenbergia capillaris
Pink Muhly Grass

DISASSEMBLY OF A.P. HILL GRAVE MEMORIAL AND THE 5 CONFEDERATE MONUMENT PEDESTAL BASES ON MONUMENT AVENUE

INTRODUCTION:

All six pedestal bases are constructed of granite blocks and plinths.
All have capstones had bronze statuary base plates attached with bronze pins or bolts.
Some capstones may have a lightening rod attachment into and through the pedestal base.
All granite components must be crane lifted with straps for disassembly.

Typically, all stone components are dry laid; any mortar is only applied to hide surface joinery. This mortar is removed prior to lifting by crew using a hand grinder with a stone blade; access is by man-lift. Some of the pedestal bases may have internal/hidden bronze pins or straps which may need to be cut or removed prior to lifting. Holes may need to be drilled into the hidden face of some stone components to allow for pin insertion and lifting access.

Typically, base blocks which square off the foundation are filled with concrete and demolition is required.

A.P. HILL GRAVE MEMORIAL: (For picture, see page 3/3)

Statue Removal:

Unbolt pins or, if necessary, cut out pins from base plate for the release of the statue baseplate. Cut plate will be welded back in place after removal of the statue.

Possible lightening rod and cable may be attached to baseplate and must be cut.

Statue is strapped by chest and arms for crane lift and transported on tire dunnage or pallet with dunnage if required.

Stone removal:

45 block and plinth stones compose the pedestal base, plus a stone and brick sarcophagus below grade. Human remains removal coordinated by Department of Historic resources.

Access:

Ample room in the roundabout intersection for crew and equipment, however this is a heavily trafficked commuter route so security and detour strategy must be planned.

3 day minimum disassembly, likely more depending on contractor's needs.

CONFEDERATE SOLDIER AND SAILOR'S: (For picture, see page 3/3)

Stone removal:

90 ft. height of the column base requires added considerations for wind and weather.

There are 104 stone components, or more; the very large cap stone group (8 stones) and 13 disc stones are very heavy and this removal is made more challenging due to the height.

Five (5) base plinths and 48 slab/plinths total all the stones to grade

Access:

Ample room in the roundabout intersection for crew and equipment; minimal traffic control- resident access only; some security needed at park boundary.

Contractor must appraise time needed for entire removal to grade.

(Continued)

**DISASSEMBLY OF A.P. HILL GRAVE MEMORIAL AND THE 5 CONFEDERATE
MONUMENT PEDESTAL BASES ON MONUMENT AVENUE**

J.E.B. STUART: (For picture, see page 3/3)

Stone removal:

120 block and plinth stones compose the pedestal base: cap stone 2; face plinths 4; architrave (molding) 10; block/plinths 26; slab plinths 28; curb blocks 28.

Access:

Ample room in the roundabout intersection for crew and equipment, however this is a heavily trafficked intersection so security and detour strategy may be extensive.

3 day minimum disassembly, likely more depending on contractor's needs.

Contractor must appraise time needed for entire removal to grade.

JEFFERSON DAVIS: (For picture, see page 3/3)

Stone removal:

Initial removal would likely include the capstone group, column discs and rings and column base plinths; this totals 20 large stone components with multiple bronze stars, letters and a plaque still attached; the Davis bronze statue base totals 6 plinth blocks.

Removal of these 26 large statuary related components would clear the center space for the amphitheater-like structure. Complete removal of the over 300 architectural stone components for this part of the memorial will be a multi-week long project and will require contractor's appraisal for an accurate estimate of time required for such.

STONEWALL JACKSON: (For picture, see page 3/3)

Stone removal:

32 block and plinth stones, some very large, compose this pedestal base. In addition to demolition of interior concrete, the brick pavers and concrete curb will also need to be demolished to remove everything grade.

Access:

Ample room in the roundabout intersection for crew and equipment, however this is a heavily trafficked intersection so security and detour strategy may be extensive.

3 day minimum disassembly, likely more depending on contractor's needs.

Contractor must appraise time needed for entire removal to grade.

MATTHEW FONTAINE MAURY: (For picture, see page 3/3)

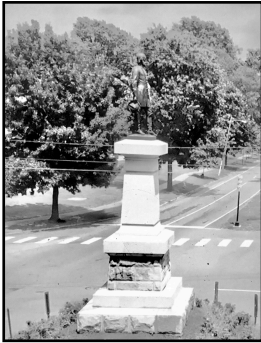
Stone removal:

72 block and plinth stones compose the globe and the statue pedestal bases and curbing.

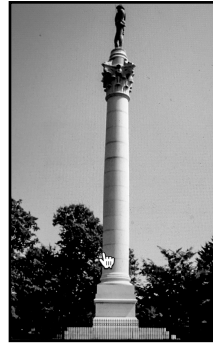
In addition to demolition of interior concrete, the brick pavers and concrete curb will also need to be demolished to remove everything to grade.

(Continued, Confederate Statues Base Pedestal Pictures)
**DISASSEMBLY OF A.P. HILL GRAVE MEMORIAL AND THE 5 CONFEDERATE
MONUMENT PEDESTAL BASES ON MONUMENT AVENUE**

A.P. HILL GRAVE MEMORIAL:



CONFEDERATE SOLDIER AND SAILOR'S :



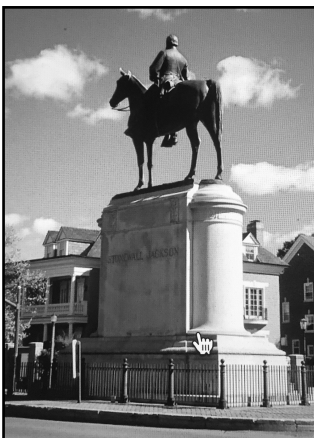
J.E.B. STUART



JEFFERSON DAVIS MEMORIAL



STONEWALL JACKSON:



MATTHEW FONTAINE MAURY:



North Carolina Department of Transportation
Preliminary Estimate

City of Richmond Confederate Monument Location Temporary Treatments
#1 - A.P. Hill Monument

Requested By: Wayne Robinson, PLA - VHB

Date

4/30/2021

Line Item		Description	Quantity	Unit	Price	Amount
1		Mobilization	1	LS	\$ 2,500.00	\$ 2,500.00
2		Maintenance of Traffic	1	LS	\$ 10,000.00	\$ 10,000.00
3		Erosion and Sediment Control/Inlet Protection	1	LS	\$ 5,000.00	\$ 5,000.00
4		Clearing and Grubbing	0	Acres	\$ -	\$ -
5		Supplementary Clearing and Grubbing	0	Acres	\$ -	\$ -
6		Unclassified Excavation	130	CY	\$ 32.00	\$ 4,160.00
7		Borrow Excavation	0	CY	\$ 32.00	\$ -
8		Removal of Existing Asphalt Pavement 8"	0	SY	\$ 115.00	\$ -
9		Removal of Existing Concrete 6"	0	SY	\$ 125.00	\$ -
10		Fine Grading	0	SY	\$ 20.00	\$ -
11		Compacted Fill	30	CY	\$ 30.00	\$ 900.00
12		Base Rock - compacted	20	CY	\$ 60.00	\$ 1,200.00
13		Asphalt - City DPW Standard	88	SY	\$ 110.00	\$ 9,680.00

Estimated Cost \$ 33,440.00

North Carolina Department of Transportation
Preliminary Estimate

City of Richmond Confederate Monument Location Temporary Treatments
#2 - Matthew F. Maury Monument

Requested By: Wayne Robinson, PLA - VHB

Date

4/30/2021

Line Item	Description	Quantity	Unit	Price	Amount
1	Mobilization	1	LS	\$ 2,500.00	\$ 2,500.00
2	Maintenance of Traffic	1	LS	\$ 10,000.00	\$ 10,000.00
3	Erosion and Sediment Control/Inlet Protection	1	LS	\$ 5,000.00	\$ 5,000.00
4	Clearing and Grubbing	0	Acres	\$ -	\$ -
5	Supplementary Clearing and Grubbing	0	Acres	\$ -	\$ -
6	Unclassified Excavation	36	CY	\$ 32.00	\$ 1,152.00
7	Borrow Excavation	0	CY	\$ 32.00	\$ -
8	Removal of Existing Asphalt Pavement 8"	0	SY	\$ 115.00	\$ -
9	Removal of Existing Concrete 6"	0	SY	\$ 125.00	\$ -
10	Fine Grading	54	SY	\$ 20.00	\$ 1,080.00
11	Compacted Fill	0	CY	\$ 30.00	\$ -
12	Planting Mix	40	CY	\$ 50.00	\$ 2,000.00
13	Soil Prep for Sod/Seed	153	SY	\$ 25.00	\$ 3,825.00
14	Sod - Fescue	153	SY	\$ 8.00	\$ 1,224.00
15	Chionanthus virginicus - White Fringetree - 5' Ht., Multi	4	EA	\$ 250.00	\$ 1,000.00
16	Muhlenbergia capillaris - Mhuly Grass - #1	100	EA	\$ 12.00	\$ 1,200.00
15	Mulch	153	LS	\$ 8.00	\$ 1,224.00
16	Watering During Establishment - 90 days - 3 per week	36	EA	\$ 150.00	\$ 5,400.00
Estimated Cost					\$ 35,605.00

North Carolina Department of Transportation
Preliminary Estimate

City of Richmond Confederate Monument Location Temporary Treatments
#3 - Stonewall Jackson Monument

Requested By: Wayne Robinson, PLA - VHB

Date

4/30/2021

Line Item		Description	Quantity	Unit	Price	Amount
1		Mobilization	1	LS	\$ 2,500.00	\$ 2,500.00
2		Maintenance of Traffic	1	LS	\$ 10,000.00	\$ 10,000.00
3		Erosion and Sediment Control/Inlet Protection	1	LS	\$ 5,000.00	\$ 5,000.00
4		Clearing and Grubbing	0	Acres	\$ -	\$ -
5		Supplementary Clearing and Grubbing	0	Acres	\$ -	\$ -
6		Unclassified Excavation	80	CY	\$ 32.00	\$ 2,560.00
7		Borrow Excavation	0	CY	\$ 32.00	\$ -
8		Removal of Existing Asphalt Pavement 8"	0	SY	\$ 115.00	\$ -
9		Removal of Existing Concrete 6"	0	SY	\$ 125.00	\$ -
10		Fine Grading	0	SY	\$ 20.00	\$ -
11		Compacted Fill	40	CY	\$ 30.00	\$ 1,200.00
12		Base Rock - compacted	25	CY	\$ 60.00	\$ 1,500.00
13		Asphalt - City DPW Standard	121	SY	\$ 110.00	\$ 13,310.00

Estimated Cost \$ 36,070.00

North Carolina Department of Transportation
Preliminary Estimate

City of Richmond Confederate Monument Location Temporary Treatments
#4 - Jeffersoon Davis Monument

Requested By: Wayne Robinson, PLA - VHB

Date

4/30/2021

Line Item	Description	Quantity	Unit	Price	Amount
1	Mobilization	1	LS	\$ 2,500.00	\$ 2,500.00
2	Maintenance of Traffic	1	LS	\$ 10,000.00	\$ 10,000.00
3	Erosion and Sediment Control/Inlet Protection	1	LS	\$ 5,000.00	\$ 5,000.00
4	Clearing and Grubbing	0	Acres	\$ -	\$ -
5	Supplementary Clearing and Grubbing	0	Acres	\$ -	\$ -
6	Unclassified Excavation	94	CY	\$ 32.00	\$ 3,008.00
7	Borrow Excavation	0	CY	\$ 32.00	\$ -
8	Removal of Existing Asphalt Pavement 8"	0	SY	\$ 115.00	\$ -
9	Removal of Existing Concrete 6"	0	SY	\$ 125.00	\$ -
10	Fine Grading	142	SY	\$ 20.00	\$ 2,840.00
11	Compacted Fill	0	CY	\$ 30.00	\$ -
12	Planting Mix	94	CY	\$ 50.00	\$ 4,700.00
13	Soil Prep for Sod/Seed	0	SY	\$ 25.00	\$ -
14	Sod - Fescue	0	SY	\$ 8.00	\$ -
15	Chionanthus virginicus - White Fringetree - 5' Ht., Multi	3	EA	\$ 250.00	\$ 750.00
16	Ilex verticillata - Winterberry - #5	6	EA	\$ 65.00	\$ 390.00
	Hemerocallis spp. - Daylily - #1	135	EA	\$ 12.00	\$ 1,620.00
	Itea virginica 'Henery's Garnet' - Virginia Sweetspire - #3	39	EA	\$ 45.00	\$ 1,755.00
	Rudbeckia fulgida 'Goldstrum' - Blackeyed Susan - 4" Pots	195	EA	\$ 8.00	\$ 1,560.00
15	Mulch	142	SY	\$ 8.00	\$ 1,136.00
16	Watering During Establishment - 90 days - 3 per week	36	EA	\$ 150.00	\$ 5,400.00
Estimated Cost					\$ 40,659.00

North Carolina Department of Transportation
Preliminary Estimate

City of Richmond Confederate Monument Location Temporary Treatments
#5 - Confederate Cannon #1

Requested By: Wayne Robinson, PLA - VHB

Date

4/30/2021

Line Item	Description	Quantity	Unit	Price	Amount
1	Mobilization	1	LS	\$ 500.00	\$ 500.00
2	Maintenance of Traffic	1	LS	\$ 1,000.00	\$ 1,000.00
3	Erosion and Sediment Control/Inlet Protection	0	LS	\$ 5,000.00	\$ -
4	Clearing and Grubbing	0	Acres	\$ -	\$ -
5	Supplementary Clearing and Grubbing	0	Acres	\$ -	\$ -
6	Unclassified Excavation	0	CY	\$ 32.00	\$ -
7	Borrow Excavation	0	CY	\$ 32.00	\$ -
8	Removal of Existing Asphalt Pavement 8"	0	SY	\$ 115.00	\$ -
9	Removal of Existing Concrete 6"	0	SY	\$ 125.00	\$ -
10	Fine Grading	0	SY	\$ 20.00	\$ -
11	Compacted Fill	0	CY	\$ 30.00	\$ -
12	Planting Mix	0	CY	\$ 50.00	\$ -
13	Soil Prep for Sod/Seed	4	SY	\$ 25.00	\$ 100.00
14	Sod - Fescue	4	SY	\$ 8.00	\$ 32.00
15	Mulch	0	SY	\$ 8.00	\$ -
16	Watering During Establishment - 60 days - 3 per week	24	EA	\$ 150.00	\$ 3,600.00
Estimated Cost					\$ 5,232.00

North Carolina Department of Transportation
Preliminary Estimate

City of Richmond Confederate Monument Location Temporary Treatments
#6 - J.E.B. Stuart Monument

Requested By: Wayne Robinson, PLA - VHB

Date

4/30/2021

Line Item	Description	Quantity	Unit	Price	Amount
1	Mobilization	1	LS	\$ 2,500.00	\$ 2,500.00
2	Maintenance of Traffic	1	LS	\$ 10,000.00	\$ 10,000.00
3	Erosion and Sediment Control/Inlet Protection	1	LS	\$ 5,000.00	\$ 5,000.00
4	Clearing and Grubbing	0	Acres	\$ -	\$ -
5	Supplementary Clearing and Grubbing	0	Acres	\$ -	\$ -
6	Unclassified Excavation	136	CY	\$ 32.00	\$ 4,352.00
7	Borrow Excavation	0	CY	\$ 32.00	\$ -
8	Removal of Existing Asphalt Pavement 8"	0	SY	\$ 115.00	\$ -
9	Removal of Existing Concrete 6"	0	SY	\$ 125.00	\$ -
10	Fine Grading	207	SY	\$ 20.00	\$ 4,140.00
11	Compacted Fill	0	CY	\$ 30.00	\$ -
12	Planting Mix	136	CY	\$ 50.00	\$ 6,800.00
13	Soil Prep for Sod/Seed	0	SY	\$ 25.00	\$ -
14	Sod - Fescue	0	SY	\$ 8.00	\$ -
15	Rhus typhina - Staghorn Sumac - 5' Ht., Multi	3	EA	\$ 250.00	\$ 750.00
16	Ilex verticillata - Winterberry - #5	8	EA	\$ 65.00	\$ 520.00
	Hemerocallis spp. - Daylily - #1	400	EA	\$ 12.00	\$ 4,800.00
	Itea virginica 'Henery's Garnet' - Virginia Sweetspire - #3	42	EA	\$ 45.00	\$ 1,890.00
15	Mulch	207	SY	\$ 8.00	\$ 1,656.00
16	Watering During Establishment - 90 days - 3 per week	36	EA	\$ 150.00	\$ 5,400.00
Estimated Cost					\$ 47,808.00

North Carolina Department of Transportation
Preliminary Estimate

City of Richmond Confederate Monument Location Temporary Treatments
#7 - Confederate Soldiers and Sailors Monument

Requested By: Wayne Robinson, PLA - VHB

Date

4/30/2021

Line Item		Description	Quantity	Unit	Price	Amount
1		Mobilization	1	LS	\$ 2,500.00	\$ 2,500.00
2		Maintenance of Traffic	1	LS	\$ 5,000.00	\$ 5,000.00
3		Erosion and Sediment Control/Inlet Protection	1	LS	\$ 5,000.00	\$ 5,000.00
4		Clearing and Grubbing	0	Acres	\$ -	\$ -
5		Supplementary Clearing and Grubbing	0	Acres	\$ -	\$ -
6		Unclassified Excavation	58	CY	\$ 32.00	\$ 1,856.00
7		Borrow Excavation	0	CY	\$ 32.00	\$ -
8		Removal of Existing Asphalt Pavement 8"	0	SY	\$ 115.00	\$ -
9		Removal of Existing Concrete 6"	0	SY	\$ 125.00	\$ -
10		Fine Grading	0	SY	\$ 20.00	\$ -
11		Compacted Fill	30	CY	\$ 30.00	\$ 900.00
12		Base Rock - compacted	20	CY	\$ 60.00	\$ 1,200.00
13		Cobblestone Installation - from DPW inventory	88	SY	\$ 200.00	\$ 17,600.00

Estimated Cost \$ 34,056.00