

REQUIRED PROJECT SHOWING MINUTES

Project No. 0029-000-859, C501, B605

UPC No. 109813

PROJECT SHOWING MINUTES

Rosslyn Circle Improvements, WB Lee Hwy. - US 29

Project No. 0029-000-859, C501, B605 | UPC No. 109813

April 6, 2017 | 10:30 a.m. | 1911 North Fort Myer Drive, LL-10, Arlington, VA

Introduction

Charles Harvey, PE – Area Construction Engineer

Charles Harvey opened the meeting and welcomed all in attendance. He reviewed the following:

- Showing Agenda.
- Everyone must sign the attendance sheet.
- Questions would be entertained at the end of the presentation.

Mr. Harvey covered the **agenda** for the showing:

- Project Overview
- Design Features
- Construction Features
- Environmental
- Utility Features
- Project Controls / Contract & Schedule
- Questions and Answers (attendees asking questions should identify themselves and the company they represent)

The **design and construction team** was introduced as follows:

VDOT Construction Management

Area Construction Engineer – Charles Harvey, PE

Construction Manager – Dennis Irvin, VDOT

Design Team:

VDOT Design Project Coordinator – Khalid Gandhi, PE

Toole Design Group – Designer Engineer of Record – Bill Schultheiss, PE

Presenting Today:

Tom Hutchings – Arlington County DOT Capital Projects Manager

Eric Mongelli, PE – Toole Design Group

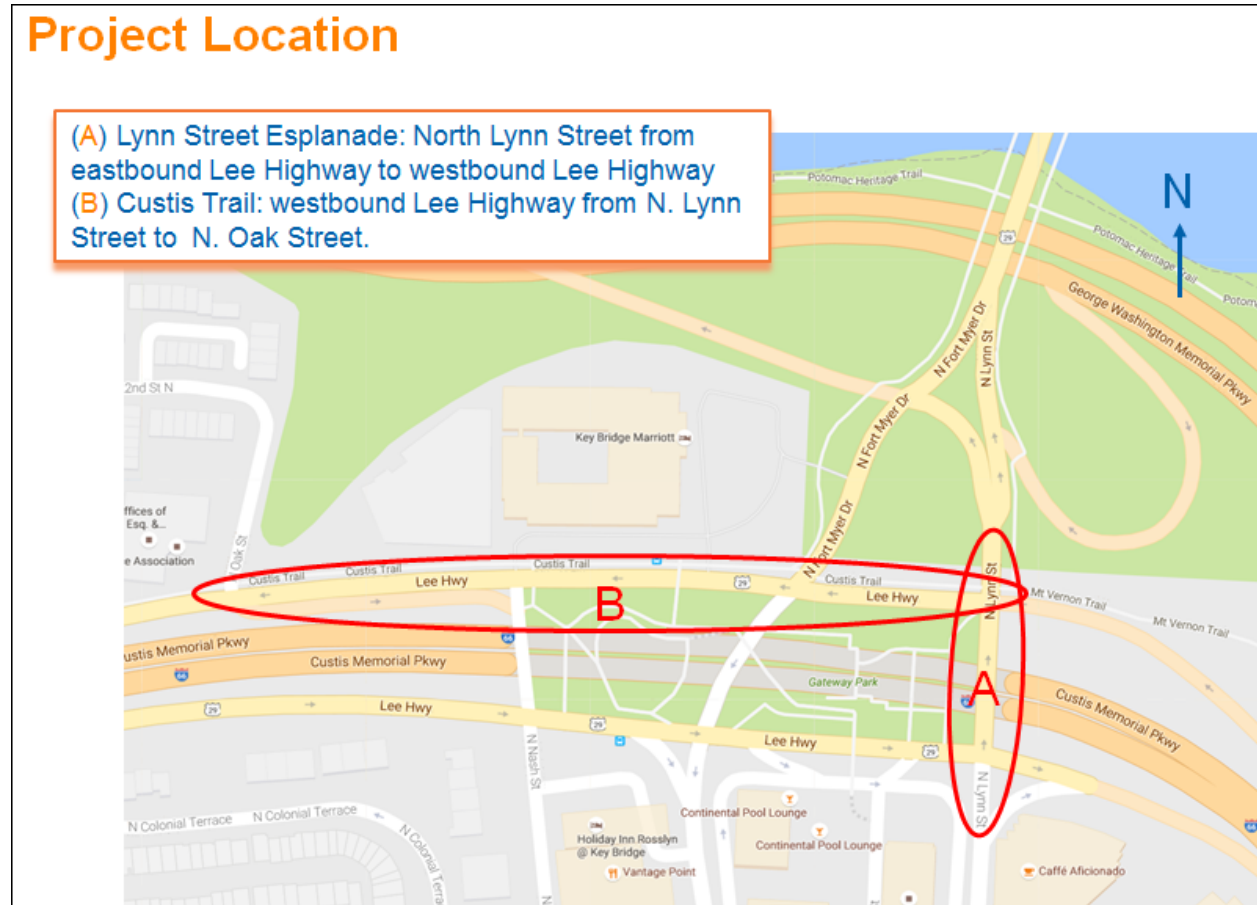
Charles Harvey, PE – VDOT ACE

Brady Redwine – VDOT Utilities Manager

Project Overview

Tom Hutchings – Arlington County

Tom Hutchings started with an overview of the project:



- The Lynn Street Esplanade and Custis Trail Improvements project is a pedestrian and bicycle safety, traffic management and street beautification initiative located in Rosslyn.
- The project incorporates findings from the 1999 Esplanade Study, the 2003 Rosslyn Circle Safety Study and the 2006 Lynn Street Esplanade Preliminary Design Study.

Design Features

Eric Mongolli, PE – Toole Design Group

Eric Mongolli continued with an overview of the design features:

- Both, location (A) Lynn Street Esplanade and location (B) Custis Trail are within the scope of the project

The Lynn Street Esplanade (A)

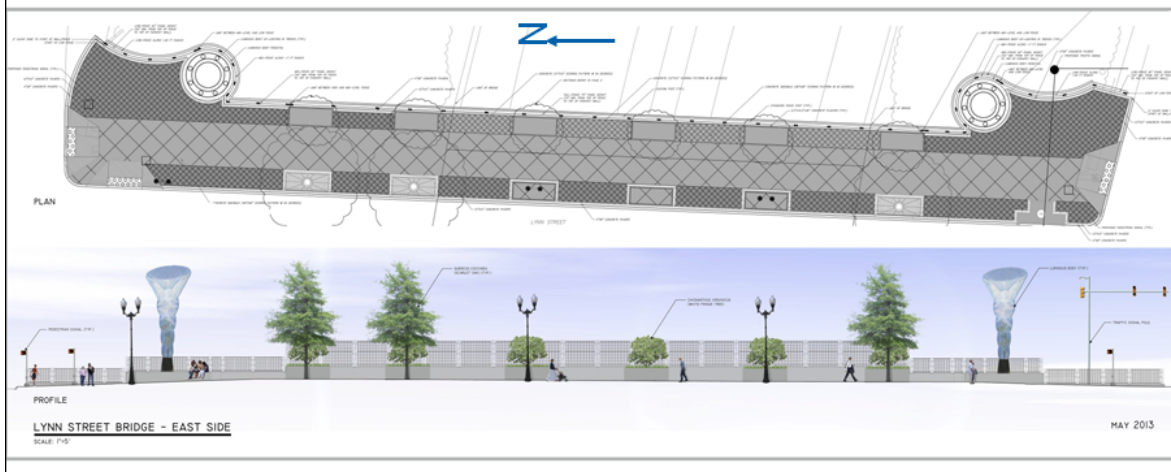
- **Project includes:**

- Widened sidewalks and larger pedestrian and bike waiting areas
- 11' traffic lanes
- Upgraded traffic signals and new signage
- On-street bike lane on Lynn Street
- Upgraded street lights
- Custom fencing
- Landscaping
- “Corridor of Light” public art elements at the four corners of the I-66 bridge (By others)



(A) Lynn Street Esplanade
(B) Custis Trail

East Side of Lynn Street Improvements (A)



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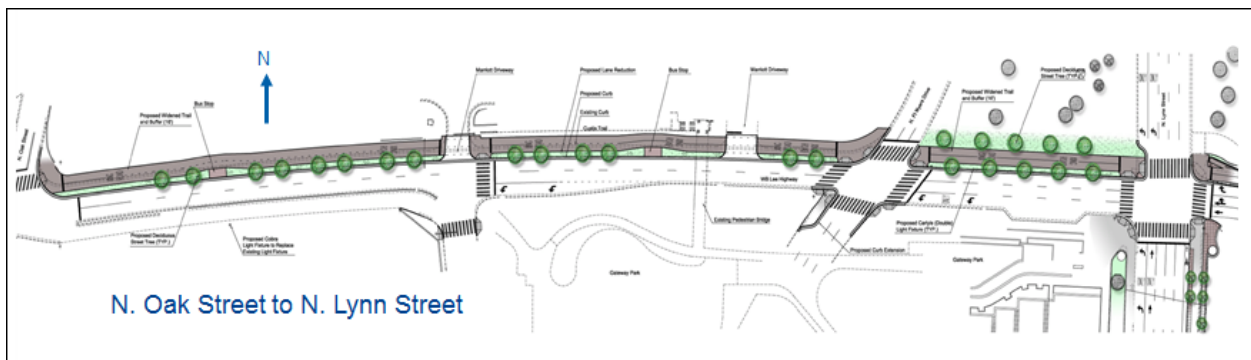
- Public Art - Luminous Body will be installed under a different contract by a different contractor. Only their foundations and accessories are within the scope of this contract. Check contract for full scope.
- Structural challenges due to existing bridges
- Semi-custom fence specific details for post and mesh

Custis Trail Improvements (B)



(A) Lynn Street Esplanade
(B) Custis Trail

- **Project area includes:**
 - **Bicycle and pedestrian facility upgrades**
 - **Intersection improvement at Lee Highway and N. Lynn Street**
 - **Trail widening to 16'**
 - **Increased trail separation from traffic**
 - **Westbound lane reduction from Ft. Myer to N. Oak Street**
 - **Curb extensions and wider curb ramps**
 - **New traffic and dedicated bike signals**
 - **New streetlights on both sides of westbound Lee Highway**



- Proposed 16' wide trail with 8' buffer (existing 10' wide & 3' buffer)
- Two 11' wide lanes on westbound Lee Hwy.
- Barrier removed for improved visibility of trail users
- Coordination with local businesses.
- Intersection improvements at Custis Trail and Lynn St., Fort Myer Dr., and Marriot Entrance
- The contract will have an addendum
- Utility line relocation
- NPS property is out of the LOD

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Construction Features

Charles Harvey – VDOT ACE

Charles Harvey emphasized on safety:

- Uphold all applicable standards and regulations
- Maintain pedestrian and bicycle access at all time
- Safe and clean job sites

He continued with:

- Follow the contract construction phases when preparing the bids.
- Be a good neighbor
- Must have a Preconstruction meeting with Waterview Property and Marriot Property prior to mobilizing to the site.
- Timely public and local businesses notifications
- Pardon our dust meetings
- Partnering and open communication. Resolve issues at lowest possible level.
- Informal partnering. Special provision included to include kick-off meeting and additional facilitated meetings.
- Submittals and documentation must be complete and timely for pay estimates
- Noise and demolition coordination
- Field Office Type III

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Environmental

Charles Harvey, PE – Area Construction Engineer

Mr. Harvey discussed the proximity of the project to park areas and the importance of minimizing any impact to them.

- Similar to other projects, erosion and sediment control (ESC) will be implemented by the contractor and monitored by VDOT in compliance with an approved ESC plan.
- Install and maintain construction entrances as per current standard
- Disposal area requirements Section 106.04 of the Virginia Road and Bridge Specifications and Standards need to be adhered to. The disposal areas require approval and have strict ESC requirements.

Utilities

Brady Redwine – VDOT Utilities Manager

Brady Redwine discussed the current status of utility relocations.

Name of Utility	Status	Projected Completion Date
Dominion VA Power (DVP)	In progress	6/1/2017
Washington Gas	In progress	6/1/2017
PEPCO	Install upon completion of DVP duct system	6/1/2017

In addition, Mr. Redwine reminded the potential bidders of the following:

- Special Provision for Section 105.08 requires that contractors protect existing, adjusted, or new utilities that are shown on the plans, marked by Miss Utility, or otherwise known to the Contractor that are to remain within the right of way so as to prevent disturbance or damage resulting from construction operations
- The Contractor shall not make or begin any excavation or demolition without first notifying the Miss Utility
- The Contractor shall promptly notify the Engineer in writing if the Contractor encounters utilities that are not shown on the plans, marked by Miss Utility, or otherwise known to the Contractor before the site is disturbed further and before the affected work is performed
- Any coordination with Power and/or Communications for utility services to traffic signals, overhead lighting, etc. requires a 90 day notice.
- The Department will provide a Utility As-Built plan to the successful bidder at the Pre-Construction Conference

Project Controls Features

Charles Harvey, PE – VDOT Project Controls

Charles Harvey discussed the unique special provisions in the contract documents:

- Substantial Completion Date of June 14, 2019
 - Substantial completion is when Road and bridge can be used by traveling public in final configuration.
 - Incentive of \$4,000 per day up to \$240,000
 - Disincentive of \$4,000 per day
- Fixed Completion Date of July 25, 2019
- Contractor must notify VDOT in writing of intention to collect incentive with the submission of the Baseline Schedule

Charles Harvey also discussed the special provisions for CPM Progress Schedule for Category III Projects:

- Preliminary Progress Schedule
 - Within two (2) days prior to the Scheduling Conference
 - Submit: 90 days CPM Schedule and Narrative
- Baseline Progress Schedule
 - Within thirty (30) days after NTP
 - Submit: Cost loaded CPM Schedule, Narrative and Earnings C-13C
 - Becomes Schedule of Record
- Monthly Progress Update
 - Within five (5) days after the progress estimate date.
 - Submit: CPM Schedule Update, Narrative and Earnings C-13C
- Software: No earlier than Primavera P6 Version 6.2
- Other features
 - Revised Baseline Schedule
 - Schedule Impact Analysis SIA

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Question & Answer Session **Charles Harvey, PE – Area Construction Engineer**

Charles Harvey asked for any questions from the contractor representatives. VDOT and County Representatives provided the responses.

1. Are NPS posts required along the LOD?

No, since NPS's property is not affected and is not in the limit of land disturbing, the signs are required to be installed.

2. How far is the NPS property?

This information is shown on the plans. The distance is roughly 16'.

3. Does this project have Federal Funds?

No, it does not. However, "Buy America" is a contract requirement.

4. Since this project is not Federal Funded, are there any DBE requirements?

There are no DBE requirements.

Project Walk-Thru

The walk-thru could not take place due to heavy rain all day. Meeting was adjourned.



N. Lynn Street Esplanade Improvements

PROJECT SHOWING

Project No. 0029-000-859, C501, B605

April 6, 2017– 10:30 a.m.

**1911 North Fort Myer Drive, LL-10
Arlington, Virginia**

Charles Harvey, PE

Area Construction Engineer, NOVA Construction

Charles.harvey@VDOT.Virginia.gov, Phone: (703) 259-3234

Dennis Irvin

Construction Manager, NOVA Construction

E-mail: Dennis.irvin@VDOT.Virginia.gov, Phone: (703) 259-2765

Showing Agenda

- **Project Overview**
- **Design Features**
- **Construction Features**
- **Environmental**
- **Utility Features**
- **Project Controls/Contract & Schedule**
- **Question and Answers**
 - Entertained at the end.
 - Attendees asking questions should identify themselves and the company they represent.

Introduction of Project Team

VDOT Construction Management

Area Construction Engineer – Charles Harvey, PE

Construction Manager – Dennis Irvin, VDOT

Design Team:

VDOT Design Project Coordinator – Khalid Gandhi, PE

Toole Design Group – Designer Engineer of Record – Bill Schultheiss, PE

Presenting Today:

Tom Hutchings – Arlington County DOT Capital Projects Manager

Eric Mongelli, PE – Toole Design Group

Charles Harvey, PE – VDOT ACE

Brady Redwine – VDOT Utilities Manager

Denise Cantwell, PE – VDOT Project Controls

Project Overview

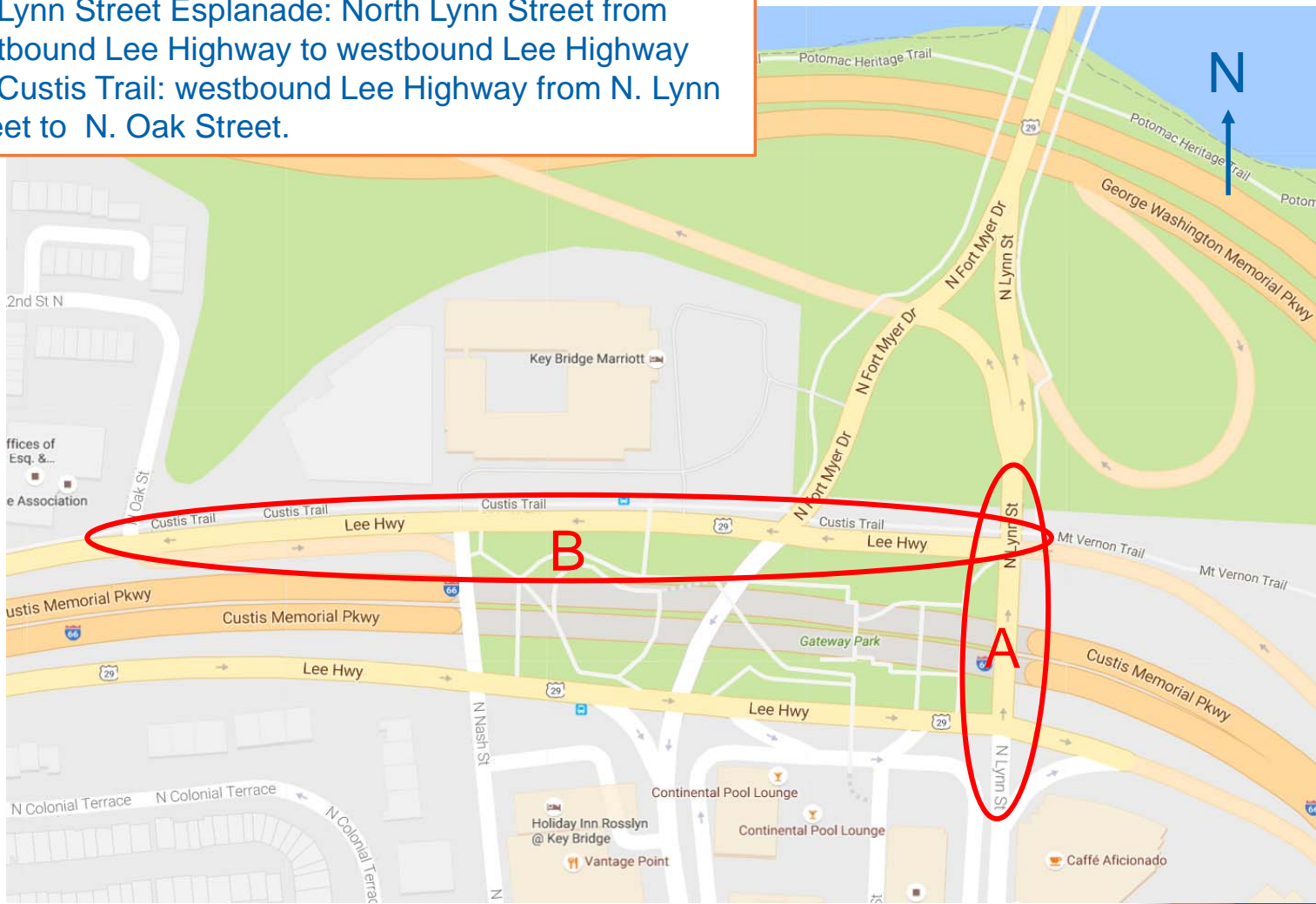
Tom Hutchings

Arlington County Department of Transportation

Capital Projects Manager

Project Location

- (A) Lynn Street Esplanade: North Lynn Street from eastbound Lee Highway to westbound Lee Highway
- (B) Custis Trail: westbound Lee Highway from N. Lynn Street to N. Oak Street.



Project Location

(A) Lynn Street Esplanade: North Lynn Street from eastbound Lee Highway to westbound Lee Highway
(B) Custis Trail: westbound Lee Highway from N. Lynn Street to N. Oak Street.



- **The Lynn Street Esplanade and Custis Trail Improvements project is a pedestrian and bicycle safety, traffic management and street beautification initiative located in Rosslyn.**
- **The project incorporates findings from the 1999 Esplanade Study, the 2003 Rosslyn Circle Safety Study and the 2006 Lynn Street Esplanade Preliminary Design Study.**

Project Location Street View:



(A) Lynn Street Esplanade: North Lynn Street from eastbound Lee Highway to westbound Lee Highway

Project Location Street View:



(B) Custis Trail: westbound Lee Highway from N. Lynn Street to N. Oak Street.

Design Features

Eric Mongelli, PE

Toole Design Group Director of Engineering

The Lynn Street Esplanade (A)

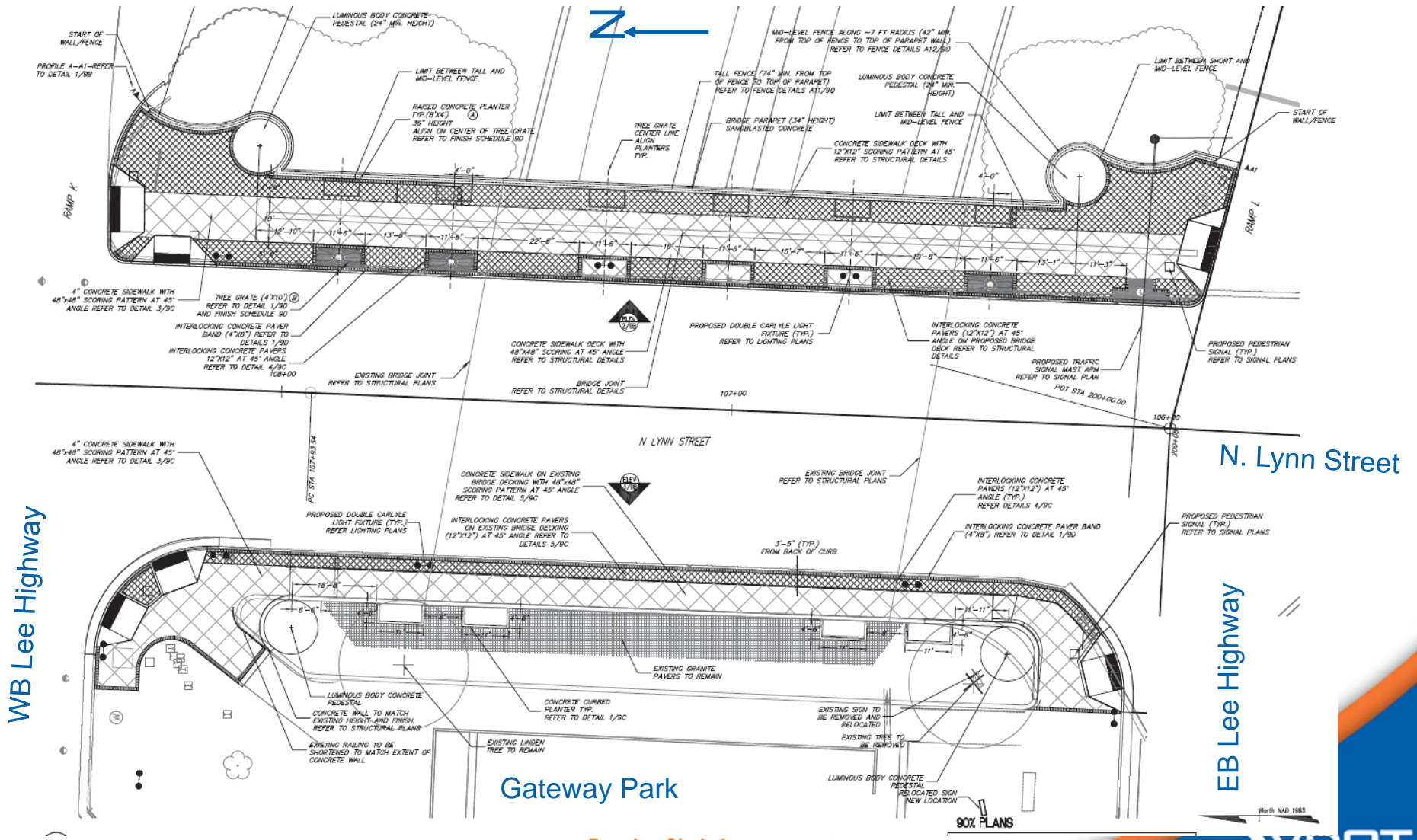
- **Project includes:**

- Widened sidewalks and larger pedestrian and bike waiting areas
- 11' traffic lanes
- Upgraded traffic signals and new signage
- On-street bike lane on Lynn Street
- Upgraded street lights
- Custom fencing
- Landscaping
- “Corridor of Light” public art elements at the four corners of the I-66 bridge (By others)



(A) Lynn Street Esplanade
(B) Custis Trail

N. Lynn Street Bridge Improvements (A)



WB Lee Highway

EB Lee Highway

Rosslyn Circle Improvements

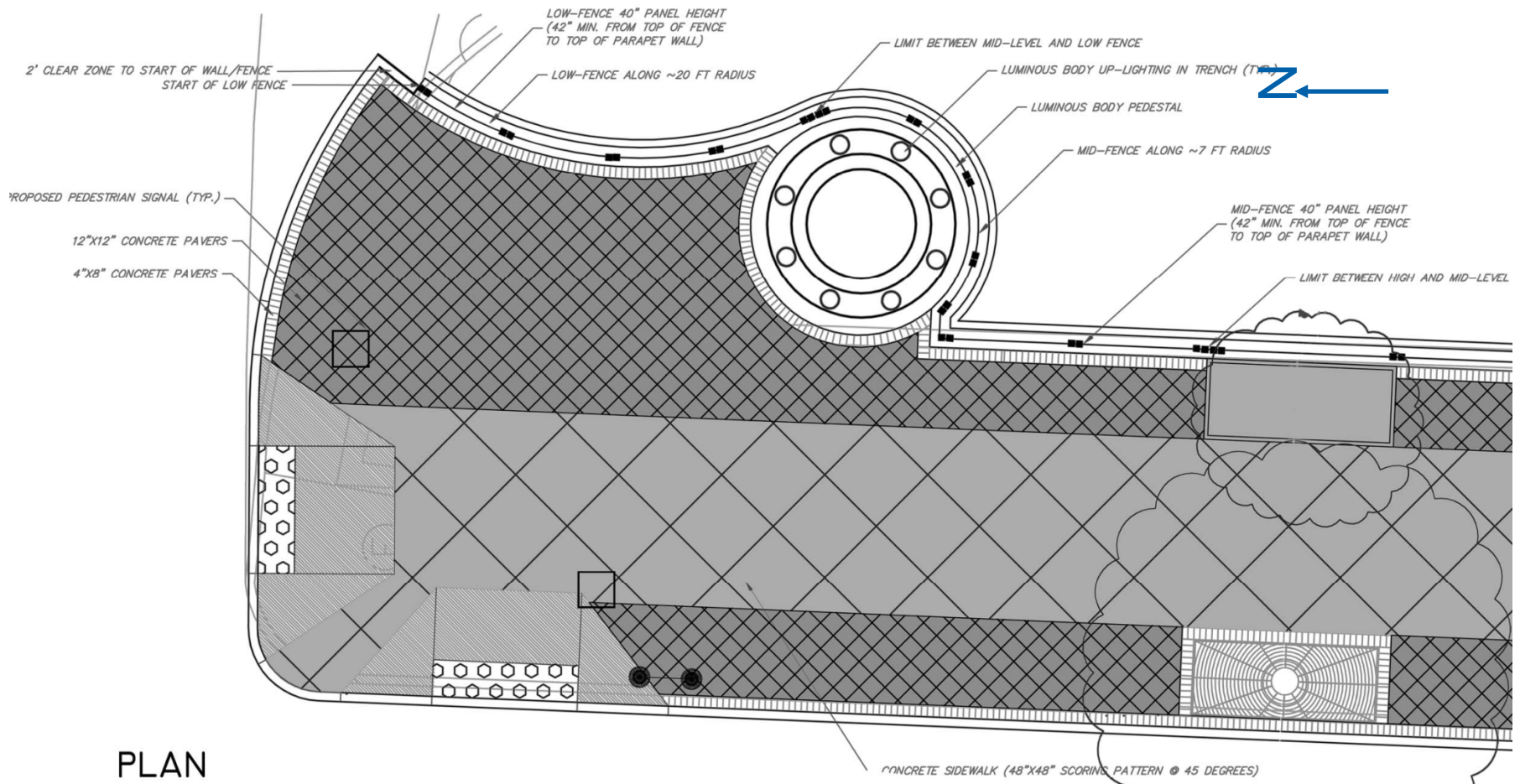


East Side of Lynn Street Improvements (A)



Plan and elevation showing new bridge barrier, custom fence, 20' wide sidewalk

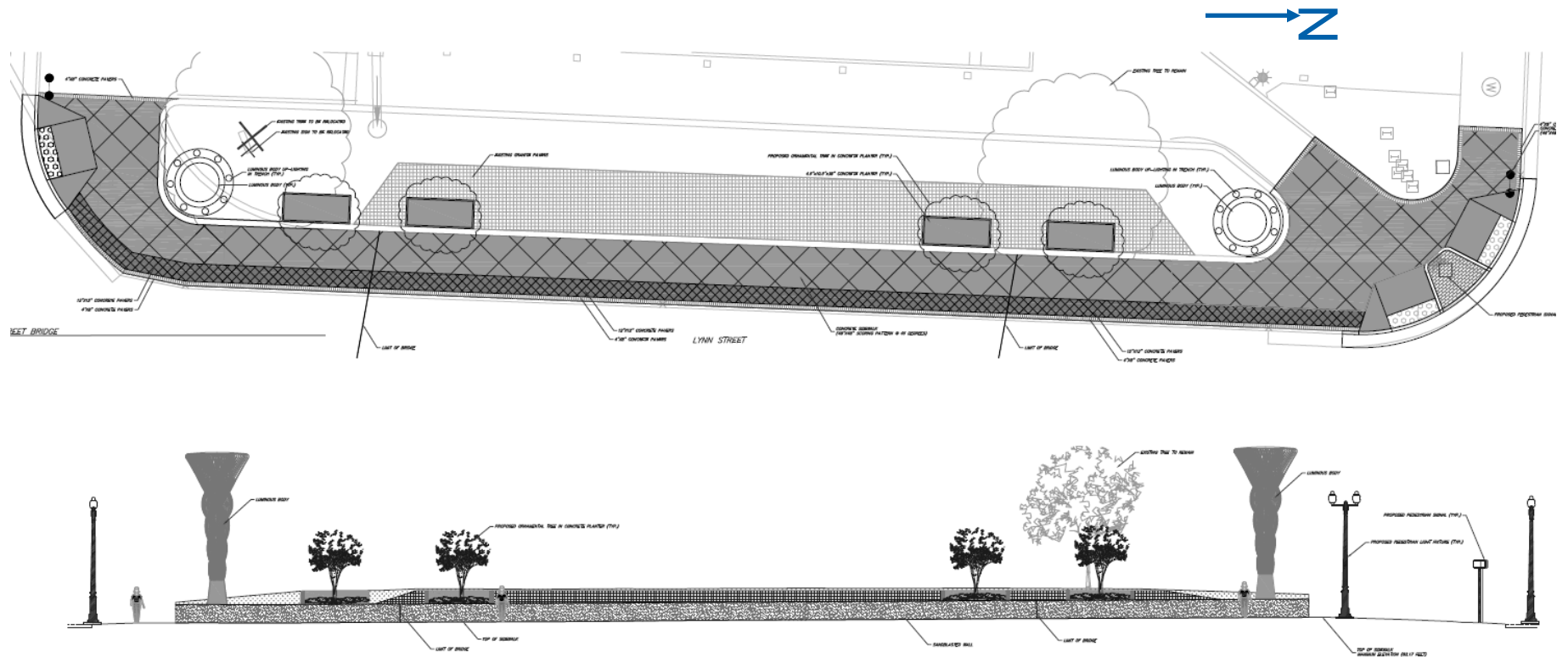
East Side of Lynn Street Improvements (A)



PLAN

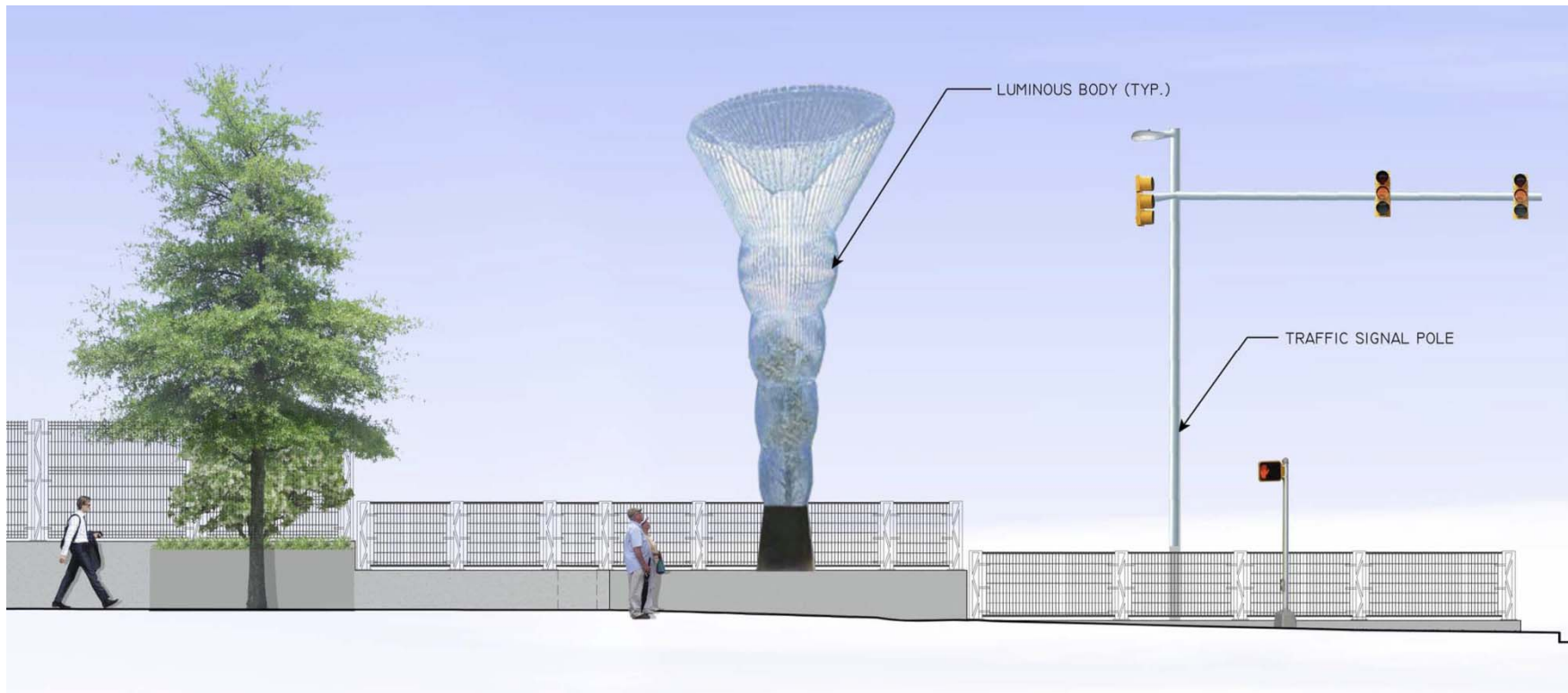
NE Corner Luminous Body Foundation and Lighting

West Side Lynn Street / Gateway Park (A)



Plan and Elevation Graphics

East Side Lynn Street



Southeast corner of Lynn and Lee Highway

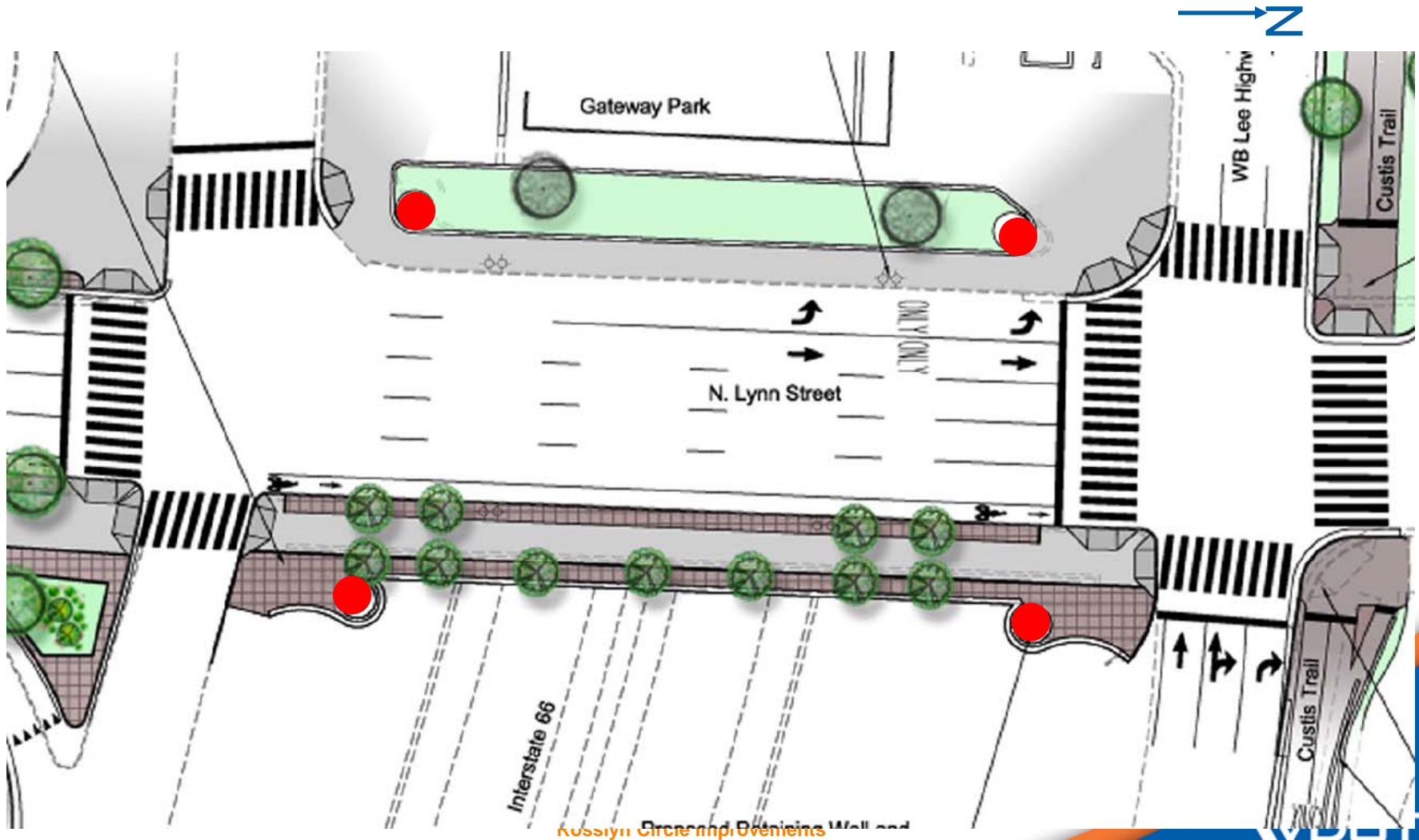
Rosslyn Circle Improvements



Public Art (Fixtures External to this Contract)



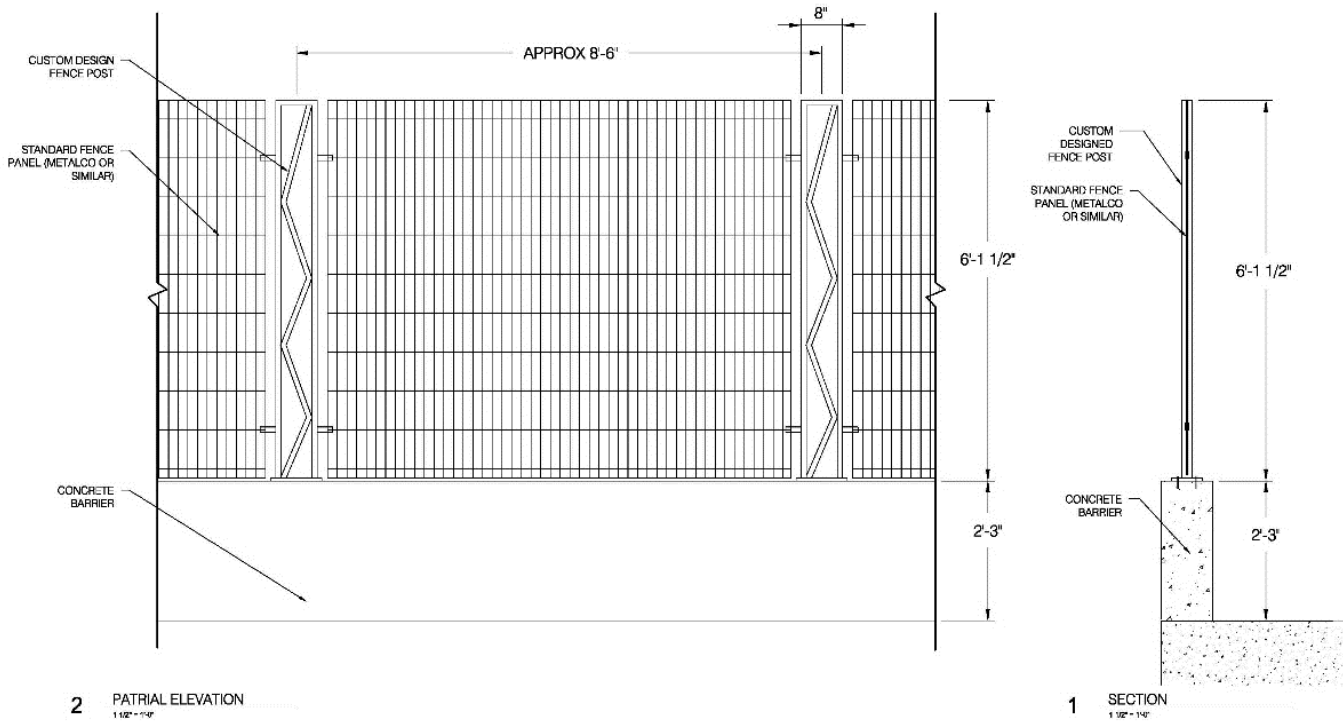
Luminous Body Locations ●



Kosslyn Circle Improvements



Semi-Custom Fence



Cliff Garten Studio	131s Preston Way	project:	COL - ESPLANADE BRIDGE FENCE		project number:	sheet:
310.392.2000 TEL	Vanice	USA	ABOVE DECK		date:	11/15/2012
310.392.2002 FAX	California	90291			scale:	AS NOTED
						2.0



Full size mock-up

Custis Trail Improvements (B)

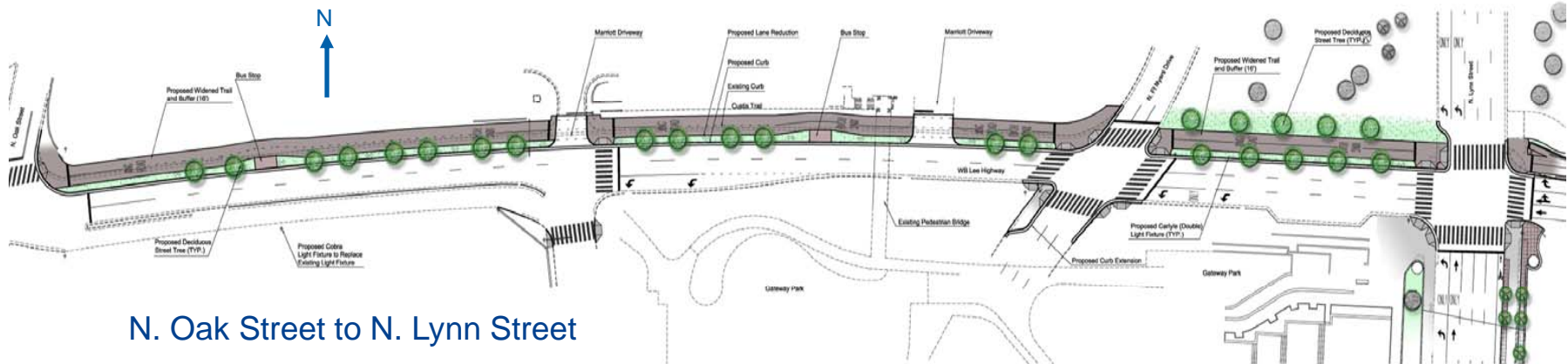
- **Project area includes:**

- **Bicycle and pedestrian facility upgrades**
- **Intersection improvement at Lee Highway and N. Lynn Street**
- **Trail widening to 16'**
- **Increased trail separation from traffic**
- **Westbound lane reduction from Ft. Myer to N. Oak Street**
- **Curb extensions and wider curb ramps**
- **New traffic and dedicated bike signals**
- **New streetlights on both sides of westbound Lee Highway**



(A) Lynn Street Esplanade
(B) Custis Trail

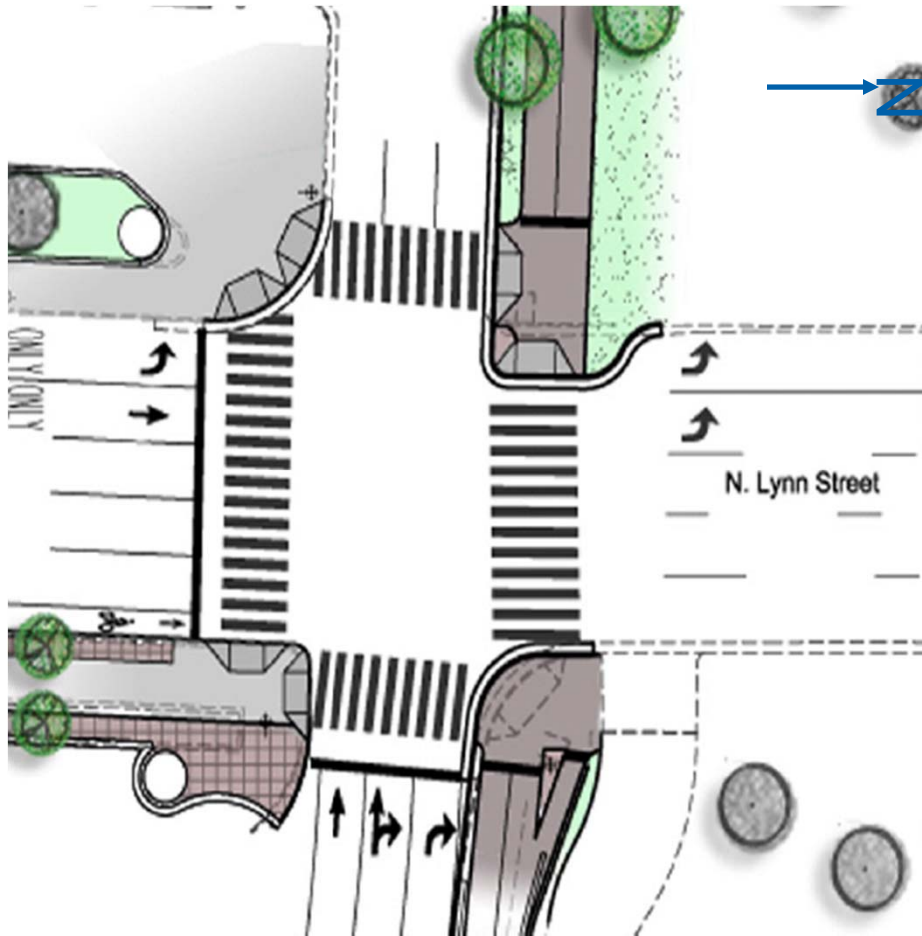
Overview Custis Trail and Westbound Lee Highway Improvements (B)



N. Oak Street to N. Lynn Street

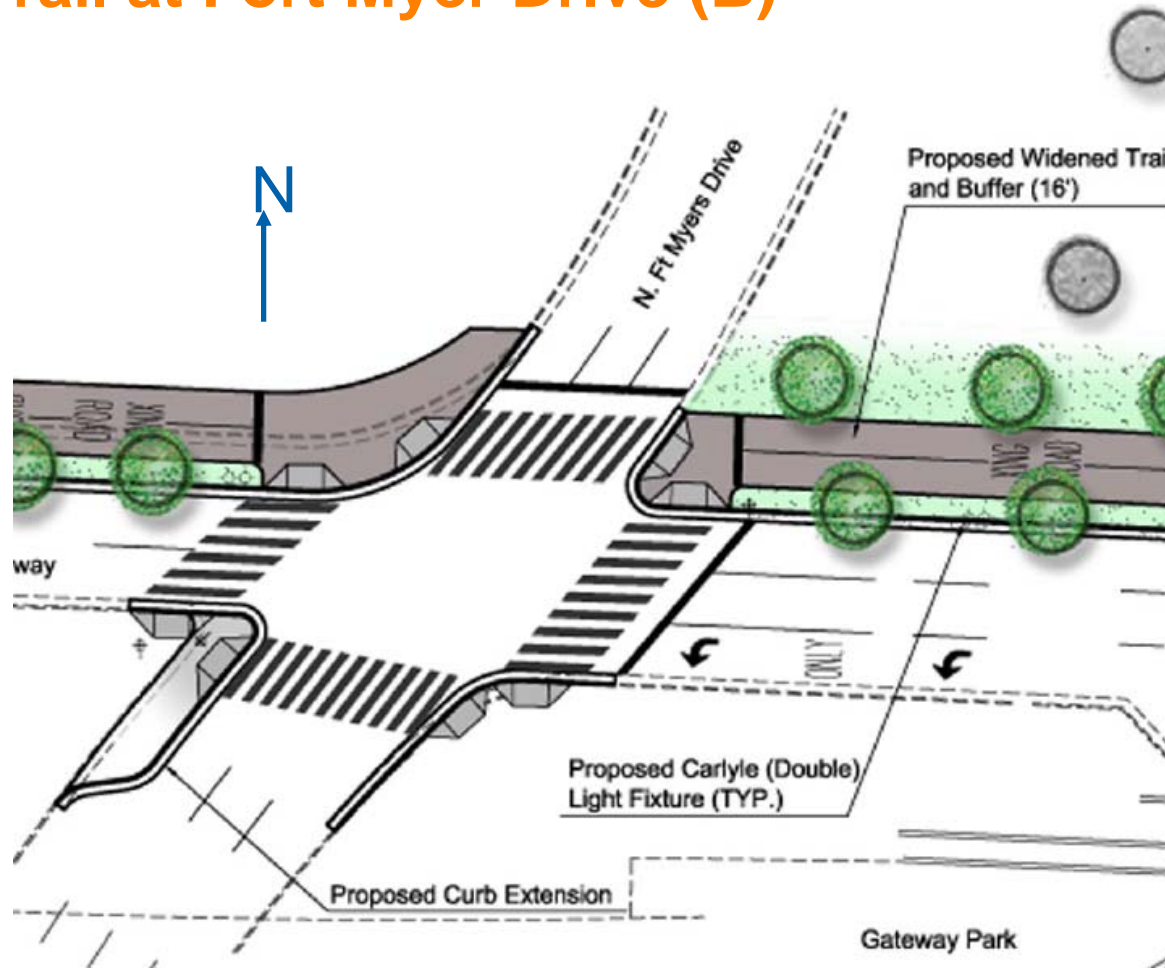
- **Planned 16' wide trail with 6-foot buffer (existing 10' & 3' buffer)**
- **VDOT approved lane reduction on westbound Lee Highway provides space for wider trail and improved sight distances**
- **Improved pedestrian queuing areas at street crosswalks**
- **Upgraded traffic and trail signals at major intersections**

Custis Trail at N. Lynn Street (B)



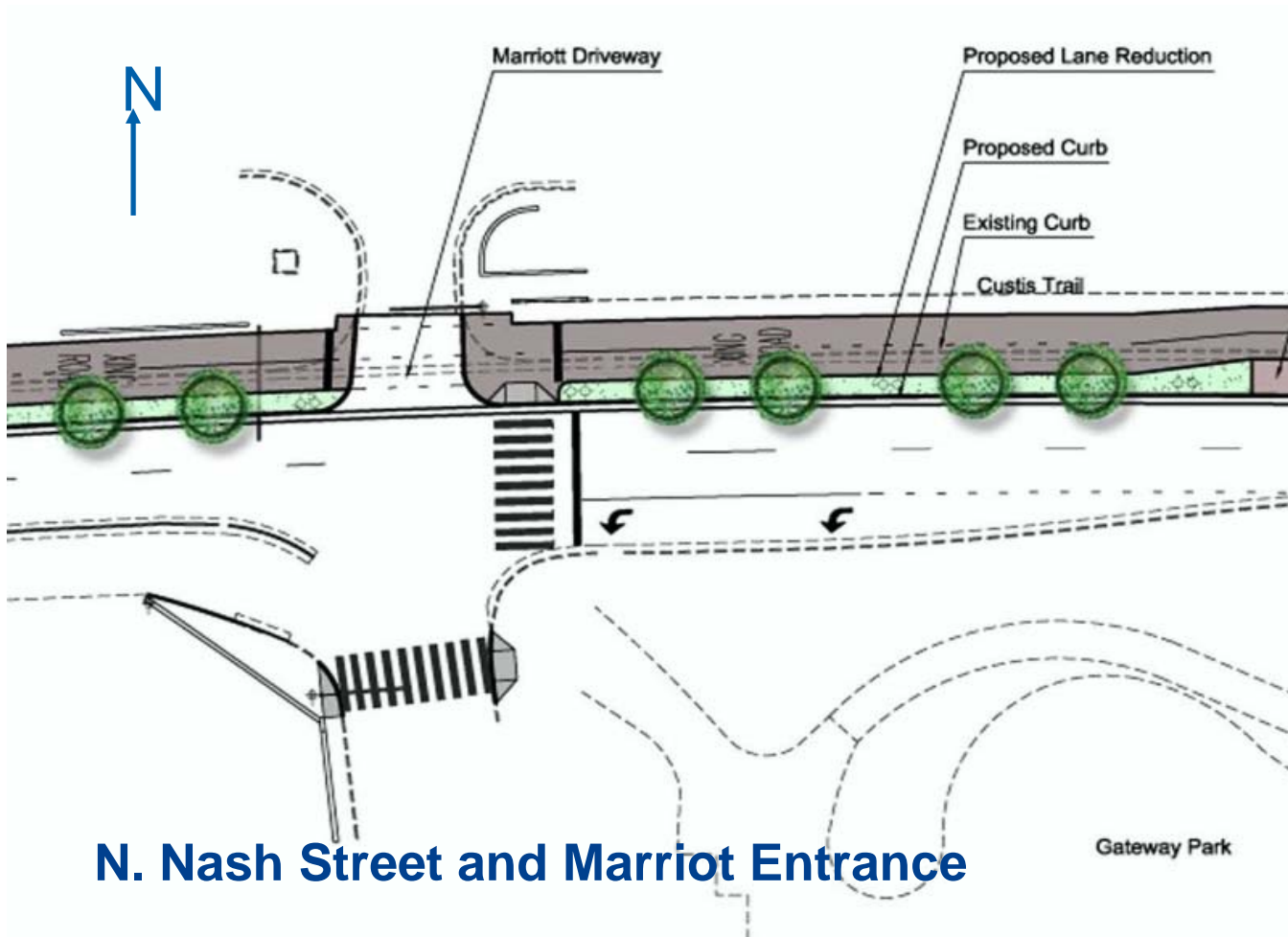
- Reduced crossing distances
- New traffic and trail signals
- Larger trail queuing areas
- Barrier removed for Improved visibility of trail users
- Tighter corners to slow traffic in pedestrian areas

Custis Trail at Fort Myers Drive (B)



Dashed lines show existing curb location

Custis Trail at Marriot Entrance (B)



N. Nash Street and Marriot Entrance

Existing Custis Trail N. Fort Myer Drive to N. Oak Street (B)



Existing Conditions – N. Ft Myer Drive to N. Oak Street

Approved Lane Reduction N. Fort Myer Drive to N. Oak Street (B)



Construction Features

Charles Harvey, PE

VDOT Area Construction Engineer

Construction Safety

- **Six (6) Phases with Nine (9) MOT Plans**
- **Safety**
 - Uphold all applicable standards and regulations
 - Maintain pedestrian and bicycle access throughout
 - Maintain a safe and clean job site

Construction Public Outreach

- **Be a Good Neighbor**
 - Will work very closely with Arlington County
 - Must have a Preconstruction Meeting with Waterview Property and Marriott Property prior to mobilizing to the site.
 - Notify Arlington County Transit no less than two weeks prior to starting any work that would impact existing bus service stops
 - Pardon our Dust Meetings
 - VDOT Public Relations Team

Construction Process

- **Communication**
 - Open lines at all times
 - Partnering
- **Submittals – Timely and diligent**
- **Documentation – Complete and timely for pay estimates**
- **Signals – Temporary and permanent signalization**
- **Demolition**
- **Field Office Type III**

Environmental

Charles Harvey, PE
VDOT Area Construction Engineer

Erosion and Sediment Control

- **Contractor Implemented**
 - **VDOT Monitored**
 - **Approved ESC Plan**
 - VDOT Road & Bridge Specifications and Standards pertaining to regulated land disturbing activities
 - DCR Virginia Erosion and Sediment Control Handbook
- **VDOT ESCCC and DCR Inspector Certification**
- **Construction Entrances (Std. and Spec. 3.02)**

Disposal Areas

- **Section 106.04 Virginia Road & Bridge Specifications and Standards**
- **Disposal Site Approval**
 - Location and boundaries
 - Procedures to minimize erosion
 - Haul roads
 - Provisions for environmentally compatible screening
 - Restoration and permanent cover vegetation
 - Drainage pattern
 - Stream/tributaries receiving discharge
 - Sequence and schedule of work
 - Total drainage area for temporary sediment traps

Utility Features

Brady Redwine
VDOT NOVA Construction
Utilities Manager

Status of Utility Relocation

Name of Utility	Status	Projected Completion Date
Dominion VA Power (DVP)	In progress	6/1/2017
Washington Gas	In progress	6/1/2017
PEPCO	Install upon completion of DVP duct system	6/1/2017

Important Special Provisions and Coordination

- **Section 105.08 – The Contractor shall protect existing, adjusted, or new utilities that are shown on the plans, marked by Miss Utility, or otherwise known to the Contractor that are to remain within the right of way so as to prevent disturbance or damage resulting from construction operations.**
- **Section 107.09 - The Contractor shall comply with all requirements of the Virginia Underground Utility Damage Prevention Act (the Miss Utility law). The Contractor shall not make or begin any excavation or demolition without first notifying the Miss Utility notification center for the area where the project is located.**

Important Special Provisions and Coordination (cont.)

- **The Contractor shall promptly notify the Engineer in writing if the Contractor encounters utilities that are not shown on the plans, marked by Miss Utility, or otherwise known to the Contractor before the site is disturbed further and before the affected work is performed.**
- **Any coordination with Power and/or Communications for utility services to traffic signals, overhead lighting, etc... requires a 90 day notice.**
- **The Department will provide a Utility As-Built plan to the successful bidder at the Pre-Construction Conference. This plan will show all of the new locations for the relocated utilities within the project limits.**

Project Controls

Denise Cantwell, PE

VDOT Project Controls Section

Contractual Project Dates

- **Substantial Completion Date of June 14, 2019**
 - Incentive of \$4,000 per day up to \$240,000
 - Disincentive of \$4,000 per day
- **Fixed Completion Date of July 25, 2019**
- **Must notify VDOT in writing of intention to collect incentive with the submission of the Baseline Schedule**

Special Provisions

CPM Progress Schedule for Category III Projects

- Preliminary Progress Schedule
 - Within two (2) days prior to the Scheduling Conference
 - Submit: 90 day CPM Schedule and Narrative
- Baseline Progress Schedule
 - Within thirty (30) days after NTP
 - Submit: Cost loaded CPM Schedule, Narrative and Earnings C-13C
 - Becomes Schedule of Record
- Monthly Progress Update
 - Within five (5) business days after the progress estimate date
 - Submit: CPM Schedule Update, Narrative and Earnings C-13C
- **Software: No earlier than Primavera P6 Version 6.2**
- **Other features**
 - Revised Baseline Schedule
 - Schedule Impact Analysis (SIA)

The Team

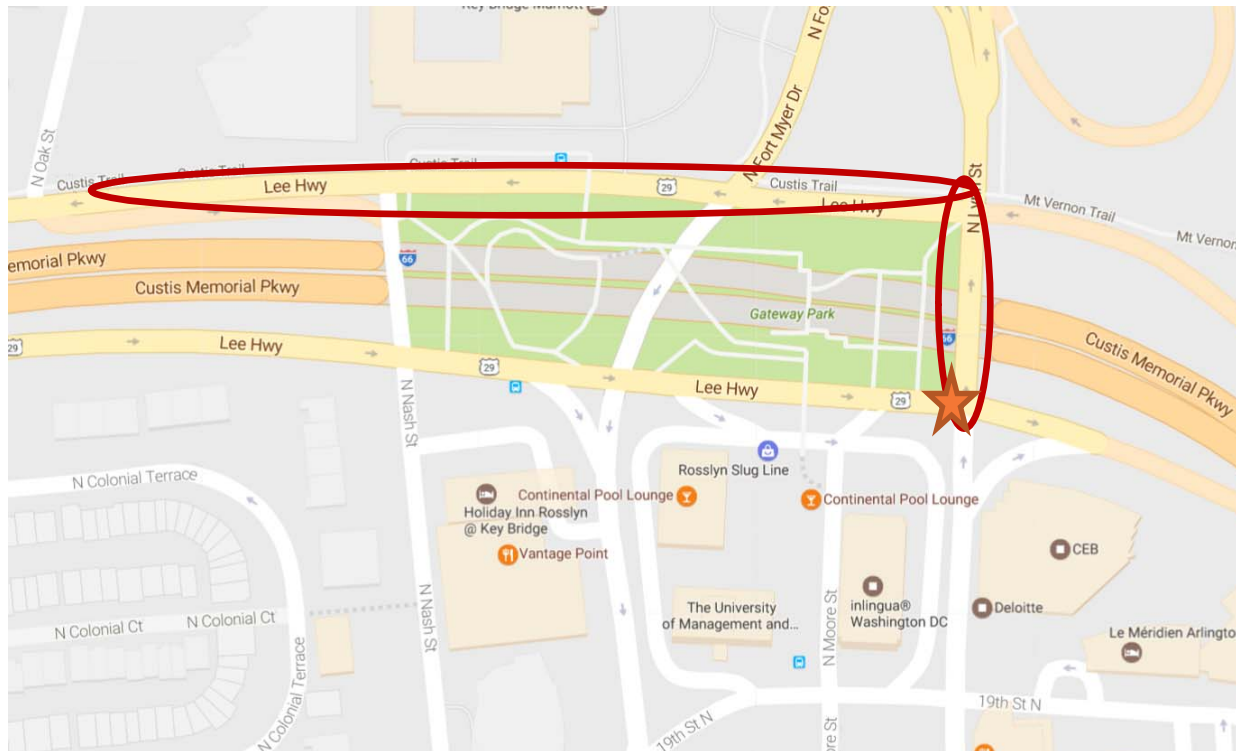
- **Informal Partnering**
 - **Special Provision included to include Kick-off Meeting and additional facilitated meetings, etc.**

Questions & Answers

- **Bid Letting is Wednesday 26 April 2017**
- **Attendees asking questions should identify themselves and the company they represent.**
- **Any additional questions that may arise after this project showing shall be addressed through the normal CABB process.**

Field Visit Location

- Meet on sidewalk at SW corner of eastbound Lee Highway and N. Lynn Street (down one block)



COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION

PROJECT SHOWING ATTENDANCE SHEET

CONTRACT ID. NO.: C0000109813C01 PROJ. NO.: (NFO)0029-000-859, C501, B605 Area Construction Engineer Charles Harvey, PE
 ROUTE: 29 COUNTY: Arlington DATE: April 6, 2017
 DISTRICT: NOVA District ROOM: On Site, Rosslyn Virginia TIME: 10:30 a.m.

REPRESENTATIVE	COMPANY	E-Mail Address	PHONE NUMBER	SHOWING (INITIALS)
<i>Tom Hutchings</i>	<i>DRUMMOND CO.</i>	<i>THUTCHINGS@ARLINGTONVA.GOV</i>	<i>703 532-2523</i>	<i>TH</i>
<i>Eric Mongelli</i>	<i>TOOLE DESIGN GROUP</i>	<i>EMONGELLI@TOOLEDESIGN.COM</i>	<i>301 927 1900</i>	<i>EM</i>
<i>Liz Gilliam</i>	<i>Toole Design Group</i>	<i>egilliam@tooledesign.com</i>	<i>301 927 1900</i>	<i>LG</i>
<i>Victor Corcamo</i>	<i>Rosslyn BID</i>	<i>VCORCAMO@ROSSLYNVA.ORG</i>	<i>703-522-6628</i>	<i>VC</i>
<i>KHALID GANDHI</i>	<i>VDOT</i>	<i>KHALID.GANDHI@VDOT.VIRGINIA.GOV</i>	<i>703-259-2397</i>	<i>KG</i>
<i>DOUGLAS PLOWMAN</i>	<i>ROSSLYN BID</i>	<i>D.PLOWMAN@ROSSLYNVA.ORG</i>	<i>734-545-5657</i>	<i>DP</i>
<i>Brady Redwine</i>	<i>VDOT</i>	<i>brady.redwine@vdot.virginia.gov</i>	<i>571-722-7357</i>	<i>BR</i>
<i>Bob Myers</i>	<i>Allan Myers</i>	<i>bob.myers@allanmyers.com</i>	<i>703-502-7500</i>	<i>BM</i>
<i>MAC LAFFIN</i>	<i>TESSA CONSTRUCTION</i>	<i>ML@TESSACONSTRUCTION.COM</i>	<i>703-444-4479</i>	<i>ML</i>
<i>SAM PATEL</i>	<i>FORT MYER CONST.</i>	<i>spatel@fortmyer.com</i>	<i>202-636-9535</i>	<i>SP</i>
<i>Charles Harvey</i>	<i>VDOT - CONSO</i>	<i>CHARLES.HARVEY@VDOT.VIRGINIA.GOV</i>	<i>703-259-3234</i>	<i>CH</i>
<i>Adil Chohan</i>	<i>Arlington Const</i>	<i>achohan@arlingtonva.gov</i>	<i>703-228-3500</i>	<i>AC</i>
<i>Jorge F. Garcia</i>	<i>VDOT</i>	<i>Jorge.garcia@vdot.virginia.gov</i>		