

Meade Street Bridge Design Alternative Study

Preferred Alternative Presentation

Stakeholder Meeting #3

June 23, 2011

Presented by: Dan Biggs, RLA



ARLINGTON
VIRGINIA

Walk 
Arlington



Meeting Agenda

Purpose:

1. Review Meeting #2 Feedback
2. Present Preferred Alternative
3. Review Corridor of Light (Cliff Garten)
4. Discuss Next Steps



Project Process

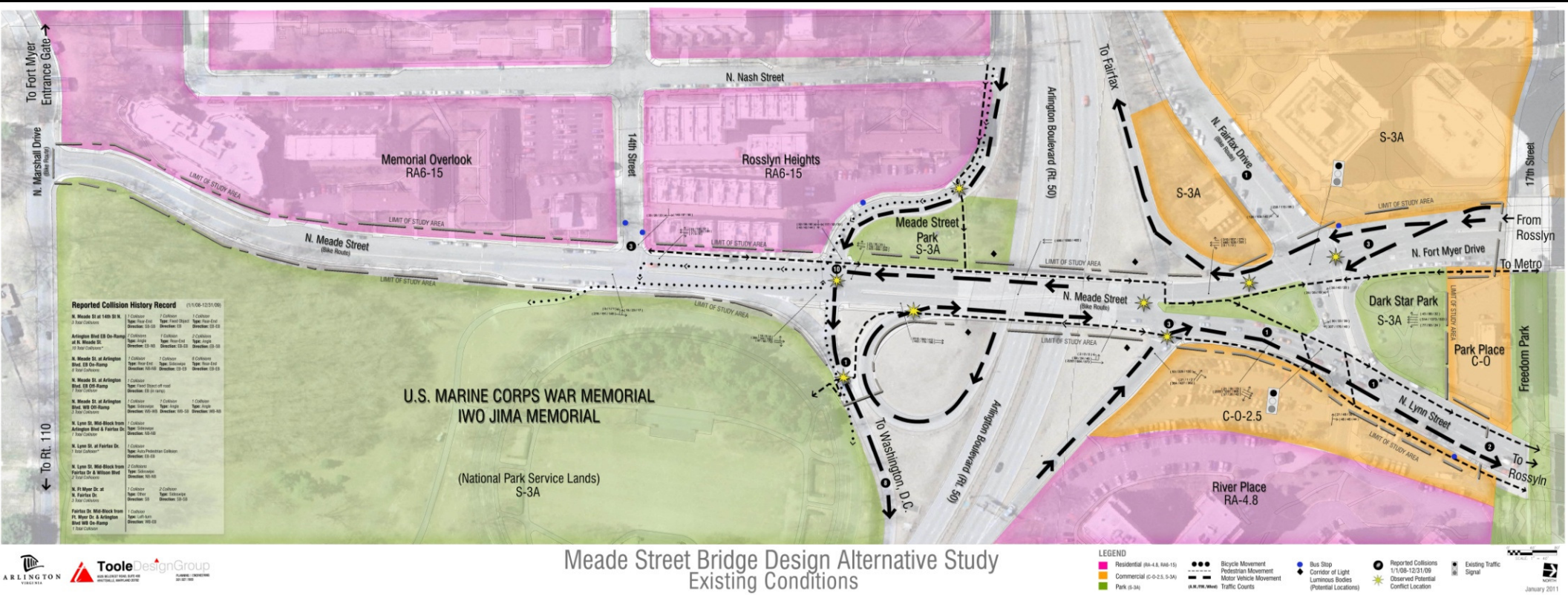


Project Goal & Objectives

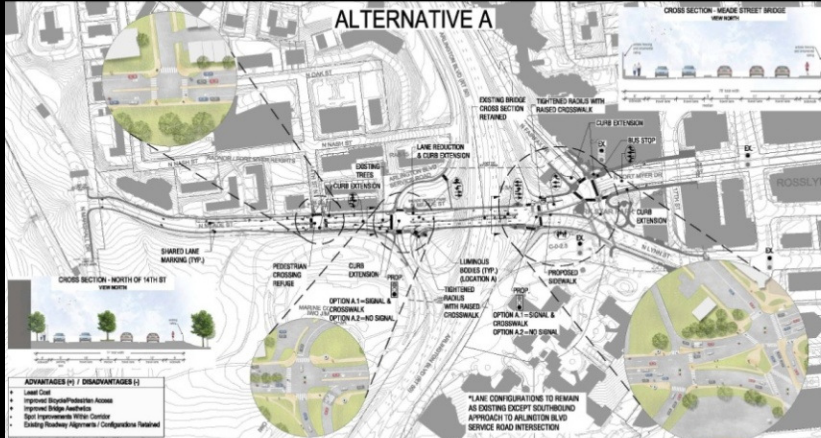
- **Goal:** to improve **Bicycle and Pedestrian access** and the user's **experience** along North Meade Street between Rosslyn and the Iwo Jima Memorial.
- **Objectives:**
 - Improving **non-motorized access** and user **safety** along corridor (RAFOM #27, 27).
 - **Minimize** vehicle and pedestrian **conflict points** (RAFOM #26).
 - Improve **streetscape** character of corridor (RAFOM #32, 42).
 - Improve bicycle, pedestrian, and motor vehicle **wayfinding** along corridor (RAFOM #26).
 - Maintain acceptable **levels of service** for all transportation modes (Bicycle, Pedestrian, Motor Vehicles & Transit).



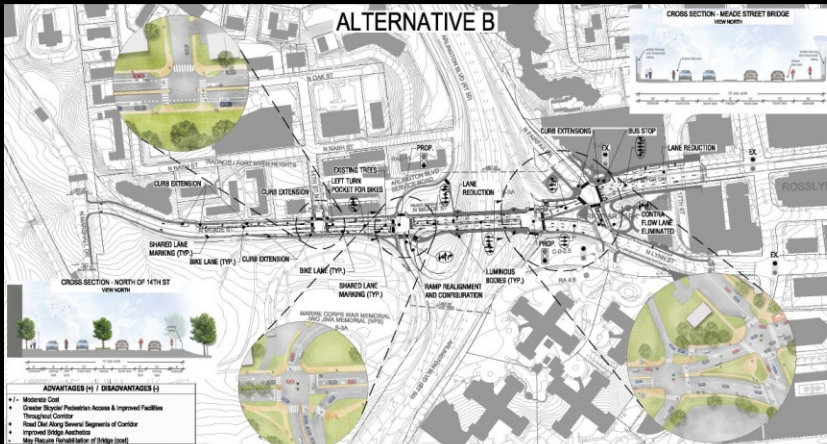
Study Area



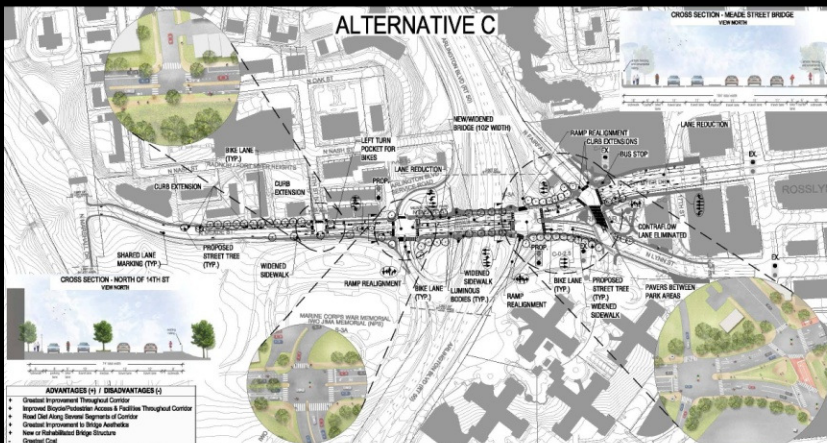
Concept Alternatives



Alternative A
(Spot Improvements)



Alternative B
(Moderate Improvements)



Alternative C
(Complete Improvements)

Summary of Feedback Meeting #2

General Comments

YES

- Left Turn Pocket
- Curb Extensions
- Directional Signage
- Public Art
- Bridge Fencing/Railing
- Crosswalks
- Signals
- Bike Lanes
- New/Rehabilitated Bridge

MAYBE

- Street Trees
- Tree Grates
- Ornamental Bridge Fencing
- Eliminate Contra Flow Lane

NO

- Sidewalk Buffer Pavers
- Wayfinding (Crystal City)
- Street Lighting

Alternatives Summary

Alternative A (Spot Improvements)

Retains Existing Roadway Configuration

Alternative B (Moderate)

Greater Bike/Ped Access Through Corridor

Aesthetic Treatment/
Rehabilitate Existing Bridge

Alternative C (Complete)

Greatest Improvement of Access within Corridor

New Bridge

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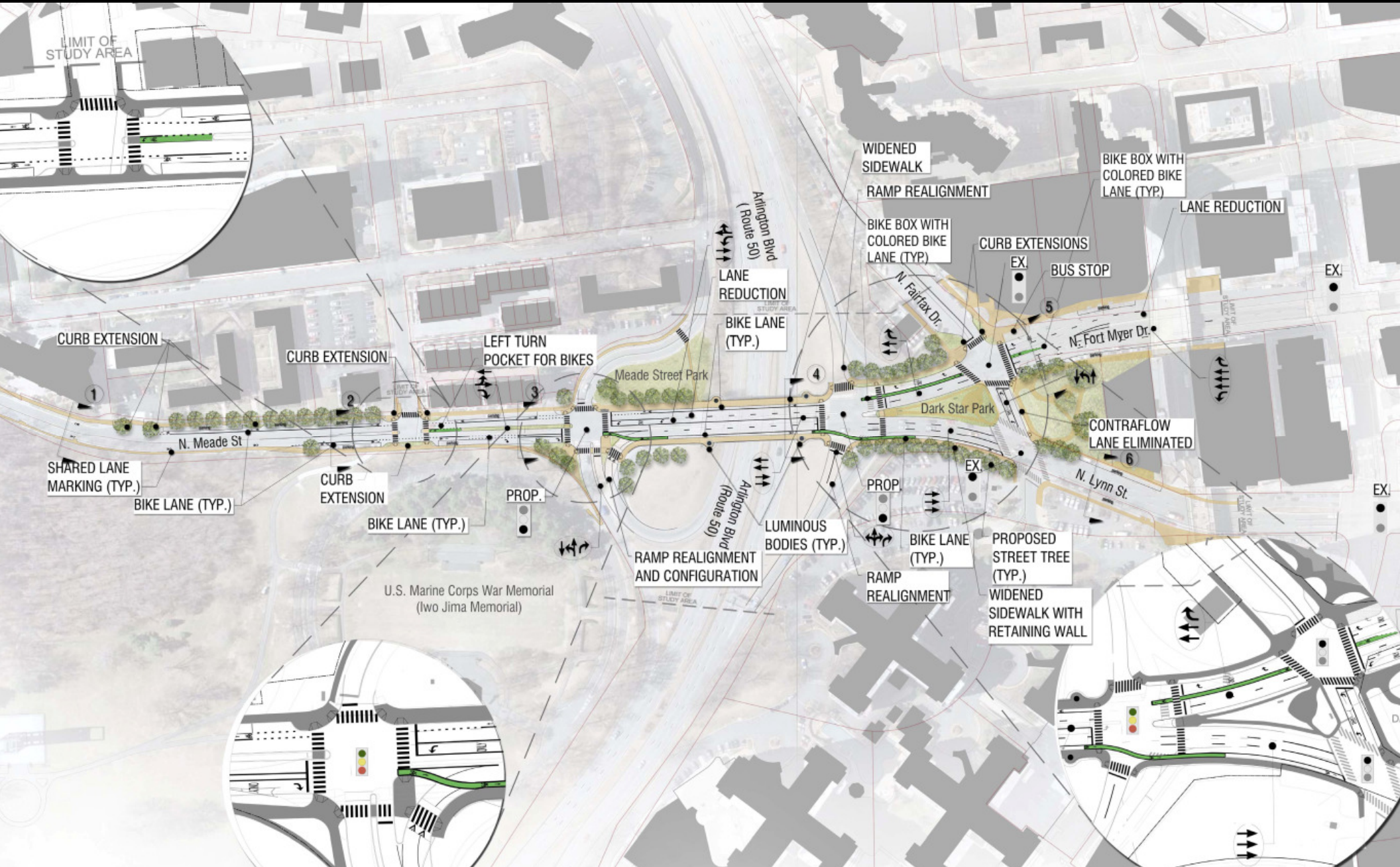
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Alternative C (Complete)

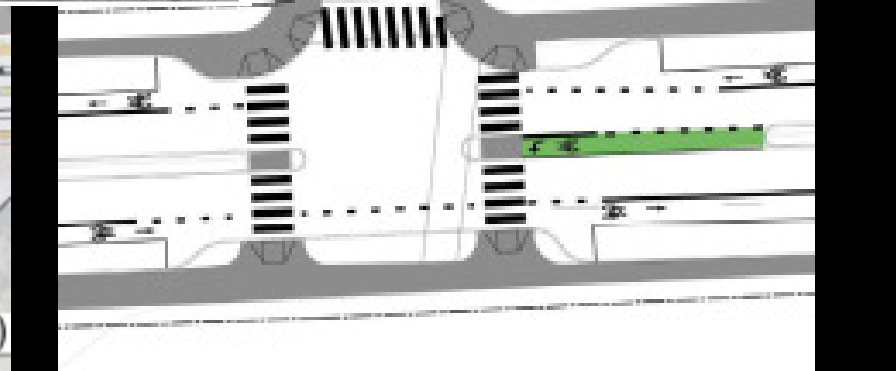
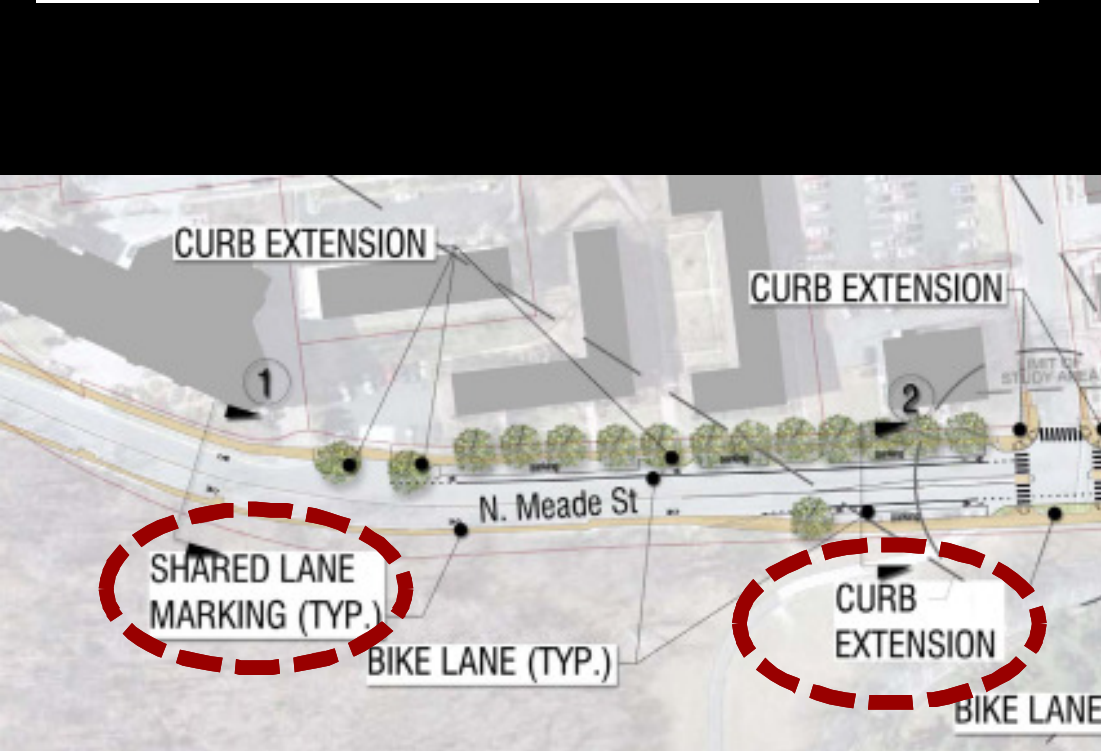
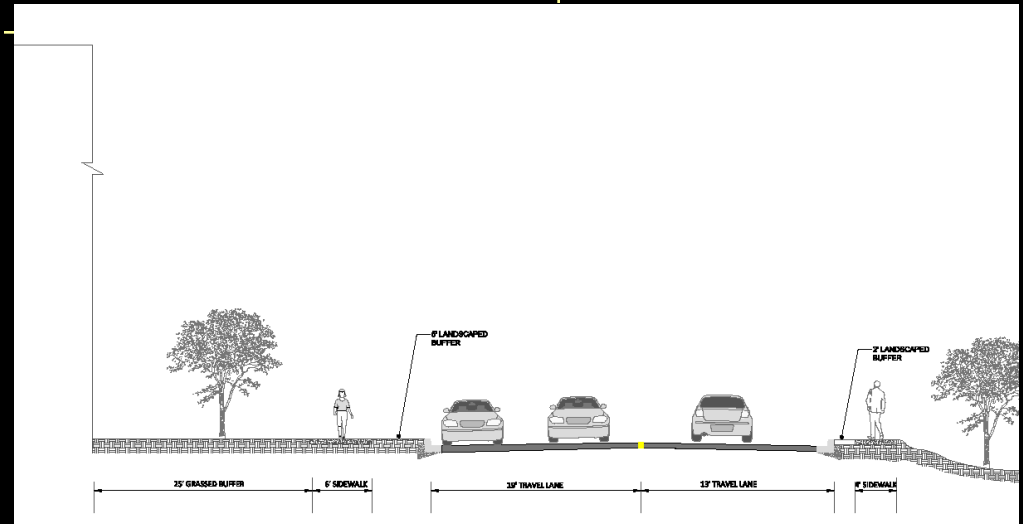
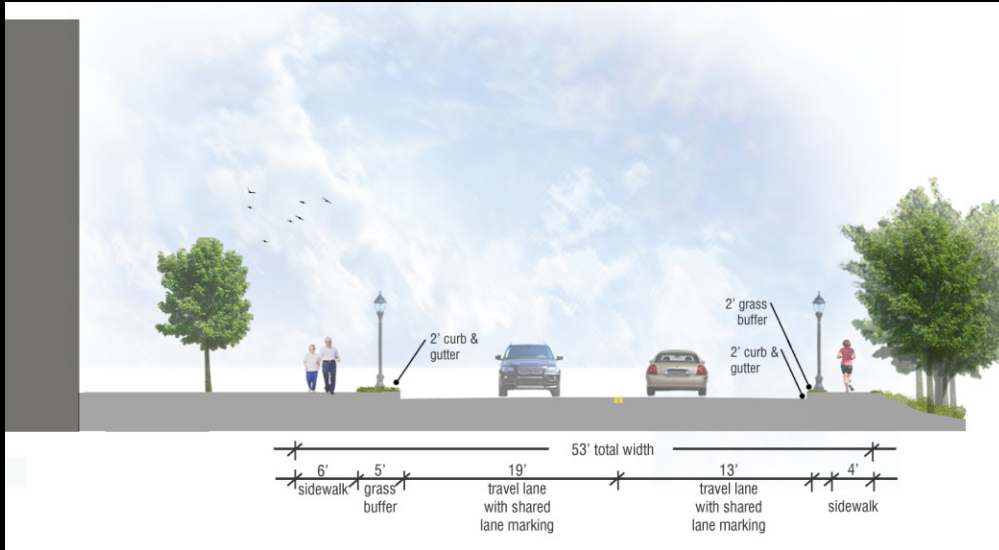
Greatest Improvement of Access within Corridor

New Bridge

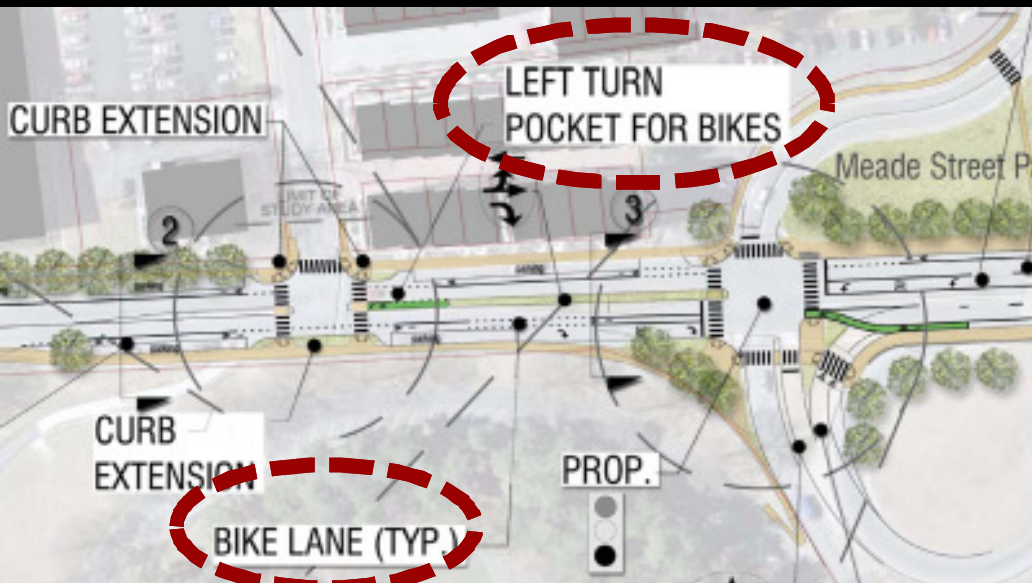
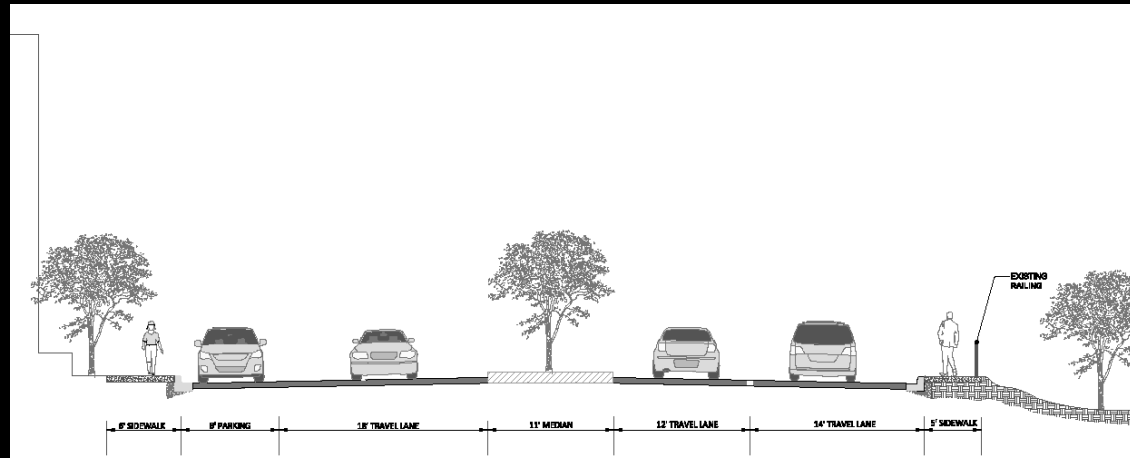
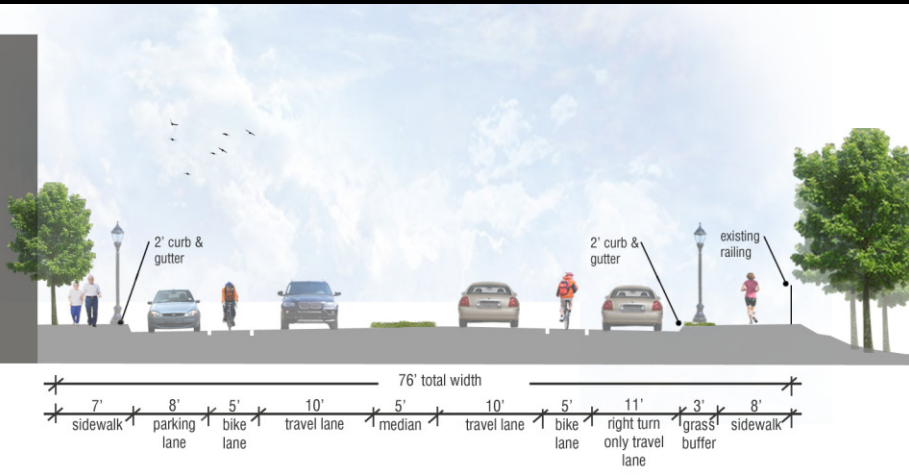
Preferred Alternative



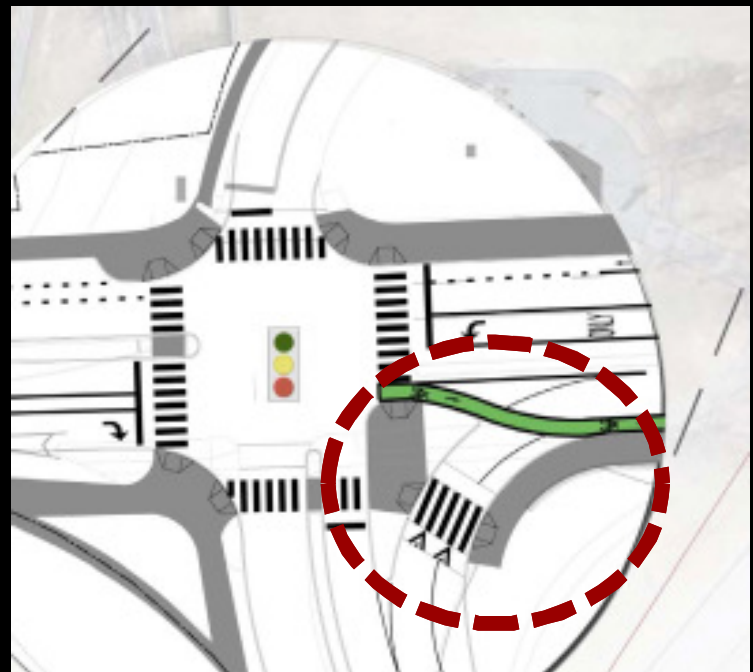
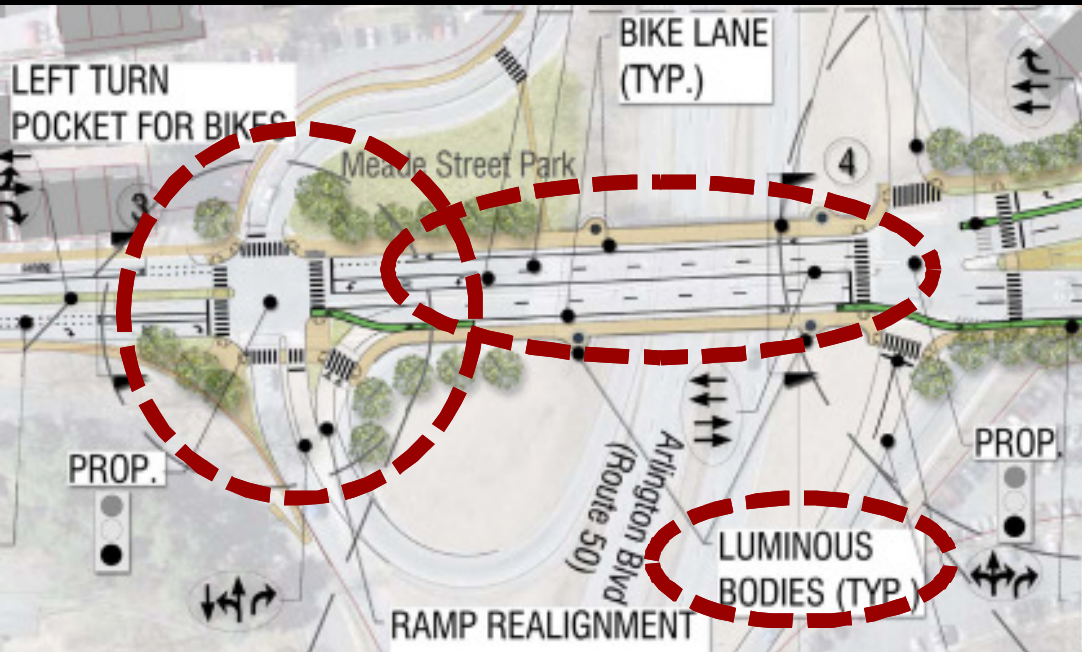
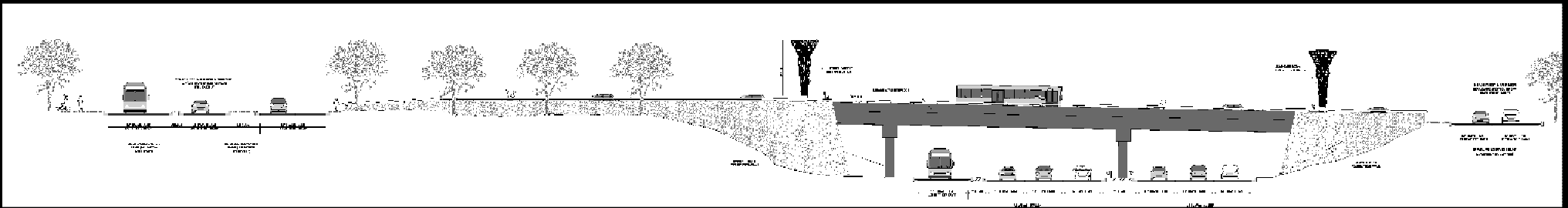
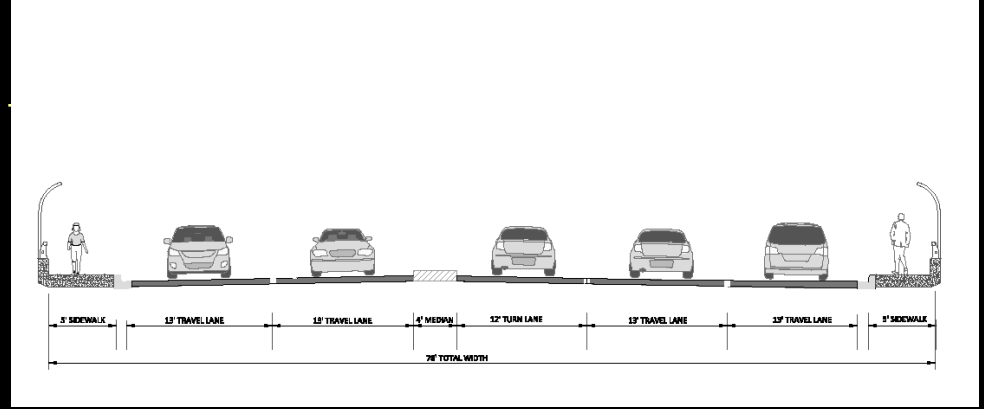
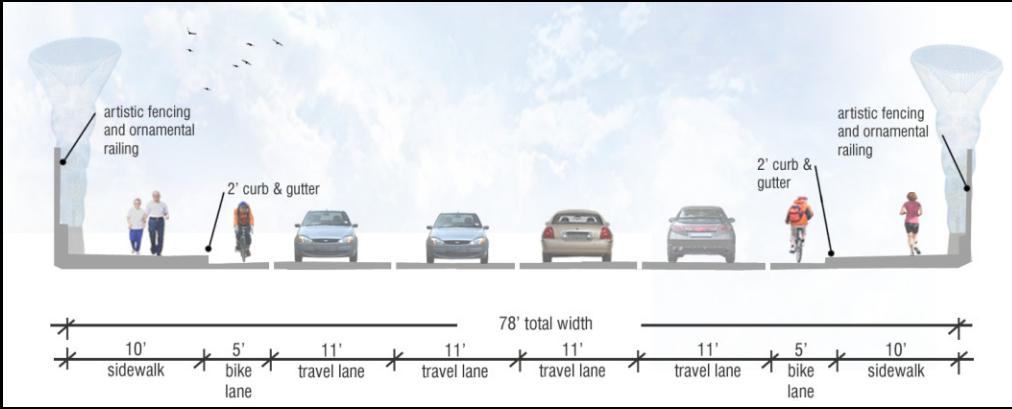
Meade Street - North of Marshall Dr



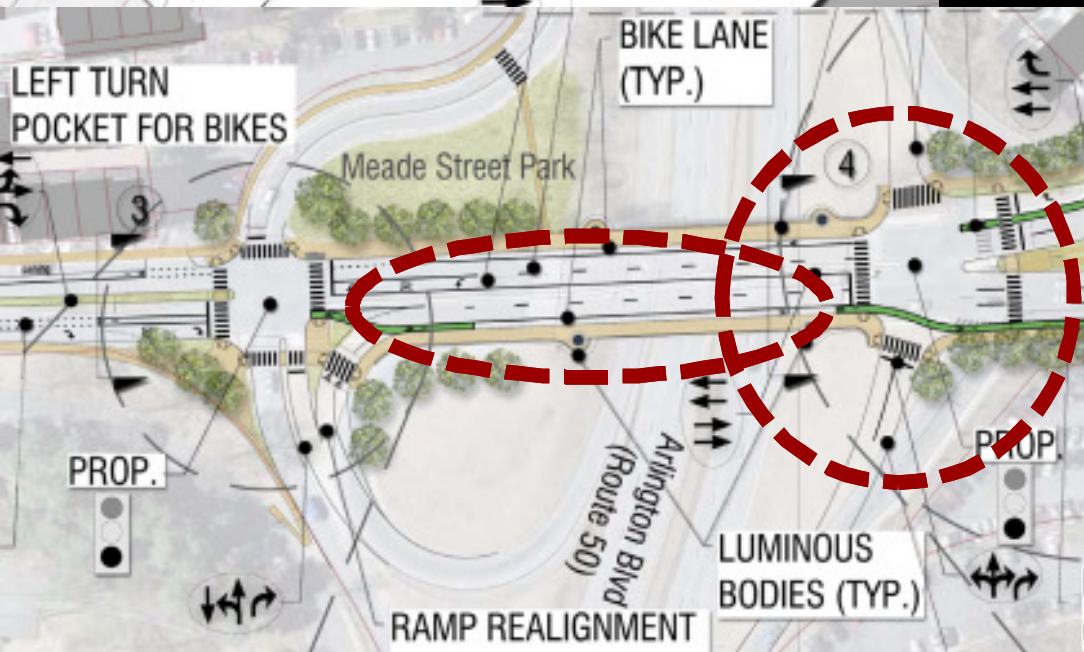
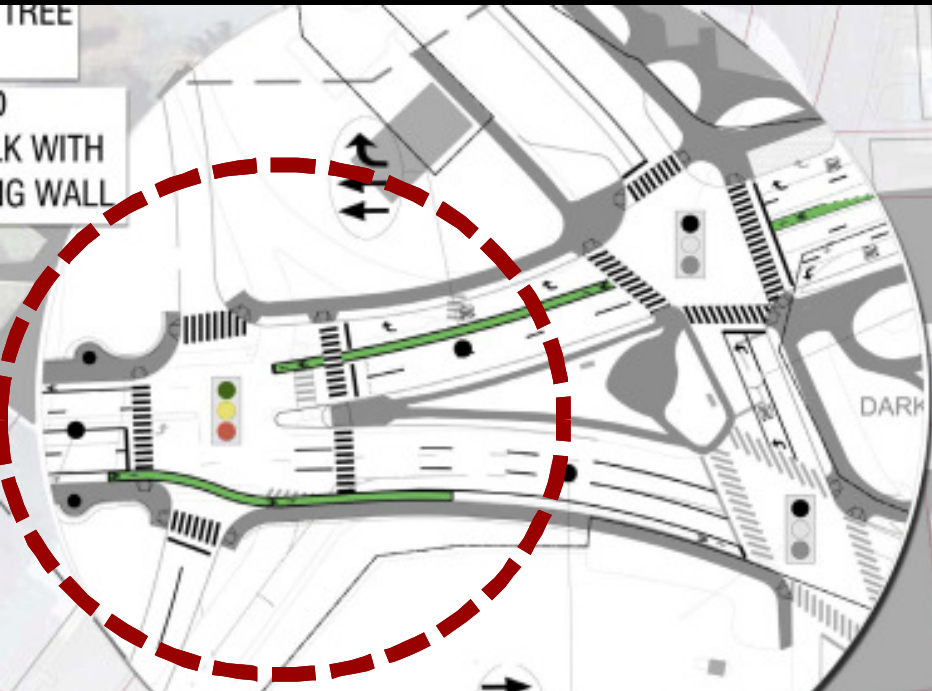
Meade Street - North of 14th St N.



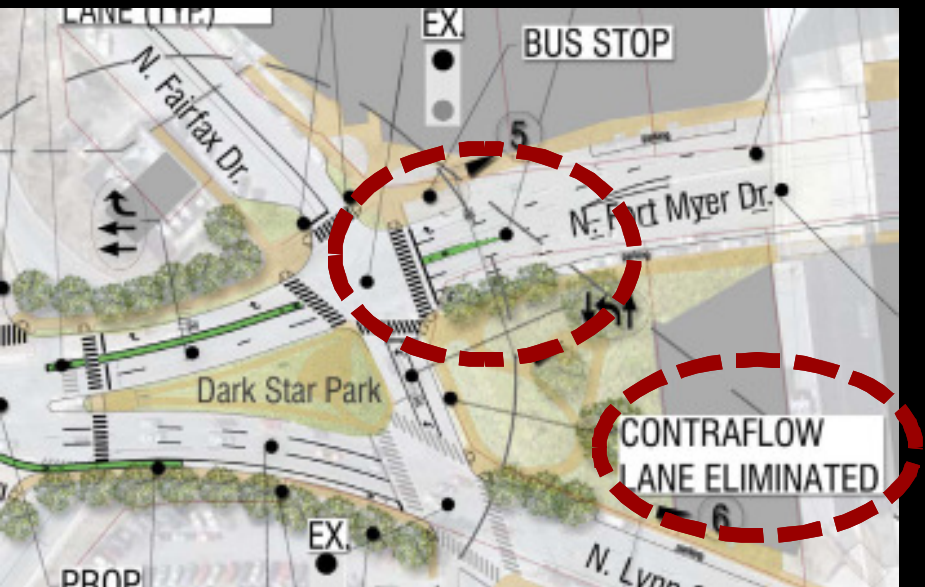
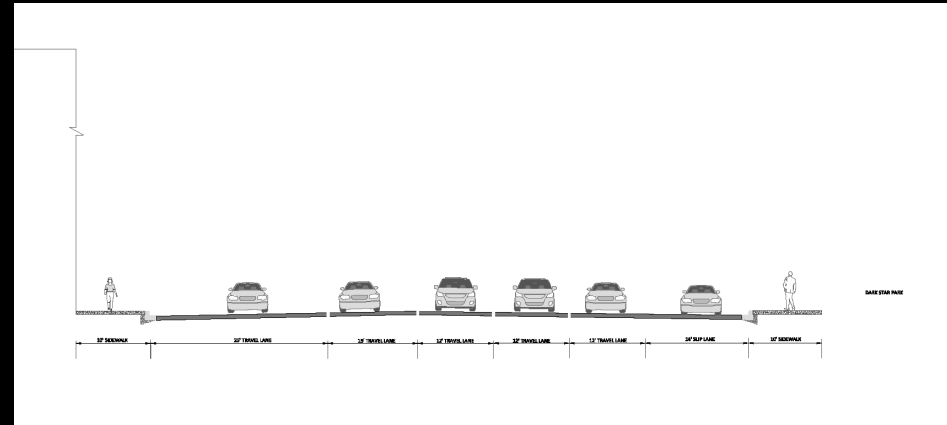
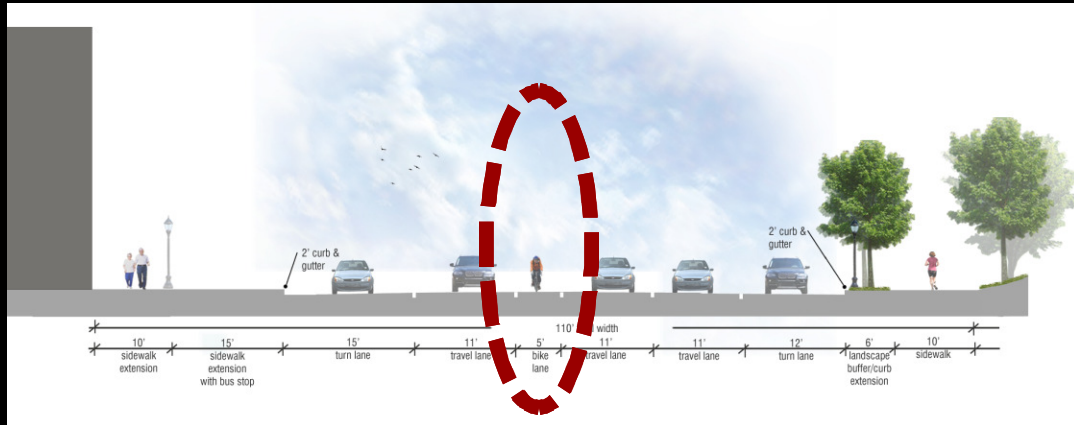
Meade Street Bridge (EB Ramp)



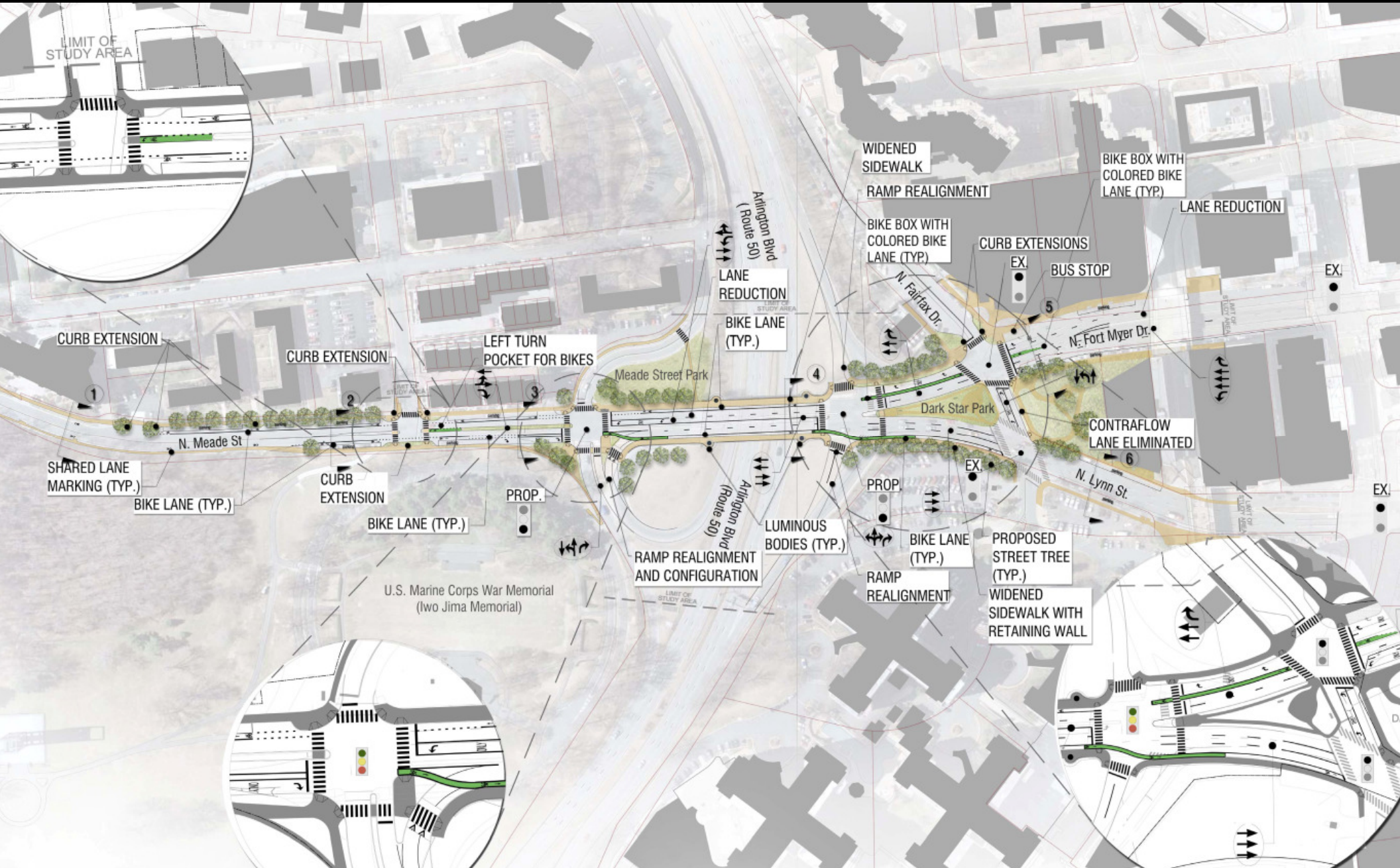
Meade Street Bridge (WB Ramp)



North Fort Myer Drive



Preferred Alternative



Thank You

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David Goodman, RA, AICP
Arlington County
Department of Environmental Services
DGoodman@arlingtonva.us

Schedule:

- Open House (part I) 6:30 - 7:00
- Intro/Presentation 7:00 - 7:30
- **Open House (part II) 7:30 - 9:00**

Next:

- Design Team & County to Finalize Preferred Concept
- Initiate Reviews with Additional Stakeholders



Project Website
<http://tinyurl.com/MeadeStreet>



Concept Alternatives Comparison Matrix

| | Meade Street (south of 14 th St.) | US-50 EB Off-Ramp/ Arlington Blvd. Service Road Int. | Meade Street Bridge (Luminous Bodies Applies to all Concepts) | US-50 WB On/Off-Ramps Int. (realign. of Off-Ramp applies to all Concepts) | N. Fairfax Dr. Intersections | | | | |
|-----------------------------------|---|--|---|--|--|-----------------------------------|---|---|--|
| Concept A (Spot Improv) | Retains Existing Config | A.1: Signalized 2030 LOS B (B) [A] | Minimal Modifications | Retains Existing WB On- Ramp Config. | A.1 Signalized 2030 LOS C (B) [C] | Retain Contra- flow Lane | 2030 LOS D (C) [C] | | |
| | Sharrows | A.2: No Signal 2030 LOS F (F) [D] | | | A.2 No Signal 2030 LOS F (F) [F] | | | | |
| | No Left Turn Pocket | | | | | | | | |
| Concept B (Moderate Improv) | Retains Parking (Marathon Staging) | Signalized | 2030 LOS B (B) [A] | B.1 | Moderate Cost | Signalized | B.1 | Intersect. Config | Contraflow Lane Removed |
| | Bike Lanes | | | | Lane Configuration | | | No NB Left Turn Lane to US-50 WB On-Ramp 2030 LOS D (B) [B] | Sharrows |
| | Left Turn Pocket | | Intersect. Config. | B.2 | Moderate Cost | Signalized | B.2 | Intersect. Config | Retain Sidewalk along N. Lynn Street |
| | | | | | Lane Configuration | | | NB Left Turn Lane to US-50 WB On-Ramp 2030 LOS C (B) [B] | |
| Concept C (Complete Improv) | Removes Parking (Marathon Staging) | Signalized | Traffic LOS F (B) [B] | C.1 | New Bridge (Cost) ~\$700k+ | Signalized | Intersection Configuration 2030 LOS C (B) [B] | Contraflow Lane Removed | |
| | Bike Lanes | | Intersect. Config. | C.2 | Parallel Pedestrian Bridges ~\$400k (Future impr. to ex. Bridge) | | | Bike Lanes | |
| | Left Turn Pocket | | | | | | | 2030 LOS D (C) [B] | Widened Sidewalk along N. Lynn St |