



City of Takoma Park  
New Ave Bikeway

# **New Ave Bikeway Preliminary (30%) Design**

**City Council Meeting  
May 17, 2017**

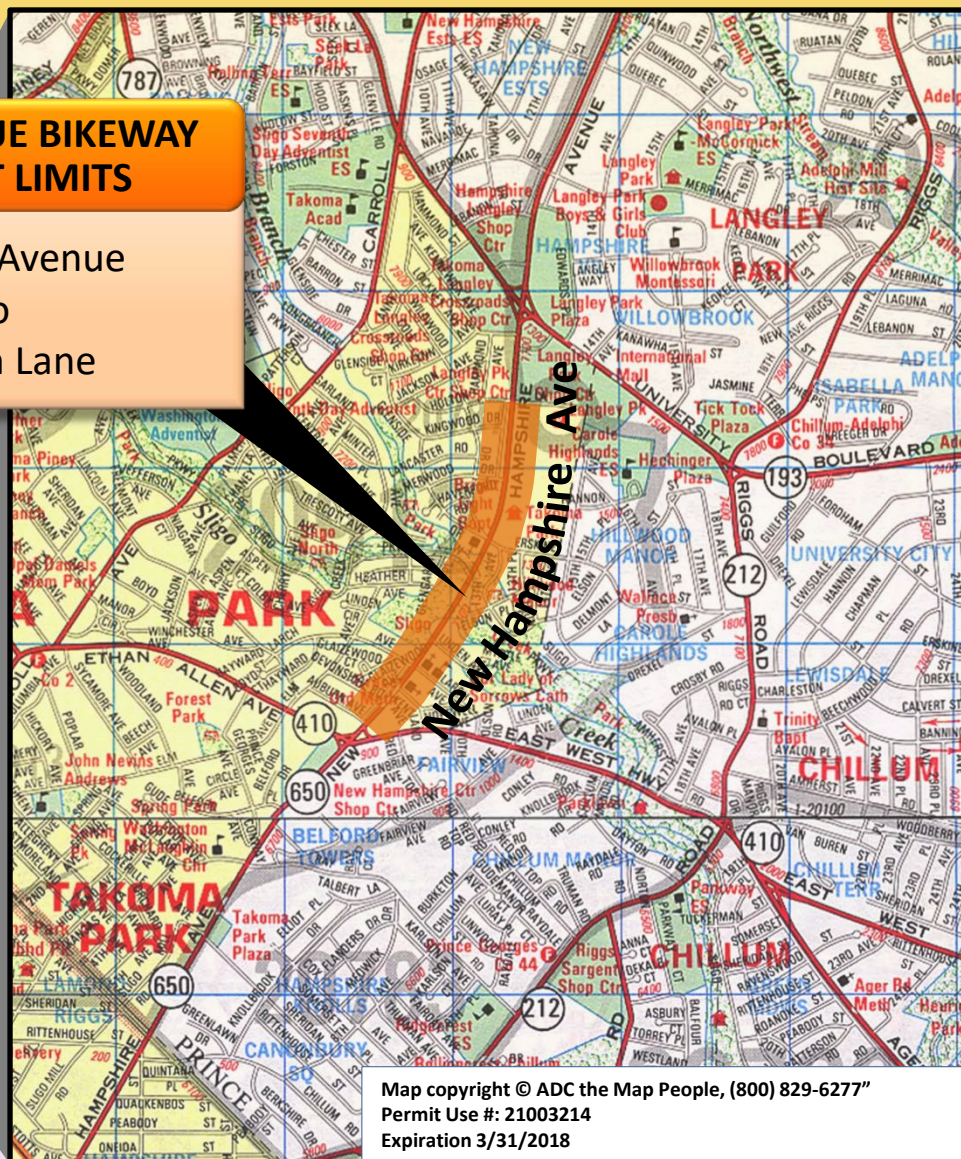
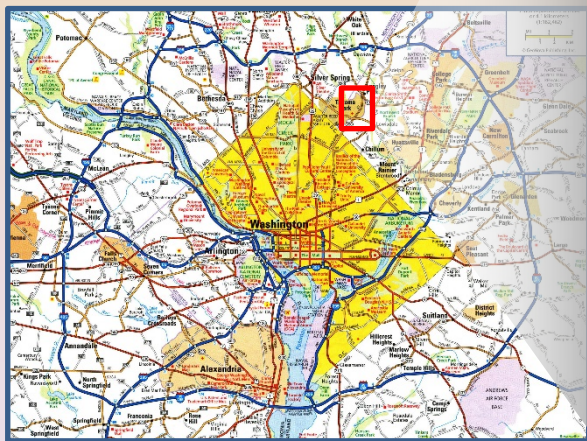


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# Project Location

## NEW AVENUE BIKEWAY PROJECT LIMITS

Auburn Avenue  
to  
Holton Lane



Map copyright © ADC the Map People, (800) 829-6277"  
Permit Use #: 21003214  
Expiration 3/31/2018



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# Project Goals

- Low-stress, safe, enjoyable bikeway
  - ❖ west side of MD 650 (Auburn to Holton)
- Minimize impacts to property and utilities
- Pedestrian/bicycle improvements at intersections
- Low-Impact Stormwater Management (SWM)
- Utilize project as a model for bikeway retrofits in the area



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# Design Approach / Recommendations

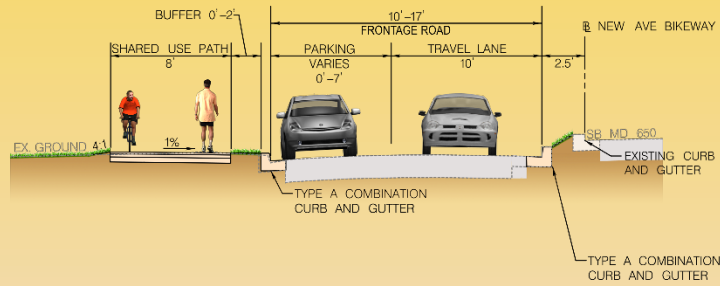
- 30% Design Complete
  - ❖ Plans posted on City's project site
- Utilize available frontage roads
  - ❖ Carefully reviewed each segment of corridor
  - ❖ 3 Key Facility Types
    - Shared-use path (SUP) adjacent to frontage road
    - Trail/SUP through M-NCPPC property
    - SB shared frontage road lane with Contra-flow lane
- MD 650/Sligo Creek Pkwy Bridge Modifications
  - ❖ Provide minimum width SUP at intersection & Sligo Creek Trail
- ADA-compliance upgrades
- Typical Sections
  - ❖ 5 segments



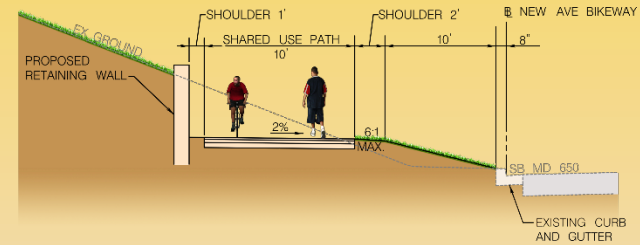


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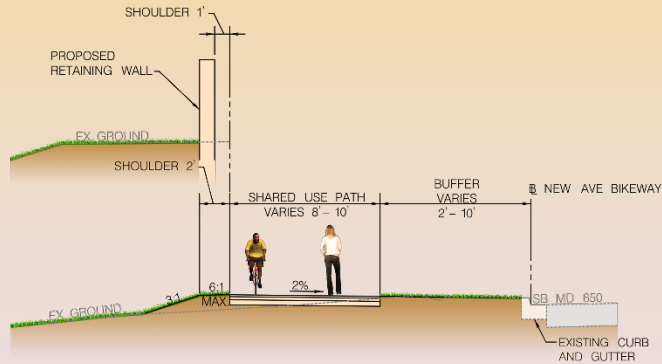
# Typical Sections



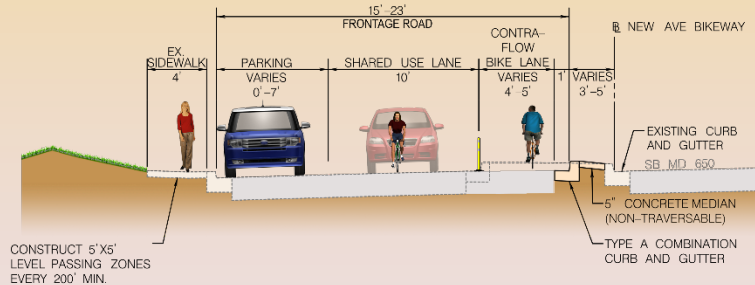
**NEW AVENUE BIKEWAY**  
AUBURN AVE TO LARCH AVE



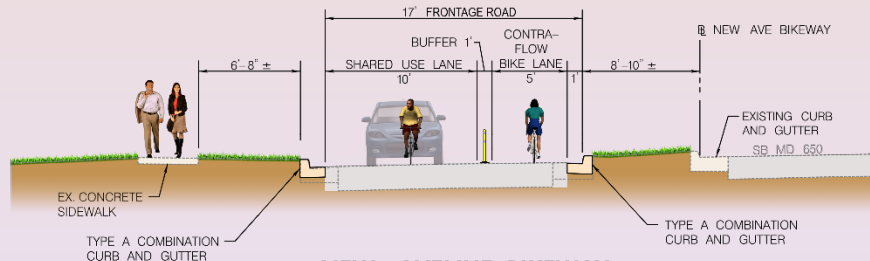
**NEW AVENUE BIKEWAY**  
SOUTH OF SLIGO CREEK PKWY  
(STA. 117+25 TO 119+75, LT)



**NEW AVENUE BIKEWAY**  
LARCH AVE TO GLENSIDE DR



**NEW AVENUE BIKEWAY**  
GLENSIDE DR TO KINGWOOD DR



**NEW AVENUE BIKEWAY**  
KINGWOOD DR TO HOLTON LN



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# Requirements to Implement New Ave Bikeway

- Traffic signal modifications
- SWM (Concept)
  - ❖ Porous asphalt shared-use path
    - 4 segments identified
    - Locations limited by roadway slopes
    - Locations subject to soil types
  - ❖ Micro-bioretenention
    - 4 locations identified
    - Actual number and locations are dependent on soil borings / testing results



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# Requirements to Implement New Ave Bikeway (Cont'd)

- Utility Impacts
  - ❖ Pole relocations (9)
- Property / Right of Way Impacts
  - ❖ SHA
  - ❖ M-NCPPC
  - ❖ WSSC
  - ❖ Bright Light Baptist Church
  - ❖ Vanic LLC



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# Additional Considerations New Ave Bikeway

- Lighting

- ❖ Upgrade existing HPS lights to LED lights
  - West side of MD 650
  - Replace PEPCO leased lights on utility poles
    - LED provide “white” in lieu of “amber” light
    - LED are more energy-efficient
  - Install supplemental LED leased lights on utility poles
    - Evaluate supplemental lighting needs





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# Next Steps

- Project funded through 30% design
  - ❖ City to investigate additional funding sources
- Follow-up with owners impacted by the project
  - ❖ SHA, M-NCPPC
  - ❖ Brightview Baptist Church
  - ❖ Vanic LLC
  - ❖ WSSC, Utility Companies
- Prepare NRI/FSD
- Start Mandatory Referral Process