



# Joint County Board and School Board Work Session

February 19, 2016

*REVISED*



- New Elementary School at the Thomas Jefferson Site
- Transportation Options for the New Middle School at the Stratford Site



## APS 2014 Capital Improvement Plan (CIP)

- \$50,250,000 for new elementary school.
- School Board's preferred site was Thomas Jefferson MS for a new elementary school.

## Thomas Jefferson Working Group

- TJ Working Group concluded an elementary school “could” be built next to Thomas Jefferson, but did not agree if a school “should” be built there.
- County Board's January 27, 2015 decision: “not now”
- Following County Board decision, School Board appointed the South Arlington Working Group.



## South Arlington Working Group

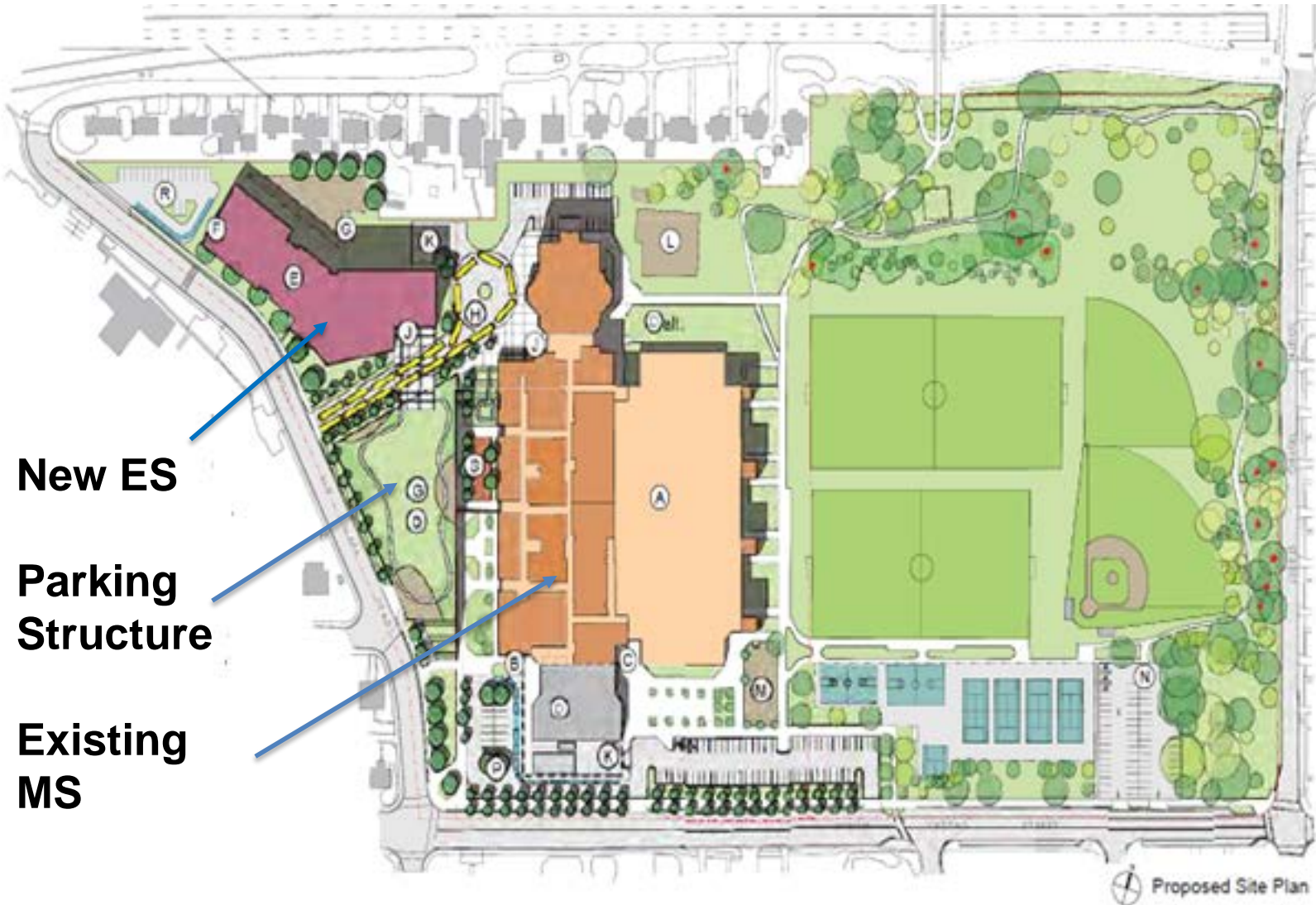
A substantial majority of the group preferred three actions:

- **Build** a new school for Henry Elementary on the Thomas Jefferson site to open in 2019.
- **Move** the Montessori Program from Drew to the current Henry building to open seats that can help relieve crowding.
- **Plan** now for a second elementary in the Pentagon City area after 2019.



- In December 2015 both County Board and School Board approved Jefferson as the site for the new neighborhood elementary school.
  - As part of the School Board motion, staff were directed to hold additional meetings with school communities that could be affected by the program moves preferred by the South Arlington Working Group.
  - Staff recommendation to School Board by March 17 regarding potential program moves.
  - Staff recommendation to School Board by April 1 regarding need for additional new ES in Pentagon City area.

# Site Plan



**New ES**

**Parking  
Structure**

**Existing  
MS**

# Proposed Coordinated BLCP/PFRC



- The BLPC and PFRC will use the guidelines and design principles in the TJWG Report.
- The BLPC and PFRC will hold joint meetings at key stages of the project.
- The School Board and County Board will closely coordinate the appointments of members to represent civic associations and other stakeholder groups on both committees.

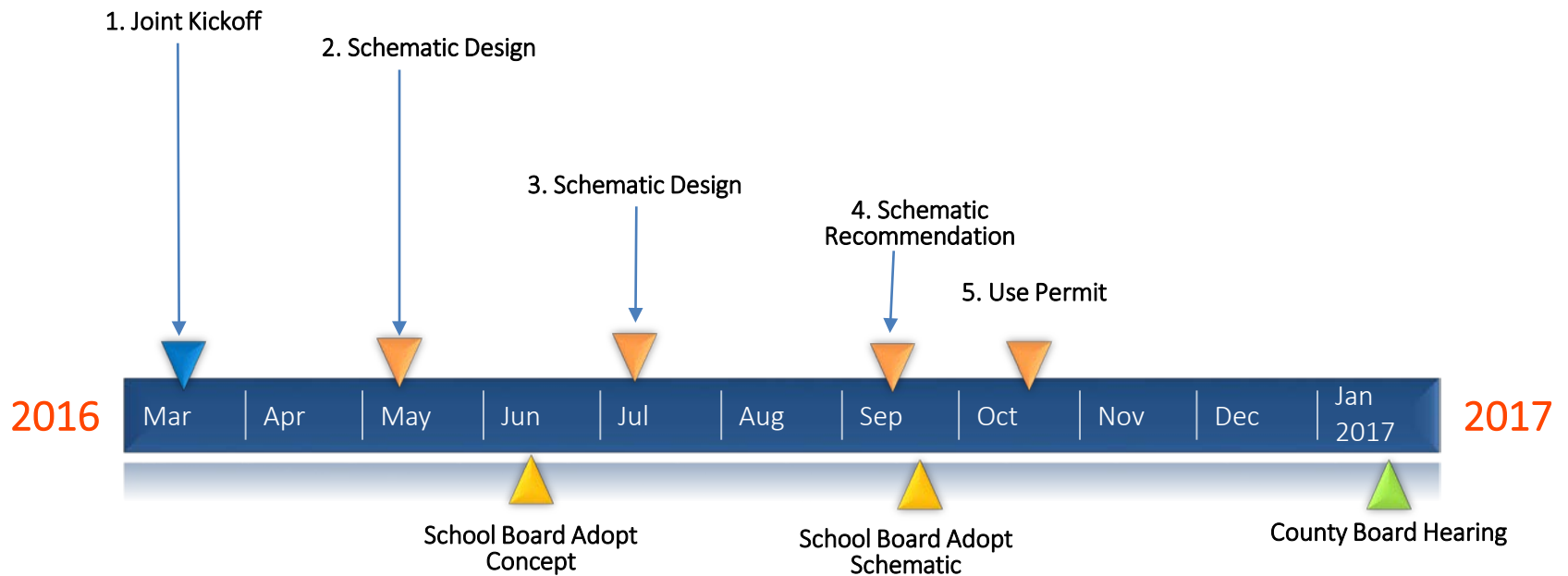
# Proposed Coordinated BLPC/PFRC



- The School Board and County Manager each appoint appropriate staff to support and guide the work of the committees.
- The chairs meet regularly with appointed staff to plan and develop the process and the agendas and deliverables for each of their respective meetings and for the joint meetings.
- Sub-committees are formed, as needed, that may include additional members.
- Goal is to increase coordination among PFRC/BLPC process for future projects

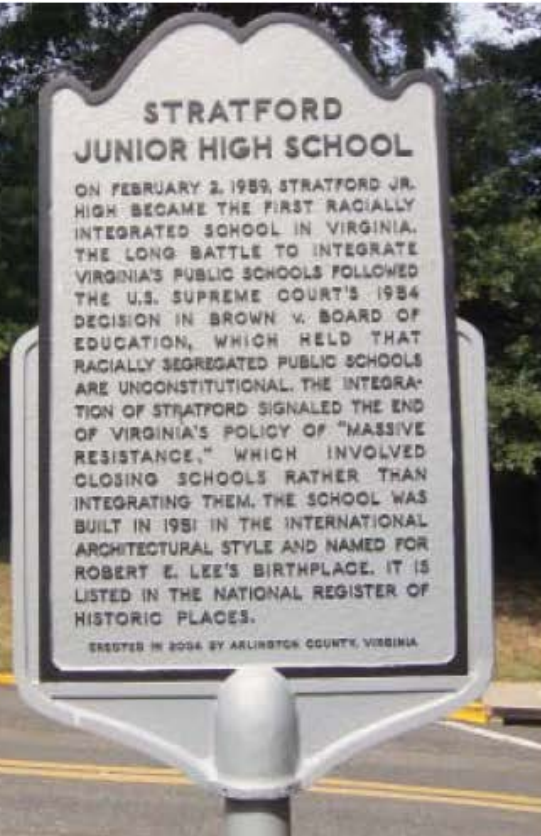


# Proposed Timeline



# Discussion





## Transportation Options for the New Middle School at the Stratford Site



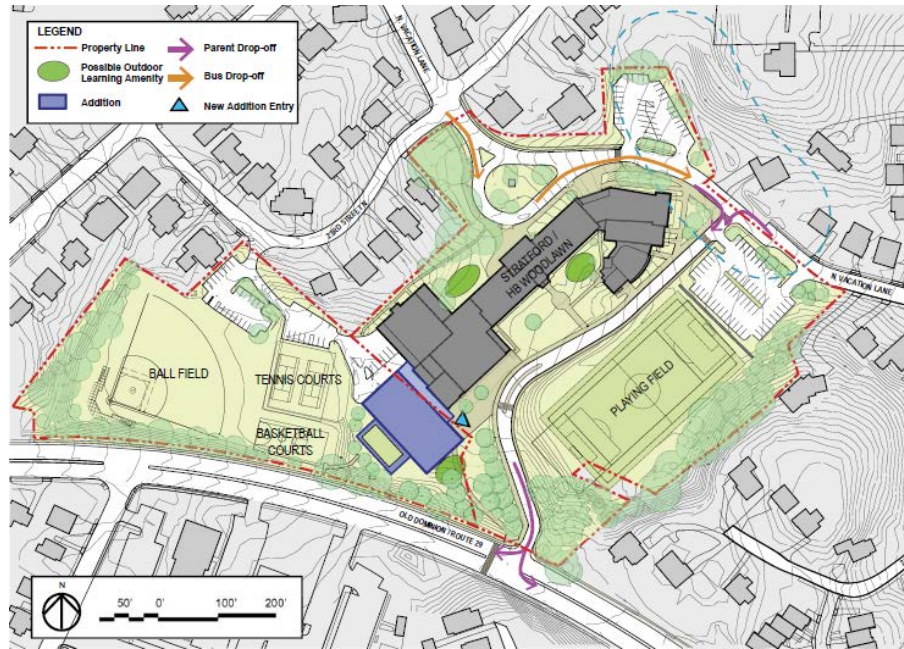
- Concept Design Approved by School Board, November 16, 2015
- Currently in Schematic Design Phase
  - Completed 20 BLPC meetings
  - Completed 9 PFRC meetings
  - Completed Draft Transportation Impact Assessment (TIA) for County and VDOT Review
- Upcoming Milestones
  - School Board Action on Schematic Design, April 2016
  - Use Permit Application Submission, April / May 2016

# Stakeholder Groups



- Immediate Neighbors
- Parents of New Middle School Students
- APS Department of Instruction
- County and APS Advisory Groups:
  - BLPC
  - PFRC
  - HALRB
  - FAC
  - E2C2
  - Parks and Recreation
  - Planning
  - Transportation
  - Urban Forestry
- Construction Team

# Approved Concept Design



**Site Plan**

**With Driveway Connection**



**Alternative Site Plan**

**Without Driveway Connection**

# Site Design Considerations



- Pedestrian / Bicycling Safety
- Volume of Vehicular Trips
- Impact on Environment (Trees, Stormwater, Etc.)
- Impact on Resource Protection Area (RPA)
- Impact on Historic Resources
- Fire Department Access
- Recreation Field Amenities / Size
- Construction Access
- Total Project Cost

# County Presentation Overview



- Traffic Impact Analysis
- Proposed Infrastructure Recommendations
- Mitigation and Future Analysis
- Environmental Impacts
- Community Input



# Vehicle Trip Summary



		AM	PM
Existing Trips	1 <sup>st</sup> peak hour*	179	96
	2 <sup>nd</sup> peak hour*	364	266
	TOTAL existing	543	362
Projected Future Trips (1,000 seats)	Peak hour**	804	505

Sources: \*March 2015 Driveway Counts and Manual Counts  
 \*\*Drive rate assumption: 35% (75<sup>th</sup> percentile of APS middle schools)

- Existing Buses: 19 (38 trips)
- Proposed Buses: 13 (26 trips)

**Note:** A vehicle “trip” includes both “in” and “out” movements  
*One parent drop-off is considered 2 “trips”*



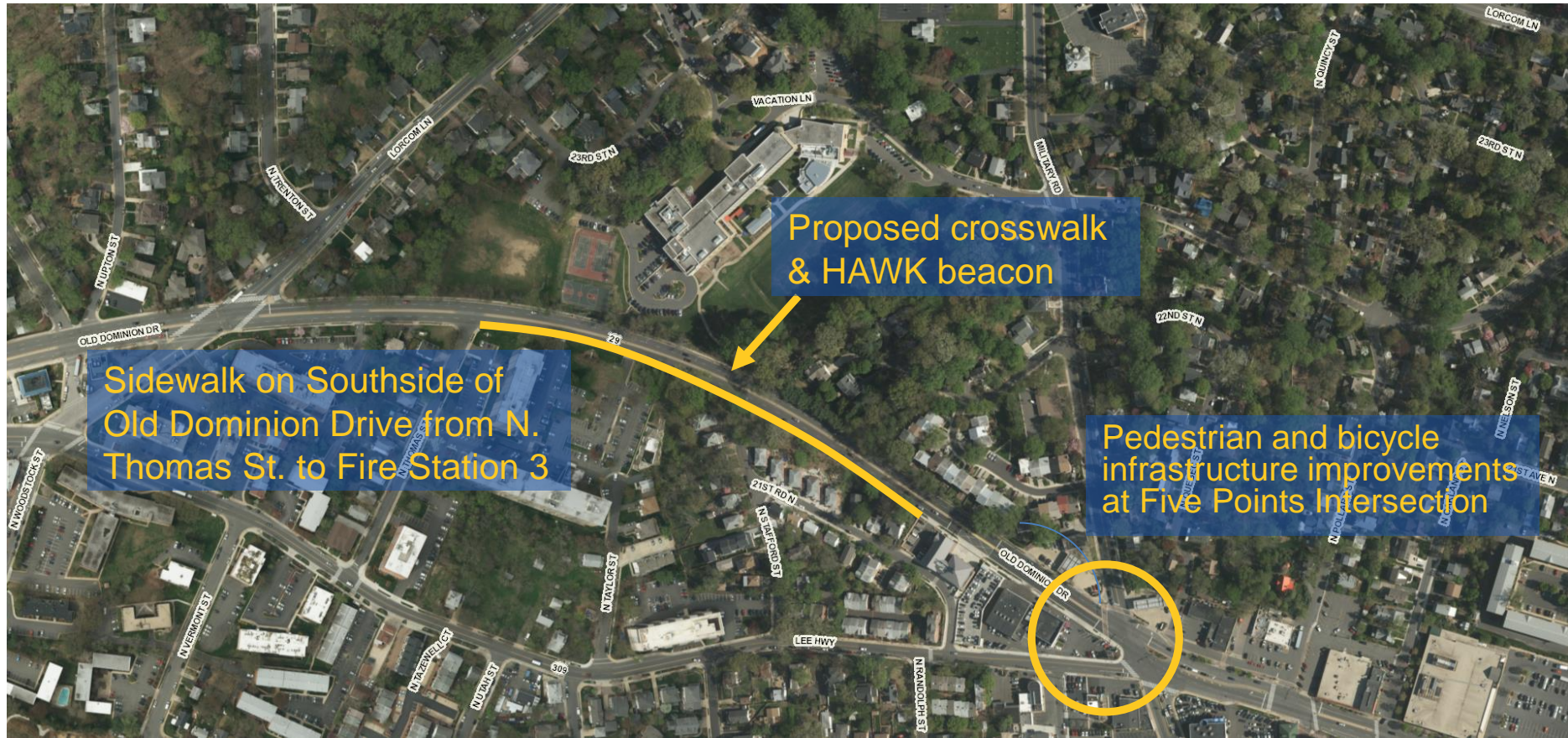
*“Toole Design Group (TDG) does not consider the driveway a necessity from a transportation and safety perspective.”*

- November 5, 2015 School Board Information Meeting

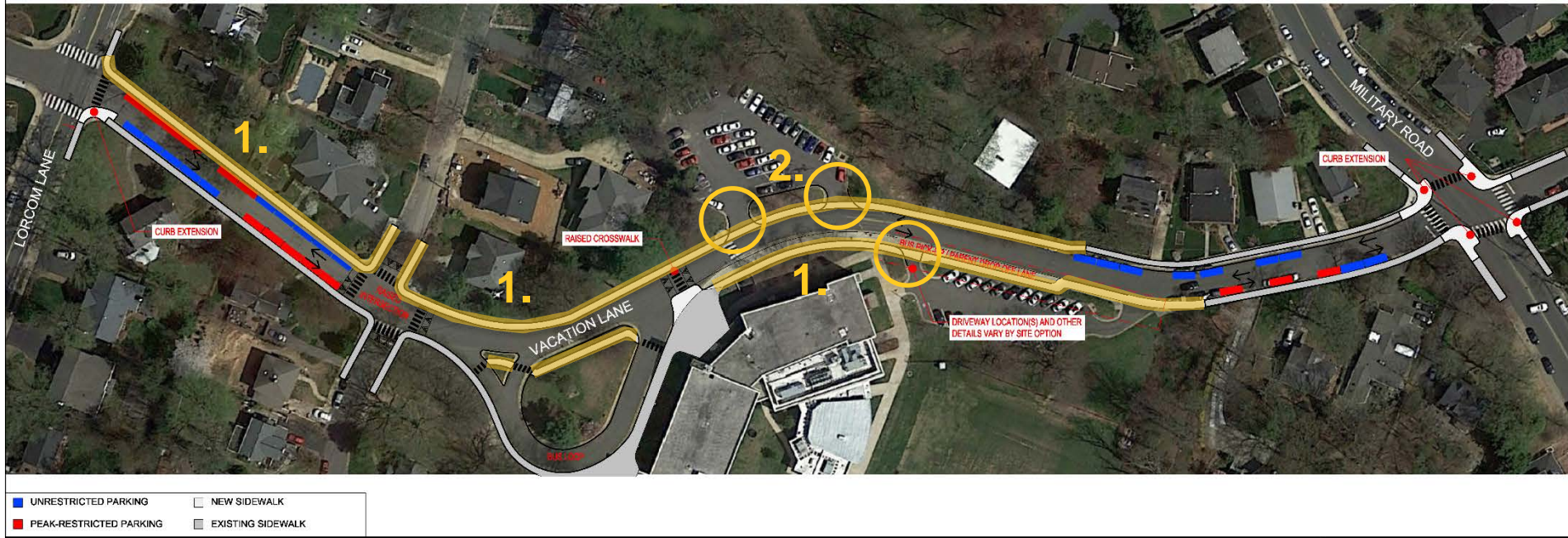
*“TDG’s trip generation numbers are based on transportation analysis best practices and supported by the data.”*

- December 21, 2015 BLPC

# Proposed Infrastructure Improvements

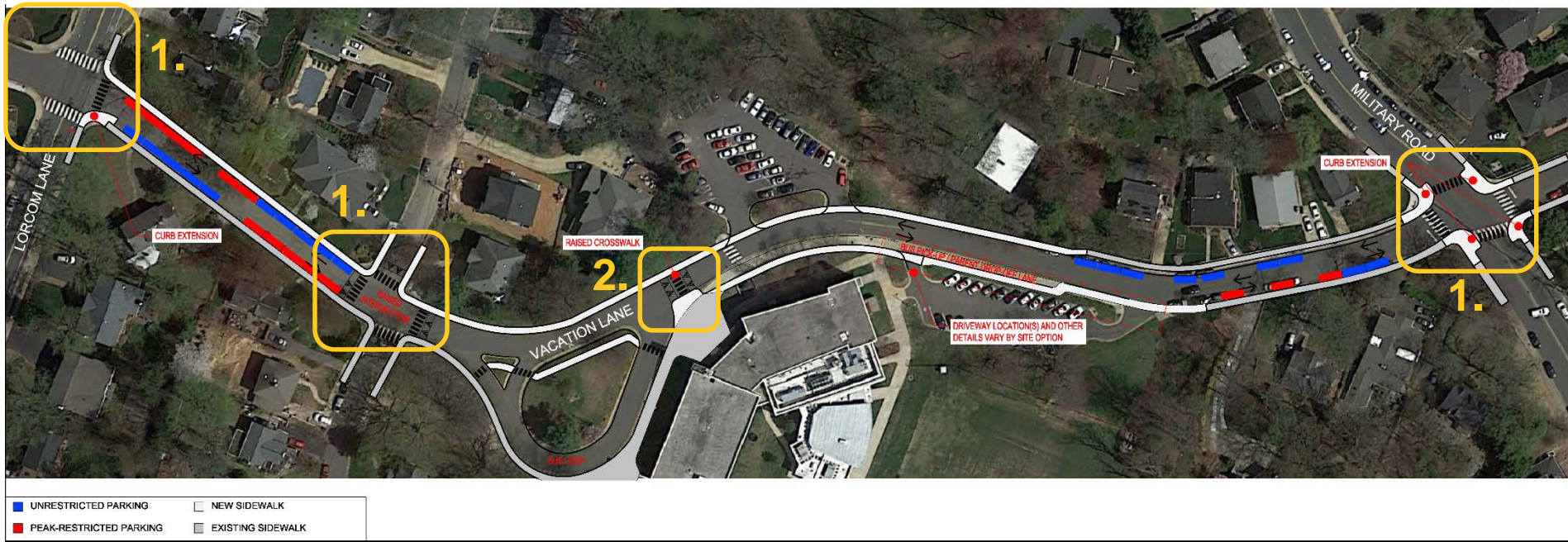


# Proposed Infrastructure Improvements



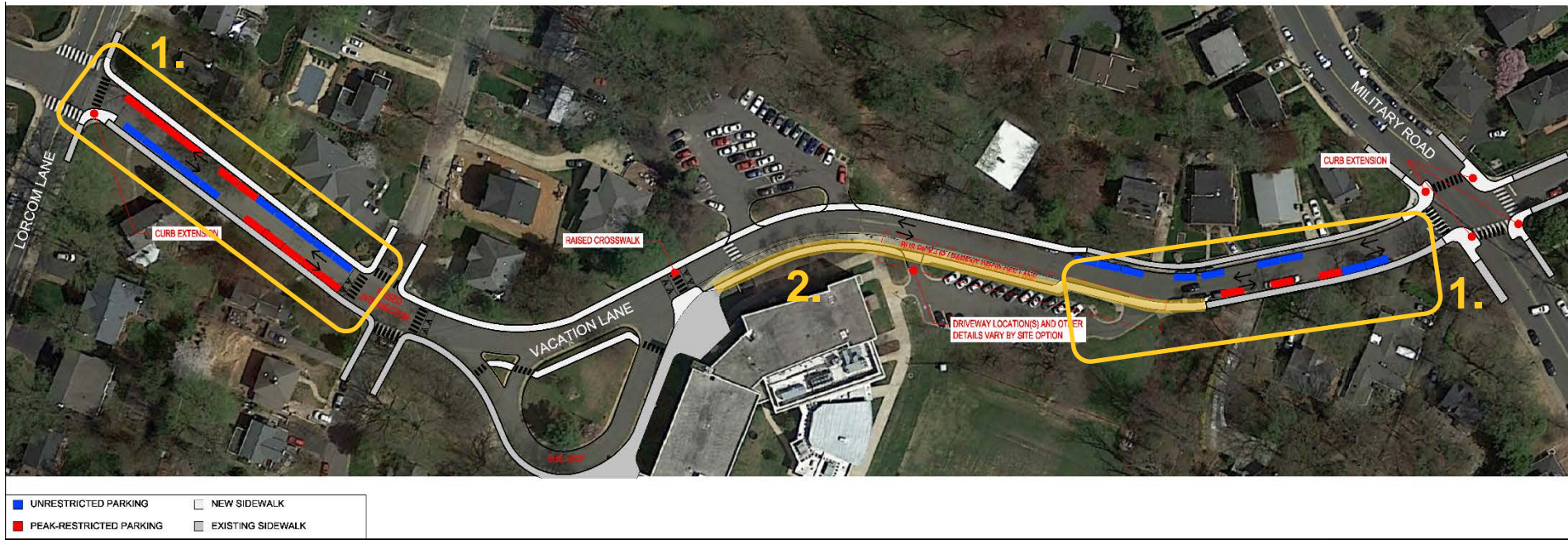
1. Continuous sidewalks on Vacation Lane (connect missing links)
2. Sidewalk through driveway entrances

# Proposed Infrastructure Improvements



1. Intersection improvements: curb extensions, crosswalks
  - Vacation Lane and Lorcom Lane
  - Vacation Lane and 23<sup>rd</sup> St. N
  - Vacation Lane and Military Road
2. Curb extension and crosswalk improvements at building entrance

# Proposed Infrastructure Improvements



1. Parking restrictions on alternate sides of the road
  - Allows for 2-way travel lanes during peak times
2. Curb lane
  - Widens Vacation Lane allowing 2-way travel
  - Provides curb-space for vehicles in AM and buses in PM



- Transportation Demand Management (TDM)
- Public Transit (ART)
- Potential Remote Drop-off Locations
- Use Permit Condition: Pick-up and Drop-off Procedures
- On-going and Future Traffic Operations (Precedents)

# Transportation Demand Management



		AM	PM
Existing Trips	1st peak hour	179	96
	2 <sup>nd</sup> peak hour	364	266
	TOTAL existing	543	362
Projected Future Trips	Peak hour	804	505
TDM Projected Future Trips	Peak hour*	695	437

Source: \*Drive rate assumption: 30%

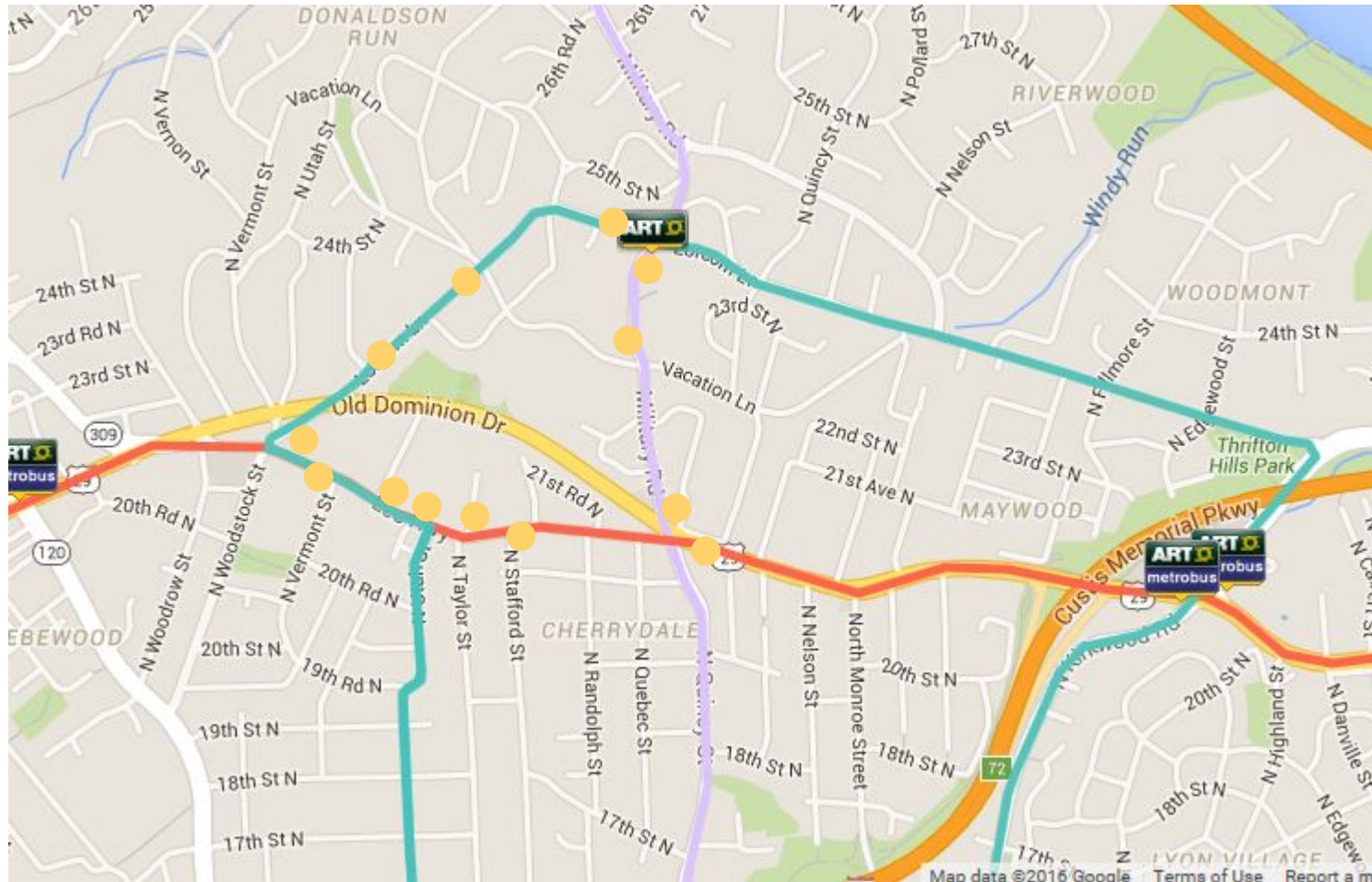
**Note:** A vehicle “trip” includes both “in” and “out” movements  
*One parent drop-off is considered 2 “trips”*



# Public Transit



- **ART 55**  
Lee Highway
- **ART 53**  
Military Rd.  
Quincy St.
- **ART 62**  
Lorcom Lane



# Remote Drop-off



- 1 Cherrydale Library
- 2 Military Road (St. Andrews Episcopal Church)
- 3 N. Thomas Street (Horizon Apartments)
- 4 Other locations TBD

# Pick-up and Drop-off Procedures



- Post-occupancy study within first year
- Field observations (typical and inclement weather)
- Engagement with near neighbors and civic associations
- Plan for implementation of any recommendations

# On-going Traffic Operations



Ashlawn ES  
8<sup>th</sup> Road N.



Discovery ES  
N. Harrison & 36<sup>th</sup> St. N.

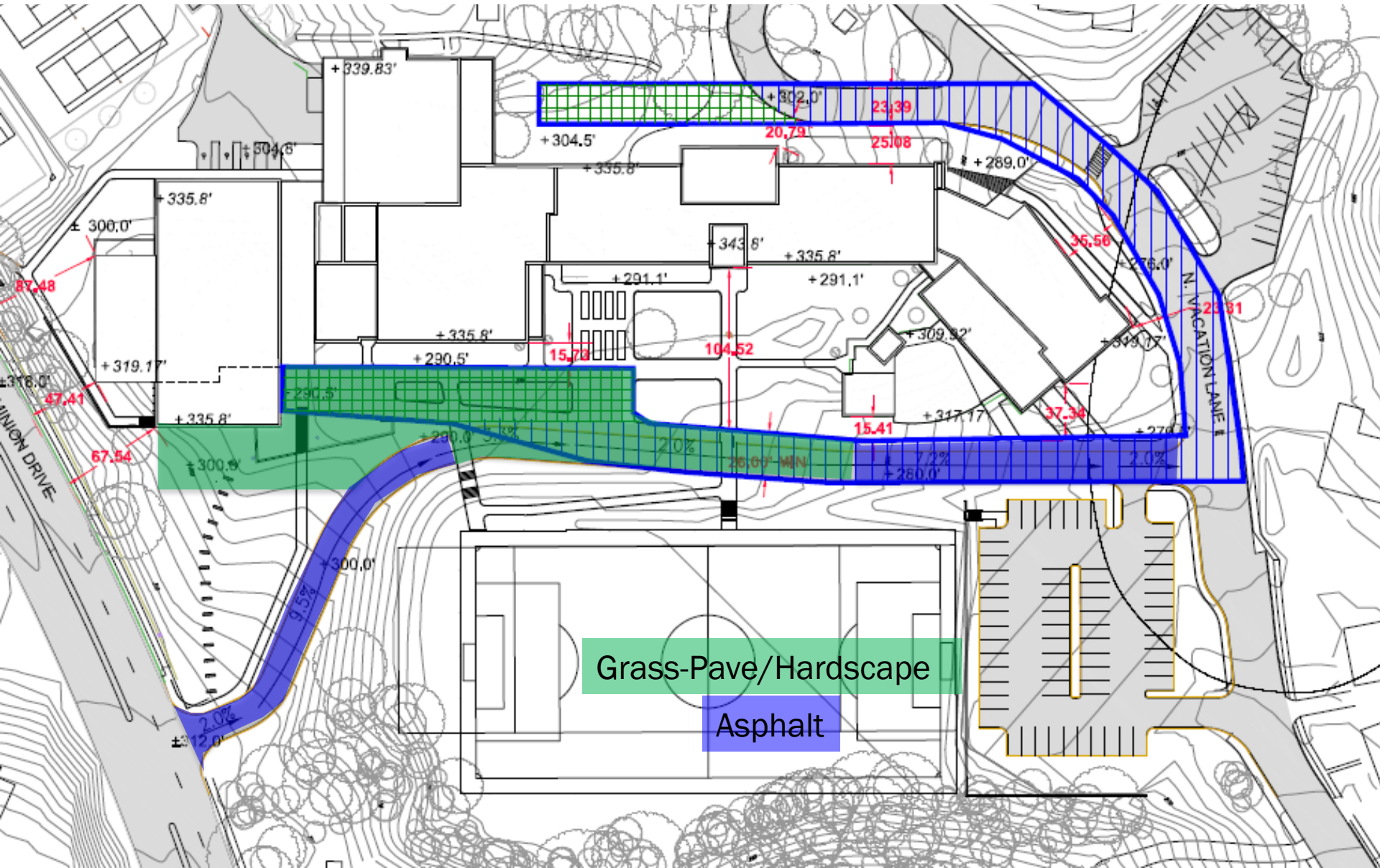
# Environmental Impact: Trees



**163 total trees**  
to be removed

No driveway would  
have **20-30 fewer**  
trees removed  
(12-18%)

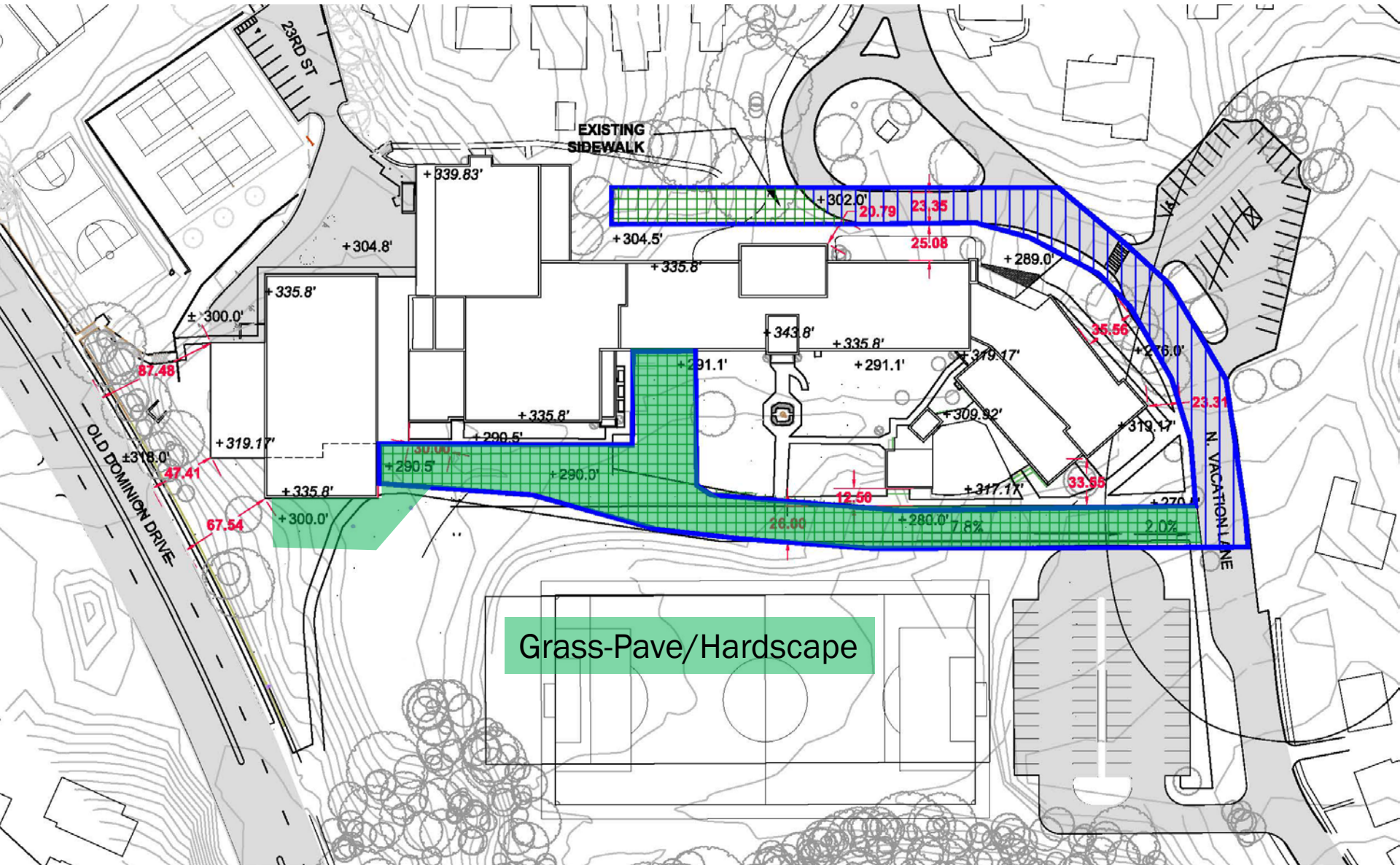
# Impervious Impact & Fire Access



Grass-Pave/Hardscape

Asphalt

# Impervious Impact & Fire Access





- Input received in opposition of the Old Dominion connection:
  - Environmental & Energy Conservation Commission (E2C2)
  - Parks and Recreation Commission
  - Transportation Commission
  - Urban Forestry Commission
- Input received supporting the Old Dominion connection:
  - Coalition for a Safe Stratford Petition
  - Donaldson Run Civic Association
  - Near Neighbors





- County Hosted Open House on Transportation, date TBD
- School Board Action on Schematic Design, April 2016\*
- Use Permit Application Submission, April / May 2016\*

\* Dependent on resolution of site design (Driveway vs. No Driveway)

# Discussion





# Joint County Board and School Board Work Session

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