



**NOTICE OF MEETING
TRAFFIC AND TRANSPORTATION COMMISSION**

Jude Abanulo, Chair
Garrett Clemons Alan Kaplan
Thomas Gibney Jeremy Martin
Cynthia Griffiths Mike Stein
Gerald Holtz

**Rockville City Hall
Black Eyed Susan Conference Room
Tuesday, January 23, 2018 at 7:30 PM**

AGENDA

- 7:30 – 7:35 1. General Announcements, Introductions, and Public Comments
- 7:35 – 7:45 2. Bicycle/Pedestrian Crash Report – Staff Presentation
- 7:45 – 7:50 3. Development Review: Maryvale Elementary School – Staff Introduction
- 7:50 – 8:05 4. Development Review: Maryvale Elementary School – Applicant Presentation
- 8:05 – 8:20 5. Development Review: Maryvale Elementary School – Commission Discussion
- 8:20 – 8:25 6. Review and Approve December Meeting Minutes
- 8:25 – 8:30 7. Staff Report & Updates
- 8:30 – 8:35 8. Additional Items/ Discussion

Next Meeting: Tuesday, February 27, 2018 at 7:30 PM

ANY INDIVIDUALS WITH DISABILITIES WHO WOULD REQUIRE ASSISTANCE TO ATTEND THIS MEETING, OR WHO HAVE QUESTIONS ABOUT ACCESSIBILITY MAY CONTACT THE ADA COORDINATOR AT 240-314-8108 OR BY TTY 240-314-8137

January 17, 2018

Review of the Comprehensive Transportation Report
 Maryvale Elementary School and Carl Sandburg Learning Center,
 1000 1st Street,
 TNS2017-00243

Introduction:

The site is currently occupied by the existing Maryvale Elementary School, which is part of the Montgomery County Public Schools (MCPS) system. The existing school is 92,050 square feet. The School currently operates from 9:25 am to 3:50 pm., and the current school enrollment is 650 students.

Proposed Changes:

The application proposes to fully demolish the existing school building, and reconstruct an expanded new facility (123,237 square feet) that will house the Maryvale Elementary School and the Carl Sandburg Learning Center, currently located at 451 Meadow Hall Drive in Rockville. The projected total number of employees for both uses would be 185 and the total enrollment would increase to 804 students. The existing school is currently served by two access driveways along 1st Street.

Trip Generation

Traffic volumes generated by the increased in building square footage and projected enrollment is calculated using the Institute of Transportation Engineers Trip Generation Manual (ITE) 9th edition. AM and PM Peak hour trip generation for the proposed addition based on the increase in overall building square footage is shown below:

	AM			PM		
	IN	OUT	TOTAL	IN	OUT	TOTAL
Additional 31,187 s.f. (ITE - Code 520)	91	71	162	43	54	97

Analysis Results:

The applicant was required to study typical AM and PM commuter peak hours at the eight intersections and all site access points, as shown on Figure 1. The site is located outside the designated Rockville TOA (Transit Oriented Area). The CTR permitted threshold for all interest ions, except for the intersection of Lincoln Street and Pinewood Road (#7), is LOS D with a V/C ratio of 0.89. For the intersection of Lincoln Street and Pinewood Road, which is the intersection of two secondary residential streets, the CTR permitted threshold is LOS C with V/C ratio of 0.79.

These intersections were studied using three different scenarios: existing, background, and total future traffic conditions. An annual growth rate of one percent (1%) was applied to the trough traffic along major route serving the area (East Gude Drive), as the project is expected to be completed by year 2020. Beside the projected growth in regional traffic, there are no nearby-approved developments to be included in the background traffic. Intersection capacity analyses were conducted utilizing the Critical Lane Volume (CLV) method as required per the Comprehensive Transportation Report (CTR).

The table below presents the results of how each intersection operates with the existing, background and the total future traffic volumes.

Intersection	Measure of Performance	Existing Traffic		Background Traffic		Total Future Traffic	
		AM	PM	AM	PM	AM	PM
East Gude Drive and Southlawn lane	CLV	1071	1057	1090	1076	1093	1077
	LOS	B	B	C	B	C	B
	V/C Ratio	0.69	0.70	0.70	0.69	0.71	0.69
East Gude Drive and Taft Court/ Taft Street	CLV	811	869	830	885	834	889
	LOS	A	A	A	A	A	A
	V/C Ratio	0.52	0.56	0.54	0.57	0.54	0.57
Taft Street and First Street	CLV	398	406	398	406	423	425
	LOS	A	A	A	A	A	A
	V/C Ratio	0.25	0.25	0.25	0.25	0.26	0.27
First Street and Lincoln Street	CLV	212	219	212	219	295	255
	LOS	A	A	A	A	A	A
	V/C Ratio	0.13	0.14	0.13	0.14	0.18	0.16
Lincoln Street and Pinewood Drive	CLV	45	50	45	50	71	70
	LOS	A	A	A	A	A	A
	V/C Ratio	0.03	0.03	0.03	0.03	0.04	0.04
Taft Street and Lofstrand Lane	CLV	296	266	296	266	308	277
	LOS	A	A	A	A	A	A
	V/C Ratio	0.19	0.17	0.19	0.17	0.19	0.17
Horners Lane and Lincoln Street	CLV	699	597	699	597	720	619
	LOS	A	A	A	A	A	A
	V/C Ratio	0.44	0.37	0.44	0.37	0.45	0.39
Horners Lane and Southlawn Lane	CLV	672	718	672	718	675	720
	LOS	A	A	A	A	A	A
	V/C Ratio	0.42	0.45	0.42	0.45	0.42	0.45
First Street and North Driveway (#1)	CLV	322	262	322	262	378	294
	LOS	A	A	A	A	A	A
	V/C Ratio	0.20	0.16	0.20	0.16	0.24	0.18
First Street and South Driveway (#2)	CLV	189	181	189	181	237	204
	LOS	A	A	A	A	A	A
	V/C Ratio	0.12	0.11	0.12	0.11	0.15	0.13
First Street and Middle North Driveway (#3)	CLV					290	219
	LOS	N/A	N/A	N/A	N/A	A	A
	V/C Ratio					0.18	0.14

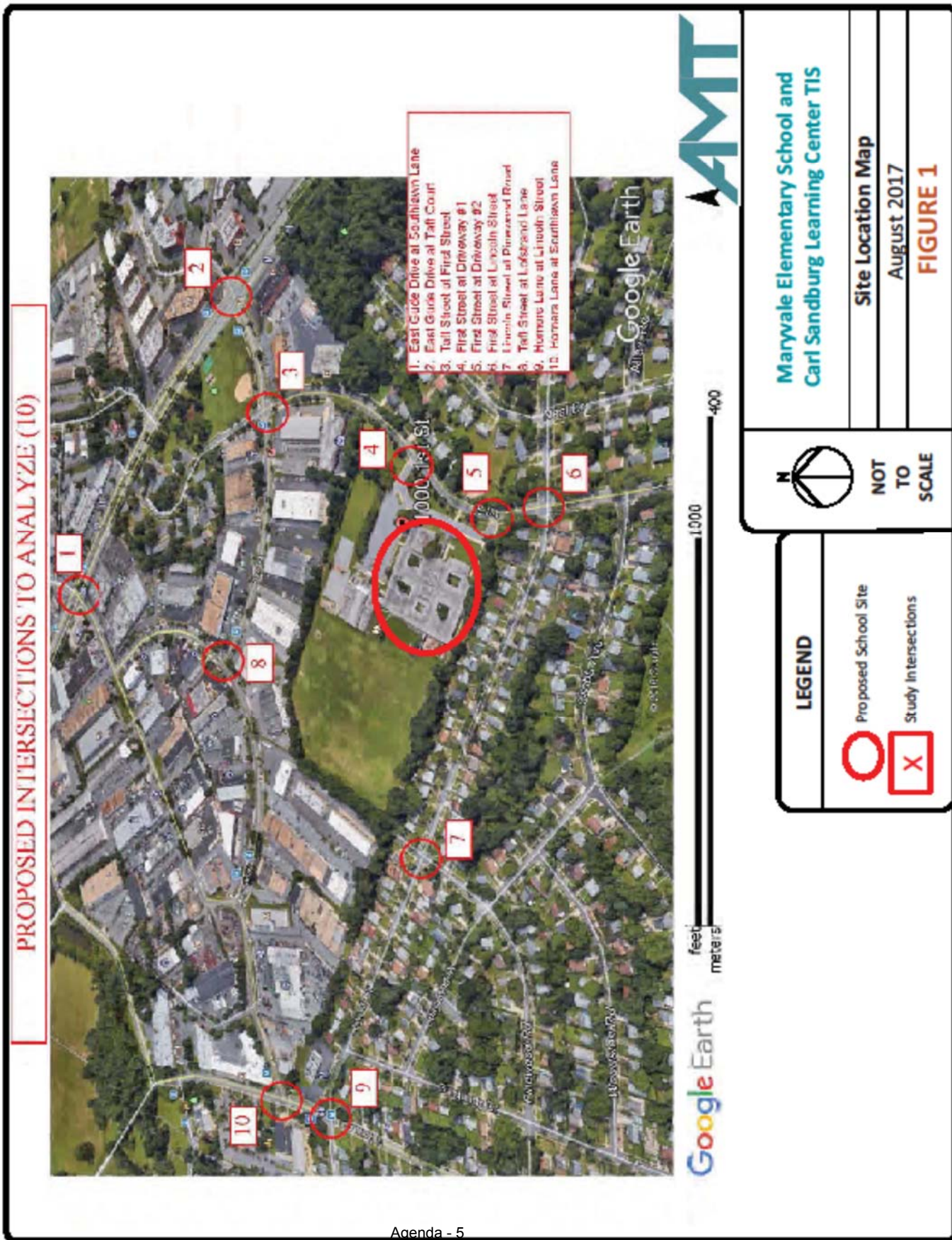
Other Related Information:

- A. Passenger Vehicle: The property currently contains two vehicular access points. The applicant proposes to add an additional access point and reconfigure the parking lot. The middle access point will be relocated approximately half the distance between the two existing access points. All three access points will permit full movement of vehicles.
- B. Heavy Vehicle (Trucks): Staff reviewed the circulation through the site and access to trash pickup and found it satisfactory.

Page 3

- C. Pedestrian/Bicycle: The applicant will provide the required bicycle parking spaces (short and long term) on the site. In compliance with the Bikeway Master Plan, the applicant will need to work with City staff to sign First Street as a shared roadway.

- D. Transit Access: The site is served by Montgomery County Ride On bus routes 48 and 59. Both routes operate seven (7) days a week, with a stop at the Taft and First Streets Intersection, which is near the subject site. The Metrorail Red Line and its Rockville Metro Station is located approximately 1.0 miles from the subject site.





**Traffic and Transportation Commission
Minutes**

Red Maple Conference Room

Meeting No. 07-17

Tuesday, December 12, 2017 at 6:30 PM

Commissioners Present: Jude Abanulo, Thomas Gibney, Cynthia Griffiths, Alan Kaplan,
and Mike Stein.

City Staff: Oleg Kotov, Daniel Seo

1. General Announcements, Introduction of Guests and Public Comment Period

- a. Commissioner Abanulo called the meeting to order at 7:40 p.m.
- b. Attendees introduced themselves.

2. Review of Guidelines for Neighborhood Traffic Management

- a. Mr. Kotov, Senior Transportation Planner, presented the City's Guidelines for Neighborhood Traffic Management and shared the Montgomery County's Traffic Calming Guidelines.
- b. No further action was requested by the Commission.

3. Update on Vision Zero

- a. Mr. Kotov provided an update on the City's Vision Zero and shared the Montgomery County's Vision Zero Two-Year Action Plan.

4. Review and Approve October 2017 Meeting Minutes

- a. Commissioner Gibney made a motion, seconded by Commissioner Griffiths to approve the October 2017 meeting minutes. The motion passed 4-0-1. Commissioner Abanulo abstained due to his absence at the October meeting.

5. Staff Report and Updates

- a. Staff provided the Weekly Report.

6. Additional Items/ Discussion

- a. The Commission discussed the invitation of the Lincoln Park Civic Association to their monthly meeting.
- b. The Commission asked City staff to present available traffic data regarding the traffic issues of the Lincoln Park Civic Association.

The meeting was adjourned at 8:50 p.m.

TRAFFIC AND TRANSPORTATION

Week Ending 1/7/2018

Administrative:

- *Staff is reviewing and updating the City's Traffic & Transportation webpage*
- *Staff prepared for the FY 2019 CIP meeting review with City Manager.*

Traffic Engineering/Operations: (DS)

- Number of mechanical counts to date (FY 18): 93
- Number of traffic turning movement and pedestrian counts to date (FY 18): 9
- Number of traffic signal preventive maintenance to date (FY18): 41
- *Completed 51 traffic signal service calls.*
- *Reviewed 28 Miss Utility calls.*
- *Conducted site visits to Lewis Ave/Highwood Rd, Bouic Ave/Chapman Ave, and S. Stonestreet Ave/Metro Kiss and Ride parking lot regarding service requests.*
- *Held a pre-proposal meeting for RFP 19-18, Traffic Signal Communication System CIP.*
- *Issued seven Work Orders regarding service requests.*
- *Finalized public comments and submitted a memo to City Manager recommending approval for the proposed parking permit restriction on Mercer Road.*
- *Responded to a request for traffic calming on Ritchie Parkway (between Brice and Edmonston).*

Streetlights (AL):

- *Completed 9 streetlight service calls*
- *Checked 9 lights.*
- *Reported 2 streetlight power outages to Pepco (no voltages).*
- Staff is coordinating with contractor to install LED lights on traffic signal poles at several intersections. Work is ongoing.

Bus Stops (OK):

- *Inspected around 40 bus litter receptacles.*
- IFB was awarded for 8 new bus shelters (and associated hardware/replacement parts) placed with the vendor.
- Submitted a grant application for the 2017 Enhanced Mobility Program (administered by MWCOG) for funding to improve accessibility and amenities at 78 bus stops and construct a sidewalk on Potomac Valley Rd. Per MWCOG's request, revised and resubmitted several sections of the application. Application has been accepted by MWCOG and is currently being reviewed by the selection committee.
- Repaired damaged shelter on Rockville Pike at Templeton Pl.
- Inspected shelters and trash cans on Rockville Pike, Veirs Mill and Twinbrook Ave.
- Discovered vandalism/panel damage to shelter on Twinbrook & Marshall. Reported to Police, working on repairs.
- *Repaired panels at 2 bus shelters on Rockville Pike at Talbott Street and on Hungerford Drive at Beall Ave.*

Pedestrian & Bicycle Coordination (OK):

- Twinbrook Bikeshare Expansion FY17. The City received \$100,000 MDOT grant to install two new Capital Bikeshare stations in the vicinity of the Twinbrook Metro station. Stations are expected to be in place in 2018.
- Received and evaluated a Bike Rack Grant Program application for Woodmont Plaza. Coordinating with owner to select optimal location for installation of two bike racks.
- Submitted plans for construction of the bikeshare station pad at Jefferson & Congressional to Construction Management. Pad construction completed.
- Prepared and distributed to RBAC an online survey to prioritize (for implementation) the shared roadway projects proposed in the Bicycle Master Plan. Presented preliminary survey results at October RBAC meeting.
- Completed sharrow installation on Harrison St, Park Rd, and Grandin Ave.
- Conducted site visits to Scott Dr, Veirs Dr, Research Blvd and Upper Watts Branch Forest Preserve to evaluate feasibility of facilities proposed in the Bikeway Master Plan.
- Currently reviewing the latest working draft of Montgomery County's Bicycle Master Plan.
- *Attended the January RBAC meeting, provided an update on City projects, discussed and finalized the implementation and prioritization plans for the Bicycle Master Plan.*
- *Updated the bi-annual HEAL (Healthy Eating Active Living) report for the Mayor and Council.*

Development Review: (GL/FM)

- 1) 15825 Shady Grove Road, 2092-2098 Gaither Road, 2-4 Choke Cherry Road – Shady Grove MXD Development – A PJT application was received for this site which proposes replacing 435,506 SF of Office with 129,900 SF Retail, 110,000 SF of Office, 140 Room Hotel and 1249 Residential Dwelling Units. A revised Scoping Intake Form was submitted showing an increase of 944 AM, 2300 PM and 2145 SAT net new peak hour trips. The applicant will be required to study a minimum of 16 intersections. Project plan application is currently under review.
- 2) 220 E. Middle Lane – Rockville Metro Plaza – A PAM submission (PAM 2017-00104) was received related to previously approved Use Permit Application (USE97-0577). The applicant is proposing to redevelop an existing surface parking lot approved for approximately 200,000 square feet of commercial office and retail uses with a mixed-use multi-story building containing up to 240 residential units and up to 8,500 square feet of retail uses with structured parking. Scoping intake form has been submitted. The number of net new peak hour trips is below 30 due to credit. Therefore, only on-site transportation report will be needed for review. Site plan is under review by staff.
- 3) 50 Southlawn Court – An application was received to construct a 3,000 SF addition to the existing ice rink for new locker rooms and mechanical rooms. A scoping intake form was received showing less than 30 net new peak hour trips. Therefore, the applicant will not be required to perform a traffic study. Site plan has been reviewed and staff has no further comments.
- 4) 1500 to 1616 Rockville Pike – A PAM submission (PAM2018-00107) was received for a proposed mixed use development consisting of 1865 multi-family dwelling units, 431,440 SF of office, 472,950 SF of retail and a 226-seat live theater. There are no prior approvals for the site. A scoping intake form was submitted and approved showing 1,394 AM, 1,908 PM, and 1,854 SAT net new peak hour trips. The applicant is required to study at least 16 nearby intersections. *At a follow-up meeting the applicant presented the proposed project*

phasing and informed the proposed development will be identified as the “Twinbrook Quarter”. The project plan is under review by staff.

- 5) 1335 Piccard Drive – A minor site plan application was received which seeks to renovate and change use of an existing two-story (28,800 SF) building used as a community health center with assisted living units (25) on first floor, and adult day care facility (maximum enrollment of 144 participants) on the second floor. A scoping intake form was submitted for review showing a net reduction in peak hour trips. Scoping intake form and the site plan are under review by staff.
- 6) 4 Research Place – A site plan application was received which seeks approval for construction of a new 88,000 SF self-storage facility. A scoping intake form was received and approved showing 8 AM, and 8 PM net new peak hour vehicle trips. Therefore, the applicant was required to submit an on-site transportation report, in accordance with the CTR. The site plan is under review by staff.
- 7) 900 Rockville Pike – A project plan proposing a commercial/retail center consisting of 6,084 SF of Retail and 900 SF of Office space was received. A scoping intake form was approved showing less than 30 net new peak hour trips. Therefore, the applicant will be required to submit an on-site transportation report. Site plan is under review by staff.
- 8) 9701 Veirs Drive – The Village at Rockville – A site plan application (STP2017-00320) proposes to replace nine (9) residential triplex buildings with a new independent living building containing 112 units. A scoping intake form was submitted and approved showing less than 30 net new peak hour trips. An on-site transportation report has been submitted, in accordance with the CTR. The site plan is currently under review by staff.
- 9) 201 W Gude Dr – PEPCO – A minor site plan amendment proposing five (5) canopy buildings to protect and store vehicles and equipment was received. The change will not result in an increase in peak hour vehicle trips, therefore, no scoping intake form is required. *Transportation has no comments on the site plan.*
- 10) *12720 Twinbrook Parkway – Avalon Bay – A minor site plan amendment was received seeking to amend the location of the site access point on Ardennes Avenue and other minor changes. The proposed amendment does not alter the approved density. The site plan is under review by staff.*
- 11) *1125 Rockville Pike – Audi Auto Dealership – A PAM submission was received which seeks to completely renovate and reconfigure the interior and expand the building by 2,600 SF. The site plan will also alter the parking and site circulation. No scoping intake form has been received.*

CIP:

Baltimore Road (AL)

- This is a CIP project to improve Baltimore Road between MD 28 and City limits. *Staff and SHA are coordinating with property owners for property acquisitions.*

Pedestrian Safety

- TCSP Grant: The City received \$827,000 federal grant for pedestrian and bicycle improvements near the Rockville and Twinbrook Metrorail stations.
 - Rockville Station – S. Stonestreet Ave. Road Diet: Currently under construction. (GL)
 - Twinbrook Pedestrian Safety – *Construction is ongoing. Permanent roadway striping and punch list items remain.* (AL)

Maryland/ Dawson Extended

- This project includes the extension of Dawson Avenue from N. Washington St to MD 355 and the extension of Maryland Ave from Beall Ave to future extension of Dawson Ave. Staff provided comments on 30% design plans to consultant. Consultant working on 60% design.

Sidewalks

- St. Raphael's Bike Path: Project was awarded and the Notice to Proceed for construction was given on September 28, 2017. Construction began the week of November 27, 2017. (GL)
- North/N. Van Buren – *Construction is complete.* (AL)
- Southlawn Lane – *Consultant working on 90% design.* (GL)
- Wootton Parkway – *Staff coordinating with Pepco on streetlight impacts, and working with consultant to find the right alignment.* (AL)
- Monroe Street (Lynn Manor Dr to Argyle St) – Sidewalk has been completed. Retaining wall still needs to be constructed. (OK)
- North Horners – *Consultant is finalizing the preliminary design for the chosen sidewalk and roadway alignment, and is preparing the NRI/FSD. Staff will approach Pepco about pole relocations.* (AL)

Transportation Planning:

Policy and Plans

- City Master Plan: (FM)
 - On June 8, Staff attended a multi-discipline staff presentation and discussion reviewing the results of the most recent presentation and workshop with the Twinbrook communities.
 - Met with CPDS staff on connectivity issues and pursuing work on developing concepts with for several major hot spots and traffic operational issues.
 - Staff has completed a draft Transportation chapter and is under review.
 - *Staff is working with CPDS staff on finalizing transportation topics (Roads/Neighborhood Connectivity, Public Transportation, Pedestrian and Bike Accommodation) display boards for the upcoming 2040 Plan open houses scheduled for Jan.11, 16, and Jan. 20, 2018.*
- Local Circulator Bus Feasibility Study (OK)
 - Staff completed a draft scope of work for a feasibility study for a local circulator, and received comments from Mayor & Council. The draft scope was shared with the T&T Commission and the Financial Board in early August.
 - Staff received and reviewed comments from the Financial Board, and discussed the document with the T&T Commission. *The Financial Board is preparing to submit comments to the Mayor and Council. Staff will edit the scope of work if directed by the Mayor and Council.*

- Stonestreet Corridor (FM)
 - Staff assisted in finalizing several cross sections for N. Stonestreet Avenue between Park Road and Lincoln Avenue and a proposed improvement concepts for Park Road between N. and S. Stonestreet Avenues, along with two different improvement concepts developed for the signalized intersection of Park Road with S. Stonestreet Avenue. The team presented the draft concepts to the community on October 24, and *subsequently reviewed* comments received for the proposed concepts and cross section elements priorities identified at the community meeting. *Further evaluation is pending on availability of rights of way and identification of existing underground utilities within the available rights of way.*
- Wayfinding Plan (FM)
 - Staff prepared a draft work request for consultant service for development of a comprehensive wayfinding plan for several key areas within the City including the Town Center, Transit Station areas, and all other important destinations and landmarks. Staff is incorporating suggestions made during a staff interdisciplinary review and discussion meeting held during the second week in October.
 - Parks Department provided staff with an addendum task order to be included in draft Wayfinding RFP for implementation of Wayfinding for park related facilities.
 - Staff *incorporated all comments received and finalized the RFP. The finalized RFP was transmitted to the Finance Department and City Manager's office for concurrence and possible review by the Mayor and Council, and advertisement.*
- Montgomery County Bus Rapid Transit (BRT) Study Group (EE)
 - The purpose of the project is to provide a new high-speed, high-efficiency bus transit service along 6.7 miles of Veirs Mill Rd (MD 586).
 - Alternatives 1, 2, 3, and 5B were presented to the Mayor and Council on October 10, 2016, and M&C recommended alternative 3 during the 11/21/2016 session. A joint meeting with Gaithersburg and Montgomery County was held in March 2017.
 - Staff attended the MD 355 BRT Coordination Meeting on 12/6/2017 and *followed-up by providing comments on the proposed alternatives. Staff is working with the group to prepare for the March 5 M&C work session.*

Street Closing & Abandonment (OK)

- Began work on a request for the abandonment of an alleyway along Croydon Ave/S Horners Ln. Reviewed old plats and surveys, researched permits, conducted a site visit with Engineering to locate property markers/posts and stake-out the alley right-of-way and property lines. Completed initial survey report and scheduled meeting to brief the Director of Public Works.
- Developed conceptual design for a hammerhead turnaround and associated easement that would be required, if alley abandonment is approved. Met with the owner of 404 Baltimore Road to explain the alley abandonment process and discuss the easement acquisition.
- Received and currently reviewing two new requests for alley abandonments for an alley adjacent to 327 Horners Lane and an alley adjacent to 550 Reading Ave. Conducted initial assessment of the alley next to 327 Horners Lane and relayed findings to property owner. Conducted initial assessment of the alley next to 550 Reading Ave and relayed findings to property owner. Owner is currently evaluating whether they want to proceed with abandonment.
- Met with the president of WECA to discuss the request for construction of a pedestrian walkway in the alley between Forest Ave and Laird Street.

Traffic and Transportation Commission Action Items:

- Additional lighting at MD 355/Park Road (MD SHA)
 - According to the MD SHA, construction is anticipated for completion in the summer of 2018.

Abbreviations Key:

- BRT – Bus Rapid Transit
- CPDS – Community Planning and Development Services
- CTR – Comprehensive Transportation Review
- DRC – Development Review Committee
- FHWA – Federal Highway Administration
- FY – Fiscal Year
- IFB – Invitation for Bids
- MDE– Maryland Department of the Environment
- MOU – Memorandum of Understanding
- NRI/FSD – Natural Resource Inventory/Forest Stand Delineation
- PAM – Pre-application Meeting
- RBAC – Rockville Bicycle Advisory Committee
- RFP – Request for Proposals
- SF – Square Feet
- SHA – State Highway Administration
- TCSP – Transportation, Community, and System Preservation Program (administered by Federal Highway Administration)
- MWCOG – Metropolitan Washington Council of Governments

- Staff Initials
 - EE – Emad Elshafei
 - AL – Andrew Luetkemeier
 - FM – Famarz Mokhtari
 - OK – Oleg Kotov
 - GL – Greg Lyons
 - DS – Daniel Seo

Acronyms that are spelled out in the document are not included in this list.