



## **Transportation Project Updates**

### **June 2017**

#### **2017 Construction Projects**

##### **Stadium Boulevard Reconstruction:**

The Stadium Boulevard Reconstruction Project has been under construction since November 21, 2017. Construction of the retaining walls along the south side of the road is complete. Underground utility construction is currently underway. The project is on schedule; re-opening of the roadway is anticipated prior to the first U of M home football game.

##### **Annual Street Resurfacing Project:**

Encompasses the majority of the City's street resurfacing activities, including several major and multiple local streets (identified in the Project Management Services Unit 2017 Work Plan). Work began on May 15<sup>th</sup> and is scheduled to go through October. Major streets currently under construction include Arlington (approximately 75% complete) and Division (scheduled to be completed before Art Fair). A full list of streets included in this project can be found at [www.a2gov.org/roadconstruction](http://www.a2gov.org/roadconstruction) .

##### **Annual Sidewalk Repair Program:**

An annual project to repair sidewalks throughout the City. Further information on the program and a list of 2017 target areas can be found at [www.a2gov.org/sidewalks](http://www.a2gov.org/sidewalks).

##### **School Safety Improvements:**

As referenced in the February 23, 2017 memo to City Council, Tier 1 work is expected to be complete by the end of August.

Tier 2 work for which the City is responsible, is scheduled to be performed throughout the 2017 construction season (except where noted below). This work will be accomplished primarily through a combination of the Annual Sidewalk Repair Program and City forces. Specific work scheduled includes:

- a) Community High: Bumpouts on Division; gateway treatments on Division and Fifth
- b) Huron High: Rectangular Rapid Flashing Beacon (RRFB) installation at Gallup Park (done). Extension of the sidewalk on the south side of Fuller and relocation of the crosswalk has been postponed for further consideration. More information on this project will be provided when available.
- c) Pathways to Success: RRFB and gateway treatment on Packard (RRFB done; gateway treatment in progress)
- d) Pioneer High: RRFB on Seventh Street (done)
- e) Forsythe/Wines: Gateway treatment at Newport & Red Oak
- f) Scarlett/Mitchell: Gateway treatment on Lorraine; ADA ramps



- g) Slauson: Crosswalk improvements on Eighth (2017); Washington in 2018 as part of a scheduled watermain replacement project.

Also see Progress Report on School Safety Improvements memorandum, attached.

**RRFB Installations:**

Installation of Rectangular Rapid Flashing Beacons (RRFBs) to enhance several crosswalks throughout the City. The locations for installations this year were selected from the Non-Motorized Transportation Plan Update and from citizen requests. In addition to the locations mentioned in the School Safety Improvements section above, it is anticipated that approximately 6 additional locations will receive RRFB treatments in 2017. The project is current out for bid, and work is expected to begin late summer.

**Stone School Sidewalks:**

Filling of a sidewalk gap on the west side of Stone School Road around Clinton Park, as well as the replacement of a deteriorated asphalt sidewalk just south of Packard. Construction is scheduled to begin mid-June.

**Nixon/Green/Dhu Varren Intersection:**

Realignment of Dhu Varren Road and the construction of a roundabout at the realigned intersection. In addition to City funds, this project also includes funding from Toll Brothers (the adjacent developer) and Congestion Mitigation Air Quality (CMAQ) funding. Construction is scheduled to begin June 19th and be substantially complete by the end of August. During construction, the intersection will be completely closed to motorized traffic, with the exception of emergency vehicles. Pedestrian and bicycle traffic will be maintained. Further information on this project can be found at: [www.a2gov.org/nixon](http://www.a2gov.org/nixon).

**Liberty Street (First to Main) Reconstruction:**

Reconstruction of two blocks of West Liberty, including watermain replacement, stormwater improvements, and pedestrian improvements. Bids were opened the week of May 8<sup>th</sup>. Due to significantly higher than expected costs, work on this project has been postponed. The project scope will be reconsidered and the project will be reprogrammed in the CIP for a future year. In the short term, the Street Resurfacing Program will be performing a thin mill & pave project to improve the surface condition of the pavement. This work is expected to occur prior to Art Fair.

**Miller/Maple Sidewalk Gaps:**

Filling of sidewalk gaps along the north side of Miller Avenue between Maple and M-14, and along part of the west side of Maple Road. The project will include an enhanced crosswalk on both Miller and Maple. The project will utilize Federal aid. Bids were opened by MDOT on June 2<sup>nd</sup>, and while bid prices were slightly higher than estimated, the project will move forward as scheduled. Construction is anticipated to begin in late summer or early fall of 2017.



## **Projects Currently in Design/Planning**

### **Annual Street Resurfacing Project:**

Encompasses the majority of the City's street resurfacing activities, including several major and multiple local streets. While this project is still in the early planning phases, some of the streets on the tentative list for the 2018 program include Jackson Ave, State Street (Packard to Hoover), South University (State to E. University), and various local residential streets.

### **Pauline Boulevard (Stadium to Seventh):**

Watermain replacement, street resurfacing and a review of potential crosswalk improvements throughout the corridor. This project is currently in the design phase. Construction is scheduled for the 2018 construction season.

### **Scio Church (Main to Seventh):**

Road resurfacing project including filling the sidewalk gap on the south side of the road, potential addition of a sidewalk on the north side of the road adjacent to the Pioneer High School property, crosswalk improvements at the Scio Church/Seventh intersection, a potential midblock crossing at Chaucer, and narrowing of the existing pavement to provide a reduced impervious surface and additional space for stormwater management features. This project is currently in the design phase. Construction is scheduled for the 2018 construction season.

### **Fifth Avenue (Kingsley to Catherine):**

Road reconstruction project including watermain replacement, stormwater management improvements, ADA ramp replacement, crosswalk improvements, and streetscape improvements. The project is currently being designed as a joint effort between the City and the DDA. Construction is scheduled for 2018.

### **Seventh Street Buffered Bike Lanes:**

Installation of buffered bike lanes and high visibility crosswalks on Seventh Street from Huron to Scio Church. This work is planned to be combined with a surface treatment project to improve the pavement condition on parts of Seventh Street, thus the new markings will be placed on a fresh surface. This combined project will utilize Highway Safety Improvement Program grant funding and Federal Surface Transportation Program funds. Additional speed control treatments are currently being evaluated and considered for Seventh Street. More information will be provided when available. This project is currently in the design phase. Construction is anticipated in spring of 2018.

### **Ellsworth/Research Park Drive Intersection:**

Installation of a crosswalk and related treatments, such as expanding the sidewalk on the south side to service Ann Arbor Transportation Authority (AAATA) riders. This project is currently in the planning phase. Construction is scheduled for the 2018 construction season.

**Green & Federal Sidewalk Gaps:**

Filling sidewalk gaps on the north side of Federal/Commerce Drive, and along the north/east side of Nixon Road near Burbank Drive. This project will utilize Federal aid. This project is currently in the design phase. Construction is scheduled for the 2018 construction season.

**Dhu Varren & Nixon Sidewalk Gaps:**

Filling sidewalk gaps on the north side of Dhu Varren Road from Omlesaad to the west property line of the Nixon Farms development, and on the west side of Nixon Road from Traver to the south property line of the Nixon Farms development. This project will utilize Federal aid. This project is currently in the planning phase. Construction is scheduled for the 2019 construction season.

**Fuller/Maiden Lane/E. Medical Center Drive Area:**

Potential reconstruction of the intersection, rehabilitation work on the East Medical Center Bridge, painting of the Fuller and Maiden Lane bridges, a connection of the Border to Border Trail under the Maiden Lane bridge, and a non-motorized connection under the East Medical Center Drive Bridge. This consists of a grouping of multiple potential projects that are still in the early planning and scoping stages. Construction dates are still to be determined, but are anticipated for the 2019-2021 timeframe.

**Allen Creek Berm Opening:**

A field meeting and site visit with Department of Natural Resources (DNR) staff was completed. Staff has been advised of a MDOT/SEMCOG Transportation Alternative Program Award. More details including amount awarded will be provided once we receive a formal notification. The project team is using survey, geotechnical utilities, including Fiber Optic lines, data to identify opportunities for shared-use path location. Design efforts are advancing nicely.

**Washtenaw/Pittsfield Crosswalk:**

Per MDOT: As of February 2017 the plan was to allocate FY 2018 funding for a pedestrian crosswalk with signal indication on the east leg of the Washtenaw/Pittsfield intersection. MDOT has been contacted for an update on this project. Stay tuned.

**Other Updates and Information****Ann Arbor Station:**

The City of Ann Arbor is continuing to coordinate with the Federal Railroad Administration (FRA). An Environmental Assessment is anticipated to be ready for public review by mid-July.

**Signs, Lines and Marking:**



Line and marking refreshing has been resumed, and will continue intermittently throughout the summer. This work includes lane lines, turning arrows, crosswalk markings, and symbols (such as those for bike lanes).

**Driver Behavior Study:**

In June, the City of Ann Arbor, under the guidance of Dr. Ron Van Houten and his team from Western Michigan University, will begin a Changing Driver Behavior study. The study will measure the impact of enhanced enforcement at crosswalks and communications feedback on stopping/yielding rates on major commuting routes within Ann Arbor. The study will replicate work Van Houten [performed in Gainesville, Florida](#).

A number of major commute routes will be adopted into the study, with half receiving enhanced enforcement and stopping/yielding rate feedback, the other half acting as controls where data will be collected to find if compliance rates outside the targeted routes improve. The study will use road signage as well as local and social media to provide feedback to drivers.

The Ann Arbor Police Department will use warnings with educational material during a wave of enforcement in June. Subsequent waves of enforcement will involve tickets.

**MDOT Coordination:**

The city has regular coordination with MDOT on all projects. MDOT allows for local installed improvements on their facilities, subject to their review.



**MEMORANDUM**

TO: Mayor and Council  
FROM: Howard S. Lazarus, City Administrator   
DATE: May 10, 2017  
SUBJECT: Progress Report on School Safety Improvements

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**PURPOSE:** This memorandum provides an update on the projects and initiatives that are part of the City’s comprehensive approach in addressing school safety in collaboration with our community partners and stakeholders.

**UPDATE:** The report is organized along the “5-E’s” of transportation – Engineering, Education, Encouragement, Enforcement, and Evaluation.

***Engineering: Creating Safe and Convenient Places to Walk and Bike***

The amended School Safety Work Plan (the “Work Plan”) identified signage and markings projects as *Tier 1* efforts. The status of these efforts is as follows:

- The City has installed reduced speed school zones at the Ann Arbor Public School System (AAPSS) priority locations: Huron HS, Pathways to Success, Pioneer HS, and Tappan MS.
- Public Services is in the process of upgrading and/or replacing signage and pavement markings at the locations in are being refreshed and/or installed at the locations specified in the School Safety Work Plan.

Construction is scheduled for the Tier 2 improvements specified in the Work Plan for the AAPSS priority locations (Community HS, Huron HS, Pathways to Success, Pioneer HS, Ann Arbor Open, Clague MS, Forsythe/Wines, Scarlett/Mitchell, Slauson MS, and Tappan MS), with the following exceptions:

- Community High: The main work on Fifth Avenue will be performed as part of the DDA project scheduled for the summer of 2018. The gateway treatment is planned for this year, as is the bumpout/gateway on Division Street.
- The installation of Rectangular Rapid Flashing Beacon (RRFB) at Huron HS is completed. The extension of sidewalk along south side of Fuller and relocation of Gallup Park crossing is schedule for this coming fall.

- The gateway treatment (signs and markings) and the RRFB on Packard Street north of Pathways to Success will be completed by August 2017.
- The RRFB on 7<sup>th</sup> Street (serving Pioneer HS) is scheduled to be installed in July 2017
- The gateway treatment at Newport & Red Oak (serving Forsythe/Wines) is scheduled to be installed in July 2017
- The gateway treatment and ADA ramps on Lorraine (serving Scarlett/Mitchell) is scheduled to be installed in July/August 2017
- At Slauson MS, the crosswalk improvements on 8<sup>th</sup> are scheduled for later in 2017. The improvements on Washington Street are included in a 2018 water main replacement project.

***Education: Providing the Skills and Confidence to Walk/Bike***

AAPS and the City are exploring opportunities to engage in a safe walking/biking program. Additional information will be provided in the next update.

***Encouragement: Creating a Culture that Welcomes Active Transportation***

The City has launched its community-wide A2 BE SAFE campaign and is actively working with AAPSS staff to adapt the program to meet AAPSS needs.

***Enforcement: Ensuring Safe Pathways for All Users***

The Ann Arbor Police Department (AAPD) has provided the following data on traffic enforcement actions in and around school zones for the current school year:

- 38 traffic problems were addressed for a total of 7,046 minutes of dedicated enforcement resulting in 185 citations and 90 warnings
- Ongoing enforcement also occurred at the new 25 mph school zone locations with the following actions:
  - Huron HS (1/9/2017 to present) – 208 traffic stops/76 citations issued
  - Pioneer HS (2/1/2017 to present) – 142 traffic stops/74 citations issued
  - Tappan MS (2/1/2017 to present) – 29 traffic stops/22 citations issued
- Additional crosswalk enforcement has occurred as well. There has been an estimated 200 hours of school related crosswalk enforcement and an additional 55 hours specifically at the Fuller Rd/Gallup Park location.

***Evaluation: Measuring Successful Outcomes and Planning for the Future***

The City and AAPSS have identified the following work items that AAPSS must initiate and/or complete:

- Fill-in the sidewalk gap on Red Oak (Ann Arbor Open)
- Apply for a traffic-calming project to install a raised crosswalk on Bluett (Clague MS).
- Repair the sidewalk on Stadium Boulevard adjacent to Tappan MS (school property).

The City has received a list of priority items from the A2 Safe Transport team. The list has been shared among the school safety partners, and City is evaluating the recommendations for future work.

cc: J Swift, AAPSS  
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