

CURRENT PUBLIC WORKS PROJECTS

Updated 7-11-18

1. Lay Road Improvements (80% Federal Funding, 20% Local Funding [cost sharing with City of Ladue and City of Richmond Heights])

The Lay Road Improvements construction phase of the project is continuing. The project includes the installation of sidewalk on the west side of the road, storm sewer improvements, and pavement rehabilitation. Crawford, Murphy, & Tilly (CMT) was the design consultant for the project and is now serving as the construction manager for the project. During the design phase, a Public Open House was held to present the design and discuss project elements such as tree removal. The project was well received, and the meeting was well attended. There were 18 properties that required easements for the project, and all easements were obtained in 2017. The right-of-way phase came in under budget, in part since five of the eighteen parcels donated the required easements to the City. Bids for the project were received for the project in February and the City Council awarded the project at their February 20th City Council meeting. The construction contract amount is lower than the engineer's estimate for the project. Construction began in early March 2018 with the project will be complete by Fall 2018. Work completed thus far includes tree removal, tree root pruning, tree protection fence installation, block wall construction, driveway apron re-construction, and sidewalk installation. The sidewalk installation has been completed and landscaping was installed. Currently, the contractor will begin work on the pavement rehabilitation work. Remaining work includes paving, pavement markings, and landscape material replacement.

2. Stormwater Management Program (Stormwater Fund)

Phase I & II: Stormwater Needs Assessment and Stormwater Master Plan

The City completed a citywide storm water needs assessment in 2015 and a Storm Water Masterplan in 2016/2017 and accompanying Implementation plan in 2017, all of which are and the available on the Public Works Departmental page on the City's website: <http://www.cityofladue-mo.gov/>. During the Needs Assessment, the City's engineering consultant, HR Green, mapped existing complaint data on file from all available sources, obtained new data from residents as well as their own field evaluations of streams, and developed a basic hydraulic model of the entire City. Over 1000 problem points were been mapped. HR Green presented their final report to City Council on November 16, 2015. City Council authorized an amendment to the contract with HR Green to aid the City with the storm water framework plan including storm water policy development, determination of financial commitment for program, and review of development standards with respect to storm water controls. At the February 2016 City Council meeting, members were appointed to the Ladue storm water committee. The Storm water committee met monthly in 2016 to develop the storm water ordinance which was adopted by City Council at the August 2016 meeting. At the September 2016 City Council meeting, the contract with HR Green was approved for the development of the Storm Water Master Plan and five-year implementation plan. HR Green completed the draft of the Master Plan which involved performing field verification work of storm water conditions, hydraulic modeling utilizing specialized software, and developed concept solutions for 55 projects. The draft of the Storm Water Master Plan was presented to the Storm Water Committee on April 13, 2017 then to City Council on April 25, 2017. The plan was then presented to the public in a series of Public Open House meetings which took place on April 25 (Ward I), May 2 (Ward II), and May 4 (Ward III) from 4 – 7 pm. Over 120 residents attended these open houses and many provided feedback. Public comments were accepted until May 18, 2017 and modifications were made to the plan based on public comment and additional field reconnaissance and presented the update, along with the five-year implementation plan to the Storm Water Advisory Committee

who recommended approval to City Council. The five-year implementation plan was adopted by City Council on July 17, 2017.

The City hired a part-time Storm Water Engineering Manager who began work with the City in October 2017. Specific Storm Water project meetings for the eight highest ranking projects took place in November 2017 to convey information about the projects and to obtain Letters of Intent from impacted property owners. Once Letters of Intent are obtained from 100% of the impacted property owners from the highest ranked projects approved in the five-year implementation plan, the design phase for these various projects can begin. All of the required Letters of Intent have been submitted for the five highest ranked projects. The City has pre-qualified engineering consultants to prepare the plans, specifications, and cost estimates for the various top-ranking projects. Scoping meetings were complete for four of the top five projects with three Professional Service Agreements for design services approved by City Council on June 25, 2018. The Professional Service Agreement for the Deerfield-Wakefield project is being presented to City Council at the July 16, 2018 meeting and it is anticipated that the design agreement for the Babler Lane storm sewer improvements project will be presented to City Council at the August 20, 2018 meeting. The top five projects along with a status update are:

- Willow Hill – Reroute Along Road (infrastructure)
 - Design contract approved with HR Green on 6/25/18
 - Design kick-off meeting taking place on 7/11/18
- Robin Hill Lane/McKnight Lane Bank Stabilization (stream bank stabilization)
 - Design contract approved with Intuition and Logic on 6/25/18
 - Design kick-off meeting took place on 7/6/18
 - Field survey work begins July 2018
- Deerfield/Wakefield storm sewer improvements
 - Design contract with HR Green being presented to City Council at the 7/16/18 meeting
- South Tealbrook Drive storm sewer improvements
 - Design contract approved with Hart Engineering on 6/25/18
 - Design kick-off meeting took place on 7/2/18
 - Field survey work begins July 2018
- Babler Lane storm sewer improvements
 - Design contract anticipated to be presented to City Council on 8/20/18

The next Storm Water Advisory committee meeting will take place on July 12, 2018 at 8:00 am.

3. ADA Self-Evaluation and Transition Plan

The City has identified the need for the identification of ADA barriers within the public rights-of-way for creating an ADA transition plan. This plan is a requirement of ADA as set forth by the United States Department of Justice. To achieve this goal, the City of Ladue has contracted with Oates Associates, as identified through a Qualifications Based Selection, to conduct an ADA self-evaluation and develop an ADA transition plan. The evaluation began in late-May 2017 and has involved the development of policies, practices, and procedures to comply with ADA administrative requirements for municipalities; evaluating municipally owned buildings and parking areas and identifying physical obstacles in public right-of-way with respect to ADA requirements including curbs, sidewalks, driveways, crosswalks, and traffic signals. After the evaluation process, corrective measures will be identified, and a schedule will be developed to remove barriers on right-of-way and City owned buildings. Oates Associates, the engineering consultant, has completed the evaluation of the sidewalks within City right-of-way and the evaluation of City owned buildings on the municipal campus. A public open house was held on Tuesday August 8, 2017 from 4:00 pm – 7:00 pm to receive input from the public on priority areas. Oates has prepared a draft plan which includes estimated costs to bring non-compliant sidewalks and facilities into compliance and will work with the City on establishing a multi-year schedule. The City has met with Paraquad to share the findings of the evaluation and obtain their feedback. The draft plan was presented to the Public Works

Committee then City Council in February 2018. The plan was made available for public review and comment for a thirty-day period. After the thirty-day public comment period, City Council at their March 26, 2018 meeting approved a resolution accepting the plan and authorizing the planning phase for implementation. City staff is now working on developing the plan for implementation.

4. 2018 Microsurfacing Project

Microsurfacing, a latex modified slurry seal, will be applied to Warson Road from Clayton Road to Old Warson Road, on Des Peres from Old Warson to Hudson, and in the Clayton Road Park subdivision. The bids for the project were due on June 19, 2018. City Council awarded the project to Missouri Petroleum at their June 25th Council meeting. The Notice to Proceed will be issued to the contractor by July 19, 2018 and the contractor will be given 60 days to complete the project. The work on Warson and Des Peres will take place overnight and the work in the Clayton Road Park subdivision will take place during the day. Pavement markings (striping) will be completed after completion of the micro-surfacing application.