

# Maryville Road Projects Update

September 17, 2021

*Updates and/or revised information  
are shown in bold italics*



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## **RECENTLY COMPLETED PROJECTS**

### 1. TDOT Re-surfacing of U.S. 411 (Sevierville Road)

- *Re-paving of the entire length of Sevierville Road from Maryville to Seymour took place during the months of July and August 2021.*
- *A section of Washington Street (S.R. 447) from U.S. 321 to High Street was also re-surfaced as part of this contract.*
- *APAC Atlantic Inc. was TDOT's contractor that performed the work.*

### 2. TDOT Re-surfacing of S.R. 446 (Foothills Mall Drive)

- *Re-paving of Foothills Mall Drive from U.S. 321 to U.S. 129.*
- *APAC Atlantic Inc. was TDOT's contractor that performed the work.*
- *Work was completed by the first week of September 2021.*

### 3. Maryville-Alcoa Advanced Traffic Management System (ATMS) Phase 2

- *Federally funded project (100% Congestion Mitigation and Air Quality funds) and managed locally by the City of Maryville*
- *The project created a Traffic Operations Center that provides enhanced control and monitoring capabilities for traffic signals within the cities of Maryville and Alcoa*
- *Traffic monitoring cameras were installed along major arterials within both cities.*
- *A central computer software system was installed in the Traffic Operations Center.*
- *Multiple traffic signals, including the signal at U.S. 321 at W. Broadway Avenue, were rebuilt or upgraded.*
- *Kimley-Horn Associates provided Preliminary Engineering Design services. The Design phase was completed in Spring 2017.*
- *Notice to Proceed with Construction Phase was given in September 2019 by TDOT.*
- *Construction bids were opened on January 28, 2020. The City's contractor was Stansell Electric Co. with a contract amount of \$2,014,900.*
- *A pre-construction conference was held on April 15, 2020. A notice to proceed with construction was given on June 15, 2020. The project lasted approximately one year.*

## CURRENT/ON-GOING PROJECTS

### 4. Crest Road Widening and Sidewalk Construction

- Crest Road will be widened from Wilcox Street to Charles Coulter Road.
- The project will add new sidewalk to Crest Road and Charles Coulter Road to provide better connectivity from nearby neighborhoods to Coulter Grove Intermediate School.
- Bids for the project were opened on April 6, 2021. The city's contractor is Weston Paving with a contract amount of \$251,072.
- A pre-construction conference was held on May 12. Work began in mid-May after school ended for the summer. Concrete work was substantially complete before the first week in September. Sod placement and minor landscaping work are still remaining.
- ***Final asphalt re-surfacing of Crest Road will take place in October as part of the city's fall street re-surfacing program.***

### 5. Big Springs Road Bridge Over Laurel Bank Branch Replacement

- This is a local capital project funded by the City of Maryville.
- This project will replace an existing steel bridge on Big Springs Road near the intersection of Bridgeway Drive where it crosses Laurel Bank Branch with a similar style bridge.
- The bridge is inspected by TDOT as an off-system bridge every 2 years. The bridge scored a 52/100 in 2018 and is currently weight-restricted to traffic under 13 tons.
- The City is currently under contract with S&ME consulting engineers for hydraulic modeling and engineering design services.
- The December bridge inspection conducted by TDOT (for 2020) revealed deterioration in the bridge significant enough that TDOT directed the City to close the bridge to all traffic in December 2019. Big Springs Road between Bridgeway Drive and Robert C. Jackson Drive will now be closed to traffic until the existing bridge is removed and the new one is constructed.
- Total project cost is estimated to be \$550,000.00.
- Design of the new bridge is complete and offers for acquisitions of R.O.W. have been made.
- Whaley Construction is the City's contractor with a contract amount of \$731,615.00
- ***Currently, work is progressing on the placement of concrete micro-piles that the new bridge abutments will be placed upon.***
- ***The anticipated completion date for the new bridge will be the first week of December 2021. Additional projects along Big Springs Road will likely require the road to remain closed to through traffic even after the new bridge is completed.***

### 6. Fall 2021 City-wide Street Re-surfacing

- ***Streets to be re-paved include Tuckaleechee Pike from the city limit to U.S. 321, Grandview Drive from Tuckaleechee Pike to U.S. 321, Lambert Lane, W. Lambert Lane, Pinecrest Circle, Locha Pocha Drive, Leniz Drive, Macon Street, and Crest Road.***
- ***Bids from contractors were opened on Tuesday, September 7. The apparent low bidder was APAC Atlantic, Inc. with a bid of \$472,915.25.***
- ***A pre-construction conference has been scheduled for the first week of October 2021.***
- ***All paving should be completed by Thanksgiving.***

## 7. TDOT Intersection Improvement and Signal Modification at U.S. 411 (W. Broadway Ave.) at Foothills Mall Drive / Montgomery Lane

- TDOT Contract No. CNU317 PIN 118422.00 Project length is 0.497 miles
- New mast arm traffic signal will replace existing box span signal equipment.
- Northbound ramp from Broadway will have its own dedicated lane on U.S. 129 North.
- U.S. 129 southbound will have 2 dedicated lanes – no longer a merge into 1 lane.
- Dual, protected-only left turns for SB Foothills Mall Drive.
- Widening of Montgomery Lane.
- A Construction Field Review meeting was held on July 10, 2020.
- The project was let for construction on October 9, 2020.
- Whaley Construction LLC has been selected as the contractor by TDOT with a contract amount of \$3,911,137.19.
- Work on the project began the week of December 15, 2020 with the placement of construction signs, portable barrier rail to reduce lane widths, and establishing a location for construction equipment and materials.
- ***Work is currently progressing on the northbound and southbound ramps on U.S. 129 as well as widening of Montgomery Lane.***
- ***Anticipated completion date on or before June 30, 2022.***

## 8. Foothills Mall Drive Extension (PHASE 1) from U.S. 129 to Foch Street

- New roadway on new alignment that will extend Foothills Mall Drive across U.S. 129 to Foch Street. Watkins Road will be relocated to tie into the new roadway.
- Knoxville Regional TPO Long Range Transportation Project #13-211.
- Transportation Improvement Program (TIP) Project #2014-007.
- The project will be federally-funded using Surface Transportation Program (STP) funds (80% federal/20% local) and locally managed by the City of Maryville.
- Notice To Proceed with the Prelim. Engineering Phase given February 11, 2016
- The City selected the consulting firm of Gresham Smith & Partners for PE (NEPA), PE (DESIGN), and Right-of-way Services with a contract amount of \$414,040.
- Public information meeting was held at the Maryville Municipal Building on January 17, 2017 as part of the NEPA process. The project was well received at that meeting.
- The NEPA document received FHWA approval on May 18, 2017.
- Preliminary Engineering/Design Phase was completed in December 2017.
- Acquisition of rights-of-way and easements were completed in June 2020.
- Notice to Proceed with Construction Phase is now anticipated for October 2020.
- The City has selected Vaughn & Melton Consulting Engineers for CEI Services.
- ***Bids from contractors were opened on May 17. Adams Contracting is the city's contractor with a contract amount of \$4,140,117.40.***
- ***Contract time began to run on Tuesday, September 7, 2021. Erosion and sediment controls have been installed and initial clearing of trees and shrubs has been accomplished.***
- ***The project will last until November 2022. The new road is expected to be open to traffic before Thanksgiving 2022.***

## **9. TDOT State Industrial Access (SIA) Project Extending Clydesdale Street to Serve DENSO Warehouse Expansion & Widening Robert C. Jackson Drive from Henry G. Lane Street to Atchley Drive – Previously Referred to as SIA #1 and SIA #2**

- Extension of Clydesdale Street off U.S. 321 (W. Lamar Alexander Parkway) on new alignment to serve the DENSO Warehouse Expansion extending to Mt. Tabor/Middlesettlements Road.
- Widening of the existing Robert C. Jackson Drive from 4-lanes to 5-lanes to address truck turning paths, general safety, and capacity.
- Installation of 2 new traffic signals at Henry G. Lane Street and the DENSO 100/200 main campus entrance.
- Construction of a pedestrian bridge to span Robert C. Jackson Drive to allow for better pedestrian access between the main DENSO campus buildings.
- Installation of sidewalks along both sides of Robert C. Jackson Drive
- TDOT will manage survey, design, R.O.W. acquisition, & construction of the project.
- TDOT, the City of Maryville, and Blount County will share in the R.O.W. acquisition costs.
- Design and Right-of-way were completed in 2019.
- The Construction Field Review was held in August 2019 at TDOT Region I.
- The project was included in the March 27, 2020 construction letting by TDOT. A contract was awarded to J&M Grading, Inc. A pre-construction conference was held on May 6, 2020. The total construction contract for both SIA #1 and SIA #2 is over \$18.2 million.
- Estimated date for completion is June 30, 2022.
- Utility relocations for water and sewer are on-going. Clydesdale Street is now open and can be driven on.

## **FUTURE/PLANNED PROJECTS**

### **10. Laurel Branch Connector Road and Other Roadway Improvements**

- *A new road on new alignment with a total length of 479 ft. will be constructed between W. Lamar Alexander Parkway (U.S. 321) and Big Springs Road to improve access for a rapidly developing commercial corridor along Robert C. Jackson Drive. Auxiliary acceleration and deceleration lanes will also be constructed.*
- *The city has hired BARGE Design Solutions to be the project design consultant.*
- *The project was advertised for bids by prospective contractors on September 5, and bids will be opened on Tuesday, September 21. Work on the project is expected to last 4 months or 120 calendar days.*
- *Other miscellaneous roadway improvements will be made under separate contract to provide additional capacity and level of service upgrades in the same general area, including widening of Big Springs Road, extension of the westbound left turn lane on U.S. 321 at Robert C. Jackson Drive, a new traffic signal at the intersection of Robert C. Jackson Drive and Big Springs Road, and median turn lane improvements along Robert C. Jackson Drive.*

## 11. Maryville to Townsend Greenway (PHASE I) (Brown Creek)

- TIP Project # 20-2017-006. Regional Mobility Plan Project # 13-833.
- Construction of a shared use path/greenway trail from the existing trailhead on Harper Avenue (near Aluminum Avenue) to U.S. 321 (E. Lamar Alexander Pkwy.)
- Approximate length of trail will be 1.25 miles.
- The City initiated a contract agreement with TDOT in October 2019 to begin the NEPA process. The project will be locally managed and federally funded using L-STBG funds.
- Total estimated project cost is \$1.8 million.
- **Notice to Proceed with NEPA Phase was given by TDOT on January 14, 2021.**
- **The city has selected WSP Inc. to be the design consultant for the project.**
- **Preliminary Engineering for DESIGN phase is planned for FY2022.**
- **R.O.W. phase is planned for FY2023. CONST. phase is planned for FY2024.**

## 12. Carpenters Grade Road Widening and Intersection Improvement Project

- Knoxville Regional TPO Long Range Plan Project #09-223
- Knoxville Regional TPO Transportation Improvement Program (TIP) Project #20-2017-042
- Reconstruction of existing Carpenters Grade Road to include 2-12 ft. lanes with auxiliary turn lanes where needed, concrete curb and gutters, and sidewalk along both sides of the road from Cochran Road to the city limits, just past the intersection of Raulston Road and Peterson Lane.
- The project will evaluate possible intersection improvements at Raulston Road and Peterson Lane, including the evaluation of a 4-way STOP controlled intersection with the Cochran Road leg relocated, along with a multi-leg roundabout.
- The City has selected the engineering consulting firm of Gresham Smith in Knoxville for engineering design services.
- Preliminary engineering for NEPA phase is anticipated to be completed by Summer 2020. A public meeting for the NEPA process was held November 20, 2019.
- Preliminary engineering for DESIGN phase is anticipated to be completed in Spring 2021.
- **Notice to Proceed with R.O.W. Phase was given by TDOT on June 11, 2021. It is anticipated to take 15 months to complete and the project should be ready to move into Construction Phase by the end of 2022.**
- Estimated cost of construction is \$2.8 million.

## 13. S.R. 33 (W. Broadway Avenue) Widening

- TIP Project # 20-2020-006. Regional Mobility Plan # 09-242
- Construct an additional westbound left turn lane at the intersection of W. Broadway Avenue at U.S. 321 (W. Lamar Alexander Pkwy.) and convert the existing continuous left turn lane along Broadway to an additional westbound through lane. Includes construction of a shared use path and other pedestrian enhancements near Maryville High School.
- Total project length is 0.45 miles. Total estimated project cost is \$5.2 million.
- NEPA phase is planned for FY2022.
- Preliminary Engineering for DESIGN phase is planned for FY2023.

#### **14. Foothills Mall Drive Extension (PHASE 2) from Foch Street to McCammon Avenue**

- TIP Project # 20-2020-005. Regional Mobility Plan # 10-260.
- Construct new 2-lane roadway with turn lanes where needed, concrete curb, gutter, and sidewalks from Foch Street to McCammon Avenue.
- Total length of new roadway will be 0.66 miles.
- Total estimated project cost is \$4.2 million.
- NEPA phase is planned for FY2021.
- Preliminary Engineering for DESIGN phase is planned for FY2022.

#### **15. TDOT Widening and Reconstruction of U.S. 411/S.R. 35 (Sevierville Road ) from Washington Street to Walnut Avenue**

- TDOT will use L-STBG funds from the Knoxville TPO for the 80% federal portion and will use its own funds for the 20% match, with no local funds required from the City.
- Sevierville Road will be widened to 3-4 lanes with curb, gutter, and sidewalk.
- Preliminary schedule is PE-NEPA in 2020, PE-Design in 2021, R.O.W. in 2023 and Construction in 2024. Total project cost estimated at \$9.5 million.

#### **16. TDOT Widening of U.S. 129 (S.R. 115) in Maryville and Alcoa from U. S. 321 (Lamar Alexander Parkway) to S.R. 35 (Hall Road)**

- Widening from 4 lanes to 6 lanes within existing right-of-way.
- Project will include reconstruction of the traffic signal on U.S. 129 at Foch Street.
- Project will provide much needed capacity along U.S. 129 and tie into project currently being developed in Maryville and Alcoa.
- This project was included in the governor's IMPROVE Act list of projects to be funded with increased gas and diesel fuel taxes.
- A Preliminary Field Review was conducted on January 12, 2021 by TDOT.
- TDOT 3-year Plan shows this project is included for R.O.W. Phase in FY2021
- Estimated letting for Construction is Spring 2023.

#### **17. TDOT Reconstruction of S.R. 336 (Montvale Road) from Boardman Avenue to U.S. 321**

- TIP Project #2011-082 is 0.6 miles in length
- Reconstruction of the existing roadway to include 3 lanes with curb & gutter and sidewalk on both sides and a new bridge over Pistol Creek.
- Turn lanes at the intersection of U.S. 321 and Montvale Road will be extended in both the eastbound and westbound directions. Access for Highland Avenue onto U.S. 321 will be removed for a right-turn lane onto S.R. 336 Montvale Road.
- Preliminary engineering & design is underway
- Preliminary Field Review held at TDOT Region I Offices in Knoxville on July 25, 2013.
- Montvale Road was included in the governor's IMPROVE Act list of projects to be funded with increased gas and diesel fuel taxes.
- A public meeting was held by TDOT on January 31, 2019 at the Maryville Municipal Building. The general public was invited to look at preliminary plans for the project and offer comments to the TDOT design staff.
- A R.O.W. Field Review meeting was held on August 29, 2019 at the TDOT Region I office.
- Estimated Right-of-Way plans to be completed by Fall 2021.
- Right-of-way acquisition is estimated to take 18-24 months.
- Preliminary (subject to change) date for letting for Construction is Summer 2024.

## **18. Morganton Road Improvements from Foothills Mall Dr. to S.R. 335 (William Blount Dr.)**

- Existing two lane road with low shoulders will be improved to three lanes with concrete curb, gutter, and sidewalk.
- This project will be a partnership effort between Blount County and the City of Maryville. A \$750,000.00 federal appropriation will be used by Blount County, with the remaining costs to be divided 80% federal L-STBG funds and 20% local funds, with the local share being split 60% Maryville and 40% Blount County.
- The draft environmental document has been completed and submitted to TDOT for review.
- Estimated cost of construction is \$8.2 million.
- Estimated Design Phase will be 2019-2021.
- Estimated Right-of-Way Phase will be 2021-2022. Construction will be beyond 2022.
- A public meeting will be re-scheduled to review the NEPA document sometime in 2021 at Mary Blount Elementary School.

