

# PUBLIC WORKS DEPARTMENT



## SEPTEMBER 2020 UPDATE

### Annual Road Maintenance Project:

City of Monroe Public Works staff completed the design and are administering the construction contract for the 2020 Annual Road Maintenance Project. The work includes placement of hot mix asphalt, pavement repair, planing or grinding, construction of ADA ramps, pavement markings, utility adjustments, traffic control and other associated work.

### 2020 Overlay Map and List of Street Segments:



| On Street               | From Street        | To Street          |
|-------------------------|--------------------|--------------------|
| Tye Street SE           | 169th Drive SE     | Beaton Road SE     |
| Beaton Rd / 147th St SE | 169th Drive SE     | Tye Street SE      |
| 172nd Drive SE          | Beaton Road SE     | South End          |
| Cascade View Drive      | Monroe Co-op       | City Limits        |
| 177th Avenue SE         | W Main Street      | City Limits        |
| Village Way             | W Main Street loop | W Main Street loop |
| 154th Street SE         | 167th Avenue SE    | 171st Avenue SE    |

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### **Public Communication Efforts:**

Social media posts were sent out prior to the start of work and about 340 public notification postcards were mailed to residents adjacent to the proposed construction work areas.

Information on the postcard included approximate construction timeline, work locations, project description, project website, and staff contact information.

Contractors have posted project notice signs throughout the work areas prior to starting activity in the right-of-way.

### **Background and Fiscal Impact:**

The Monroe City Council authorized the initial 2020 Annual Road Maintenance Contract with Lakeside Industries in the amount of \$958,734. The exceptional bid results for this project created an opportunity to preserve additional street segments.

In response to this opportunity Senior Engineer/Project Manager Kim Klinkers and Construction Document Coordination Supervisor Jammi Guion prepared a new set of plans and bid documents that would provide for pavement improvements along 154th Street SE, between 167th Avenue SE to 171st Avenue SE. Cadman Materials, Inc. \$ 288,709 was awarded that contract and work is currently underway.

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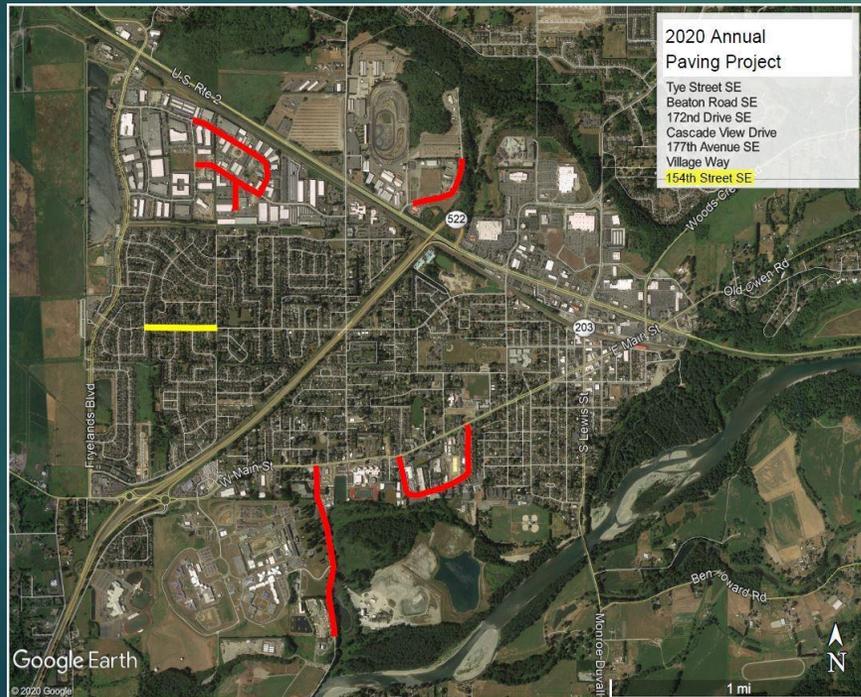
### Metrics:

|                |   | 2019  |         |        |       |       |       | 2020  |       |       |       |         |        |         |           |
|----------------|---|-------|---------|--------|-------|-------|-------|-------|-------|-------|-------|---------|--------|---------|-----------|
|                |   | JULY  | AUGUST  | SEPT   | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY     | JUNE   | JULY    | AUGUST    |
| <b>WWTP</b>    | WWTP Total Flow (millions of gallons)                   | 42.96 | 43.69   | 47.22  | 48.63 | 47.31 | 57.85 | 69.5  | 73.81 | 52.5  | 50.01 | 48.47   | 53.04  | 45.67   | 48.30     |
|                | Average Daily flow (Millions of gallons)                | 1.39  | 1.41    | 1.57   | 1.57  | 1.58  | 1.87  | 2.24  | 2.55  | 1.69  | 1.67  | 1.56    | 1.77   | 1.47    | 1.56      |
|                | Peak Daily Flow (millions of gallons)                   | 1.60  | 1.63    | 2.16   | 2.19  | 2.09  | 3.81  | 2.62  | 5.04  | 2.28  | 2.12  | 2.08    | 2.34   | 1.80    | 1.60      |
|                | Removal Rate  | 98%   | 98%     | 98%    | 98%   | 98%   | 98%   | 99%   | 99%   | 98%   | 97%   | 97%     | 98%    | 95%     | 98%       |
|                | Biosolids transported to BUF (wet tons)                 | 191   | 147     | 214    | 243   | 219   | 249   | 223   | 198   | 286   | 268   | 234     | 216    | 240     | 132       |
| <b>D&amp;C</b> | Private Development (hours)                             | 159   | 198     | 151    | 346   | 374   | 435   | 402   | 416   | 231   | 403   | 304     | 288    | 246     | 327 (est) |
|                | Capital Projects (hours)                                | 639   | 579     | 554    | 656   | 397   | 292   | 459   | 450   | 676   | 521   | 666     | 837    | 836     | 635 (est) |
| <b>O&amp;M</b> | Street Sweeping/<br>Brush Cutting<br>(lane miles/hours) | 64/59 | 117/108 | 281/35 | 680/0 | 721/0 | 127/0 | 134/0 | 344/0 | 261/0 | 29/0  | 421/124 | 427/28 | 494/108 | 259/78    |
|                | Utility Locates   | 226   | 222     | 207    | 231   | 150   | 164   | 250   | 240   | 220   | 156   | 250     | 201    | 214     | 219       |
|                | Water sold<br>(millions of gallons)<br>(15th to 15th)   | 73.1  | 87      | 79.9   | 52.9  | 51.4  | 49    | 50.1  | 50.1  | 48.1  | 52.4  | 54.2    | 58.1   | 62.1    | 87 (est)  |

# Annual Road Maintenance Project

The City's annual road maintenance work is funded through the Transportation Benefit District's collection of .2% of sales tax. Funds are dedicated to ensuring a viable transportation network is available to all types of road users.

This vital component of street preservation has funded ~\$1.25 million dollars of pavement, street marking, and ADA improvements in 2020.



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