

## WASHTENAW COUNTY ROAD COMMISSION

**TO:** Washtenaw County Board of Road Commissioners

**FROM:** Steven M. Puuri  
Managing Director

**SUBJECT:** Staff Report – July 25, 2011 to August 7, 2011

**DATE:** August 16, 2011

### TOWNSHIP REPORTS

#### A. Maintenance

Scraping of soft surfaced roads and patching of paved roads took place throughout the County. In addition, the following specific maintenance activities were performed in individual townships.

#### ANN ARBOR TOWNSHIP

- Clean Culvert – Gleaner Hall Road
- Place Straw Mat - Maple Road
- Berm Removal – Gleaner Hall Road
- Repair Washouts – Englave Road, Danbury Lane, Wayside Drive, Huron River Drive, Blakeway Drive
- Boom Mower – Huron River Drive
- Pick Up Fallen Tree – Warren Road

#### AUGUSTA TOWNSHIP

- Limestone Patch Shoulders – Whittaker Road: 40 tons of limestone
- Limestone Patch – Judd Road, Talladay Road, Rosbolt Road, Tuttle Hill Road: 10 tons of limestone
- Repair Washouts – Bolla Road, Longmeadow Drive
- Boom Mower – Stony Creek Road, Willis Road
- Roadside Clean Up – Arkona Road, McKean Road, Hitchingham Road, Judd Road
- Pick Up Fallen Tree – Stony Creek Road

#### BRIDGEWATER TOWNSHIP

- Limestone Patch Shoulders – Austin Road: 32 tons of limestone
- Dust Control – Primary Roads
- Clean Culvert – Sheridan Road
- Roadside Mowing
- Pick Up Fallen Tree – Schwab Road

#### DEXTER TOWNSHIP

- Limestone Patch Shoulders – Dexter-Pinckney Road, North Territorial Road, Hankerd Road: 18 tons of limestone
- Scrape Shoulders – Dexter Townhall Road
- Dust Control – Local Roads
- Clean Culverts – Island Lake Road, Toma Road

- Repair Washouts – Township Wide
- Roadside Mowing
- Pick Up Fallen Trees – Island Lake Road, Stinchfield Woods Road, Dexter Townhall Road
- Pick Up Fallen Limbs – Fleming Road
- Grind Stumps – North Territorial Road

#### FREEDOM TOWNSHIP

- Limestone Patch Shoulders – Schneider Road: 16 tons of limestone
- Dust Control – Primary Roads
- Gravel Patch – Waters Road: 16 tons of gravel
- Clean Culvert & Ditching – Waters Road
- Repair Washouts – Bethel Church Road, Ellsworth Road, Kothe Road, Spies Road, Steinbach Road
- Roadside Mowing
- Pick Up Fallen Tree – Loeffler Road

#### LIMA TOWNSHIP

- Gravel Patch Shoulders – Old US-12, Scio Church Road, Dexter-Chelsea Road: 16 tons of gravel
- Dust Control – Local Roads
- Limestone Patch – Jerusalem Road, Dancer Road, Lima Center Road, Fletcher Road: 36 tons of limestone
- Clean Culvert – Old US-12
- Repair Washouts – Township Wide
- Roadside Mowing
- Pick Up Fallen Trees – Jerusalem Road, Dancer Road, Easton Road, Trinkle Road, Scio Church Road

#### LODI TOWNSHIP

- Dust Control – Primary Roads
- Limestone Patch – Zeeb Road, Dell Road, Saline Waterworks Road, Weber Road, Waters Road: 95 tons of limestone
- Repair Washouts – Alber Road, Bethel Church Road, Dell Road, Diuble Road, Ellsworth Road, Lindemann Road, Saline Waterworks Road, Tessmer Road, Textile Road, Waters Road, Weber Road, Zeeb Road, Wagner Road

#### LYNDON TOWNSHIP

- Gravel Patch Shoulders – Werkner Road: 12 tons of gravel
- Limestone Patch – Loveland Road, Guinan Drive: 18 tons of limestone
- Gravel Patch – Farnsworth Road, Boyce Road, Waterloo Road, Bush Road, Lindley Road: 43 tons of gravel
- Clean Culvert – Beeman Road
- Repair Washouts – Township Wide
- Roadside Mowing
- Pick Up Fallen Limbs – Roepke Road, Boyce Road
- Adopt-a-Road Bag Pick Up – Waterloo Road

MANCHESTER TOWNSHIP

- Limestone Patch Shoulders – Herman Road, Watkins Road: 32 tons of limestone
- Dust Control – Primary Roads
- Ditching (with assistance of machine and operator from Jackson County Road Commission)
- Clean Culvert – Boetger Road
- Repair Washouts – Sharon Hollow Road, Ayres Road, Noggles Road, Van Tuyle Road, Wellwood Road

NORTHFIELD TOWNSHIP

- Dust Control – Local Roads
- Limestone Patch – Jennings Road: 30 tons of limestone
- Clean Catch Basin – Main Street
- Clean Culvert – Joy Road
- Boom Mower – Kearney Road, Seven Mile Road
- Roadside Mowing
- Pick Up Fallen Trees – Northfield Church Road, Six Mile Road

PITTSFIELD TOWNSHIP

- Dust Control – Local Roads
- Limestone Patch – Crane Road: 30 tons of limestone
- Clean Catch Basins – Township Wide
- Install Check Dams – Merritt Road
- Repair Washouts – Textile Road, Morgan Road
- Pick Up Fallen Tree – Morgan Road
- Brush Removal – Merritt Road

SALEM TOWNSHIP

- Limestone Patch – Napier Road: 5 tons of limestone
- Roadside Mowing
- Pick Up Fallen Tree – Curtis Road

SALINE TOWNSHIP

- Limestone Patch – Macon Road: 24 tons of limestone
- Berm Removal – Arkona Road, Braun Road, Feldkamp Road, Hack Road, Johnson Road
- Repair Washouts – Arkona Road, Braun Road, Macon Road, Mooreville Road, Roehm Road, Willow Road, Hack Road
- Pick Up Fallen Tree – Abel Road

SCIO TOWNSHIP

- Repair Washouts – East Delhi Road, Knight Road, North Delhi Road, Park Road, Peters Road, Pineview Drive, Riverbend Drive, Scio Road, Tubbs Road, Shevchenko Road, West Delhi Road, Liberty Road, Craig Road, Scio Church Road, Zeeb Road
- Boom Mower – Zeeb Road, Miller Road
- Roadside Mowing
- Sweep Stone off of Road – Huron River Drive, Miller Road, Wagner Road

SHARON TOWNSHIP

- Wedging – Sharon Hollow Road
- Limestone Patch Shoulders – Sharon Hollow Road, Sharon Valley Road: 140 tons of limestone
- Dust Control – Primary Roads
- Repair Washouts – Easudes Road, Jacob Road, Sharon Hollow Road, Struthers Road, Sylvan Road, Washburne Road, Hashley Road, Smythe Road
- Roadside Mowing
- Pick Up Fallen Trees – Hashley Road, Lehman Road
- Pick Up Fallen Limbs – Grass Lake Road

SUPERIOR TOWNSHIP

- Clean Catch Basin – Devon Street
- Repair Washout – Clark Road
- Boom Mower – Geddes Road, Plymouth Road
- Roadside Clean Up – Plymouth Road

SYLVAN TOWNSHIP

- Gravel Patch Shoulders – Old US-12, Bush Road: 13 tons of gravel
- Gravel Patch – Garvey Road, McLure Road, Hayes Road, Heim Road, Sibley Road, Liebeck Road: 43 tons of gravel
- Clean Culverts – Pierce Road, Cavanaugh Lake Road
- Repair Washouts – McLure Road, Ridge Road, Sibley Road, Winters Road, Bush Road, Conway Road, Hoppe Road, Kalmbach Road, Kilmer Road, Lingane Road, Loveland Road, Lowery Road, Garvey Road, Hayes Road, Heim Road, Liebeck Road, Cavanaugh Lake Road, Maximillian Drive
- Boom Mower – Old US-12, Garvey Road
- Roadside Mowing
- Pick Up Fallen Trees and Limbs – Cavanaugh Lake Road, Kilmer Road, Old US-12, Hoppe Road, Notten Road

WEBSTER TOWNSHIP

- Dust Control – Primary and Local Roads
- Limestone Patch – Walsh Road: 117 tons of limestone
- Repair Washouts – Gregory Road, Donovan Road, Merkel Road, Zeeb Road, Walsh Road
- Roadside Mowing

YORK TOWNSHIP

- Limestone Patch – Maple Road: 22 tons of limestone
- Replace Crossroad Culvert – Burneth at Carpenter
- Repair Washouts – Maple Road, Mooreville Road, Platt Road, Milan-Oakville Road
- Pick Up Fallen Tree – Saline-Milan Road

YPSILANTI TOWNSHIP

- Limestone Patch Shoulders – Stony Creek Road, Whittaker Road: 30 tons of limestone
- Limestone Patch – Bemis Road: 10 tons of limestone

- Gravel Patch – Bemis Road: 40 tons of gravel
- Dust Control – Local Roads
- Clean Culvert – LaPorte
- Clean Catch Basins – Township Wide
- Replace Crossroad Culvert – River Street between Clark Road and the City of Ypsilanti
- Repair Washout – Morgan Road
- Repair Curb – Stony Creek Road, Ellsworth Road
- Pick Up Fallen Trees and Limbs – Mansfield Street, Harding Avenue, Packard Road, Textile Road, Bunton Road, Canyon Drive, Eileen Avenue
- Brush Removal – Harris Road, Desoto Avenue, Mary Catherine

### TREE CREW

- Sylvan Township – Old US-12 west of M-52
- Lodi Township – Textile Road between Alber and Ann Arbor-Saline Road

### CONSTRUCTION

- Lodi Township – placement of 5978 tons of limestone on Ellsworth Road between Gensley Road and Parker Road
- Sylvan Township – crack sealing on Bush Road between Pierce Road and Sibley Road
- Bridgewater Township – crack sealing on Austin Road west of Schneider Road
- Webster Township – placement of 2,017 tons of limestone on Daly Road between Zeeb Road and Mast Road
- Manchester Township – ditching in preparation to the placement of limestone on Grossman Road between Austin Road and Herman Road
- Ann Arbor Township – ditching in preparation to the placement of limestone on Gleaner Hall Road between Joy Road and Warren Road
- Freedom Township – ditching on Waters Road from the bridge to Schmitz Road
- Ann Arbor, Northfield, Scio and Webster Townships – prep work continues with the identification of trees to be removed for the ditching.

### STATE TRUNKLINE

- Patrol Patching – M-52, US-12
- Roadside Clean Up – US-23, M-14, I-94
- Roadside Mowing – US-23, I-94, US-12 Bypass
- Brush Removal – US-23
- Repair Washouts – US-23, I-94, US-12, M-52
- Delineator Maintenance – I-94, US-23
- Shoulder Maintenance – US-12, US-23, I-94: 422 tons of limestone
- Guardrail Repair – US-23, I-94
- Cut Dead Trees and Fallen Trees – US-23, I-94

## **B. Construction**

Design work related to the Willis Road Bridge replacement project continues. Staff assignments were reviewed and changed in an effort to provide needed coverage for the 2011 construction projects

### **COUNTY-WIDE**

*2011 Preventative Maintenance Program (Crack Seal/Chip Seal Contract):* The Contractor completed the chip seal and fog seal work on Dixboro Road, Old US-12 (county-line to Wilkinson Street), Old US-12 (Freer Road to Fletcher Road), Pleasant Lake Road (Fletcher Road to Lima Center Road), Pleasant Lake Road (Parker Road to Zeeb Road), Scio Church Road (Strieter Road to Zeeb Road), Textile Road (Maple Road to State Road) and Carpenter Road (1,500 feet north of Willis Road to Textile Road).

*2011 Preventative Maintenance Program (HMA Contract):* The Contractor completed the hot-mix asphalt preventative maintenance work on Main Street from Six Mile Road to Eight Mile Road in Northfield Township. This work included spot milling and resurfacing the existing HMA roadway, structure adjustments and sidewalk ramp work to bring the existing pedestrian facilities into compliance with Americans with Disabilities Act standards.

*2011 Traffic Sign Upgrades:* The 2011 traffic sign upgrade project consists of replacing traffic signs along Carpenter Road (City of Milan to Washtenaw Avenue), Jackson Road (Jackson Industrial Drive to Wagner Road), Old US-12/Jackson Road (county-line to Parker Road) and North Territorial Road (M-52 to county-line). The project was bid in the July 1, 2011 MDOT bid letting and the pre-construction meeting was held on July 26, 2011. Work is expected to begin in early September.

### **LIMA/SHARON TOWNSHIP**

*Lima Center Rd Bridge, Dancer Rd Bridge, Waldo Rd Bridge – Superstructure Replacement:* The Waldo Rd Bridge structure has been fabricated and sent out to the galvanizing facility. Beams for the Dancer Rd Bridge and Lima Center Rd Bridge have been delivered and fabrication is scheduled to commence.

### **PITTSFIELD TOWNSHIP**

*State Road Environmental Assessment:* Staff met with the Consultant and township officials to review the illustrative alternatives and plan for the public meetings scheduled on September 14, 2011.

### **WEBSTER TOWNSHIP**

#### *Mast Road Bridge over the Huron River – Bridge Rehabilitation*

The existing asphalt road approaches were removed; new HMA was placed on July 27. Riprap slope protection was placed in the northwest corner of the bridge. Concrete sidewalks were cast in the NW and SW corners. With the substantial completion of Stage 1 operations, traffic was shifted into two-lanes on July 29. Stage 2 construction began on August 1. False decking was installed under the bridge. Work during the week of August 1 included the installation of false decking, chipping of deteriorated deck areas, removal of the deck joints and beam end repairs.

Heavy rain and the resulting rise in the Huron River have delayed pier repairs. Staff coordinated with ATT regarding the utility conduits in the west side sidewalk. The Michigan DEQ-DNR granted approval for proposed scour repairs under the bridge

### YPSILANTI TOWNSHIP

Holmes Rd, Phase 3 (Spencer Rd to Michigan Ave) - Road Reconstruction: Utility structure castings were adjusted in preparation for final HMA paving. Restoration activities began on July 26. Heavy rain thereafter delayed restoration to the week of August 1. Restoration was substantially completed on August 4. A portion of the permanent signage was installed on August 2. Additional riprap was placed in a roadside ditch; this ditch is the primary outlet for the newly installed storm sewer system. Minor concrete items were completed. The DTE street lighting installation is nearing completion.

Textile Road and James L. Hart Parkway: The Contractor milled and paved James L. Hart Parkway from Frank Daniels Drive to Huron Street. The pedestrian facilities at the James L. Hart Parkway/Huron Street intersection were upgraded to meet current ADA standards.

Textile Road (Bridge Road to Rawsonville Road): The Contractor completed improvements at the Textile Road/Bridge Road intersection. This work included removal of a deteriorated landscaping box, regrading and placement of curb and gutter to establish positive drainage, sidewalk ramp improvements to meet current ADA standards and reconstruction of the existing traffic signal. Textile Road was paved and shoulders applied from Bridge Road to Rawsonville Road.

### **C. Project Development**

#### DESIGN

Staff is preparing final plans, proposals, and estimates for the Waters Road Improvements in Lodi Township, Arkona Road guardrail project in Saline Township, Preventative Maintenance HMA Overlay Program for various locations within the county and the Golfside resurfacing project in Ypsilanti and Pittsfield Townships. Staff also prepared an engineer's estimate and drawings for a Safety Grant application. Staff is working with the Contractor in preparation for paving activities on the Uplands Subdivision Special Assessment District project. Staff initiated the process for a new special assessment district in the Fox Ridge Subdivision in Lodi Township.

#### RIGHT-OF-WAY

Staff continues negotiations to acquire property rights necessary for the installation of ADA compliant sidewalk ramps from Sears Holding Corporation and a second property owner as part of the proposed improvements to Golfside Road from Packard Road to Clark Road in Ypsilanti and Pittsfield Townships. Staff prepared and mailed a public information notice, reviewed tree survey data and met with several property owners to obtain grading permits necessary for the proposed Waters Road improvements in Lodi Township. Staff informed two property owners of encroachments within the Waters Road/Park Road right-of-ways. Several other encroachments are advancing towards formal requests of the Board to issue Removal Orders as the property owners have not removed items at the request of staff.

Staff requested funds to close on the acquisition of a permanent road easement necessary for the permitted activities at Hitchingham Road/Merritt Road in Ypsilanti Township. Staff completed identifying storm drainage structures in Northfield and Webster Townships in compliance with MDEQ permit requirements.

### SURVEY

Staff continues the field survey for the Ford Road Bridge Replacement project. The existing bridge footprint was located, trees and other planimetric objects were located, and cross section surveys are underway. Staff assisted with ADA ramp configurations for the Textile and Bridge paving project and other various locations within the county. Staff continues mapping of storm sewer structures as part of the MS4 project. Staff continues compiling input from various stakeholders for the 2012-2016 Capital Improvement Plan.

### **D. Permits & Subdivisions**

Staff received 28 new right-of-way permit applications during this period and logged six plans for review. At this time there are 96 pending right-of-way permits (applied for but not issued); 36 residential, 21 commercial, 24 utility, and 15 miscellaneous permits. Staff completed nine plan reviews, eight sight distance studies, performed one motor carrier enforcement stops, issued three citations, responded to one service request, issued six stop work orders and completed three final inspections. Currently there are 440 active right-of-way permits (issued & awaiting completion); 181 residential, 42 commercial, 149 utility, and 68 miscellaneous permits. Staff issued 16 residential driveway, five commercial driveway, three utility, five miscellaneous, 57 transportation permits and receipted approximately \$9,700 in permit fees and surety during this period.

### PITTSFIELD TOWNSHIP

Lohr Road & Textile Road Greenway: The Contractor completed tree removal and continues to grade and install storm sewer.

### YPSILANTI TOWNSHIP

Merritt Road & Hitchingham Road: The Contractor is working on road widening, sand subbase and aggregate base placement.