

WASHTENAW COUNTY ROAD COMMISSION

TO: Washtenaw County Board of Road Commissioners

FROM: Steven M. Puuri
Managing Director

SUBJECT: Staff Report – September 7, 2009 thru September 27, 2009

DATE: October 6, 2009

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

- Limestone Patch – Country Club Road: 2 tons of limestone
- Gravel Patch – Maple Road: 10 tons of gravel
- Roadside Mowing
- Pick Up Fallen Trees – Dixboro Road

AUGUSTA TOWNSHIP

- Limestone Patch – Tuttle Hill Road: 100 tons of limestone
- Roadside Mowing

BRIDGEWATER TOWNSHIP

- Dust Control – Primary and Local Roads
- Limestone Patch – McCollum Road: 14 tons of limestone
- Gravel Patch – Braun Road, Hack Road: 39 tons of gravel
- Cut Bleeders – Arkona Road, Fisk Road, Hack Road, Neblo Road
- Roadside Clean Up – Lima Center Road
- Cassidy Lake Prison Brush Crew – Hoelzer Road
- Township Project – berm removal on Hoelzer Road between Clinton Road and Lima Center Road in preparation to limestone placement

DEXTER TOWNSHIP

- Limestone Patch Shoulders – North Territorial Road: 5 tons of limestone
- Limestone Patch – Webb's Shore Drive, Riker Road, Island Lake Road: 39 tons of limestone
- Dust Control – Local Roads
- Ditching – Riker Road, Dancer Road
- Clean Culvert – Riker Road, Webb's Shore Drive
- Replace Crossroad Culvert – Fleming Road east of McGuinness Road
- Pick Up Fallen Tree – North Territorial Road
- Pick Up Fallen Tree Limbs – Madden Road

- Remove Post – Dexter-Pinckney Road
- Township Project – Placement of 559 tons of limestone on Brand Road

FREEDOM TOWNSHIP

- Sweeping – Pleasant Lake Road, Schneider Road
- Dust Control – Primary and Local Roads
- Gravel Patch – Peckins Road: 15 tons of gravel

LIMA TOWNSHIP

- Dust Control – Local Roads
- Limestone Patch – Dancer Road, Wylie Road, Fletcher Road: 38 tons of limestone
- Gravel Patch – Dancer Road: 12 tons of gravel
- Ditching – Dexter-Chelsea Road, Scio Church Road, Liberty Road
- Roadside Clean Up – Liberty Road, Trinkle Road
- Pick Up Fallen Tree Limbs – Steinbach Road
- Cut Dead Trees – Scio Church Road at Klager Road
- Private Order Dust Control – Fletcher Road

LODI TOWNSHIP

- Scrape Shoulders – Pleasant Lake Road
- Dust Control – Local Roads
- Limestone Patch – Waters Road, Saline Waterworks Road, Weber Road, Textile Road, Ellsworth Road, Dell Road: 176 tons of limestone
- Ditching – Saline Waterworks Road, Ann Arbor-Saline Road
- Clean Culvert – Saline Waterworks Road
- Berm Removal – Alber Road, Saline Waterworks Road
- Township Project – Placement of 1056 tons of limestone on Waters Road between Strieter Road and Diuble Road

LYNDON TOWNSHIP

- Dust Control – Local Roads
- Limestone Patch – Roepke Road: 32 tons of limestone
- Gravel Patch – Boyce Road: 12 tons of gravel
- Ditching – Embury Road
- Pick Up Adopt-a-Road Bags – Waterloo Road
- Pick Up Fallen Limbs – Waterloo Road, Bowdish Road

MANCHESTER TOWNSHIP

- Sweeping – Austin Road
- Limestone Patch – Wolff Road: 8 tons of limestone
- Pick Up Fallen Trees – Sharon Hollow Road
- Cut Dead Trees – Sooten Road south of Hogan Road
- Cassidy Lake Prison Brush Crew – Kuhl Road, Noggles Road
- Township Project – placement of 326 tons of gravel on Mahrle Road as part of a township wide program

PITTSFIELD TOWNSHIP

- Dust Control – Local Roads
- Limestone Patch – Textile Road, Ruby Street, Diamond Street: 80 tons of limestone
- Clean Catch Basins – Hunt Club Drive, Lancaster Court, Sunrise Drive, Wapiti Way

SALEM TOWNSHIP

- Limestone Patch Shoulders – North Territorial Road: 10 tons of limestone
- Dust Control – Local Roads
- Repair Washout – Tower Road
- Replace Crossroad Culverts – North Territorial Road west of Tower Road; Tower Road south of North Territorial Road
- Ditching – Tower Road, North Territorial Road
- Township Project – Ditching on Chubb Road

SALINE TOWNSHIP

- Dust Control – Local Roads
- Gravel Patch – Hack Road: 40 tons of gravel
- Berm Removal – Arkona Road, Dell Road, Marion Road, Roehm Road
- Roadside Mowing
- Boom Mower – Austin Road, Dell Road, Grass Road
- Township Project – placement of 5813 tons of limestone on Marion Road, Macon Road, Roehm Road, Abel Road, and Arkona Road as part of a township wide program.

SCIO TOWNSHIP

- Limestone Patch Shoulders – Huron River Drive: 95 tons of limestone
- Dust Control – Local Roads
- Limestone Patch – Marshall Road: 35 tons of limestone
- Boom Mower – Laurentide Drive, Craig Road

SHARON TOWNSHIP

- Gravel Patch – Easudes Road, Sharon Hollow Road, Peckins Road, Sylvan Road: 76 tons of gravel

SUPERIOR TOWNSHIP

- Scrape & Limestone Patch Shoulders – Cherry Hill Road: 171 tons of limestone
- Dust Control – Local Roads
- Limestone Patch – Warren Road, Gale Road: 16½ tons of limestone
- Gravel Patch – Cherry Hill Road: 15 tons of gravel
- Repair Washout – Warren Road
- Roadside Mowing
- Cut Dead Trees – 7777 Cherry Hill Road, 1681 Sheffield Drive, 1750 Hamlet Drive

SYLVAN TOWNSHIP

- Scrape Shoulders – Old US-12
- Dust Control – Primary and Local Roads
- Limestone Patch – Hayes Road: 5 tons of limestone
- Ditching – Garvey Road, Musbach Road, Sylvan Road
- Clean Culvert – Sylvan Road
- Roadside Mowing
- Pick Up Fallen Tree Limbs – Hayes Road

WEBSTER TOWNSHIP

- Limestone Patch Shoulders – Huron River Drive: 10 tons of limestone
- Dust Control – Local Roads
- Ditching – South Hamburg Road, North Territorial Road

YORK TOWNSHIP

- Limestone Patch Shoulders – Stony Creek Road, Carpenter Road: 20 tons of limestone
- Limestone Patch – Crane Road: 10 tons of limestone
- Cut Bleeders – Day Road, Jewell Road, Petersburg Road, Judd Road, Wright Road, York Terrace
- Roadside Mowing
- Roadside Clean Up – Judd Road
- Township Project – Placement of 1930 tons of limestone on Crane Road and Judd Road as part of a township wide project

YPSILANTI TOWNSHIP

- Scrape and Limestone Patch Shoulders – Bridge Road, Rawsonville Road, Textile Road: 100 tons of limestone
- Scrape Shoulders – Huron River Drive
- Sweeping – Merritt Road, Stony Creek Road
- Check Catch Basins – Township Wide
- Roadside Clean Up – Whittaker Road, Watson Avenue, Stony Creek Road, Textile Road
- Township Project – Crack Filling: Pageant Avenue, Hunter Avenue

TREE CREW

- Lodi Township – Ann Arbor-Saline Road east of Wagner Road, Weber Road west of Ann Arbor-Saline Road

PREVENTATIVE MAINTENANCE

Crack Filling:

- Freedom Township – Reno Road
- Scio Township – Miller Road, Dexter-Ann Arbor Road to Wagner Road (ARRA – Urban)
- Freedom/Sharon Townships – Pleasant Lake Road, M-52 to Fletcher Road (ARRA- STP Rural)
- Pittsfield Township – Maple Road, Saline City Limits to Ann Arbor-Saline Road (ARRA-Urban)

- Augusta Township – Whittaker Road, Willis Road to Bemis Road (ARRA – STP Rural)
- York Township – Stony Creek Road, Saline-Milan Road to Carpenter Road (ARRA – TEDF-Category D)

CONSTRUCTION

- Lodi Township –Ann Arbor-Saline Road, Wagner Road to Maple Road: install centerline drains and ditching prior to milling and overlay

STATE TRUNKLINE

- Patch – M-14, US-12, M-52, I-94
- Roadside Clean Up (including Adopt-a-Highway bags) – I-94, M-14, US-23, US-12, M-52
- Shoulder Maintenance – I-94, M-52, US-23, US-12, M-14: 907 tons of limestone
- Crack Sealing – M-14
- Brush Removal – I-94, M-52
- Cut Dead Trees – I-94
- Repair Washouts – M-153, US-23, M-14
- Ditching – US-23, I-94
- Guardrail Repair – US-23, I-94
- Sand Oil Spill from Accident – US-23
- Clean Drains – I-94, M-14, US-12
- Close Lane on I-94 for State Tree Crew to Remove Trees
- Mow Area at North Rest Area

B. Construction

AUGUSTA TOWNSHIP

Oakville-Milan Road - Road Reconstruction: Site activities extending from the Milan City limits to Sanford Road included placement and grading of topsoil and restoration (seed, fertilizer, mulch) and the installation of permanent signs. Preparation of the widened road sections east of Sanford Road, including the placement of sand subbase continued. The existing asphalt pavement east of Sanford Road was pulverized on September 11-14. Grading, balancing compaction of the pulverized roadway material was initiated. Staff responded to various resident inquiries. Hot Mix Asphalt (HMA) paving has been scheduled for the week of September 28, 2009.

PITTSFIELD TOWNSHIP

Platt Road Greenway, Ellsworth Road to Textile Road – Pathway Construction: The contractor completed final grading and paved with hot-mix asphalt (HMA) from Ellsworth Road to the Koch-Warner Drain north of Textile Road. The contractor also continues to cut in the new pathway and place the aggregate base from the Koch-Warner Drain to Textile Road. Drainage work including setting and modifying structures, installing and/or extending culverts and ditching has been completed as needed along the pathway. Existing curb and gutter at the various intersections has been removed and will be replaced along with ADA sidewalk ramps in early October. Staff continues to coordinate construction activities with township representatives.

SCIO TOWNSHIP

Jackson Road, Phase 3 - Road Reconstruction: The concrete paving contractor has continued placing miscellaneous concrete including turn lanes, tapers and duck outs throughout the eastbound portion of the project. Concrete curb and gutter continues to be placed at gaps and cross-over locations. The contractor has graded for many of the driveways and sidewalk and concrete driveways and sidewalk have been placed in many locations. The contractor has started final grading of the southside and median area. Restoration activities are scheduled to begin the week of September 28. Traffic signal foundations have been poured at the Jackson Road/Baker Road intersection with setting of the Z-truss and mast arms scheduled for early October.

SUPERIOR TOWNSHIP

Plymouth Road/Gotfredson Road - Intersection Improvement: Concrete driveway approach openings and spillways were completed. Placement and grading of the sand subbase and aggregate base was completed. The existing pavement surface was cold milled. A WCRC media advisory was prepared and distributed regarding paving operations. Hot Mix Asphalt (HMA) paving (base, leveling, wearing, drive approaches) was completed on September 15-16. The new pavement was subsequently striped and marked. Permanent signs were installed. Final grading of the ditchlines and slopes was completed and stone riprap was installed. Work by WCRC crews related to the new traffic signal continued. Restoration has been scheduled for the week of September 28, 2009.

Plymouth Road Bridge over Fleming Creek - Bridge Replacement: Reinforcing steel was placed, forms were set and the concrete bridge parapet railings were cast. The east and west bridge approach slabs were constructed. Stone riprap was placed into final position adjacent to the bridge wingwalls. Roadway approach construction began on September 10, 2009. The existing pavement was removed, topsoil was stripped, sand subbase and aggregate base were placed and graded. Ditchlines and slopes were graded and stone checkdams were installed. An unexpected gas main utility conflict was resolved. Hot Mix Asphalt (HMA) paving (base, leveling, wearing) was completed on September 23-24. Aggregate shoulders were placed. Topsoil was placed and graded.

YPSILANTI TOWNSHIP

Whittaker Road at Stony Creek Road – Roundabout Construction: The Whittaker Road at Stony Creek Road roundabout project was let in the MDOT September 18, 2009 bid letting. A pre-construction meeting will be scheduled shortly with construction expected to begin in Spring 2010.

COUNTY-WIDE

2009 Preventative Maintenance Program: The 2009 Preventative Maintenance Program consists of milling and hot-mix asphalt (HMA) paving of various roads county-wide. The project was let in the MDOT September 18, 2009 bid letting. A pre-construction meeting is scheduled for October 2, 2009. Some work may be completed in Fall 2009 but the majority of work is expected to be completed in 2010.

C. Project Development

DESIGN

Paving operations were completed and shoulder placement work continued on the Wing Meadows Special Assessment District (SAD) project. Storm structure repairs, curb replacement, and sidewalk modifications began on the Varsity Industrial Subdivision Special Assessment District (SAD) project. Pulverization and paving are expected to occur the week of September 28, 2009, weather permitting. Staff secured the Notice of Coverage for a stormwater permit and is working with the utility company to resolve a utility conflict for the Holmes Road, Phase III project. Staff continues working on programming projects for the remainder of the American Resource and Recovery Act (ARRA) funding program. Bids were received for the first round of ARRA funding and a preconstruction meeting has been scheduled. Bids were also received for the Whittaker Road/Stony Creek Road project and a preconstruction meeting will be scheduled. Staff continues assisting the Construction section with required MDOT document submittals on the Plymouth Road Bridge project, Plymouth Road/Gotfredson Road Safety project, and the Jackson Road, Phase III project. Staff completed design drawings for submittal of the MDEQ permit and material ordering for the Willow Road Culvert and Warren Road Culvert projects. Staff is working to verify the watershed area for the Earhart Road culvert replacement project.

RIGHT-OF-WAY ACTIVITIES

Staff received notice that funding was appropriated for the Rawsonville Road/Bemis Road Intersection Improvement project, indicating MDOT Local Public Agency coordinator approved acquisitions for the project. Staff continues to meet with property owners and residents on the Holmes Road, Phase III project and is pursuing additional drainage easement from Ypsilanti Township necessary to meet the Water Resource Commissioner objectives. Staff continues to monitor tree removal activities on the Hitchingham Road Paving project. Staff addressed a property owner concern regarding a drive approach on the Milan-Oakville project. Staff received a damage claim form regarding alleged crop loss which was forwarded to construction for processing. Staff facilitated a property owner with a request to bid on sod replacement for the Plymouth Road/Gotfredson Road project. Staff continues to monitor Pontiac Trail drain cleanout activities and will inform the property owner of schedule. Staff received a request to engage two property owners regarding removal of trees for the Warren Road culvert replacement project. Staff began collecting lease data for comparables to Jackson Road properties.

SURVEY ACTIVITIES

Staff continued staking mainline, crossovers, and driveway approaches for the Jackson Road, Phase III project. Staff continued staking centerline, edge of pavement grades, and driveway culverts for the Milan-Oakville project. Staff continued staking back of curb, ditch, centerline, and edge of pavement grades for earthwork and paving operations for the Plymouth Road/Gotfredson Road Safety project. Staff continued a drainage study along Zeeb Road south of Waters Road. Staff continued compiling information for the 2010-2014 Capital Improvement Plan and prepared a draft project plan for the Managing Director to present to the Board. Staff submitted an invoice for reimbursement for the field work for the 2009 PASER ratings for the federal aid eligible primary roads.

D. Permits & Subdivisions

Staff received 36 new right-of-way permit applications during this period and logged 23 plans for review. At this time there are 108 pending right-of-way permits (applied for but not issued); 11 residential, 51 commercial, 37 utility, and 9 miscellaneous permits. Staff completed 9 plan reviews, performed 10 sight distance studies, responded to 1 service request, performed 9 motor carrier enforcement stops and issued 1 stop work order. Currently there are 492 active right-of-way permits (issued & awaiting completion); 138 residential, 55 commercial, 198 utility, and 101 miscellaneous permits. 11 final inspections were performed during this period. Staff issued 5 residential drive, 5 commercial drive, 10 utility and 70 transportation permits and receipted approximately \$29,800 in permit fees and surety.

ANN ARBOR TOWNSHIP

City of Ann Arbor Swift Run Sanitary Sewer: The Contractor completed the sanitary sewer crossing of Glencoe Hills Drive and is working to complete the restoration.

AUGUSTA TOWNSHIP

Lincoln Pines Condo, Ph III: The developer has not fulfilled the Agreement to Construct Road Improvements, so staff has cashed the security for the project and is working with contractors to complete the roadways. The storm sewer video inspection has been completed and staff has marked out pavement and curb repairs for the contractor to complete prior to paving the HMA top course.

PITTSFIELD TOWNSHIP

Wal-Mart Road Improvements: The following construction is scheduled weather permitting:

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| October 1-6 | Pave HMA leveling course, begin structure adjustments, and restoration on the north side of US-12. |
| October 6 | Activate the signal at US-12 & State Road. |
| October 6-9 | Complete structure adjustments, restoration and punch list items. |
| October 9-13 | Pave HMA top course on US-12, State Road, and Moon. Complete permanent pavement markings and signing. |

The contractor is working to complete all of the road improvements by October 13th for an October 14, 2009 store opening.

Arbor Ridge Condo, Ph 2A – The Contractor is working to complete punch list items prior to final acceptance of the public roadways.

St. James Woods Condo, Ph II – The Contractor is working to complete storm sewer repairs prior to paving the HMA top course.

SUPERIOR TOWNSHIP

Fairway Glens Subdivision No. 1 – The developer has not fulfilled the Agreement to Construct Road Improvements so staff has cashed the security for the project and is working with contractors to complete the roadways. The pavement and curb repairs have been marked out for the contractor to complete prior to paving the HMA top course. Staff is working with the land owner (Key Bank), to secure easements and additional financial contributions to complete the sidewalk ramps and the second paved access connection to Wiard Road.