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SUMMIT COUNTY ENGINEER

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Summit County Engineer's office has summer road work planned

Akron, Ohio – Alan Brubaker, P.E., P.S., Summit County Engineer has finalized the summer road work plans to take place in various locations around the County for 2012. Though revenues continue to decrease, the Summit County Engineer's office has allocated \$1.94 million for pavement maintenance in the Capital Improvement Program this year, an increase of 30% over the 2011 pavement maintenance allocation. This is due to cost saving administrative and personnel changes, allowing more room in the budget for improving the County's roads and bridges.

The Summit County Engineer's office bid process was opened up to other communities in Summit County for the second consecutive year. The larger purchasing power created by bidding for pavement maintenance items as one larger unit leads to smaller per unit costs for all participants, while allowing municipalities to maintain local control over the projects. The Summit County Engineer's office administers the County-wide program.

"In tough financial times, both for government and the taxpayers, we are very pleased to offer a program that can reduce the cost of doing business," said Engineer Brubaker. "Continued participation from cities, villages and townships will make this program a success. The regional approach saves money and promotes efficiency in our road programs without reducing the level of services. It's a win-win-win situation for the County, municipalities, and the townships."

Many officials were involved in the creation of the County-wide program. The Summit County Engineer's office would like to thank Summit County Council, the Summit County Executive, and participating officials from Bath, Copley, Coventry, Sagamore Hills, Springfield, and Twinsburg Townships as well as the cities of Akron and New Franklin and the Village of Richfield.

"When I became County Engineer in 2009, government was just beginning to feel the pinch of the slowing economy and my solution was to go back to the basics", said Brubaker. "That means we reduced overhead costs, cut unnecessary projects that would require us to borrow more money and instead live within our means to perform our fundamental job function – maintenance and repair of County roads and bridges. We are now seeing the benefit of those decisions by experiencing increases in our pavement maintenance budget".

Please find below the upcoming projects in your area:

2012 Summit County 405 and 409 Resurfacing Program

<u>Owner</u>	<u>Road</u>	<u>From</u>	<u>To</u>
Summit County Engineer (405 and 409)	Martin Road (Bath Township)	Cuy Falls Corporate Line	Bath Road
Summit County Engineer (409)	Black Road (Richfield Township) Ira Road (Bath Township) Pickle Road (Springfield Township)	Boston Mills Road Hametown Road Killian Road	Columbia Road Cleve-Mass Road Krumroy Road
Copley Township (409)	Denise Drive Sunside Drive Colby Drive Crusade Drive Saint Clair Drive Cliffside Drive	all all all all all all	all all all all all all
Coventry (405 and 422)	Alfred Road Chaffin Court Chaffin Road Chenoweth Extension Deluxe Avenue Gregg Road Gregg Road Joseph Avenue Trapas Avenue	all all all all all all all all all	all all all all all all all all all
Springfield (405 and 422)	Archmere Drive Delaware Avenue Gregory Drive Hillstock Avenue Kurtz Road Mallard Drive McCarty Drive Nicholas Road North Overlook Drive Park Boulevard. Shadybrook Drive Toepfer Road	all all all all all all all all all all all all	all all all all all all all all all all all all
Twinsburg (405 and 422)	Buchtel Street Case Street Harvard Street Rugby Street Stanford Street Yale Street	all all all all all all	all all all all all all
Twinsburg (422)	Eton Street	all	all

Oxford Street all all

422 resurfacing is also known as Seal Coat or Chip Seal.

The contractor places an emulsion on the roadway, spreads gravel on top of the emulsion, compacts the stone into the emulsion with a roller, and then sweeps the excess gravel from the road the same day and then again after about a week.

422 is much less expensive than hot mix asphalt, prevents water from causing cracks and potholes in the pavement, and increases tire traction.

405 resurfacing is also known as Motor Paving. The contractor uses a portable mixer on-site to prepare the asphalt mixture, places it on the roadway, and then compacts it with a roller. 422 is then placed on top of the 405.

405 is less expensive than hot mix asphalt and is used in conjunction with 422 when the roadway crown or edges need to be re-established. A further advantage is that 405 is more flexible than hot mix asphalt and can resist small movements in the road base that would crack hot mix asphalt.

Lytle Construction is the contractor for this year's combined 405/409 contract. This contract includes the Summit County Engineer's Office and Copley, Coventry, Springfield and Twinsburg Townships.

The value of this year's contract is \$1,314,961.75 and will be performed in July and August.

2012 Summit County 448 Resurfacing Program North

Owner	Road	From	To
Summit County Engineer	Revere Road (Bath Township)	Shade Rd	Ira Rd
Bath	North Ridge Drive	all	all
	Stone Gate Boulevard	all	all
	Willow Drive	all	all
Richfield Village	Brecksville Road	I-271 Bridge	SR 303
Sagamore Hills	Hawthorne Circle	all	all
	Hawthorne Drive	all	all
	Spring Creek Drive	all	all
	Walton Road	Houghton Rd	Sagamore Rd.

448 resurfacing is also known as Hot Mix Asphalt. The asphalt is prepared in an asphalt plant, transported to the site in heated trucks, placed on the roadway in the desired thickness, and then compacted with a roller. 448 is the most durable (and most expensive) asphalt pavement and resists cracking and rutting more than 405 and 422 resurfacing. It is used in locations that have heavy traffic and a high percentage of truck traffic.

Perrin Asphalt Company is the contractor for this year's 448 contract in the northern half of Summit County. This contract includes the Summit County Engineer's Office and Bath, Richfield, and Sagamore Hills Townships.

The value of this year's contract is \$1,043,709.98 and will be performed in July, August, and September.

2011 Summit County 448 Resurfacing Program South

Owner	Road	From	To
Summit County Engineer	Jacoby Road (Copley Township)	Copley Rd	Ridgewood Rd
Copley Twp	Old Spring Road	Conestoga	Ridgewood
	Meadow Wood	Conestoga	Ridgewood
	Scarlet Oak Drive	Meadow Wood Ln	Fawn Meadow Dr
	Fawn Meadow	Scarlet Oak	Conestoga

448 resurfacing is also known as Hot mix Asphalt. The asphalt is prepared in an asphalt plant, transported to the site in heated trucks, placed on the roadway in the desired thickness, and then compacted with a roller. 448 is the most durable (and most expensive) asphalt pavement and resists cracking and rutting more than 405 and 422 resurfacing. It is used in locations that have heavy traffic and a high percentage of truck traffic.

Perrin Asphalt Company is the contractor for this year’s 448 contract in the southern half of Summit County. This contract includes not only the Summit County Engineer’s Office, but also Copley Township.

The value of this year’s contract is \$421,825.50 and will be performed in July, August, and September.

Riverview Road Resurfacing Part 1 (Boston Township)

Riverview Road Part 1 will be improved this year from the Cuyahoga Falls Corp. Line to the Village of Peninsula Corp. Line. The existing road will be milled, pavement repairs will be performed, new asphalt will be placed, and new pavement markings will be applied.

The Project will be bid in July.

The Engineer’s Estimate of this contract is \$750,000. The project is funded 80% by federal funds and 20% by local funds.

The work will be performed in August and September.

Akron-Peninsula Road Resurfacing Part 2 (Boston Township)

Akron-Peninsula Road will be improved this year from 300’ south of Truxell Road to the Cuyahoga Falls Corp. Line. The existing road will be milled, pavement repairs will be performed, new asphalt will be placed, and new pavement markings will be applied.

The Project will be bid in May

The Engineer’s Estimate of this contract is \$731,235.20. The first \$700,000.00 of construction is funded 100% by federal funds and the remainder by 100% local funds.

The work will be performed in July and August.

Boston Mills Road Resurfacing (Boston Township)

Boston Mills Road will be improved this year from Riverview Road to the Summit County Engineer Maintenance Station. The existing road will be recycled into the base for the new road by a process known as “Single Pass In-

Place Asphalt Recycling." 405 Motor Paving and 422 Seal Coat will then be installed as the intermediate and surface courses.

Specialized Construction is the contractor for this project.

The value of this contract is \$203,829.00. This work is being funded 100% by local funds.

The work will be performed in June and July.

Asphalt Rejuvenating

Owner	Road	From	To
Summit County Engineer	Pickle Road (Springfield Township)	City of Green CL	Killian Rd.
	Old Mill Road (Twinsburg Township)	City of Twinsburg CL	Ravenna Rd.
	Bath Road (Bath Township)	Revere Rd.	Shade Rd.
	Revere Road (Bath Township)	Bath Rd.	Shade Rd.
	Albrecht Road (Springfield Township)	Edith	SR 532
	Akron-Peninsula Road (Boston Township)	Village of Peninsula CL	500' south of Quick
	Warner Road (Coventry Township)	La Force	Arlington
Akron	Cross Creek Trail	South Dead End	North Dead End
	Ledge Rock Trail	Cross Creek Tr	Cul De Sac
	Chaney Drive	Valley Rd	Cross Creek Tr
	Timber Ridge Drive	West Cul De Sac	Valley Rd
	Valley Road	Akron South Corp	Timber Ridge Dr
	Meredith Lane	West Corp	Valley Rd
	Rosamond Avenue	Dead End West off Washburn	Dead End East off Washburn
	Russell Avenue	Dead End West	Superior Ave
	White Avenue	Rosamond Ave	Vernon Odom Blvd
	Fess Avenue	White Ave	Washburn
	Oakwood Avenue	Wilbeth	Reed Ave
	Oakwood Avenue	Clinton Ave	Palmetto Ave
	Reed Avenue	Aster Ave	Brown St
	Girard Street	Archwood Rd	Cole Ave
	Herberich Avenue	Reed Ave	Archwood Rd
	Harrison Avenue	Dead End West	9th St SW
	Chester Avenue	13 St SW	9th St SW
	Wyandot Avenue	Tonawanda Ave	Onondago Ave
	Mohawk Avenue	Tonawanda Ave	Onondago Ave
	St. Ledger Avenue	Malasia Rd	Pilgrim St
	St. Ledger Avenue	Newton St	Huguelet Ave
	Honodle Avenue	Hillside Terr	Morningview Ave
	Preston Avenue	Brittain Rd	Morningview Ave
	Morningview Avenue	Malasia Rd	Hampton Rd
	Beaver Street	Corley St	Exchange St
	Corley Street	Margaret St	McGowen St
	Margaret Street	Johnston St	Corley St
Robindale Avenue	Canton Rd	Stevenson Ave	

Asphalt Rejuvenating agent is applied to hot mix asphalt pavement that was placed one or two years ago. The agent restores flexibility and water resilience that the asphalt surface lost due to weathering and the passage of time. Forty-five minutes after the rejuvenating agent is applied, sand is placed over the agent to absorb excess agent and provide enhanced vehicle traction. One week later, the excess sand will be swept from the road surface.

Pavement Technology, Inc. is the contractor for this year's Asphalt Rejuvenating This contract includes the Summit County Engineer's Office and the City of Akron.

The value of this year's contract is \$114,842.00 and will be performed in July, August, and September.

2012 Crack Sealing Program for Summit County

Owner	Road	From	To
Summit County Engineer	Cleveland-Massillon Road (Bath Township)	Springside Dr.	Ghent Rd.
	Summit Road (Copley Township)	Cleveland-Massillon Rd.	Jacoby Rd.
	Portage Lakes Drive (Coventry Township)	S.Turkeyfoot Rd.	S. Main St.
	State Street (Coventry Township)	SR 93	New Franklin Corp Line
	Warner Road (Coventry Township)	Arlington Rd.	La Force
	Wheatley Road (Richfield Township)	I-77 North on/off Ramp	East to Revere Rd.
	Brookwall Road (Copley Township)	Springside Dr.	Cleveland-Massillon Rd.
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City of Akron	Arlington Road	Cole Ave.	Jenkins Blvd
	Arlington Road	Jenkins Blvd.	Waterloo Rd.
Bath Township	Oak Knoll Drive	From Yellow Creek	Sugar Knoll Dr
	Sugar Knoll Drive	From cul-de-sac	to cul-de-sac
	Olentangy Drive	From concrete	east to N. Revere
	St. Francis Street	From N. Revere Rd.	cul-de-sac
	Holliston Road	From #468	St. Francis
	St. Vincent Drive	From St. Francis St.	cul-de-sac
	Berkshire Circle	From Bath Hills Blvd	cul-de-sac
	Greenhaven Drive	From Bath Hills Blvd	Haskell Dr.
	Greenhaven Circle	From Greenhaven Dr.	cul-de-sac
	Bath Hills Boulevard	From Foxwood Dr.	Olentangy Dr.
	Pebble Beach Drive	From San Moritz Dr.	Olentangy Dr.
	Rock Ridge Lane	From N. Hametown Rd	Fox Hollow Ln
	Great Run Lane	From Rock Ridge Ln.	cul-de-sac
	Fox Hollow Lane	From cul-de-sac	dead end
	Rock Creek	From cul-de-sac	cul-de-sac
Bridle Trail	From N. Hametown Rd.	Rock Creek	

	Solar Circle	From Four Seasons Dr.	cul-de-sac
	Four Seasons Drive	From Shade Rd.	cul-de-sac
	Chuckery Lane	Bridge Trail	cul-de-sac
	High Ridge Trail	Chuckery Ln.	cul-de-sac
	Rock Creek South	Ira Rd.	cul-de-sac
	Meadow Vale Drive	Ira Rd.	Firestone Trace
	Firestone Trace	Ira Rd.	cul-de-sac
Springfield	Ewart Road	Old Home	Albrecht
	Old Home Road	SR 91	Ewart
Twinsburg	Adam Run	Twinsburg Corp. Limit	Evans Way
	Alexa Court	W. End (Cul-de Sac)	Sasha Ct.
	Angela Drive	Alexa Ct.	Adam Run
	Anthony Lane	fTwinsburg Corp. Limit	E. Dead End
	Bavaria Road	Macedonia Corp. Limit	Enterprise Pkwy
	Boyle Parkway	Enterprise Pkwy.	Highland Rd.
	Bradford Park	Waynesboro.	N. End Round
	Buchtel Street	Harvard	Hadden
	Case Street	Harvard	Yale
	Curry Lane	W End (Cul-de-Sac)	Trisch
	Darien Lane	Evans Way	Twinsburg Corp. Limit
	Enterprise Parkway	W. Dead End	Twinsburg Corp. Limit
	Estate Avenue	SE End (Cul-de-Sac)	Marwell Blvd.
	Eton Street	Harvard.	Hadden
	Evans Way	Adam Run	Liberty
	Hadden Road	Highland	Twinsburg Corp. Limit
	Harvard Road	Case	Eton
	Jane's Court	Oak Meadow	E. End Round
	Katz Road	W. Dead End	Lynne
	Lynne Drive	Twinsburg	Curry
	McCausland Drive	SE End (Cul-de-Sac)	N. End Round
	Myrna Avenue	Marwell	Twinsburg
	Oak Meadow Drive	S. End Round	Twinsburg Rd.
	Pam Court	S. End (Cul-de-Sac)	Evans Way
	Park Ridge Avenue	Ridgetop	E. End (Cul-de-Sac)
	Pine Trails	Stow	Spruce
	Pine Trails Circle	Pine Trail to	Spruce
	Ridgetop Drive	Twinsburg to	N. End (Cul-de-Sac)
	Rugby Street	Havard to	E. Dead End.
	Sara Fletcher Court	S. End Round to	Estate
	Sasha Court	S. End (Cul-de-Sac) to	Angela Dr.
	Spruce Lane	Pine Trail to	Ravenna
	St. Mikala Court	Adam Run to	E. End (Cul-de-Sac)
	Trisch Circle	Curry to	Curry
	Waynesboro Drive	Twinsburg to	McCausland
	Wildel Drive	Twinsburg to	Trisch Cir.
	Woodland Glade Drive	Darrow to	E End Round
	Yale Street	Case to	Eton
	Z Robertson Park Trail	Trail loop	

Crack Sealing is used to close small cracks in hot mix asphalt roads. This prevents water from entering the pavement and causing pot holes or damaging the road base.

The award for this year's contract went to P.S. Construction Fabrics. This project involves the County Engineer, the City of Akron, and Bath, Springfield, and Twinsburg Townships.

The value of this year's contract is \$151,141.24. The work will be performed in September, and October.

2012 Spot Paving

Owner	Road	From	To
Summit County Engineer	Bath Road (Bath)	Shade	Cuyahoga Falls Corp Line
	Boyden Road (Sagamore Hills Township)	Highland Rd	SR 82
	Sourek Road (Bath Township)	Revere Rd	Ghent Rd
	Everett Rd. Bridge deck (Boston Township)	over Riding Run	
	Graybill Rd. Bridge deck (City of Green)	over Heckman Ditch	
	Reimer Rd. bridge deck (City of Norton)	over Van Hying	

The Spot Paving Program addresses pavement deterioration that is more extensive than a pothole but still does not require complete resurfacing. Additionally, this contract is used to resurface bridge decks.

Perrin Asphalt Co. is the contractor for this year's Spot Paving Program.

The value of this year's contract is \$143,760.00 and will be performed in August, and September.

2012 Summit County Pavement Marking Program

The Pavement Marking Program involves applying new centerline and edge lines to roads as required.

J.D. Striping is the contractor for this year's Pavement Marking Program. This contract includes the Summit County Engineer's Office, New Franklin, and Copley, Sagamore Hills, and Twinsburg Townships.

The value of this year's contract is \$171,842.15 and will be performed in September and October.

Van Buren Road Bridge Replacement

This project removes and replaces the Van Buren Road Bridge over Tuscarawas River located on the border of Barberton and New Franklin. The existing bridge has reached the end of its useful life.

Kenmore Construction is the contractor for this project.

The value of this contract is \$968,743.00 and the work is underway and will last through November of this year. 56% of the cost of the project is federally funded and the remaining 44% funded by local funds.

The bridge will be closed for approximately 180 days and traffic is detoured.

Cleveland-Massillon Road Bridge Replacement

This project removes and replaces the Cleveland-Massillon Road Bridge over Hudson Run located in Barberton. The existing bridge is nearing the end of its useful life.

The project will be bid in June,

The estimated value of this contract is \$928,458.73. 80% of the cost of the project is federally funded and the remaining 20% funded by local funds.

The bridge will be closed for approximately 90 days and traffic will be detoured.

2012 SCE Culvert Replacement Program

This project is in the final stages of design by in-house staff. The following culverts are under consideration for replacement this year:

- Culvert under Cottage Grove Road between Klinger and Cope in Coventry Township
- Culvert under Boyden Road just north of Barton Road in Sagamore Hills Township

The value of this work is estimated to be \$55,000.00 and the work should be performed in October and November.

Canton Road Traffic Signal at Springfield Lake Drive (Village of Lakemore/Springfield Township)

A new traffic signal will be installed.

The Project will bid in June.

The Engineer's Estimate of this contract is \$134,560.00. The project is funded 86% by federal funds and 14% by local funds.

The work will be performed in August and September.

(NOTE: Unless otherwise stated, traffic will be maintained and 100% local funds (SCE/Townships/Cities) will be used for each project listed above.)

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