Introduced by \_\_\_\_\_

 First Reading \_\_\_\_\_

 Second Reading \_\_\_\_\_

 Ordinance No. \_\_\_\_\_

 Council Bill No. \_\_\_\_\_

# **AN ORDINANCE**

determining it is in the public interest to construct the Scott Boulevard Phase 2 Street Improvement Project, from Brookview Terrace to Vawter School Road; approving and adopting plans and specifications; determining that the work shall be done by contract; calling for bids through the Purchasing Division; providing for payment for the improvement; authorizing the City Manager to obtain, execute and record all documents necessary for the improvement; providing for compliance with the prevailing wage law and state-mandated construction safety training; and fixing the time when this ordinance shall become effective.

WHEREAS, the City Council adopted a resolution declaring the necessity of constructing the Scott Boulevard Phase 2 Street Improvement Project, from Brookview Terrace to Vawter School Road; and

WHEREAS, the notice of a public hearing on this project was published in a daily newspaper of general circulation in the city; and

WHEREAS, the City Council has held a public hearing on construction of the improvement.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF COLUMBIA, MISSOURI, AS FOLLOWS:

SECTION 1. The Council finds that the construction of street pavement, a bridge, a roundabout, sidewalks, storm drain inlets and pipes and other miscellaneous work, all in accordance with the City of Columbia Street and Storm Sewer Specifications and Standards, on Scott Boulevard (Phase 2) from Brookview Terrace to Vawter School Road, in the City of Columbia, Missouri, is necessary for the welfare and improvement of the city and that it is in the public interest that such improvements be made.

SECTION 2. The plans and specifications for this improvement, as prepared by the Director of Public Works, are hereby approved and made a part of this ordinance by reference.

SECTION 3. The construction of the improvement shall be done by contract in accordance with the plans and specifications, the laws of the State of Missouri, and the Charter and Ordinances of the City of Columbia, Missouri.

SECTION 4. The Purchasing Agent is hereby authorized to call for bids and execute a contract for the improvement.

SECTION 5. Payment for this improvement shall be made from Capital Improvement Sales Tax Funds, Boone County Road Rebate Tax Funds, Capital Fund Balance, Development Fees, and such other funds as may be lawfully appropriated.

SECTION 6. The City Manager is authorized to obtain, execute and have recorded all licenses, easements, deeds and any other conveyances or instruments necessary for the City to complete this improvement.

SECTION 7. The contract for the improvement shall provide that not less than the prevailing hourly rate of wages, as found by the Department of Labor and Industrial Relations of Missouri, shall be paid to all workers performing work under the contract. The contractor's bond shall guarantee the faithful performance of the prevailing hourly wage clause in the contract.

SECTION 8. The bid specifications and contract for the improvement shall provide that the contractor and any subcontractor shall provide a ten-hour Occupational Safety and Health Administration construction safety program (or a similar program approved by the Missouri Department of Labor and Industrial Relations) for all employees working on-site. All employees working on the site of the improvement are required to complete the safety program within 60 days of beginning work on the improvement project.

SECTION 9. This ordinance shall be in full force and effect from and after its passage.

PASSED this \_\_\_\_\_\_ day of \_\_\_\_\_\_, 2013.

ATTEST:

City Clerk

Mayor and Presiding Officer

APPROVED AS TO FORM:

City Counselor

Agenda Item No:



Source: Public Works

**To: City Council** From: City Manager and Staf Jan 22, 2013 Council Meeting Date:

Re: Scott Boulevard Phase 2 (Brookview Terrace to Vawter School Road) Bid Call and Easement Acquisition

### EXECUTIVE SUMMARY:

Staff has prepared for Council consideration two ordinances; one authorizing the acquisition of necessary easements, and the other calling for bids through the Purchasing Department, for the construction of Scott Boulevard Phase 2, from Brookview Terrace to Vawter School Road. The project includes construction of street pavement, a bridge, a roundabout, sidewalks, storm drain inlets and pipes, and other miscellaneous work, as shown on the attached location map (Exhibit 1). The current cost estimate for this project is approximately \$5.8 million. This project has been identified for construction in 2013. A public hearing was held on April 20, 2009. Staff has recently contacted all property owners from whom easements are required informing them of these ordinances, and a contact log is attached.

### DISCUSSION:

Eleven (11) permanent street easements, five (5) permanent drainage easements, and fourteen (14) temporary construction easements are needed from eight (8) separate property owners for the construction of the Scott Boulevard Phase 2 project. Plan View diagrams (Exhibits 2A & 2B) are attached showing proposed easements, grading limits and project features.

The project includes the reconstruction of street pavement, sidewalks, storm drainage and utilities along Scott Boulevard. The existing bridge over Hinkson Creek will be replaced with a new bridge, and a roundabout will be constructed at the intersection of Scott Boulevard and Vawter School Road. Brushwood Lake Road will be re-aligned and will intersect Scott Boulevard at this roundabout. North of Bellview Drive, the existing Scott Boulevard pavement will remain in place; only sidewalks and a few driveways will be constructed. It also includes stormwater Best Management Practices (BMPs) to reduce the quantity and improve the quality of stormwater runoff from the roadway and the bridge. BMPs, under design for this project, include planting of native vegetation on the side slopes, and two stormwater quality cells. Additional easements for these BMPs are included to ensure proper maintenance and long-term effectiveness of the BMPs. The BMPs are shown on the attached Plan View diagrams.

#### FISCAL IMPACT:

The current cost estimate for this project is approximately \$5.8 million. Funding sources include County Road Tax Rebate Funds, Capital Improvement Sales Tax, Capital Fund Balance, and Development Fees. No additional funds will need to be appropriated to this project.

### VISION IMPACT:

### http://www.gocolumbiamo.com/Council/Meetings/visionimpact.php

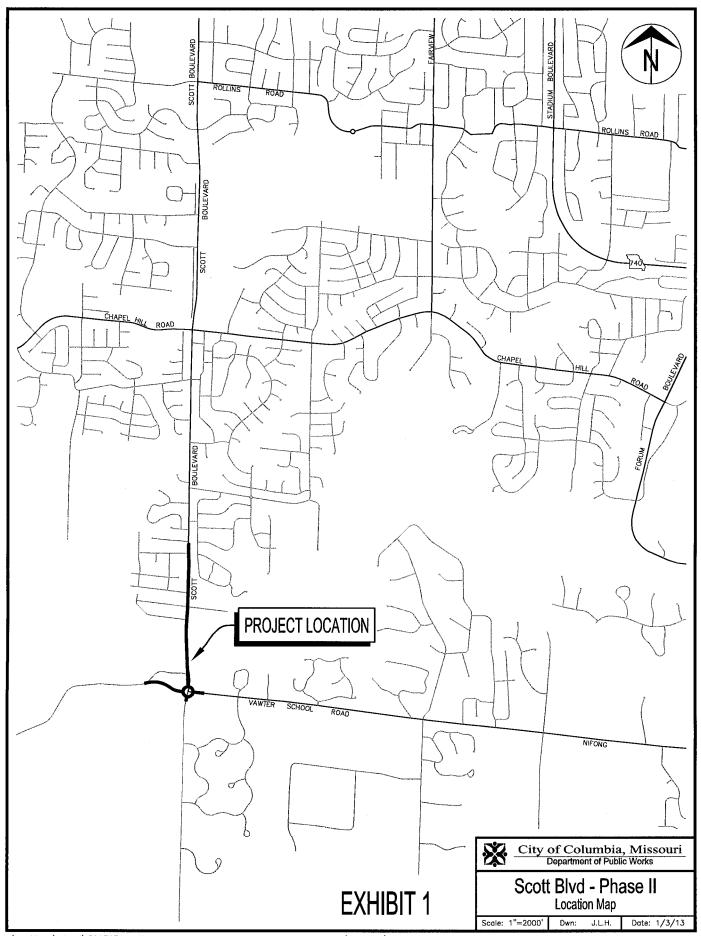
A network of safe roadways in and around the City will provide sustainable, efficient mobility to vehicular travel and other modes in a complimentary manner.

Maximize the capacity of existing roadway systems by having the City and County adopt and implement programs for traffic signal optimization, intersection improvements, turn lanes, effective access management, and etc.

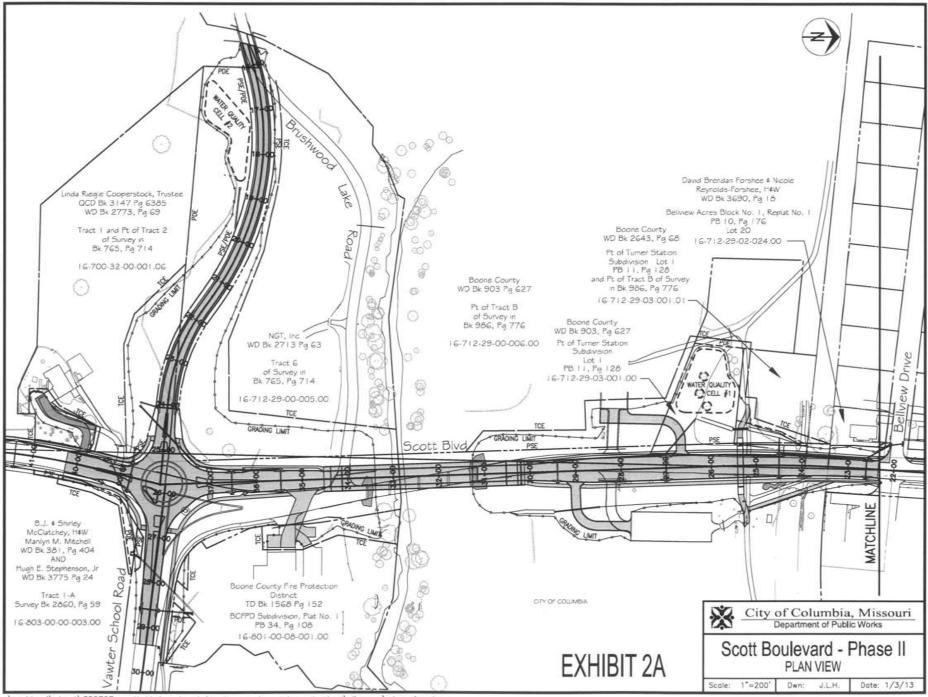
### SUGGESTED COUNCIL ACTIONS:

Approval of the easement acquisition and bid call ordinances.

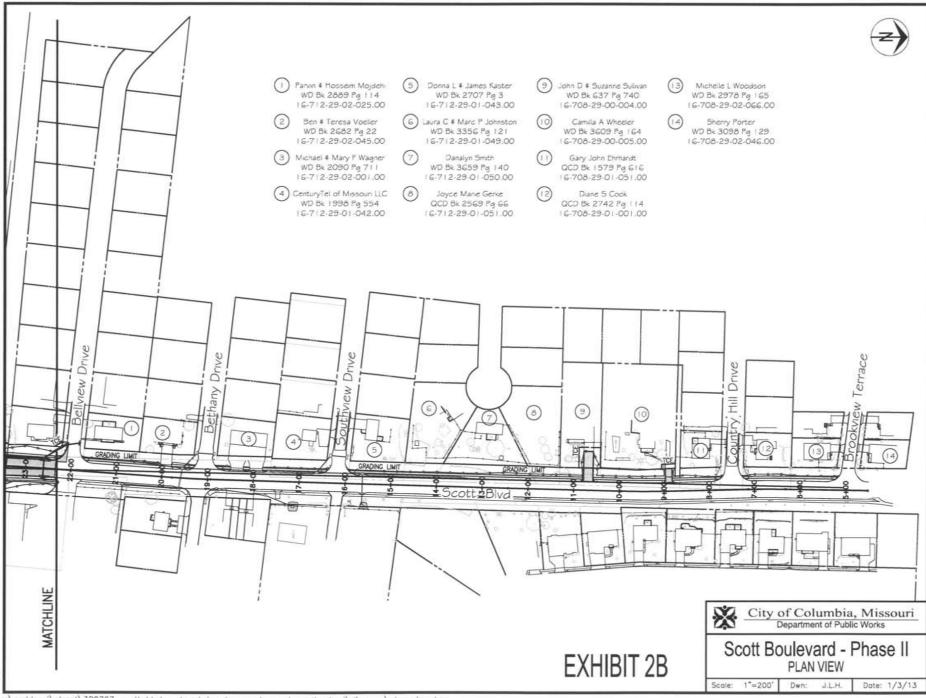
	4	FISCAL and \	ISION NOTE:	S:		
<b>City Fiscal Impact</b> Enter all that apply		Program Imp	act	Mandates		
City's current net FY cost	\$566,418.00	New Program/ Agency?	No	Federal or State mandated?	No	
Amount of funds already appropriated	\$5,918,781.00			Vision Implementation	n impact	
Amount of budget amendment needed	\$0.00	Fiscal Impact on any local political subdivision?	No	Enter all that apply: Refer to Web site		
Estimated 2 year net costs:		Resources Rec	luired	Vision Impact?	Yes	
One Time	\$0.00	Requires add'I FTE Personnel?	No	Primary Vision, Strategy and/or Goal Item #	#13	
Operating/ Ongoing	\$0.00	Requires add'I facilities?	No	Secondary Vision, Strategy and/or Goal Item #	#13.3/13.3.4	
		Requires add'l capital equipment?	No	Fiscal year implementation Task #	FY 2013	



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PROPERTY OWNER CONTACT LOG Project: Scott Boulevard Phase 2 By: Jennifer Hudson			12/2/08 OF I.P.	ATTNDED 12/2/08 I.P. MEETING	NOTIFIED 3/20/09 OF P.H.	SPOKE WITH ON PHONE OR LEFT MESSAGE	NOTES
PARCEL NO./ADDRESS	OWNER NAME	OWNER ADDRESS	MEETING				
Parcel 16-708-29-00-005.00 3407 SCOTT BLVD	Camilla A. Wheeler and Roy L. & Bonnie E. Wheeler	503 E NIFONG STE 321 COLUMBIA , MO 65201	x		x	12/26/12 -Talked with Roy	12/26/12 - talked with Roy, they plan on installing a new tence and gate for the driveway sometime in spring and would like to coordina location. He said it will be around the same location as the current chainlink fence. They would also like to widen the driveway. Asked there is to be a median or right in, right out, I told him the plans do n show a median there. Will be in Florida for 2-3 weeks around the 4 of February.
Parcel 16-708-29-00-004.00 3409 SCOTT BLVD	John D. & Suzanne C. Sullivan	3409 S SCOTT BLVD COLUMBIA, MO 65203	x		x	12/26/12	12/26/12 - Talked with John to let him know the ROW agent will be i touch to go over easements in February sometime. He requested that we send him a diagram before the agent contacts him, got his e mail and will send a diagram
Parcel 16-712-29-02-024.00 3655 W BELLVIEW DR	David Brendan Forshee & Nicole Reynolds-Forshee	758 HOLLY GLEN COURT COLUMBIA , MO 65203	x		x	12/26/12	12/26/12 -talked with Nicole, she had no questions and said it sound like a great project and thanks for the call
Parcel 16-712-29-03-001.01 16-712-29-03-001.00 16-712-29-00-006.00	Boone County	734 HESEMANN RIDGE CT BALLWIN, MO 63021	x		x	12/26/12	12/26/12 - left message with Natalie Meighan about the ROW ager contacting her in February and if she has any questions to call back
Parcel 16-712-29-00-005.00 S BRUSHWOOD LAKE RD	NGT, Inc Harvey Hoffman	28 N 8TH ST STE 517 COLUMBIA, MO 65201	x	X-Carl Smith	×	12/26/12	12/26/12 - talked with Harvey, he said he will wait to hear from the ROW agent in February
Parcel 16-700-32-00-001.06 4051 S SCOTT BLVD	Linda Riegle Cooperstock	4051 S SCOTT BLVD COLUMBIA,MO 65203	x		x	12/26/12 12/27/12	12/26/12 - left message 12/27-Talked with Linda, she said she liked that we notified her of th process and wondered when construction would start. She also wondered who would address the issue with the septic tank in the area of construction and wants to tie into city sewer. Asked the process of who appraises the property which I said I am not sure of how that process works.
Parcel 16-803-00-00-003.00 W VAWTER SCHOOL RD	B.J. & Shirley McClatchey, Marilyn M. Mitchell & Hugh E. Stephenson, Jr	5008 STEEPLECHASE DR COLUMBIA, MO 65203	x	X- McClatchey	x	12/26/12 - Left message with McClatchey and talked with Marilyn 1/2/13-Wendy e-mailed attorney for Stephenson	12/26/12 - Talked with Marilyn and she took notes of who will be in touch with her reguarding the easements. She also notified me that Hugh Stephenson has passed away.
Parcel 16-801-00-08-001.00 3900 S SCOTT BLVD	Boone County Fire Protection District		x		х	12/26/12	12/26/12 -Talked with Martina and she said that the best person to contact would be Scott Olson the fire chief, said she would pass along the information that the ROW agent will be in touch with then in February.

Introduced by Hindman

Council Bill No. R 52-09

## A RESOLUTION

declaring the necessity for construction of street improvements to Scott Boulevard (Phase 2) from Brookview Terrace to Vawter School Road and Scott Boulevard (Phase 3) from Vawter School Road to State Route KK; stating the nature of and the estimate of the cost of the improvement; providing for payment for the improvement; providing for compliance with the prevailing wage law; and setting a public hearing.

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF COLUMBIA, MISSOURI, AS FOLLOWS:

SECTION 1. The City Council deems the construction of street pavement, two bridges, a roundabout, sidewalks, storm drain inlets and pipes and other miscellaneous work, all in accordance with the City of Columbia Street and Storm Sewer Specifications and Standards, on Scott Boulevard (Phase 2) from Brookview Terrace to Vawter School Road and Scott Boulevard (Phase 3) from Vawter School Road to State Route KK, necessary to the welfare and improvement of the City.

SECTION 2. The nature and scope of the improvement shall consist of furnishing all labor, materials, transportation, insurance and all other items, accessories and incidentals thereto necessary for the complete construction of the improvements.

SECTION 3. The estimated cost of the Scott Boulevard Phase 2 improvement is \$4,500,000.00 and the estimated cost of the Scott Boulevard Phase 3 improvement is \$8,600,000.00.

SECTION 4. Payment for this improvement shall be made from Capital Improvements Sales Tax Funds, County Road Tax Rebate Funds and such other funds as may be lawfully appropriated.

SECTION 5. Any work done in connection with the construction of the improvement specified above shall be in compliance with the provisions of the prevailing wage laws of the State of Missouri.

SECTION 6. A public hearing in respect to this improvement will be held in the Council Chamber of the Daniel Boone Building, 701 E. Broadway, Columbia, Missouri, at 7:00 p.m. on April 20, 2009. The City Clerk shall cause notice of this hearing to be published in a newspaper published in the City.



Agenda Item No.

FISCAL NOTES:

C	ity Fiscal Impact			
	nter all that apply:			
\$1,275,000 City's current net FY cost.				
	Amount of Funds Already			
\$1,275,000	appropriated			
Uknown	Amount of budget			
until bid	amendment needed			
	Estimated 2 yr net costs:			
Unknown	One-time			
Unknown	Operating / On-going			
1	Program Impact:			
N	New program/ agency			
	(Y/N)			
Ν	Duplicates/expands an			
	existing program (Y/N)			
N	Fiscal impact on any local			
1 <b>N</b>	political subdivision (Y/N)			
Re	sources Required:			
N	Requires add'l FTE			
IN	personnel? (Y/N)			
Ν	Requires additional			
	facilities? (Y/N)			
N	Requires additional capital			
1N	equipment? (Y/N)			
	Mandates:			
N	Federal or state mandated?			
	(Y/N)			

City Council

TO:

FROM: City Manager and Staff

**DATE:** March 6, 2009

**RE:** Public Hearing- Scott Boulevard Phase 2 (Brookview Terrace to Vawter School Rd) and Scott Boulevard Phase 3 (Vawter School Rd to Rt KK)

# **EXECUTIVE SUMMARY:**

Staff has prepared for Council consideration a resolution setting a public hearing for April 20, 2009 concerning the improvement of Scott Boulevard Phase 2 from Brookview Terrace to Vawter School Road and Scott Boulevard Phase 3 from Vawter School Road to Route KK, as shown on attached Exhibit 1. These projects were identified in the 2005 ballot projects and have been prioritized by city council for construction in the 2011-2015 timeframe. The current concept cost estimates for Scott Phase 2 and 3 are \$4.5M and \$8.6M respectively. The identified funding sources for these projects are Capital Fund Balance and County Road Tax Rebate Funds. An interested parties meeting was held December 2, 2008 at Mill Creek Elementary School with approximately 15 people attending.

# **DISCUSSION - Scott Boulevard Phase 2**

The city has retained Burns and McDonnell Engineering Company Inc. to provide engineering design services for Scott Boulevard from Brookview Terrace to Vawter School Road. The length of this section is approximately 3,300 feet and is identified as a major arterial street on the Major Roadway Plan. The existing roadway from Brookview Terrace to the MKT Trail is an improved 38 ft pavement width and includes on-street bicycle lanes and a five ft sidewalk on the east side. This portion was improved in 2001 to correct a horizontal and vertical alignment problem which had a high crash history.

The existing roadway from the MKT trail southward to Vawter School Road is an unimproved two-lane section with no shoulders and with no accommodation for bicycles or sidewalks. This section includes the MKT trail underpass and the bridge over Hinkson Creek. The section of road between the MKT and the bridge currently is overtopped by water during certain heavy rain events.

As shown on the attached Exhibit 2, the proposed improvement for Scott Boulevard Phase 2 include four main elements: 1) Continuing the sidewalk and bicycle facilities on both the east and west sides of the road to connect the MKT trail with the sidewalks and bicycle facilities being constructed on Scott Boulevard Phase 1 from Rollins Road to Brookview Terrace; 2) Raising the roadway profile to reduce the frequency of roadway overtopping; 3) Reconstructing the bridge over Hinkson Creek to connect with the raised roadway profile and to provide sidewalks and bicycle lanes on the bridge, and 4) Reconstructing the intersection at Vawter School Road as a roundabout which includes realigning Brushwood Road to connect at the intersection.

All of these elements are being designed for an initial two-lane construction with future expandability to add additional capacity being studied and designed into the project to the maximum extent practicable. Traffic studies indicate the proposed two-lane facilities will accommodate the 20-year design traffic. Therefore, it is beyond the scope of this project, and not cost effective or justifiable, to provide grading for the possibility of future lanes due to the extensive impact this would cause to adjacent properties. At such time that additional lanes are needed, the additional grading and impact to properties will likely be more justified.

The proposal is to construct a sidewalk on the west side of the existing improved section of Scott Boulevard from Brookview Terrace to the MKT trail. The unimproved portion of Scott Boulevard between the MKT and the Bridge over Hinkson Creek is proposed to be reconstructed to a 38 ft pavement width with a five ft sidewalk on the west side and an eight ft sidewalk on the east side. The typical section for Scott Boulevard Phase 2 is shown on the attached Exhibit 3.

Several alignment options were studied that included options to use the existing bridge in place, however, the raised vertical roadway profile needed to reduce flooding rendered the existing structure un-useable. The horizontal location of the proposed road centerline has been situated to provide an improved horizontal alignment while minimizing impacts to existing utility facilities. The 36 inch water supply line is on the west side of Scott Boulevard. The existing bridge is situated in a location that makes it very difficult to construct the new bridge while leaving the existing bridge in service to handle traffic during construction. The recommended alignment requires the removal of the existing bridge prior to construction of the new bridge. This will require a full road closure during a portion of the construction phase. Staff has met with representatives of the City Fire Department and Boone County Fire Protection District to get input regarding the possible road closure during construction. Discussions have been ongoing between the departments regarding ways to address territory and emergency response issues resulting from the road closure. Both departments have expressed endorsement of the road closure during construction and have agreed to continue working toward an agreement. Street Right of Way, permanent utility easements and temporary grading easements will be required.

### **DISCUSSION - Scott Boulevard Phase 3**

Scott Boulevard from Vawter to Route KK is identified as a minor arterial street on the Major Roadway Plan. The length of this section is approximately 9,800 feet. The existing roadway within the project limits is comprised of an unimproved two-lane section with no shoulders and with no accommodation for bicycles. About 1,800 linear feet of concrete sidewalks have been built along the existing roadway by Copperstone and Thornbrook subdivisions. The roadway crosses Mill Creek and the project includes replacement of the existing bridge. The bridge will provide space alongside the creek for the future Mill Creek Trail and will include connections from the sidewalks on Scott Boulevard to the trail.

The proposed typical section for Scott Boulevard Phase 3, as shown on attached Exhibit 4, consists of two travel lanes with a center grassed median. The median will be replaced with a left turn lane at all public streets. The typical section provides a 12 foot center median, 12 foot vehicle lanes, two foot marked bicycle lane measured from the two foot gutter sections. This will allow using either portland cement concrete or asphalt cement concrete pavement types and still provide marked lanes for vehicles and bicycles. In the instance of a disabled vehicle, the 19 foot wide pavement provides adequate passing space. The recommended cross section also includes an eight foot sidewalk on the east side, setback 6.5 foot from the back of curb and a five foot sidewalk on the west side, setback 6.5 foot from the back of curb. The total Right of Way width required for the recommended typical section is 76 feet.

The proposed road centerline is situated to maximize use of the existing Right of Way while minimizing impacts to existing utility facilities and adjacent property. The preliminary layout is shown on the attached Exhibit 5.

The roadway portion of this project is being designed in-house, with the structural design of the bridge over Mill Creek to be designed by a bridge design consultant. Street Right of Way, permanent utility easements and temporary grading easements will be required.

## **INTERIM VAWTER SCHOOL INTERSECTION IMPROVEMENT**

Staff, along with engineers from Burns and McDonnell, have studied the existing intersection layout at the Scott-Vawter intersection to determine if there are interim improvements to the intersection that should be done as an addition to the Phase 1 construction project that is being bid at this time. As can be seen from the attached Exhibit 6, the existing geometric layout includes a westbound to northbound right turn lane which does not function well due to the large radius and flat angle of intersection with northbound Scott Boulevard. The existing function of the intersection can be improved by eliminating this right turn lane. It is proposed to reconfigure the intersection to function as a more conventional 3-way stop controlled intersection. Since the existing right turn lane pavement will be useful in handling construction phase traffic during construction of the final roundabout intersection, it will not be obliterated at this time however, delineators, signs, and pavement markings will be used to reconfigure the traffic pattern.

# **UTILITY COORDINATION**

The design of both Scott Boulevard Phase 2 and Scott Boulevard Phase 3 involve coordination with many utility companies. Utility coordination begins with initial survey and continues through final plan design. When Right of Way requirements are determined, utility needs will be included to allow Right of Way negotiation with adjacent owners to occur once for the entire project impact. Necessary utility improvements will be included at the time of roadway construction either by the respective utility company or included with the roadway contract.

## PUBLIC INVOLVEMENT

An interested parties meeting was held December 2, 2008 at Mill Creek Elementary School with approximately 15 people attending. A copy of this report will be provided to stakeholders and interested parties prior to this hearing.

# **FISCAL IMPACT:**

Scott Blvd Phase 2 project - \$520,000 has been appropriated to this project with an additional \$2,040,000 to be appropriated from development fees in 2011-2013.

Scott Blvd Phase 3 project - \$755,000 has been appropriated to this project with an additional \$5,100,000 to be appropriated from the Capital Fund Balance and County Road Tax Rebate funds 2011-2013.

## SUGGESTED COUNCIL ACTION

Following Council discussion and public input, Council should make a motion directing the staff to proceed with plans and specifications for the projects.