

2009 Council Sidewalk Committee Report

2009 Council Sidewalk Committee Report

Table of Contents

- **Narrative**
- **Committee Recommendation Sheet**
- **Estimates and Maps for Six Recommended Projects**
- **List of Considered Projects**
- **Ratings for Almost All of the Considered Projects**
- **History of Funding**
- ***Note: Memoranda for meetings are [online](#) and are available in the Council Office***

Report of the Common Council Sidewalk Committee

January 21, 2009

Committee Members and Staff

The members of the 2009 Committee were appointed by the President of the Council in 2008 and included:

- Chris Sturbaum, District 1 (Chair)
- Isabel Piedmont-Smith, District 5
- Dave Rollo, District 4
- Brad Wisler, District 2

The committee members were assisted by the following persons:

Council Office

Dan Sherman, Council Administrator/Attorney

Stacy Jane Rhoads, Assistant Administrator/Researcher

Public Works

Susie Johnson, Director

Justin Wykoff, Manager of Engineering Services

Planning

Scott Robinson, Long Range / Transportation Manager

Joe Fish, Transportation Planner

HAND

Bob Woolford, Housing Coordinator

Parks and Recreation

Steve Cotter, Natural Resources Manager

Utilities

Jane Fleig, Assistant Engineer

Task, Schedule, and Records of Meetings

The Committee makes recommendations to the entire Council on use of certain appropriations for 2009 and met six times from October to December 2008 to complete its work. Those appropriations include \$225,000 from the Alternative Transportation Fund (ATF), which is funded primarily by surplus revenues from the Neighborhood Parking Program (BMC 15.37.160), and a City of Bloomington Utilities set aside of \$125,000 for the stormwater component of Committee projects. Please note that both of these appropriations increased by \$25,000 in 2007.

The following outline provides a brief overview of what the Committee did at those meetings. *Please note that the Memoranda for these meetings are online under the [Council Sidewalk Committee](#) and are also available in the Council Office.*

October 13, 2008 at 4:30 p.m. in the McCloskey Room

- Elected a Chairperson (Chris Sturbaum);
- Requested that the Council Office make a record of the meetings;
- Approved the Memorandum from January, 28 2008 Debriefing Meeting;
- Reviewed money available in the Alternative Transportation Fund for 2009, acknowledged that there was \$225,000 appropriated for 2009, and set aside \$20,000 for traffic-calming (which should include projects in Diamond Gardens and West 7th Street);
- Acknowledged that \$125,000 has been appropriated in the City Utilities Department for the storm water component of Council sidewalk projects and that \$26,186 carried over from previous years;
- Heard a status report on last year's recommendations by Justin Wykoff which is summarized below:
 - **East 5th Street from Hillsdale to the dead-end just west of SR 45/46 (south side) – Completed.** This project was the first leg in a sidewalk corridor to run west to Union Street. It was completed with the help of both the CBU set aside and a separate CBU storm water capital project. The contractor costs amounted to \$369,000, but the CBU costs had not yet been determined. The Committee discussed whether the bicycle and pedestrian connections via the proposed 7th Street tunnel under SR 45/46 might be a higher priority in future years over continuing sidewalks along 5th to Union Street.
 - **Marilyn from Nancy to High Street (south side) – Not Completed.** This project was one of the two last remaining links in a bicycle and pedestrian corridor connecting Bryan Park on the west with Covenanter Drive on the east. The Committee previously understood that the Greenways appropriation would pay for this project along with the CBU set aside for the storm water costs. However, this project received a much lower priority under the amended Greenways Plan. Wykoff suggested using federal reimbursement from the 17th and Fee Lane improvements to fund this project. The total cost should be about \$189,000.
 - **East 2nd Street from Woodscrest east for one parcel (north side) – Expanded Scope – Completed.** This small project

completed a missing link on the north side of the street. It was expanded to include construction of ramps at the northwest and southwest corners of this intersection. This added another \$38,000 to this \$34,300 project.

- **Henderson from Allen to Hillside (west side) – To be Completed with Other Funds.** This project will serve Templeton School, is being funded from a variety of sources, and should be completed this year. Last year the Committee recommended spending \$3,667 along with any remaining funds for the design of this project. About \$20,000 was misapplied for this project rather than one further south on Henderson (see next item) and the Committee heard that the funds could be recouped in 2009.
- **Henderson from Moody to Thorton (east side) – Not Completed.** This project was requested by the MCCSC, a resident and Planning last year, but was not begun because of a lack of funding. The estimated cost is about \$72,735, which would be allocated between the ATF and CBU. Woolford in the HAND department offered to help with material costs.
- **High Street across from Childs School (west side) - Completed.** This small school-related project was completed this year for about \$22,362.
- **West 17th from Lindberg to Arlington (south side) - Completed.** This project complemented a new development and included donations of right-of-way and contributions from a developer, which brought costs down to about \$39,000 plus and additional \$7,000 for storm water.

(Please note that the Parks and Recreation, HAND, and Planning departments provided documents describing recent sidewalk projects which were included in Appendix 6 of the Council Sidewalk Packet for this meeting. This packet is available online and is also available in the Council Office.)

October 27 (McCloskey) and November 17, 2008 (Chambers) at 4:30 p.m.

- Reviewed the Committee's criteria for funding projects which include: 1) safety considerations, 2) roadway classification, 3) pedestrian usage, 4) proximity to points of destination, 5) linkages, and 6) costs/feasibility;
- Heard from Scott Robinson and Joe Fish in the Planning Department who, as a result of last year's Debriefing Meeting, found two

objective factors which roughly corresponded to four of the six criteria:

- The first factor was Pedestrian Level of Service (PLOS), which measured the qualitative experience of walking along the designated route and was aligned with safety considerations and roadway classification; and
- The Second factor was a Walkscore, which measured distance from walkable destinations (and was taken from walkscore.com) and which roughly aligned with pedestrian usage and proximity to destinations;

Please note that these factors were applied to: 1) existing conditions (i.e. route without a sidewalk); 2) a sidewalk without a tree plot (monolithic); and 3) a sidewalk with a tree plot (separated).

- Recognized that these objective factors were a very good start at developing a uniform rating system to could be applied to each proposed sidewalk project, but noted that they did not account for density, transit routes, or employment centers (except when those centers offered walk-in service to customers) and did not address the last two criteria (i.e. linkages and cost/feasibility);
- Reviewed the ten highest rated projects on the Committee's backlog of 32 projects;
- Reviewed new requests from Committee members;
- Reviewed requests for sidewalks from citizens in the Miller Drive, McDoel Neighborhood, Highland Village, and Blue Ridge (forwarded by Councilmember Wisler) areas; and
- Forwarded nine projects to the Engineering Department for estimates.

Please note that all projects considered by the Committee appear on the List of Considered Project, which is included in this Report.

December 2 and 16, 2009 in the McCloskey Room at 4:30 p.m.

- Determined whether there were any conflicts of interest by Council members or staff (i.e. whether they owned property adjacent to a sidewalk project):
 - Council Administrator/Attorney declared that he lived at 1312 South Nancy Street which was on the route of a previously considered but unfunded project (which was not funded this year);
- Reviewed estimates for the nine projects requested at the previous meeting, which included:
 - 3rd Street from Roosevelt to Clark (north side) - \$140,359;
 - 3rd Street from Clark to Hillsdale (north side) - \$91, 204;

- Kinser Pike from 17th north to Blackwell Apartments (east side) - \$181,968 (with \$116,144 for purchase of right-of-way);
 - 17th Street from Madison to Woodburn (south side) - \$265,614;
 - Kinser Pike from SR 45/46 south to existing sidewalk (east side) (Alt #1 – with tree plot) - \$54,751;
 - Kinser Pike from SR 45/46 south to existing sidewalk (east side) (Alt #2 – 6' sidewalk without tree plot) - \$52,480 (with \$39,438 for purchase of right-of-way);
 - Moores Pike from Andrews Circle to Sare Road (south side) - \$227,839 (with \$81,396 for purchase of right-of-way) (Note: Resident Rick Harbaugh addressed the Committee on this project noting the lack of a safe way to cross Moores Pike);
 - South Madison Street from 3rd to High Speed Tire (east side) - \$54,230;
 - Maxwell Street from Highland to Sheridan (north side) - \$142,812; and
 - South Walnut Street from Hoosier to “Legends” (west side) - \$111,039 (with \$51,051 for purchase of right-of-way).
- Reviewed estimates for two projects carried over from 2008, which involved some funding issues and included:
 - Marilyn Drive from Nancy to High Street (south side) - \$189,564 - where the Committee expected Greenways to cover the project in 2008 and discussed whether a federal reimbursement of local matching funds could be used for this project (Note: Resident Kevin Kehoe requested a well-designed sidewalk with good drainage);
 - South Henderson from Moody to Thorton (east side) - \$99,319 – where the Committee heard that \$20,000 that was inadvertently misapplied to the Safe Routes to School project further north on Henderson could be recouped in 2009;
- Agreed to share individual recommendations and meet again later in December to make its recommendations.

December 30, 2009 at Noon in the McCloskey Room:

- Recommended the allocation of the 2009 ATF appropriation (*Please see the next section of the report and Table of Recommendations for further details*);
- Agreed to review the Sidewalk Report and have member's signature constitute approval of the *Report* and records;
- Agreed to submit the *Report* to the Council at the January 21, 2009 Regular Session; and

- Agreed to meet in late January after action on the Sidewalk Report to wrap up remaining business, hold a “debriefing” session to consider changes to the Committee processes for 2009, and recommend priorities for 2010.

Committee Recommendations:

1. **Alternative Transportation Fund** - Use the \$225,000 of Alternative Transportation Funds appropriated in 2009 for sidewalks and traffic-calming projects according to the following calculation:

\$225,000	Annual Appropriation
- \$20,000	Traffic Calming
\$205,000	Sidewalk Projects

2. **CBU Set Aside for Storm Water Component of Council Sidewalk Projects** - Authorize the Engineering Department to submit claims to the Utilities Service Board for the storm water component of sidewalk projects in an amount not to exceed the entire \$125,000 appropriated in 2009 appropriations as well as \$26,186.22 of unspent funds from 2008 for a total of \$151,186.22.

3. **Other Funds** – Respectfully request that the Mayor favorably consider:

- (a) appropriating approximately \$98,373.43 from federal reimbursement of matching funds for completion of the Marilyn Drive Project. (*Please see 4(a) below*)
- (b) offer from the Public Works Department to direct \$20,000 toward the Henderson - Thorton to Moody project to recoup what was mistakenly applied to the Henderson - Allen to Hillside Project. (*Please see 4(b) below*)
- (c) offer from Public Works Department to spend \$6,000 to purchase cement for the South Madison Street project. (*Please see 4 (e) below*)

4. **Fund the six sidewalk projects as elaborated below:**

- (a) **Construction – Marilyn from Nancy to High Street (South Side)**

<u>Street</u>	<u>Alternative Transportation</u>	<u>Stormwater Component</u>	<u>Total</u>
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	<u>Fund</u>	<u>(CBU)</u>	
Marilyn from Nancy to High Street (south side)		* \$91,564	* \$91,564

This is one of the last segments of a route on the Bicycle and Pedestrian Transportation and Greenways System (Greenways) Plan that would connect Bryan Park with sidewalks at High and Covenanter. Prior ATF funds were used to install sidewalks on Mitchell, Circle, Ruby and Nancy Street. Last year the Committee requested and expected that the Greenways monies would be used to cover the sidewalk and the CBU Set Aside would cover the storm water component of this project. However, an amendment to the Greenways Plan and other projects left this one unfunded in 2008. As noted above, the Committee recommended that the Council respectfully request that the Mayor consider appropriating \$98,937.45 of federal reimbursement of matching funds to complete this project. This sidewalk will include but no tree plot (given the lack of right-of-way).

* The total estimated cost of the project is \$189,937.45

ATF	CBU	Other Funds	Source of Other Funds and Total Cost of the Project
\$0			
	\$91,564	\$98,373.43	Request for appropriation of Federal reimbursement of matching funds from another Greenways Project

(b) Construction – Henderson from Moody to Thorton (east side)

<u>Street</u>	<u>Alternative Transportation Fund</u>	<u>Stormwater Component (CBU)</u>	<u>Total</u>
Henderson Street from Thorton to Moody (east side)	\$71,877.77	\$27,441.40	* \$99,319.17

This project was scheduled for funding in 2008. It was requested by the Planning Department, MCCSC, and a property owner and would complete the last segment of unfinished sidewalk on the east side of Henderson between Hillside and Miller Drive as well as much further north and south. This sidewalk will have a curb and tree plot.

* The HAND department may assist in funding some of this project.

(c) Construction – Kinser Pike from Marathon Station to SR 45/46 (west side)

<u>Street</u>	<u>Alternative Transportation Fund</u>	<u>Stormwater Component (CBU)</u>	<u>Total</u>
Kinser Pike from Marathon Station to SR 45/46 (west side)	\$40,280.74	\$14,470.40	\$54,751.14

This project would provide a safe pedestrian way for the residents of the many apartments along and near Kinser Pike south of SR 45/46 to walk to the Marsh grocery store on the north side. It will have a tree plot.

(d) Construction – Moores Pike from Woodruff to Existing Sidewalk (Also Known as Segment A) (south side)

<u>Street</u>	<u>Alternative Transportation Fund</u>	<u>Stormwater Component (CBU)</u>	<u>Total</u>
Construction – Moores Pike from Woodruff to Existing Sidewalk (Also Known as Segment A) (south side)	\$22,758	\$0	\$22,758

This project would extend an existing sidewalk to Woodruff and afford residents a better place to cross Moores Pike. It will be situated well off the roadway.

(e) Construction – Madison Street from Third Street to High Speed Tire (east side)

<u>Street</u>	<u>Alternative Transportation Fund</u>	<u>Stormwater Component (CBU)</u>	<u>Total</u>
Madison Street from Third Street to High Speed Tire (east side)	\$26,989	\$16,784	* \$43,773

This project had a very high ranking and will complement the B-Line trail. It will include a tree plot and curb.

* The total estimated cost of this project is \$49,773 with funds coming from the following sources:

ATF	\$26,989
CBU	\$16,784
Public Works	\$6,000 (to purchase concrete)

(f) Acquisition of Right-of-Way – Third Street from Roosevelt to Hillsdale (north side)

<u>Street</u>	<u>Alternative Transportation Fund</u>	<u>Stormwater Component (CBU)</u>	<u>Total</u>
Third Street from Roosevelt to Hillsdale (north side)	Up to \$50,000		* Up to \$50,000

The Committee recommends funding the acquisition of right-of-way for this major pedestrian corridor between the IU campus and the College Mall commercial area. This is part of a larger project that will extend to the SR 45/46 Bypass. The Engineering Department will prepare the designs and only after that work has been done will the specifications of the sidewalk be known. Please note that the Committee intends that up to \$50,000 of ATF monies be used for this purpose only if it isn't needed for the other projects in 2009.

* The total cost for completing this project will be in excess of \$230,000, take more than one year to complete, and be funded from sources that are not all identified at this point. Greenways, for example, will provide \$25,000 for survey work this year.

	<u>ATF (Sidewalk Projects)</u>	<u>CBU Sidewalk/Stormwater</u>
Total:	\$211,905.51/\$225,000 (including \$20,000 to recoup funds misapplied in 2008)	\$125,000/\$151,186.22 (including \$26,186.22 carryover from 2008)
Balance:	\$13,394.49	\$926.42

** Note: These allocations are based upon estimates; actual allocations may be higher or lower. The Committee recognizes that the Engineering Department may shift funds from one project to another in order to complete them and specifically authorizes excess funds to be allocated as noted above.*

2009 Council Sidewalk Committee Recommendations -- 16 December 2008

PROJECT	OBJECTIVE RANKING	COMMITTEE MEMBER RATING	TOTAL ESTIMATE	ESTIMATE FOR R-O-W	ESTIMATE		RECOMMENDATION		REQUEST
					ATF	CBU STORMWATER	ATF	CBU STORMWATER	OTHER FUNDS
					\$225000 (\$205,000 plus \$20,000 of Misapplied Funds)	\$151,186.22 (\$125,000 Plus \$26,186.22 Carry Over)	\$225000 (\$205,000 plus \$20,000 of Misapplied Funds)	\$151,186.22 (\$125,000 Plus \$26,186.22 Carry Over)	
2008 Projects									
Marilyn Drive (S) Nancy to High	22		\$189,937.45	\$11,000 (Clear ROW)	\$98,373.43	\$91,564.00		\$91,564.00	\$98,373.43 **
S. Henderson (E) Moody to Thorton	<i>Not Available</i>		\$99,319.17	\$0.00	\$71,877.77	\$27,441.40	\$71,877.77	\$27,441.40	
2009 Projects									
3rd Street (N) Roosevelt to Clark	1		\$140,359.14	\$49,028.00	\$140,359.14	\$0.00	Up to \$50,000 ****		
3rd Street (N) Clark to Hillsdale	1		\$91,204.93	\$12,852.00	\$91,204.93	\$0.00			
Kinser Pike (E) 17th to Blackwell Dev (with Tree Plot)	7		\$181,968.63	\$116,144.00	\$181,968.63	\$0.00			
17th Street (S) Madison to Woodlawn (Alt #1 - No Lane)	9		265614.86 *	157,080 *	232,598.31 *	33,016.55 *			
17th Street (S) Madison to Woodlawn (Alt #1 - Lane)	9		\$150,444.53	\$0.00	\$89,554.93	\$60,890.50			
Kinser Pike (W) Marathon to SR 45/46 Bypass (Alt #1 - Tree Plot)	17		\$54,751.14	\$0.00	\$40,280.74	\$14,470.40	\$40,280.74	\$14,470.40	

Moores Pike (S) Andrew's Circle to Sare Road (Wykoff will provide further break down into segments A, B & C)	14		\$227,839.98	\$81,396.00	\$194,162.98	\$33,677.00			
Moores Pike (S) Woodruff to Existing Sidewalk - Part A	14		\$22,758.00	\$0.00	\$22,758.00	\$0.00	\$22,758.00		
S. Madison (E) 3rd to Prospect (High Speed Recap)	2		\$49,773.00	\$0.00	\$26,989.00	\$16,784.00	\$26,989.00	16,784	\$6,000 ***
Maxwell Lane (N) Highland to Sheridan	15		\$142,812.89	\$0.00	\$95,575.84	\$47,237.05			
Walnut (W) Hoosier to Legends Bar and Grill	16		\$111,039.39	\$51,051.00	\$111,039.39	\$0.00			
Miller Drive (S) Huntington to Olive	26		\$119,911.99	21,200	119,911.99	\$0			
TOTALS							\$211,905.51	\$150,259.80	\$104,373.43

REMAINDER

13,394.49

\$926.42

* 2008 Estimates - w/out complete storm water costs

** Request for reallocation of INDOT reimbursed funds (to honor Greenways commitment for this project).

*** Public Works funds for concrete.

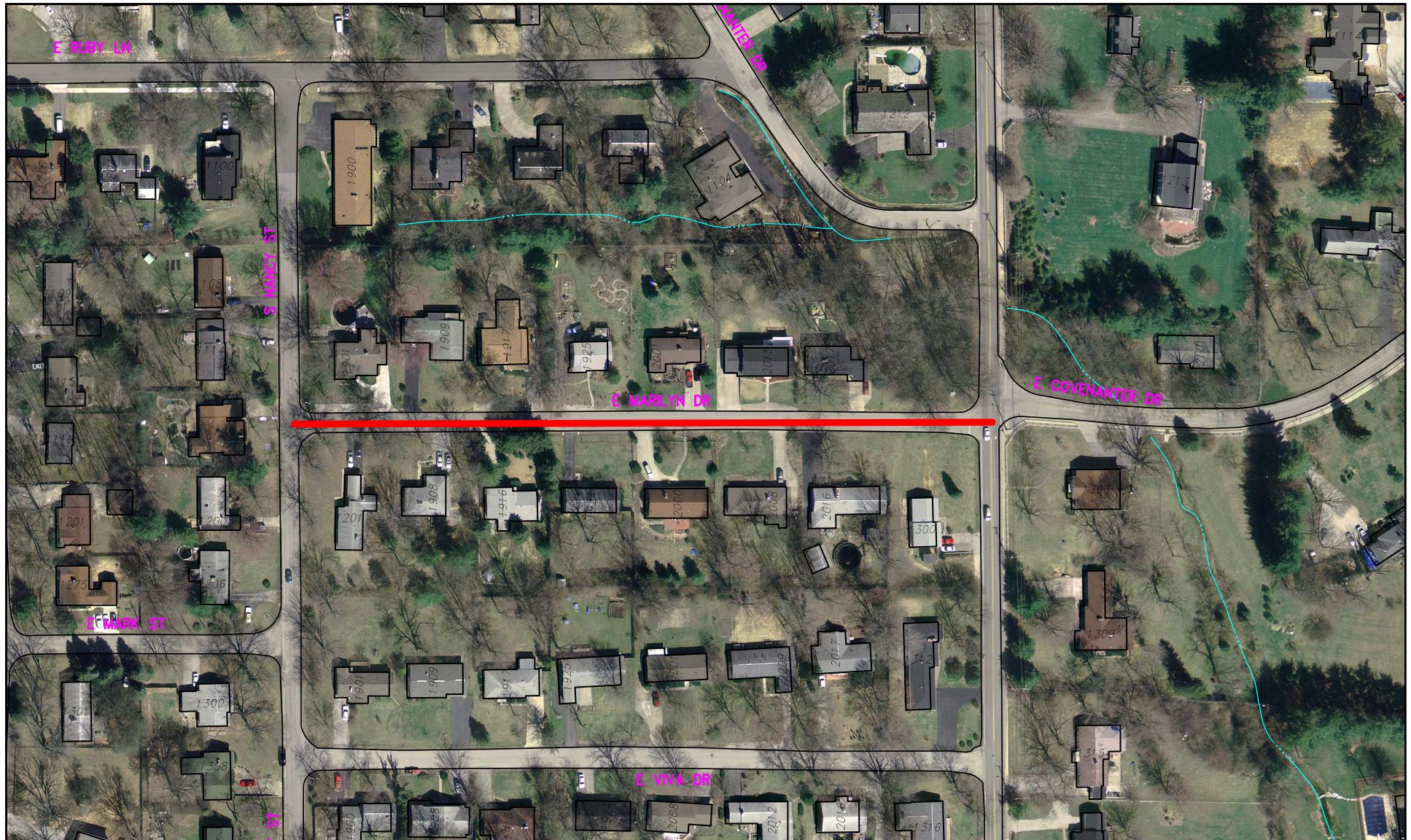
**** Up to \$50,000 of ATF monies remaining after other projects are funded may be used to acquire right-of-way for the East 3rd Street Project.

Marilyn Street Sidewalk
Engineer's Cost Estimate
BFA #400748
August 21, 2008

Description	UNIT	QUANTITY	UNIT PRICE	TOTAL
Walkway:				
Pavement Removal	SYD	360	\$10.00	\$3,600.00
6'-6" Monolithic Walk	LF	490	\$30.00	\$14,700.00
6'-6" Monolithic Walk @ Drives	LF	130	\$35.00	\$4,550.00
Bituminous Mixture for Approaches	TONS	10	\$85.00	\$850.00
Concrete Pavement for Drives	CYS	20	\$125.00	\$2,500.00
Curb Ramps, Concrete	EA	16	\$1,500.00	\$24,000.00
Bituminous Surface	TONS	32	\$65.00	\$2,080.00
Bituminous Base	TONS	64	\$60.00	\$3,840.00
Compacted Aggregate for Base # 53	TONS	165	\$15.00	\$2,475.00
Relocate Mailbox	EA	8	\$200.00	\$1,600.00
Sodding (all disturbed areas)	SY	384	\$4.50	\$1,728.00
<i>Subtotal</i>				\$61,923.00
Utilities:				
Storm Inlet J10	EA	5	\$1,800.00	\$9,000.00
Storm Inlet E	EA	1	\$2,100.00	\$2,100.00
Storm Manhole	EA	1	\$2,500.00	\$2,500.00
12" - Storm Sewer ADS N-12	LF	792	\$42.50	\$33,660.00
6'x3' Reinforced Concrete Box Culvert	LF	70	\$450.00	\$31,500.00
8" - Ductile Iron Pipe w/Sewper Coat	LF	56	\$80.00	\$4,480.00
<i>Subtotal</i>				\$83,240.00
Miscellaneous:				
Maintaining Traffic	LS	1	\$7,500.00	\$7,500.00
Clear Right-of-Way	LS	1	\$10,000.00	\$10,000.00
Erosion Control	LS	1	\$2,500.00	\$2,500.00
<i>Subtotal</i>				\$20,000.00

<i>TOTAL -</i>	\$165,163.00
<i>Mobilization / De-Mobilization -</i>	\$4,954.89
<i>Construction Engineering -</i>	\$3,303.26
<i>10% Contingency -</i>	\$16,516.30

Construction Cost - \$189,937.45



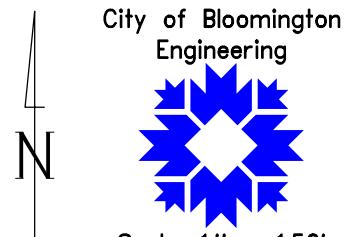
Marilyn Drive Sidewalk

By: wykoffj

16 Jan 09

150 0 150 300 450 600

For reference only; map information NOT warranted.



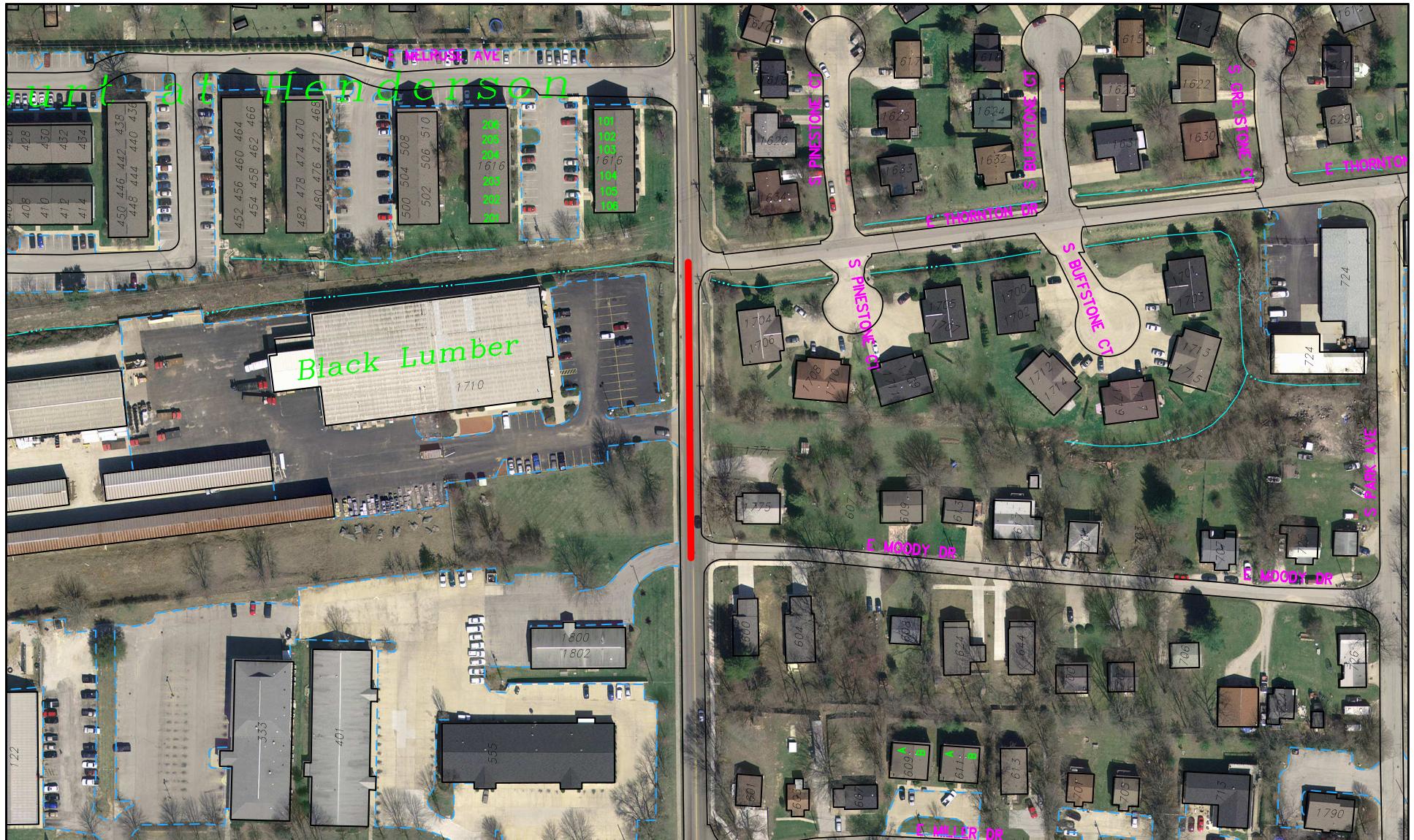
Scale: 1" = 150'

Engineer's Estimate

Henderson Street - Moody Drive to Thornton Lane

Item	Quantity	Unit	Unit Price	Total Price
Mobilization and Demobilization	1	EA	\$5,000.00 / EA	\$5,000.00
B Borrow for Structural Backfill	16	CYS	\$45.00 / CYS	\$720.00
Bituminous Base		Ton	\$56.00 / Ton	
Bituminous Material for Tack		Ton	\$115.00 / Ton	
Bituminous Overlay (2" x 12")		LF	\$15.50 / LF	
Bituminous Surface	80	Ton	\$62.00 / Ton	\$4,960.00
Bituminous Base		Ton	\$56.00 / Ton	
Bituminous Surface Milling		SYS	\$4.00 / SYS	
Plated Sidewalk Ramp (ADA Compliant)	3	EA	\$2,200.00 / EA	\$6,600.00
Casting, Adjust to Grade		EA	\$500.00 / EA	
Casting, Storm Inlet/Manhole	4	EA	\$1,800.00 / EA	\$7,200.00
Cement Concrete Pavement 7"	80	SYS	\$63.00 / SYS	\$5,040.00
Comp. Agg. No. 53	180	Ton	\$14.00 / Ton	\$2,520.00
Compacted Agg. for Base		Ton	\$19.25 / Ton	
Compacted Agg. for Shoulder		Ton	\$13.25 / Ton	
Concrete Curb and Gutter		LF	\$24.00 / LF	
Concrete Curb, Type B	350	LF	\$21.00 / LF	\$7,350.00
Construction Sign, Type A	6	EA	\$125.00 / EA	\$750.00
Excavation, Common	220	CYS	\$19.00 / CYS	\$4,180.00
Saw-Cut Pavement	400	LF	\$3.00 / LF	\$1,200.00
Tree/Vegetation Removal		EA	\$750.00 / EA	
Perforated Pipe, Plastic 6"		LF	\$7.00 / LF	
Retaining Wall - Decorative Block 4 Ft Tall	100	LF	\$65.00 / LF	\$6,500.00
Right of Way		SF	\$10.00 / SF	
Appraisal/Title Work	2	EA	\$2,800.00 / EA	\$5,600.00
Topsoil	80	Ton	\$18.00 / Ton	\$1,440.00
Sod		SYS	\$6.50 / SYS	
Roll Curb		LF	\$18.00 / LF	
Sidewalk, 5'	290	LF	\$26.50 / LF	\$7,685.00
Sidewalk, 6'		LF	\$31.00 / LF	
Stop Signs / Warning or Regulatory	1	EA	\$250.00 / EA	\$250.00
Storm Sewer, 12"	100	LF	\$41.00 / LF	\$4,100.00
Storm Sewer, 18"	240	LF	\$46.00 / LF	\$11,040.00
Storm Sewer, 24"		LF	\$51.00 / LF	
Storm Sewer, 36"		LF	\$56.00 / LF	
Street Signs*	2	EA	\$350.00 / EA	\$700.00
P - Cabinet*		EA	\$12,000.00 / EA	
30 Foot Strain Pole*		EA	\$4,600.00 / EA	
Camera Arm*		EA	\$1,500.00 / EA	
Signal Head (3 Section L.E.D.)*		EA	\$1,150.00 / EA	
Signal Head (5 Section L.E.D.)*		EA	\$1,914.00 / EA	
Pedestrian Signal L.E.D. Countdown*		EA	\$800.00 / EA	
Solo Pro Camera w/Junction Boxes*		EA	\$10,000.00 / EA	
Pedestrian Button Actuator*		EA	\$250.00 / EA	
Signal Service Connection*		EA	\$2,500.00 / EA	
Pavement Marking - 6" White*		LF	\$0.42 / LF	
Pavement Marking - Double Yellow*		LF	\$0.70 / LF	
Pavement Marking - Stop Bars*		LF	\$2.50 / LF	
Pavement Marking - Arrow Straight*		EA	\$225.00 / EA	
Pavement Marking - Arrow Turn*		EA	\$225.00 / EA	
Pavement Marking - Combination Arrow*		EA	\$275.00 / EA	
Street Trees (2-1/2" Caliper)		EA	\$275.00 / EA	
			Subtotal:	\$82,835.00
			Additional 10%:	\$8,283.50
			Design:	\$8,200.67
			Total Estimate:	\$99,319.17

*Direct Traffic Signal/Sign Installation Costs



Henderson Street Sidewalk

By: wykoffj

16 Jan 09

150 0 150 300 450 600

For reference only; map information NOT warranted.

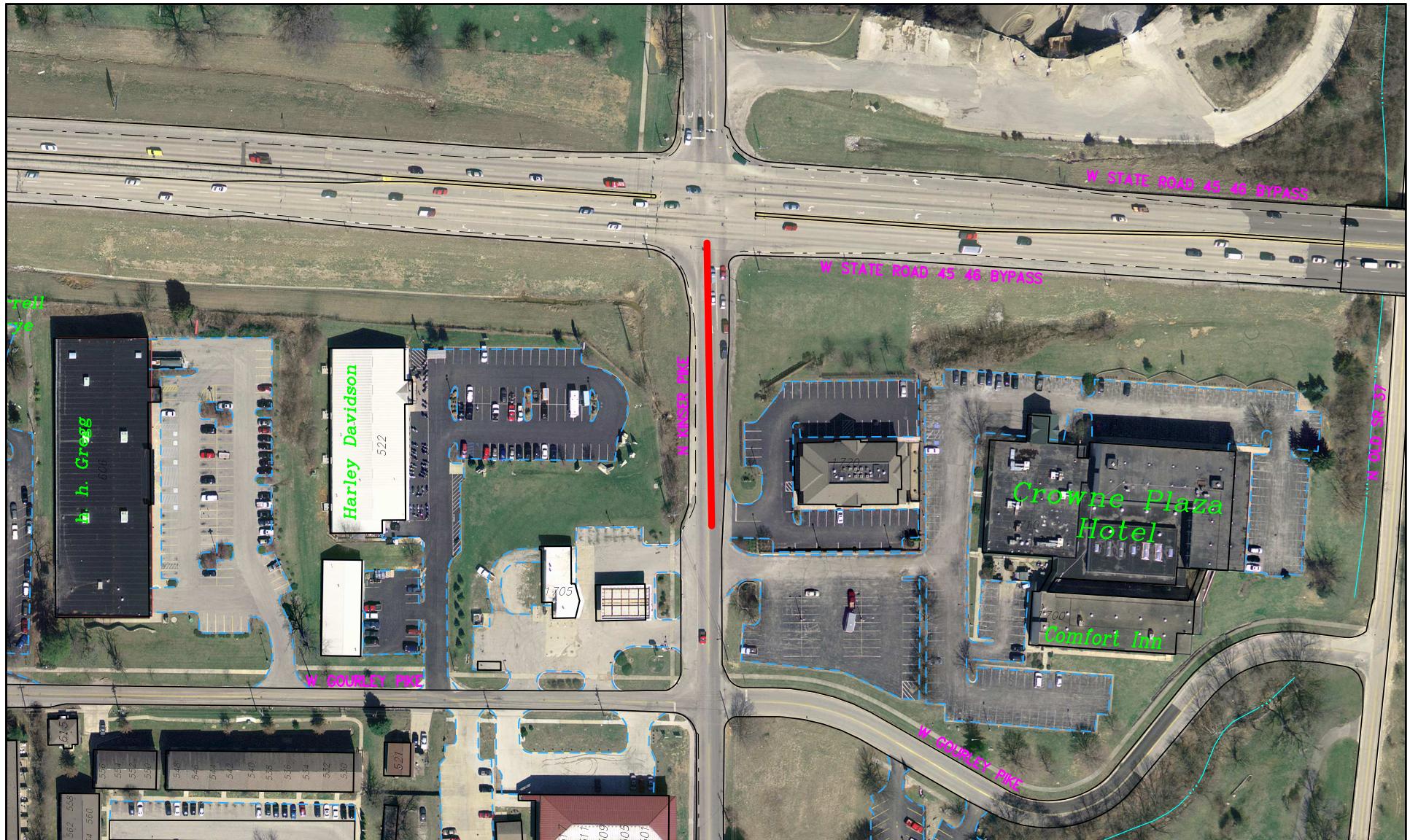
City of Bloomington
Engineering



Scale: 1" = 150'

Engineer's Estimate				
Kinser Pike - Marathon Station to SR 45/46 Bypass (No Tree Plot w/6' Walk)				
Item	Quantity	Unit	Unit Price	Total Price
Mobilization and Demobilization	1	EA	\$5,000.00 / EA	\$5,000.00
B Borrow for Structural Backfill	8	CYS	\$45.00 / CYS	\$360.00
Bituminous Base		Ton	\$56.00 / Ton	
Bituminous Material for Tack		Ton	\$115.00 / Ton	
Bituminous Overlay (2" x 12')		LF	\$15.50 / LF	
Bituminous Surface	60	Ton	\$62.00 / Ton	\$3,720.00
Bituminous Base		Ton	\$56.00 / Ton	
Bituminous Surface Milling		SYS	\$4.00 / SYS	
Plated Sidewalk Ramp (ADA Compliant)	2	EA	\$2,200.00 / EA	\$4,400.00
Casting, Adjust to Grade		EA	\$500.00 / EA	
Casting, Storm Inlet/Manhole	2	EA	\$1,800.00 / EA	\$3,600.00
Cement Concrete Pavement 7"		SYS	\$63.00 / SYS	
Comp. Agg. No. 53	260	Ton	\$14.00 / Ton	\$3,640.00
Compacted Agg. for Base		Ton	\$19.25 / Ton	
Compacted Agg. for Shoulder		Ton	\$13.25 / Ton	
Concrete Curb and Gutter		LF	\$24.00 / LF	
Concrete Curb, Type B	322	LF	\$21.00 / LF	\$6,762.00
Construction Sign, Type A		EA	\$125.00 / EA	
Excavation, Common		CYS	\$19.00 / CYS	
Saw-Cut Pavement		LF	\$3.00 / LF	
Tree/Vegetation Removal		EA	\$750.00 / EA	
Perforated Pipe, Plastic 6"		LF	\$7.00 / LF	
Retaining Wall - Decorative Block 4 Ft Tall		LF	\$65.00 / LF	
Right of Way		SF	\$10.00 / SF	
Appraisal/Title Work		EA	\$2,800.00 EA	
Topsoil		Ton	\$18.00 / Ton	
Sod		SYS	\$6.50 / SYS	
Roll Curb		LF	\$18.00 / LF	
Sidewalk, 5'		LF	\$26.50 / LF	
Sidewalk, 6'	322	LF	\$31.00 / LF	\$9,982.00
Stop Signs / Warning or Regulatory		EA	\$250.00 / EA	
Storm Sewer, 12"	200	LF	\$41.00 / LF	\$8,200.00
Storm Sewer, 18"		LF	\$46.00 / LF	
Storm Sewer, 24"		LF	\$51.00 / LF	
Storm Sewer, 36"		LF	\$56.00 / LF	
Street Signs*		EA	\$350.00 / EA	
P - Cabinet*		EA	\$12,000.00 / EA	
30 Foot Strain Pole*		EA	\$4,600.00 / EA	
Camera Arm*		EA	\$1,500.00 / EA	
Signal Head (3 Section L.E.D.)*		EA	\$1,150.00 / EA	
Signal Head (5 Section L.E.D.)*		EA	\$1,914.00 / EA	
Pedestrian Signal L.E.D. Countdown*		EA	\$800.00 / EA	
Solo Pro Camera w/Junction Boxes*		EA	\$10,000.00 / EA	
Pedestrian Button Actuator*		EA	\$250.00 EA	
Signal Service Connection*		EA	\$2,500.00 EA	
Pavement Marking - 6" White*		LF	\$0.42 LF	
Pavement Marking - Double Yellow*		LF	\$0.70 LF	
Pavement Marking - Stop Bars*		LF	\$2.50 LF	
Pavement Marking - Arrow Straight*		EA	\$225.00 EA	
Pavement Marking - Arrow Turn*		EA	\$225.00 EA	
Pavement Marking - Combination Arrow*		EA	\$275.00 EA	
Street Trees (2-1/2" Caliper)		EA	\$275.00 / EA	
				Subtotal: \$45,664.00
				Additional 10%: \$4,566.40
				Design: \$4,520.74
				Total Estimate: \$54,751.14

*Direct Traffic Signal/Sign Installation Costs



Kinsler Pike Sidewalk

By: wykoffj

16 Jan 09

150 0 150 300 450 600

For reference only; map information NOT warranted.



Scale: 1" = 150'

Engineer's Estimate				
Moores Pike - Andrew's Circle to Woodruff Lane (South Side)				
Item	Quantity	Unit	Unit Price	Total Price
Mobilization and Demobilization	1	EA	\$5,000.00 / EA	\$5,000.00
B Borrow for Structural Backfill		CYS	\$45.00 / CYS	
Bituminous Base		Ton	\$56.00 / Ton	
Bituminous Material for Tack		Ton	\$115.00 / Ton	
Bituminous Overlay (2" x 12')		LF	\$15.50 / LF	
Bituminous Surface	20	Ton	\$62.00 / Ton	\$1,240.00
Bituminous Base		Ton	\$56.00 / Ton	
Bituminous Surface Milling		SYS	\$4.00 / SYS	
Plated Sidewalk Ramp (ADA Compliant)	2	EA	\$2,200.00 / EA	\$4,400.00
Casting, Adjust to Grade		EA	\$500.00 / EA	
Casting, Storm Inlet/Manhole		EA	\$1,800.00 / EA	
Cement Concrete Pavement 7"		SYS	\$63.00 / SYS	
Comp. Agg. No. 53		Ton	\$14.00 / Ton	
Compacted Agg. for Base		Ton	\$19.25 / Ton	
Compacted Agg. for Shoulder		Ton	\$13.25 / Ton	
Concrete Curb and Gutter		LF	\$24.00 / LF	
Concrete Curb, Type B	60	LF	\$21.00 / LF	\$1,260.00
Construction Sign, Type A		EA	\$125.00 / EA	
Excavation, Common	100	CYS	\$19.00 / CYS	\$1,900.00
Saw-Cut Pavement		LF	\$3.00 / LF	
Tree/Vegetation Removal		EA	\$750.00 / EA	
Perforated Pipe, Plastic 6"		LF	\$7.00 / LF	
Retaining Wall - Decorative Block 4 Ft Tall		LF	\$65.00 / LF	
Right of Way		SF	\$10.00 / SF	
Appraisal/Title Work		EA	\$2,800.00 EA	
Topsoil		Ton	\$18.00 / Ton	
Sod	220	SYS	\$6.50 / SYS	\$1,430.00
Roll Curb		LF	\$18.00 / LF	
Sidewalk, 5'	252	LF	\$26.50 / LF	\$6,678.00
Sidewalk, 6'		LF	\$31.00 / LF	
Stop Signs / Warning or Regulatory	2	EA	\$250.00 / EA	\$500.00
Storm Sewer, 12"		LF	\$41.00 / LF	
Storm Sewer, 18"		LF	\$46.00 / LF	
Storm Sewer, 24"		LF	\$51.00 / LF	
Storm Sewer, 36"		LF	\$56.00 / LF	
Street Signs*	1	EA	\$350.00 / EA	\$350.00
P - Cabinet*		EA	\$12,000.00 / EA	
30 Foot Strain Pole*		EA	\$4,600.00 / EA	
Camera Arm*		EA	\$1,500.00 / EA	
Signal Head (3 Section L.E.D.)*		EA	\$1,150.00 / EA	
Signal Head (5 Section L.E.D.)*		EA	\$1,914.00 / EA	
Pedestrian Signal L.E.D. Countdown*		EA	\$800.00 / EA	
Solo Pro Camera w/Junction Boxes*		EA	\$10,000.00 / EA	
Pedestrian Button Actuator*		EA	\$250.00 EA	
Signal Service Connection*		EA	\$2,500.00 EA	
Pavement Marking - 6" White*		LF	\$0.42 LF	
Pavement Marking - Double Yellow*		LF	\$0.70 LF	
Pavement Marking - Stop Bars*		LF	\$2.50 LF	
Pavement Marking - Arrow Straight*		EA	\$225.00 EA	
Pavement Marking - Arrow Turn*		EA	\$225.00 EA	
Pavement Marking - Combination Arrow*		EA	\$275.00 EA	
Street Trees (2-1/2" Caliper)		EA	\$275.00 / EA	
				Subtotal: \$22,758.00
				Additional 10%:
				Design:
				Total Estimate: \$22,758.00

*Direct Traffic Signal/Sign Installation Costs



Moores Pike Sidewalk (Segment A – Andrew's Circle to Woodruff Lane)

By: wykoffj

16 Jan 09

250 0 250 500 750 1000

For reference only; map information NOT warranted.

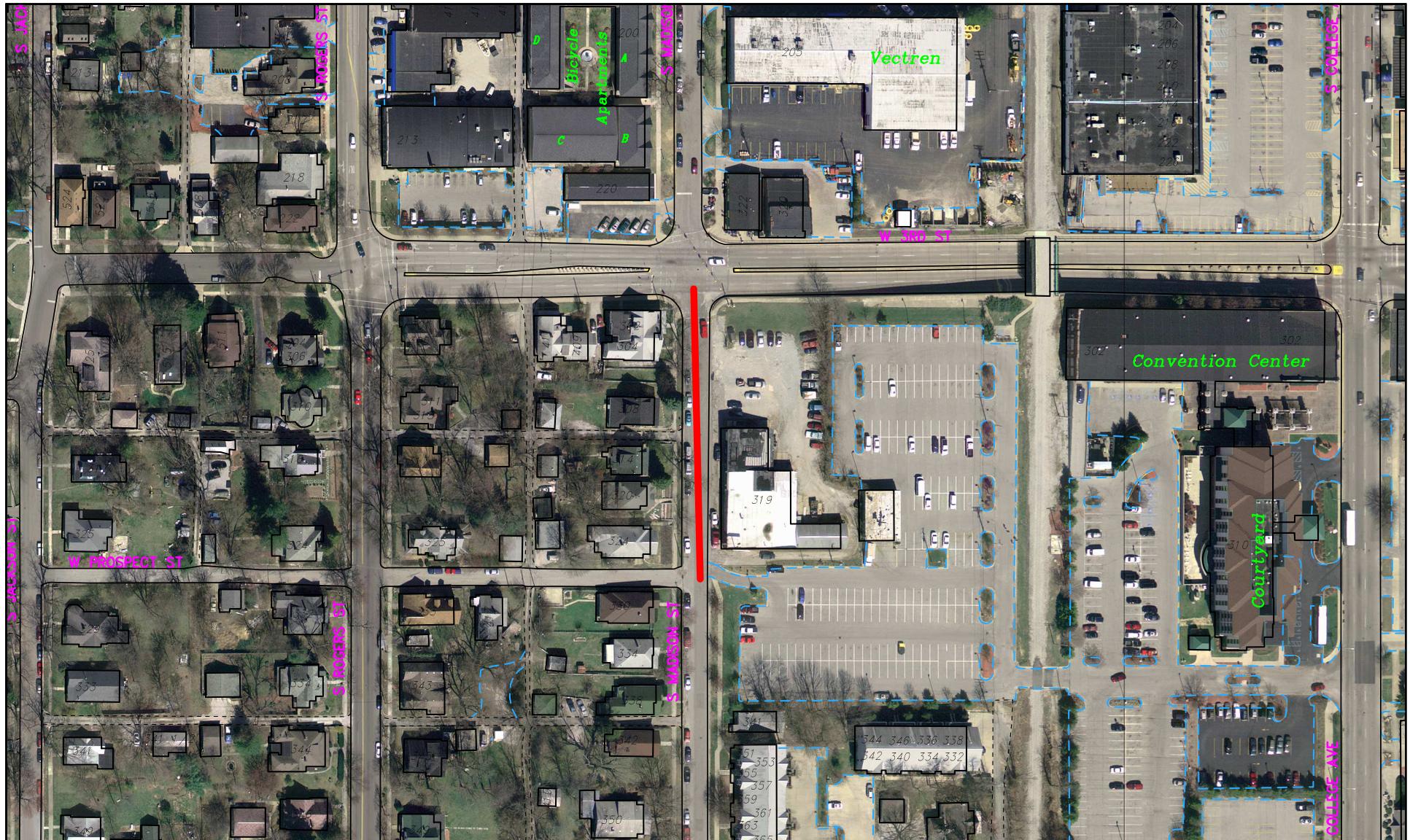
City of Bloomington
Engineering



Scale: 1" = 250'

Engineer's Estimate				
Madison Street - 3rd Street to Prospect Street (East Side - High Speed Tire)				
Item	Quantity	Unit	Unit Price	Total Price
Mobilization and Demobilization	1	EA	\$5,000.00 / EA	\$5,000.00
B Borrow for Structural Backfill		CYS	\$45.00 / CYS	
Bituminous Base		Ton	\$56.00 / Ton	
Bituminous Material for Tack		Ton	\$115.00 / Ton	
Bituminous Overlay (2" x 12')		LF	\$15.50 / LF	
Bituminous Surface	40	Ton	\$62.00 / Ton	\$2,480.00
Bituminous Base		Ton	\$56.00 / Ton	
Bituminous Surface Milling		SYS	\$4.00 / SYS	
Plated Sidewalk Ramp (ADA Compliant)		EA	\$2,200.00 / EA	
Casting, Adjust to Grade		EA	\$500.00 / EA	
Casting, Storm Inlet/Manhole	3	EA	\$1,800.00 / EA	\$5,400.00
Cement Concrete Pavement 7"	50	SYS	\$63.00 / SYS	\$3,150.00
Comp. Agg. No. 53	80	Ton	\$14.00 / Ton	\$1,120.00
Compacted Agg. for Base		Ton	\$19.25 / Ton	
Compacted Agg. for Shoulder		Ton	\$13.25 / Ton	
Concrete Curb and Gutter		LF	\$24.00 / LF	
Concrete Curb, Type B	290	LF	\$21.00 / LF	\$6,090.00
Construction Sign, Type A	4	EA	\$125.00 / EA	\$500.00
Excavation, Common	140	CYS	\$19.00 / CYS	\$2,660.00
Saw-Cut Pavement		LF	\$3.00 / LF	
Tree/Vegetation Removal		EA	\$750.00 / EA	
Perforated Pipe, Plastic 6"		LF	\$7.00 / LF	
Retaining Wall - Decorative Block 4 Ft Tall		LF	\$65.00 / LF	
Right of Way		SF	\$10.00 / SF	
Appraisal/Title Work		EA	\$2,800.00 EA	
Topsoil	60	Ton	\$18.00 / Ton	\$1,080.00
Sod	80	SYS	\$6.50 / SYS	\$520.00
Roll Curb		LF	\$18.00 / LF	
Sidewalk, 5'	260	LF	\$26.50 / LF	\$6,890.00
Sidewalk, 6'		LF	\$31.00 / LF	
Stop Signs / Warning or Regulatory	2	EA	\$250.00 / EA	\$500.00
Storm Sewer, 12"	240	LF	\$41.00 / LF	\$9,840.00
Storm Sewer, 18"		LF	\$46.00 / LF	
Storm Sewer, 24"		LF	\$51.00 / LF	
Storm Sewer, 36"		LF	\$56.00 / LF	
Street Signs*		EA	\$350.00 / EA	
P - Cabinet*		EA	\$12,000.00 / EA	
30 Foot Strain Pole*		EA	\$4,600.00 / EA	
Camera Arm*		EA	\$1,500.00 / EA	
Signal Head (3 Section L.E.D.)*		EA	\$1,150.00 / EA	
Signal Head (5 Section L.E.D.)*		EA	\$1,914.00 / EA	
Pedestrian Signal L.E.D. Countdown*		EA	\$800.00 / EA	
Solo Pro Camera w/Junction Boxes*		EA	\$10,000.00 / EA	
Pedestrian Button Actuator*		EA	\$250.00 EA	
Signal Service Connection*		EA	\$2,500.00 EA	
Pavement Marking - 6" White*		LF	\$0.42 LF	
Pavement Marking - Double Yellow*		LF	\$0.70 LF	
Pavement Marking - Stop Bars*		LF	\$2.50 LF	
Pavement Marking - Arrow Straight*		EA	\$225.00 EA	
Pavement Marking - Arrow Turn*		EA	\$225.00 EA	
Pavement Marking - Combination Arrow*		EA	\$275.00 EA	
Street Trees (2-1/2" Caliper)		EA	\$275.00 / EA	
				Subtotal: \$45,230.00
				Additional 10%: \$4,523.00
				Design:
				Total Estimate: \$49,753.00
\$6000.00 of Total Estimate is from Public Works				

*Direct Traffic Signal/Sign Installation Costs



Madison Street Sidewalk (3rd Street to Prospect Street)

By: wykoffj

16 Jan 09

150 0 150 300 450 600

For reference only; map information NOT warranted.



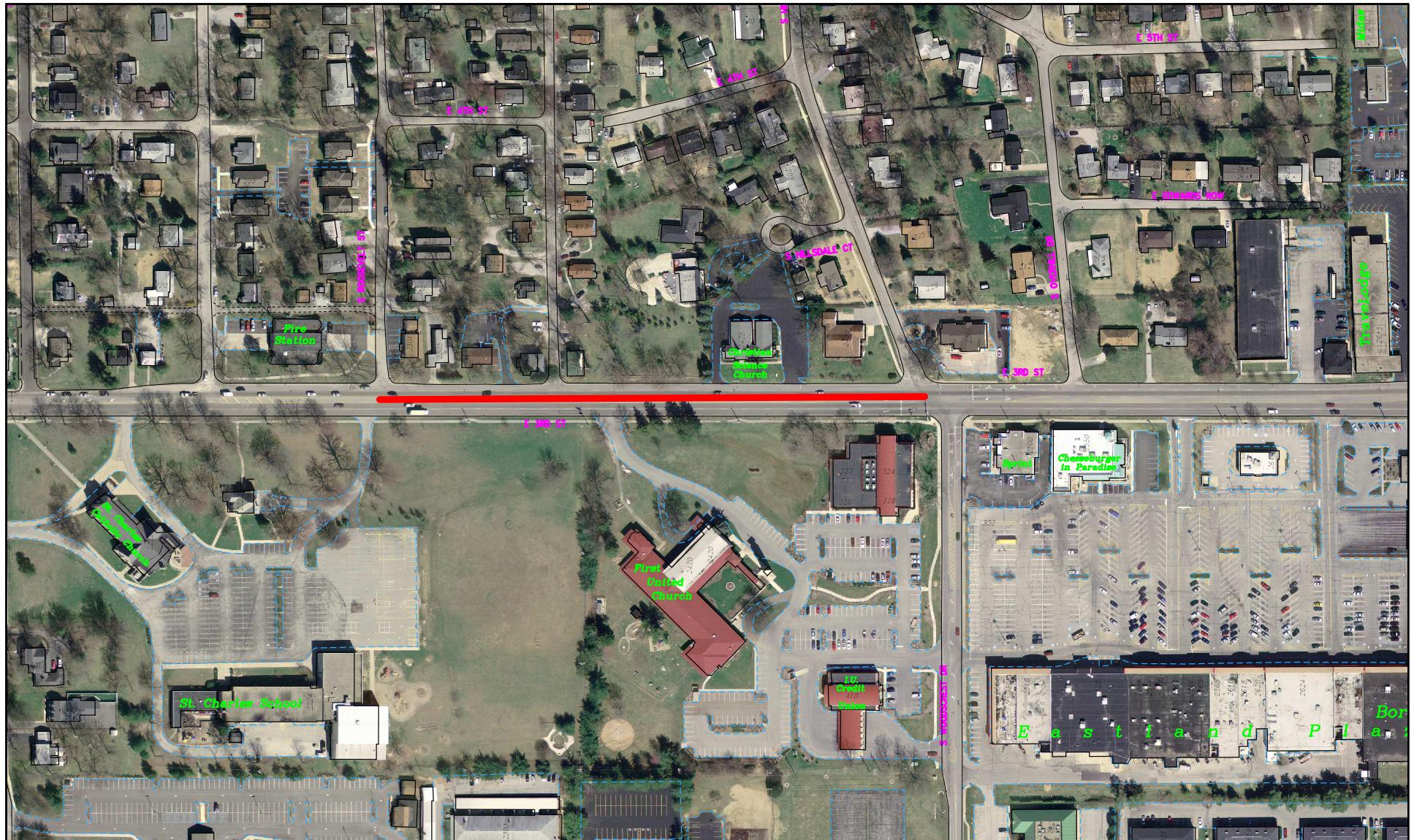
City of Bloomington
Engineering



Scale: 1" = 150'

East Third Street Roosevelt to Hillsdale

No estimate available



East Third Street Sidewalk (Roosevelt to Hillsdale)

By: wykoffj

16 Jan 09

250 0 250 500 750 1000

For reference only; map information NOT warranted.

City of Bloomington
Engineering



Scale: 1" = 250'

List of Projects Considered by the 2009 Council Sidewalk Committee

Previously Considered Projects	New Council Member Requests	New Citizen Requests
5th Street Hillsdale to Union (south) (5 blocks) [Mayer - 2002]	Rhorer Road Sare Road to South Walnut (north) [Piedmont-Smith – 2009]	Covey Lane Miller Drive to Deadend (east) (Mr. Stallings – 2008)
Jefferson 3 rd to 4 th (east) [Mayer - 2002]	South Rogers 1515 – 1525 South Rogers (east) [Piedmont-Smith – 2009]	Miller Drive Henderson to east of Huntington Dr (north for four blocks and south for one block) Ms. Markum – 2008)
4 th to 5 th (east) [Mayer - 2002]	Madison Street 319 South Madison to W. 3 rd Street (east) [Sturbaum – 2009]	Fairview Allen to Wylie McDoel N.A. (2008)
6 th to 7 th (east) [Mayer - 2002]	Blue Ridge Neighborhood Association Inventory of Missing Sidewalks Throughout Neighborhood [Wisler – 2009]	Madison Street Dodds to Patterson Drive McDoel N.A. (2008)
8 th to 10 th (east) [Mayer - 2002]		Highland Village General Request (Mr. Sommers – 2008)
Marilyn Drive Nancy to High Street (south) [Rollo - 2005]		
Maxwell Lane Highland to Jordan (north) [Rollo - 2006]		
Maxwell Lane Jordan to Sheridan (north) [Rollo - 2006]		
East 11th Washington to Lincoln (north) [Volan - 2006]		
South Henderson Street Maxwell Lane to Hillside Drive (west)		

side) [Sabbagh & Jan Sorby - 2005]		
South Henderson Moody to Thorton (east) [Plan Dept - 2008]		
Union St. 4 th to 7 th (east) [Mayer - 2008]		
East 3rd Bryan to SR 45/46 (north) [Plan Dept - 2008]		
High Street 2 nd to Covenanter (east) [Sabbagh – 2008]		
Moores Pike From Andrews Sare/College Mall Road (south) [Rollo - 2008]		
Moores Pike Valley Forge to High Street (north) [Sabbagh - 2008]		
Ruby Lane Nancy to High (south) [Rollo - 2008]		
Covenanter Nancy to High (west) [Rollo -2008]		
Nancy St Mark to Hillside (west) [Rollo - 2006]		

[Neighborhood Association – 2001]		
S. Walnut Hoosier Street to Legends parking lot (west) [DPW ~2000]		
S. Walnut Winston/ Thomas to Nat'l Guard Armory (west) [DPW ~2000]		
N. Dunn SR 45/46 to Tamarack Trail (east) [Sabbagh - 2008]		
Ramble Road East 2938 to N. Dunn (north) [Wisler - 2008]		
Clubhouse Drive east & west of Clubhouse [Wisler - 2008]		
North Kinser Pike Acuff to north end of residences (west) [Sandberg & Sturbaum -2008] [Citizen ~2006]		
North Kinser Pike just south of SR 45/46 (west) [Wisler - 2008]		
North Kinser Pike north of 17 th (east) [Wisler – 2008] [Citizen ~2000]		
West 17th Madison to Woodburn (south) [Plan Dept - 2008]		

East 17th Forrest to Indiana (south) [Citizen - 2006]		
South Rogers [Sturbaum]		
Greenwood Covenanter to Greenwood [Rollo - 2007]		
Palmer Wylie and 1 st Street [Ruff - 2007]		

Council Sidewalk Committee 2008 Project Prioritization - Existing Conditions

Ref #	Street	Description	Project Length (approx.)	Walk Score (potential ped usage)	Ped LOS Score	Ped LOS Grade	Priority Level	Rank
1	5th St.	Union to Hillsdale	1671	66	3.52	D	46.46	13
2	Jefferson St.	5th to 10th	1638	63	3.72	D	46.87	12
2	Jefferson St.	3rd to 5th	893	69	3.61	D	49.82	10
3	Marilyn Dr.	Nancy to High	725	38	3.37	C	25.61	22
4	Maxwell Ln.	Highland to Sheridan	842	63	3.19	C	40.25	15
5	11th St.	Washington to Lincoln	336	88	3.65	D	64.24	5
6	South Henderson	Maxwell Lane to Hillside	N/A					
7	South Henderson	Moody to Thorton	N/A					
8	Union St.	4th St. to 7th St.	954	68	3.99	D	54.28	8
9	3rd St.	east of Bryan	150	68	4.30	D	58.48	6
9	3rd St.	east of Hillsdale (in front of Chiropractor)	115	85	4.10	D	69.70	4
9	3rd St.	in front of TraveLodge	243	85	4.12	D	70.04	1
9	3rd St.	west of Overhill to east of Sahara Mart	512	85	4.12	D	70.04	1
9	3rd St.	west of Roosevelt to Hillsdale	948	85	4.12	D	70.04	1
9	3rd St.	West of Jefferson	130	69	3.41	C	47.06	11
10	High St.	Covenanter Dr. to 2nd St.	2622	46	4.01	D	36.85	19
11	Moores Pike	Andrews to College Mall	1289	51	3.99	D	40.70	14
12	Moores Pike	Valley Forge to High Street	1060	34	4.17	D	28.33	21
13	Ruby Ln	Nancy to Covenanter	488	35	3.41	C	23.87	25
14	Covenanter Dr.	Ruby to High	335	35	3.46	C	24.22	24
15	Nancy St.	Hillside to Mark	878	31	3.48	C	21.58	27
16	Walnut St.	Hoosier Street to Legends	369	52	3.74	D	38.90	16
17	Walnut St.	Winston/Thomas to Nat'l Guard Armory	1064	42	3.74	D	31.41	20
18	Dunn St.	SR 45/46 to Tamarack Tr.	2044	32	3.83	D	24.51	23
19	Ramble Rd.	Ramble to Dunn	875	28	3.26	C	18.26	29
20	Clubhouse Dr.	Kinser Pk. To Old SR 37	3199	26	3.65	D	18.98	28
21	Kinser Pike	north of Acuff	1595	12	3.83	D	9.19	30
22	Kinser Pike	south of SR 45/46	454	51	3.73	D	38.05	17
23	Kinser Pike	north of 17th St. to existing sidewalk near apartments	700	72	3.88	D	55.82	7
24	17th St.	Madison to Woodburn	476	72	3.52	D	50.62	9
25	17th St.	Indiana to Forrest Ave.	1323	45	4.23	D	38.03	18
26	South Rogers	Country Club to Rockport	N/A					
27	Greenwood Ave. connector path	Covenanter to Greenwood	211	37	1.00	A	7.40	31
28	Palmer St. connector path	Wylie to 1st	529	75	1.50	B	22.50	26

Shaded Projects are the top 10 projects based on Walk Score and Pedestrian Level of Service

Council Sidewalk Committee 2008 Project Prioritization - Monolithic Sidewalk

					Existing Conditions			With Monolithic Sidewalk							
Ref #	Street	Description	Project Length (approx.)	Walk Score (potential ped usage)	Ped LOS Score	Existing Ped LOS Grade	Ped LOS Score	Grade	LOS improvement	Improvement Score	Project Improvement Score	Project Cost (PW)	Benefit/Cost	Rank	
1	5th St.	Union to Hillsdale	1671	66	3.52	D	3.35	C	0.17	2.24	3749.72	\$41,775	0.90	6	
2	Jefferson	3rd to 5th	893	69	3.61	D	3.46	C	0.15	2.07	1848.51	\$22,325	0.83	9	
2	Jefferson	5th to 10th	1638	63	3.72	D	3.55	D	0.17	2.14	3508.60	\$40,950	0.86	8	
3	Marilyn Dr.	Nancy to High	725	38	3.37	C	3.20	C	0.17	1.29	936.70	\$18,125	0.52	15	
4	Maxwell Ln.	Highland to Sheridan	842	63	3.19	C	3.09	C	0.11	1.36	1142.85	\$21,050	0.54	14	
5	11th St.	Washington to Lincoln	336	88	3.65	D	3.48	C	0.17	2.99	1005.31	\$8,400	1.20	2	
6	South Henderson	Maxwell to Hillsdale	N/A												
7	South Henderson	Moody to Thorton	N/A												
8	Union St.	4th St. to 7th St.	954	68	3.99	D	3.84	D	0.15	2.06	1964.62	\$23,850	0.82	10	
9	3rd St.	east of Bryan	150	68	4.30	D	4.14	D	0.16	2.18	326.40	\$3,750	0.87	7	
9	3rd St.	east of Hillsdale (in front of Chiropractor)	115	85	4.10	D	4.10	D	0.00	0.02	2.86	\$2,875	0.01	30	
9	3rd St.	in front of TraveLodge	243	85	4.12	D	3.97	D	0.15	2.61	633.99	\$6,075	1.04	3	
9	3rd St.	west of Overhill to east of Sahara Mart	512	85	4.12	D	3.97	D	0.15	2.61	1335.81	\$12,800	1.04	3	
9	3rd St.	west of Roosevelt to Hillsdale	948	85	4.12	D	3.97	D	0.15	2.61	2473.33	\$23,700	1.04	3	
9	3rd St.	west of Jefferson	130	69	3.41	C	3.33	C	0.08	1.10	143.52	\$3,250	0.44	18	
10	High St.	Covenanter Dr. to 2nd St.	2622	46	4.01	D	4.00	D	0.01	0.05	133.12	\$65,550	0.02	29	
11	Moores Pike	Andrews to College Mall	1289	51	3.99	D	3.85	D	0.14	1.43	1840.69	\$32,225	0.57	12	
12	Moores Pike	Valley Forge to High Street	1060	34	4.17	D	4.01	D	0.16	1.06	1126.79	\$26,500	0.43	20	
13	Ruby Ln	Nancy to Covenanter	488	35	3.41	C	3.26	C	0.15	1.05	512.40	\$12,200	0.42	21	
14	Covenanter Dr.	Ruby to High	335	35	3.46	C	3.30	C	0.16	1.12	375.20	\$8,375	0.45	17	
15	Nancy St.	Hillside to Mark	878	31	3.48	C	3.33	C	0.15	0.94	823.01	\$21,950	0.37	23	
16	Walnut St.	Hoosier Street to Legends	369	52	3.74	D	3.66	D	0.08	0.83	305.28	\$9,225	0.33	25	
17	Walnut St.	Winston/Thomas to Nat'l Guard Armory	1064	42	3.74	D	3.67	D	0.07	0.58	621.60	\$26,600	0.23	27	
18	Dunn St.	SR 45/46 to Tamarack Tr.	2044	32	3.83	D	3.66	D	0.17	1.09	2223.87	\$51,100	0.44	19	
19	Ramble Rd.	Ramble to Dunn	875	28	3.26	C	3.12	C	0.14	0.78	686.00	\$21,875	0.31	26	
20	Clubhouse Dr.	Kinser Pk. To Old SR 37	3199	26	3.65	D	3.48	C	0.17	0.88	2827.92	\$79,975	0.35	24	
21	Kinser Pike	north of Acuff	1595	12	3.83	D	3.66	D	0.17	0.40	641.51	\$39,875	0.16	28	
22	Kinser Pike	south of SR 45/46	454	51	3.73	D	3.63	D	0.10	1.02	463.08	\$11,350	0.41	22	
23	Kinser Pike	north of 17th St. to existing sidewalk near apartments	700	72	3.88	D	3.75	D	0.13	1.82	1274.36	\$17,500	0.73	11	
24	17th St.	Madison to Woodburn	476	72	3.52	D	3.43	C	0.09	1.23	584.83	\$11,900	0.49	16	
25	17th St.	Indiana to Forrest Ave.	1323	45	4.23	D	4.07	D	0.16	1.40	1850.33	\$33,075	0.56	13	
26	South Rogers	Country Club to Rockport	N/A												
27	Greenwood Ave.	Covenanter to Greenwood	211	37	1.00	A	1.00	A	0.00	0.00	0.00	\$5,275	0.00	31	
28	Palmer St.	Wylie to 1st	529	75	1.50	B	1.00	A	0.50	7.50	3967.50	\$13,225	3.00	1	

Shaded Projects are the top 10 projects based on the benefit/cost ratio for adding a monolithic sidewalk

Council Sidewalk Committee 2008 Project Prioritization - Separated Sidewalk

Ref #	Street	Description	Project Length (approx.)	Existing Conditions				With Sidewalk and Tree Plot						
				Walk Score (potential ped usage)	Ped LOS Score	Ped LOS Grade	Ped LOS Score	Ped LOS Grade	LOS Improvement	Improvement Score	Project Improvement Score	Project Cost (PW)	Benefit / Cost	Rank
1	5th St.	Union to Hillsdale	1671	66	3.52	D	1.90	B	1.62	21.38	35732.66	\$83,550	4.28	6
2	Jefferson	3rd to 5th	893	69	3.61	D	2.08	B	1.53	21.11	18854.80	\$44,650	4.22	7
2	Jefferson	5th to 10th	1638	63	3.72	D	2.10	B	1.62	20.41	33434.86	\$81,900	4.08	10
3	Marilyn Dr.	Nancy to High	725	38	3.37	C	1.75	B	1.62	12.31	8926.20	\$36,250	2.46	19
4	Maxwell Ln.	Highland to Sheridan	842	63	3.19	C	1.97	B	1.22	15.43	12992.58	\$42,100	3.09	12
5	11th St.	Washington to Lincoln	336	88	3.65	D	2.04	B	1.61	28.34	9520.90	\$16,800	5.67	1
6	South Henderson	Maxwell to Hillside	N/A											
7	South Henderson	Moody to Thornton	N/A											
8	Union St.	4th St. to 7th St.	954	68	3.99	D	2.46	B	1.53	20.83	19869.29	\$47,700	4.17	8
9	3rd St.	east of Bryan	150	68	4.30	D	2.77	C	1.53	20.81	3121.20	\$7,500	4.16	9
9	3rd St.	east of Hillsdale (in front of Chiropractor)	115	85	4.10	D	2.63	C	1.47	24.99	2873.85	\$5,750	5.00	5
9	3rd St.	in front of TraveLodge	243	85	4.12	D	2.56	C	1.56	26.52	6444.36	\$12,150	5.30	2
9	3rd St.	Mart	512	85	4.12	D	2.59	C	1.53	26.01	13317.12	\$25,600	5.20	3
9	3rd St.	west of Roosevelt to Hillsdale	948	85	4.12	D	2.59	C	1.53	26.01	24657.48	\$47,400	5.20	3
9	3rd St.	west of Jefferson	130	69	3.41	C	2.44	B	0.97	13.39	1740.18	\$6,500	2.68	16
10	High St.	Covenanter Dr. to 2nd St.	2622	46	4.01	D	2.56	C	1.45	13.30	34869.38	\$131,100	2.66	17
11	Moores Pike	Andrews to College Mall	1289	51	3.99	D	2.53	C	1.46	14.89	19195.79	\$64,450	2.98	14
12	Moores Pike	Valley Forge to High Street	1060	34	4.17	D	2.63	C	1.54	10.45	11073.83	\$53,000	2.09	22
13	Ruby Ln	Nancy to Covenanter	488	35	3.41	C	1.88	B	1.53	10.71	5226.48	\$24,400	2.14	21
14	Covenanter Dr.	Ruby to High	335	35	3.46	C	1.89	B	1.57	10.99	3681.65	\$16,750	2.20	20
15	Nancy St.	Hillside to Mark	878	31	3.48	C	1.95	B	1.53	9.49	8335.18	\$43,900	1.90	25
16	Walnut St.	Hoosier Street to Legends	369	52	3.74	D	2.74	C	1.00	10.40	3835.87	\$18,450	2.08	23
	Walnut St.	Winston/Thomas to Nat'l Guard Armory	1064	42	3.74	D	2.74	C	1.00	8.40	8933.57	\$53,200	1.68	26
18	Dunn St.	SR 45/46 to Tamarack Tr.	2044	32	3.83	D	2.22	B	1.61	10.30	21061.38	\$102,200	2.06	24
19	Ramble Rd.	Ramble to Dunn	875	28	3.26	C	1.80	B	1.46	8.18	7154.00	\$43,750	1.64	28
20	Clubhouse Dr.	Kinser Pk. To Old SR 37	3199	26	3.65	D	2.04	B	1.61	8.37	26782.03	\$159,950	1.67	27
21	Kinser Pike	north of Acuff	1595	12	3.83	D	2.21	B	1.62	3.88	6192.11	\$79,750	0.78	30
22	Kinser Pike	south of SR 45/46	454	51	3.73	D	2.46	B	1.27	12.95	5881.12	\$22,700	2.59	18
23	Kinser Pike	north of 17th St. to existing sidewalk near apartments	700	72	3.88	D	2.56	C	1.32	18.96	13269.56	\$35,000	3.79	11
24	17th St.	Madison to Woodburn	476	72	3.52	D	2.45	B	1.07	15.34	7302.14	\$23,800	3.07	13
25	17th St.	Indiana to Forrest Ave.	1323	45	4.23	D	2.69	C	1.54	13.82	18281.99	\$66,150	2.76	15
26	South Rogers	Country Club to Rockport	N/A											
27	Greenwood Ave.	Covenanter to Greenwood	211	37	1.00	A	1.00	A	0.00	0.00	0.00	\$10,550	0.00	31
28	Palmer St.	Wylie to 1st	529	75	1.50	B	1.00	A	0.50	7.50	3967.50	\$26,450	1.50	29

Shaded Projects are the top 10 projects based on the benefit/cost ratio for adding a sidewalk with tree plot

A HISTORY OF COUNCIL SIDEWALK COMMITTEE FUNDS, 2002-2009

2009				
Site	Estimate	Recommendation	Comments	
		ATF	CBU Sidewalk/ Stormwater	
Marilyn -- Nancy to High (south side)	\$189,937.45	\$0.00	\$91,564.00	This is one of the last segments of a route on the Bicycle and Pedestrian Transportation and Greenways System (Greenways) Plan that would connect Bryan Park with sidewalks at High and Covenanter. Prior ATF funds were used to install sidewalks on Mitchell, Circle, Ruby and Nancy Street. Last year the Committee requested and expected that the Greenways monies would be used to cover the sidewalk and the CBU Set Aside would cover the storm water component of this project. However, an amendment to the Greenways Plan and other projects left this one unfunded in 2008. As noted above, the Committee recommended that the Council respectfully request that the Mayor consider appropriating \$98,937.45 of federal reimbursement of matching funds to complete this project.
Henderson -- Moody to Thornton (east side)	\$99,319.17	\$71,877.77	\$27,441.40	This project was scheduled for funding in 2008. It was requested by the Planning Department, MCCSC, and a property owner and would complete the last segment of unfinished sidewalk on the east side of Henderson between Hillside and Miller Drive as well as much further north and south. The HAND department may help fund some of this project.
Kinser Pike -- Marathon Stn. to 45/46 (west side)	\$54,751.14	\$40,280.74	\$14,470.40	This is a heavily-travelled stretch. Many residents living in multi-family housing walk here to the grocery store and other amenities.
Moores Pike -- Segment A – Woodruff to existing walk (south side)	\$22,758.00	\$22,758.00	\$0.00	This stretch provides connectivity with an existing walk and was requested by area residents. This project will provide residents with a safer crossing of Moores Pike. Some residents indicated that they would be willing to make a contribution.
S. Madison -- 3 rd to Prospect (east side)	\$49,773.00	\$26,989.00	\$16,784.00	This project is in a highly-urban area and would link to the B-Line trail at the W. 3 rd Street overpass. Public Works will commit \$6,000 for concrete.
3 rd Street -- Roosevelt to Clark & Clark to Hillsdale (north side)	\$231,564.07	\$50,000 *	\$0.00	Connection to link up to the existing sidewalk network. A worn pedestrian path demonstrates the heavy use of this area. The 2009 Committee agreed that if the funds remaining for the above projects are not needed to complete said projects, up to \$50,000 of the remaining 2009 ATF balance shall be dedicated to right-of-way acquisition for this project.
Total:		\$211,905.51	\$150,259.80	

2008

5th Street -- Hillsdale to Deadend (south side)	\$535,088.97	\$70,485.63	\$0.00	This two-block long, multi-departmental project provides an east-west connection through the Greenacres Neighborhood and needed stormwater infrastructure for the area. Total funding includes: \$112,934.36 (2007 ATF), \$10,453.98 (2007 CBU Sidewalk/Stormwater Setaside); \$216,215 (CBU Capital Project), and \$125,000 (HAND Neighborhood Improvement Grant). Note: This project was completed in 2008.
Henderson -- Allen to Hillside (west side)	\$669,090.00	* \$3,667.21	\$0.00	This improvement is aimed at alleviating pedestrian/vehicular conflict in this elementary school area. The Committee funded design in 2007 at the request of Public Works. Public Works received a \$250,000 Safe Routes to School grant for this project and wanted an additional sign of support from the Council in order to garner funds from other sources (including CDBG). * Note: The Committee recommended that any funds remaining in 2008 may be applied to this project.
Marilyn -- Nancy to High (south side)	*\$167,578.63	\$0.00	* \$62,480	This is one of the last segments of a route on the Alternative Transportation and Greenways Plan that would connect Bryan Park with sidewalks at High and Covenanter. Prior ATF funds were used to install sidewalks on Mitchell, Circle, Ruby and Nancy Street. The Committee requests that Alternative Transportation and Greenways monies fund the \$105,098.63 needed for the sidewalk portion of this project. *Note: The Committee also realized that the stormwater component will be more expensive than indicated and authorized that any remaining funds be used for this purpose.
E. 2nd Street -- Woodcrest to 300' east (north side)	\$34,300.00	\$32,319.00	\$1,981.00	This small project would fill-in the last missing stretch of sidewalk on both sides of East 2nd from College Mall Road to High Street, which sees high levels of vehicular and pedestrian traffic. Note: ATF funded design of this project in 2006. Note: This project was completed in 2008.
Henderson -- Thornton to Moody (east side)	\$71,735.90	\$49,405.90	\$22,330.00	This will complete a missing link on the east side of Henderson and provide uninterrupted sidewalks and crossings on that side of the street for at least a mile.
High Street - Across from Childs School (west side)	\$22,362.55	\$21,078.05	\$577.50	This project would create a continuous sidewalk on the west side of High Street across from Childs School, which has the highest walk-in rates in the community. The sidewalk may also allow the City to eliminate one crossing guard. Note: This project was completed in 2008.
West 17th Street -- Lindberg to Arlington Park Drive (south side)	\$52,077.21	\$27,337.21	\$0.00	A new development at the corner of W. 17th and Crescent Road led to this request. The total project should cost about \$52,077.21, but the possible donation of right-of-way by abutting property owners and contribution of materials by the developer would lower the cost to the amount as listed here. Note: This project was completed in 2008.
Total:		\$204,293.00	\$87,368.50	* Note: Any remaining ATF monies may be applied to the Henderson - Allen to Hillside project and any remaining CBU sidewalk/stormwater funds may be applied to Marilyn - Nancy to High Street. Also, using the estimates for CBU Sidewalk/Stormwater projects as presented in this chart and the carryover of \$22,834.79 from 2007, there would be approximately \$60,466.29 available for future CBU Sidewalk/Stormwater projects.

2007

Site	Estimate	Recommendation		Comments
		ATF	USB Stormwater	
5th Street -- Overhill to Deadend (south side)	\$262,685.80	\$92,646.50	\$29,344.60	This provides an east-west connection through the Greenacres Neighborhood. * Note: The Committee committed to dedicate 2008 ATF monies to complete this project if the sum allotted is insufficient. This is part of a larger initiative to improve the stretch on 5th Street from Hillsdale to the deadend. CBU has dedicated \$225,000 independent of the Sidewalk Committee for stormwater improvements in this area. Note: The 2-block segment from Hillsdale to the deadend was completed in 2008.
Henderson -- Allen to Hillside (west side)	unknown	\$45,000.00		Director of Public Works, Susie Johnson, requested that the Committee partner with Public Works by providing \$45,000 for the design cost of this project. This improvement is aimed at alleviating congestion and improving safety in this elementary school area.
Arden -- Windsor to High (south side)	\$100,452.00	\$47,353.50	\$53,098.00	The neighbors met with Councilmember Rollo and wanted a sidewalk to help their kids get to High Street and Southeast Park. Note: This project was completed in 2007.
Total:		\$185,000.00	\$82,442.60	

2006			
Site	Estimate	Recommendation	Comments
Queens Way, Sussex to High (south side)	\$25,969.68	\$25,969.68	This is the missing link, connecting High to Renwick.
Roosevelt, Fourth to Fifth (east side)	\$127, 269.79 with curbs	\$127,269.79	This ties in with the recent improvements made by Doug McCoy which made Roosevelt a through-street.
Arden – From High to Windsor (south side)	\$59,486.72	\$5,000 (design only)	This project provides a safe walk way for the neighborhood's many children to travel to a near-by school & park.
E. 2nd -- Woodcrest to 300' east (north side)	\$31,574.66	\$5,000 (design only)	This project is the missing link on the north side of the street from College Mall to the west. Justin suggested that in future years, the Committee might provide material and ask CBU to install.
11th Street– Washington to Lincoln (north side)	\$60,151.41	\$10,000 (design only)	
Maxwell -- Highland to Jordan (north side)	\$65,658.98 with tree plot & piping	\$5,000 (design only)	This 2-block project completes the missing link on Maxwell between Henderson & High.
Maxwell -- Jordan to Sheridan (north side)	\$72,479.88 with tree plot & piping	\$5,000 (design only)	This 2-block project completes the missing link on Maxwell between Henderson & High.
		\$183,239.47	

2005			
Site	Estimate	Recommendation	Comments
Maxwell Lane from Clifton Sidepath to High Street (north side)	\$65,175.00	\$65,175.00	<p>Since 1999, the Committee has funded sidewalks on Maxwell Lane between Henderson and High Street. The first project was north of Bryan Park and ran from Henderson Street to Manor Road and connected to an existing sidewalk that runs to Jordan Avenue. The second project connected a sidewalk on Sheridan with the Clifton sidepath. This project would connect the latter sidewalk to High Street. The Committee recommended that a cross walk be placed on High (to connect with an existing sidewalk) and that sidewalk be placed to preserve trees, if that isn't possible, include a tree plot.</p> <p>Note: The project was rebid and completed in 2007 and was funded, in part, with the reappropriation of \$34,000 in reverted funds .</p>
Queens Way from Chelsea to Sussex (south side)	\$35,729.00	\$35,729.00	The Renwick developer will install a sidewalk on the south side of Queens Way from the new development to Monclair Avenue. The Committee received estimates for installing sidewalks the rest of the way to High Street (\$83,700), funded the first leg between Montclair and Sussex in 2004.
Marilyn from Nancy to High Street (south side)	\$155,216 (one block only)	\$11,497.54 (design only)	This project begins completion of the western end of what's known as the Southeast Neighborhood Initiative. This initiative will eventually connect the walking/biking lane on Southdowns / Jordan with sidewalks at Covenanter / High Street. The City has already completed a sidewalk from Mitchell / Southdowns to Ruby / Nancy Street, and Nancy Street from Ruby to Marilyn Drive. This allocation funds design costs and gives staff an opportunity to determine whether there are storm water costs that might be borne by CBU. One more leg on Southdowns from Jordan to Mitchell would complete this initiative. Note: This project was completed in 2007.
Roosevelt from 4th to 5th (east side)	\$86,340.00	\$6,395.62 (design only)	This is a new project that would complement new private development on Roosevelt that will make it a through-street and include a sidepath on 4 th Street. The estimate for the project is \$86,340 and this recommendation funds the design costs.
Total:	\$187,244.00		
2004			
Site	Estimate	Recommendation	Comments
Sidewalk Project - 10th Street for 350 feet West of Grandview (south side)		\$45,000.00	The Council funded this project in 2003 and approximately \$6,344 was spent that year on designing the sidewalk and acquiring right-of-way, but the remaining funds were not encumbered for its construction. The Committee recommends using unspent and unencumbered funds from previous years to fund this project.
Sidewalk Project - Nancy Street from Ruby Lane to Marilyn Drive (west side)	\$45,628.00	\$45,628.00	The Committee recommended funding this segment of the larger South East Neighborhood Initiative. That initiative first received funding in 2002 (see below).
Sidewalk Project - Jefferson Street between 7th and 8th (east side)	\$114,000.00	\$114,000.00	The Committee recommended funding this first segment of the larger Jefferson Street project, which has been designed as a result of previous funding in 2002 (see below). This segment, unlike the others, does not require a large complement of storm water funds.
Sidewalk Project - Winfield Road from Fairoaks to existing sidewalk just south of Rechter (east side)	\$45,096.00	\$27,000 (+\$18,096 from Wininger/Stolberg)	The Committee recommended funding this project in concert with the developer of the Renwick PUD (Wininger / Stolberg) who has offered to pay for the cost of materials (approximately \$18,096).
Sidewalk Project - Queens Way from Montclair Avenue to Chelsea Court (south side)	\$22,139.00	\$22,139.00	The Committee recommended funding this and the previous project in order to have sidewalks in place before the Renwick PUD gets well under way.
Total:		\$253,767.00	This amount includes \$151,000 of funds appropriated for sidewalks this year and unspent monies from previous years. If there are not enough monies in the Alternative Transportation Fund in 2004, then the Committee will need to decide whether to recommend use of 2005 funds for these purposes.

2003			
Site	Estimate	Recommendation	Comments
Sidewalk Project - East 5th Street from 1 block east of Overhill (deadend) to Overhill.	\$255,596.00	\$52,597.00	On 6/18/03, the Council approved the Committee recommendation to allocate \$52,597 contingent upon the availability of storm water funds.
Sidewalk Project - 10th Street for 350 feet west of Grandview Drive (south side)	\$43,975.00	\$43,975.00	
Sidewalk Project - Walnut Street from Bank One (Country Club/Winslow) to Hoosier Street (west side)	\$104,354.00	\$63,427.00	On 6/2/03 the Committee recommended allocating the remaining funds (\$63,427) to this project and discussed ways to reduce its cost.
Total:		\$159,999.00	

2002			
Site	Estimate	Recommendation	Comments
Sidewalk Project - Southdowns from Jordan and along the north side of Circle and Ruby lane to Nancy Street.	\$148,000.00	\$108,731 (+ \$39,000 from Greenways)	The original estimate was for a sidewalk on the north side of the street, but the Engineering staff and neighborhood preferred south side at estimated cost of \$129,000 (and an additional \$19,000 for the leg from Jordan to Mitchel). On 6/19/02 the Council allocated \$59,547 for this project and, as noted below, on 12/18/02, the Council voted to shift \$49,184 from the East 2nd Street project to this one as well. On May 8, 2003 the Greenways group agreed to fund the remaining \$39,000.
Design for sidewalk and storm water project - Jefferson Street from East 3rd to East 10th Street.	\$27,840.00	\$27,840.00	
Design for sidewalk and stormwater project - East 5th Street from 1 block east of Overhill to Union.	\$28,832.00	\$28,832.00	
Streetscape Plan - East 2nd from High Street to College Mall Road.	\$49,184.00	\$0.00	On 12/18/02 the Common Council voted to shift these funds (\$49,184) to the Ruby Lane project (above)
Sidewalk design - East Allen from Lincoln to Henderson Street	\$4,000 - \$8,000	\$7,400.00	
Total:	about \$160,000	\$172,803.00	

1996 - 2001

2001

Site	Cost
Maxwell Ln - Henderson to Manor Rd	\$2,607.85
N. Kinser - BHSN to Ridgefield	\$395.00
Winslow Road	\$27,000.00
Hillsdale Drive	\$34,752.70
Parkridge Road	\$22,990.00
N Dunn - 45/46 to Tammarack	\$74,746.70
Maxwell Ln - Sheridan to Clifton	\$10,700.00
Sare Road	\$275.00
Clifton MUP - Maxwell to 1st	\$1,532.75
Grimes - Henderson to Woodlawn	
Total 2001	\$175,000.00

2000

Site	Cost
Maxwell Ln - Henderson to Manor Rd	\$29,516.54
Hillsdale - 3rd to 5th	\$21,000.00
Hillsdale - 5th to 7th	\$24,885.00
Parkridge - Cambridge to Shefield	\$29,800.00
N Kinser - BHSN to Ridgefield	\$46,960.53
Clifton MUP	
Sare Road	\$14,860.00
Total 2000	\$167,022.07

1999

Site	Cost
Maxwell Ln - Henderson to Manor	\$145,105.57
3rd & Union	\$4,186.43
Atwater - Mitchell to High	\$708.00
Clifton MUP	
Total 1999	\$150,000.00

1998

Site	Cost
Kinser - Marsh to Skyline	\$19,456.88
Covenantor - High to Nota	\$14,548.08
Atwater - Mitchell to High	\$430.04
Kirkwood I - Walnut to Grant	\$115,565.00
Parkridge	
Total 1998	\$150,000.00

1997

Site	Cost
7th - Bryan to Hillsdale	\$18,052.65
2nd - Walnut to Basswood	\$1,900.00
Willow Manor	\$5,408.00
Atwater	\$9,281.25
S Walnut Sanitation and Animal	\$2,658.75
6th St	\$3,363.40
17th & Kinser	\$3,600.00
Ramps	\$24,000.00
Parkridge east Park	\$10,000.00
downtown lights	\$10,000.00
RR xings (sidewalks on 7th & 8th)	\$10,000.00
signals 10th & Fee - 2nd & rogers	\$10,000.00
Road Markings	\$20,514.50
Total 1997	\$128,778.55

1996

Site	Cost
7th - Bryan to Hillsdale	\$81,264.97
Ramps	\$28,800.03
Traffic Calming	\$38,035.00
Total 1996	\$148,100.00