

City Council Agenda Items
and
Contracts, Leases or Agreements

4/16/2013

City Council Meeting Date
Agenda Items Only

Chris Brown ^{CB}
Submitted By

Engineering
Division

Development Services
Department

Action Required:

Addition of Projects to the Transportation Bond Program

| | | |
|----------------------|---------------------------|---------------------------------|
| - | \$ 4,247,833.00 | Transportation Bond Program |
| Cost of this request | Category / Project Budget | Program Category / Project Name |
| - | \$ 2,436,455.05 | |
| Account Number | Funds Used to Date | Program / Project Category Name |
| 06035 | \$ 1,811,377.95 | 2006/2009 Sales Tax Bonds |
| Project Number | Remaining Balance | Fund Name |

Budgeted Item

Budget Adjustment Attached

James Pace 03-29-2013 Previous Ordinance or Resolution # _____
 Department Director Date
Chris Kelly 4-1-13 Original Contract Date: _____
 City Attorney Date Original Contract Number: _____

Paul A. Bunker 4-1-2013
 Finance and Internal Services Director Date
 Received in City Clerk's Office 03-29-13 P03:24 RCVD
Kim J.

Don Men 4-1-13
 Chief of Staff Date
 Received in Mayor's Office
 ENTERED 4/1/13
PH

Lionel Jordan 4/1/13
 Mayor Date

Comments:

To: Fayetteville City Council

Thru: Mayor Lioneld Jordan
 Don Marr, Chief of Staff
 Jeremy Pate, Development Services Director *J*

From: Chris Brown, City Engineer *CB*

Date: March 29, 2013



Subject: Transportation Bond Program-New Project Recommendations

INTRODUCTION/SUMMARY

Over the past few months, the Street Committee has worked to develop a list of projects to be added to the Transportation Bond Program. Additional projects are needed in the Program to ensure that all of the funds generated by the bond issued authorized by voters in 2006 are utilized on street improvement projects. The excess funds available are a result of lower than estimated construction costs, additional federal-aid funding that has been secured for certain projects, a contingency/cost sharing allocation that was set aside in the program but has not been used, and the elimination of Highway 112, from Truckers Drive to Van Asche, from full funding under the Bond Program. The list of Street Committee recommended projects, and summary of each project, is included in this memo, along with additional background information on the status of the Transportation Bond Program.

RECOMMENDATION

After completion of all projects that are currently in the Transportation Bond Program, approximately \$15.5 million remains to be spent. These funds must be spent on construction of street improvements, and must be expended in a timely manner after bonds are issued. With the third bond issue planned for 2014, new projects should be identified now in order for design, right of way acquisition, and other project activities to begin so that construction can begin as soon as possible after the bonds are issued in 2014. Projects that are recommended to be added to the Transportation Bond Program are:

| PROJECT NAME | DESCRIPTION | Estimated Project Cost | Other Funding | | Cost to Bond Program |
|--|----------------------|------------------------|----------------|---------------|----------------------|
| | | | CIP/Cost Share | State/Federal | |
| Old Wire Road | Mission to Crossover | \$4,016,000 | \$400,000 | | \$3,616,000 |
| Zion Road | Vantage to Crossover | \$4,650,000 | \$150,000 | | \$4,500,000 |
| Regional Park Access Roads | New Location | \$1,400,000 | | | \$1,400,000 |
| College Ave. Enhancements | Maple to Rebecca | \$600,000 | | | \$600,000 |
| College Ave. Enhancements | Rebecca to North St. | \$1,420,000 | | | \$1,420,000 |
| STP-A Matching Funds | | \$2,000,000 | | | \$2,000,000 |
| Intersection Improvements and Pedestrian Crossings | | \$500,000 | | | \$500,000 |
| Contingency/Cost Sharing | | \$1,464,000 | | | \$1,464,000 |

| | | | | Total | \$15,500,000 |
|------------------------------|----------------------------------|-------------|-----------|-------------|--------------|
| 2013 STP-A Projects: | | | | | |
| Ripple Road | Best Friend Ln. to Mount Comfort | \$3,700,000 | \$298,000 | \$2,720,000 | \$682,000 |
| Highway 112 (Razorback Road) | MLK Dr. to Leroy Pond Dr. | \$2,600,000 | \$260,000 | \$2,080,000 | \$260,000 |
| | | | | | |

BACKGROUND

The Transportation Bond Program is funded by three bond issues, scheduled in accordance with the availability of dedicated sales tax proceeds to pay off the bonds. Two bond issuances have occurred, one in 2006, and one in 2009, totaling approximately \$34.2 million of the \$65.9 million approved by voters in 2006. The remaining bond issue of approximately \$31.75 million is planned for 2014. The funding provided by these bonds, when combined with State/Federal funding and other City sources, will allow over \$105 million of improvements to be completed.

After the recent receipt of bids on several large projects, the status of the Bond Program and availability of funds in the third bond issue for additional projects is better known. A summary of the financial status is as follows:

| | |
|--|-------------------------|
| Transportation Bonds-Phases 1 and 2 | \$ 34,214,960.00 |
| Transportation Bonds-Phase 3 | \$ 31,750,000.00 |
| Transportation Bonds-Interest Income | \$ 1,575,600.00 |
| Less: Bond Issuance Costs (Phase 3) | <u>\$ (693,300.00)</u> |
| Total Transportation Bond Fund Proceeds | \$ 66,847,260.00 |
| | |
| Total Cost of Current Projects-Estimated | \$(51,275,615.00) |
| | |
| Unallocated Funds (Proceeds-Total Project Costs)* | \$ 15,571,645.00 |

* Includes \$8.8 million set aside in Phase 3 for cost sharing projects.

As noted above, available funds for additional projects are estimated at \$15.57 million. This value has been adjusted from the one provided in a December memo to the Committee. This adjustment is due to a proposed change to Garland Avenue (Hwy 112) between I-540 and Howard Nickell Drive. Staff recommends that the funding planned to be allocated to this project be reallocated to other projects. This recommendation is based on the following:

- During the compilation of projects for the 2006 Bond Program, a development along Highway 112 north of Sam's Club was proposed that would have significantly impacted the traffic on Highway 112. This project was never completed, and the current configuration of Highway 112 acceptably handles current levels of traffic.
- The Arkansas State Highway and Transportation Department (AHTD) is designing improvements to the I-540 interchange that will impact Highway 112 up to at least Truckers Drive, and possibly further to the north. This design will not be completed until at least 2015.
- The AHTD is also working on a study of the Highway 112 corridor from I-540 to Bentonville. This could affect the alignment of Highway 112 north of Sam's Club; more importantly, it creates a greater potential for additional state or federal funding of the route.

For these reasons, staff recommends not moving forward with plans to fully fund this project using Transportation Bond Funds; rather, it is prudent to wait on the results of the study, and be prepared to provide matching funds to State or Federal-aid funding that may become available.

A summary of the current projects in the Transportation Bond Program is provided in Attachment 1 to this memo.

PROJECT SUMMARIES

1. **Old Wire Road (Mission to Crossover). (\$4.02 Million)** Old Wire Road has been identified as a priority by past Street Committees. The intersection with Mission has previously been approved for signalization and improvements, and is being designed now by the AHTD. Improvements on the rest of Old Wire include widening and intersection improvements, sidewalks, bike lanes, and a roundabout at Old Missouri and Old Wire Road.
2. **Zion Road (Vantage to Crossover). (\$4.65 Million)** Zion Road from College Avenue to Vantage Drive was improved as part of the Bond Program in 2008. This project would extend the improvements to Crossover Road, and provide for a safer route for users by improving the sharp curve just east of Vantage, eliminating the deep ditches next to the road, providing accommodations for bicycles, and providing sidewalks for pedestrian use.
3. **Regional Park Access. (\$1.4 Million)** This project would improve Judge Cummings Road, and provide a new route through the City's property off of Cato Springs Road to access the proposed parking areas for the Regional Park. The street would be constructed with curb and gutter, sidewalks, and streetlights.
4. **College Avenue Improvements (Maple to Rebecca) (\$600,000)** The improvements to College Avenue would match the existing improvements between Rock and Maple, to include 8 foot wide sidewalks adjacent to the curb, trees, and streetlights. The segment between Maple and Rebecca is relatively short, and inexpensive compared to the other segment that is under consideration.
5. **College Avenue Improvements (Rebecca to North Street). (\$1.42 Million)** This segment is complicated by the existing retaining walls along College and the limited space available. If work on this segment moves forward, options other than 8 foot sidewalks adjacent to the curb on both sides may need to be considered.
6. **STP-A Matching Funds (\$2 million).** This placeholder project provides matching funds for federal aid money available through the Surface Transportation Program-Attributable Funds Program. This money is distributed through the Northwest Arkansas Regional Planning Commission. Projects are selected by a local selection committee. Projects selected for funding in Fayetteville in 2013 are Ruppel Road south of Mount Comfort Road (design funding), and Razorback Road (Hwy 112) from Martin Luther King Jr. Blvd. to Leroy Pond Drive through the University of Arkansas Campus. These projects are detailed below.
7. **Intersection Improvements at Selected Intersections (\$500,000)** This project would improve safety and pedestrian access at intersections such as Garland/Maple, Garland/North, North/College, MLK/Razorback, etc. Improvements would be designed as needed. Cost of improvements would be based on intersections selected and the improvements needed at each intersection.
8. **Contingency/Cost Sharing.** This is a placeholder project representing the unallocated funds remaining after funding the above projects. This amount may fluctuate as project budgets are refined during the design and project development process.

STP-A PROJECTS

The following two projects have been approved for funding in 2013 by the Regional Planning Commission. (Discussions regarding 2014 will begin soon.)

1. **Ruppel Road (Best Friend Lane to Mount Comfort Road). (\$3.7 Million)** This project will extend improvements to Ruppel Road from the north end of the Links at Ruppel apartment complex to Mount Comfort Road. The road will be realigned, with a new bridge across Hamestring Creek, to connect with Mount Comfort Road at the existing signal, creating a new 4-way intersection with Ruppel Road and Mount Comfort. Ruppel Road is identified as a priority by the Northwest Arkansas Regional Planning Commission as a north-south connector; therefore, this is one of the projects approved by the NWARPC for federal-aid (STP-A) funding (for design only) for 2013. The City will be responsible for a minimum of 20% matching funds. This project has been previously identified as a priority project by the Street Committee.

2. **Highway 112 (Razorback Road) (Martin Luther King Jr. Blvd. to Leroy Pond Drive).** (\$2.6 Million) This project will provide 4 travel lanes, with turning lanes at MLK and at Leroy Pond, and a new signal at Leroy Pond. Sidewalks will be provided on both sides. This project has had a \$1 million allocation of federal aid funding for several years, and recently has been approved for additional federal aid funding through the STP-A program, thereby closing a funding gap for the \$2.6 million project and allowing it to move forward. Members of City staff are working with UA staff on a cost share arrangement for the required 20% matching funds. The City Council committed to partnering on this project in 2003, when the original \$1 million in federal funding was made available.

HOUSES AT WILLOW BEND PROJECT

The Houses at Willow Bend is an affordable housing project that is being developed by Partners for Better Housing, a local non-profit organization dedicated to providing affordable housing in Fayetteville. The City has worked with this group to secure design funding through the Home Depot Foundation. The Street Committee heard a presentation and a request for cost sharing from Partners for Better Housing. Participation by the City in the cost of the street and drainage infrastructure in the development would make houses that will be constructed more affordable. There were some concerns raised by the City Attorney regarding use of Transportation Bond Funds for this project; therefore, the Committee deferred approval of funding at this time, pending further information on funding sources and other details regarding the development of an agreement with Partners for Better Housing for cost sharing on the Willow Bend Project

NEXT STEPS

Approval of these projects by the City Council will allow staff will begin programming the projects, to include finalizing the work scopes and cost estimates, selecting engineering consultants, developing agreements with the AHTD and other agencies for the federal aid funding, and other preliminary project tasks necessary to move forward with the projects.

RESOLUTION NO. _____

**A RESOLUTION APPROVING A LIST OF ADDITIONAL PROJECTS TO BE
FUNDED BY THE CITY'S TRANSPORTATION BOND PROGRAM**

**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF
FAYETTEVILLE, ARKANSAS:**

Section 1: That the City Council of the City of Fayetteville, Arkansas hereby approves the list of additional projects for addition to the City's Transportation Bond Program as delineated in the staff memorandum, attached as Exhibit "A".

PASSED and APPROVED this 16th day of April, 2013.

APPROVED:

ATTEST:

By: _____
LIONELD JORDAN, Mayor

By: _____
SONDRA E. SMITH, City Clerk/Treasurer

Transportation Bond Program

City of Fayetteville, Arkansas

Funded Projects - \$51,275,615

- Current Project - \$54,619,615 Total
- Current Projects Within Area

Additional Projects

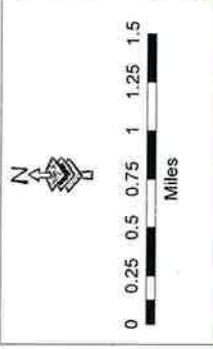
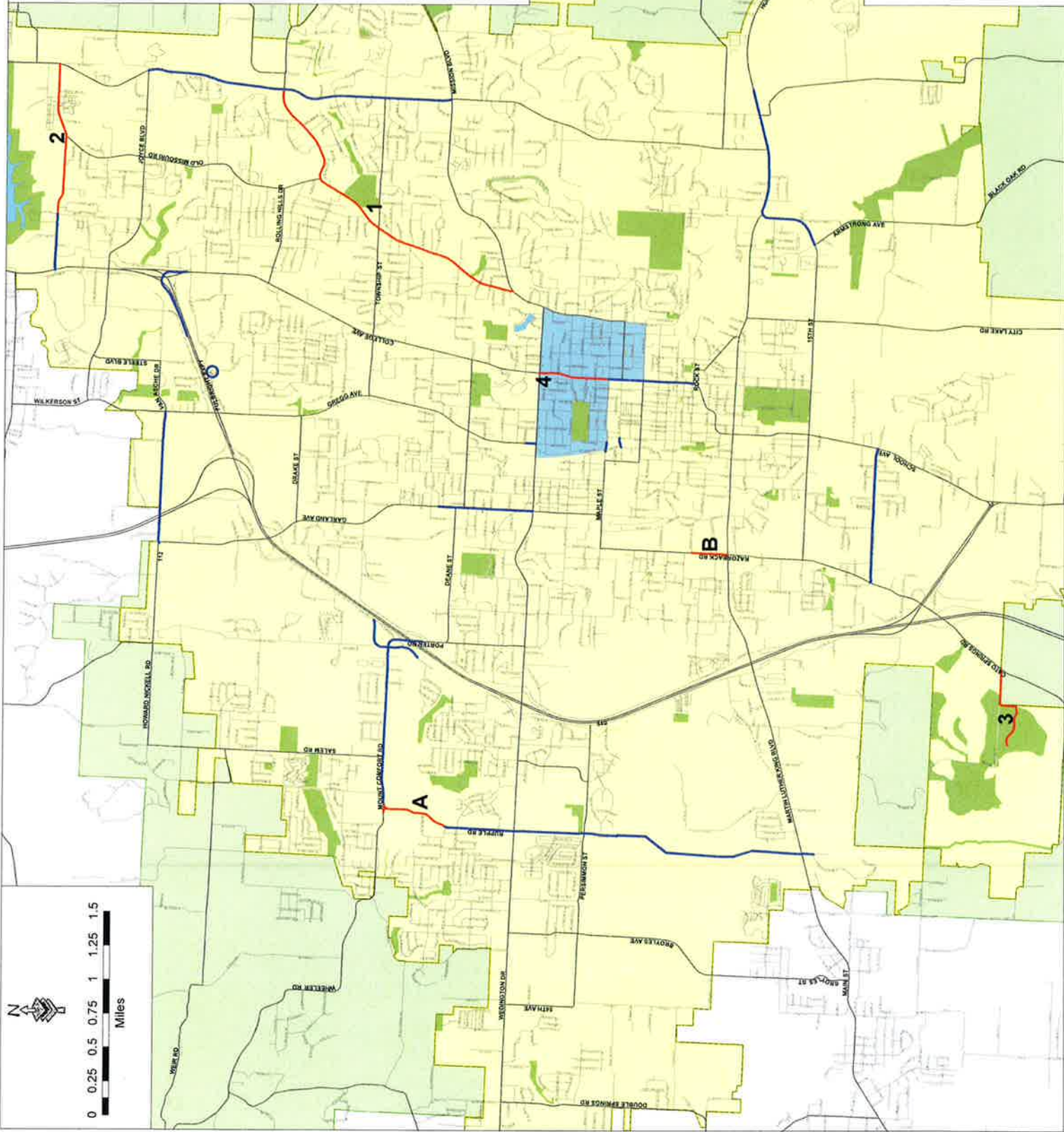
- 1 Old Wire Road
- 2 Zion Road
- 3 Regional Park Access
- 4 College Avenue - Maple to North

2013 STP-A Projects

- A Ruppel Road
- B Razorback Road

Legend

- Street (Major)
- Street
- Lake
- Park
- Fayetteville City Limits
- Planning Area



**Attachment 1
 Transportation Improvement Plan
 Summary of Original and Current Project Estimates-February 2013**

| PROJECT NAME | TYPE WORK PROPOSED | Current Values | | | Estimated Difference Original-Current | STATUS/ CONST. DATE | |
|---|--------------------------------------|------------------------|---|---------------------|---------------------------------------|---------------------|----------------------|
| | | Estimated Project Cost | Other Funding | | | | Cost to Bond Program |
| | | | Sales Tax CIP | State/Federal | | | |
| Wilson Park Area/Washington-Willow | Traffic Calming and Gregg/North Int. | \$910,186 | | | \$910,186 | \$529,814 | COMPLETE |
| Zion Road Ph. I (N. College to Vanta) | Widening - 2/3 Lane Minor Arterial | \$2,274,560 | | | \$2,274,560 | \$265,440 | COMPLETE |
| College Avenue Phase I (Rock to Maple) | | \$1,840,897 | | | \$1,840,897 | -\$100,897 | COMPLETE |
| Mount Comfort Road Improvements | Widening - Minor Arterial | \$10,604,000 | \$382,500 | | \$10,221,500 | \$191,500 | COMPLETE |
| Cato Springs (Tech. Corridor) (S. Sch) | Widening - Collector | \$6,014,072 | \$440,259 | \$2,879,679 | \$2,344,134 | \$0 | UNDER CONST. |
| Crossover (Mission to City Limits) | Widening - 5 Lane Principal Arterial | \$22,583,728 | | \$12,073,864 | \$6,509,864 | \$1,190,136 | UNDER CONST. |
| Fayetteville Expressway Economic C | Access Improvements | \$10,375,475 | | \$8,099,101 | \$2,276,374 | -\$361,412 | |
| a. Roundabout at North Hills and Fut | Intersection Improvements | \$2,575,475 | Included in Fayetteville Expressway Economic Dev. Corridor Budget | | | | UNDER CONST. |
| b. Hwy 71B Flyover Project | New On Ramp to FB Expwy | \$7,800,000 | | | | | CONST. 2012 |
| Highway 16 (Armstrong to Stonebridg | Widening - Minor Arterial | \$11,766,000 | \$90,000 | \$5,200,000 | \$5,576,000 | -\$776,000 | CONST. 2012 |
| Garland (North to Melmar) | Widening - 5 Lane Principal Arterial | \$8,135,112 | \$352,500 | \$1,950,000 | \$4,000,000 | \$1,195,000 | CONST. 2012 |
| Maple/Lafayette Street Bridges | Maple/Lafayette Bridges/Other | \$1,400,000 | | \$1,000,000 | \$400,000 | \$2,437,000 | CONST. 2014 |
| Garland (Shiloh to Howard Nickell) | Widening - 5 Lane Principal Arterial | \$0 | | \$0 | \$0 | \$3,494,000 | ON HOLD |
| Rupple Road (6th to Wedington) | New - Minor Arterial | \$10,000,000 | | | \$10,000,000 | -\$1,845,000 | CONST 2014 |
| Van Asche Extension/Widening | | \$4,560,000 | | | \$4,560,000 | -\$4,560,000 | CONST. 2014 |
| Right of Way Acquisition/Cost Sharing | | \$212,100 | | | \$212,100 | \$8,587,900 | N/A |
| Non-Project Expenses | | \$150,000 | | | \$150,000 | -\$150,000 | N/A |
| Unallocated Project Funds/Interest Income | | | | | \$0 | \$5,474,168 | N/A |
| TOTALS | | \$90,826,130 | \$1,265,259 | \$31,202,644 | \$51,275,615 | \$15,571,649 | |

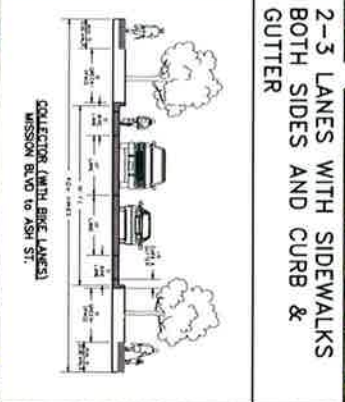
Notes: Green Shaded Projects will be funded by Phase 3 of the Bond Program.



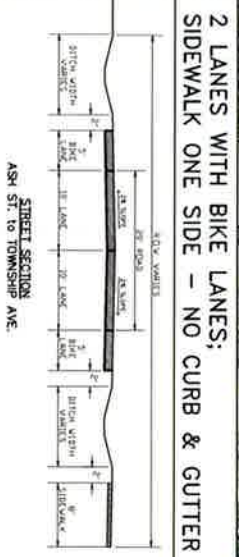
INTERSECTION IMPROVEMENTS
 BY AHTD—CONSTRUCTION TO
 BEGIN IN 2013

8 FT. SIDEWALK
 EAST SIDE NORTH
 TO STANTON

FUTURE
 MULTI-USE
 TRAIL



2-3 LANES WITH SIDEWALKS
 BOTH SIDES AND CURB &
 GUTTER



2 LANES WITH BIKE LANES;
 SIDEWALK ONE SIDE - NO CURB & GUTTER

ADD RIGHT TURN LANE
 ON SOUTHBOUND
 OLD WIRE RD

SHARROWS AND BIKE
 SIGNAGE TO ROLLING
 HILLS DRIVE

FUTURE
 MULTI-USE
 TRAIL

OLD WIRE ROAD IMPROVEMENTS
 MISSION BLVD to CROSSOVER ROAD
 CONCEPT PLAT—PAGE 1

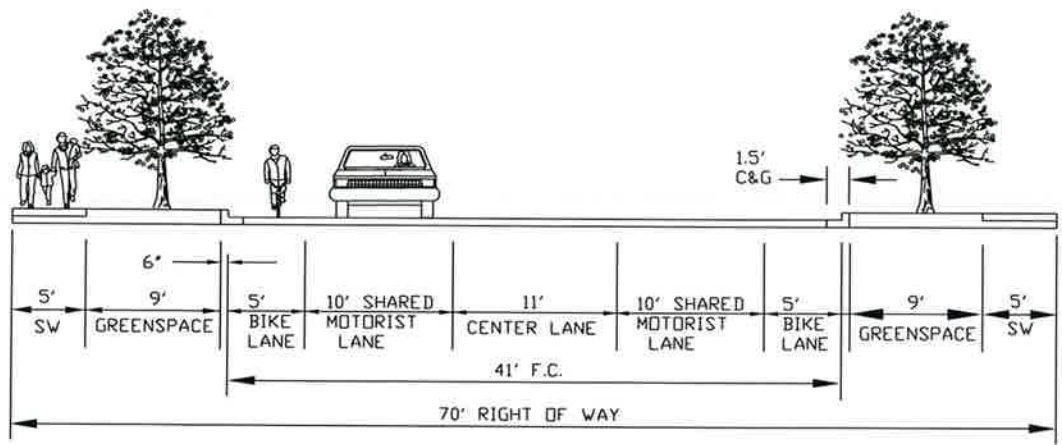
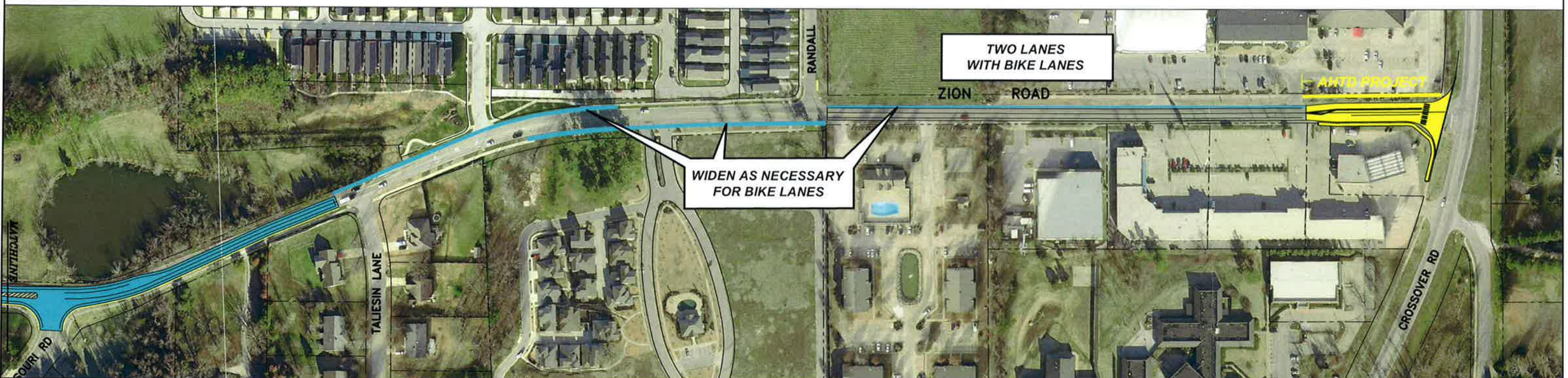


ROUNDAABOUT AT
OLD MISSOURI RD.
& OLD WIRE RD.
INTERSECTION

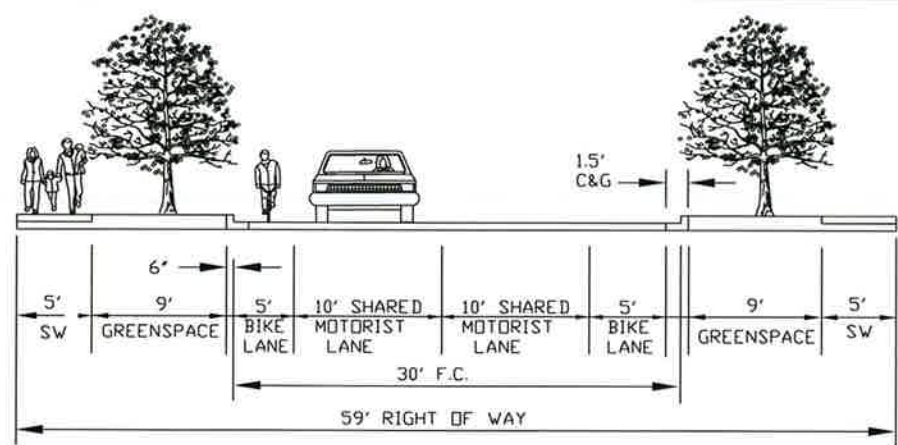
SIDEWALK
CONNECTIONS

FUTURE
MULTI-USE
TRAIL

OLD WIRE ROAD IMPROVEMENTS
MISSION BLVD to CROSSOVER ROAD
CONCEPT PLAT-PAGE 2



COLLECTOR (INTERSECTION)



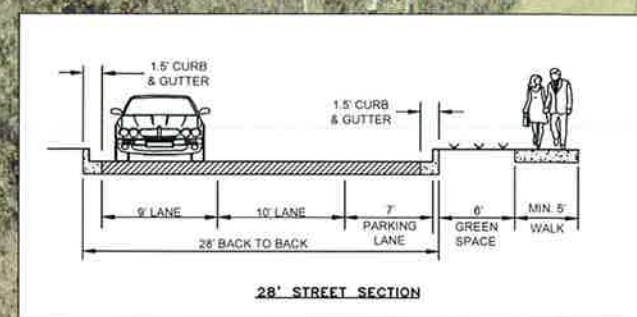
COLLECTOR (THROUGH)

Project Summary

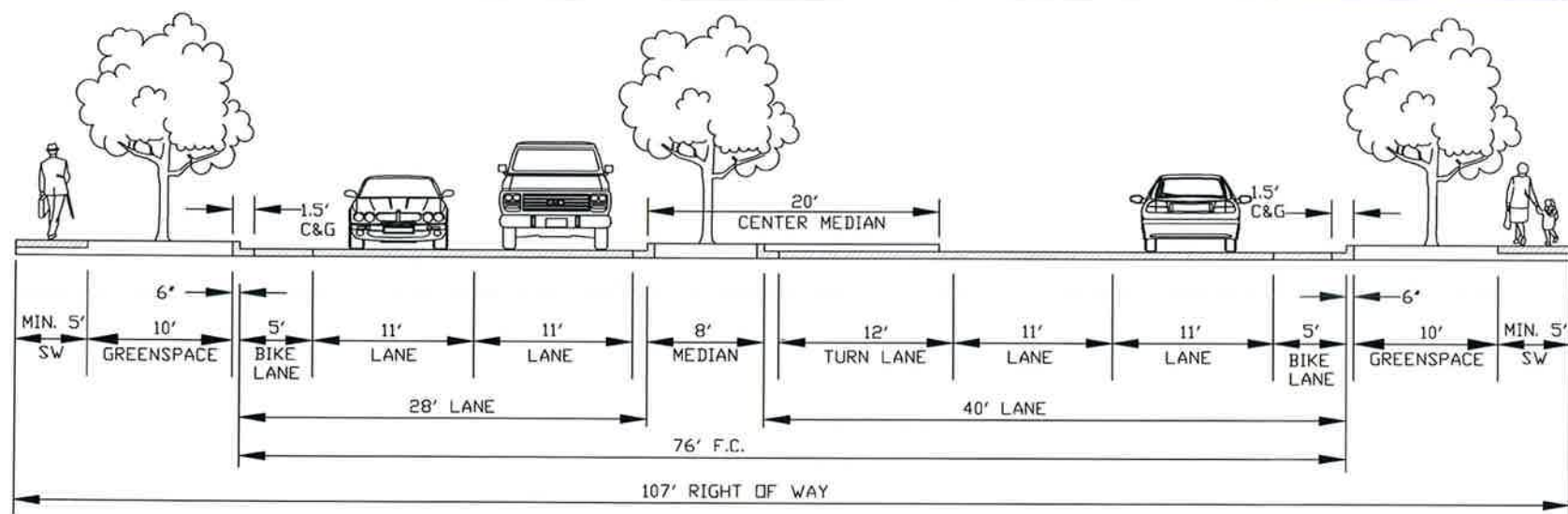
- Future project to be constructed when funding is available.



NOTE: FIELD LAYOUT IS PER CURRENT MASTER PLAN AND IS SUBJECT TO CHANGE. FIELD LAYOUTS ARE SHOWN FOR REFERENCE ONLY



REGIONAL PARK ACCESS ROAD AT CATO SPRINGS ROAD CONCEPT PLAT



PRINCIPAL ARTERIAL PARKWAY

Project Summary

– Future project to be constructed as funding allows.

⑬ RUPPLE ROAD IMPROVEMENTS
 STARRY NIGHT VIEW TO MT COMFORT RD
 CONCEPT PLAT

