Hernando
MISSISSIPPI

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

BICYCLE & PEDESTRIAN MASTER PLAN

ADOPTED JUNE 18, 2019

Photo by Thomas R. Machnitzki

NEEL-SCHAFFER
Solutions you can build upon

BICYCLE & PEDESTRIAN MASTER PLAN

ACKNOWLEDGEMENTS

OWNER City of Hernando

Tom Ferguson, Mayor

W.I. “Doc” Harris, Jr., Alderman At Large

Sonny Bryant, Ward 1

Andrew Miller, Ward 2

Gary Higdon, Ward 3

Michael McLendon, Ward 4

Cathy Brooks, Ward 5

Jeff Hobbs, Ward 5

MEMPHIS MPO Prigati Srivastava

Zylvian Watley

FUNDING PARTNER Mississippi Department of Transportation

STAKEHOLDERS

Evans Anderson	Randy Martin
Nancy Anderson	Bo McAninch
Becky Beard	Shawn McKinney
Derick Biglane	Vickey McLendon
Bill Brown	Denise McOwen
Ivory Craig	Andrew Miller
Jeremy Davies	Henry Minor
Leigh Davies	Katherine Nelson
Christine Doyle	Jerry Pitts
Denise Edwards	Jesse Pool
Jerry Edwards	Ellen Self
Barbara Evans	Dr. Desh Sidhu
Keith Hawkins	Carol Smith
Renee Hobbs	Meredith Wickham
Heath Hopkins	Cynthia Wills
Kelly MacLain	Becky Wolf

The City of Hernando would like to thank the Mississippi Department of Transportation for funding support, DeSoto County for data support, and all of our wonderful stakeholders who committed their time, talent and knowledge to share their vision for future bicycle and pedestrian improvements in the City of Hernando.

PLANNING CONSULTANT Neel-Schaffer, Inc.

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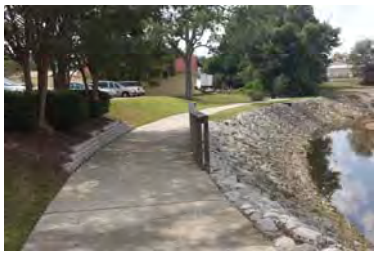
INTRODUCTION & SUMMARY

In the fall of 2018, the City of Hernando began the process of creating a city-wide Bicycle and Pedestrian Master Plan.

This plan serves as a document that represents the City of Hernando's commitment to provide safe and affordable mobility, as well as promoting active lifestyles for its residents and visitors.

The value of a Bicycle and Pedestrian Master Plan is immeasurable. Walking and biking help improve health and fitness, improve the sustainability and livability of a city, enhance environmental conditions, decrease traffic congestion, and contribute to a greater sense of community. Walking and biking also create a more affordable option of transportation for residents. Studies have shown that nearly 40% of daily trips in a motorized vehicle are less than two (2) miles. Based on this statistic, there is real potential to reduce reliance on vehicular forms of transportation and thus, reduce the negative consequences of vehicular transportation such as traffic congestion, vehicular operating costs, air pollution, and stress.

The goal of this plan is to identify ways to expand current bicycle and pedestrian infrastructure and to make the City more navigable. The plan successfully achieves this goal through the provision of several key components. Previous studies and planning efforts were analyzed and documented within the plan. Community input was gathered through the formation of a Stakeholder Group. This input, along with a thorough investigation of the existing nodes of activity, opportunities, constraints and bicycle and pedestrian infrastructure, provided the inventory and analysis portion of the plan. A comprehensive bicycle and pedestrian network plan was developed with visual exhibits to provide graphical support. Phasing and budget plans were developed to provide a guide for the City's implementation of the plan.



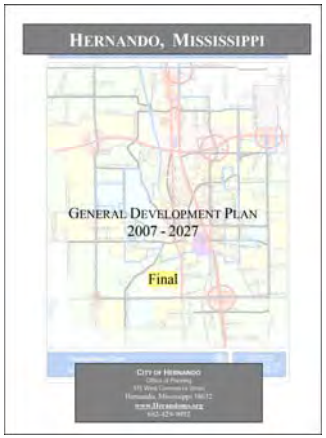
EVALUATION OF PRIOR PLANNING DOCUMENTS

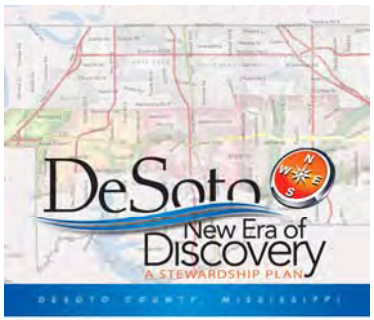
There are several prior planning efforts that have provided valuable background and design assistance for the proposed bicycle and pedestrian infrastructure for the City of Hernando.

Each of the prior planning documents have been evaluated to collect relevant information to provide insight and direction for city-wide bicycle and pedestrian improvements, as well as, connections to existing or future bicycle and pedestrian infrastructure within the surrounding area.

The following documents are summarized to provide pertinent information related to the development of this master plan.

1. City of Hernando General Development Plan 2007-2027 (2007)
2. DeSoto County Greenway Master Plan (2011)
3. DeSoto: New Era of Discovery, A Stewardship Plan (2013)
4. Memphis MPO Regional Bicycle & Pedestrian Plan (2014)





THE DEVELOPMENT FRAMEWORK PLAN

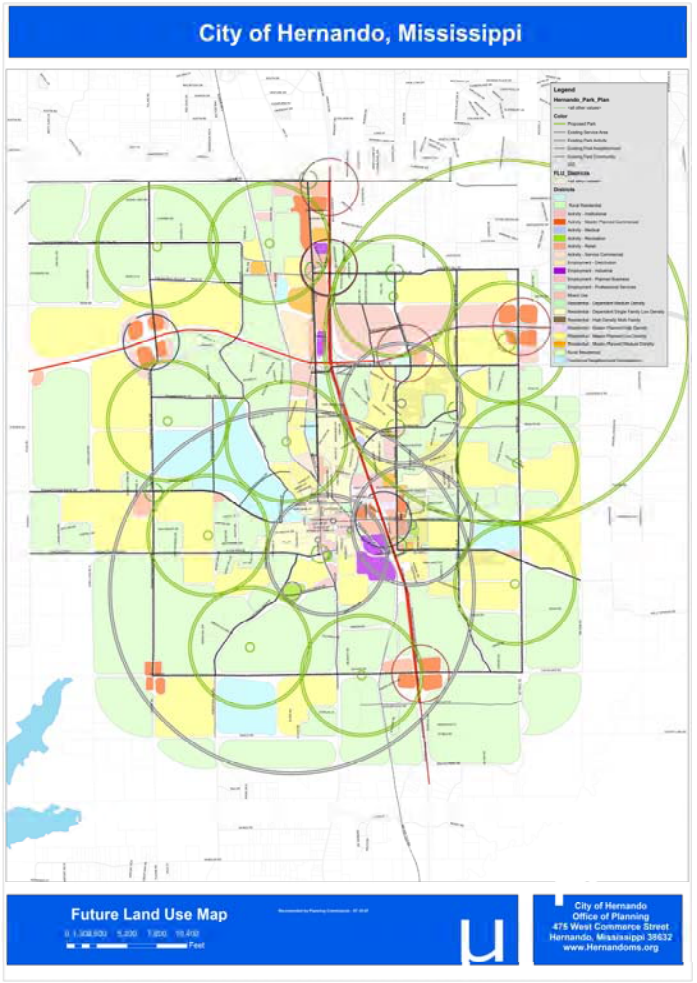
EVALUATION OF PRIOR PLANNING DOCUMENTS

GENERAL DEVELOPMENT PLAN 2007-2027

The City of Hernando General Development Plan 2007-2027 (GDP) was completed in 2009 and serves as the City's Comprehensive Plan. It also represents an update to the City's last major planning effort that was completed in 1993. Specific implementation measures were recommended in addition to setting forth the general plan for development of land use, transportation, and community facilities for Hernando in accordance with the community's goals and objectives. The identified measures are as follows:

1. Establishment of desired future land use patterns in projected growth areas over the next 20 years.
2. Revision of the transportation plan to account for changes required by growth and the anticipated impacts of I69/I269.
3. Revision of the zoning ordinance to include expansion of the historic district, inclusion of a traditional neighborhood. development zone, improved clarity, upgraded definitions, and other changes.
4. Administrative upgrades employing a greater use of digital technology throughout the planning program.
5. Adoption of revised and updated building codes.

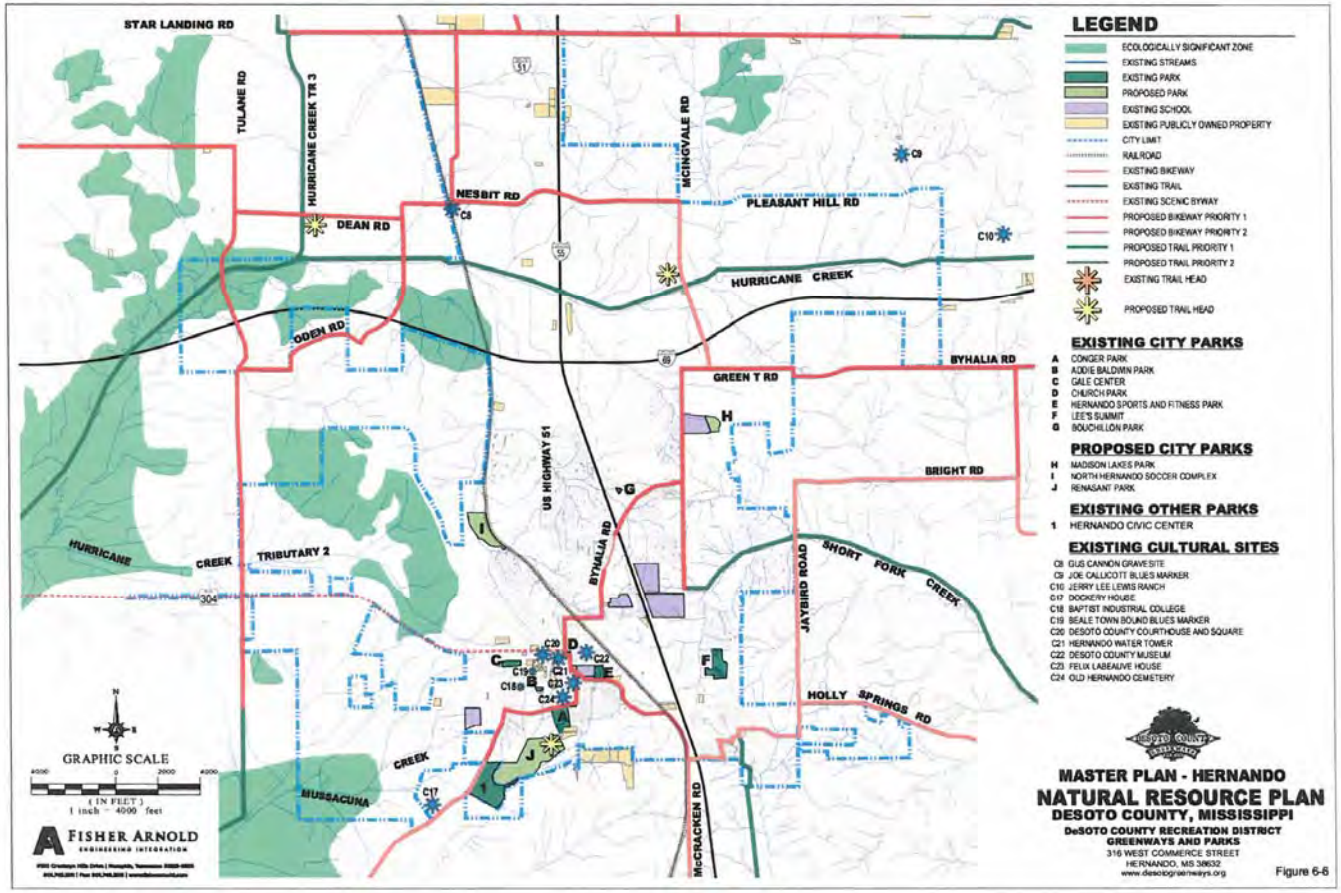
The GDP transportation section includes information related to bicycle and pedestrian improvements such as recommendations for the construction of sidewalks and accommodations for cyclist in the transportation plan. It also includes related recommendations in the Parks and Recreation Facilities section including citizen survey data which includes walking/biking paths as one of three major findings.



EVALUATION OF PRIOR PLANNING DOCUMENTS

DESOTO COUNTY GREENWAY MASTER PLAN & NATURAL RESOURCE PLAN (2010)

The DeSoto County Greenways Program completed a plan for a county-wide greenway system that connects public and private open and green spaces while protecting, restoring, and linking these natural features and their functions in order to achieve a healthy natural environment and ecological diversity. The plan was completed in 2011 by the DeSoto County Economic Council. The program gathered information related to the importance of creating greenways and the economic benefits of outdoor recreation. The plan identified bikeway and trail locations to connect Hernando's existing parks, proposed parks, and cultural sites.



EVALUATION OF PRIOR PLANNING DOCUMENTS

DESOTO: NEW ERA OF DISCOVERY, DEVELOPMENT FRAMEWORK PLAN OF A STEWARDSHIP PLAN

The Development Framework Plan makes recommendations for targeted development within four sectors of DeSoto County. The recommendations serve as a framework for which the county can evaluate development proposals and determine the suitability of a given proposal within a sector. The Development Framework Plan provides predictability to land owners and developers regarding what kinds of development would be suitable. The plan helps prioritize investment of public resources in a fiscally responsible manner, including bicycle and pedestrian corridors.

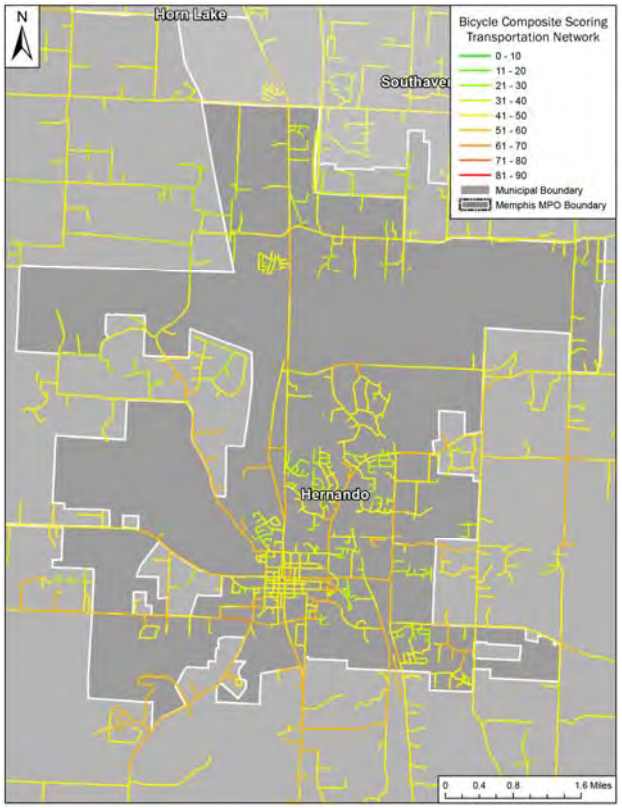
The plan makes relevant infrastructure, public health, safety, and welfare recommendations within the I55/Hernando corridor including complete street design and implementation of Greenway and Trail Plans to facilitate multi-modal transportation availability.

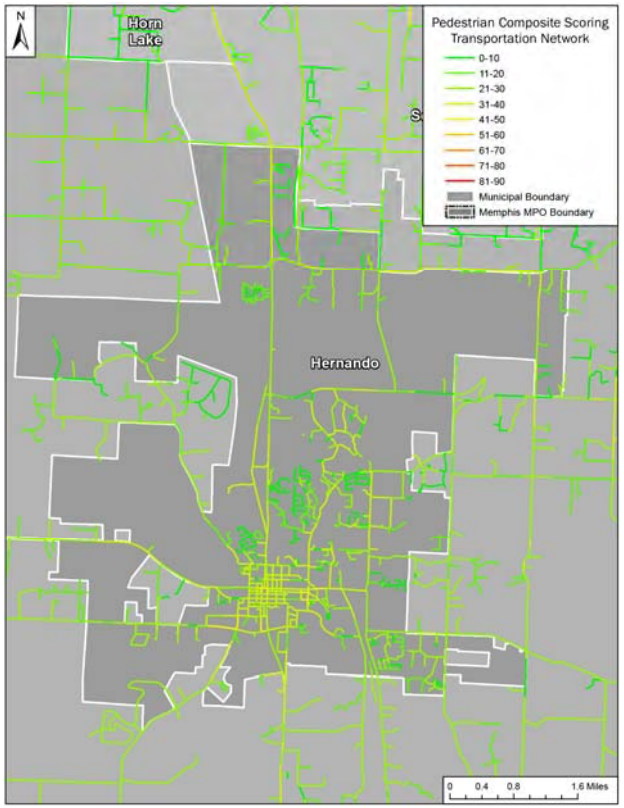
Map 4: Hernando/I-55 Sector Plan

EVALUATION OF PRIOR PLANNING DOCUMENTS

MEMPHIS MPO REGIONAL BICYCLE AND PEDESTRIAN PLAN

The Memphis Metropolitan Planning Organization (MPO) Regional Bicycle and Pedestrian Plan reviewed the Memphis area and identified opportunities for encouraging and enhancing bicycle and pedestrian travel. The plan was completed in 2014 and includes Jurisdictional Reports for each municipality within the MPO Region. The Jurisdictional Report specific to Hernando includes the following recommendations. 1) Ensure that bicycle and pedestrian safety education is a routine part of public education. 2) Institute policies to increase the number and visibility of cyclists and pedestrians on collector and arterial streets. 3) Create and adopt a local comprehensive bicycle and pedestrian plan and close gaps in the bicycle and pedestrian network. 4) Expand encouragement efforts, particularly during the month of May, which is widely recognized around the country as “Bicycle Month” and the month of October, which is “Walk Month”. The plan also ranks bicycle and pedestrian projects as shown in the exhibits below.





INVENTORY & ANALYSIS OF EXISTING CONDITIONS

As with all planning and development endeavors, success begins with maximizing available opportunities and understanding constraints to avoid.

The Inventory and Analysis portion of this plan is based on a thorough investigation of Hernando's existing bicycle and pedestrian infrastructure, transportation corridors, riparian zones, available property, and activity nodes.

The City of Hernando has implemented several bicycle and pedestrian infrastructure improvement projects within the last several years including bike lanes on N Parkway Street, Mount Pleasant Road, E Robinson Street, Riley Street, Northwood Hills Drive, and McIngvale Road. There has also been investment into multi-use pathways in several parks (Pidgeon, Conger, Sports & Fitness, and Lee's Summit) and the new linear park along McIngvale Road.

The City of Hernando has many activity nodes such as public buildings, schools, parks, vibrant downtown, retail centers, and event centers. Activity nodes are important anchors for bicycle and pedestrian infrastructure, just as they are for vehicular infrastructure.

All data that has been gathered throughout the planning process has been illustrated on the following pages through an Activity Nodes Diagram, Opportunity and Constraints Diagram, photographs, and supporting narratives.

INVENTORY & ANALYSIS OF EXISTING CONDITIONS

VICINITY MAP

The City of Hernando has an estimated population of 16,000 and a size of approximately 25.9 square miles. As illustrated in the four (4) exhibits on this sheet, the City is mostly within a 5 mile radius of key locations (downtown square (Figure 1), soccer complex (Figure 2), Hernando Hills Elementary School (Figure 3) and the Nesbit Post Office (Figure 4)). Using average travel times for walking (25 minutes per mile) and cycling (7.5 minutes per mile), the following travel times were determined:

1 Mile Cycling 7.5 minutes*
Walking 25 minutes**

3 Mile Cycling 15 minutes*
Walking 50 minutes**

5 Mile Cycling 22.5 minutes*
Walking 75 minutes**

*Average Speed 8 mph (Wikipedia)
**Average Speed 2.4 mph (Wikipedia)

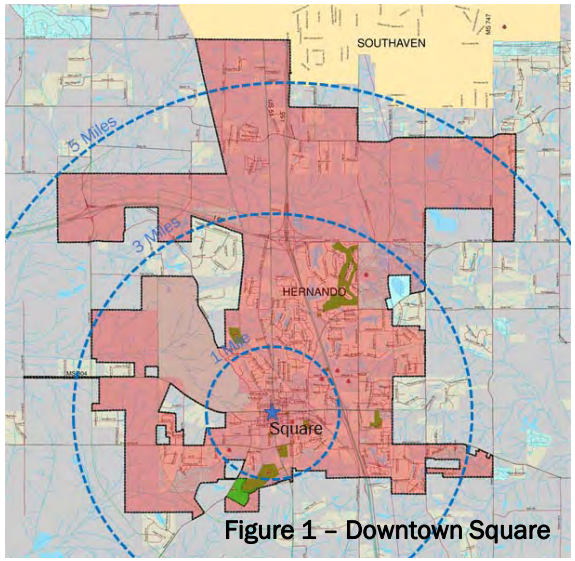


Figure 1 – Downtown Square

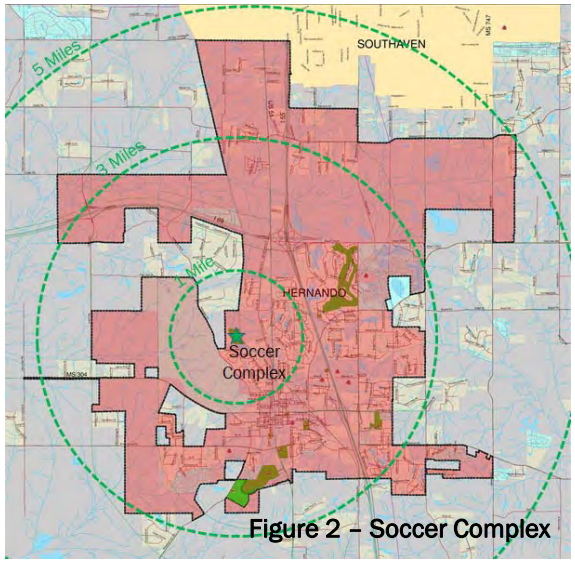


Figure 2 – Soccer Complex

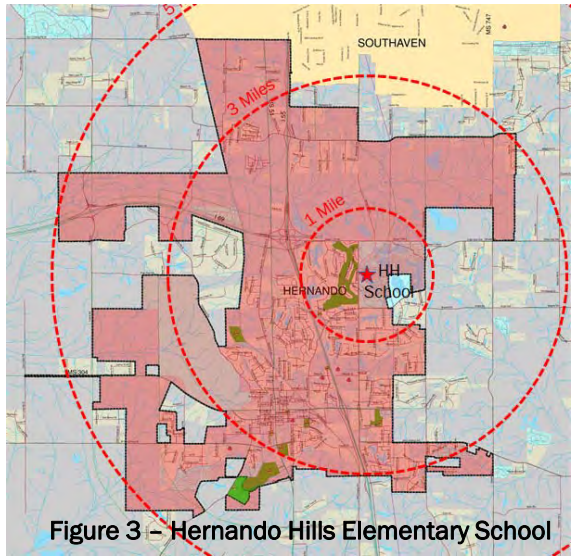


Figure 3 – Hernando Hills Elementary School

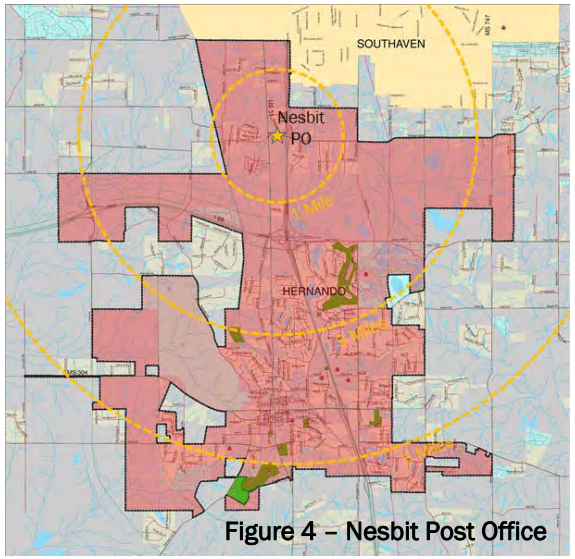


Figure 4 – Nesbit Post Office

INVENTORY & ANALYSIS OF EXISTING CONDITIONS

ACTIVITY NODES DIAGRAM

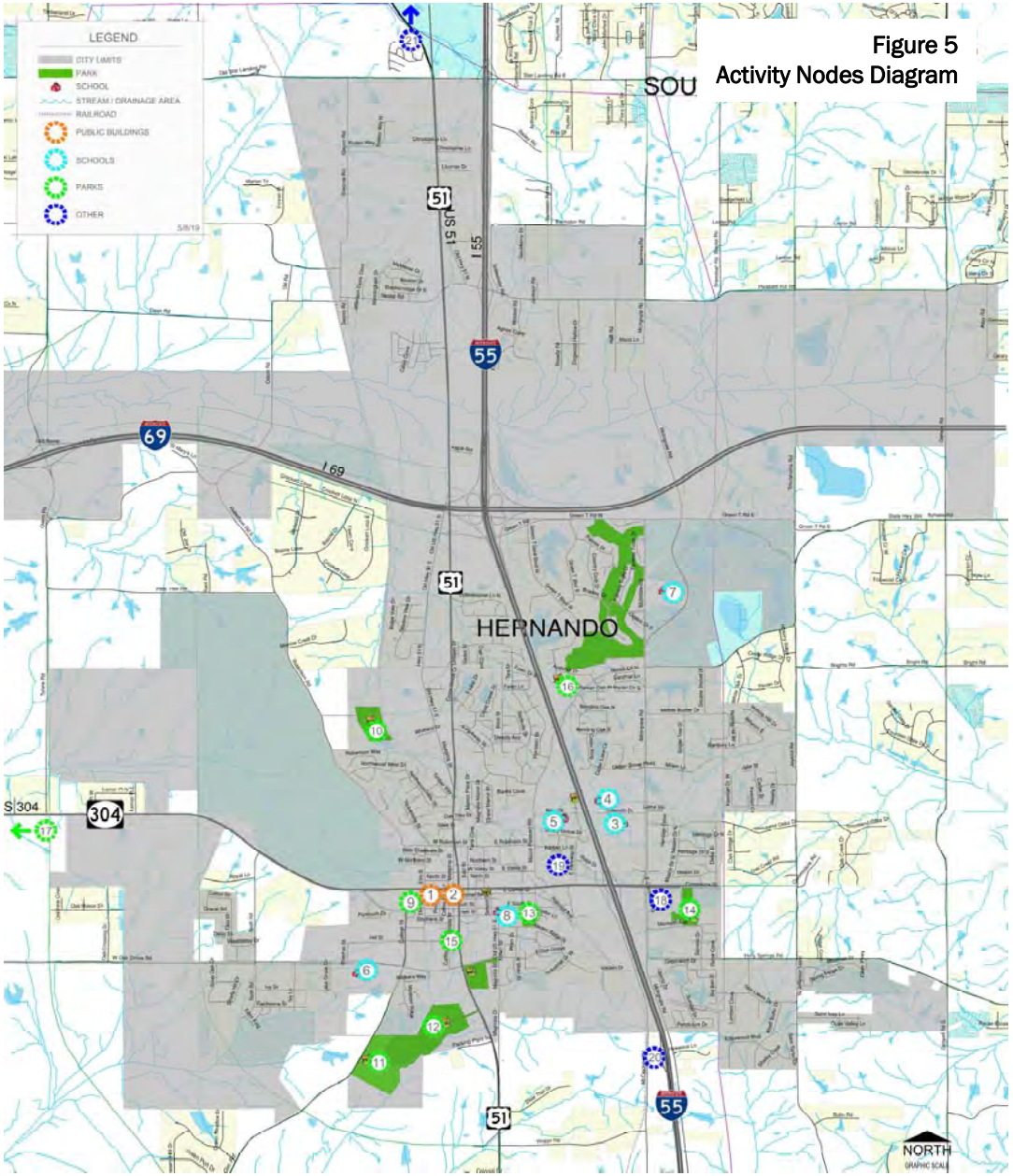


Figure 5
Activity Nodes Diagram

INVENTORY & ANALYSIS OF EXISTING CONDITIONS

ACTIVITY NODES DIAGRAM

Activity nodes are key components of a community and serve as the anchors for public infrastructure such as trails, parks and other greenspace. Activity nodes are the focal points of an area that are magnets for positive activity and development that affect urban form, environmental quality, and the transportation network. The Activity Nodes Diagram (Figure 5) identifies public buildings, schools, parks, and other activity generators as listed below:

<u>Public Buildings</u>

1. City Hall
2. DeSoto County Courthouse

<u>Schools</u>

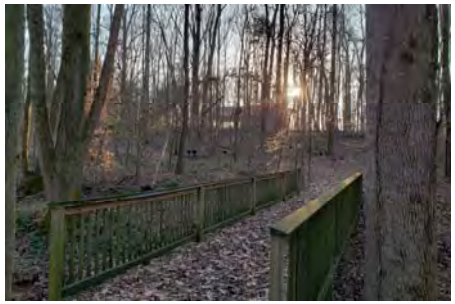
3. Hernando High School
4. Hernando Middle School
5. Hernando Elementary School
6. Oak Grove Central Elementary School
7. Hernando Hills Elementary School
8. DeSoto County School District

<u>Parks</u>

9. Hernando Parks & Recreation Office
10. Soccer Complex
11. Pidgeon Park (diamond sports)
12. Pidgeon Park (pump track and walking trail)
13. Sports & Fitness Park
14. Lee's Summit Park
15. Conger Park
16. Bouchillon Park
17. To Ark Trail

<u>Other</u>

18. Large Retail Center 1 (Walmart Anchor)
19. Large Retail Center 2 (Kroger Anchor)
20. Mississippi / DeSoto County Welcome Center
21. To Landers Center



INVENTORY & ANALYSIS OF EXISTING CONDITIONS

OPPORTUNITIES & CONSTRAINTS DIAGRAM

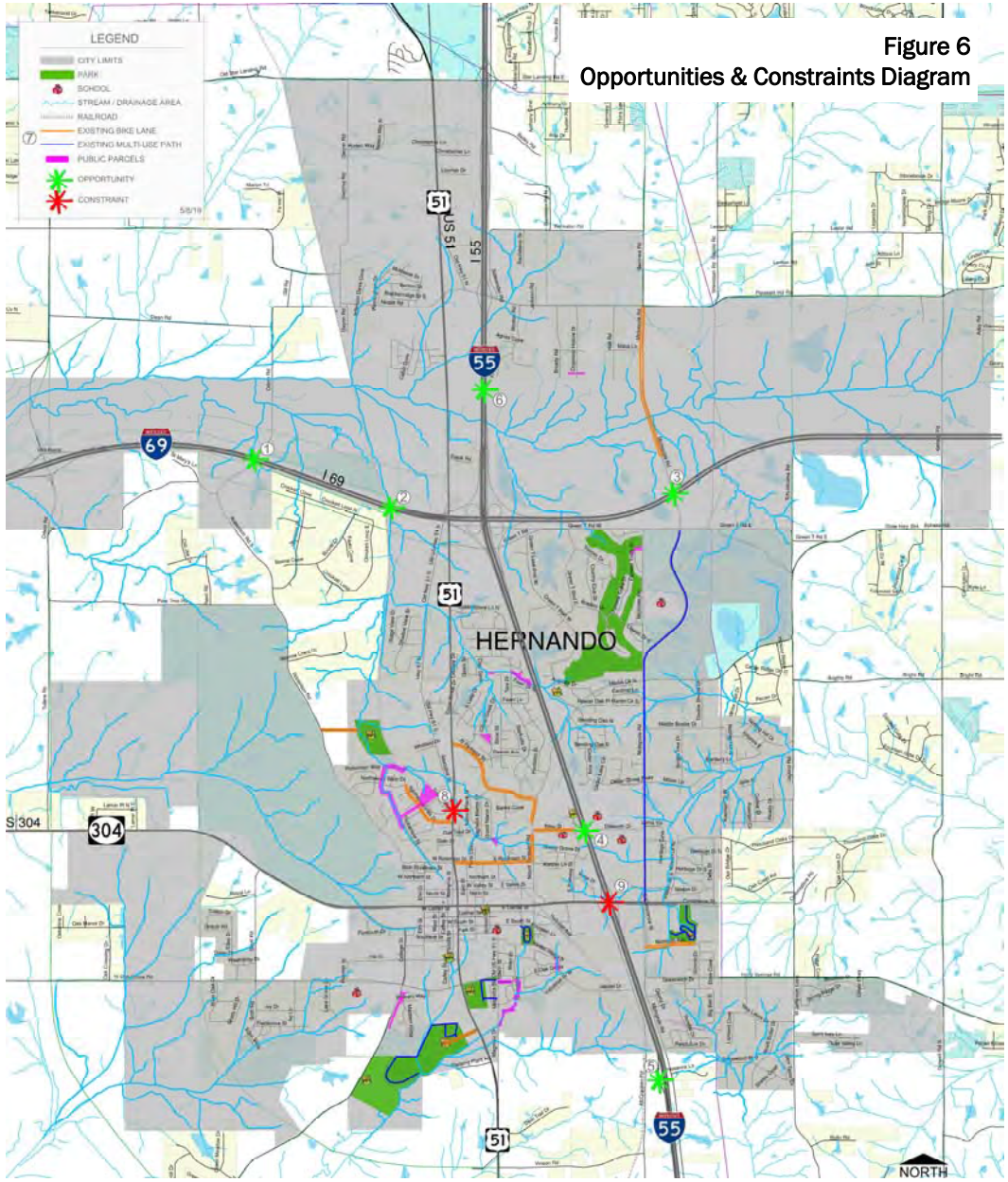


Figure 6
Opportunities & Constraints Diagram

INVENTORY & ANALYSIS OF EXISTING CONDITIONS

OPPORTUNITIES & CONSTRAINTS DIAGRAM

When planning for bicycle and pedestrian infrastructure, many of the guiding factors for the placement of proposed multi-use pathways, greenways, bike lanes, and shared road designations are determined by the framework created by observed opportunities and constraints that exist within the study area. Both opportunities and constraints are the features and elements that can create instant value. Opportunities are the dots that need connecting to create the finished product. The following opportunities and constraints have been identified within the project area.

The City of Hernando's existing bike lanes and multi-use pathways shown on the Opportunities & Constraints (OC) Diagram (Figure 6) offer immediate opportunities for bicycle and pedestrian infrastructure expansion. The City's parks and the DeSoto County Schools shown on both the Activity Node and OC Diagrams are also immediate opportunities for connection and bicycle/pedestrian trip generation. The City's riparian (stream/drainage) areas are shown and represent possible greenway routes that offer a variety of connection points to residential, commercial, and public land uses. Public parcels are also identified on the OC Diagram and offer potential gateway or rest stop locations.

Opportunities

1. Interstate 69 crossing (under) at Odom Road
2. Interstate 69 crossing (under) at railroad/creek
3. Interstate 69 crossing (over) at McIngvale Road
4. Interstate 55 pedestrian underpass at Riley Street
5. Mississippi Welcome Center
6. Interstate 55 underpass north of Hurricane Creek
7. Existing bicycle and pedestrian infrastructure

Constraints

8. US Highway 51 traffic volumes and crossing (under) railroad
9. Interstate 55 crossing (under) at Commerce Street

SUMMARY OF BICYCLE & PEDESTRIAN GUIDELINES

Safe, convenient, and well-designed facilities are essential to encourage bicycle and pedestrian use. The transportation system within any municipality should recognize and provide a safe network of facilities to safely and efficiently move pedestrians. It is essential to incorporate the needs of cyclists and pedestrians when developing any type of planning and design document on the local level.

The following guidelines were used in the development of the design portion of this plan and are intended to provide basic information on the development of facilities to enhance and encourage safe bicycle and pedestrian travel. They are not intended to be strict guidelines, but are meant to establish sound parameters to influence design decisions and provide for the needs of cyclists and pedestrians.

For more detailed information, the American Association of State Highway and Transportation Officials' (AASHTO) *Guide for the Planning, Design and Operation of Pedestrian Facilities* and *Guide for the Development of Bicycle Facilities* should be referenced. The bulleted points below will provide information related to the three main components required to develop bicycle and pedestrian projects. They are Planning, Design, and Operation and Maintenance.

- The Planning stage for bicycle and pedestrian facilities begins with a consideration of potential users. Although most users will be experienced individuals who are relatively young people, planning must consider users who are less experienced or more challenged at navigating a city, such as elderly, disabled, or young children. Throughout the planning and design process, a wide range of pedestrian's needs must be considered. This is the first step in creating a bicycle and pedestrian friendly system.
- A consideration of all facility types is the next step. Facilities for cyclists can consist of a shared roadway, signed shared roadway, bicycle lane, or a shared use path. Pedestrian facilities can consist of sidewalks, shared use paths, bus stops, and crosswalks. Spatial considerations depend on expected volume of users, and is one essential planning component for pedestrians. The other component is mobility issues, which encompasses planning for the safe use of pedestrian facilities for users with ambulatory impairments, wheelchair users, or scooter users.
- Comprehensive planning is an ongoing design process and should consider the various users, existing conditions, and goals of the community. It should consist of the design of new bicycle and pedestrian facilities, as well as improvements to the existing network.
- A wide range of facility improvements can enhance or create bicycle and pedestrian transportation. Improvements can be simple and involve minimal design considerations or they can be more extensive where new corridors are created. A pragmatic approach involving phasing of facilities is needed to ensure the improvements are successful. Design guidelines are provided for sidewalks, shared use paths and intersections/crossings.

SUMMARY OF BICYCLE & PEDESTRIAN GUIDELINES

DESIGN GUIDELINES FOR SIDEWALKS

- Sidewalks benefit both pedestrians and motorists by creating a separation between pedestrian and vehicular travel paths. They can serve a variety of purposes. Sidewalks provide conduits of transportation from parking areas to destinations or from destinations to other destinations. The attributes on this sheet should be considered when planning for a well designed sidewalk.
- A network of sidewalks should be accessible to all users and meet Americans with Disabilities Act (ADA) requirements.
- The width of sidewalks should allow for two people to walk side-by-side and pass a third person comfortably with different walking speeds taken into consideration. In areas of higher pedestrian use, wider sidewalks should be used.
- Sidewalks should be designed to provide a sense of safety and security for users such as proper spacing between the sidewalk and street and proximity to other imposing elements. A network of sidewalks should provide continuity and should not require pedestrians to travel out of their way unnecessarily.
- Sidewalks should be more than areas to accommodate travel and should provide spaces for people to interact. Sidewalks should be contributing attributes of their surroundings through the incorporation of decorative paving or other design elements that complement the surrounding built environment.
- Sidewalks should contribute to the overall character and sense of place of a city.
- Sidewalks should connect to streets and other sidewalks in a safe and convenient manner.
- The minimum width of a sidewalk is four (4) feet.
- Desirable landscape buffers between sidewalk and local streets are two (2) to four (4) feet, and five (5) to six (6) feet between sidewalks and major streets.

SUMMARY OF BICYCLE & PEDESTRIAN GUIDELINES

DESIGN GUIDELINES FOR MULTI-USE PATHWAYS

- Shared use pathways are bikeways that are physically separated from motorized vehicular traffic by an open space or barrier. They can serve a variety of purposes, and are able to accommodate both bicycle and pedestrian movements. Shared use pathways should be thought of as a system of off-road cycling or pedestrian networks that extend and compliment the roadway network.
- Shared use paths should be separated from roadways by at least five (5) feet. If the separation is less than five (5) feet, a physical barrier or railing should be provided between the path and the roadway.
- The appropriate minimum paved width of a shared use path shall be ten (10) feet for areas with a low volume of users. Typically, widths range from ten (10) to fourteen (14) feet with the wider values applicable to areas with high use. An eleven (11) foot pathway is needed to enable a bicyclist to pass another going in the same direction, while another path user is approaching from the opposite direction. In very rare circumstances, a reduced width of eight (8) feet may be used.
- In most cases, there is no need to segregate cyclists and pedestrians on a shared use path, even in areas with higher volume. They can typically coexist, as path users customarily keep right except to pass. On pathways with heavy volume, the use of a centerline stripe can help organize the direction of travel.
- At a minimum, shared use paths should have a two (2) foot shoulder area on each side to provide clearance from lateral obstructions.
- Minimum cross slopes should be one (1%) percent, maximum cross slopes should be two (2%) percent.
- The maximum grade of a shared use pathway should be five (5%) percent.
- Hard, all weather surfaces are generally preferred over those of crushed aggregate, sand, clay, or stabilized earth.
- Intersections at mid-block crossings should be conspicuous to both road users and path users. Sight lines should be maintained, and intersection approaches should be on relatively flat grades. Intersections should also be as close to a right angle as practical. (5-31)

SUMMARY OF BICYCLE & PEDESTRIAN GUIDELINES

DESIGN GUIDELINES FOR ALL BICYCLE & PEDESTRIAN FACILITIES

- All bicycle and pedestrian spaces should accommodate companion amenities such as tree canopy (shade), lighting (nighttime use), emergency call stations (security), covered bike racks, benches, trash receptacles, and landscape elements. These items are essential to create comfortable, secure, and attractive spaces that will create a positive experience for users.
- Establish jurisdictions responsible for the operation, maintenance and policing of bicycle and pedestrian facilities prior to construction.
- Operation and maintenance costs should be considered and included in the overall budget for the facility. Neglecting routine maintenance may eventually render bicycle facilities unusable and such deteriorating facilities may become a liability to the City.
- Cyclists and pedestrians should be encouraged to report facilities that are in need of maintenance.
- A smooth surface, free of potholes and debris, should be provided on all bikeways and sidewalks.
- Debris often accumulates on bike lanes, paved shoulders and shared use paths; therefore, regular sweeping is desirable.
- Pavement edges should be uniform and should not have abrupt drop-offs.
- Inspect signs and pavement markings regularly and keep in good condition, and remove if determined to be no longer necessary.
- Highways with bicycle traffic may require a more frequent and higher level of maintenance than other highways.
- For shared use paths, attention should be given to maintaining the full paved width and not allowing the edges to ravel.
- Trees, shrubs and other vegetation should be controlled to provide adequate clearances and sight distances.
- Trash receptacles should be placed and maintained at convenient locations.
- Seeded and sodded areas in the vicinity of shared use paths should be mowed regularly.
- Enforcement is often necessary to prevent unauthorized motor vehicles from using a shared use path.
- The routine maintenance of roadways and bikeways will usually provide good riding conditions.
- Most of the bicycle facility improvements described in this guide can be implemented during routine maintenance activities.

- Consideration should be given to adjusting lane widths and providing wider outside curb lanes for bicyclists during restriping operations.
- The addition of edge lines can better delineate a shoulder, especially at night.
- When shoulders are resurfaced, a smooth surface suitable for bicycle riding should be considered.

STAKEHOLDER INVOLVEMENT

A Stakeholder Committee (Committee) was created to provide guidance and direction for the development of the Bicycle and Pedestrian Master Plan. The Committee consisted of staff and elected officials from the City of Hernando, Mississippi Department of Transportation (MDOT), and Memphis Metropolitan Planning Organization (MPO), as well as key community members who offered a variety of valuable experience and expertise related to cycling, health/wellness, parks, private development, and other invested business owners.

Stakeholder involvement is a key element of any viable planning effort. The local, specialized knowledge stakeholders provide ensures holistic, comprehensive and feasible solutions to the challenges that exist in both planning and implementation.

An initial information and work session was conducted with the Committee on Wednesday, December 5, 2018, that provided an orientation to the project and process and involved the Committee in a design exercise. The purpose of the first information and work session meeting was to provide an opportunity to meet Committee members and gather input about how the Committee members move around the City, how the Committee members observe others moving around the City, gather input related to potential bicycle and pedestrian routes, prioritize routes and document all other pertinent information on provided materials.

A second meeting with the Committee was held on Tuesday, April 30, 2019, that provided the Committee with an overview of the draft plan. It included a presentation of the highlights from each master plan section and focused on descriptions and cost associated with the individual projects identified and listed within the draft plan. A summary of stakeholder input is provided in Appendix C.

PROPOSED IMPROVEMENTS

A city's character is driven by design. The City of Hernando boasts a beautiful downtown square and vibrant historic neighborhoods.

Design predetermines experiences, interaction, and perception. The placement of bicycle and pedestrian infrastructure, as well as items to support such movements and activities, are strategically placed to be interwoven into the fabric of the City of Hernando.

The improvements shown in this plan are based on input from a variety of stakeholders, observed conditions, and bicycle and pedestrian design standards. The improvements create new pedestrian corridors, improving access to existing and proposed nodes of interaction. They will function as extensions of existing community spaces, foster improved health, and provide more opportunities for personal interface.

Hernando
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OVERALL DIAGRAM OF PROPOSED IMPROVEMENTS

The Overall Diagram (Figure 7 this page and 11x17 next page) illustrates the completed vision for a dynamic system of bicycle and pedestrian improvements within the City of Hernando and surrounding area. The improvements include bicycle lanes, multi-use pathways, greenways, signage and striping (for shared road), and various other support amenities.

The plan includes 22.6 miles of multi-use pathways, 16.0 miles of greenways, 4.8 miles of bicycle lanes (both sides), and 25.3 miles of shared road routes, providing strong connections to public open spaces and other activity nodes.

The proposed improvements provide links to key activity nodes such as downtown, commercial areas, neighborhoods, industry, and the Interstate 55 welcome center.

Many of the activity nodes are prominently known and heavily used public spaces such as the Soccer Complex, Pidgeon Park, and downtown square. Proposed activity nodes will create new sections of pathway through public spaces that will attract users and offer engaging amenities as well as complement and improve the existing bicycle and pedestrian infrastructure.

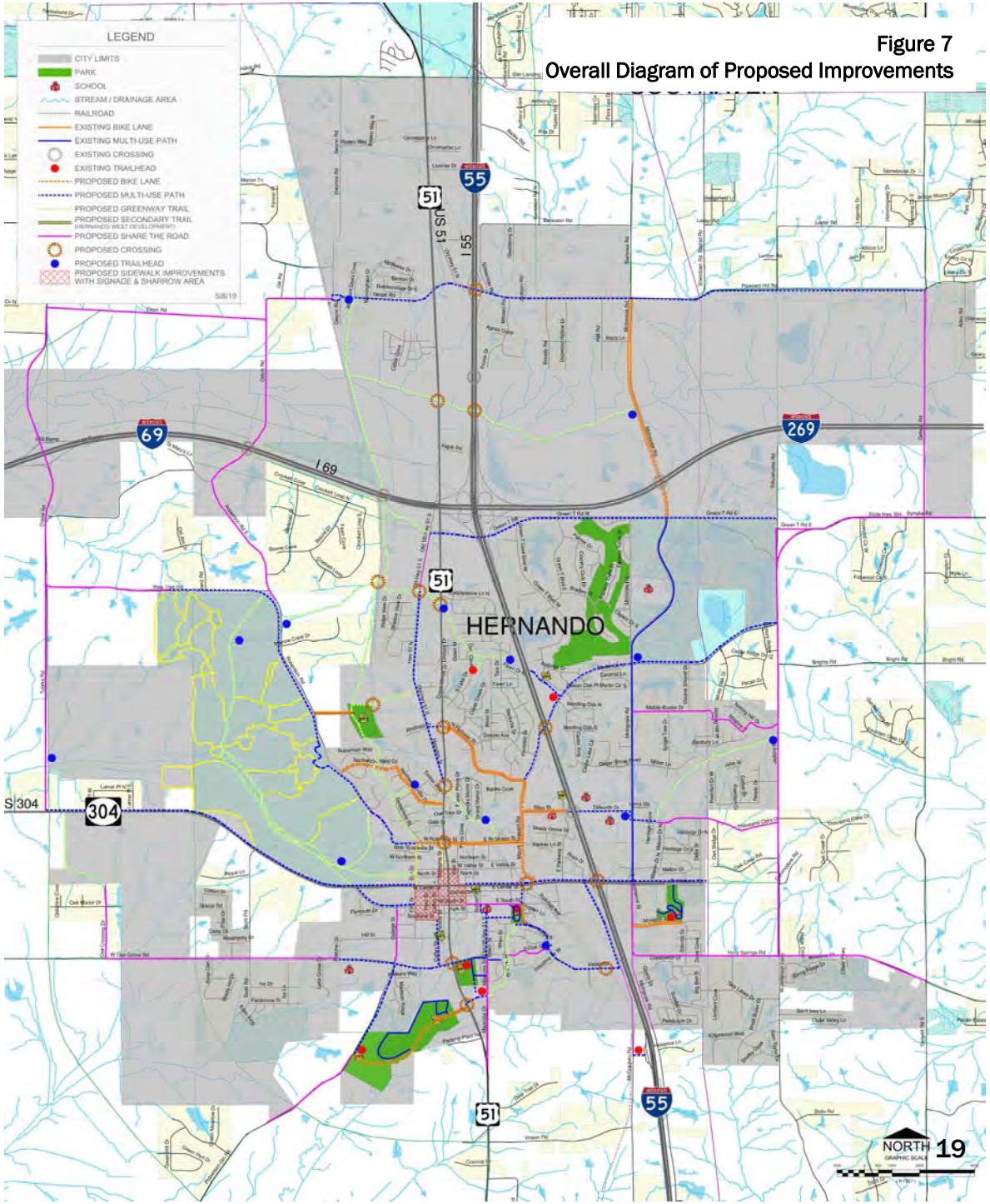
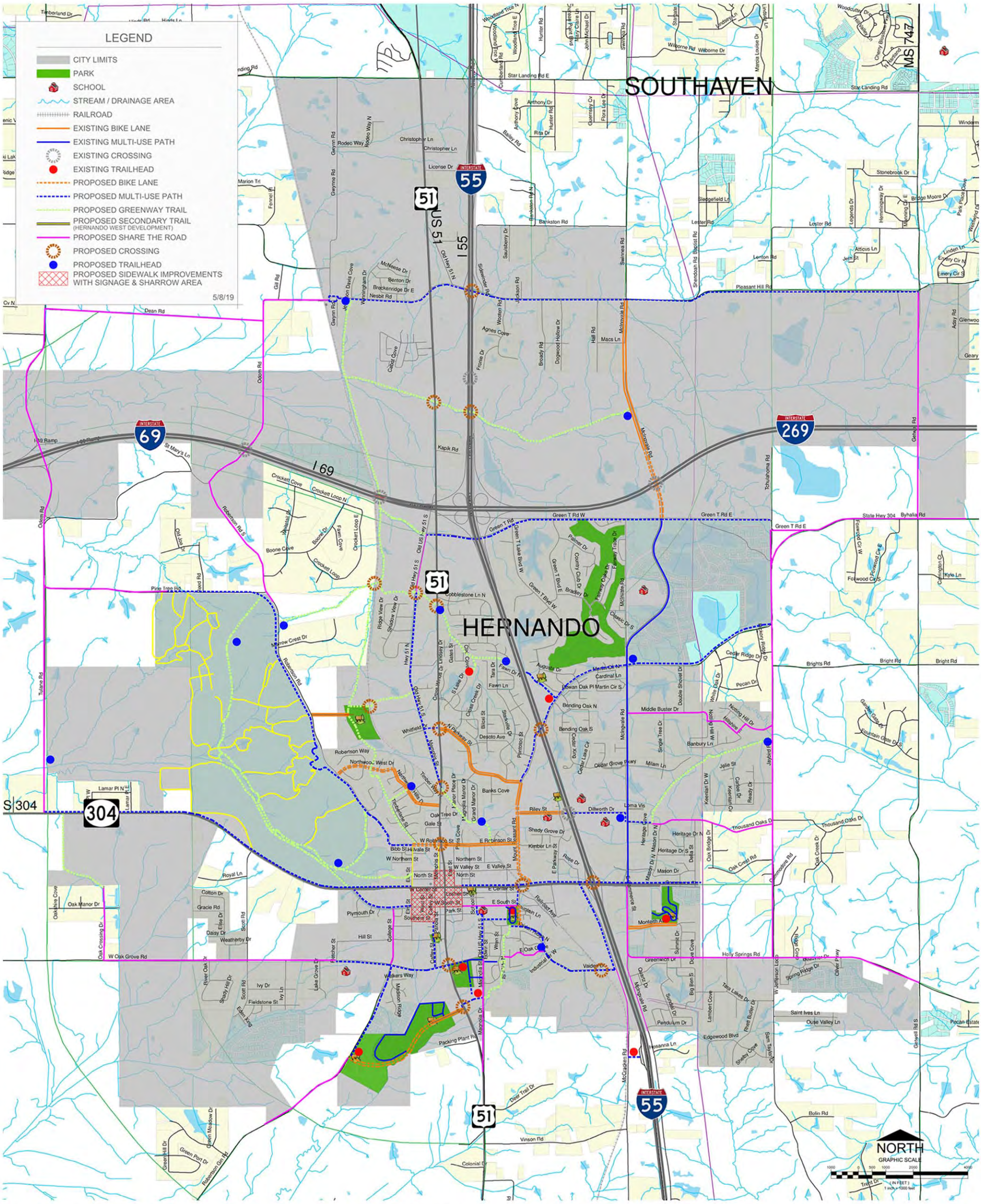


Figure 7
Overall Diagram of Proposed Improvements



OVERALL DIAGRAM OF PROPOSED IMPROVEMENTS

HERNANDO, MS BIKE & PEDESTRIAN MASTER PLAN

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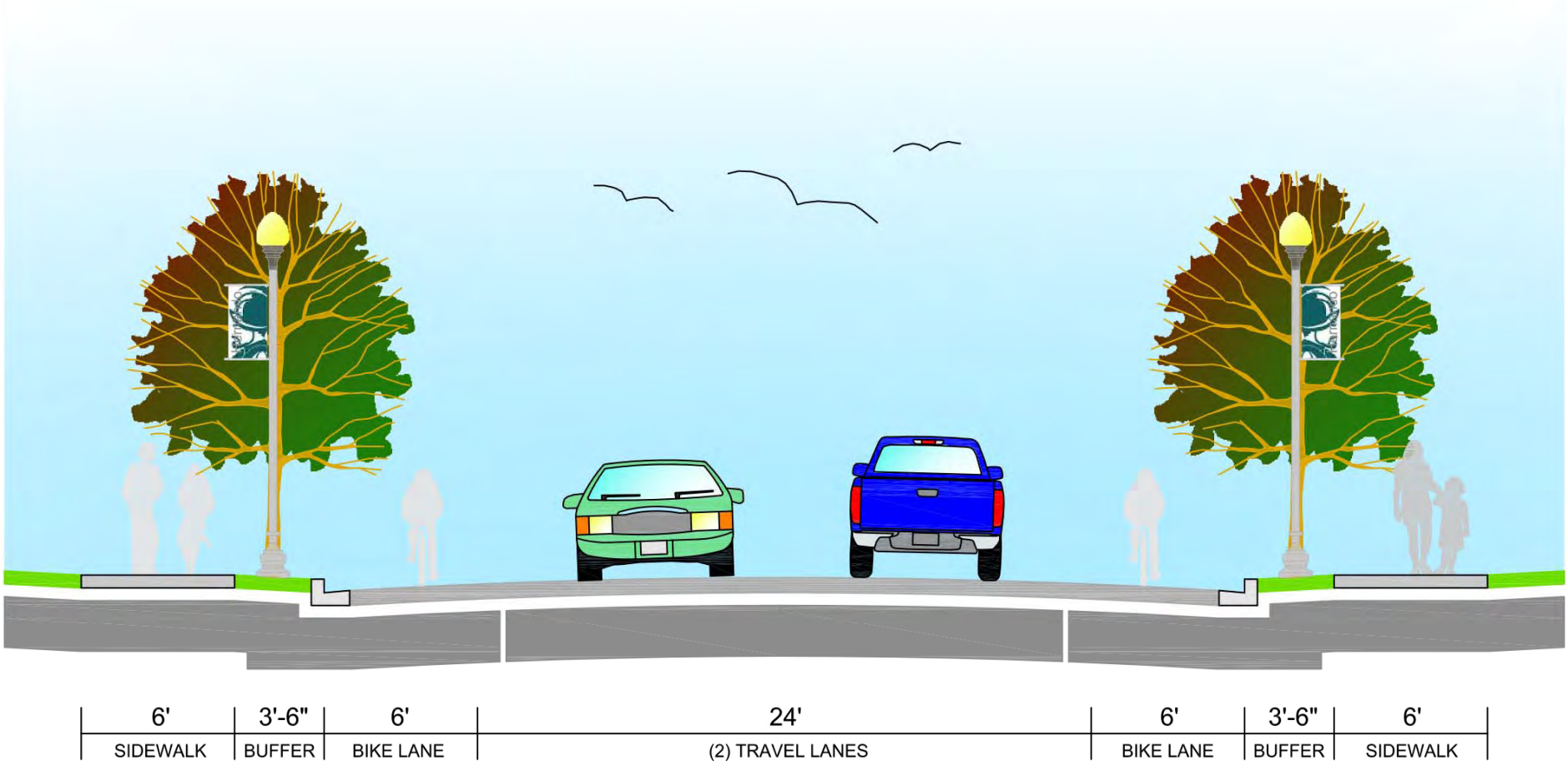
PRINT 11X17 AND REMOVE GRAY HATCHED AREA; CRUNCH AND BIND ALONG REMAINING LEFT MARGIN

Figure 8
Typical bike lane and sidewalk section

The “Typical Street Section” shown on this page illustrates the recommended appropriation of street width to accommodate cyclists (6’ bike lanes – both sides), pedestrians (6’ sidewalks with landscape buffer and curb/gutter – both sides), and vehicles (12’ travel lanes). Other items shown that help to create human scale are lighting with banners and tree planting.



TYPICAL STREET SECTION - BIKE LANE & SIDEWALK

NOT TO SCALE

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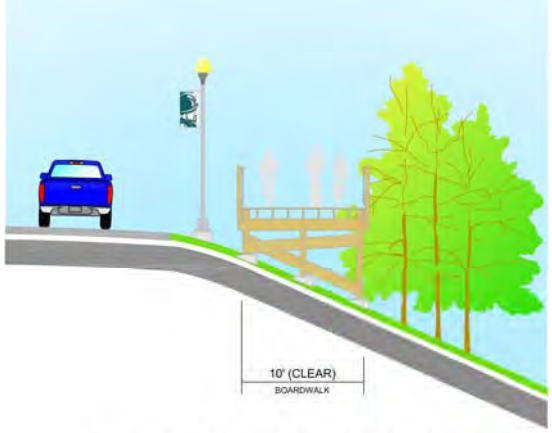
The typical street side multi-use pathway sections shown on this page illustrate the various options for the placement of a multi-use pathway adjacent to a roadway. The preferred alignment is Option 1 (curb/gutter with large landscape buffer), but varying conditions within the right-of-way require other approaches as shown in Options 2-5.

Figure 9
Typical street side multi-use pathway section options

STREETSIDE PATHWAY SECTION - OPTION 1
NOT TO SCALE

STREETSIDE PATHWAY SECTION - OPTION 2
NOT TO SCALE

STREETSIDE PATHWAY SECTION - OPTION 3
NOT TO SCALE



STREETSIDE PATHWAY SECTION - OPTION 4
NOT TO SCALE

STREETSIDE PATHWAY SECTION - OPTION 5
NOT TO SCALE

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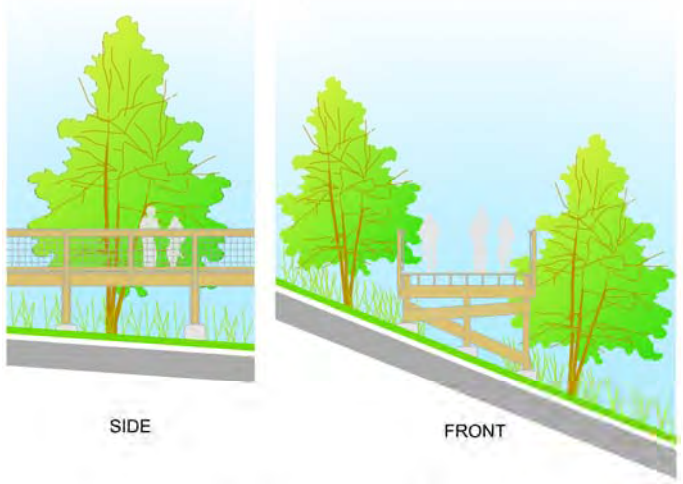
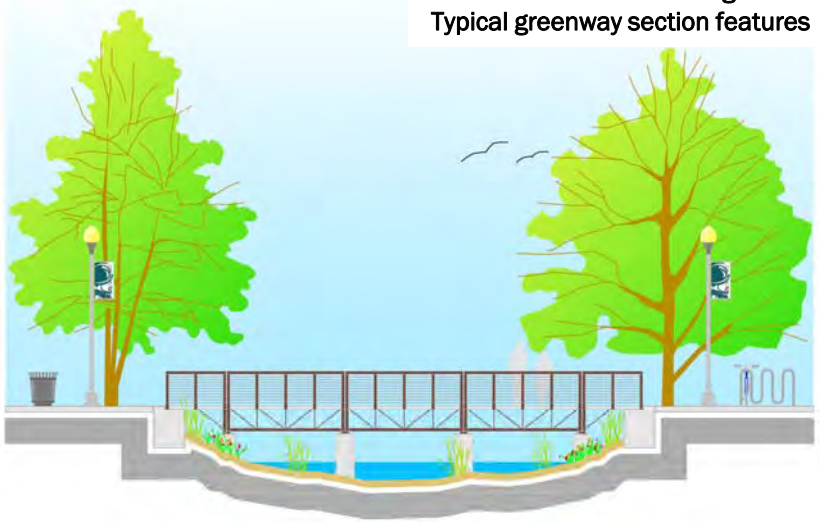
The typical greenway sections shown on this page illustrate the various options to accommodate users and other possible features (stream interaction, canopy walk, and stream crossings) associated with a greenway trail.

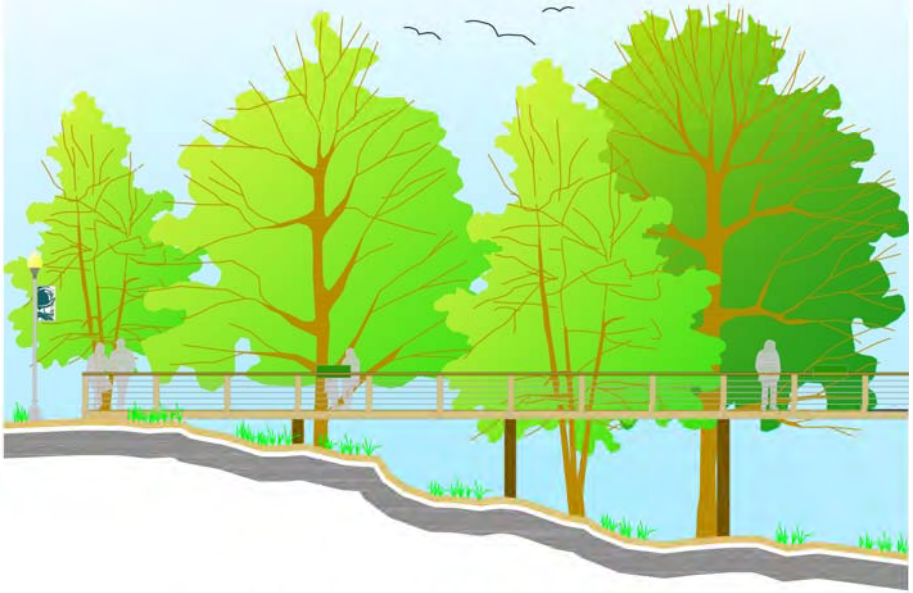
Figure 10
Typical greenway section features



GREENWAY - BOARDWALK SECTION
NOT TO SCALE



GREENWAY - BRIDGE SECTION
NOT TO SCALE



GREENWAY - CANOPY WALK SECTION
NOT TO SCALE

GREENWAY - CREEKSIDE TRAIL SECTION
NOT TO SCALE

INDIVIDUAL PROJECT DESCRIPTIONS

WITH COST AND PRIORITIZATION

The City of Hernando Bicycle & Pedestrian Master Plan is a long range plan. The seventy-eight (78) shared road, bike lane, multi-use pathway and greenway projects, and the twenty-seven (27) trailhead, gateway, and crossing projects identified in this plan represent a generation of public and private support, funding, and advocating, combining to create valuable public equity for the City of Hernando.

This plan is only as valuable and feasible as its implementation strategy and commitment thereto.

The following section provides a description, length and approximate cost for each of the seventy-eight (78) shared road, bike lane, multi-use pathway, and greenway projects, and the twenty-seven (27) trailhead, gateway, and crossing projects identified during the planning process. Cost shown in the plan were generated in May, 2019, and reflect current construction cost. Cost listed in the plan are preliminary and may increase depending on the length of time between adoption of this plan and budgeting for implementation. Cost estimates should be reviewed and possibly updated prior to setting a final budget for each project identified in the plan.

This section includes a prioritized list of the individual projects, grouping them into 1-5 year, 6-10 year and 11-20 year categories.

Detailed cost estimates are provided in Exhibit A and potential funding sources and strategies are described in Exhibit B.

PROPOSED IMPROVEMENTS SHARED ROAD

The City of Hernando has approximately 26 miles of existing streets designated as shared road, mostly in areas with anticipated low traffic volumes and speeds.

The exhibit on this page (Figure 11 and shown 11x17 next page) shows twenty-six (26) proposed shared road projects. The projects provide continuation of multi-use pathways and greenways that exist in areas that experience higher traffic volumes and speeds. Collectively, the system creates an "outer loop" that was popularly identified in Stakeholder Meeting 1. The downtown area shown in the red cross hatch is also an area for proposed shared use due to its historic design elements that foster lower volumes, lower speeds, and other factors that favor bicycle and pedestrian compatibility.

Page 27 provides a description, length, and approximate cost for each of the twenty-six (26) shared road projects identified during the planning process. Detailed cost estimates are provided in Exhibit A.

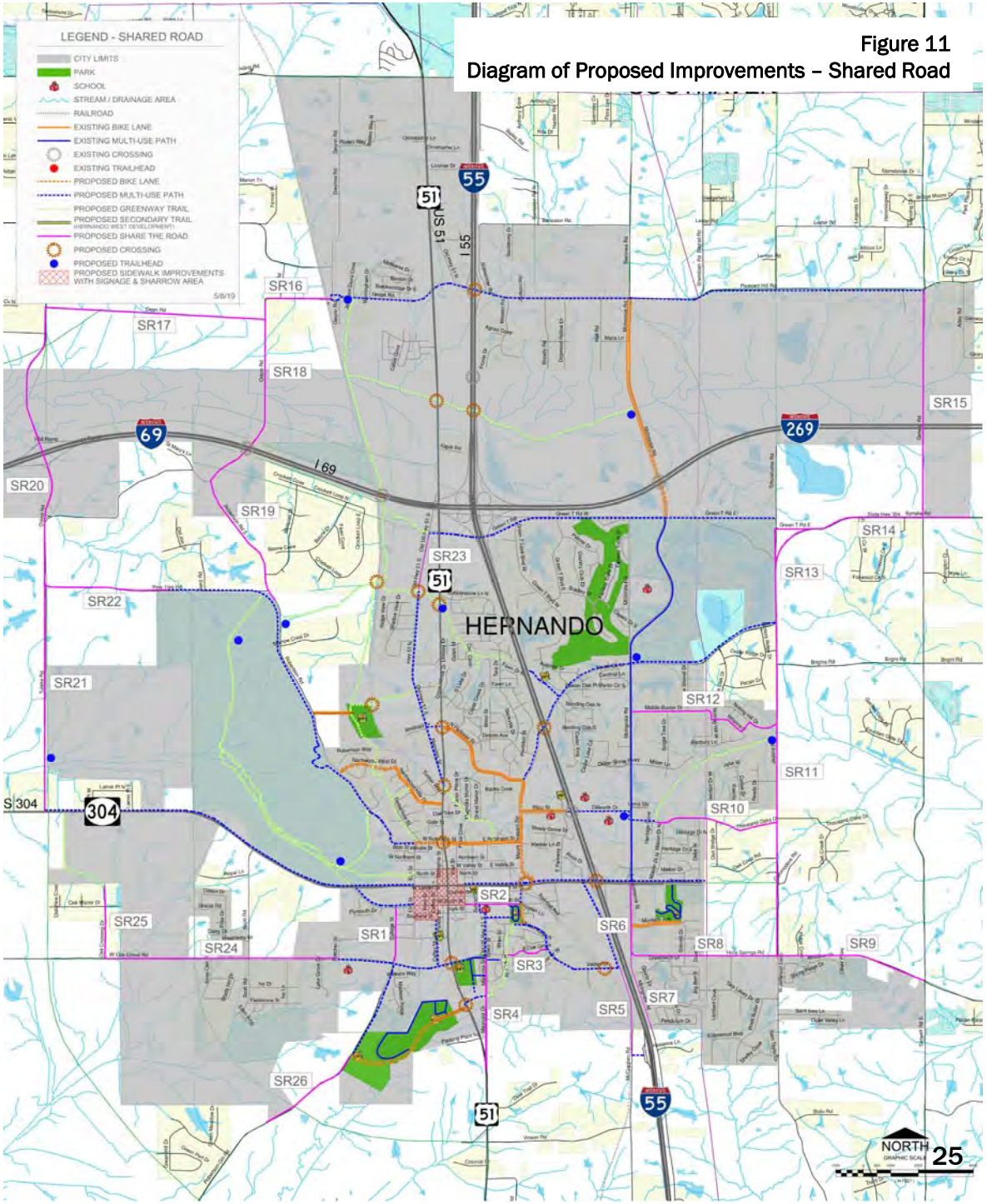
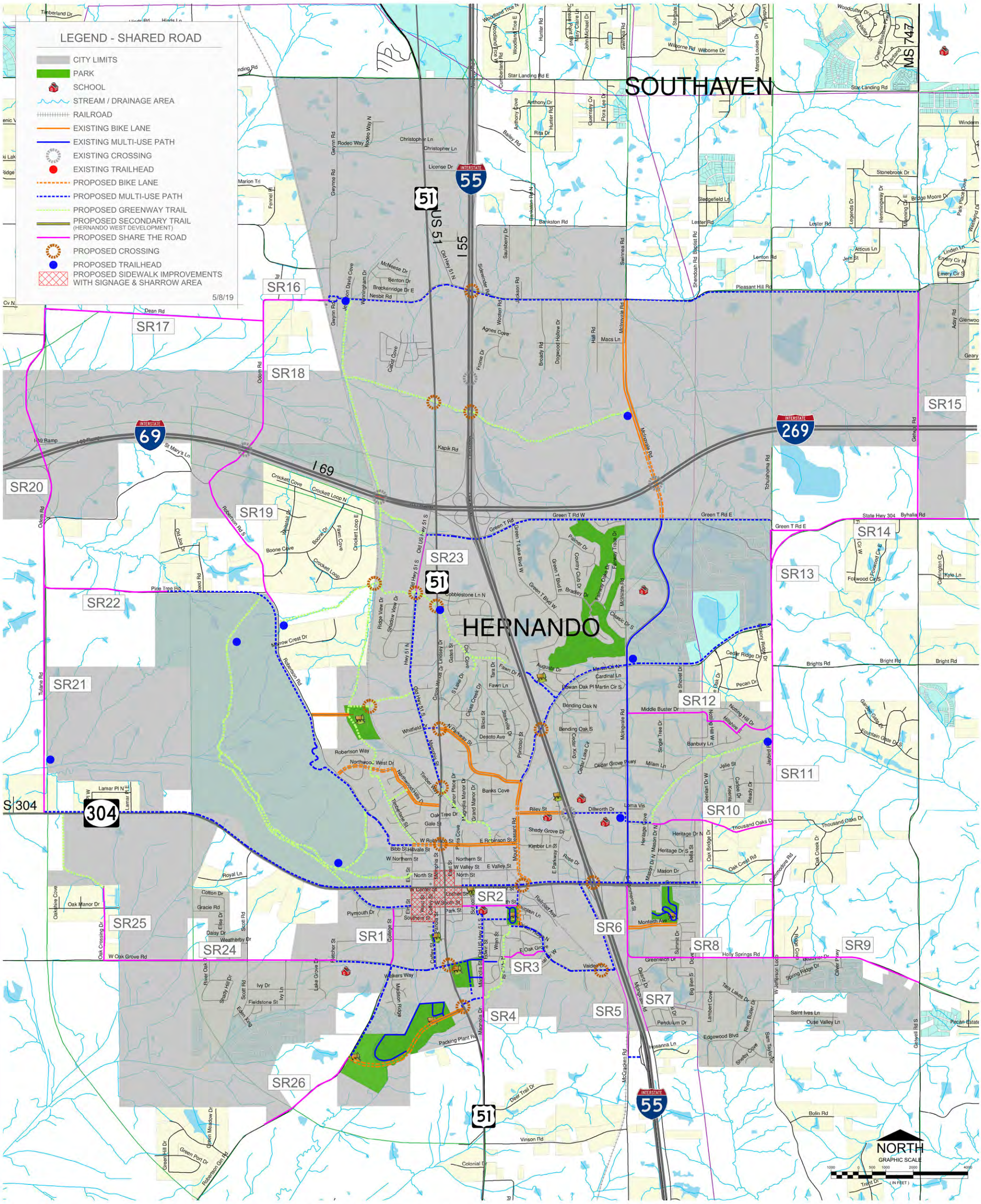


Figure 11
Diagram of Proposed Improvements – Shared Road



PROPOSED SHARED ROAD PROJECTS

HERNANDO, MS BIKE & PEDESTRIAN MASTER PLAN

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Solutions you can build upon

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PROPOSED IMPROVEMENTS – SHARED ROAD

#	Description	Length	Approx. Cost
SR1	College St / W South St south to W Oak Grove Rd	2000 LF	$4,500.00
SR2	E South St / Church Rd east to Mt Pleasant Rd	2100 LF	$4,500.00
SR3	Wren St / E Oak Grove Rd east to Vaiden Dr	1800 LF	$4,000.00
SR4	Magnolia Dr / Oak Grove Rd south to US Hwy 51	1800 LF	$8,500.00
SR5	McCracken Rd / Vaiden Dr south to MS I55 Welcome Center	3250 LF	$7,000.00
SR6	McIngvale Rd / E Commerce St south to Holly Springs Rd	2500 LF	$6,000.00
SR7	McIngvale Rd / Holly Springs Rd south to Pendulum Dr	2800 LF	$6,500.00
SR8	McIngvale Rd / Holly Springs Rd east to Jaybird Rd	5300 LF	$11,000.00
SR9	Holly Springs Rd / Jaybird Rd east to Getwell Rd	5500 LF	$11,000.00
SR10	Thousand Oaks Dr / Heritage Cove east to Jaybird Rd	4500 LF	$10,000.00
SR11	Jaybird Rd / Holly Springs Rd north to Notting Hill Dr	8400 LF	$17,500.00
SR12	Middle Buster Rd / McIngvale Rd east to Notting Hill Dr / Jaybird Rd	6000 LF	$12,500.00
SR13	Jaybird Rd / Notting Hill Dr north to Green T Rd	7100 LF	$14,000.00
SR14	Byhalia Rd / Jaybird Rd east past Getwell Rd	8600 LF	$17,500.00
SR15	Getwell Rd / Byhalia Rd north to Pleasant Hill Rd	8300 LF	$17,000.00
SR16	Nesbit Rd / Jefferson Davis Cove west to Dean Rd / Odom Rd	3900 LF	$8,500.00
SR17	Dean Rd / Odom Rd west to Tulane Rd	8000 LF	$17,000.00
SR18	Dean Rd / Odom Rd south to Robertson Rd / Odom Road	6700 LF	$13,500.00
SR19	Robertson Rd / Odom Rd south to Pine Tree Rd	4600 LF	$10,000.00
SR20	Tulane Rd between Dean Rd and Pine Tree Rd	10,500 LF	$21,500.00
SR21	Tulane Rd between Pine Tree Rd and Hwy 304	8100 LF	$17,000.00
SR22	Pine Tree Rd / Tulane Rd east to beginning of MU27	4500 LF	$9,000.00
SR23	Old Hwy 51 / Green T Rd south to beginning of MU30/GW10	2200 LF	$4,500.00
SR24	W Oak Grove Rd / Oak Crossing Dr east to MU11	8400 LF	$17,500.00
SR25	Oak Crossing Dr / W Oak Grove Rd north to GW11 (Oak Creek Greenway)	2800 LF	$6,500.00
SR26	Robertson Gin Rd / Pidgeon Park entrance south	4000 LF	$6,500.00
	TOTAL =	**133,650 LF (25.3 MI)**	**$283,000.00** May, 2019

Since Engineer has no control over the cost of labor, materials, equipment or services furnished by others, or over the Contractor's methods of determining prices, or over competitive bidding or market conditions, the opinions of probable cost provided for herein are made on the basis of experience and qualifications and represent Engineer's best judgment as an experienced and qualified professional, generally familiar with the construction industry; but Engineer cannot and does not guarantee that proposals, bids or actual Construction Cost will not vary from opinions of probable cost prepared by Engineer.

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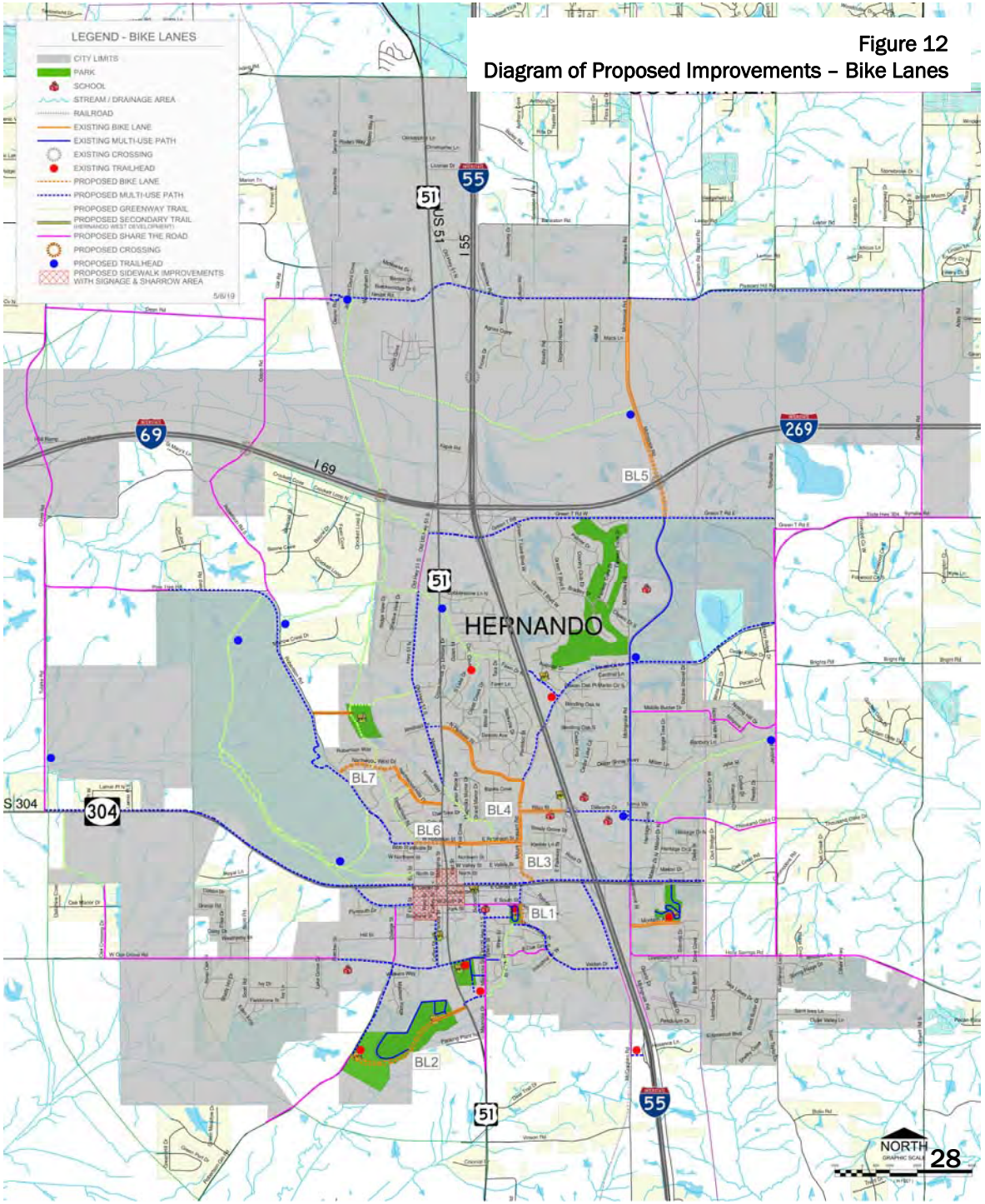
PROPOSED IMPROVEMENTS
BIKE LANES

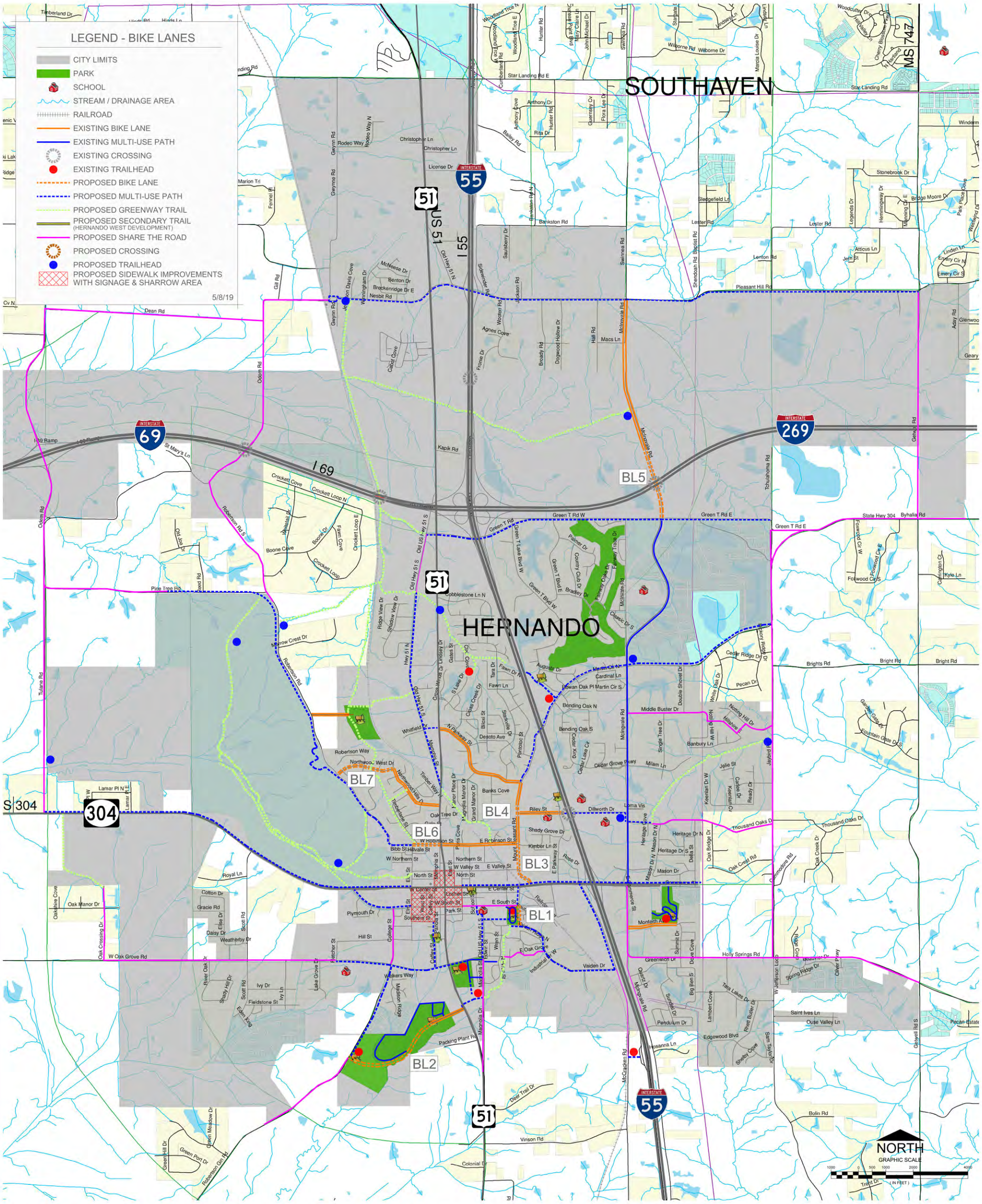
The City of Hernando has approximately 8.5 miles (both sides) of existing bike lanes, mostly associated with areas near schools and parks. Bike lanes are an important part of a transportation network. Bike lanes and shared road designations provide the strongest link to traditional transportation networks, and in so doing, support and encourage bicycling as a means of transportation. Bike lanes also provide complete separation from pedestrians using sidewalks and vehicles using travel lanes, which is a pedestrian benefit not offered by multi-use pathways and greenways. Depending on street width and opportunities for road diets or reallocation of the street, bike lanes are relatively low cost investments in bicycle infrastructure.

The exhibit on this page (Figure 12 and 11x17 on next page) shows seven (7) proposed bike lane projects. The projects provide continuation of existing bike lane infrastructure and connections to activity nodes or other proposed improvements such as multi-use pathways, greenways or shared road designations.

Page 30 provides a description, length and approximate cost for each of the seven (7) bike lane projects identified during the planning process. Detailed cost estimates are provided in Exhibit A.

Figure 12
Diagram of Proposed Improvements – Bike Lanes





PROPOSED BIKE LANE PROJECTS

HERNANDO, MS BIKE & PEDESTRIAN MASTER PLAN

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PROPOSED IMPROVEMENTS – BIKE LANES

#	Description	Length (Both Sides)	Approx. Cost
BL1	Mt Pleasant Rd / E South Street south to Vaiden Dr	1500 LF	$16,000.00
BL2	Danny Phillips Blvd / Robertson Gin Rd west through Pidgeon Park to existing bike lanes	8200 LF	$108,000.00
BL3	Mt Pleasant Rd / E Commerce St north to Robinson St	3400 LF	$33,500.00
BL4	Mt Pleasant Rd / Riley Street to connect existing bike lanes	900 LF	$10,500.00
BL5	McIngvale Rd / Green T Rd north to existing bike lanes	5000 LF	$50,500.00
BL6	Robinson St / Elm St east to US Hwy 51	2000 LF	$20,500.00
BL7	Northwood West Dr between Robertson Rd and Northwood Hills Dr	4400 LF	$45,000.00
	TOTAL =	**25,400 LF (4.8 MI)**	**$284,000.00** May, 2019

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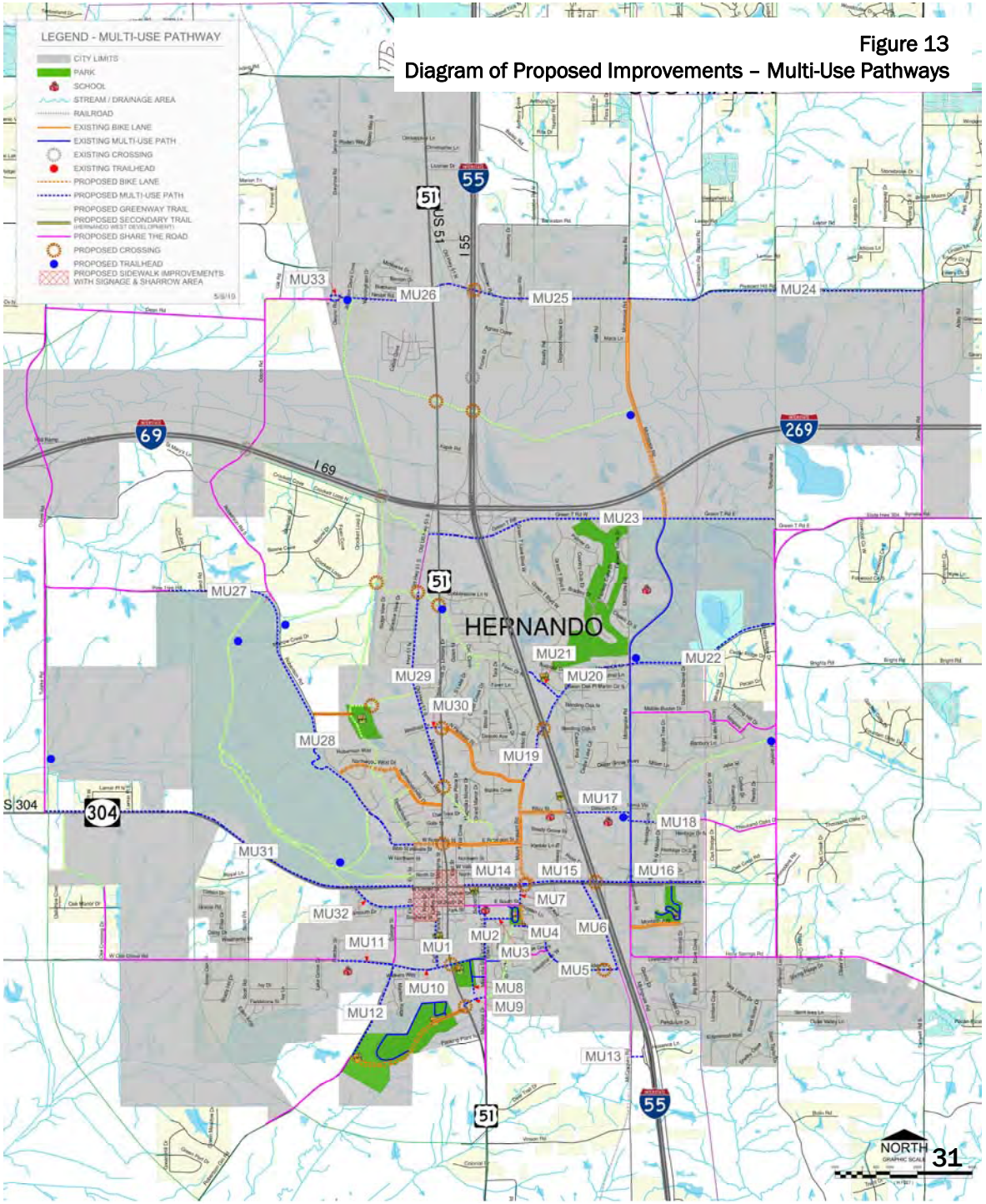
PROPOSED IMPROVEMENTS
MULTI-USE PATHWAYS

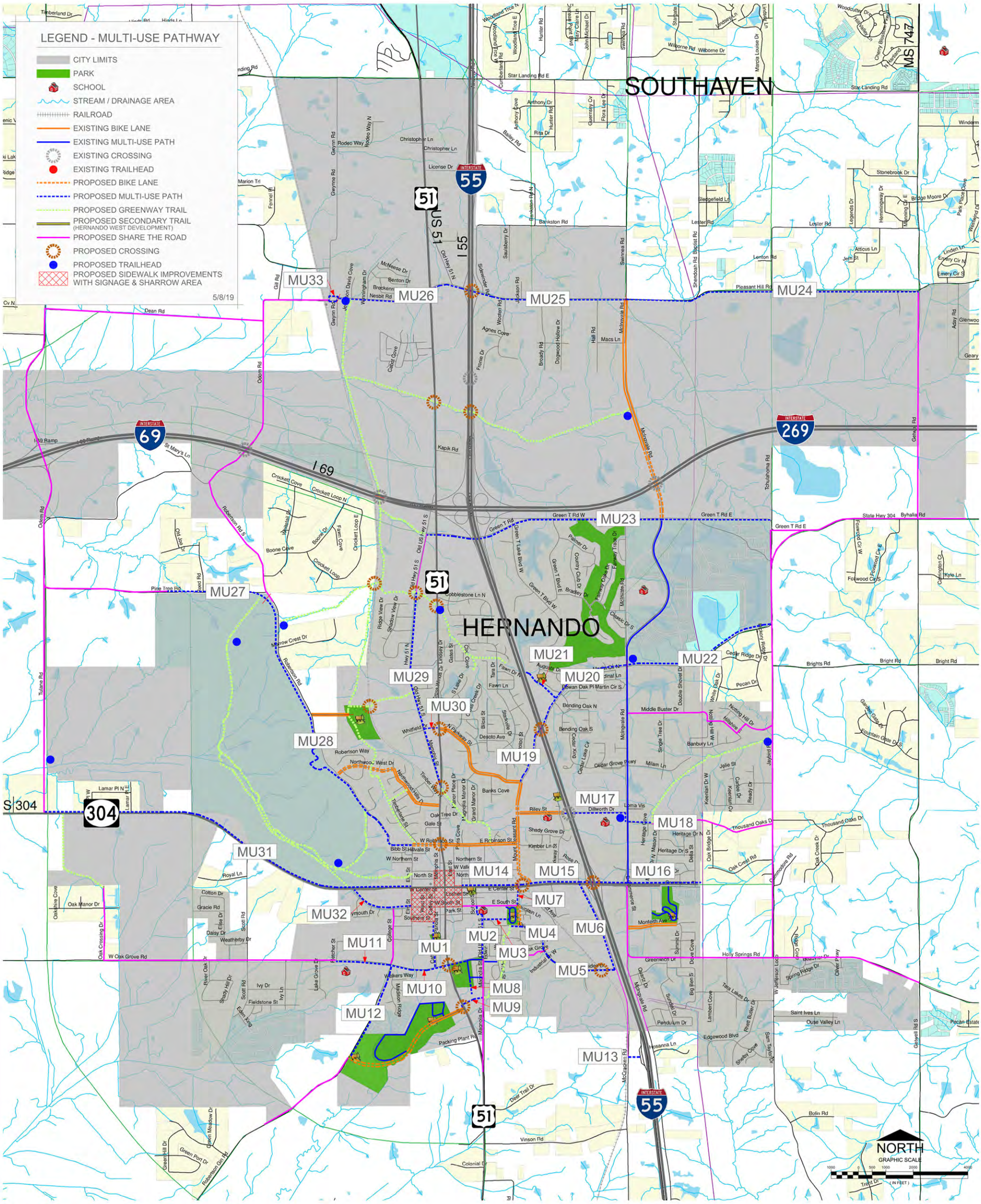
The City of Hernando has approximately 5.2 miles of existing multi-use pathways. This includes the 2.6 mile multi-use pathway along McIngvale Road, along with the remaining length that is mostly associated with areas within or near parks. Multi-use pathways are an important part of a transportation network. They serve as exclusive spaces for shared bicycle and pedestrian uses. Multi-use pathways are vital pieces of bicycle and pedestrian infrastructure that create safe routes within corridors that have high traffic volumes and speeds, where bike lanes and shared road designations are not feasible. Multi-use pathways have proven to be economic stimulants, creating more community interest and higher property values.

The exhibit on this page (Figure 13 and 11x17 on next page) shows thirty-three (33) proposed multi-use pathway projects. These projects serve as a continuation of existing bike lane and pathway infrastructure, as well as provide connections to activity nodes or other proposed greenways or shared road designations.

Page 33 provides a description, length and approximate cost for each of the thirty-three (33) multi-use pathway projects identified during the planning process. Detailed cost estimates are provided in Exhibit A.

Figure 13
Diagram of Proposed Improvements – Multi-Use Pathways





PROPOSED MULTI-USE PATHWAY PROJECTS

HERNANDO, MS BIKE & PEDESTRIAN MASTER PLAN

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PROPOSED IMPROVEMENTS – MULTI-USE PATHWAYS

#	Description	Length	Approx. Cost
MU1	Southern St/Panola St south to Caffey and Oak Grove Rd	1800 LF	$390,500.00
MU2	E South St/School south to Park, east on Park to Old Hwy 51, south on Old Hwy 51 to Oak Grove Rd	2100 LF	$455,500.00
MU3	Old Hwy 51 east to Sports & Fitness Track between W South St and Vaiden Dr	1000 LF	$254,000.00
MU4	Sports & Fitness Track southeast along Vaiden Dr to E Oak Grove	1800 LF	$390,500.00
MU5	Vaiden Dr & E Oak Grove Rd to McCracken Rd	2800 LF	$621,500.00
MU6	McCracken Rd / Vaiden Dr north to Commerce St	3400 LF	$738,000.00
MU7	Mt Pleasant Rd / Commerce St south to E South St	700 LF	$152,000.00
MU8	Extend existing multi-use pathway south from Conger Park	400 LF	$96,000.00
MU9	Multi-use pathway between Magnolia Dr & Old Hwy 51 south of Conger Park	800 LF	$211,000.00
MU10	W Oak Grove Rd / Conger Park west to College St	2800 LF	$607,500.00
MU11	W Oak Grove Rd / College St west to Fletcher St	2000 LF	$434,000.00
MU12	Robertson Gin Rd / W Oak Grove Rd south to Danny Phillips Blvd	3900 LF	$846,000.00
MU13	McCracken Rd east into I55 MS Welcome Center	400 LF	$87,000.00
MU14	E Commerce St / Church St east to Railroad Crossing	2250 LF	$488,500.00
MU15	E Commerce St at Railroad Crossing east to I55 Bridge	2500 LF	$542,500.00
MU16	E Commerce St / I55 Interchange east to Della St	3900 LF	$846,000.00
MU17	Dillworth Dr / I55 Pedestrian Underpass east to McIngvale Rd	2500 LF	$542,500.00
MU18	Thousand Oaks Dr / McIngvale Rd east to Heritage Cove	900 LF	$195,500.00
MU19	Byhalia Rd / N Parkway St north to I55 Underpass	2200 LF	$477,500.00
MU20	Byhalia Rd / I55 Underpass northeast to McIngvale Rd	4100 LF	$889,500.00
MU21	Green T Lake W Rd / Byhalia Rd northwest toward I55	1600 LF	$393,000.00
MU22	Byhalia Rd / McIngvale Rd east to Jaybird Rd	3200 LF	$694,500.00
MU23	Green T Rd / Old Hwy 51 east to Tchulahoma Rd	12,300 LF	$2,668,000.00
MU24	Pleasant Hill Rd / Getwell Rd west to McIngvale Rd	10,700 LF	$2,321,000.00
MU25	Pleasant Hill Rd / McIngvale Rd east to I55 Interchange	5700 LF	$1,237,000.00
MU26	Nesbit Rd / Jefferson Davis Cove east to I55 Interchange	4600 LF	$998,000.00
MU27	Pine Tree Rd starting at Robertson Rd extending west	3500 LF	$759,500.00
MU28	Robertson Rd / Pine Tree Rd south to Elm St	11,400 LF	$2,479,000.00
MU29	Whitfield Dr between US Hwy 51 and Old Hwy 51	500 LF	$111,000.00
MU30	Old Hwy 51 north from US Hwy 51 / Memphis St	7100 LF	$1,540,000.00
MU31	Hwy 304 between Tulane Rd and Elm St	14,100 LF	$3,058,500.00
MU32	W South St between Hwy 304 and Elm St	2400 LF	$521,000.00
MU33	Nesbit Square	650 LF	MPO Project
	TOTAL =	**119,350 LF (22.6 MI)**	**$26,046,000.00** May, 2019

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PROPOSED IMPROVEMENTS
GREENWAY TRAILS

The City of Hernando does not currently have any greenway trails, but there are several in the area such as the Memphis Greenline. Like multi-use pathways, greenway trails serve an important role in the bicycle and pedestrian network, but greenway trails offer other benefits. The greenway trails included in the plan are located within undeveloped riparian (drainage) zones and make use of land that would otherwise remain undeveloped. Due to their location, greenways offer environmental and nature experiences not available with the other proposed elements in this plan. Like multi-use pathways, greenways have proven to be economic stimulants, creating more community interest and higher property values.

The exhibit on this page (Figure 14 and 11x17 on next page) shows twelve (12) proposed greenway projects. These projects serve as a continuation of existing bike lane and pathway infrastructure, as well as provide connections to activity nodes or other proposed pathway or shared road designations.

Page 36 provides a description, length and approximate cost for each of the twelve (12) greenway trail projects identified during the planning process. Detailed cost estimates are provided in Exhibit A.

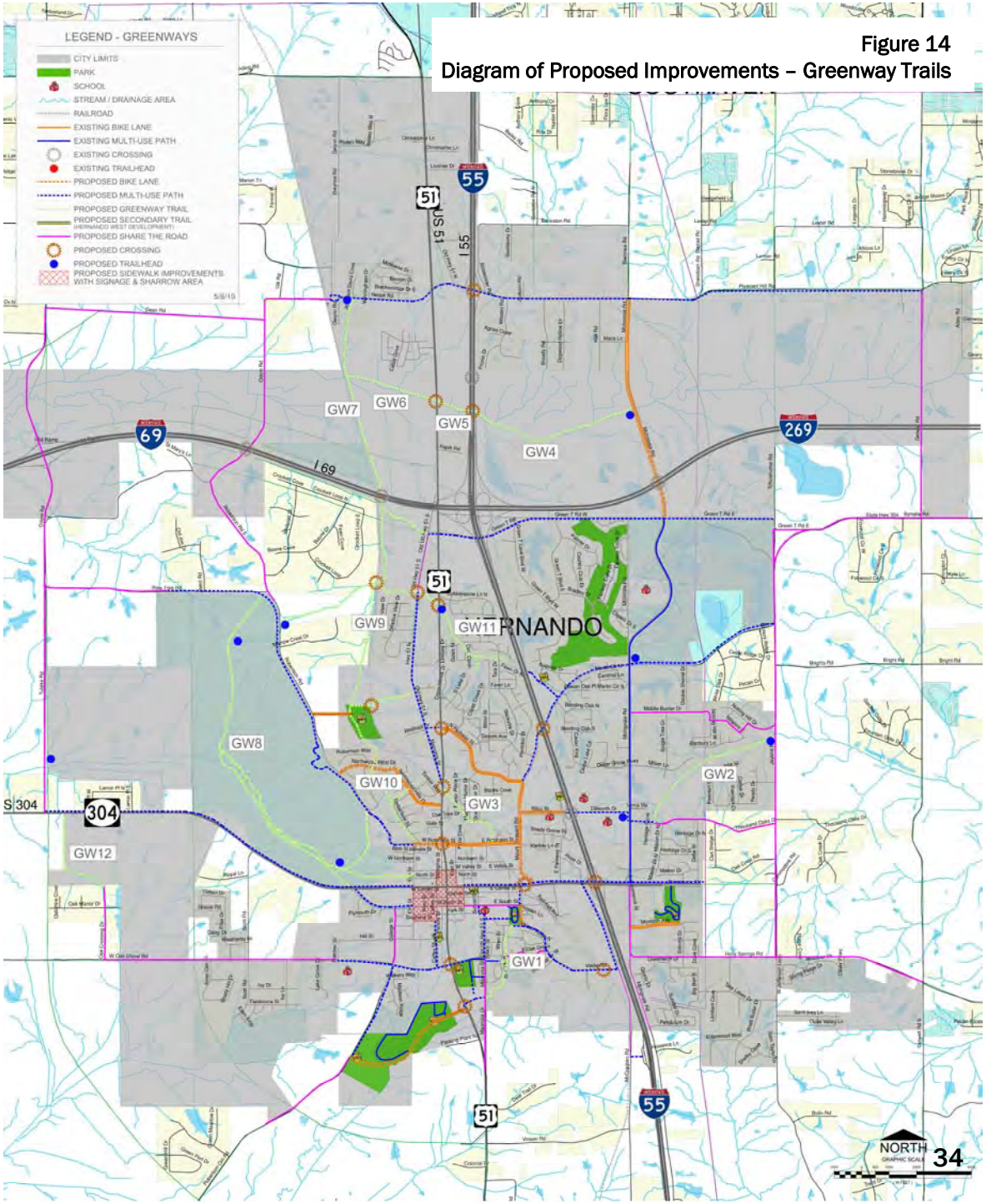
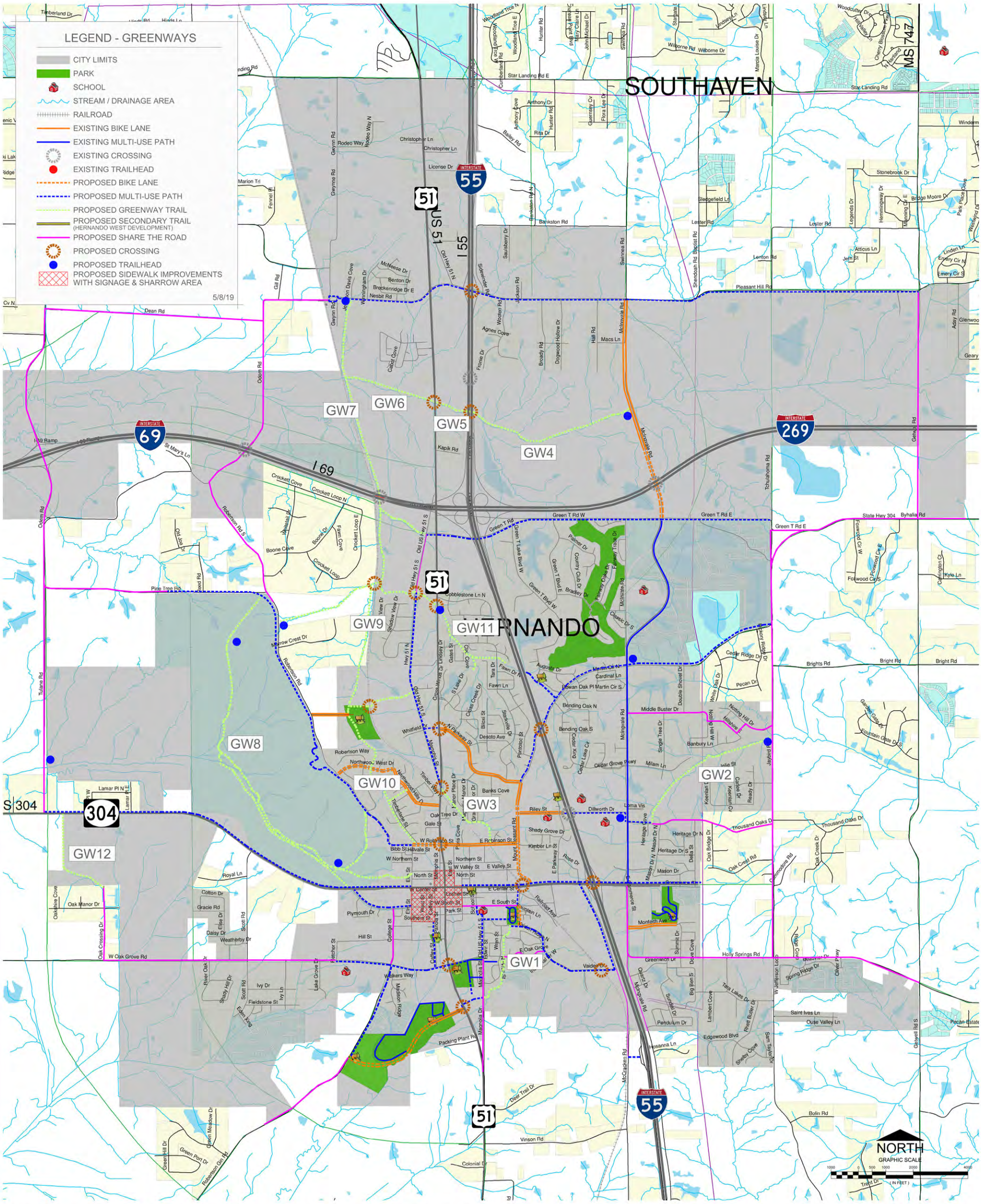


Figure 14
Diagram of Proposed Improvements – Greenway Trails



PROPOSED GREENWAY PROJECTS

HERNANDO, MS BIKE & PEDESTRIAN MASTER PLAN

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PROPOSED IMPROVEMENTS – GREENWAY TRAILS

#	Description	Length	Approx. Cost
GW1	Wren Greenway – Sports & Fitness Track / Vaiden Dr south to Magnolia Dr	3000 LF	$666,500.00
GW2	Thousand Oaks Greenway – Thousand Oaks Dr to Jaybird Rd	5800 LF	$1,827,000.00
GW3	Magnolia Manor Greenway – Memphis St / US Hwy 51 southeast to Robinson Rd / Pleasant Bend Dr	3000 LF	$668,000.00
GW4	Hurricane Creek Greenway – McIngvale Rd west to I55 bridge	6200 LF	$2,091,500.00
GW5	Hurricane Creek Greenway – I55 bridge to US Hwy 51 bridge	1300 LF	$641,000.00
GW6	Hurricane Creek Greenway – US Hwy 51 bridge to RR bridge	3500 LF	$1,223,000.00
GW7	Railroad Greenway – Nesbit Rd south to I69 bridge	7400 LF	$2,117,000.00
GW8	Hernando West Greenway – Pine Tree Rd southeast Robertson Rd / Elm St & Hwy 304	24,300 LF	N / A *
GW9	Railroad Greenway N – I69 bridge south to Soccer Complex (spurs to Old Hwy 51 & Robertson Rd)	17,000 LF	$4,522,000.00
GW10	Railroad Greenway S – Soccer Complex south to W Robinson Rd	6200 LF	$1,621,000.00
GW11	Cross Creek Greenway – Old Hwy 51 southeast to Pebble Creek Cove East	3900 LF	$1,225,500.00
GW12	Oak Creek Greenway – Oak Crossing Dr north to Hwy 304	3300 LF	$916,500.00
	TOTAL =	**84,900 LF (16.1 MI)**	**$17,519,000.00** May, 2019

* Cost for Hernando West Greenway included in development cost.

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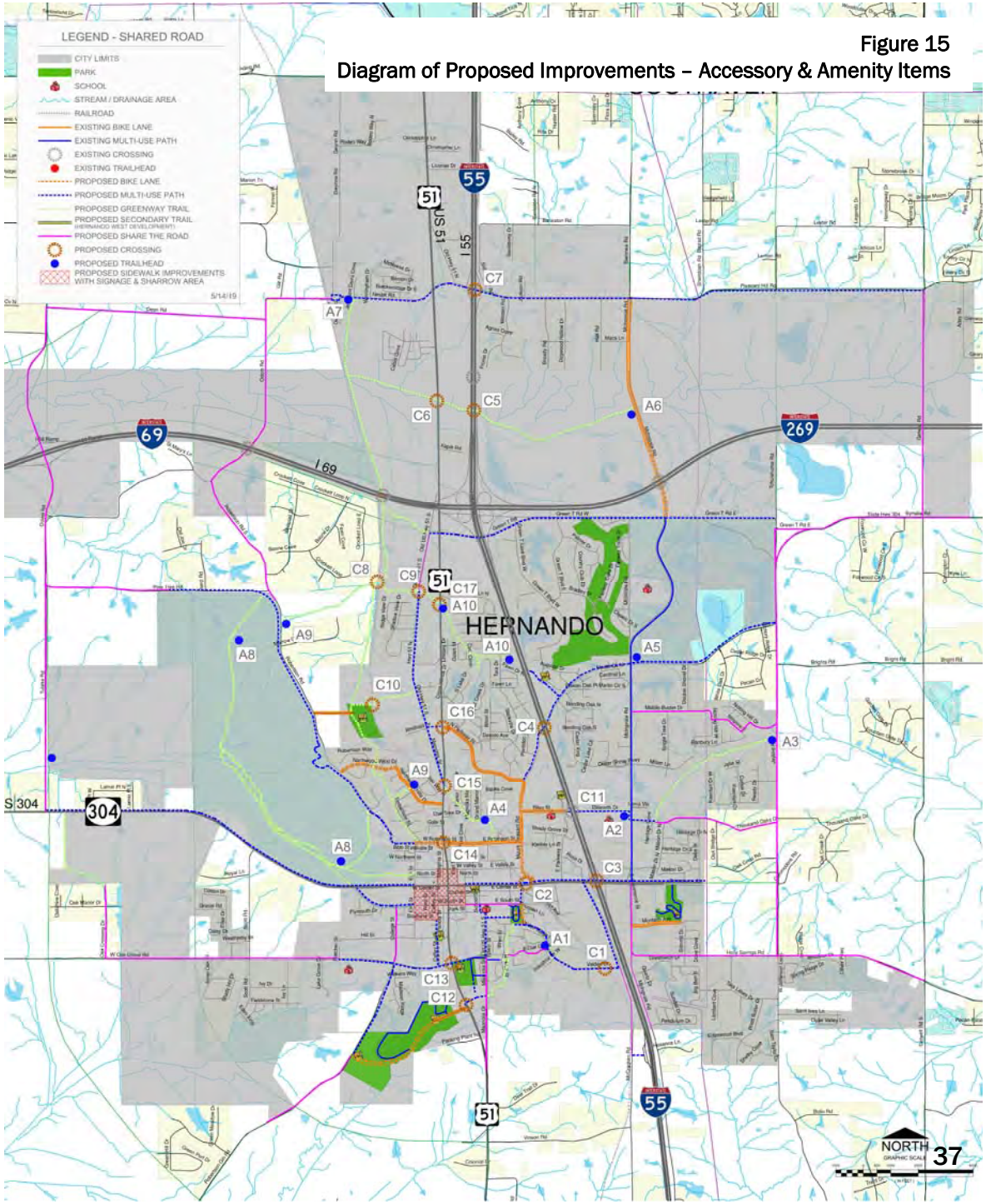
ACCESSORY & AMENITY ITEMS

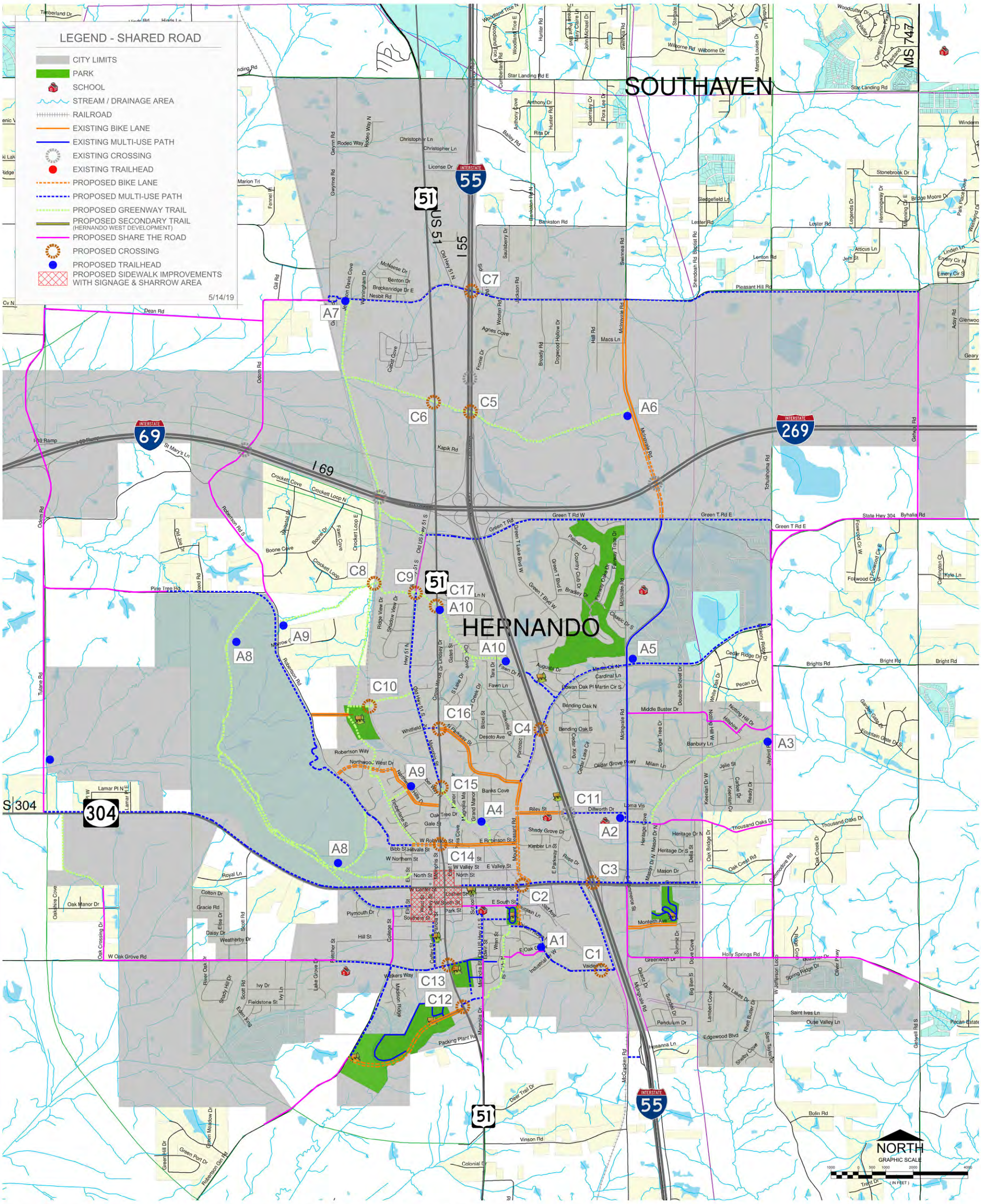
All transportation systems must have the items and amenities that provide support and assistance to the function of the overall system.

The exhibit (Figure 15 and 11x17 on next page) on this page shows ten (10) proposed trailhead locations and seventeen (17) proposed crossing locations that are either new or existing with the need for upgrades. The trailhead projects will provide needed parking, signage, mapping, bike lockers, lighting, and other minor amenities. The crossing locations will provide for safe maneuverability within the requirements set forth by the governing authorities (MDOT, railroad, or City).

Page 39 provides a description and approximate cost for each of the ten (10) proposed trailhead locations and seventeen (17) proposed crossing locations that are either new or existing with the need for upgrades. Detailed cost estimates are provided in Exhibit A.

Figure 15
Diagram of Proposed Improvements – Accessory & Amenity Items





PROPOSED ACCESSORY & AMENITY PROJECTS

HERNANDO, MS BIKE & PEDESTRIAN MASTER PLAN

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ACCESSORY & AMENITY ITEMS

#	Description	Approx. Cost
A1	Trailhead at Vaiden Dr / E Oak Grove Rd	$55,000.00
A2	Trailhead at Dilworth Ln / McIngvale Rd	$45,000.00
A3	Trailhead at Jaybird Rd / Notting Hill Dr	$45,000.00
A4	Trailhead for Grand Manor Greenway	$45,000.00
A5	Trailhead at Byhalia Rd / McIngvale Rd	$45,000.00
A6	Trailhead for Hurricane Creek Greenway at McIngvale Rd	$45,000.00
A7	Trailhead at Nesbit Rd / Jefferson Davis Rd	$45,000.00
A8	Trailheads (2) for Hernando West Greenway	$91,500.00
A9	Trailheads (2) for Railroad Greenway	$81,500.00
A10	Trailheads (2) for Cross Creek Greenway	$81,500.00
	May, 2019 **TOTAL TRAILHEAD COST =**	**$579,500.00**
C1	Railroad Crossing at Vaiden Dr	$150,000.00
C2	Railroad Crossing at E Commerce St	$150,000.00
C3	E Commerce St multi-use pathway crossing under I55 bridge	$150,000.00
C4	Byhalia Rd multi-use pathway crossing under I55 bridge	$150,000.00
C5	Hurricane Creek Greenway crossing under I55 bridge	$150,000.00
C6	Hurricane Creek Greenway crossing under US Hwy 51 bridge	$150,000.00
C7	Nesbit Rd multi-use pathway crossing under I55 bridge	$150,000.00
C8	Railroad Greenway crossing under railroad bridge	$150,000.00
C9	Cross Creek Greenway crossing at US Hwy 51	$150,000.00
C10	Railroad Greenway at grade crossing of railroad	$150,000.00
C11	Renovations to existing pedestrian underpass at Riley St / Dillworth Dr	$100,000.00
C12	Multi-use pathway crossing of US Hwy 51 at Pidgeon Park entrance	$150,000.00
C13	W Oak Grove Rd multi-use pathway crossing of US Hwy 51	$150,000.00
C14	Robinson St bike lane crossing of US Hwy 51	$150,000.00
C15	Magnolia Manor Greenway / Old Hwy 51 multi-use path crossing of US Hwy 51	$150,000.00
C16	North Parkway St existing bike lanes / multi-use path crossing of US Hwy 51	$150,000.00
C17	Greenway Crossing of US Hwy 51 near Cobblestone Ln N	$150,000.00
	May, 2019 **TOTAL CROSSING COST =**	**$2,500,000.00**

Since Engineer has no control over the cost of labor, materials, equipment or services furnished by others, or over the Contractor's methods of determining prices, or over competitive bidding or market conditions, the opinions of probable cost provided for herein are made on the basis of experience and qualifications and represent Engineer's best judgment as an experienced and qualified professional, generally familiar with the construction industry; but Engineer cannot and does not guarantee that proposals, bids or actual Construction Cost will not vary from opinions of probable cost prepared by Engineer.

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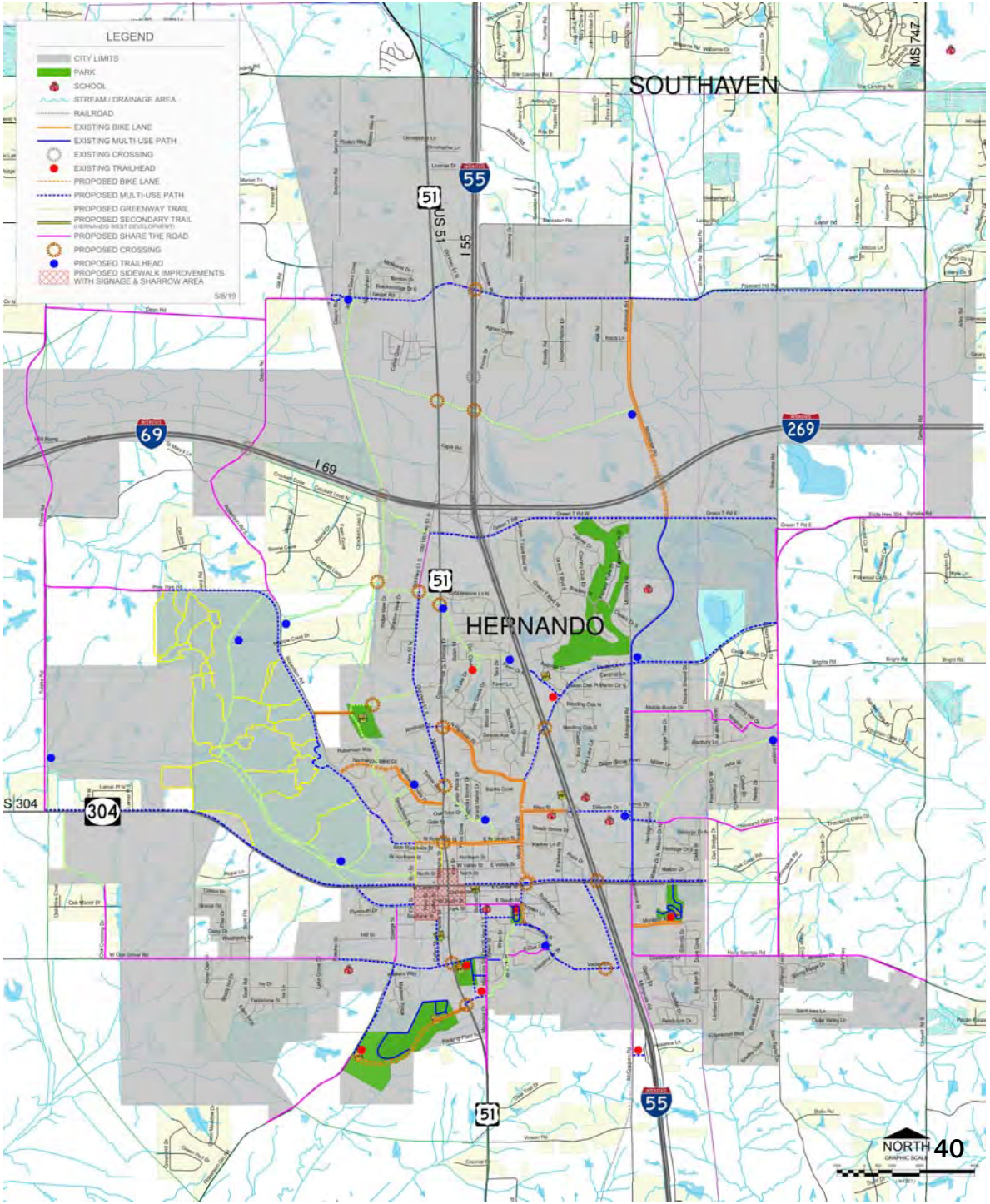
PRIORITIZATION OF PROPOSED IMPROVEMENTS

The Overall Diagram illustrates the completed vision for a dynamic system of bicycle and pedestrian improvements within the City of Hernando and surrounding area. The improvements include 22.6 miles of multi-use pathways, 16.0 miles of greenways, 4.8 miles of bicycle lanes (both sides), and 25.3 miles of shared road routes. The improvements have been prioritized into individual projects in the previous section and grouped into 1-5 Year, 6-10 Year, and 11-20 Year project lists in the following section.

The project lists are working lists and represent implementation goals. They will require updates and may need to be modified based on available funding and future development.

The following section includes the projects identified to be completed in years 1-5, 6-10, and 11-20.



PRIORITIZATION OF PROJECTS

1-5 YEAR PROJECTS

The projects listed below are intended to be implemented during Years 1-5. The projects were identified with the involvement of City leadership and stakeholders and represent the desire to address needs in and around downtown, connect parks, establish key greenways, and fill small gaps in the existing network.

#	Description	Length	Approx. Cost
SR1	College St / W South St south to W Oak Grove Rd	2000 LF	$4,500.00
SR2	E South St / Church Rd east to Mt Pleasant Rd	2100 LF	$4,500.00
SR4	Magnolia Dr / Oak Grove Rd south to US Hwy 51	1800 LF	$8,500.00
SR24	W Oak Grove Rd / Oak Crossing Dr east to MU11	8400 LF	$17,500.00
SR26	Robertson Gin Rd / Pidgeon Park entrance south	4000 LF	$6,500.00
BL1	Mt Pleasant Rd / E South Street south to Vaiden Dr	1500 LF	$16,000.00
BL2	Danny Phillips Blvd / Robertson Gin Rd west through Pidgeon Park to existing bike lanes	8200 LF	$108,000.00
BL3	Mt Pleasant Rd / E Commerce St north to Robinson St	3400 LF	$33,500.00
BL4	Mt Pleasant Rd / Riley Street to connect existing bike lanes	900 LF	$10,500.00
BL5	McIngvale Rd / Green T Rd north to existing bike lanes	5000 LF	$50,500.00
BL6	Robinson St / Elm St east to US Hwy 51	2000 LF	$20,500.00
BL7	Northwood West Dr between Robertson Rd and Northwood Hills Dr	4400 LF	$45,000.00
MU1	Southern St/Panola St south to Caffey and Oak Grove Rd	1800 LF	$390,500.00
MU2	E South St/School south to Park, east on Park to Old Hwy 51, south on Old Hwy 51 to Oak Grove Rd	2100 LF	$455,500.00
MU3	Old Hwy 51 east to Sports & Fitness Track between W South St and Vaiden Dr	1000 LF	$254,000.00
MU7	Mt Pleasant Rd / Commerce St south to E South St	700 LF	$152,000.00
MU8	Extend existing multi-use pathway south from Conger Park	400 LF	$96,000.00
MU9	Multi-use pathway between Magnolia Dr & Old Hwy 51 south of Conger Park	800 LF	$211,000.00
MU10	W Oak Grove Rd / Conger Park west to College St	2800 LF	$607,500.00
MU11	W Oak Grove Rd / College St west to Fletcher St	2000 LF	$434,000.00
MU12	Robertson Gin Rd / W Oak Grove Rd south to Danny Phillips Blvd	3900 LF	$846,000.00
MU32	W South St between Hwy 304 and Elm St	2400 LF	$521,000.00
GW10	Railroad Greenway S – Soccer Complex south to W Robinson Rd	6200 LF	$1,621,000.00
A9	Trailheads (2) for Railroad Greenway	N/ A	$81,500.00
C11	Renovations to existing pedestrian underpass at Riley St / Dillworth Dr	N / A	$100,000.00
C12	Multi-use pathway crossing of US Hwy 51 at Pidgeon Park entrance	N / A	$150,000.00
C13	W Oak Grove Rd multi-use pathway crossing of US Hwy 51	N / A	$150,000.00
C14	Robinson St bike lane crossing of US Hwy 51	N / A	$150,000.00
	TOTAL =	**67,800 LF (12.8 MI)**	**$6,545,500.00**

PRIORITIZATION OF PROJECTS

6-10 YEAR PROJECTS

The projects listed below are intended to be implemented during Years 6-10. The projects were identified with the involvement of City leadership and stakeholders and represent the desire to address the desire to expand the 1-5 year projects and begin to create transportation routes.

#	Description	Length	Approx. Cost
SR3	Wren St / E Oak Grove Rd east to Vaiden Dr	1800 LF	$4,000.00
SR5	McCracken Rd / Vaiden Dr south to MS I55 Welcome Center	3250 LF	$7,000.00
SR6	McIngvale Rd / E Commerce St south to Holly Springs Rd	2500 LF	$6,000.00
SR7	McIngvale Rd / Holly Springs Rd south to Pendulum Dr	2800 LF	$6,500.00
SR8	McIngvale Rd / Holly Springs Rd east to Jaybird Rd	5300 LF	$11,000.00
SR9	Holly Springs Rd / Jaybird Rd east to Getwell Rd	5500 LF	$11,000.00
SR10	Thousand Oaks Dr / Heritage Cove east to Jaybird Rd	4500 LF	$10,000.00
SR11	Jaybird Rd / Holly Springs Rd north to Notting Hill Dr	8400 LF	$17,500.00
SR12	Middle Buster Rd / McIngvale Rd east to Notting Hill Dr / Jaybird Rd	6000 LF	$12,500.00
SR16	Nesbit Rd / Jefferson Davis Cove west to Dean Rd / Odom Rd	3900 LF	$8,500.00
SR17	Dean Rd / Odom Rd west to Tulane Rd	8000 LF	$17,000.00
SR18	Dean Rd / Odom Rd south to Robertson Rd / Odom Road	6700 LF	$13,500.00
SR19	Robertson Rd / Odom Rd south to Pine Tree Rd	4600 LF	$10,000.00
SR20	Tulane Rd between Dean Rd and Pine Tree Rd	10,500 LF	$21,500.00
SR21	Tulane Rd between Pine Tree Rd and Hwy 304	8100 LF	$17,000.00
MU4	Sports & Fitness Track southeast along Vaiden Dr to E Oak Grove	1800 LF	$390,500.00
MU5	Vaiden Dr & E Oak Grove Rd to McCracken Rd	2800 LF	$621,500.00
MU6	McCracken Rd / Vaiden Dr north to Commerce St	3400 LF	$738,000.00
MU13	McCracken Rd east into I55 MS Welcome Center	400 LF	$87,000.00
MU14	E Commerce St / Church St east to Railroad Crossing	2250 LF	$488,500.00
MU15	E Commerce St at Railroad Crossing east to I55 Bridge	2500 LF	$542,500.00
MU16	E Commerce St / I55 Interchange east to Della St	3900 LF	$846,000.00
MU17	Dillworth Dr / I55 Pedestrian Underpass east to McIngvale Rd	2500 LF	$542,500.00
MU18	Thousand Oaks Dr / McIngvale Rd east to Heritage Cove	900 LF	$195,500.00
MU19	Byhalia Rd / N Parkway St north to I55 Underpass	2200 LF	$477,500.00
MU20	Byhalia Rd / I55 Underpass northeast to McIngvale Rd	4100 LF	$889,500.00
MU21	Green T Lake W Rd / Byhalia Rd northwest toward I55	1600 LF	$393,000.00
MU31	Hwy 304 between Tulane Rd and Elm St	14,100 LF	$3,058,500.00

(Continued on next page)

PRIORITIZATION OF PROJECTS

6-10 YEAR PROJECTS (CONTD)

The projects listed below are a continuation of the Years 6-10 project list shown on the previous page.

#	Description	Length	Approx. Cost
GW1	Wren Greenway – Sports & Fitness Track / Vaiden Dr south to Magnolia Dr	3000 LF	$666,500.00
GW2	Thousand Oaks Greenway – Thousand Oaks Dr to Jaybird Rd	5800 LF	$1,827,000.00
GW3	Magnolia Manor Greenway – Memphis St / US Hwy 51 southeast to Robinson Rd / Pleasant Bend Dr	3000 LF	$668,000.00
GW7	Railroad Greenway – Nesbit Rd south to I69 bridge	7400 LF	$2,117,000.00
GW9	Railroad Greenway N – I69 bridge south to Soccer Complex (spurs to Old Hwy 51 & Robertson Rd)	17,000 LF	$4,522,000.00
A1	Trailhead at Vaiden Dr / E Oak Grove Rd	N / A	$55,000.00
A2	Trailhead at Dilworth Ln / McIngvale Rd	N / A	$45,000.00
A3	Trailhead at Jaybird Rd / Notting Hill Dr	N / A	$45,000.00
A4	Trailhead for Grand Manor Greenway	N / A	$45,000.00
A5	Trailhead at Byhalia Rd / McIngvale Rd	N / A	$45,000.00
A7	Trailhead at Nesbit Rd / Jefferson Davis Rd	N / A	$45,000.00
C1	Railroad Crossing at Vaiden Dr	N / A	$150,000.00
C2	Railroad Crossing at E Commerce St	N / A	$150,000.00
C3	E Commerce St multi-use pathway crossing under I55 bridge	N / A	$150,000.00
C4	Byhalia Rd multi-use pathway crossing under I55 bridge	N / A	$150,000.00
C8	Railroad Greenway crossing under railroad bridge	N / A	$150,000.00
C9	Cross Creek Greenway crossing at US Hwy 51	N / A	$150,000.00
C10	Railroad Greenway at grade crossing of railroad	N / A	$150,000.00
C15	Magnolia Manor Greenway / Old Hwy 51 multi-use path crossing of US Hwy 51	N / A	$150,000.00
	TOTAL =	**160,500 LF (30.4 MI)**	**$20,724,000.00**

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PRIORITIZATION OF PROJECTS

11-20 YEAR PROJECTS

The projects listed below are intended to be implemented during Years 11-20. These projects were identified with the involvement of City leadership and stakeholders and represent the desire to complete all connections and routes identified in the planning process.

#	Description	Length	Approx. Cost
SR13	Jaybird Rd / Notting Hill Dr north to Green T Rd	7100 LF	$14,000.00
SR14	Byhalia Rd / Jaybird Rd east past Getwell Rd	8600 LF	$17,500.00
SR15	Getwell Rd / Byhalia Rd north to Pleasant Hill Rd	8300 LF	$17,000.00
SR22	Pine Tree Rd / Tulane Rd east to beginning of MU27	4500 LF	$9,000.00
SR23	Old Hwy 51 / Green T Rd south to beginning of MU30/GW10	2200 LF	$4,500.00
SR25	Oak Crossing Dr / W Oak Grove Rd north to GW11 (Oak Creek Greenway)	2800 LF	$6,500.00
MU22	Byhalia Rd / McIngvale Rd east to Jaybird Rd	3200 LF	$694,500.00
MU23	Green T Rd / Old Hwy 51 east to Tchulahoma Rd	12,300 LF	$2,668,000.00
MU24	Pleasant Hill Rd / Getwell Rd west to McIngvale Rd	10,700 LF	$2,321,000.00
MU25	Pleasant Hill Rd / McIngvale Rd east to I55 Interchange	5700 LF	$1,237,000.00
MU26	Nesbit Rd / Jefferson Davis Cove east to I55 Interchange	4600 LF	$998,000.00
MU27	Pine Tree Rd starting at Robertson Rd extending west	3500 LF	$759,500.00
MU28	Robertson Rd / Pine Tree Rd south to Elm St	11,400 LF	$2,479,000.00
MU29	Whitfield Dr between US Hwy 51 and Old Hwy 51	500 LF	$111,000.00
MU30	Old Hwy 51 north from US Hwy 51 / Memphis St	7100 LF	$1,540,000.00
GW4	Hurricane Creek Greenway – McIngvale Rd west to I55 bridge	6200 LF	$2,091,500.00
GW5	Hurricane Creek Greenway – I55 bridge to US Hwy 51 bridge	1300 LF	$641,000.00
GW6	Hurricane Creek Greenway – US Hwy 51 bridge to RR bridge	3500 LF	$1,223,000.00
GW8	Hernando West Greenway – Pine Tree Rd southeast Robertson Rd / Elm St & Hwy 304	24,300 LF	N / A *
GW11	Cross Creek Greenway – Old Hwy 51 southeast to Pebble Creek Cove East	3900 LF	$1,225,500.00
GW12	Oak Creek Greenway – Oak Crossing Dr north to Hwy 304	3300 LF	$916,500.00
A6	Trailhead for Hurricane Creek Greenway at McIngvale Rd	N / A	$45,000.00
A8	Trailheads (2) for Hernando West Greenway	N / A	$91,500.00
A10	Trailheads (2) for Cross Creek Greenway	N / A	$81,500.00
C5	Hurricane Creek Greenway crossing under I55 bridge	N / A	$150,000.00
C6	Hurricane Creek Greenway crossing under US Hwy 51 bridge	N / A	$150,000.00
C7	Nesbit Rd multi-use pathway crossing under I55 bridge	N / A	$150,000.00
C16	North Parkway St existing bike lanes / multi-use path crossing of US Hwy 51	N / A	$150,000.00
C17	Greenway Crossing of US Hwy 51 near Cobblestone Ln N	N / A	$150,000.00
	TOTAL =	**135,000 LF (25.5 MI)**	**$19,942,000.00**

EXHIBIT A – DETAILED COST ESTIMATES

The following pages provide detailed cost estimates for the seventy-eight (78) shared road, bike lane, multi-use pathway and greenway projects, and the twenty-seven (27) trailhead, gateway, and crossing projects identified in this plan.

Cost shown in the plan were generated in May, 2019, and reflect current construction cost. Cost listed in the plan are preliminary and may increase depending on the length of time between adoption of this plan and budgeting for implementation. Cost estimates should be reviewed and possibly updated prior to setting a final budget for each project identified in the plan.

Since Engineer has no control over the cost of labor, materials, equipment or services furnished by others, or over the Contractor's methods of determining prices, or over competitive bidding or market conditions, the opinions of probable cost provided for herein are made on the basis of experience and qualifications and represent Engineer's best judgment as an experienced and qualified professional, generally familiar with the construction industry; but Engineer cannot and does not guarantee that proposals, bids or actual Construction Cost will not vary from opinions of probable cost prepared by Engineer.

PROPOSED SHARE THE ROAD

May, 2019

SR1	College Street	College St/W South St. south to W Oak Grove Rd.	2000	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
626-H004	144.00	SF	THERMOPLASTIC LEGEND, WHITE	$10.00	$1,440.00
630-A001	8.00	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS	$70.00	$560.00
630-C003	40.00	LF	STEEL U-SECTION POSTS, 3.0 TO 3.5 LB/FT	$18.00	$720.00
			SUBTOTAL CONSTRUCTION COSTS		**$2,720.00**
620-A001	1.00	LS	MOBILIZATION		$136.00
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$136.00
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$81.60
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$544.00
	1.00	LS	CONTINGENCY		$544.00
			TOTAL SEGMENT COSTS		**$4,161.60**

SR2	E. South St.	E. South St./Church Rd. east to Mt. Pleasant	2100	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
626-H004	151.20	SF	THERMOPLASTIC LEGEND, WHITE	$10.00	$1,512.00
630-A001	8.00	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS	$70.00	$560.00
630-C003	40.00	LF	STEEL U-SECTION POSTS, 3.0 TO 3.5 LB/FT	$18.00	$720.00
			SUBTOTAL CONSTRUCTION COSTS		**$2,792.00**
620-A001	1.00	LS	MOBILIZATION		$139.60
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$139.60
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$83.76
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$558.40
	1.00	LS	CONTINGENCY		$558.40
			TOTAL SEGMENT COSTS		**$4,271.76**

SR3	E. Oak Grove	Wren St./E. Oak Grove east to Vaiden	1800	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
626-H004	129.60	SF	THERMOPLASTIC LEGEND, WHITE	$10.00	$1,296.00
630-A001	8.00	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS	$70.00	$560.00
630-C003	40.00	LF	STEEL U-SECTION POSTS, 3.0 TO 3.5 LB/FT	$18.00	$720.00
			SUBTOTAL CONSTRUCTION COSTS		**$2,576.00**
620-A001	1.00	LS	MOBILIZATION		$128.80
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$128.80
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$77.28
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$515.20
	1.00	LS	CONTINGENCY		$515.20
			TOTAL SEGMENT COSTS		**$3,941.28**

SR4	Magnolia Dr.	Magnlia/Oak Grove south to Hwy 51	4100	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
626-H004	295.20	SF	THERMOPLASTIC LEGEND, WHITE	$10.00	$2,952.00
630-A001	16.00	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS	$70.00	$1,120.00
630-C003	80.00	LF	STEEL U-SECTION POSTS, 3.0 TO 3.5 LB/FT	$18.00	$1,440.00
			SUBTOTAL CONSTRUCTION COSTS		**$5,512.00**
620-A001	1.00	LS	MOBILIZATION		$275.60
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$275.60
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$165.36
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$1,102.40
	1.00	LS	CONTINGENCY		$1,102.40
			TOTAL SEGMENT COSTS		**$8,433.36**

SR5	McCracken Rd.	McCracken/Vaiden south to Rest Area	3250	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
626-H004	234.00	SF	THERMOPLASTIC LEGEND, WHITE	$10.00	$2,340.00
630-A001	12.00	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS	$70.00	$840.00
630-C003	60.00	LF	STEEL U-SECTION POSTS, 3.0 TO 3.5 LB/FT	$18.00	$1,080.00
			SUBTOTAL CONSTRUCTION COSTS		**$4,260.00**
620-A001	1.00	LS	MOBILIZATION		$213.00
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$213.00
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$127.80
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$852.00
	1.00	LS	CONTINGENCY		$852.00
			TOTAL SEGMENT COSTS		**$6,517.80**

PROPOSED SHARE THE ROAD

SR6	McIngvale Rd.	McIngvale/Commerce south to Holly Springs Rd	2500	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
626-H004	180.00	SF	THERMOPLASTIC LEGEND, WHITE	$10.00	$1,800.00
630-A001	12.00	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS	$70.00	$840.00
630-C003	60.00	LF	STEEL U-SECTION POSTS, 3.0 TO 3.5 LB/FT	$18.00	$1,080.00
			SUBTOTAL CONSTRUCTION COSTS		**$3,720.00**
620-A001	1.00	LS	MOBILIZATION		$186.00
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$186.00
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$111.60
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$744.00
	1.00	LS	CONTINGENCY		$744.00
			TOTAL SEGMENT COSTS		**$5,691.60**

SR7	McIngvale Rd.	McIngvale/Holly Springs Rd south to Pendulum Dr	2800	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
626-H004	201.60	SF	THERMOPLASTIC LEGEND, WHITE	$10.00	$2,016.00
630-A001	12.00	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS	$70.00	$840.00
630-C003	60.00	LF	STEEL U-SECTION POSTS, 3.0 TO 3.5 LB/FT	$18.00	$1,080.00
			SUBTOTAL CONSTRUCTION COSTS		**$3,936.00**
620-A001	1.00	LS	MOBILIZATION		$196.80
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$196.80
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$118.08
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$787.20
	1.00	LS	CONTINGENCY		$787.20
			TOTAL SEGMENT COSTS		**$6,022.08**

SR8	Holly Springs Rd.	McIngvale/Holly Springs Rd east to Jaybird Rd	5300	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
626-H004	381.60	SF	THERMOPLASTIC LEGEND, WHITE	$10.00	$3,816.00
630-A001	20.00	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS	$70.00	$1,400.00
630-C003	100.00	LF	STEEL U-SECTION POSTS, 3.0 TO 3.5 LB/FT	$18.00	$1,800.00
			SUBTOTAL CONSTRUCTION COSTS		**$7,016.00**
620-A001	1.00	LS	MOBILIZATION		$350.80
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$350.80
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$210.48
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$1,403.20
	1.00	LS	CONTINGENCY		$1,403.20
			TOTAL SEGMENT COSTS		**$10,734.48**

SR9	Holly Springs Rd.	Holly Springs Rd/Jaybird Rd east to Getwell Rd	5500	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
626-H004	396.00	SF	THERMOPLASTIC LEGEND, WHITE	$10.00	$3,960.00
630-A001	20.00	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS	$70.00	$1,400.00
630-C003	100.00	LF	STEEL U-SECTION POSTS, 3.0 TO 3.5 LB/FT	$18.00	$1,800.00
			SUBTOTAL CONSTRUCTION COSTS		**$7,160.00**
620-A001	1.00	LS	MOBILIZATION		$358.00
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$358.00
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$214.80
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$1,432.00
	1.00	LS	CONTINGENCY		$1,432.00
			TOTAL SEGMENT COSTS		**$10,954.80**

SR10	Thousand Oaks Dr.	Thousand Oaks/Heritage east to Jayird Rd.	4500	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
626-H004	324.00	SF	THERMOPLASTIC LEGEND, WHITE	$10.00	$3,240.00
630-A001	20.00	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS	$70.00	$1,400.00
630-C003	100.00	LF	STEEL U-SECTION POSTS, 3.0 TO 3.5 LB/FT	$18.00	$1,800.00
			SUBTOTAL CONSTRUCTION COSTS		**$6,440.00**
620-A001	1.00	LS	MOBILIZATION		$322.00
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$322.00
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$193.20
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$1,288.00
	1.00	LS	CONTINGENCY		$1,288.00
			TOTAL SEGMENT COSTS		**$9,853.20**

PROPOSED SHARE THE ROAD

SR11	Jaybird Rd.	Jaybird/Holly Springs north to Notting Hill	8400	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
626-H004	604.80	SF	THERMOPLASTIC LEGEND, WHITE	$10.00	$6,048.00
630-A001	32.00	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS	$70.00	$2,240.00
630-C003	160.00	LF	STEEL U-SECTION POSTS, 3.0 TO 3.5 LB/FT	$18.00	$2,880.00
			SUBTOTAL CONSTRUCTION COSTS		**$11,168.00**
620-A001	1.00	LS	MOBILIZATION		$558.40
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$558.40
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$335.04
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$2,233.60
	1.00	LS	CONTINGENCY		$2,233.60
			TOTAL SEGMENT COSTS		**$17,087.04**

SR12	Middle Buster Dr.	Middle Buster/McIngvale east to Notting Hill/Jaybird	6000	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
626-H004	432.00	SF	THERMOPLASTIC LEGEND, WHITE	$10.00	$4,320.00
630-A001	24.00	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS	$70.00	$1,680.00
630-C003	120.00	LF	STEEL U-SECTION POSTS, 3.0 TO 3.5 LB/FT	$18.00	$2,160.00
			SUBTOTAL CONSTRUCTION COSTS		**$8,160.00**
620-A001	1.00	LS	MOBILIZATION		$408.00
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$408.00
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$244.80
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$1,632.00
	1.00	LS	CONTINGENCY		$1,632.00
			TOTAL SEGMENT COSTS		**$12,484.80**

SR13	Jaybird Rd.	Jaybird/Notting Hill north to GreenT Rd.	7100	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
626-H004	511.20	SF	THERMOPLASTIC LEGEND, WHITE	$10.00	$5,112.00
630-A001	24.00	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS	$70.00	$1,680.00
630-C003	120.00	LF	STEEL U-SECTION POSTS, 3.0 TO 3.5 LB/FT	$18.00	$2,160.00
			SUBTOTAL CONSTRUCTION COSTS		**$8,952.00**
620-A001	1.00	LS	MOBILIZATION		$447.60
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$447.60
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$268.56
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$1,790.40
	1.00	LS	CONTINGENCY		$1,790.40
			TOTAL SEGMENT COSTS		**$13,696.56**

SR14	Byhalia Rd.	Byhalia/Jaybird east past Getwell Rd.	8600	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
626-H004	619.20	SF	THERMOPLASTIC LEGEND, WHITE	$10.00	$6,192.00
630-A001	32.00	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS	$70.00	$2,240.00
630-C003	160.00	LF	STEEL U-SECTION POSTS, 3.0 TO 3.5 LB/FT	$18.00	$2,880.00
			SUBTOTAL CONSTRUCTION COSTS		**$11,312.00**
620-A001	1.00	LS	MOBILIZATION		$565.60
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$565.60
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$339.36
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$2,262.40
	1.00	LS	CONTINGENCY		$2,262.40
			TOTAL SEGMENT COSTS		**$17,307.36**

SR15	Getwell Rd.	Getwell/Byhalia north to Pleasant Hill	8300	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
626-H004	597.60	SF	THERMOPLASTIC LEGEND, WHITE	$10.00	$5,976.00
630-A001	32.00	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS	$70.00	$2,240.00
630-C003	160.00	LF	STEEL U-SECTION POSTS, 3.0 TO 3.5 LB/FT	$18.00	$2,880.00
			SUBTOTAL CONSTRUCTION COSTS		**$11,096.00**
620-A001	1.00	LS	MOBILIZATION		$554.80
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$554.80
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$332.88
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$2,219.20
	1.00	LS	CONTINGENCY		$2,219.20
			TOTAL SEGMENT COSTS		**$16,976.88**

PROPOSED SHARE THE ROAD

SR16	Nesbit Rd.	Nesbit/Jefferson Davis west to Dean/Odom Rd.	3900	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
626-H004	280.80	SF	THERMOPLASTIC LEGEND, WHITE	$10.00	$2,808.00
630-A001	16.00	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS	$70.00	$1,120.00
630-C003	80.00	LF	STEEL U-SECTION POSTS, 3.0 TO 3.5 LB/FT	$18.00	$1,440.00
			SUBTOTAL CONSTRUCTION COSTS		**$5,368.00**
620-A001	1.00	LS	MOBILIZATION		$268.40
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$268.40
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$161.04
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$1,073.60
	1.00	LS	CONTINGENCY		$1,073.60
			TOTAL SEGMENT COSTS		**$8,213.04**

SR17	Dean Rd.	Dean/Odom west to Tulane	8000	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
626-H004	576.00	SF	THERMOPLASTIC LEGEND, WHITE	$10.00	$5,760.00
630-A001	32.00	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS	$70.00	$2,240.00
630-C003	160.00	LF	STEEL U-SECTION POSTS, 3.0 TO 3.5 LB/FT	$18.00	$2,880.00
			SUBTOTAL CONSTRUCTION COSTS		**$10,880.00**
620-A001	1.00	LS	MOBILIZATION		$544.00
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$544.00
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$326.40
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$2,176.00
	1.00	LS	CONTINGENCY		$2,176.00
			TOTAL SEGMENT COSTS		**$16,646.40**

SR18	Odom Rd.	Odom/Dean south to Robertson/Odom	6700	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
626-H004	482.40	SF	THERMOPLASTIC LEGEND, WHITE	$10.00	$4,824.00
630-A001	24.00	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS	$70.00	$1,680.00
630-C003	120.00	LF	STEEL U-SECTION POSTS, 3.0 TO 3.5 LB/FT	$18.00	$2,160.00
			SUBTOTAL CONSTRUCTION COSTS		**$8,664.00**
620-A001	1.00	LS	MOBILIZATION		$433.20
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$433.20
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$259.92
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$1,732.80
	1.00	LS	CONTINGENCY		$1,732.80
			TOTAL SEGMENT COSTS		**$13,255.92**

SR19	Robertson Rd.	Robertson/Odom south to Pine Tree Rd.	4600	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
626-H004	331.20	SF	THERMOPLASTIC LEGEND, WHITE	$10.00	$3,312.00
630-A001	20.00	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS	$70.00	$1,400.00
630-C003	100.00	LF	STEEL U-SECTION POSTS, 3.0 TO 3.5 LB/FT	$18.00	$1,800.00
			SUBTOTAL CONSTRUCTION COSTS		**$6,512.00**
620-A001	1.00	LS	MOBILIZATION		$325.60
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$325.60
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$195.36
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$1,302.40
	1.00	LS	CONTINGENCY		$1,302.40
			TOTAL SEGMENT COSTS		**$9,963.36**

SR20	Tulane Rd.	Tulane Rd between Dean and Pine Tree	10500	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
626-H004	756.00	SF	THERMOPLASTIC LEGEND, WHITE	$10.00	$7,560.00
630-A001	40.00	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS	$70.00	$2,800.00
630-C003	200.00	LF	STEEL U-SECTION POSTS, 3.0 TO 3.5 LB/FT	$18.00	$3,600.00
			SUBTOTAL CONSTRUCTION COSTS		**$13,960.00**
620-A001	1.00	LS	MOBILIZATION		$698.00
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$698.00
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$418.80

PROPOSED SHARE THE ROAD

	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$2,792.00
	1.00	LS	CONTINGENCY		$2,792.00
			TOTAL SEGMENT COSTS		**$21,358.80**

SR21	Tulane Rd.	Tulane Rd between Pine Tree and 304	8100	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
626-H004	583.20	SF	THERMOPLASTIC LEGEND, WHITE	$10.00	$5,832.00
630-A001	32.00	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS	$70.00	$2,240.00
630-C003	160.00	LF	STEEL U-SECTION POSTS, 3.0 TO 3.5 LB/FT	$18.00	$2,880.00
			SUBTOTAL CONSTRUCTION COSTS		**$10,952.00**
620-A001	1.00	LS	MOBILIZATION		$547.60
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$547.60
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$328.56
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$2,190.40
	1.00	LS	CONTINGENCY		$2,190.40
			TOTAL SEGMENT COSTS		**$16,756.56**

SR22	Pine Tree Rd.	Pine Treen Rd. starting at Tulane running East	4500	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
626-H004	324.00	SF	THERMOPLASTIC LEGEND, WHITE	$10.00	$3,240.00
630-A001	16.00	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS	$70.00	$1,120.00
630-C003	80.00	LF	STEEL U-SECTION POSTS, 3.0 TO 3.5 LB/FT	$18.00	$1,440.00
			SUBTOTAL CONSTRUCTION COSTS		**$5,800.00**
620-A001	1.00	LS	MOBILIZATION		$290.00
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$290.00
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$174.00
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$1,160.00
	1.00	LS	CONTINGENCY		$1,160.00
			TOTAL SEGMENT COSTS		**$8,874.00**

SR23	Old Hwy 51	Old Hwy 51/Green T running South	2200	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
626-H004	158.40	SF	THERMOPLASTIC LEGEND, WHITE	$10.00	$1,584.00
630-A001	8.00	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS	$70.00	$560.00
630-C003	40.00	LF	STEEL U-SECTION POSTS, 3.0 TO 3.5 LB/FT	$18.00	$720.00
			SUBTOTAL CONSTRUCTION COSTS		**$2,864.00**
620-A001	1.00	LS	MOBILIZATION		$143.20
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$143.20
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$85.92
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$572.80
	1.00	LS	CONTINGENCY		$572.80
			TOTAL SEGMENT COSTS		**$4,381.92**

SR24	W. Oak Grove	W. Oak Grove between Fletcher and Oak Crossing	8400	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
626-H004	604.80	SF	THERMOPLASTIC LEGEND, WHITE	$10.00	$6,048.00
630-A001	32.00	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS	$70.00	$2,240.00
630-C003	160.00	LF	STEEL U-SECTION POSTS, 3.0 TO 3.5 LB/FT	$18.00	$2,880.00
			SUBTOTAL CONSTRUCTION COSTS		**$11,168.00**
620-A001	1.00	LS	MOBILIZATION		$558.40
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$558.40
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$335.04
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$2,233.60
	1.00	LS	CONTINGENCY		$2,233.60
			TOTAL SEGMENT COSTS		**$17,087.04**

SR25	Oak Crossing Dr.	Oak Crossing between Oak Grove and Oak Manor	2800	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
626-H004	201.60	SF	THERMOPLASTIC LEGEND, WHITE	$10.00	$2,016.00
630-A001	12.00	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS	$70.00	$840.00
630-C003	60.00	LF	STEEL U-SECTION POSTS, 3.0 TO 3.5 LB/FT	$18.00	$1,080.00
			SUBTOTAL CONSTRUCTION COSTS		**$3,936.00**
620-A001	1.00	LS	MOBILIZATION		$196.80

PROPOSED SHARE THE ROAD

907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$196.80
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$118.08
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$787.20
	1.00	LS	CONTINGENCY		$787.20
			TOTAL SEGMENT COSTS		**$6,022.08**

SR26	Robertson Gin Rd.	Robertson Gin Road running south from Danny Phillips	4000	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
626-H004	288.00	SF	THERMOPLASTIC LEGEND, WHITE	$10.00	$2,880.00
630-A001	8.00	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS	$70.00	$560.00
630-C003	40.00	LF	STEEL U-SECTION POSTS, 3.0 TO 3.5 LB/FT	$18.00	$720.00
			SUBTOTAL CONSTRUCTION COSTS		**$4,160.00**
620-A001	1.00	LS	MOBILIZATION		$208.00
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$208.00
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$124.80
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$832.00
	1.00	LS	CONTINGENCY		$832.00
			TOTAL SEGMENT COSTS		**$6,364.80**

Since Engineer has no control over the cost of labor, materials, equipment or services furnished by others, or over the Contractor's methods of determining prices, or over competitive bidding or market conditions, the opinions of probable cost provided for herein are made on the basis of experience and qualifications and represent Engineer's best judgment as an experienced and qualified professional, generally familiar with the construction industry; but Engineer cannot and does not guarantee that proposals, bids or actual Construction Cost will not vary from opinions of probable cost prepared by Engineer.

PROPOSED BIKE LANE

May, 2019

BL1	Mt. Pleasant Rd.	Mt. Pleasant Rd./E. South St. south to Vaiden Dr. (750lf x 2)	1500	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
202-B240	1,500.00	LF	REMOVAL OF TRAFFIC STRIPE	$1.00	$1,500.00
626-C003	1,500.00	LF	6" THERMOPLASTIC EDGE STRIPE, CONTINUOUS WHITE	$5.00	$7,500.00
626-H004	74.00	SF	THERMOPLASTIC LEGEND, WHITE	$10.00	$740.00
630-A001	4.00	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS	$70.00	$280.00
630-C003	20.00	LF	STEEL U-SECTION POSTS, 3.0 TO 3.5 LB/FT	$18.00	$360.00
			SUBTOTAL CONSTRUCTION COSTS		**$10,380.00**
620-A001	1.00	LS	MOBILIZATION		$519.00
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$519.00
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$311.40
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$2,076.00
	1.00	LS	CONTINGENCY		$2,076.00
			TOTAL SEGMENT COSTS		**$15,881.40**

BL2	Danny Phillips Blvd.	Danny Phillips /Robertson Gin west through Park to existing Bike Lane (4100lf x 2)	8200	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
202-B240	8,200.00	LF	REMOVAL OF TRAFFIC STRIPE	$1.00	$8,200.00
626-C003	8,200.00	LF	6" THERMOPLASTIC EDGE STRIPE, CONTINUOUS WHITE	$5.00	$41,000.00
626-H004	148.00	SF	THERMOPLASTIC LEGEND, WHITE	$10.00	$1,480.00
630-A001	8.00	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS	$70.00	$560.00
630-C003	40.00	LF	STEEL U-SECTION POSTS, 3.0 TO 3.5 LB/FT	$18.00	$720.00
			SUBTOTAL CONSTRUCTION COSTS		**$51,960.00**
620-A001	1.00	LS	MOBILIZATION		$2,598.00
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$2,598.00
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$1,558.80
	2.82	ACRE	ROW PURCHASE	$10,000.00	$28,236.91
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$10,392.00
	1.00	LS	CONTINGENCY		$10,392.00
			TOTAL SEGMENT COSTS		**$107,735.71**

BL3	Mt. Pleasant Rd.	Mt. Pleasant/Commerce north to Robinson St. (1700lf x 2)	3400	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
202-B240	3,400.00	LF	REMOVAL OF TRAFFIC STRIPE	$1.00	$3,400.00
626-C003	3,400.00	LF	6" THERMOPLASTIC EDGE STRIPE, CONTINUOUS WHITE	$5.00	$17,000.00
626-H004	74.00	SF	THERMOPLASTIC LEGEND, WHITE	$10.00	$740.00
630-A001	4.00	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS	$70.00	$280.00
630-C003	20.00	LF	STEEL U-SECTION POSTS, 3.0 TO 3.5 LB/FT	$18.00	$360.00
			SUBTOTAL CONSTRUCTION COSTS		**$21,780.00**
620-A001	1.00	LS	MOBILIZATION		$1,089.00
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$1,089.00
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$653.40
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$4,356.00
	1.00	LS	CONTINGENCY		$4,356.00
			TOTAL SEGMENT COSTS		**$33,323.40**

BL4	Mt. Pleasant Rd.	Mt. Pleasant Rd at Riley connect existing (450 lf x 2)	900	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
202-B240	900.00	LF	REMOVAL OF TRAFFIC STRIPE	$1.00	$900.00
626-C003	900.00	LF	6" THERMOPLASTIC EDGE STRIPE, CONTINUOUS WHITE	$5.00	$4,500.00
626-H004	74.00	SF	THERMOPLASTIC LEGEND, WHITE	$10.00	$740.00
630-A001	4.00	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS	$70.00	$280.00
630-C003	20.00	LF	STEEL U-SECTION POSTS, 3.0 TO 3.5 LB/FT	$18.00	$360.00
			SUBTOTAL CONSTRUCTION COSTS		**$6,780.00**
620-A001	1.00	LS	MOBILIZATION		$339.00
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$339.00
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$203.40
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$1,356.00
	1.00	LS	CONTINGENCY		$1,356.00
			TOTAL SEGMENT COSTS		**$10,373.40**

BL5	McIngvale Rd.	McIngvale/Greent north to existing Bike Lanes (2500lf x 2)	5000	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
202-B240	5,000.00	LF	REMOVAL OF TRAFFIC STRIPE	$1.00	$5,000.00
626-C003	5,000.00	LF	6" THERMOPLASTIC EDGE STRIPE, CONTINUOUS WHITE	$5.00	$25,000.00
626-H004	148.00	SF	THERMOPLASTIC LEGEND, WHITE	$10.00	$1,480.00
630-A001	8.00	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS	$70.00	$560.00
630-C003	40.00	LF	STEEL U-SECTION POSTS, 3.0 TO 3.5 LB/FT	$18.00	$720.00
			SUBTOTAL CONSTRUCTION COSTS		**$32,760.00**
620-A001	1.00	LS	MOBILIZATION		$1,638.00
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$1,638.00
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$982.80
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$6,552.00
	1.00	LS	CONTINGENCY		$6,552.00
			TOTAL SEGMENT COSTS		**$50,122.80**

PROPOSED BIKE LANE

BL6	Robinson St.	Robinson/Elm east to Hwy 51 (1000lf x 2)	2000	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
202-B240	2,000.00	LF	REMOVAL OF TRAFFIC STRIPE	$1.00	$2,000.00
626-C003	2,000.00	LF	6" THERMOPLASTIC EDGE STRIPE, CONTINUOUS WHITE	$5.00	$10,000.00
626-H004	74.00	SF	THERMOPLASTIC LEGEND, WHITE	$10.00	$740.00
630-A001	4.00	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS	$70.00	$280.00
630-C003	20.00	LF	STEEL U-SECTION POSTS, 3.0 TO 3.5 LB/FT	$18.00	$360.00
			SUBTOTAL CONSTRUCTION COSTS		**$13,380.00**
620-A001	1.00	LS	MOBILIZATION		$669.00
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$669.00
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$401.40
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$2,676.00
	1.00	LS	CONTINGENCY		$2,676.00
			TOTAL SEGMENT COSTS		**$20,471.40**

BL7	Northwood West Dr.	Northwood West Dr. between Robertson/Northwood Hills Dr. (2200lf x 2)	4400	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
202-B240	4,400.00	LF	REMOVAL OF TRAFFIC STRIPE	$1.00	$4,400.00
626-C003	4,400.00	LF	6" THERMOPLASTIC EDGE STRIPE, CONTINUOUS WHITE	$5.00	$22,000.00
626-H004	148.00	SF	THERMOPLASTIC LEGEND, WHITE	$10.00	$1,480.00
630-A001	8.00	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS	$70.00	$560.00
630-C003	40.00	LF	STEEL U-SECTION POSTS, 3.0 TO 3.5 LB/FT	$18.00	$720.00
			SUBTOTAL CONSTRUCTION COSTS		**$29,160.00**
620-A001	1.00	LS	MOBILIZATION		$1,458.00
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$1,458.00
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$874.80
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$5,832.00
	1.00	LS	CONTINGENCY		$5,832.00
			TOTAL SEGMENT COSTS		**$44,614.80**

Since Engineer has no control over the cost of labor, materials, equipment or services furnished by others, or over the Contractor's methods of determining prices, or over competitive bidding or market conditions, the opinions of probable cost provided for herein are made on the basis of experience and qualifications and represent Engineer's best judgment as an experienced and qualified professional, generally familiar with the construction industry; but Engineer cannot and does not guarantee that proposals, bids or actual Construction Cost will not vary from opinions of probable cost prepared by Engineer.

PROPOSED MULTI USE PATH, 10' WIDE CONCRETE

May, 2019

MU1	Panola St. & Caffey St.	Southern/Panola south to Caffey and Oak Grove	1800	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.41	ACRE	CLEARING AND GRUBBING	$5,000.00	$2,027.79
203-G003	800.00	CY	EXCESS EXCAVATION	$25.00	$20,000.00
304-D002	594.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$23,760.00
608-A001	2,000.00	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$100,000.00
625-A003	1,800.00	LF	TRAFFIC STRIPE, SKIP WHITE	$2.00	$3,600.00
225-A001	0.08	ACRE	GRASSING	$1,500.00	$123.97
683-A000	1,800.00	LF	LIGHTING	$50.00	$90,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$239,511.76**
620-A001	1.00	LS	MOBILIZATION		$11,975.59
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$11,975.59
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$7,185.35
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$47,902.35
	1.00	LS	CONTINGENCY		$71,853.53
			TOTAL SEGMENT COSTS		**$390,404.16**

MU2	School St/Park St./Old US 5	E. South St/School south to Park, east on Park to Old Hwy 51, south on Old Hwy 51 to Oak Grove Rd.	2100	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.47	ACRE	CLEARING AND GRUBBING	$5,000.00	$2,365.75
203-G003	933.33	CY	EXCESS EXCAVATION	$25.00	$23,333.33
304-D002	693.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$27,720.00
608-A001	2,333.33	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$116,666.67
625-A003	2,100.00	LF	TRAFFIC STRIPE, SKIP WHITE	$2.00	$4,200.00
225-A001	0.10	ACRE	GRASSING	$1,500.00	$144.63
683-A000	2,100.00	LF	LIGHTING	$50.00	$105,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$279,430.38**
620-A001	1.00	LS	MOBILIZATION		$13,971.52
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$13,971.52
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$8,382.91
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$55,886.08
	1.00	LS	CONTINGENCY		$83,829.11
			TOTAL SEGMENT COSTS		**$455,471.52**

MU3	Sports & Fitness Track	Old Hwy 51 east to Hernando Sport & Fitness Track between West South St. and Vaiden Dr.	1000	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.23	ACRE	CLEARING AND GRUBBING	$5,000.00	$1,126.55
203-G003	444.44	CY	EXCESS EXCAVATION	$25.00	$11,111.11
304-D002	330.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$13,200.00
608-A001	1,111.11	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$55,555.56
625-A003	1,000.00	LF	TRAFFIC STRIPE, SKIP WHITE	$2.00	$2,000.00
225-A001	0.05	ACRE	GRASSING	$1,500.00	$68.87
683-A000	1,000.00	LF	LIGHTING	$50.00	$50,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$133,062.09**
620-A001	1.00	LS	MOBILIZATION		$6,653.10
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$6,653.10
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$3,991.86
	0.37	ACRE	ROW PURCHASE	$100,000.00	$36,730.95
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$26,612.42
	1.00	LS	CONTINGENCY		$39,918.63
			TOTAL SEGMENT COSTS		**$253,622.15**

MU4	Vaiden Dr.	Hernando Sports & Fitness Track southeast along Vaiden Dr. to E. Oak Grove	1800	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.41	ACRE	CLEARING AND GRUBBING	$5,000.00	$2,027.79
203-G003	800.00	CY	EXCESS EXCAVATION	$25.00	$20,000.00
304-D002	594.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$23,760.00
608-A001	2,000.00	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$100,000.00
625-A003	1,800.00	LF	TRAFFIC STRIPE, SKIP WHITE	$2.00	$3,600.00
225-A001	0.08	ACRE	GRASSING	$1,500.00	$123.97
683-A000	1,800.00	LF	LIGHTING	$50.00	$90,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$239,511.76**
620-A001	1.00	LS	MOBILIZATION		$11,975.59
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$11,975.59
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$7,185.35
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$47,902.35
	1.00	LS	CONTINGENCY		$71,853.53
			TOTAL SEGMENT COSTS		**$390,404.16**

MU5	Vaiden Dr.	Vaiden and E. Oak Grove east to McCracken	2800	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.63	ACRE	CLEARING AND GRUBBING	$5,000.00	$3,154.34
203-G003	1,244.44	CY	EXCESS EXCAVATION	$25.00	$31,111.11
304-D002	924.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$36,960.00
608-A001	3,111.11	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$155,555.56
625-A003	2,800.00	LF	TRAFFIC STRIPE, SKIP WHITE	$2.00	$5,600.00

PROPOSED MULTI USE PATH, 10' WIDE CONCRETE

225-A001	0.13	ACRE	GRASSING	$1,500.00	$192.84
683-A000	2,800.00	LF	LIGHTING	$50.00	$140,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$372,573.84**
620-A001	1.00	LS	MOBILIZATION		$18,628.69
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$18,628.69
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$11,177.22
	0.07	ACRE	ROW PURCHASE	$200,000.00	$13,774.10
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$74,514.77
	1.00	LS	CONTINGENCY		$111,772.15
			TOTAL SEGMENT COSTS		**$621,069.47**

MU6	McCracken Rd.	McCracken/Vaiden north to Commerce St.	3400	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.77	ACRE	CLEARING AND GRUBBING	$5,000.00	$3,830.27
203-G003	1,511.11	CY	EXCESS EXCAVATION	$25.00	$37,777.78
304-D002	1122.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$44,880.00
608-A001	3,777.78	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$188,888.89
625-A003	3,400.00	LF	TRAFFIC STRIPE, SKIP WHITE	$2.00	$6,800.00
225-A001	0.16	ACRE	GRASSING	$1,500.00	$234.16
683-A000	3,400.00	LF	LIGHTING	$50.00	$170,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$452,411.09**
620-A001	1.00	LS	MOBILIZATION		$22,620.55
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$22,620.55
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$13,572.33
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$90,482.22
	1.00	LS	CONTINGENCY		$135,723.33
			TOTAL SEGMENT COSTS		**$737,430.08**

MU7	Mt. Pleasant Rd.	Commerce/Mt. Pleasant south to E. South St.	700	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.16	ACRE	CLEARING AND GRUBBING	$5,000.00	$788.58
203-G003	311.11	CY	EXCESS EXCAVATION	$25.00	$7,777.78
304-D002	231.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$9,240.00
608-A001	777.78	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$38,888.89
625-A003	700.00	LF	TRAFFIC STRIPE, SKIP WHITE	$2.00	$1,400.00
225-A001	0.03	ACRE	GRASSING	$1,500.00	$48.21
683-A000	700.00	LF	LIGHTING	$50.00	$35,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$93,143.46**
620-A001	1.00	LS	MOBILIZATION		$4,657.17
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$4,657.17
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$2,794.30
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$18,628.69
	1.00	LS	CONTINGENCY		$27,943.04
			TOTAL SEGMENT COSTS		**$151,823.84**

MU8	Conger Park	Extend existing Multi-use Path south	400	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.09	ACRE	CLEARING AND GRUBBING	$5,000.00	$450.62
203-G003	177.78	CY	EXCESS EXCAVATION	$25.00	$4,444.44
304-D002	132.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$5,280.00
608-A001	444.44	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$22,222.22
625-A003	400.00	LF	TRAFFIC STRIPE, SKIP WHITE	$2.00	$800.00
225-A001	0.02	ACRE	GRASSING	$1,500.00	$27.55
683-A000	400.00	LF	LIGHTING	$50.00	$20,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$53,224.83**
620-A001	1.00	LS	MOBILIZATION		$2,661.24
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$2,661.24
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$1,596.75
	0.09	ACRE	ROW PURCHASE	$100,000.00	$9,182.74
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$10,644.97
	1.00	LS	CONTINGENCY		$15,967.45
			TOTAL SEGMENT COSTS		**$95,939.22**

MU9	Conger Park South	Multi-use Path between Magnolia and Old Hwy 51 south of Conger Park	800	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.18	ACRE	CLEARING AND GRUBBING	$5,000.00	$901.24
203-G003	355.56	CY	EXCESS EXCAVATION	$25.00	$8,888.89
304-D002	264.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$10,560.00
608-A001	888.89	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$44,444.44
625-A003	800.00	LF	TRAFFIC STRIPE, SKIP WHITE	$2.00	$1,600.00
225-A001	0.04	ACRE	GRASSING	$1,500.00	$55.10
683-A000	800.00	LF	LIGHTING	$50.00	$40,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$106,449.67**
620-A001	1.00	LS	MOBILIZATION		$5,322.48
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$5,322.48
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$3,193.49
	0.37	ACRE	ROW PURCHASE	$100,000.00	$36,730.95
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$21,289.93
	1.00	LS	CONTINGENCY		$31,934.90
			TOTAL SEGMENT COSTS		**$210,243.91**

PROPOSED MULTI USE PATH, 10' WIDE CONCRETE

MU10	W. Oak Grove Rd.	W. Oak Grove/Conger Park west to College St.	2800	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.63	ACRE	CLEARING AND GRUBBING	$5,000.00	$3,154.34
203-G003	1,244.44	CY	EXCESS EXCAVATION	$25.00	$31,111.11
304-D002	924.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$36,960.00
608-A001	3,111.11	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$155,555.56
625-A003	2,800.00	LF	TRAFFIC STRIPE, SKIP WHITE	$2.00	$5,600.00
225-A001	0.13	ACRE	GRASSING	$1,500.00	$192.84
683-A000	2,800.00	LF	LIGHTING	$50.00	$140,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$372,573.84**
620-A001	1.00	LS	MOBILIZATION		$18,628.69
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$18,628.69
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$11,177.22
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$74,514.77
	1.00	LS	CONTINGENCY		$111,772.15
			TOTAL SEGMENT COSTS		**$607,295.36**

MU11	W. Oak Grove Rd.	W.Oak Grove/College west to Fletcher St.	2000	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.45	ACRE	CLEARING AND GRUBBING	$5,000.00	$2,253.10
203-G003	888.89	CY	EXCESS EXCAVATION	$25.00	$22,222.22
304-D002	660.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$26,400.00
608-A001	2,222.22	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$111,111.11
625-A003	2,000.00	LF	TRAFFIC STRIPE, SKIP WHITE	$2.00	$4,000.00
225-A001	0.09	ACRE	GRASSING	$1,500.00	$137.74
683-A000	2,000.00	LF	LIGHTING	$50.00	$100,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$266,124.17**
620-A001	1.00	LS	MOBILIZATION		$13,306.21
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$13,306.21
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$7,983.73
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$53,224.83
	1.00	LS	CONTINGENCY		$79,837.25
			TOTAL SEGMENT COSTS		**$433,782.40**

MU12	Robertson Gin Rd	Robertson Gin/Oak Grove south to Danny Phillips Blvd.	3900	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.88	ACRE	CLEARING AND GRUBBING	$5,000.00	$4,393.54
203-G003	1,733.33	CY	EXCESS EXCAVATION	$25.00	$43,333.33
304-D002	1287.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$51,480.00
608-A001	4,333.33	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$216,666.67
625-A003	3,900.00	LF	TRAFFIC STRIPE, SKIP WHITE	$2.00	$7,800.00
225-A001	0.18	ACRE	GRASSING	$1,500.00	$268.60
683-A000	3,900.00	LF	LIGHTING	$50.00	$195,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$518,942.14**
620-A001	1.00	LS	MOBILIZATION		$25,947.11
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$25,947.11
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$15,568.26
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$103,788.43
	1.00	LS	CONTINGENCY		$155,682.64
			TOTAL SEGMENT COSTS		**$845,875.68**

MU13	McCracken Rd.	McCracken Rd. east into Rest Area	400	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.09	ACRE	CLEARING AND GRUBBING	$5,000.00	$450.62
203-G003	177.78	CY	EXCESS EXCAVATION	$25.00	$4,444.44
304-D002	132.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$5,280.00
608-A001	444.44	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$22,222.22
625-A003	400.00	LF	TRAFFIC STRIPE, SKIP WHITE	$2.00	$800.00
225-A001	0.02	ACRE	GRASSING	$1,500.00	$27.55
683-A000	400.00	LF	LIGHTING	$50.00	$20,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$53,224.83**
620-A001	1.00	LS	MOBILIZATION		$2,661.24
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$2,661.24
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$1,596.75
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$10,644.97
	1.00	LS	CONTINGENCY		$15,967.45
			TOTAL SEGMENT COSTS		**$86,756.48**

MU14	E. Commerce	E. Commerce/Church St. east to RR Crossing	2250	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.51	ACRE	CLEARING AND GRUBBING	$5,000.00	$2,534.74
203-G003	1,000.00	CY	EXCESS EXCAVATION	$25.00	$25,000.00
304-D002	742.50	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$29,700.00
608-A001	2,500.00	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$125,000.00
625-A003	2,250.00	LF	TRAFFIC STRIPE, SKIP WHITE	$2.00	$4,500.00
225-A001	0.10	ACRE	GRASSING	$1,500.00	$154.96
683-A000	2,250.00	LF	LIGHTING	$50.00	$112,500.00
			SUBTOTAL CONSTRUCTION COSTS		**$299,389.69**

PROPOSED MULTI USE PATH, 10' WIDE CONCRETE

620-A001	1.00	LS	MOBILIZATION		$14,969.48
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$14,969.48
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$8,981.69
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$59,877.94
	1.00	LS	CONTINGENCY		$89,816.91
			TOTAL SEGMENT COSTS		**$488,005.20**

MU15	E. Commerce	E. Commerce at RR Crossing east to I-55 Interchange	2500	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.56	ACRE	CLEARING AND GRUBBING	$5,000.00	$2,816.37
203-G003	1,111.11	CY	EXCESS EXCAVATION	$25.00	$27,777.78
304-D002	825.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$33,000.00
608-A001	2,777.78	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$138,888.89
625-A003	2,500.00	LF	TRAFFIC STRIPE, SKIP WHITE	$2.00	$5,000.00
225-A001	0.11	ACRE	GRASSING	$1,500.00	$172.18
683-A000	2,500.00	LF	LIGHTING	$50.00	$125,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$332,655.22**
620-A001	1.00	LS	MOBILIZATION		$16,632.76
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$16,632.76
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$9,979.66
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$66,531.04
	1.00	LS	CONTINGENCY		$99,796.56
			TOTAL SEGMENT COSTS		**$542,228.00**

MU16	E. Commerce	E. Commerce/I-55 east to Della St.	3900	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.88	ACRE	CLEARING AND GRUBBING	$5,000.00	$4,393.54
203-G003	1,733.33	CY	EXCESS EXCAVATION	$25.00	$43,333.33
304-D002	1287.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$51,480.00
608-A001	4,333.33	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$216,666.67
625-A003	3,900.00	LF	TRAFFIC STRIPE, SKIP WHITE	$2.00	$7,800.00
225-A001	0.18	ACRE	GRASSING	$1,500.00	$268.60
683-A000	3,900.00	LF	LIGHTING	$50.00	$195,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$518,942.14**
620-A001	1.00	LS	MOBILIZATION		$25,947.11
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$25,947.11
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$15,568.26
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$103,788.43
	1.00	LS	CONTINGENCY		$155,682.64
			TOTAL SEGMENT COSTS		**$845,875.68**

MU17	Dillworth Dr.	Dillworth/I-55 east to McIngvale	2500	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.56	ACRE	CLEARING AND GRUBBING	$5,000.00	$2,816.37
203-G003	1,111.11	CY	EXCESS EXCAVATION	$25.00	$27,777.78
304-D002	825.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$33,000.00
608-A001	2,777.78	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$138,888.89
625-A003	2,500.00	LF	TRAFFIC STRIPE, SKIP WHITE	$2.00	$5,000.00
225-A001	0.11	ACRE	GRASSING	$1,500.00	$172.18
683-A000	2,500.00	LF	LIGHTING	$50.00	$125,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$332,655.22**
620-A001	1.00	LS	MOBILIZATION		$16,632.76
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$16,632.76
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$9,979.66
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$66,531.04
	1.00	LS	CONTINGENCY		$99,796.56
			TOTAL SEGMENT COSTS		**$542,228.00**

MU18	Thousand Oaks Dr.	Thousands Oaks/McIngvale east to Heritage Cove	900	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.20	ACRE	CLEARING AND GRUBBING	$5,000.00	$1,013.89
203-G003	400.00	CY	EXCESS EXCAVATION	$25.00	$10,000.00
304-D002	297.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$11,880.00
608-A001	1,000.00	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$50,000.00
625-A003	900.00	LF	TRAFFIC STRIPE, SKIP WHITE	$2.00	$1,800.00
225-A001	0.04	ACRE	GRASSING	$1,500.00	$61.98
683-A000	900.00	LF	LIGHTING	$50.00	$45,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$119,755.88**
620-A001	1.00	LS	MOBILIZATION		$5,987.79
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$5,987.79
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$3,592.68
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$23,951.18
	1.00	LS	CONTINGENCY		$35,926.76
			TOTAL SEGMENT COSTS		**$195,202.08**

MU19	Byhalia Rd.	Byhalia/North Parkway north to I-55	2200	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.50	ACRE	CLEARING AND GRUBBING	$5,000.00	$2,478.41

PROPOSED MULTI USE PATH, 10' WIDE CONCRETE

203-G003	977.78	CY	EXCESS EXCAVATION	$25.00	$24,444.44
304-D002	726.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$29,040.00
608-A001	2,444.44	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$122,222.22
625-A003	2,200.00	LF	TRAFFIC STRIPE, SKIP WHITE	$2.00	$4,400.00
225-A001	0.10	ACRE	GRASSING	$1,500.00	$151.52
683-A000	2,200.00	LF	LIGHTING	$50.00	$110,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$292,736.59**
620-A001	1.00	LS	MOBILIZATION		$14,636.83
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$14,636.83
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$8,782.10
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$58,547.32
	1.00	LS	CONTINGENCY		$87,820.98
			TOTAL SEGMENT COSTS		**$477,160.64**

MU20	Byhalia Rd.	Byhalia/I-55 northeast to McIngvale	4100	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.92	ACRE	CLEARING AND GRUBBING	$5,000.00	$4,618.85
203-G003	1,822.22	CY	EXCESS EXCAVATION	$25.00	$45,555.56
304-D002	1353.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$54,120.00
608-A001	4,555.56	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$227,777.78
625-A003	4,100.00	LF	TRAFFIC STRIPE, SKIP WHITE	$2.00	$8,200.00
225-A001	0.19	ACRE	GRASSING	$1,500.00	$282.37
683-A000	4,100.00	LF	LIGHTING	$50.00	$205,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$545,554.55**
620-A001	1.00	LS	MOBILIZATION		$27,277.73
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$27,277.73
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$16,366.64
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$109,110.91
	1.00	LS	CONTINGENCY		$163,666.37
			TOTAL SEGMENT COSTS		**$889,253.92**

MU21	Green T Lake W.	Green T Lake/Byhalia northwest to I-55	1600	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.36	ACRE	CLEARING AND GRUBBING	$5,000.00	$1,802.48
203-G003	711.11	CY	EXCESS EXCAVATION	$25.00	$17,777.78
304-D002	528.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$21,120.00
608-A001	1,777.78	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$88,888.89
625-A003	1,600.00	LF	TRAFFIC STRIPE, SKIP WHITE	$2.00	$3,200.00
225-A001	0.07	ACRE	GRASSING	$1,500.00	$110.19
683-A000	1,600.00	LF	LIGHTING	$50.00	$80,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$212,899.34**
620-A001	1.00	LS	MOBILIZATION		$10,644.97
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$10,644.97
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$6,386.98
	0.23	ACRE	ROW PURCHASE	$200,000.00	$45,913.68
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$42,579.87
	1.00	LS	CONTINGENCY		$63,869.80
			TOTAL SEGMENT COSTS		**$392,939.60**

MU22	Byhalia Rd.	Byhalia/McIngvale east to Jaybird	3200	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.72	ACRE	CLEARING AND GRUBBING	$5,000.00	$3,604.96
203-G003	1,422.22	CY	EXCESS EXCAVATION	$25.00	$35,555.56
304-D002	1056.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$42,240.00
608-A001	3,555.56	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$177,777.78
625-A003	3,200.00	LF	TRAFFIC STRIPE, SKIP WHITE	$2.00	$6,400.00
225-A001	0.15	ACRE	GRASSING	$1,500.00	$220.39
683-A000	3,200.00	LF	LIGHTING	$50.00	$160,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$425,798.68**
620-A001	1.00	LS	MOBILIZATION		$21,289.93
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$21,289.93
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$12,773.96
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$85,159.74
	1.00	LS	CONTINGENCY		$127,739.60
			TOTAL SEGMENT COSTS		**$694,051.84**

MU23	Green T Rd.	Green T/Old Hwy 51 East to Tchulahoma	12300	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	2.77	ACRE	CLEARING AND GRUBBING	$5,000.00	$13,856.55
203-G003	5,466.67	CY	EXCESS EXCAVATION	$25.00	$136,666.67
304-D002	4059.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$162,360.00
608-A001	13,666.67	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$683,333.33
625-A003	12,300.00	LF	TRAFFIC STRIPE, SKIP WHITE	$2.00	$24,600.00
225-A001	0.56	ACRE	GRASSING	$1,500.00	$847.11
683-A000	12,300.00	LF	LIGHTING	$50.00	$615,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$1,636,663.66**
620-A001	1.00	LS	MOBILIZATION		$81,833.18
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$81,833.18
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$49,099.91
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$327,332.73
	1.00	LS	CONTINGENCY		$490,999.10

PROPOSED MULTI USE PATH, 10' WIDE CONCRETE

TOTAL SEGMENT COSTS		**$2,667,761.77**

MU24	Pleasant Hill Rd.	Pleasant Hill/Getwell west to McIngvale	10700	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	2.41	ACRE	CLEARING AND GRUBBING	$5,000.00	$12,054.07
203-G003	4,755.56	CY	EXCESS EXCAVATION	$25.00	$118,888.89
304-D002	3531.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$141,240.00
608-A001	11,888.89	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$594,444.44
625-A003	10,700.00	LF	TRAFFIC STRIPE, SKIP WHITE	$2.00	$21,400.00
225-A001	0.49	ACRE	GRASSING	$1,500.00	$736.91
683-A000	10,700.00	LF	LIGHTING	$50.00	$535,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$1,423,764.32**
620-A001	1.00	LS	MOBILIZATION		$71,188.22
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$71,188.22
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$42,712.93
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$284,752.86
	1.00	LS	CONTINGENCY		$427,129.30
			TOTAL SEGMENT COSTS		**$2,320,735.85**

MU25	Pleasant Hill Rd.	Pleasant Hill/McIngvale east to I-55	5700	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	1.28	ACRE	CLEARING AND GRUBBING	$5,000.00	$6,421.33
203-G003	2,533.33	CY	EXCESS EXCAVATION	$25.00	$63,333.33
304-D002	1881.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$75,240.00
608-A001	6,333.33	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$316,666.67
625-A003	5,700.00	LF	TRAFFIC STRIPE, SKIP WHITE	$2.00	$11,400.00
225-A001	0.26	ACRE	GRASSING	$1,500.00	$392.56
683-A000	5,700.00	LF	LIGHTING	$50.00	$285,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$758,453.89**
620-A001	1.00	LS	MOBILIZATION		$37,922.69
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$37,922.69
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$22,753.62
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$151,690.78
	1.00	LS	CONTINGENCY		$227,536.17
			TOTAL SEGMENT COSTS		**$1,236,279.84**

MU26	Nesbit Rd	Nesbit/Jefferson Davis east to I-55	4600	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	1.04	ACRE	CLEARING AND GRUBBING	$5,000.00	$5,182.13
203-G003	2,044.44	CY	EXCESS EXCAVATION	$25.00	$51,111.11
304-D002	1518.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$60,720.00
608-A001	5,111.11	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$255,555.56
625-A003	4,600.00	LF	TRAFFIC STRIPE, SKIP WHITE	$2.00	$9,200.00
225-A001	0.21	ACRE	GRASSING	$1,500.00	$316.80
683-A000	4,600.00	LF	LIGHTING	$50.00	$230,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$612,085.60**
620-A001	1.00	LS	MOBILIZATION		$30,604.28
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$30,604.28
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$18,362.57
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$122,417.12
	1.00	LS	CONTINGENCY		$183,625.68
			TOTAL SEGMENT COSTS		**$997,699.52**

MU27	Pine Tree Rd.	Pine Tree Rd. starting at Robertson running west	3500	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.79	ACRE	CLEARING AND GRUBBING	$5,000.00	$3,942.92
203-G003	1,555.56	CY	EXCESS EXCAVATION	$25.00	$38,888.89
304-D002	1155.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$46,200.00
608-A001	3,888.89	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$194,444.44
625-A003	3,500.00	LF	TRAFFIC STRIPE, SKIP WHITE	$2.00	$7,000.00
225-A001	0.16	ACRE	GRASSING	$1,500.00	$241.05
683-A000	3,500.00	LF	LIGHTING	$50.00	$175,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$465,717.30**
620-A001	1.00	LS	MOBILIZATION		$23,285.87
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$23,285.87
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$13,971.52
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$93,143.46
	1.00	LS	CONTINGENCY		$139,715.19
			TOTAL SEGMENT COSTS		**$759,119.20**

MU28	Robertson Rd.	Robertson/Pinetree south to Elm	11400	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	2.57	ACRE	CLEARING AND GRUBBING	$5,000.00	$12,842.66
203-G003	5,066.67	CY	EXCESS EXCAVATION	$25.00	$126,666.67
304-D002	3762.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$150,480.00
608-A001	12,666.67	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$633,333.33
625-A003	11,400.00	LF	TRAFFIC STRIPE, SKIP WHITE	$2.00	$22,800.00
225-A001	0.52	ACRE	GRASSING	$1,500.00	$785.12
683-A000	11,400.00	LF	LIGHTING	$50.00	$570,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$1,516,907.78**

PROPOSED MULTI USE PATH, 10' WIDE CONCRETE

620-A001	1.00	LS	MOBILIZATION		$75,845.39
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$75,845.39
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$45,507.23
	0.64	ACRE	ROW PURCHASE	$10,000.00	$6,427.92
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$303,381.56
	1.00	LS	CONTINGENCY		$455,072.33
			TOTAL SEGMENT COSTS		**$2,478,987.60**

MU29	Whitfield Dr.	Whitfield Dr. between Old Hwy 51 and 51	500	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.11	ACRE	CLEARING AND GRUBBING	$5,000.00	$563.27
203-G003	222.22	CY	EXCESS EXCAVATION	$25.00	$5,555.56
304-D002	165.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$6,600.00
608-A001	555.56	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$27,777.78
625-A003	500.00	LF	TRAFFIC STRIPE, SKIP WHITE	$2.00	$1,000.00
225-A001	0.02	ACRE	GRASSING	$1,500.00	$34.44
683-A000	500.00	LF	LIGHTING	$50.00	$25,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$66,531.04**
620-A001	1.00	LS	MOBILIZATION		$3,326.55
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$3,326.55
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$1,995.93
	0.23	ACRE	ROW PURCHASE	$10,000.00	$2,295.68
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$13,306.21
	1.00	LS	CONTINGENCY		$19,959.31
			TOTAL SEGMENT COSTS		**$110,741.28**

MU30	Old Hwy 51	Old Hwy 51 North from 51/Memphis St.	7100	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	1.60	ACRE	CLEARING AND GRUBBING	$5,000.00	$7,998.50
203-G003	3,155.56	CY	EXCESS EXCAVATION	$25.00	$78,888.89
304-D002	2343.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$93,720.00
608-A001	7,888.89	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$394,444.44
625-A003	7,100.00	LF	TRAFFIC STRIPE, SKIP WHITE	$2.00	$14,200.00
225-A001	0.33	ACRE	GRASSING	$1,500.00	$488.98
683-A000	7,100.00	LF	LIGHTING	$50.00	$355,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$944,740.81**
620-A001	1.00	LS	MOBILIZATION		$47,237.04
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$47,237.04
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$28,342.22
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$188,948.16
	1.00	LS	CONTINGENCY		$283,422.24
			TOTAL SEGMENT COSTS		**$1,539,927.52**

MU31	MS Hwy 304	304 between Tulane and Elm	14100	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	3.18	ACRE	CLEARING AND GRUBBING	$5,000.00	$15,884.34
203-G003	6,266.67	CY	EXCESS EXCAVATION	$25.00	$156,666.67
304-D002	4653.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$186,120.00
608-A001	15,666.67	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$783,333.33
625-A003	14,100.00	LF	TRAFFIC STRIPE, SKIP WHITE	$2.00	$28,200.00
225-A001	0.65	ACRE	GRASSING	$1,500.00	$971.07
683-A000	14,100.00	LF	LIGHTING	$50.00	$705,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$1,876,175.42**
620-A001	1.00	LS	MOBILIZATION		$93,808.77
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$93,808.77
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$56,285.26
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$375,235.08
	1.00	LS	CONTINGENCY		$562,852.62
			TOTAL SEGMENT COSTS		**$3,058,165.93**

MU32	W. South St.	W. South Street between 304 and Elm	2400	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.54	ACRE	CLEARING AND GRUBBING	$5,000.00	$2,703.72
203-G003	1,066.67	CY	EXCESS EXCAVATION	$25.00	$26,666.67
304-D002	792.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$31,680.00
608-A001	2,666.67	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$133,333.33
625-A003	2,400.00	LF	TRAFFIC STRIPE, SKIP WHITE	$2.00	$4,800.00
225-A001	0.11	ACRE	GRASSING	$1,500.00	$165.29
683-A000	2,400.00	LF	LIGHTING	$50.00	$120,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$319,349.01**
620-A001	1.00	LS	MOBILIZATION		$15,967.45
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$15,967.45
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$9,580.47
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$63,869.80
	1.00	LS	CONTINGENCY		$95,804.70
			TOTAL SEGMENT COSTS		**$520,538.88**

PROPOSED GREENWAY TRAIL, 10' WIDE CONCRETE

May, 2019

GW1	Wren St.	Greenway Trail From Vaiden/Wren south to Magnolia Dr.	3000	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.68	ACRE	CLEARING AND GRUBBING	$5,000.00	$3,379.65
203-A003	1,333.33	CY	UNCLASSIFIED EXCAVATION	$25.00	$33,333.33
304-D002	990.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$39,600.00
608-A001	3,333.33	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$166,666.67
234-A001	3,000.00	LF	TEMPORARY SILT FENCE	$4.00	$12,000.00
225-A001	0.14	ACRE	GRASSING	$1,500.00	$206.61
683-A000	3,000.00	LF	LIGHTING	$50.00	$150,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$405,186.26**
620-A001	1.00	LS	MOBILIZATION		$20,259.31
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$20,259.31
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$12,155.59
	0.60	ACRE	ROW PURCHASE (PARTIAL LAND OWNED BY STATE OF MS.)	$10,000.00	$5,968.78
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$81,037.25
	1.00	LS	CONTINGENCY		$121,555.88
			TOTAL SEGMENT COSTS		**$666,422.38**

GW2	Greenway Trail	Thousand Oaks/Heritage Northeast to Jayird Rd.	5800	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	1.31	ACRE	CLEARING AND GRUBBING	$5,000.00	$6,533.98
203-A003	2,577.78	CY	UNCLASSIFIED EXCAVATION	$25.00	$64,444.44
304-D002	1914.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$76,560.00
608-A001	6,444.44	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$322,222.22
234-A001	5,800.00	LF	TEMPORARY SILT FENCE	$4.00	$23,200.00
225-A001	0.27	ACRE	GRASSING	$1,500.00	$399.45
683-A000	5,800.00	LF	LIGHTING	$50.00	$290,000.00
	150.00	LF	PEDESTRIAN BRIDGE	$2,140.00	$321,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$1,104,360.10**
620-A001	1.00	LS	MOBILIZATION		$55,218.00
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$55,218.00
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$33,130.80
	2.66	ACRE	ROW PURCHASE	$10,000.00	$26,629.94
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$220,872.02
	1.00	LS	CONTINGENCY		$331,308.03
			TOTAL SEGMENT COSTS		**$1,826,736.90**

GW3	Greenway Trail	Memphis St./US 51 southeast to Robinson/Pleasant Bend Dr.	3000	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.68	ACRE	CLEARING AND GRUBBING	$5,000.00	$3,379.65
203-A003	1,333.33	CY	UNCLASSIFIED EXCAVATION	$25.00	$33,333.33
304-D002	990.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$39,600.00
608-A001	3,333.33	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$166,666.67
234-A001	3,000.00	LF	TEMPORARY SILT FENCE	$4.00	$12,000.00
225-A001	0.14	ACRE	GRASSING	$1,500.00	$206.61
683-A000	3,000.00	LF	LIGHTING	$50.00	$150,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$405,186.26**
620-A001	1.00	LS	MOBILIZATION		$20,259.31
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$20,259.31
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$12,155.59
	0.73	ACRE	ROW PURCHASE (PARTIAL LAND NO OWNER)	$10,000.00	$7,346.19
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$81,037.25
	1.00	LS	CONTINGENCY		$121,555.88
			TOTAL SEGMENT COSTS		**$667,799.79**

GW4	Greenway Trail	Trail N. of 69, S. of Pleasant Hill running betweenMcIngvale and I-55	6200	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	1.40	ACRE	CLEARING AND GRUBBING	$5,000.00	$6,984.60
203-A003	2,755.56	CY	UNCLASSIFIED EXCAVATION	$25.00	$68,888.89
304-D002	2046.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$81,840.00
608-A001	6,888.89	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$344,444.44
234-A001	6,200.00	LF	TEMPORARY SILT FENCE	$4.00	$24,800.00
225-A001	0.28	ACRE	GRASSING	$1,500.00	$427.00
683-A000	6,200.00	LF	LIGHTING	$50.00	$310,000.00
	200.00	LF	PEDESTRIAN BRIDGE	$2,140.00	$428,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$1,265,384.93**
620-A001	1.00	LS	MOBILIZATION		$63,269.25
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$63,269.25
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$37,961.55
	2.85	ACRE	ROW PURCHASE	$10,000.00	$28,466.48
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$253,076.99
	1.00	LS	CONTINGENCY		$379,615.48
			TOTAL SEGMENT COSTS		**$2,091,043.93**

GW5	Greenway Trail	Cont. of Trail (Item 49) between I-55 and Hwy 51	1300	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL

PROPOSED GREENWAY TRAIL, 10' WIDE CONCRETE

201-A001	0.29	ACRE	CLEARING AND GRUBBING	$5,000.00	$1,464.51
203-A003	577.78	CY	UNCLASSIFIED EXCAVATION	$25.00	$14,444.44
304-D002	429.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$17,160.00
608-A001	1,444.44	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$72,222.22
234-A001	1,300.00	LF	TEMPORARY SILT FENCE	$4.00	$5,200.00
225-A001	0.06	ACRE	GRASSING	$1,500.00	$89.53
683-A000	1,300.00	LF	LIGHTING	$50.00	$65,000.00
	100.00	LF	PEDESTRIAN BRIDGE	$2,140.00	$214,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$389,580.71**
620-A001	1.00	LS	MOBILIZATION		$19,479.04
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$19,479.04
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$11,687.42
	0.60	ACRE	ROW PURCHASE	$10,000.00	$5,968.78
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$77,916.14
	1.00	LS	CONTINGENCY		$116,874.21
			TOTAL SEGMENT COSTS		**$640,985.34**

GW6	Greenway Trail	Cont. of Trail (Item 50) westbound to Railroad Tracks	3500	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.79	ACRE	CLEARING AND GRUBBING	$5,000.00	$3,942.92
203-A003	1,555.56	CY	UNCLASSIFIED EXCAVATION	$25.00	$38,888.89
304-D002	1155.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$46,200.00
608-A001	3,888.89	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$194,444.44
234-A001	3,500.00	LF	TEMPORARY SILT FENCE	$4.00	$14,000.00
225-A001	0.16	ACRE	GRASSING	$1,500.00	$241.05
683-A000	3,500.00	LF	LIGHTING	$50.00	$175,000.00
	125.00	LF	PEDESTRIAN BRIDGE	$2,140.00	$267,500.00
			SUBTOTAL CONSTRUCTION COSTS		**$740,217.30**
620-A001	1.00	LS	MOBILIZATION		$37,010.87
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$37,010.87
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$22,206.52
	1.61	ACRE	ROW PURCHASE	$10,000.00	$16,069.79
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$148,043.46
	1.00	LS	CONTINGENCY		$222,065.19
			TOTAL SEGMENT COSTS		**$1,222,623.99**

GW7	Greenway Trail	Trail along RR between Nesbit Rd. on the north and I-69 on the south.	7400	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	1.67	ACRE	CLEARING AND GRUBBING	$5,000.00	$8,336.46
203-A003	3,288.89	CY	UNCLASSIFIED EXCAVATION	$25.00	$82,222.22
304-D002	2442.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$97,680.00
608-A001	8,222.22	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$411,111.11
234-A001	7,400.00	LF	TEMPORARY SILT FENCE	$4.00	$29,600.00
225-A001	0.34	ACRE	GRASSING	$1,500.00	$509.64
683-A000	7,400.00	LF	LIGHTING	$50.00	$370,000.00
	130.00	LF	PEDESTRIAN BRIDGE	$2,140.00	$278,200.00
			SUBTOTAL CONSTRUCTION COSTS		**$1,277,659.44**
620-A001	1.00	LS	MOBILIZATION		$63,882.97
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$63,882.97
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$38,329.78
	3.40	ACRE	ROW PURCHASE	$10,000.00	$33,976.12
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$255,531.89
	1.00	LS	CONTINGENCY		$383,297.83
			TOTAL SEGMENT COSTS		**$2,116,561.01**

GW8	Greenway Trail	Trail bounded by Pine Tree to the North. Robertson/Elm to the east, 304 to the south	24300	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	5.48	ACRE	CLEARING AND GRUBBING	$5,000.00	$27,375.14
203-A003	10,800.00	CY	UNCLASSIFIED EXCAVATION	$25.00	$270,000.00
304-D002	8019.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$320,760.00
608-A001	27,000.00	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$1,350,000.00
234-A001	24,300.00	LF	TEMPORARY SILT FENCE	$4.00	$97,200.00
225-A001	1.12	ACRE	GRASSING	$1,500.00	$1,673.55
683-A000	24,300.00	LF	LIGHTING	$50.00	$1,215,000.00
	650.00	LF	PEDESTRIAN BRIDGE	$2,140.00	$1,391,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$4,673,008.69**
620-A001	1.00	LS	MOBILIZATION		$233,650.43
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$233,650.43
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$140,190.26
	11.16	ACRE	ROW PURCHASE	$10,000.00	$111,570.25
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$934,601.74
	1.00	LS	CONTINGENCY		$1,401,902.61
			TOTAL SEGMENT COSTS		**$7,728,574.42**

GW9	Greenway Trail	Railroad Greenway N - I-69 bridge south to Soccer Complex (spurs to Old Hwy 51 & Robinson Road)	17000	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL

PROPOSED GREENWAY TRAIL, 10' WIDE CONCRETE

201-A001	3.83	ACRE	CLEARING AND GRUBBING	$5,000.00	$19,151.33
203-A003	7,555.56	CY	UNCLASSIFIED EXCAVATION	$25.00	$188,888.89
304-D002	5610.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$224,400.00
608-A001	18,888.89	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$944,444.44
234-A001	17,000.00	LF	TEMPORARY SILT FENCE	$4.00	$68,000.00
225-A001	0.78	ACRE	GRASSING	$1,500.00	$1,170.80
683-A000	17,000.00	LF	LIGHTING	$50.00	$850,000.00
	200.00	LF	PEDESTRIAN BRIDGE	$2,140.00	$428,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$2,724,055.47**
620-A001	1.00	LS	MOBILIZATION		$136,202.77
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$136,202.77
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$81,721.66
	8.16	ACRE	ROW PURCHASE (PARTIAL LAND OWNED BY STATE OF MS.)	$10,000.00	$81,634.53
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$544,811.09
	1.00	LS	CONTINGENCY		$817,216.64
			TOTAL SEGMENT COSTS		**$4,521,844.94**

GW10	Greenway Trail	Railroad Greenway S - Soccer Complex south to W Robinson Road	6200	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	1.40	ACRE	CLEARING AND GRUBBING	$5,000.00	$6,984.60
203-A003	2,755.56	CY	UNCLASSIFIED EXCAVATION	$25.00	$68,888.89
304-D002	2046.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$81,840.00
608-A001	6,888.89	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$344,444.44
234-A001	6,200.00	LF	TEMPORARY SILT FENCE	$4.00	$24,800.00
225-A001	0.28	ACRE	GRASSING	$1,500.00	$427.00
683-A000	6,200.00	LF	LIGHTING	$50.00	$310,000.00
	50.00	LF	PEDESTRIAN BRIDGE	$2,140.00	$107,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$944,384.93**
620-A001	1.00	LS	MOBILIZATION		$47,219.25
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$47,219.25
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$28,331.55
	8.16	ACRE	ROW PURCHASE (PARTIAL LAND OWNED BY STATE OF MS.)	$10,000.00	$81,634.53
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$188,876.99
	1.00	LS	CONTINGENCY		$283,315.48
			TOTAL SEGMENT COSTS		**$1,620,981.97**

GW11	Greenway Trail	Starting at Old Hwy 51 near Cobblestone running southeast to Pebble Creek Cove East	3900	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.88	ACRE	CLEARING AND GRUBBING	$5,000.00	$4,393.54
203-A003	1,733.33	CY	UNCLASSIFIED EXCAVATION	$25.00	$43,333.33
304-D002	1287.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$51,480.00
608-A001	4,333.33	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$216,666.67
234-A001	3,900.00	LF	TEMPORARY SILT FENCE	$4.00	$15,600.00
225-A001	0.18	ACRE	GRASSING	$1,500.00	$268.60
683-A000	3,900.00	LF	LIGHTING	$50.00	$195,000.00
	100.00	LF	PEDESTRIAN BRIDGE	$2,140.00	$214,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$740,742.14**
620-A001	1.00	LS	MOBILIZATION		$37,037.11
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$37,037.11
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$22,222.26
	1.79	ACRE	ROW PURCHASE	$10,000.00	$17,906.34
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$148,148.43
	1.00	LS	CONTINGENCY		$222,222.64
			TOTAL SEGMENT COSTS		**$1,225,316.02**

GW12	Greenway Trail	Oak Crossing Dr to Tulane Rd	3300	LF	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.74	ACRE	CLEARING AND GRUBBING	$5,000.00	$3,717.61
203-A003	1,466.67	CY	UNCLASSIFIED EXCAVATION	$25.00	$36,666.67
304-D002	1089.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$43,560.00
608-A001	3,666.67	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	$50.00	$183,333.33
234-A001	3,300.00	LF	TEMPORARY SILT FENCE	$4.00	$13,200.00
225-A001	0.15	ACRE	GRASSING	$1,500.00	$227.27
683-A000	3,300.00	LF	LIGHTING	$50.00	$165,000.00
	50.00	LF	PEDESTRIAN BRIDGE	$2,140.00	$107,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$552,704.88**
620-A001	1.00	LS	MOBILIZATION		$27,635.24
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$27,635.24
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$16,581.15
	1.52	ACRE	ROW PURCHASE	$10,000.00	$15,151.52
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$110,540.98
	1.00	LS	CONTINGENCY		$165,811.47
			TOTAL SEGMENT COSTS		**$916,060.48**

OTHER - PROPOSED TRAILHEADS & CROSSINGS

May, 2019

A1	Vaiden Dr	Intersection at Vaiden Dr and E. Oak Grove	1	EA	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.10	ACRE	CLEARING AND GRUBBING	$5,000.00	$482.09
203-G003	155.56	CY	EXCESS EXCAVATION	$25.00	$3,888.89
304-D002	115.50	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$4,620.00
619-D4001	1	EA	TRAILHEAD SIGN & MAP	$3,000.00	$3,000.00
907-630-PP003	2	EA	HANDICAP PARKING SIGN, WITH POST	$400.00	$800.00
	1.00	EA	BIKE LOCKERS	$3,600.00	$3,600.00
683-A000	1.00	LS	LIGHTING	$5,000.00	$5,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$21,390.98**
620-A001	1.00	LS	MOBILIZATION		$1,069.55
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$1,069.55
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$641.73
	0.20	ACRE	ROW PURCHASE (LAND OWNED BY STATE OF MS.)	$100,000.00	$20,000.00
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$4,278.20
	1.00	LS	CONTINGENCY		$6,417.29
			TOTAL SEGMENT COSTS		**$54,867.30**

A2	Dillworth Dr.	Intersection at Dillworth and McIngvale	1	EA	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.10	ACRE	CLEARING AND GRUBBING	$5,000.00	$482.09
203-G003	155.56	CY	EXCESS EXCAVATION	$25.00	$3,888.89
304-D002	115.50	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$4,620.00
619-D4001	1	EA	TRAILHEAD SIGN & MAP	$3,000.00	$3,000.00
907-630-PP003	2	EA	HANDICAP PARKING SIGN, WITH POST	$400.00	$800.00
	1.00	EA	BIKE LOCKERS	$3,600.00	$3,600.00
683-A000	1.00	LS	LIGHTING	$5,000.00	$5,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$21,390.98**
620-A001	1.00	LS	MOBILIZATION		$1,069.55
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$1,069.55
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$641.73
	0.10	ACRE	ROW PURCHASE	$100,000.00	$10,000.00
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$4,278.20
	1.00	LS	CONTINGENCY		$6,417.29
			TOTAL SEGMENT COSTS		**$44,867.30**

A3	Trailhead	Intersection Jaybird and Notting Hill	1	EA	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.10	ACRE	CLEARING AND GRUBBING	$5,000.00	$482.09
203-G003	155.56	CY	EXCESS EXCAVATION	$25.00	$3,888.89
304-D002	115.50	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$4,620.00
619-D4001	1	EA	TRAILHEAD SIGN & MAP	$3,000.00	$3,000.00
907-630-PP003	2	EA	HANDICAP PARKING SIGN, WITH POST	$400.00	$800.00
	1.00	EA	BIKE LOCKERS	$3,600.00	$3,600.00
683-A000	1.00	LS	LIGHTING	$5,000.00	$5,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$21,390.98**
620-A001	1.00	LS	MOBILIZATION		$1,069.55
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$1,069.55
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$641.73
	0.10	ACRE	ROW PURCHASE	$100,000.00	$10,000.00
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$4,278.20
	1.00	LS	CONTINGENCY		$6,417.29
			TOTAL SEGMENT COSTS		**$44,867.30**

A4	Trailhead	Intersection Riley/Grand Manor	1	EA	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.10	ACRE	CLEARING AND GRUBBING	$5,000.00	$482.09
203-G003	155.56	CY	EXCESS EXCAVATION	$25.00	$3,888.89
304-D002	115.50	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$4,620.00
619-D4001	1	EA	TRAILHEAD SIGN & MAP	$3,000.00	$3,000.00
907-630-PP003	2	EA	HANDICAP PARKING SIGN, WITH POST	$400.00	$800.00
	1.00	EA	BIKE LOCKERS	$3,600.00	$3,600.00
683-A000	1.00	LS	LIGHTING	$5,000.00	$5,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$21,390.98**
620-A001	1.00	LS	MOBILIZATION		$1,069.55
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$1,069.55
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$641.73
	0.10	ACRE	ROW PURCHASE	$100,000.00	$10,000.00
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$4,278.20
	1.00	LS	CONTINGENCY		$6,417.29
			TOTAL SEGMENT COSTS		**$44,867.30**

A5	Trailhead	Propsed Trailhead Byhalia/McIngvale	1	EA	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.10	ACRE	CLEARING AND GRUBBING	$5,000.00	$482.09
203-G003	155.56	CY	EXCESS EXCAVATION	$25.00	$3,888.89
304-D002	115.50	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$4,620.00
619-D4001	1	EA	TRAILHEAD SIGN & MAP	$3,000.00	$3,000.00
907-630-PP003	2	EA	HANDICAP PARKING SIGN, WITH POST	$400.00	$800.00
	1.00	EA	BIKE LOCKERS	$3,600.00	$3,600.00
683-A000	1.00	LS	LIGHTING	$5,000.00	$5,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$21,390.98**
620-A001	1.00	LS	MOBILIZATION		$1,069.55
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$1,069.55
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$641.73
	0.10	ACRE	ROW PURCHASE	$100,000.00	$10,000.00
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$4,278.20
	1.00	LS	CONTINGENCY		$6,417.29
			TOTAL SEGMENT COSTS		**$44,867.30**

A6	Trailhead	Trail Head at McIngvale for Item 49	1	EA	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.10	ACRE	CLEARING AND GRUBBING	$5,000.00	$482.09
203-G003	155.56	CY	EXCESS EXCAVATION	$25.00	$3,888.89
304-D002	115.50	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$4,620.00
619-D4001	1	EA	TRAILHEAD SIGN & MAP	$3,000.00	$3,000.00
907-630-PP003	2	EA	HANDICAP PARKING SIGN, WITH POST	$400.00	$800.00
	1.00	EA	BIKE LOCKERS	$3,600.00	$3,600.00
683-A000	1.00	LS	LIGHTING	$5,000.00	$5,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$21,390.98**
620-A001	1.00	LS	MOBILIZATION		$1,069.55
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$1,069.55
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$641.73
	0.10	ACRE	ROW PURCHASE	$100,000.00	$10,000.00
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$4,278.20
	1.00	LS	CONTINGENCY		$6,417.29
			TOTAL SEGMENT COSTS		**$44,867.30**

A7	Trailhead	Trailhead at Nesbit Rd/Jefferson Davis Rd.	1	EA	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.10	ACRE	CLEARING AND GRUBBING	$5,000.00	$482.09
203-G003	155.56	CY	EXCESS EXCAVATION	$25.00	$3,888.89
304-D002	115.50	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$4,620.00
619-D4001	1	EA	TRAILHEAD SIGN & MAP	$3,000.00	$3,000.00

OTHER - PROPOSED TRAILHEADS & CROSSINGS

907-630-PP003	2	EA	HANDICAP PARKING SIGN, WITH POST	$400.00	$800.00
	1.00	EA	BIKE LOCKERS	$3,600.00	$3,600.00
683-A000	1.00	LS	LIGHTING	$5,000.00	$5,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$21,390.98**
620-A001	1.00	LS	MOBILIZATION		$1,069.55
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$1,069.55
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$641.73
	0.10	ACRE	ROW PURCHASE	$100,000.00	$10,000.00
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$4,278.20
	1.00	LS	CONTINGENCY		$6,417.29
			TOTAL SEGMENT COSTS		**$44,867.30**

A8	Trailhead	Trailheads for Item 63	2	EA	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.39	ACRE	CLEARING AND GRUBBING	$5,000.00	$1,928.37
203-G003	311.11	CY	EXCESS EXCAVATION	$25.00	$7,777.78
304-D002	231.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$9,240.00
619-D4001	2	EA	TRAILHEAD SIGN & MAP	$3,000.00	$6,000.00
907-630-PP003	4	EA	HANDICAP PARKING SIGN, WITH POST	$400.00	$1,600.00
	2.00	EA	BIKE LOCKERS	$3,600.00	$7,200.00
683-A000	2.00	LS	LIGHTING	$5,000.00	$10,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$43,746.15**
620-A001	1.00	LS	MOBILIZATION		$2,187.31
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$2,187.31
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$1,312.38
	0.20	ACRE	ROW PURCHASE	$100,000.00	$20,000.00
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$8,749.23
	1.00	LS	CONTINGENCY		$13,123.85
			TOTAL SEGMENT COSTS		**$91,306.23**

A9	Trailhead	Trailheads for Item 64	2	EA	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.39	ACRE	CLEARING AND GRUBBING	$5,000.00	$1,928.37
203-G003	311.11	CY	EXCESS EXCAVATION	$25.00	$7,777.78
304-D002	231.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$9,240.00
619-D4001	2	EA	TRAILHEAD SIGN & MAP	$3,000.00	$6,000.00
907-630-PP003	4	EA	HANDICAP PARKING SIGN, WITH POST	$400.00	$1,600.00
	2.00	EA	BIKE LOCKERS	$3,600.00	$7,200.00
683-A000	2.00	LS	LIGHTING	$5,000.00	$10,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$43,746.15**
620-A001	1.00	LS	MOBILIZATION		$2,187.31
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$2,187.31
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$1,312.38
	0.10	ACRE	ROW PURCHASE (NO AREA FOR TH @ 64E)	$100,000.00	$10,000.00
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$8,749.23
	1.00	LS	CONTINGENCY		$13,123.85
			TOTAL SEGMENT COSTS		**$81,306.23**

A10	Trailhead	Trailheads for Item 66	2	EA	
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	0.39	ACRE	CLEARING AND GRUBBING	$5,000.00	$1,928.37
203-G003	311.11	CY	EXCESS EXCAVATION	$25.00	$7,777.78
304-D002	231.00	TON	GRANULAR MATERIAL, CRUSHED STONE	$40.00	$9,240.00
619-D4001	2	EA	TRAILHEAD SIGN & MAP	$3,000.00	$6,000.00
907-630-PP003	4	EA	HANDICAP PARKING SIGN, WITH POST	$400.00	$1,600.00
	2.00	EA	BIKE LOCKERS	$3,600.00	$7,200.00
683-A000	2.00	LS	LIGHTING	$5,000.00	$10,000.00
			SUBTOTAL CONSTRUCTION COSTS		**$43,746.15**
620-A001	1.00	LS	MOBILIZATION		$2,187.31
907-618-A001	1.00	LS	MAINTENANCE OF TRAFFIC		$2,187.31
907-699-A002	1.00	LS	ROADWAY CONSTRUCTION STAKES		$1,312.38
	0.10	ACRE	ROW PURCHASE (66C OWNED BY STATE OF MS.)	$100,000.00	$10,000.00
	1.00	LS	ENGINEERING (DESIGN & CONSTRUCTION)		$8,749.23
	1.00	LS	CONTINGENCY		$13,123.85
			TOTAL SEGMENT COSTS		**$81,306.23**

PROPOSED CROSSING

C1	Vaiden Dr	Vaiden Dr at Grenada RR Crossing	1	EA	Proposed Crossing	
					TOTAL LOCATION	**$150,000.00**
C2	E. Commerce	E. Commerce at Grenada RR Crossing	1	EA	Proposed Crossing	
					TOTAL LOCATION	**$150,000.00**
C3	E. Commerce	E. Commerce at I-55 Interchange	1	EA	Proposed Crossing	
					TOTAL LOCATION	**$150,000.00**
C4	Byhalia Rd.	Proposed Crossing Byhalia/I-55	1	EA	Proposed Crossing	
					TOTAL LOCATION	**$150,000.00**
C5	I-55 Crossing	Proposed Crossing at I-55 for Item 49	1	EA	Proposed Crossing	
					TOTAL LOCATION	**$150,000.00**
C6	I-55 Crossing	Proposed Crossing at Hwy 51 for Item 50	1	EA	Proposed Crossing	
					TOTAL LOCATION	**$150,000.00**
C7	Nesbit Rd	Propsed Crossing at I-55/Nesbit	1	EA	Proposed Crossing	
					TOTAL LOCATION	**$150,000.00**
C8	Proposed Crossing	Railroad Greenway crossing under railroad bridge	1	EA	Proposed Crossing	
					TOTAL LOCATION	**$150,000.00**
C9	Proposed Crossing	Cross Creek Greenway crossing US Hwy 51	1	EA	Proposed Crossing	
					TOTAL LOCATION	**$150,000.00**
C10	RR Crossing	Railraod Greenway @ grade crossing of RR	1	EA	Proposed Crossing	
					TOTAL LOCATION	**$150,000.00**
C11	Riley Underpass	Renovations to existing pedestrian underpass	1	EA	Proposed Crossing	
		at Riley St./Dillworth Dr.			**TOTAL LOCATION**	**$100,000.00**
C12	US 51 @ Pidgeon Park	Multi-use pathway crossing of US Hwy 51	1	EA	Proposed Crossing	
		at Pidgeon Park entrance			**TOTAL LOCATION**	**$150,000.00**
C13	US 51 @ W Oak Grove	W Oak Grove multi-use pathway crossing of US Hwy 51	1	EA	Proposed Crossing	
					TOTAL LOCATION	**$150,000.00**
C14	US 51 @ Robinson	Robinson St bike lane crossing of US Hwy 51	1	EA	Proposed Crossing	
					TOTAL LOCATION	**$150,000.00**
C15	US 51 @ Magnolia	Magnolia Manor Greenway / Old Hwy 51 multi-use	1	EA	Proposed Crossing	
		path crossing of US Hwy 51			**TOTAL LOCATION**	**$150,000.00**
C16	US 51 @ N. Parkway	North Parkway St existing bike lanes / multi-use	1	EA	Proposed Crossing	
		path crossing of US Hwy 51			**TOTAL LOCATION**	**$150,000.00**
C17	US 51 @ Cobblestone	Greenway Crossing of US Hwy 51 Near Cobblestone	1	EA	Proposed Crossing	
					TOTAL LOCATION	**$150,000.00**

EXHIBIT B – POTENTIAL FUNDING SOURCES & STRATEGIES

The realization of the City of Hernando Bicycle & Pedestrian Master Plan depends on available funding. As the cost estimates reflect, each individual project has a varying cost for construction, some of which exceeds the typical amount of funding available during a normal budget year for any municipality. Grant funding is an alternative to budgeting local dollars to fund all of construction costs. The following are potential funding sources for future construction and other costs associated with this plan's recommendations.

Funding Source	Program	Potential Range of Grant Funding	Comments
Memphis Metropolitan Planning Organization	Transportation Alternatives Program	+/- $1,000,000.00	Provides 80% funding for eligible expenses (pathways, landscape, irrigation, drainage, lighting)
Mississippi Department of Wildlife, Fisheries & Parks	Recreational Trail Program Grant	+/- $120,000.00	Provides 80% funding for eligible expenses (pathways, landscape, irrigation, drainage)
Mississippi Department of Wildlife, Fisheries & Parks	Land & Water Conservation Fund	+/- $125,000.00	Provides 80% funding for eligible expenses (pathways, landscape, irrigation, drainage)
Blue Cross Blue Shield of Mississippi Foundation	Health & Wellness Grant	+/- $100,000.00	Provides 100% funding for eligible expenses (fitness related equipment)
Mississippi Delta National Heritage Area	Diversity in Culture, Environmental and Community	+/- $25,000.00	Provides 100% funding for eligible expenses
Fund For Wild Nature	Biodiversity & Wilderness Protection	+/- $5,000.00	Provides 100% funding for eligible expenses
National Audubon Society & Toyota TogetherGreen Program	Solutions to Environmental Challenges	+/- $50,000.00	Provides 100% funding for eligible expenses (habitat, species and water quality protection)
National Fish and Wildlife Foundation	Nature of Learning	+/- $10,000.00	Provides 100% funding for eligible expenses (education for local conservation issues)
Scotts Miracle-Gro Company	The George Barley Water Prize	+/- $1,500.00	Provides funding for eligible expenses (community gardens and water quality)
Community Development Block Grant (CDBG)	Annual Infrastructure or Recreation Improvements	+/- $50,000.00	Provides 100% funding for infrastructure or recreation improvements in low to moderate income level areas
Private Foundations	Varies	Varies	Varies

EXHIBIT C – STAKEHOLDER INPUT

STAKEHOLDER MEETING 1

The following pages provide the notes and mark-ups collected during the working session of Stakeholder Meeting 1.

1

SOUTHAVEN

HERNANDO

MS 747

MS 304

I 55

US 51

I 69

Bike

1

Bike Lanes

0 0.5 1 2 Miles

Legend

- School Buildings
- Parks/Recreation Buildings
- Parks/Greenway Areas

Municipalities

CITY

- HERNANDO
- SOUTHAVEN
- Streams
- Railroad
- Lakes/Ponds
- Subdivisions
- Future Subdivisions

Pedestrian & Bicycle Master Plan
City of Hernando

Hernando MISSISSIPPI

NEEL-SCHAFFER Solutions you can build upon

MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION

1

Hernando
MISSISSIPPI

Pedestrian and Bicycle Master Plan

December 5, 2018

Stakeholder Meeting 1

Agenda

1. Welcome & Introductions
2. Review of Study Area & Existing Conditions
3. Review of Prior Planning Efforts
4. Description of the Planning Process
5. Small Group Working Session (+/- 10 people per table)

Notes

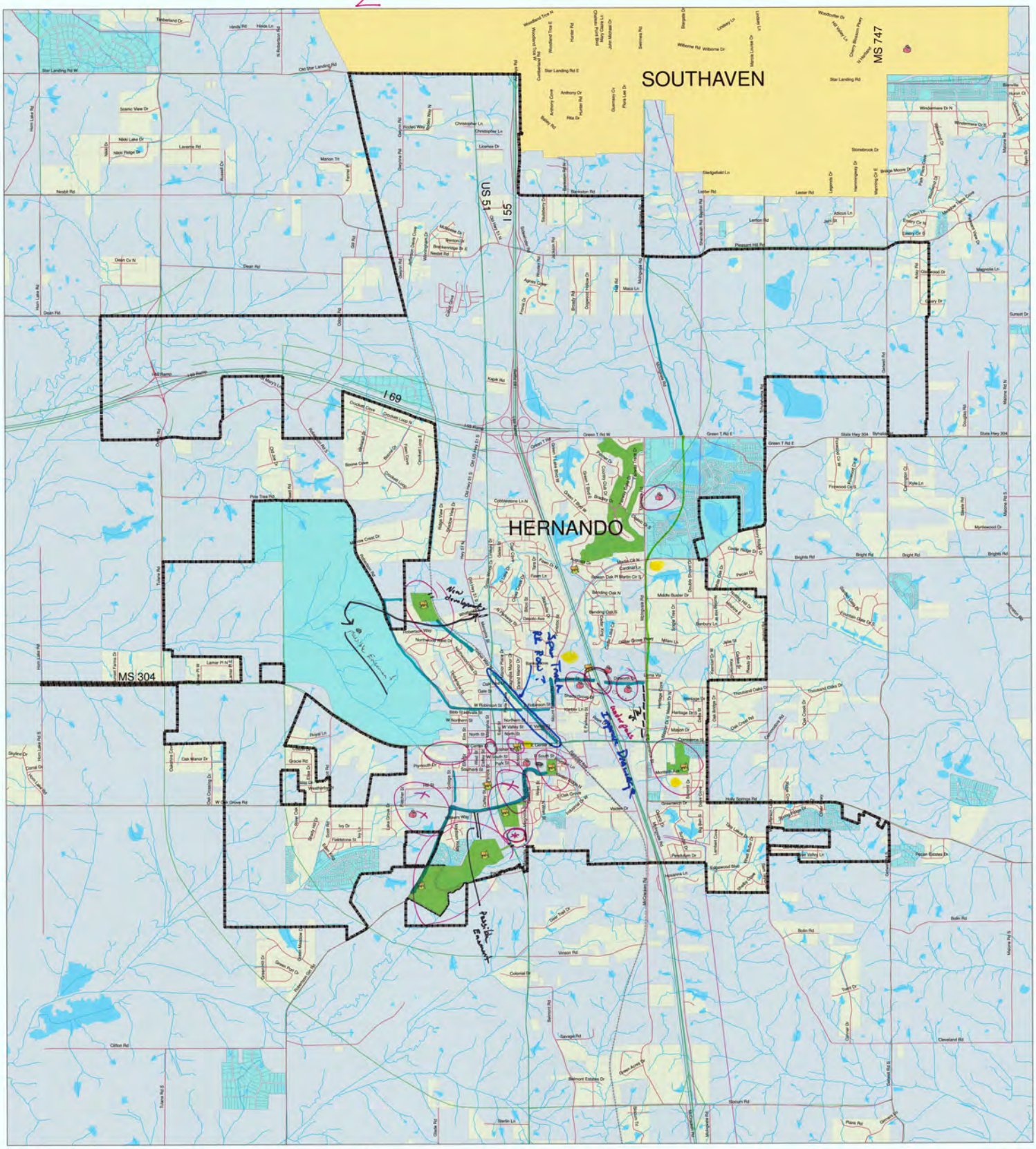
Bikers would prefer routes that would circle the city peramiters.

On our map we marked a perameter for bike riders that can be used by walkers as well.

MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION

NEEL-SCHAFFER Solutions you can build upon

2



Pedestrian & Bicycle Master Plan
City of Hernando

Hernando
MISSISSIPPI

NEEL-SCHAFFER
Solutions you can build upon

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

East/West connection
Bike Path
on Pleasant
but not all
of it

2

Hernando
MISSISSIPPI

Pedestrian and Bicycle Master Plan

December 5, 2018

Stakeholder Meeting 1

Agenda

1. Welcome & Introductions
2. Review of Study Area & Existing Conditions
3. Review of Prior Planning Efforts
4. Description of the Planning Process
5. Small Group Working Session (+/- 10 people per table)

Notes

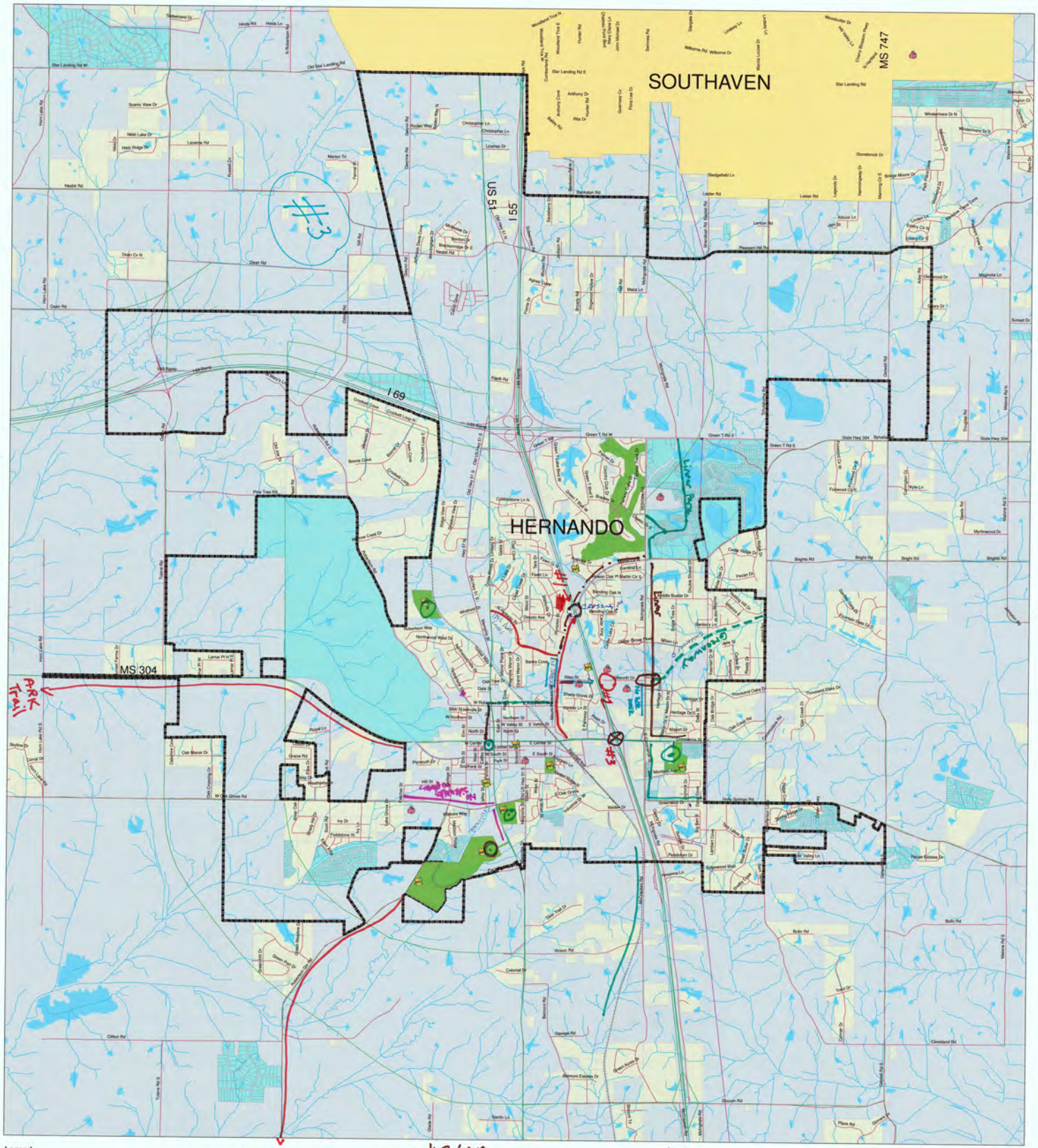
Connect Public lands, churches, Parks, Schools, Cemeteries.

Possible ~~bye to~~ bike fees. (in state + out of state) Electric cars are being taxed. Not paying fuel tax and using public roads.

Mississippi School cannot ride a bus with in 1 mile.

MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION

NEEL-SCHAFFER Solutions you can build upon



Pedestrian & Bicycle Master Plan
City of Hernando

Hernando
MISSISSIPPI

NEEL-SCHAFFER
Solutions you can build upon

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

#3

Low income community Behind Catholic Church use Bikes

Bikes not allowed at school because of Safety
Mt. pleasant - bike lanes stop and go Need lane
Access under bridge

Top priority:
1) Ped/bike to school - Feel confident can get ROW on Mt Pleasant between Riley & N. Parkway East side
2) Bike lanes stop & start. End under bridge
3) Bridge width very narrow. No walking or bike paths many bikers walkers. Latino population use for work
4) Cross walk N. parkway & Mt. Pleasant for School & Church

(Need these 2 to connect #2 #1)

Bikes have make trail under Bridge

Cannot ride Bike safely over railroad tracks

Farmers Market lots of Foot traffic. At Courthouse

Robinson to Mphs street to Square

Bike lanes need to be clean. Ruts need to be fixed.

Mt. Pleasant lots of runners, bikes, kids walking to high school from N. Parkway to Mt. Pleasant to Riley

Signage important to direct to best route

Need lights at Commerce St. extended. Very dark - No lights

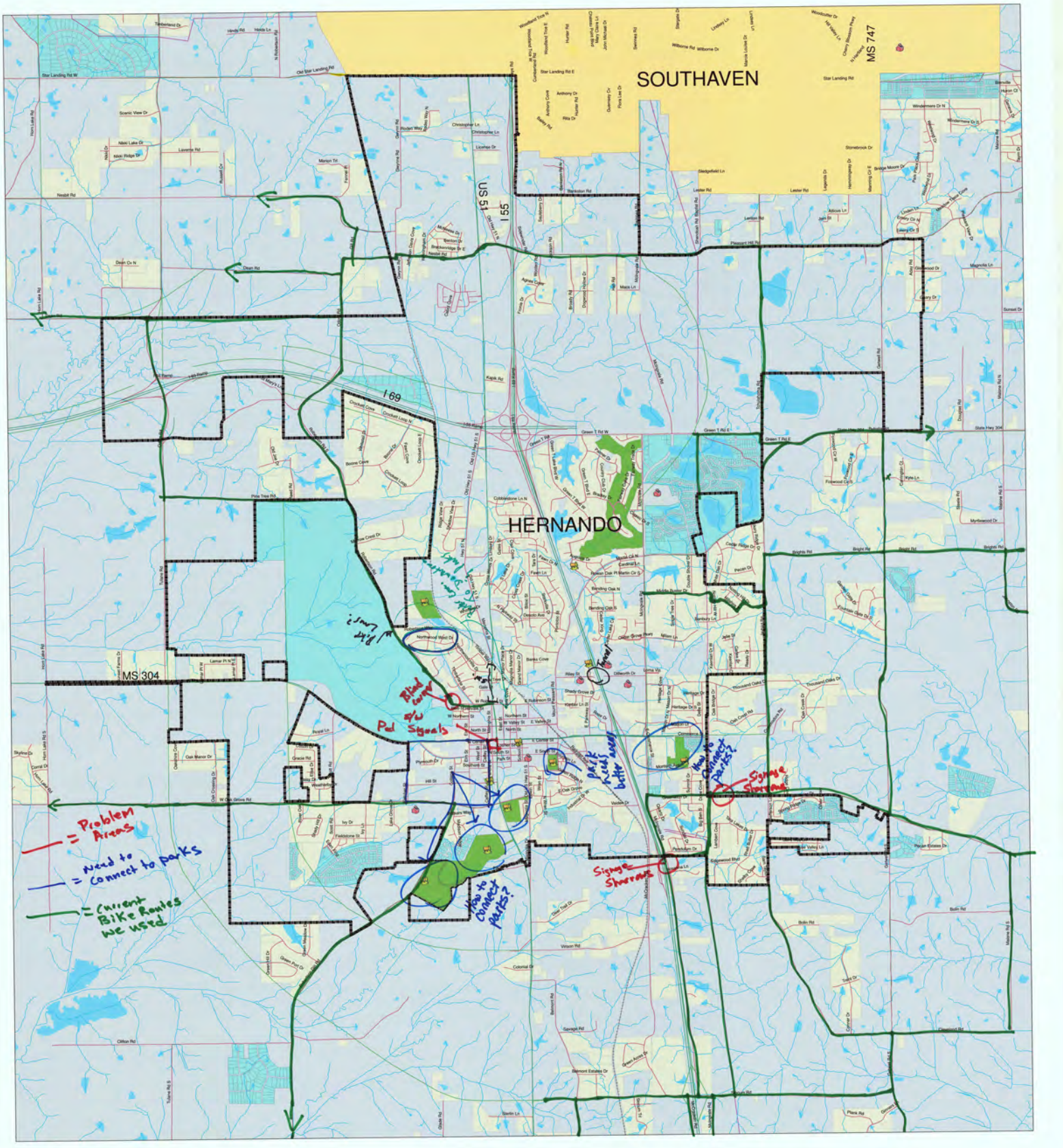
Need sidewalks on Oak Grove to 51 to Conger Park & Renasant park

Need Safe Routes to Schools - Very Important.

The Greenway Marking with - - - - is an easement that neighborhood is interested in giving up to make connector for bike/ped. Lomavis & McIngvale

McCracken has wider 3rd Lane. Would be nice Bike/ped. Very pretty Beautiful hills

pedestrian light at hwy 51 & Robinson. Not an efficient Crosswalk. Cannot cross on North Side North side are where the walkers come from.



Legend

- School Buildings
- Parks/Recreation Buildings
- Parks/Greenway Areas

Municipalities

CITY
- HERNANDO
- SOUTHAVEN

- Streams
- Railroad
- Lakes/Ponds
- Subdivisions
- Future Subdivisions

#4

Robert's Table

0 0.5 1 2 Miles

Pedestrian & Bicycle Master Plan
City of Hernando

Hernando MISSISSIPPI

NEEL-SCHAFFER
Solutions you can build upon

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

Robert's Table

#4

Hernando
MISSISSIPPI

Pedestrian & Bicycle Master Plan
Stakeholder SWOT Input Form

Strengths: Characteristics of the City that give it an advantage to implement pedestrian and bicycle improvements - The community seems to want it. There are some lanes Already established.

- a fairly decent Roads, but need to Keep up to date
- Build on Signs and bike share painty on Roads

Weaknesses: Characteristics of the project area that place the City at a disadvantage to implement pedestrian and bicycle improvements. Need more education pieces for ex.

- Share the road, helmet for riders & width side of the road to ride on.
- Children in ward 2 Needing Access to parks
- Adults in ward 2 need Access to parks
- Lack of Shoulder on Roads exiting inner city area
- Needing Connections to parks
- SPEEDING CARS A DANGER — needs enforcement and/a speed bumps } Historic District / ELM
- I-55 Divides City. — RR TRACKS on W. VALLEY

Opportunities: Elements that the City could exploit to its advantage to implement pedestrian and bicycle improvements.

Utilize more Sharrow signage across Roads on commerce, McIngvale, Mt Pleasant, Holly Springs, & etc.

Especially Commerce to help educate drivers about ridur everywhere.

Threats: Elements in the City that could cause trouble for the business or project

- Interstate to connect the two sides of town in different areas
- No Shoulders for use on narrow roads

MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION

NEEL-SCHAFFER Solutions you can build upon

EXHIBIT C – STAKEHOLDER INPUT

STAKEHOLDER MEETING 2

The following pages provide the notes and mark-ups collected during the working session of Stakeholder Meeting 2.

Hernando
MISSISSIPPI

Pedestrian & Bicycle Master Plan
Stakeholder Meeting 2 Input Form

The intent of Stakeholder Meeting 2 is to provide key stakeholders with a review of the City of Hernando's Pedestrian & Bicycle Master Plan Draft. The meeting program aims to provide a review of the background, projects and cost identified during the planning process.

The plan is intended to be strategically updated to match future needs and funding sources.

The following questions will provide final Stakeholder input.

1. Did the draft overall plan of pedestrian and bicycle improvements address all your comments and concerns? If not, please explain below.
   ADA access - sideways for wheelchairs

2. Do you have any questions or concerns related to the Master Plan Draft? If yes, please explain below.

3. Do you have any thoughts or concerns related to the Prioritization of Projects or future updates to the plan? If yes, please explain below.
   Conger Park updates + ADA wheelchair wide on walkways
   Court square more accessable

MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION

NEEL-SCHAFFER Solutions you can build upon

LEGEND

- CITY LIMITS
- PARK
- SCHOOL
- STREAM / DRAINAGE AREA
- RAILROAD
- EXISTING BIKE LANE
- EXISTING MULTI-USE PATH
- EXISTING CROSSING
- EXISTING TRAILHEAD
- PROPOSED BIKE LANE
- PROPOSED MULTI-USE PATH
- PROPOSED GREENWAY TRAIL
- PROPOSED SECONDARY TRAIL (HERNANDO WEST DEVELOPMENT)
- PROPOSED SHARE THE ROAD
- PROPOSED CROSSING
- PROPOSED TRAILHEAD
- PROPOSED SIDEWALK IMPROVEMENTS WITH SIGNAGE & SHARROW AREA

4/4/19

SOUTHAVEN

HERNANDO

POSSIBLE REROUTE TO BANKSTON RD

EXISTING (CATTLE) TUNNEL

PRIORITY GREENWAY

PRIORITY GREENWAY

CAN THERE BE A BIKE LANE/ SIDEWALK ON RECENTLY PAVED BYHALIA DR ALL THE WAY TO MCINGVALE?

EXTRA LIGHTING & EROSION

RILEY UNDERPASS NEEDS TO BE PART OF AN E-W ROAD, NOT JUST BIKE PATH

DISABLED HUSBAND NEEDS ACCESS FROM SQUARE TO KROGER

PEOPLE WALK HERE TO GET TO & FROM WORK; VERY DANGEROUS

COMMERCE ST PATHWAY A PRIORIOTY

NEED TO BE ABLE TO RIDE BIKE FROM DOWNTOWN TO WALMART

CONGER PARK NEEDS UPGRADING TO ADA ACCESS & REPAIR WALKWAYS FOR WHEELCHAIRS

NORTH

GRAPHIC SCALE

1000 0 500 1000 2000 4000

(IN FEET)

1 inch = 1000 feet

OVERALL DIAGRAM OF PROPOSED IMPROVEMENTS

DRAFT

HERNANDO, MS BIKE & PEDESTRIAN MASTER PLAN

NEEL-SCHAFFER

Solutions you can build upon