

## TRANSPORTATION COMMITTEE

FAYETTE COUNTY, GEORGIA  
140 Stonewall Avenue West, Suite 100  
Fayetteville, Georgia 30214

Charles W. Oddo - Fayette County BOC  
Maurice Ungaro - Town of Brooks Staff  
Jaimi Tapp - Town of Tyrone Citizen Representative  
Chris Hindman - City of Fayetteville Staff  
Sgt. Chris Robison - Fayette County Sheriff's Office  
Martin Sas – Fayette County Citizen Representative  
Mayor Gary Laggis - Town of Woolsey  
Phil Mallon - Fayette County Staff  
Randy Ognio - Fayette County BOC  
Shayne Robinson - Peachtree City Citizen Representative

# AGENDA

October 1st, 2019 at 2:00 P.M.

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1. Call to Order by Chair Randy Ognio
2. Ascertainment of Quorum
3. Acceptance of Meeting Agenda
4. Review and Approval of the September 10<sup>th</sup> Transportation Committee Meeting Minutes
5. Report of Committee Members
  - a. Update on ARC TIP solicitation
  - b. 2017 SPLOST Project Updates
  - c. Inman Road and SR 92 – GDOT evaluation for school zone
6. Public Comment
7. Unfinished Business
8. New Business
  - a. Town of Tyrone Transportation Update – Phillip Trocquet, Planning & Development Coordinator
  - b. Comprehensive Transportation Plan – close of public comment period, review of comments
  - c. GDOT Statewide Transit Plan Focus Group Summary
  - d. Corridor Studies – preparation for final report
9. Adjournment



# FAYETTE COUNTY

## TRANSPORTATION CORRIDORS STUDY

Sandy Creek Road, Tyrone Road-Palmetto Road, Banks Road, SR 279

**Transportation Committee Meeting – October 1<sup>st</sup>, 2019**

# STUDY EXTENT

- From Veterans Pkwy to State Route 74
- Approximately 4.6 miles

**SANDY CREEK ROAD**

- From State Route 54 to the Coweta County line
- Approximately 6.2 miles

**TYRONE ROAD – PALMETTO ROAD**

- From State Route 54 to State Route 314
- Approximately 1.9 miles

**BANKS ROAD**

- From Corinth Road to Fulton/ Fayette County Border
- Approximately 4.25 miles

**STATE ROUTE 279**



# STUDY VISION





# OUR PROCESS

## CONCEPT DEVELOPMENT

Approach and process undertaken to develop the preliminary concepts and arrive at the preferred alternatives

## WEIGHTED SCORING & JUSTIFICATION

Technical scoring process to identify preferred alternative

## PREFERRED ALTERNATIVE

Preferred alternative analysis includes cost estimates and impact investigation to include right of way, environmental and utility impacts

## COMMUNITY ENGAGEMENT

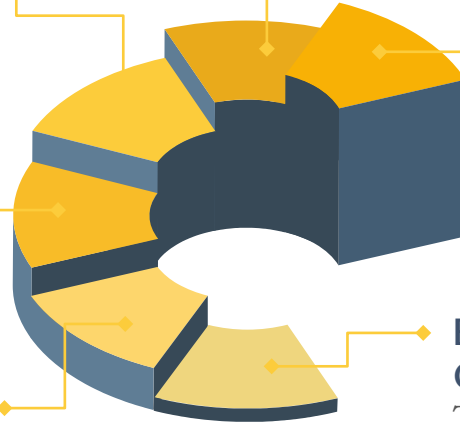
Traditional public meetings; stakeholder meetings; online surveys; interactive project website

## NEED ASSESSMENT

Comprehensive look at the existing conditions, future demographic and population projections, to help understand the needs along the corridor

## EXISTING CONDITIONS

This includes technical analysis - roadway conditions, crash records, road safety audits





PIOH 1

- Almost **200** citizens attended
- Close to **350** individual comments



PIOH 2

- **250** citizens attended
- **175** individual comment forms



SURVEYS

- **515** Online Survey Comments

PIOH - 1



STAKEHOLDER COMMITTEE

PIOH - 2



WEBPAGE

SURVEYS



SOCIAL MEDIA & EMAIL BLASTS





Banks  
Road



# BANKS ROAD

Concept Development and Preferred Alternative Analysis

# Widen Banks Road to 4-Lane Median Divided



Access Management From SR 314 To SR 85 City Limits



Widen Banks Road to 4-lane median divided from SR 85 to SR 54



Realign Ellis Road, Traffic Signal and Turn Lanes




Multi-Use Path On Southside; Sidewalk on Northside



**Benefits:**

- Increases capacity of corridor and improves travel times
- Improves safety by correcting horizontal and vertical curves
- Design can yield a 40% - 60% reduction in crashes per mile
- Provides safe access for pedestrians and bicyclists

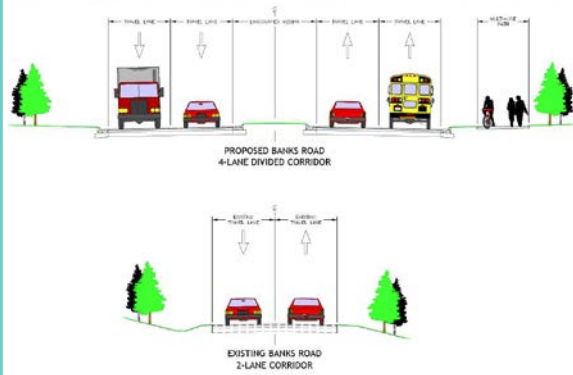
**Construction Cost:**

 \$6,575,000





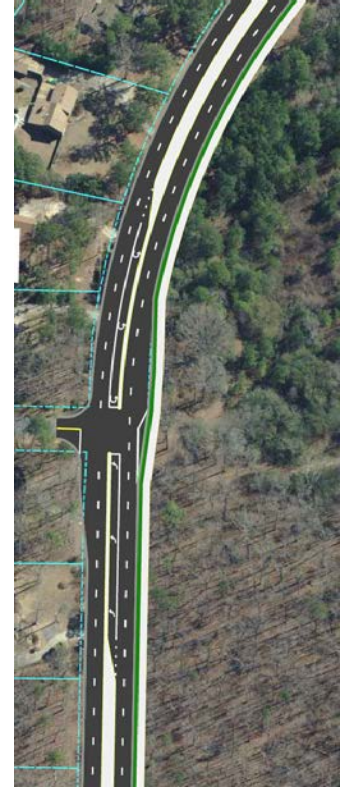
**Widen Banks Road to 4-lane median divided from SR 85 to SR 54**



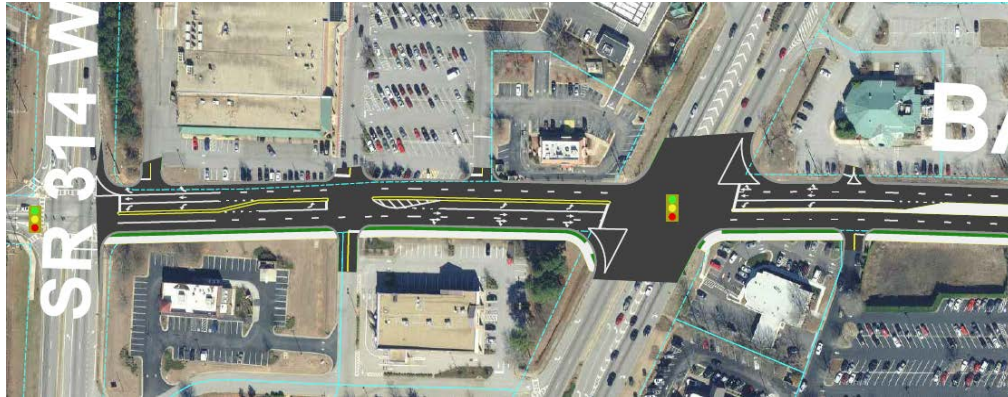
**Realign Ellis Road, Traffic Signal and Turn Lanes**



**Multi-Use Path On Southside; Sidewalk on Northside**



**Access Management From SR 314 To SR 85 City Limits**





Tyrone Road -  
Palmetto Road



# TYRONE ROAD - PALMETTO ROAD

Concept Development and Preferred Alternative Analysis

**4-Lane Widening from Dogwood Trail to SR 54**



Roundabout at Dogwood Trail Intersection



Widen Tyrone Road to 4-Lane Median Divided from Dogwood Trail to SR 54



Multi-Use Path On Southside



Traffic Signal At Flat Creek Trail



Intersection Improvements at SR 54 with turn lanes and updated traffic signal phasing



**Benefits:**

- Increases capacity of corridor and improves travel times
- Improves safety by correcting horizontal and vertical curves
- Design can yield a 40% - 60% reduction in crashes per mile
- Improves traffic operations at major intersections

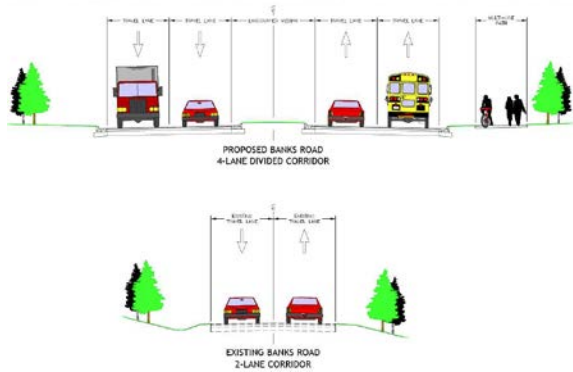
**Construction Cost:**

 **\$8,046,000**





### Widen Tyrone Road to 4-Lane Median Divided from Dogwood Trail to SR 54



### Roundabout at Dogwood Trail Intersection



### Multi-Use Path On Southside; Sidewalk on Northside



### Traffic Signal At Flat Creek Trail



### Intersection Improvements at SR 54 with turn lanes and updated traffic signal phasing





## Intersection Improvement at Senoia Road – Roundabout



### Benefits:

- Improves traffic operations at intersection
- Traffic calming measure
- Improves safety by up to 70% crash reductions

### Construction Cost:

 \$1,850,000



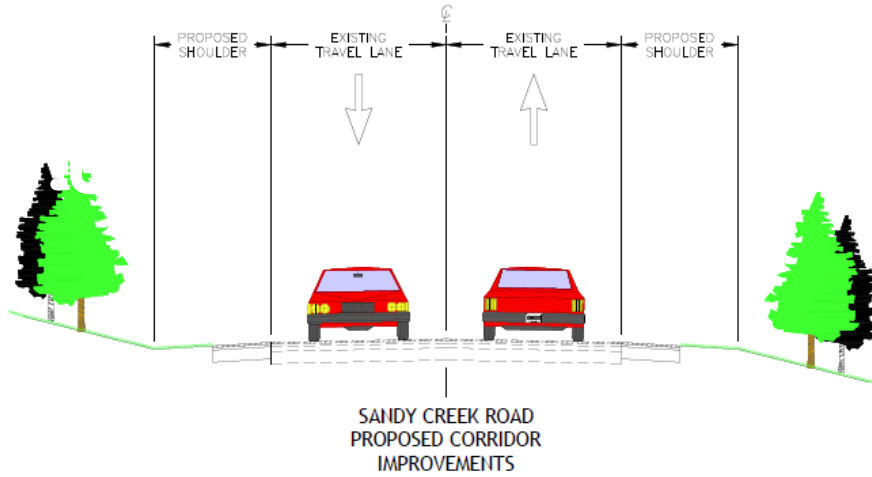
Sandy Creek  
Road



# SANDY CREEK ROAD

**Concept Development and Preferred Alternative Analysis**

**Add shoulders along entire corridor**



**Benefits:**

- Improves safety by reducing driver strain
- Improves sight distance
- Provides motorists a recovery area to regain control of vehicle
- Provides structural support to the pavement.

**Construction Cost:**

 **\$2,530,000**





## Install roundabout at Sams Drive-Trustin Lake –Eastin Road



### Benefits:

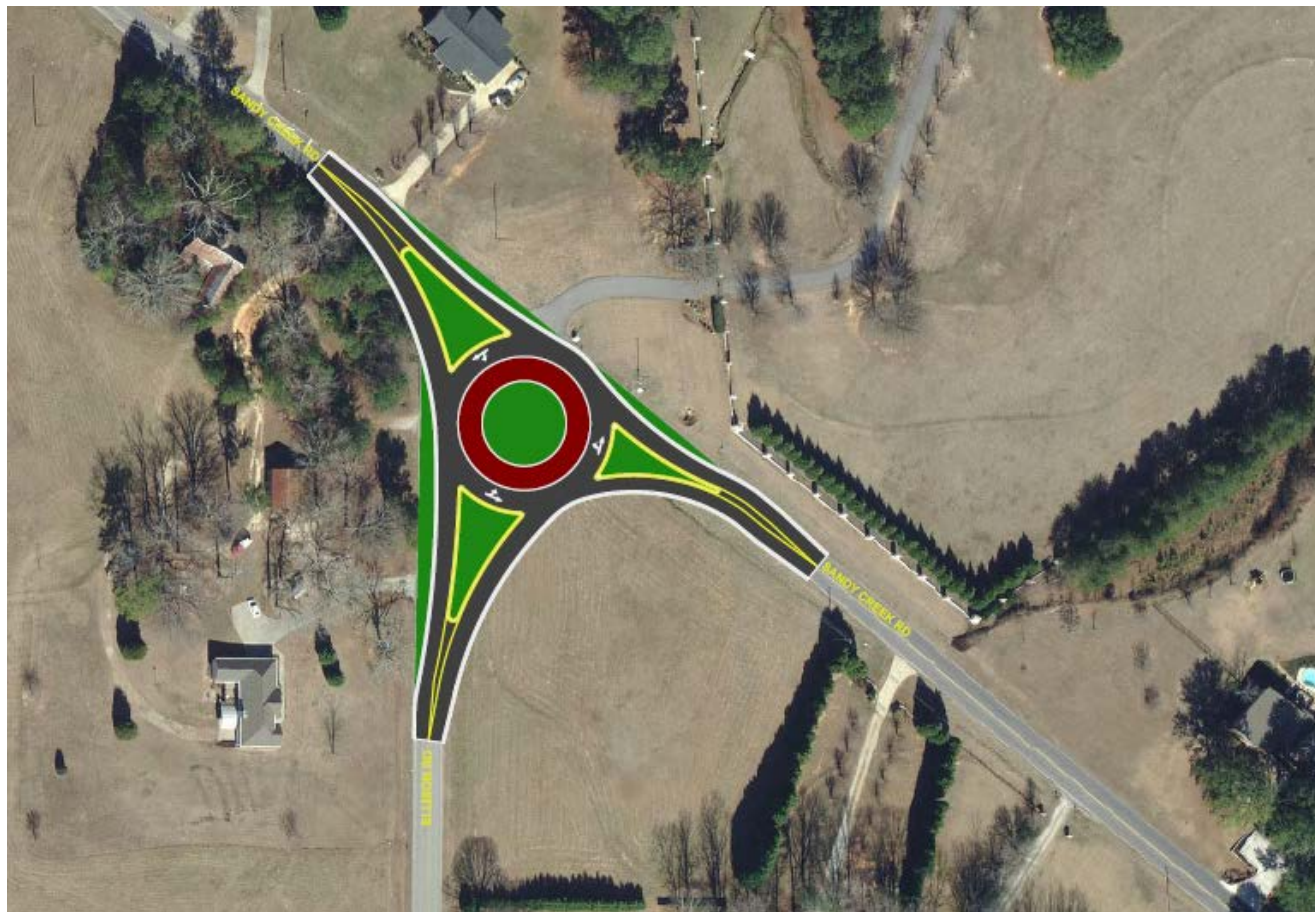
- Improves traffic operations at intersection
- Traffic calming measure
- Improves safety by up to 70% crash reductions
  - *Eastin Road @ SCR one of highest crash rates in county (8.0 per 1MVM)*

### Construction Cost:



\$1,650,000

## Intersection Improvement at Ellison Road - Roundabout



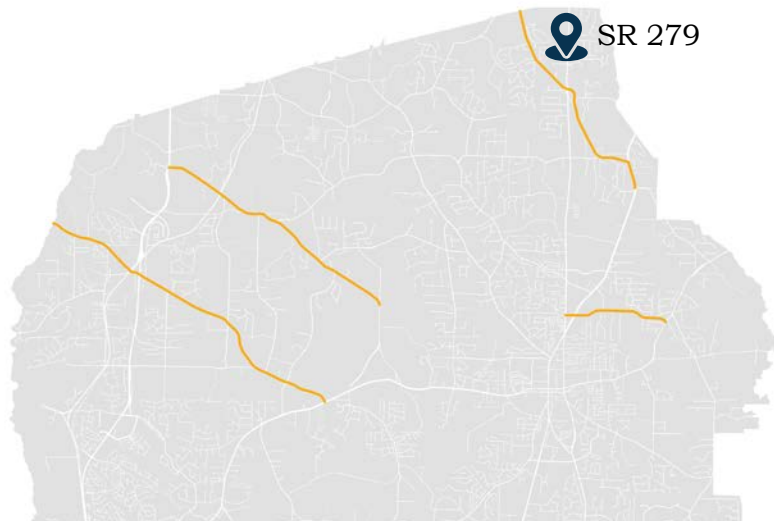
### Benefits:

- Significantly improves traffic operations at intersection
- Traffic calming measure
- Encourage diverted trips from Jenkins Road
- Improves safety by up to 70% crash reductions

### Construction Cost:



\$1,320,000

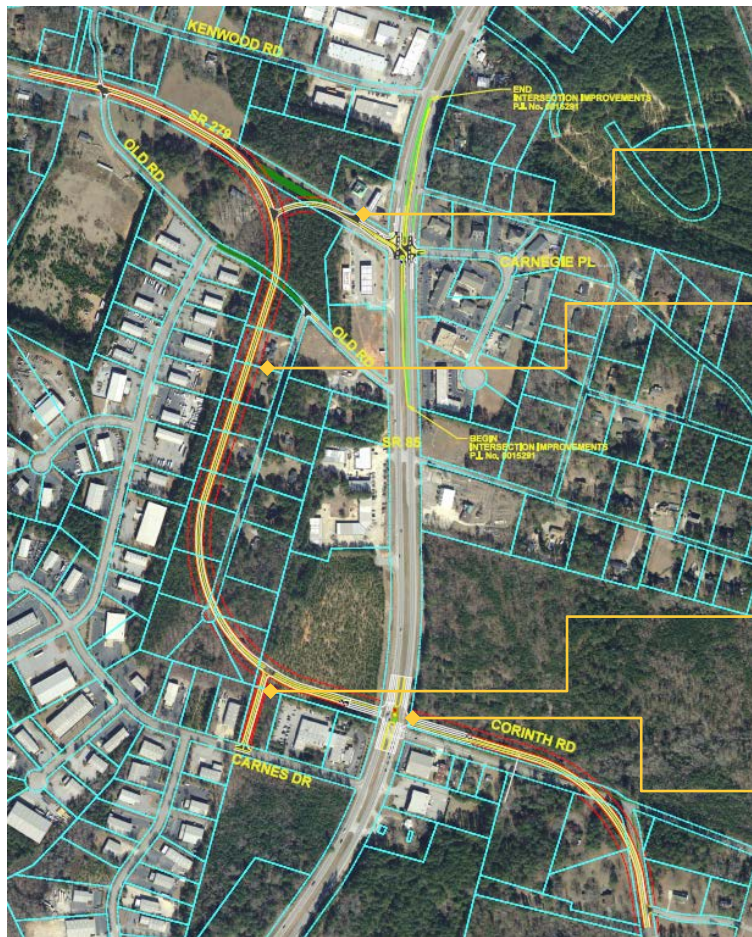


# STATE ROUTE 279

**Concept Development and Preferred Alternative Analysis**



## SR 279 and Corinth Road Realignment – Version 1



Convert SR 279 at SR 85 to RCUT



Realign SR 279 with Corinth Road



Connected Road from SR 279 to Carnes Drive



Modified Traffic Signal to Accommodate Thru-lane

### Benefits:

- Improves travel time from Corinth Road to SR 279 N
- Reduction in angle crashes at two intersections
- Reduces congestion of Highway 85
- Accommodates additional traffic projected from the East Fayetteville Bypass
- Reduces emissions

### Construction Cost:

 \$1,855,000

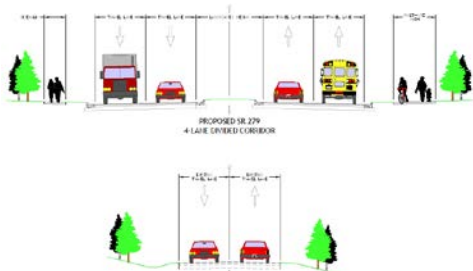
## 4-Lane Widening from SR 138 to SR 314



Widen SR 279 to 4-lane Median Divided from SR 138 to SR 314



Multi-Use Path On Southside



Safety Improvements along the Corridor

Widening Extent

Safety Improvements



### Benefits:

- Increases capacity of corridor and improves travel times
- Improves safety by correcting horizontal and vertical curves
- Design can yield a 40% - 60% reduction in crashes per mile
- Provides safe access for pedestrians and bicyclists

### Construction Cost:

\$4,160,000



## Intersection Improvement at Kenwood Road - Roundabout



### Benefits:

- Improves traffic operations at intersection
- Traffic calming measure
- Improves safety by up to 70% crash reductions

### Construction Cost:



\$1,450,000



# THANK YOU!

Does anyone have any questions?

Phil Mallon, P.E., Program Manager  
Fayette County Public Works  
[pmallon@fayettecountyga.gov](mailto:pmallon@fayettecountyga.gov)

&

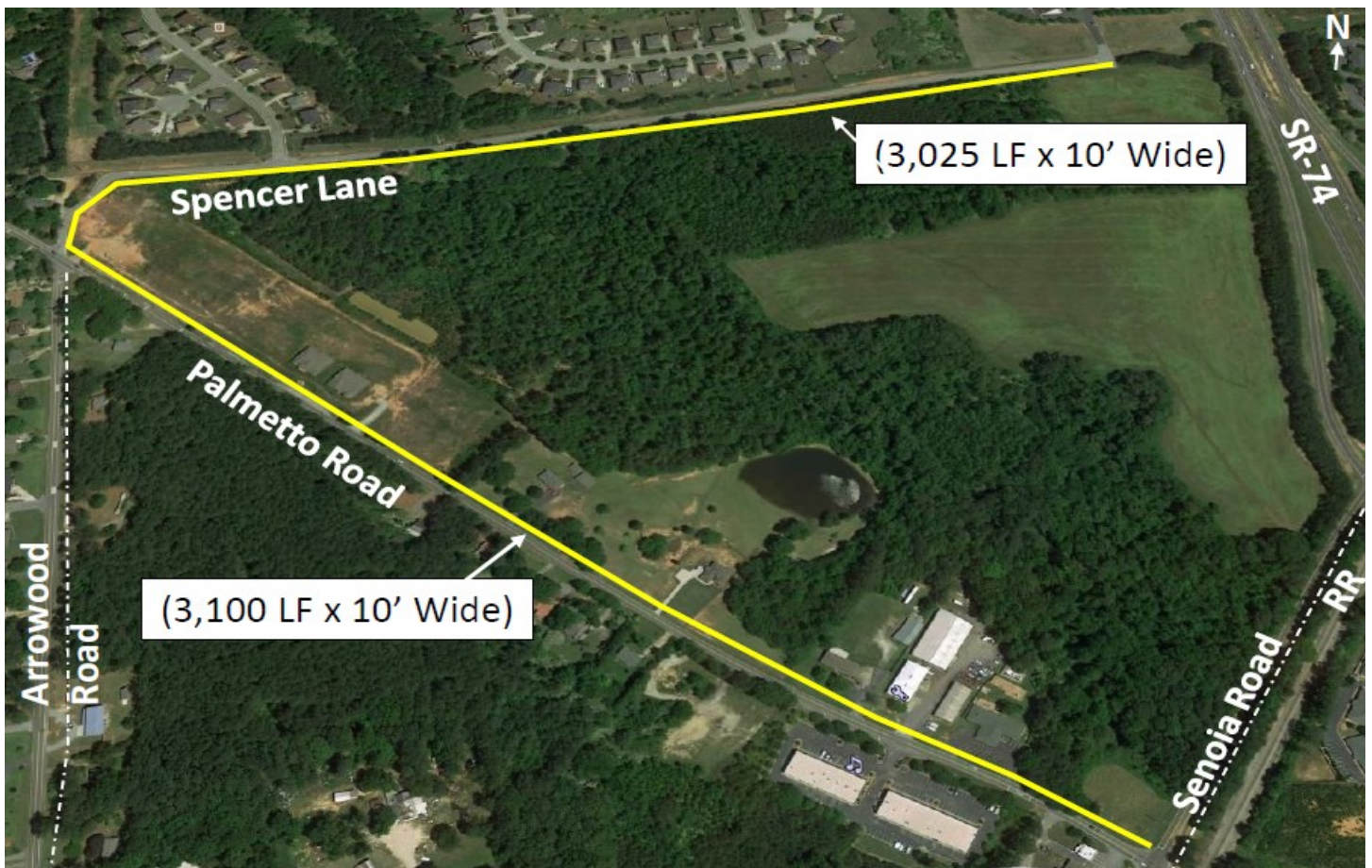
Daniel B. Dobry, Jr., P.E., PTOE, AICP  
Croy Engineering LLC  
[ddobry@croyengineering.com](mailto:ddobry@croyengineering.com)

**{1} Sidewalks/Paths Expansion (Commerce, Spencer, Palmetto, Swanson Roads)**

Funding Required: \$500,000

Completion Date: 2022

Town Development Ordinances require new residential development to include sidewalks and/or multi-use paths, but there are portions of the Town that were developed prior to this rule being implemented, or the homes are not within a traditional neighborhood setting. The roads included in this grouping, Commerce Drive, Spencer Lane, Palmetto Road, and Swanson Road all help connect centers of population with retail and dining establishments in the Commercial Corridor and the Town Center District. These additions will also terminate into existing stretches of non-road transportation network.



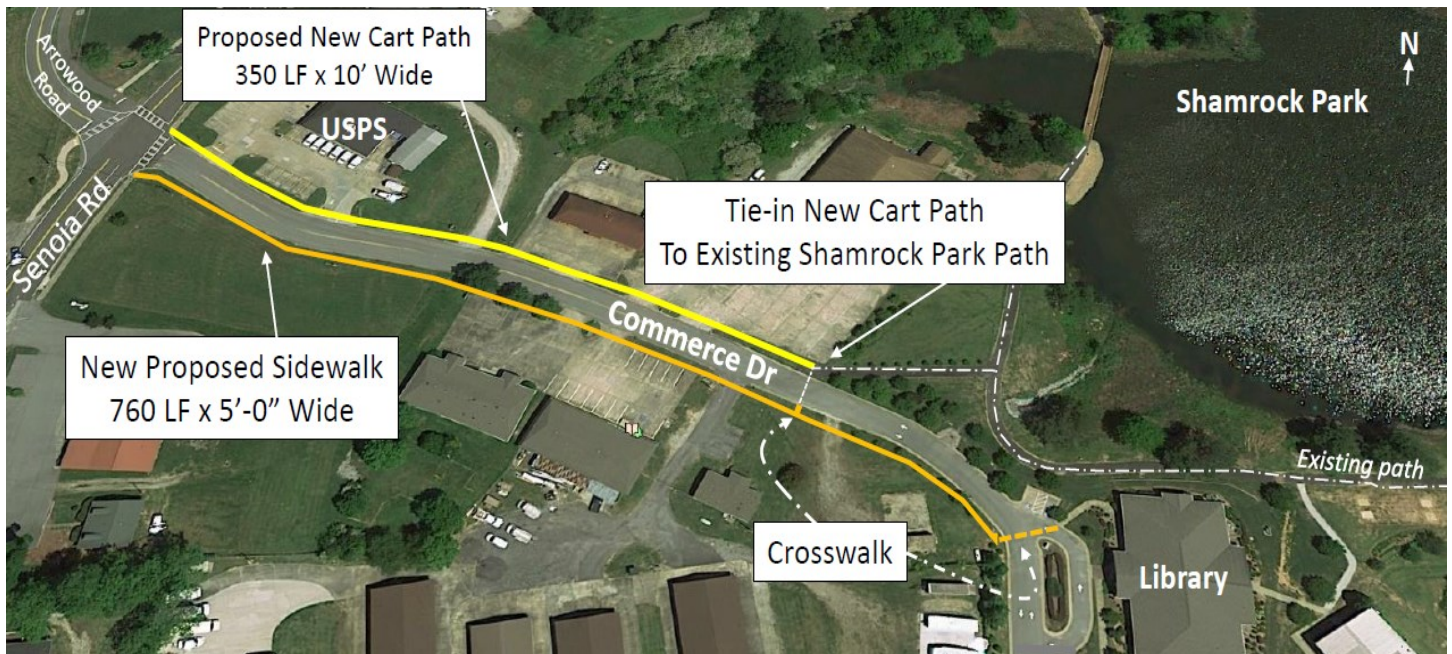


**Sidewalks/Paths Expansion (Commerce, Spencer, Palmetto, Swanson Roads)**

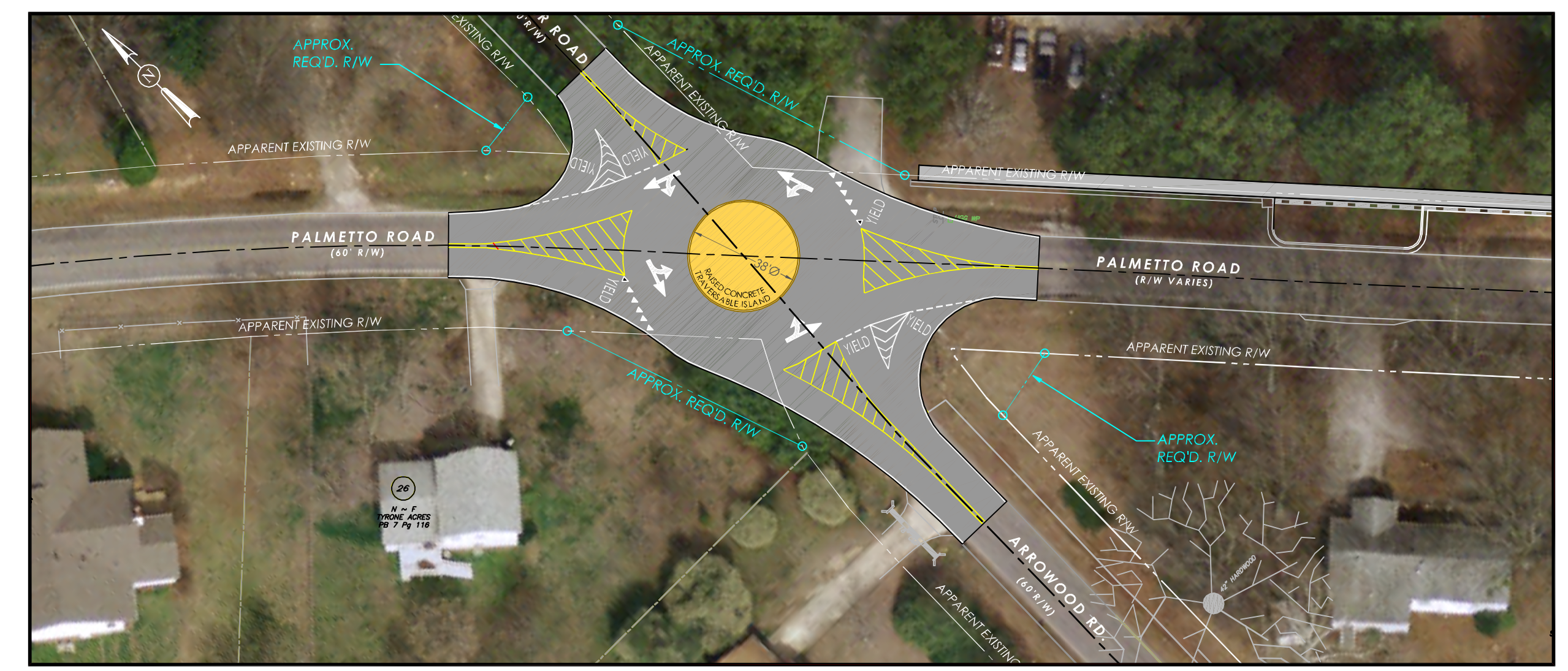
Funding Required: \$500,000

Completion Date: 2022

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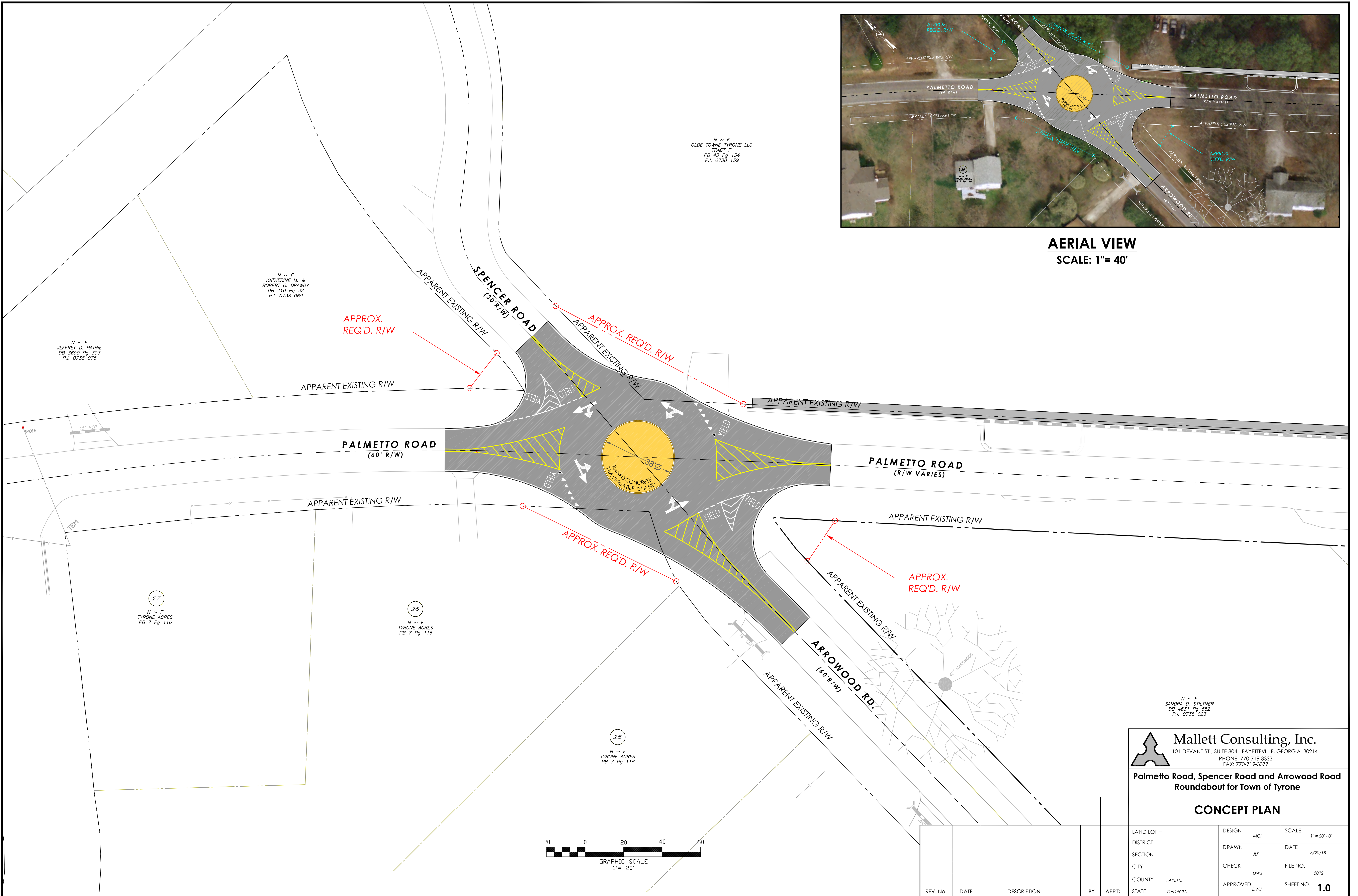






**AERIAL VIEW**

SCALE: 1" = 40'



N ~ F  
OLDE TOWNE TYRONE LLC  
TRACT F  
PB 43 Pg 134  
P.I. 0738 159

N ~ F  
KATHERINE M. &  
ROBERT G. DRAWDY  
DB 410 Pg 32  
P.I. 0738 069

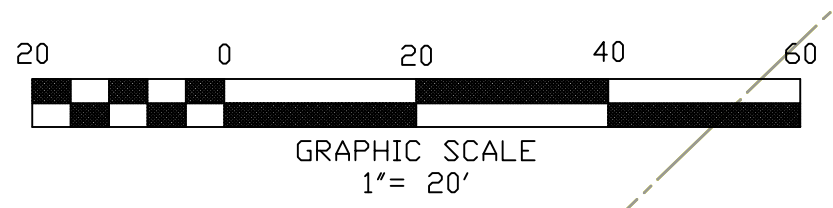
N ~ F  
JEFFREY D. PATRIE  
DB 3690 Pg 303  
P.I. 0738 079

27  
N ~ F  
TYRONE ACRES  
PB 7 Pg 116

26  
N ~ F  
TYRONE ACRES  
PB 7 Pg 116

25  
N ~ F  
TYRONE ACRES  
PB 7 Pg 116

N ~ F  
SANDRA D. STILTNER  
DB 4631 Pg 682  
P.I. 0738 023



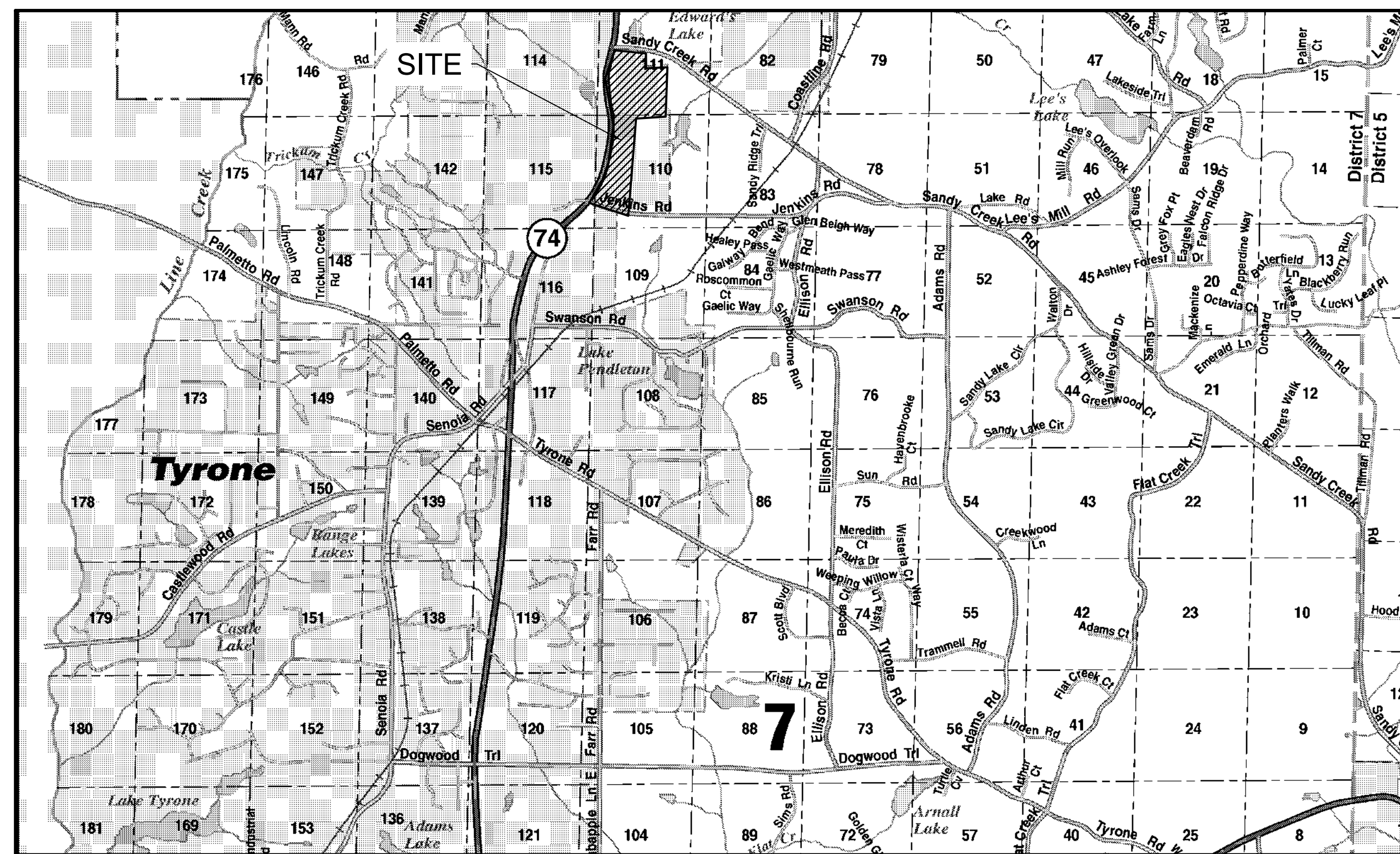
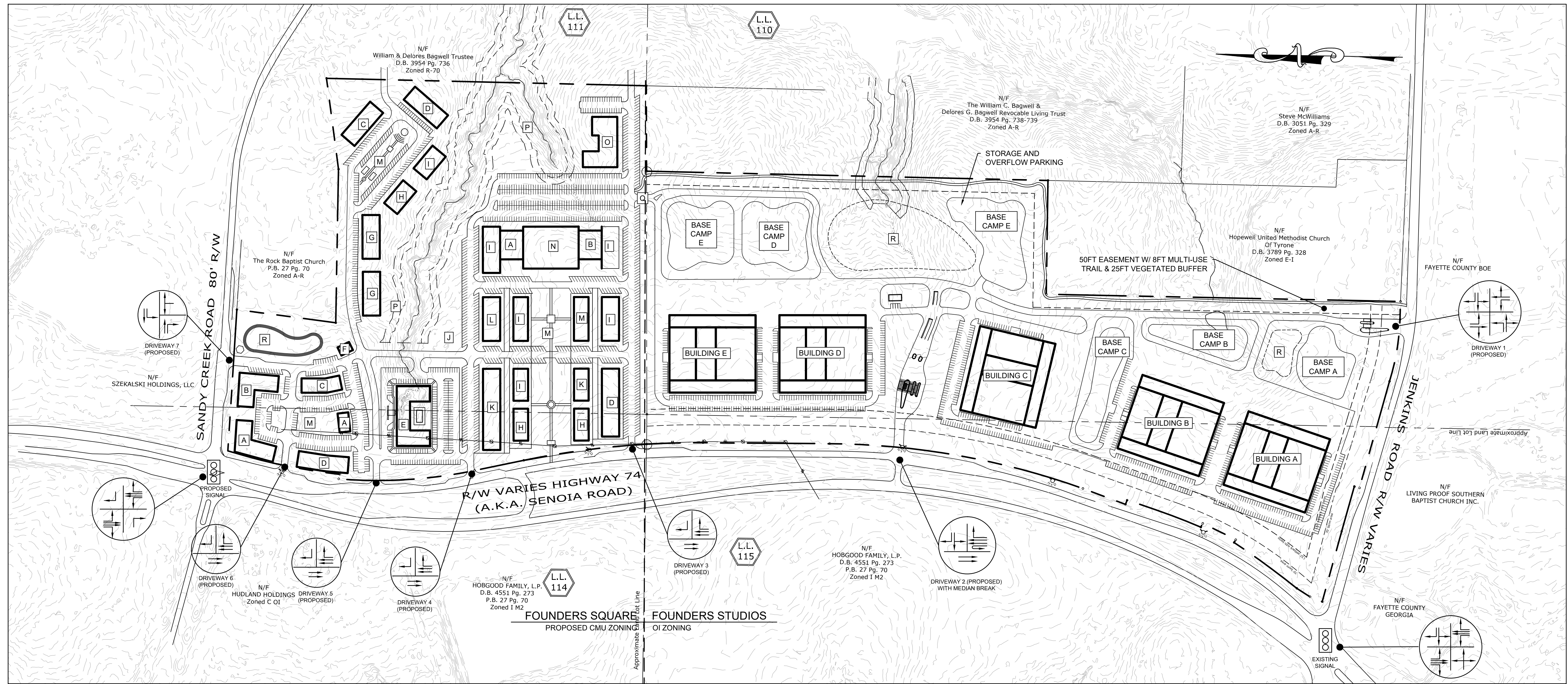
**Mallett Consulting, Inc.**  
101 DEVANT ST., SUITE 804 FAYETTEVILLE, GEORGIA 30214  
PHONE: 770-719-3333  
FAX: 770-719-3377

**Palmetto Road, Spencer Road and Arrowood Road Roundabout for Town of Tyrone**

**CONCEPT PLAN**

LAND LOT -	DESIGN MCI	SCALE 1" = 20' - 0"
DISTRICT -	DRAWN JLP	DATE 6/20/18
SECTION -	CHECK DWJ	FILE NO. 5092
CITY -	APPROVED DWJ	SHEET NO. <b>1.0</b>
COUNTY - FAYETTE		
STATE - GEORGIA		





VICINITY MAP (NTS)

**SITE PLAN NOTES:**

- OWNER:  
HOBGOOD FAMILY L.P.  
P.O. BOX 881  
FAIRBURN, GA 30213
- DEVELOPER:  
DOCKERY GROUP  
103 GUTHRIE WAY  
PEACHTREE CITY, GA 30269  
CONTACT: NATHAN DOCKERY  
PHONE: 770-789-7456
- TRAFFIC ENGINEER:  
KIMLEY-HORN & ASSOCIATES, INC.  
817 WEST PEACHTREE STREET, SUITE 6011  
ATLANTA, GA 30308  
CONTACT: ELIZABETH JOHNSON  
PHONE: 404-419-8772
- CIVIL ENGINEER:  
INTEGRATED SCIENCE & ENGINEERING, INC.  
1039 SULLIVAN ROAD, STE. 200  
NEWNAN, GA 30265  
CONTACT: JASON WALLS, P.E.  
PHONE: 678-552-2106
- SITE DATA:  
PARCEL ID NUMBER: 0725014  
SITE AREA: 88.43 ACRES  
PROPOSED ZONING:  
FOUNDERS STUDIOS: OI  
FOUNDERS SQUARE: CURRENT OI & AR  
PROPOSED: CMU
- USE: MIXED USE
- PROPOSED SETBACKS/BUFFERS PER CMU ZONING:  
ALL SETBACKS ALONG ADJOINING ZONING DISTRICTS SHALL BE 75 FEET. A 75 FOOT BUFFER SHALL BE IN EFFECT ALONG ALL BORDERING RESIDENTIAL ZONING DISTRICTS COTERMINOUS WITH SETBACKS. SETBACKS FROM MAJOR AND MINOR COLLECTORS, MINOR THOROUGHFARES, AND RESIDENTIAL STREET SHALL BE 75 FEET. SETBACKS FROM MAJOR THOROUGHFARES AND STATE ROUTES SHALL BE 100 FEET.
- PROPOSED SETBACKS/BUFFERS PER OI ZONING:  
SETBACK (HWY 74/ JENKINS RD): 70 FT LANDSCAPED BERM AND 132 FT SETBACK  
EASTERN SIDE OF PROPERTY: 50FT EASEMENT W/ 8FT MULTI USE TRAIL AND 25FT VEGETATED BUFFER
- PROPOSED PARKING PER TOWN ORDINANCES
- BUILDING HEIGHT NOT TO EXCEED 3 STORIES

**SITE PLAN LEGEND:**

- A. RETAIL SPACE
  - B. RESTAURANT SPACE
  - C. MULTI-PURPOSE SPACE
  - D. OFFICE SPACE
  - E. HOTEL SPACE
  - F. FARMERS MARKET WITH TRAILS
  - G. TOWNHOMES
  - H. OFFICE / LOFT SPACE
  - I. RETAIL / LOFT SPACE
  - J. TRAILHEAD TO GREENWAY AND PLAYGROUND
  - K. MULTI-PURPOSE / RETAIL SPACE
  - L. BREW PUB / LOFT SPACE
  - M. CENTRAL PARK AREA
  - N. MOVIE THEATRE
  - O. MULTI-PURPOSE / OFFICE SPACE
  - P. GREENWAY TRAIL SYSTEM
  - Q. GATED CONNECTION TO FOUNDERS STUDIO
  - R. POND
- BUILDINGS A-E: STUDIOS (92,500 SF EACH)

**PARKING SUMMARY:**

TOTAL PARKING REQUIRED:  
 1. STUDIOS = 800 SPACES  
 2. OFFICE = 308 SPACES  
 3. HOTEL = 90 SPACES  
 4. TOWNHOMES = 42 SPACES  
 5. LOFTS = 202 SPACES  
 6. RETAIL = 1007 SPACES  
 7. RESTAURANT = 467 SPACES

TOTAL PARKING REQUIRED: 2914 SPACES

TOTAL PARKING SHOWN: 2162 PROVIDED

\* PARKING WILL MEET ZONING CONDITIONS AND CONSIDER CROSS SHARING OF DIFFERENT ADJACENT USES

\*\* PVIOUS OVERFLOW PARKING PROVIDED FOR STUDIO

**SITE PLAN DATA:**

- STUDIOS = ± 462,500 SF
- OFFICE = ± 76,500 SF
- HOTEL = ± 60,000 SF - 80 ROOMS
- RESIDENTIAL TOWNHOMES = ± 21,000 SF - 21 UNITS
- RESIDENTIAL LOFTS = ± 101,000 SF - 101 UNITS
- RETAIL = ± 183,000 SF
- RESTAURANT = ± 35,000 SF

PRELIMINARY:  
NOT FOR CONSTRUCTION

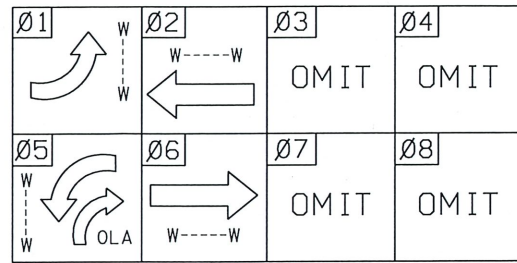
Date	Drawn by	Check by	Project #	Scale	Description	Rev.	Date
7/13/18	RAA	JJW	1270.1701	1" = 200'		1	
	RAA	JJW					

CONCEPTUAL PLANS FOR  
**FOUNDERS STUDIO AND FOUNDERS SQUARE**  
 LOCATED IN LAND LOTS 110, 111, 114 AND 115 OF TYRONE, FAYETTE COUNTY, GEORGIA

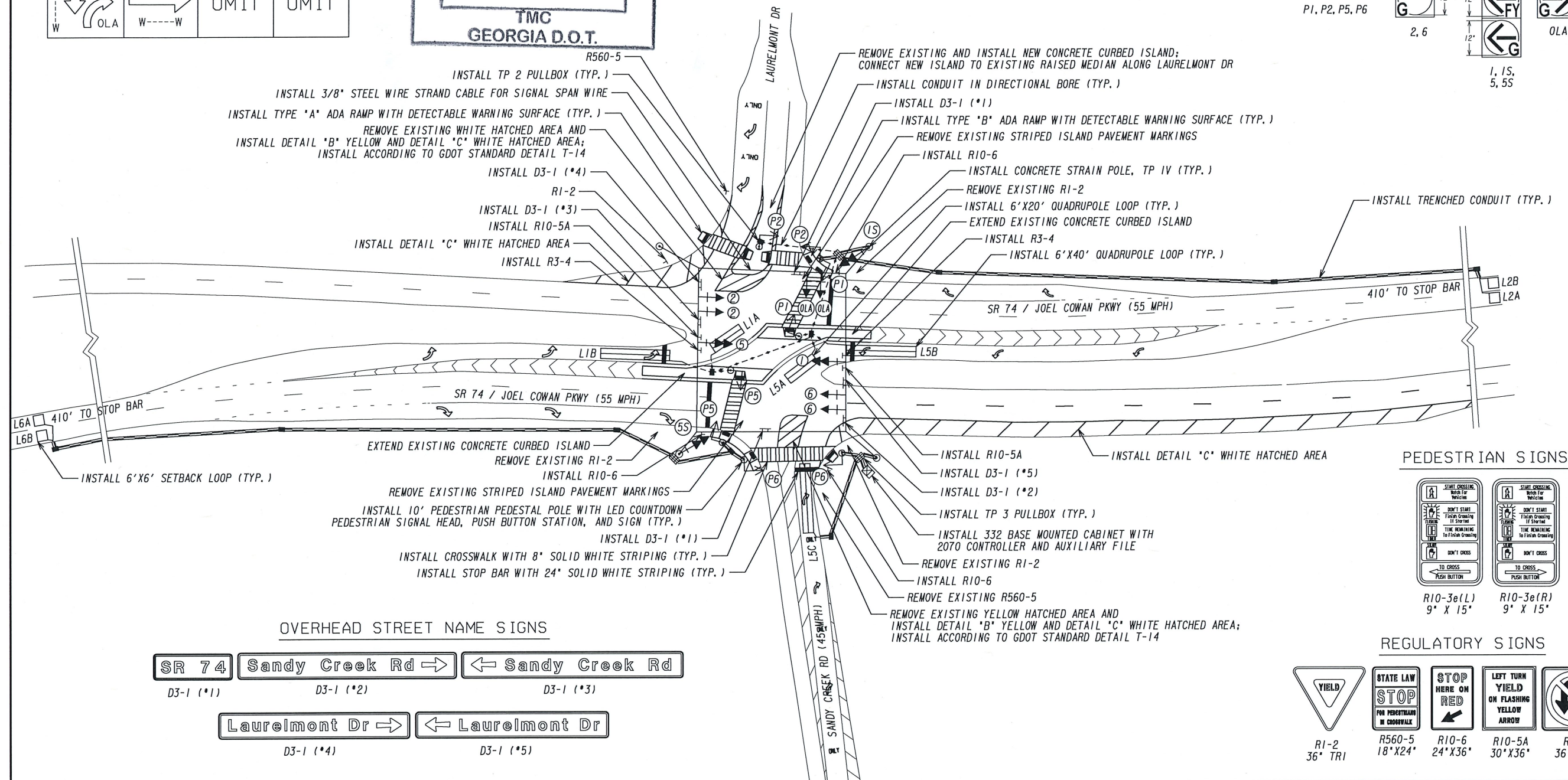
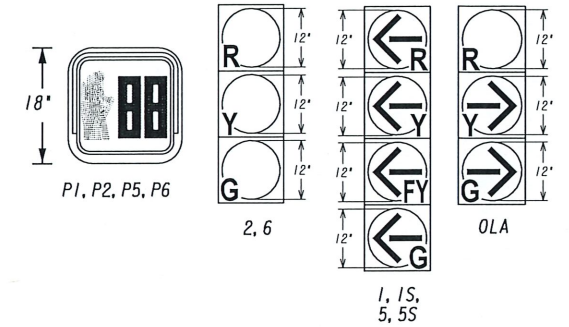
D.R.I. SITE PLAN



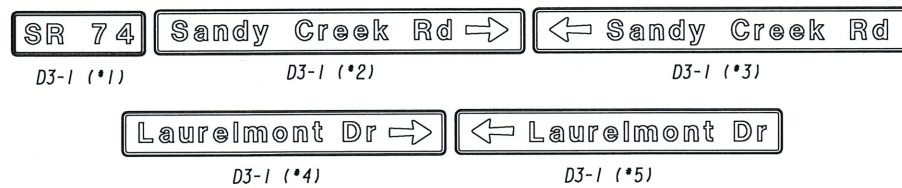
**PHASING DIAGRAM**



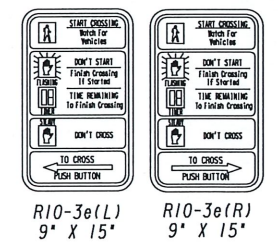
**LED SIGNAL HEADS WITH RETRO-REFLECTIVE BACK PLATES**



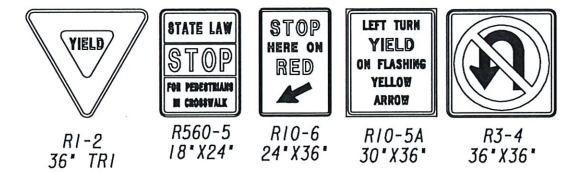
**OVERHEAD STREET NAME SIGNS**



**PEDESTRIAN SIGNS**



**REGULATORY SIGNS**

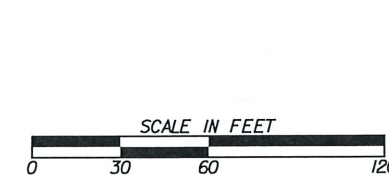


**SIGNAL LEGEND**

PROPOSED 3-SEC SIGNAL HEAD	PROPOSED 4-SEC SIGNAL HEAD
EXISTING 3-SEC SIGNAL HEAD	PROPOSED 5-SEC (CLUSTER)/T-SHAPED SIGNAL HEAD
RELOCATED 3-SEC SIGNAL HEAD	PEDESTRIAN SIGNAL HEAD

**DETECTION LEGEND**

PROPOSED VIRTUAL DETECTION ZONE
PROPOSED INDUCTIVE LOOP
PROPOSED VIDEO DETECTION CAMERA
PROPOSED MAGNETOMETER
PROPOSED RADAR

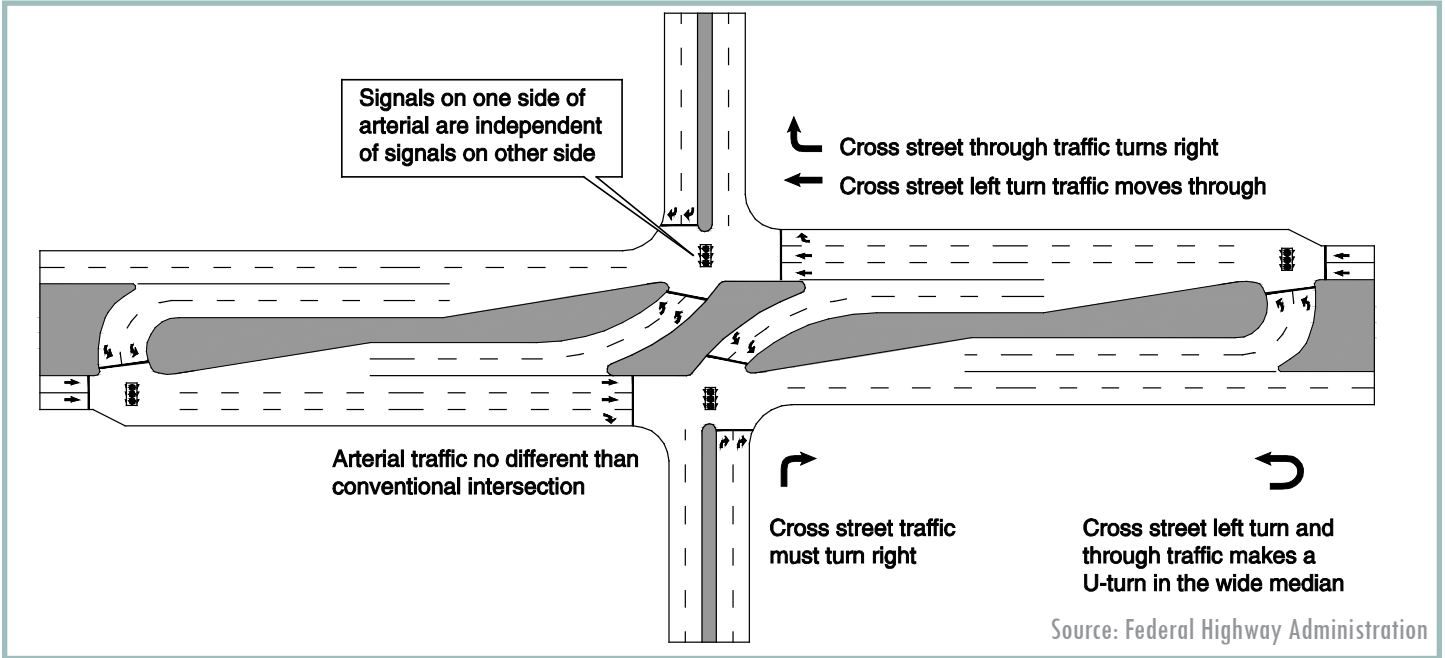


**REVISION DATES**

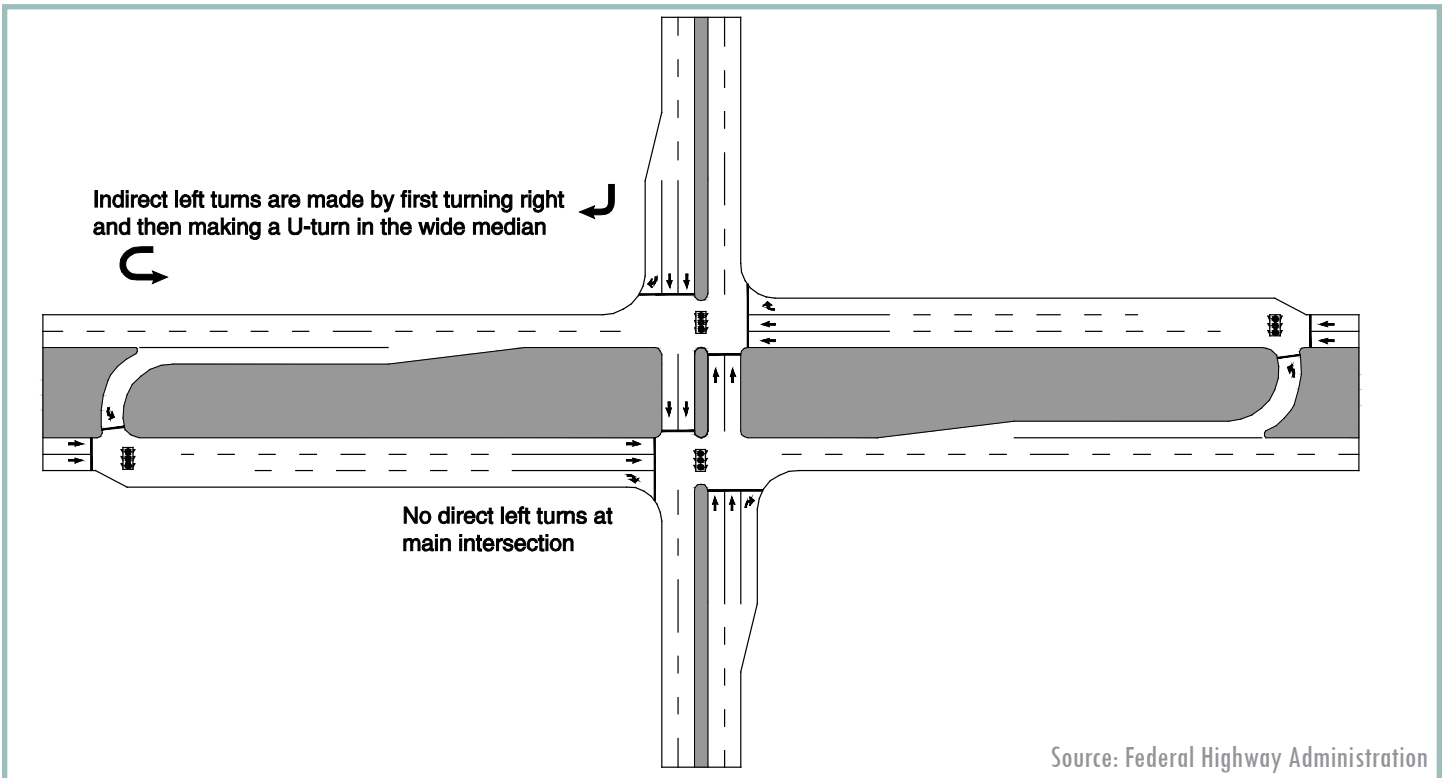

**SIGNAL PLANS**  
 SR 74 / JOEL COWAN PKWY AT SANDY CREEK RD / LAURELMONT DR FAYETTE COUNTY

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

**Operation of a Restricted Crossing U-Turn Intersection**

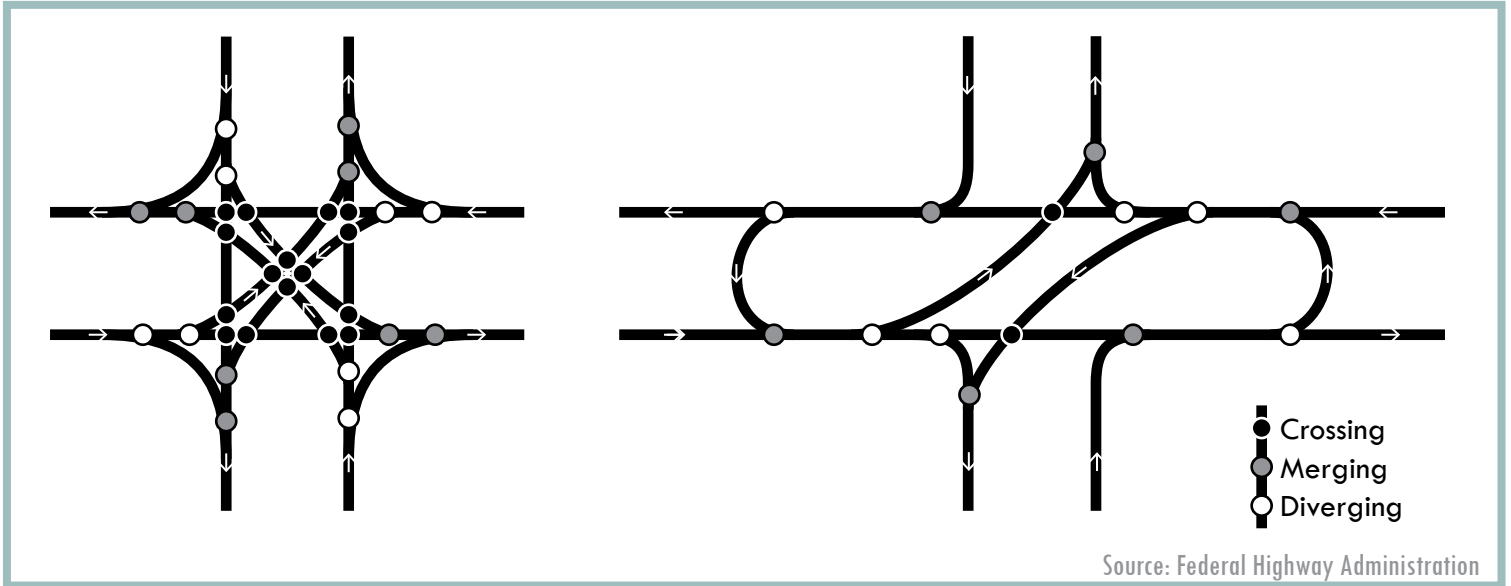


**Operation of a Median U-Turn Intersection**

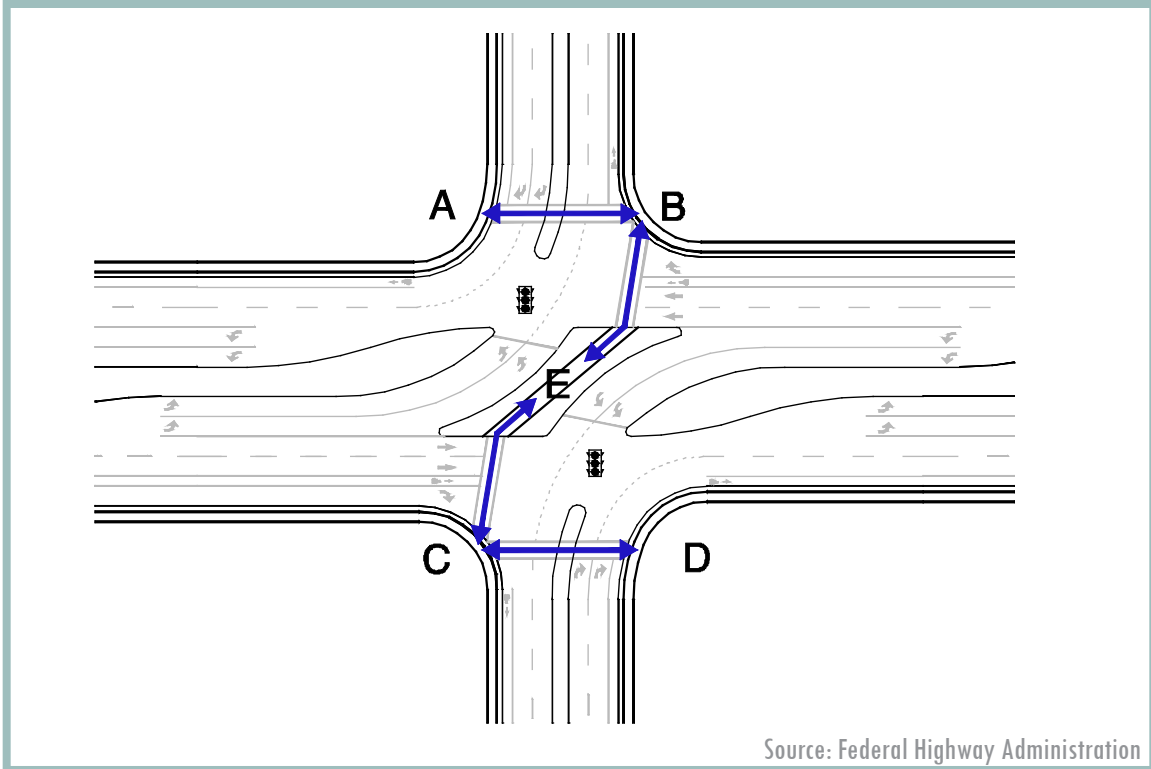




Conflict Points in Conventional Intersections and RCUT/J-Turn Intersections



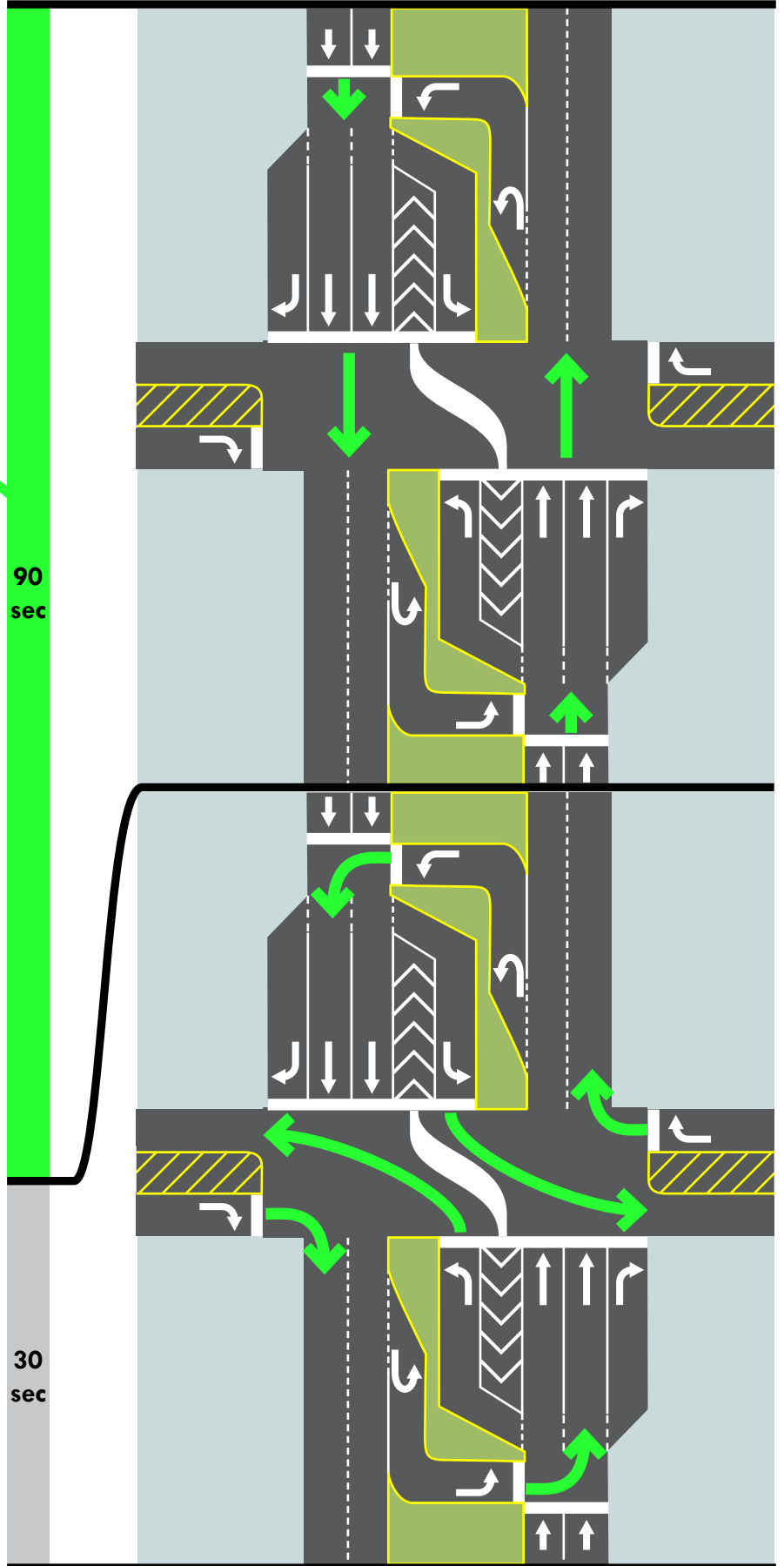
Pedestrian Crossing Patterns



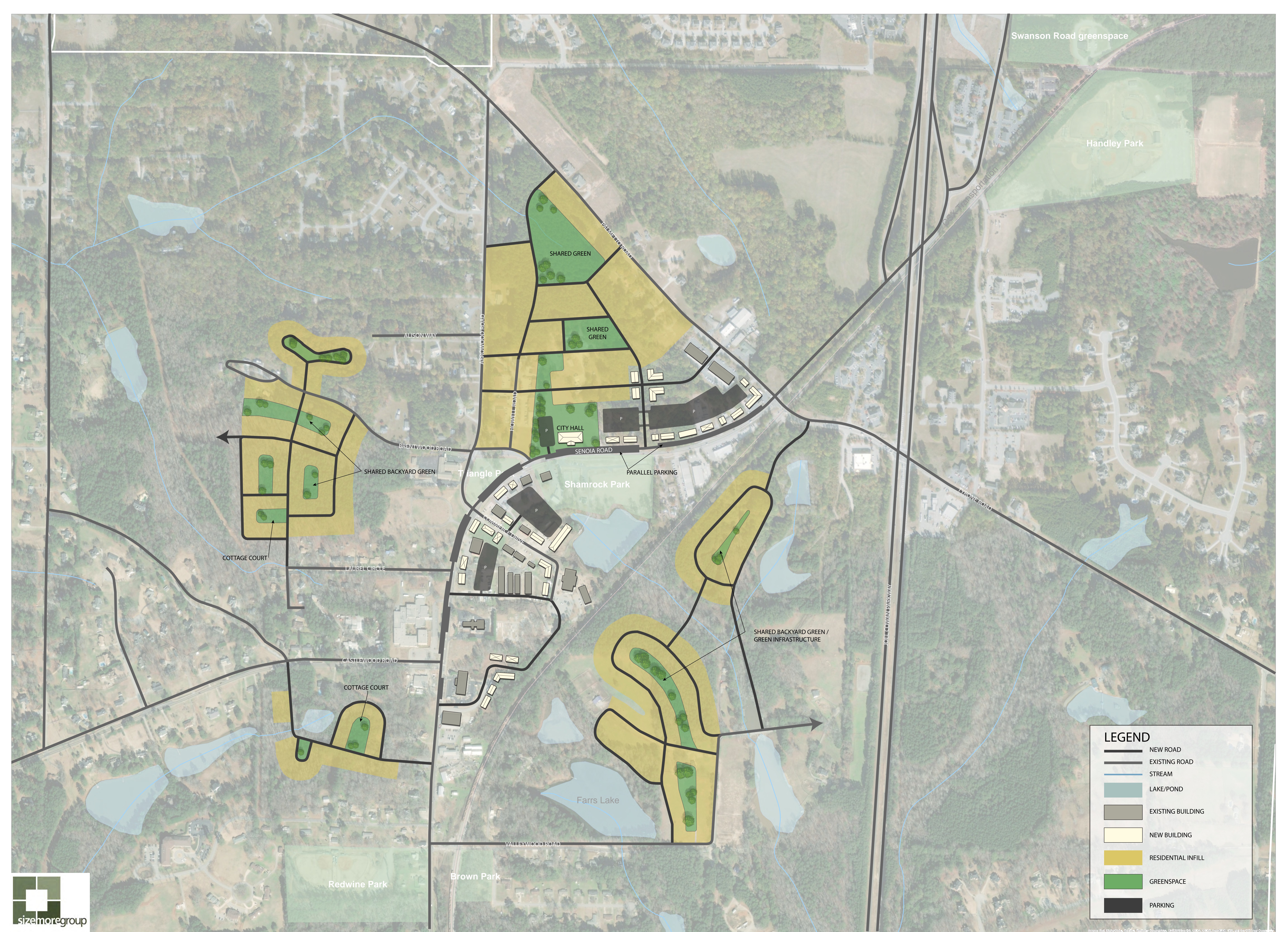
Restricted Crossing U-Turn Intersection Operations

When converted to a Superstreet intersection, the mainline through movement is given more time, making for faster travel along the corridor

Studies have shown that Superstreets reduce network travel times by 25% to 40% over conventional intersections





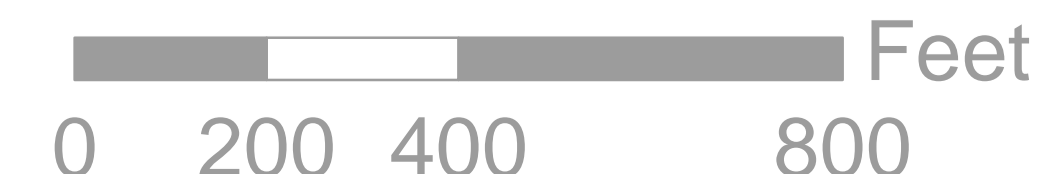


**LEGEND**

- NEW ROAD
- EXISTING ROAD
- STREAM
- LAKE/POND
- EXISTING BUILDING
- NEW BUILDING
- RESIDENTIAL INFILL
- GREENSPACE
- PARKING



# TYRONE DOWNTOWN INFILL CONCEPT MAP





**GEORGIA DEPARTMENT OF  
TRANSPORTATION**

# **GEORGIA STATEWIDE TRANSIT PLAN**

Counties Without Public Transit Focus Group



# Purpose of the Statewide Transit Plan (SWTRP)

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The purpose of the SWTRP is to coordinate with local governments, MPOs, and transit providers to quantify public transit needs and document strategies to ensure all Georgians have access to public transit.





# Counties and Organizations in Attendance



- 
- Newton County
  - City of Columbus
  - Augusta
  - Macon-Bibb County
  - Central Savannah Regional Area (CSRA)- non-profit planning and development agency that serves a 13 county region in the eastern portion of Central Georgia. (Richmond County, Columbia County, Burke County, Jefferson County etc.)

# What is Needed to Bring Transit to your County?

## SOME SUGGESTIONS

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- Educating leadership on benefits of transit
- Educating the public on opportunities outside of the counties that public transit would help citizens gain access to. (Employment and Education - Athens)
- Regional Coordination (MARTA, Gwinnett County Transit)







# Common Themes from Existing Plans

- 
- Connecting to jobs and healthcare
  - Coordinating regionally for greater connectivity
  - Enhancing awareness of existing transit service
  - Improving access and mobility for elderly and underserved populations
  - Exploring opportunities to partner with private companies (Ride hailing services)



# Next Steps



GDOT will continue to review transit trip data and demographic needs to quantify the state's transit needs and develop potential solutions.

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Moving forward, the planning process will rely on stakeholder interviews and extensive public engagement to identify additional public transit needs, challenges, and service gaps.

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The final SWTRP will include recommendations and implementation strategies for efficient, effective, and forward thinking public transit service that meets the needs of all Georgians.



## **SUBMIT QUESTIONS AND COMMENTS**

Kaycee Mertz, AICP  
Rail & Transit Planning Manager  
Division of Intermodal  
600 West Peachtree Street  
Atlanta, GA 30308

[TRANSITPLAN@DOT.GA.GOV](mailto:TRANSITPLAN@DOT.GA.GOV)