

ORIGINAL
STAMPED IN RED

ORDINANCE NO.: 2022-076

Granting an encroachment to Central Midlands Regional Transit Authority (CMRTA), for the use of the right of way area of the 3700 and 3800 blocks of Lucius Road and the 3800 block of River Drive for the installation and maintenance of sidewalks and a bus stop adjacent to 3800 and 3808 Lucius Road, Richland County TMS#09103-07-01

WHEREAS, Central Midlands Regional Transit Authority (CMRTA), (hereinafter "Grantee") desires to utilize a portion of the right of way area of the 3700 and 3800 blocks of Lucius Road and the 3800 block of River Drive for the installation and maintenance of sidewalks and a bus stop adjacent to 3800 and 3808 Lucius Road, as shown on the attached drawings; and,

WHEREAS, it appears that the encroachment will not interfere with the use of the medians or street for traffic, utility locations or other uses within the foreseeable future; NOW, THEREFORE,

BE IT ORDAINED by the Mayor and City Council of the City of Columbia, South Carolina, this 6th day of September, 2022, that Grantee is hereby granted the right to use the right of way areas of the 3700 and 3800 blocks of Lucius Road and the 3800 block of River Drive adjacent to 3800 and 3808 Lucius Road, Richland County TMS#09103-07-01, for the installation and maintenance of a six (6') wide sidewalk measuring approximately seven hundred and thirty (730') feet in length and a bus stop, as shown on the attached drawings.

PROVIDED FURTHER that all work shall comply with the requirements of The City of Columbia, South Carolina Department of Transportation (SCDOT) and Federal Emergency Management Agency (FEMA) now in existence or hereafter enacted. The materials and type of finish to be used are to be approved by the City Engineer prior to installation. Any damage to the street or sidewalk caused by Grantee's construction shall be repaired to the satisfaction of the City Manager. Improvements within the encroachment shall be maintained by the grantee at no cost to the City in a manner approved by the City Manager; and,

PROVIDED further that in the event the City has to make repairs or maintain utility lines located within the encroachment area the City will replace any items removed for the utility repair or maintenance with like items to those removed; and,

PROVIDED FURTHER that the privilege granted hereby may be modified or terminated by Columbia City Council at any time without notice to the Grantee, its successors and assigns; and,

PROVIDED FURTHER that a certificate of insurance be issued as evidence of general liability insurance with at least the minimum amount of \$600,000.00 for personal injury and property damage and naming the City as an insured, be provided to and filed annually with the City Clerk by Grantee, his successors and assigns, as required by Chapter 11, Licenses, Permits, Business Regulations, Article III, Contractors, Sec. 11-71, 1998 Code of Ordinances of the City of Columbia, South Carolina.

PROVIDED FURTHER that the privilege granted hereby is subject to the Grantee complying with the following conditions, restrictions or limitations:

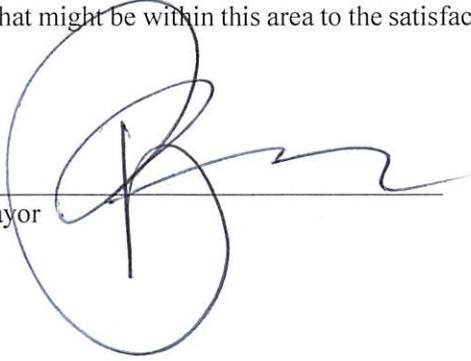
1. No item, including landscaping, shall be placed, planted or allowed to grow such that it creates a visual impediment to persons safely entering or exiting the driveway or to persons safely walking along the sidewalk. The City reserves the right to remove or cut any item located within the right of way which it deems to be a safety hazard.

2. Grantee is responsible for all maintenance and assuring that all accessibility and ADA requirements are met and maintained.
3. Grantee is responsible for maintaining landscaping and improvements.
4. Irrigation must be designed to avoid spraying walkways, sidewalks and streets and/or creating hazardous conditions upon the walkways, sidewalks and streets.
5. Obstructions of more than be four (4') feet in height are prohibited within the sight-visibility triangle.
6. Forestry and Beautification shall be provided access to trees within the right of way for maintenance purposes.
7. All trees shall be protected and no large tree roots shall be removed from any existing trees.
8. If sidewalk construction takes place within ten (10') feet of existing trees, trees should be removed as part of the project.
9. The sidewalk width shall be increased to six (6') feet in width as per City Engineering regulations which require a minimum sidewalk width of six (6') feet adjacent to a commercially zoned property.

BE IT FURTHER ORDAINED that Grantee, in consideration of the above privilege, shall at its expense provide for protection and relocation of all utilities that might be within this area to the satisfaction of the City Manager.

Requested by:

Assistant City Manager Gentry



Mayor

Approved by:



City Manager

Approved as to form:



City Attorney

ATTEST:



City Clerk

Introduced: 8/16/2022
Final Reading: 9/6/2022

**CITY COUNCIL
ENCROACHMENT SUMMARY**

2022-076



**3700 AND 3800 BLOCKS OF LUCIUS ROAD AND 3800 BLOCK OF RIVER DRIVE
ADJACENT TO 3800 AND 3808 LUCIUS ROAD
SIDEWALKS AND A BUS STOP**

Subject Property:	Right-of-way adjacent to 3800 and 3808 Lucius Road
Council District:	1
Proposal:	The applicant is requesting an encroachment for installation and maintenance of sidewalks and a bus stop
Applicant:	Central Midlands Regional Transit Authority (CMRTA)
Staff Recommendation:	Approval.

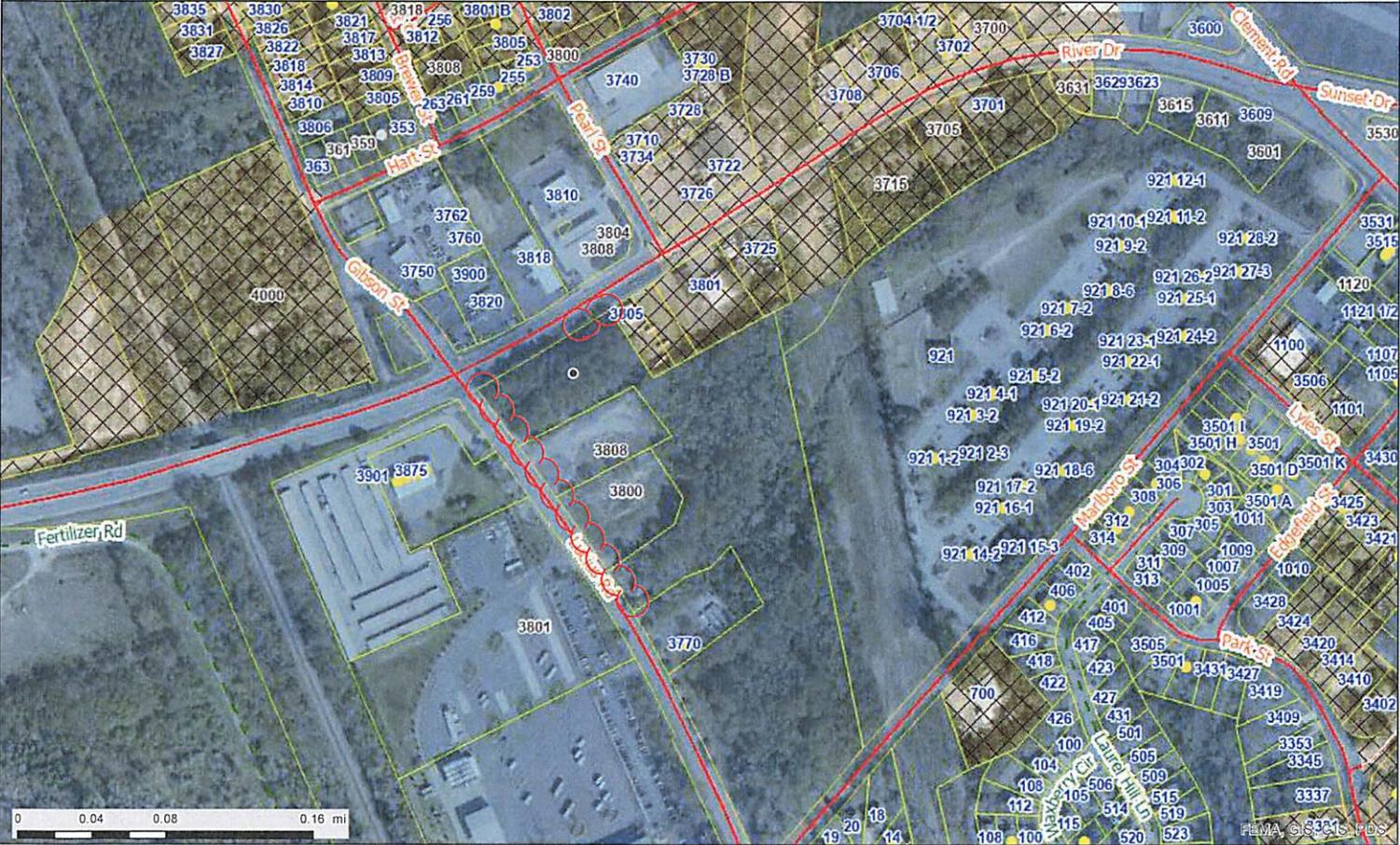
Detail:	<p>The applicant is requesting an encroachment for the installation and maintenance of a six (6') wide sidewalk measuring approximately seven hundred and thirty (730') feet in length and a bus stop, as shown on the attached drawings; and,</p> <p>Conditions of the proposed encroachment are as follows:</p> <ol style="list-style-type: none">1. No item, including landscaping, shall be placed, planted or allowed to grow such that it creates a visual impediment to persons safely entering or exiting the driveway or to persons safely walking along the sidewalk. The City reserves the right to remove or cut any item located within the right of way which it deems to be a safety hazard.2. Grantee is responsible for all maintenance and assuring that all accessibility and ADA requirements are met and maintained.3. Grantee is responsible for maintaining landscaping and improvements.4. Irrigation must be designed to avoid spraying walkways, sidewalks and streets and/or creating hazardous conditions upon the walkways, sidewalks and streets.5. Obstructions of more than be four (4') feet in height are prohibited within the sight-visibility triangle.6. Forestry and Beautification shall be provided access to trees within the right of way for maintenance purposes.7. All trees shall be protected and no large tree roots shall be removed from any existing trees.8. If sidewalk construction takes place within ten (10') feet of existing trees, trees should be removed as part of the project.9. The sidewalk width shall be increased to six (6') feet in width as per City Engineering regulations which require a minimum sidewalk width of six (6') feet adjacent to a commercially zoned property.
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City of Columbia

City of Columbia GIS



Wednesday, August 3, 2022



CITY OF COLUMBIA GIS DATA DISCLAIMER

The City of Columbia GIS data represented on this map or plan is the product of compilation, as produced by others. It is provided for informational purposes only and the City of Columbia makes no representation as to its accuracy. Its use without field verification is at the sole risk of the user.





Permanent Encroachment

Application and Checklist

Checklist for All Applications

A complete site plan application shall include the following information. Refer to the Procedures Manual for additional information about these requirements. Please initial to signify that the requested information has been provided.

	Applicant Initials	Staff Initials
A copy of this Application Checklist , completed by the applicant.	<input type="text" value="JA"/>	<input type="text"/>
A completed and signed Application Form	<input type="text" value="JA"/>	<input type="text"/>
Letters of Agency for all applications where the applicant is not the owner of the subject property	<input type="text" value="JA"/>	<input type="text"/>
Pictures or specification sheet of the items to permanently encroach the Right-of-way	<input type="text" value="JA"/>	<input type="text"/>
Existing Site Plan Please see page 4 below for required content.	1 copy: min. 18 x 24 inches or 1 digital copy (pdf format) – may be 8 ½ inches x 11 inches if legible <input type="text" value="JA"/>	<input type="text"/>
Proposed Site Plan Please see page 4 below for required content.	1 copy: min. 18 x 24 inches or 1 digital copy (pdf format) – may be 8 ½ inches x 11 inches if legible <input type="text" value="JA"/>	<input type="text"/>



Permanent Encroachment Application and Checklist

1. Applicant Information

Name Jonathan Atkins	
Company (if applicable) Davis & Floyd, Inc.	
Address (street, city, state, zip) 1319 Highway 72/221 East Greenwood, South Carolina 29649	
Phone (864)229-5211	Email jatkins@davisfloyd.com

2. Property Information

Address Corner of Lucius Road & River Road (Hwy 176)	
Tax Map Reference Number(s) R09103-07-01	
Current use NONE	Proposed use Bus Transit Station and Training Facility

3. Property Ownership

Does the applicant own the adjacent property? Yes No

If the applicant does not own the adjacent property, complete the **Letter of Agency** for each property owner that authorizes the applicant to submit this application on the property owner's behalf.



Permanent Encroachment Application and Checklist

4. Project Description

Provide a brief description of the project and list all items that will be placed in the right-of-way (walls, fences, columns, steps, irrigation systems, landscaping, driveways, pavers, sidewalks/walkways, planters, awnings, etc.)

The COMET is constructing a new bus transit station and training facility. After approval of the land disturbance permit and with discussions with the SCDOT, it was requested that there be additional sidewalk constructed adjacent to the project site. This 0.1 ac of new sidewalk will be placed along the north side of Lucius Rd. from the permitted project site eastward to Marlboro street.

For staff use only

Date received (M/D/Y): ____/____/____

By: _____



Permanent Encroachment

Application and Checklist

5. Additional Submission Requirements

Existing Site Plan

This shall be a site plan of the existing conditions or a plat of survey, to scale and fully dimensioned.

Proposed Site Plan

The proposed site plan shall be prepared to scale and fully dimensioned, and include the following:

	Applicant	Staff
Total acreage	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Location of lots and outlets (numbered and area in square feet)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Location of buildings (including setbacks from property lines and distances between buildings)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Location of parking and access/driveways	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Location of rights-of-way and/or easements for streets, railroads, and utility	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lines upon and abutting subject property	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Location of streets, alleys, railroads, and utility lines upon and abutting subject property	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Section of sidewalk or right-of-way to be used for the encroachment	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Proposed placement of permanent items and furnishings on the sidewalk	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Proposed placement of permanent items and furnishings in the right-of-way	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Location and height of all fences, walls, and exterior lighting in the right-of-way	<input checked="" type="checkbox"/>	<input type="checkbox"/>
North arrow	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Scale	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Vicinity map (at 1 inch equals 1,000 feet)	<input checked="" type="checkbox"/>	<input type="checkbox"/>

6. Acknowledgement

For a continuing encroachment on any type of property in which the City has an interest (i.e., rights of way, tree zone, sidewalk, streets), the person or entity is required to have an encroachment ordinance enacted by City Council permitting the encroachment. Encroachment ordinances are required for but not limited to: irrigation systems; landscaping; fencing; walls; pavers; walkways; outdoor dining items (chairs, tables, umbrellas, etc.); awnings; bollards and directional signs (i.e., churches) Business signs are NOT permitted via an encroachment.

Encroachments must comply with all existing City codes, rules and regulations, the Americans with Disabilities Act, if applicable, and are subject to review and approval by City staff. Enactment of the encroachment ordinance by a majority vote of City Council, which is a discretionary legislative act, is also required.

In order to obtain an encroachment ordinance from the City of Columbia, it will be necessary for the City of Columbia to be named as an additional insured on your insurance policy with limits being increased to \$600,000 as required by Sec. 11-71. It is recommended that you contact your insurance provider to determine if it will name the City of Columbia as an additional insured prior to submitting your request for an encroachment ordinance. If you have any questions concerning these requirements, please contact Chip Timmons with Risk Management, (803) 733-8306 or catimmons@columbiasc.net.

All work shall comply with the requirements of the City of Columbia and South Carolina Department of Transportation now in existence or hereafter enacted. The materials and type of finish to be used are to be approved by the City Engineer prior to installation.



Permanent Encroachment Application and Checklist

Any damage to the street or sidewalk caused by construction shall be repaired to the satisfaction of the City Manager. Improvements within the encroachment shall be maintained by the grantee at no cost to the City in a manner approved by the City Manager.

Property owned, operated and maintained by SCDOT shall comply with SCDOT encroachment requirements.

Permittee understands and agrees that the privilege granted may be modified or terminated by the City of Columbia at any time without notice and that the privilege granted hereby is subject to applicant's compliance with the following conditions, restrictions or limitations:

Permittee must comply with all existing City of Columbia and any other state or federal codes, rules and regulations, as applicable including the Americans with Disabilities Act, now in existence or hereafter enacted.

7. Signature

Signature of Applicant 	
Print Name Jonathan Atkins	Date 07/19/2022



NOTES:
 1. EXISTING AND PROPOSED CONSTRUCTION SHALL BE SHOWN IN THE SAME COLOR AND STYLE OF LINE AS SHOWN ON THE PLAN.
 2. EXISTING AND PROPOSED CONSTRUCTION SHALL BE SHOWN IN THE SAME COLOR AND STYLE OF LINE AS SHOWN ON THE PLAN.
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GENERAL LEGEND

PROPERTY LINE	---
EASEMENT	---
PROPOSED CONSTRUCTION	---
EXISTING CONSTRUCTION	---
PROPOSED EASEMENT	---
EXISTING EASEMENT	---
PROPOSED ROAD	---
EXISTING ROAD	---
PROPOSED UTILITY	---
EXISTING UTILITY	---

DEMOLITION LEGEND

DEMOLITION	---

811
 Know what's below. Call before you dig.
 PROJECT DATA INFORMATION
 PROJECT NUMBER: 12345678
 SHEET NUMBER: 12345678
 DATE: 12/31/2023

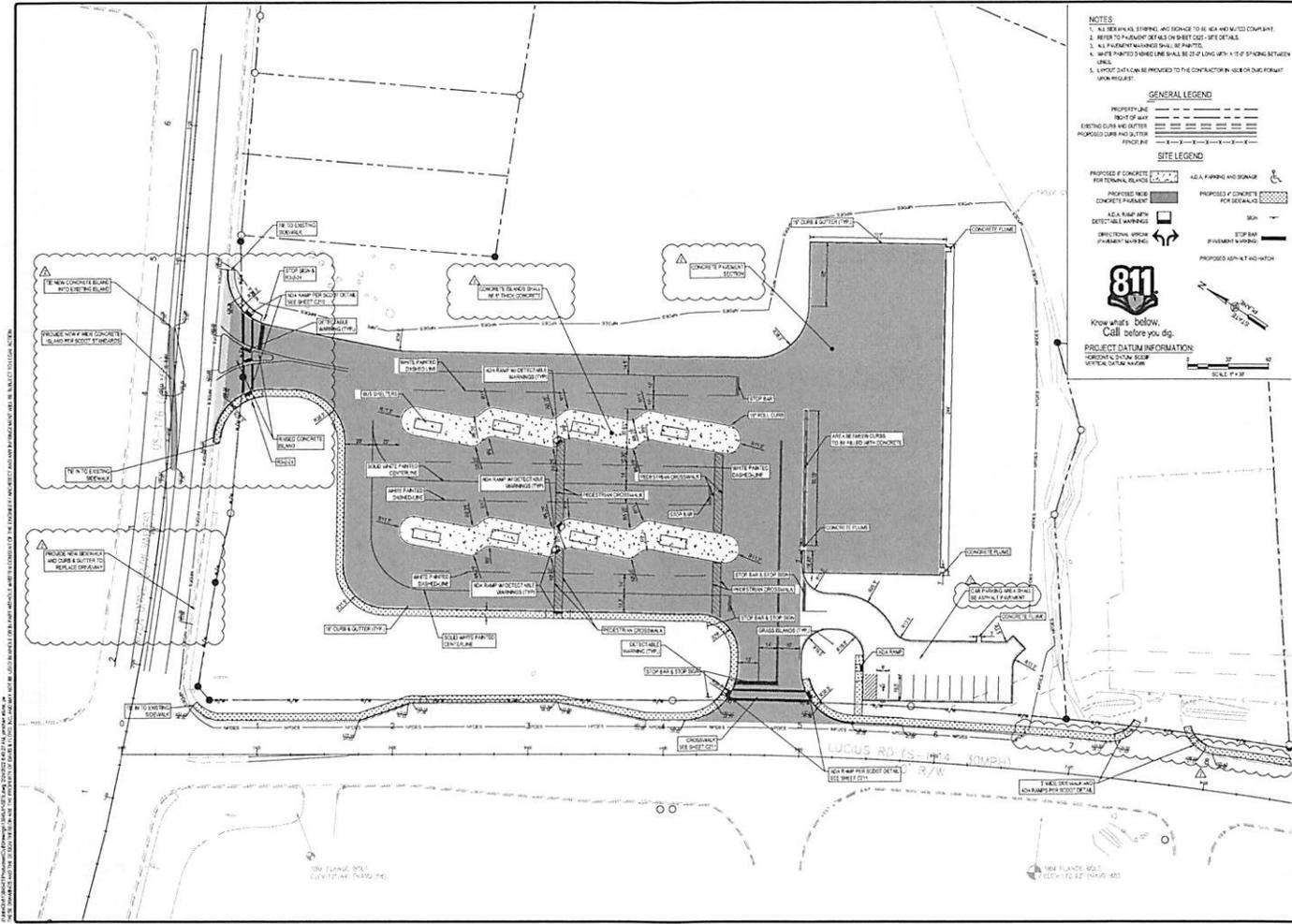
DAVIS & FLOYD
 ENGINEERS & ARCHITECTS
 12345 MAIN STREET
 SUITE 1000
 COLUMBIANA, MISSISSIPPI 39232
 PHONE: (601) 723-1234
 FAX: (601) 723-5678
 WWW.DAVISANDFLOYD.COM

CENTRAL MISSISSIPPI REGIONAL UNIVERSITY
 LUCAS ROAD SUPERSTOP
 PROJECT DATA INFORMATION
 PROJECT NUMBER: 12345678
 SHEET NUMBER: 12345678
 DATE: 12/31/2023

EXISTING CONDITIONS & DEMOLITION

NO.	DESCRIPTION	STATUS
1	EXISTING CONSTRUCTION	EXISTING
2	PROPOSED CONSTRUCTION	PROPOSED
3	DEMOLITION	DEMOLITION
4	PROPOSED EASEMENT	PROPOSED
5	EXISTING EASEMENT	EXISTING
6	PROPOSED ROAD	PROPOSED
7	EXISTING ROAD	EXISTING
8	PROPOSED UTILITY	PROPOSED
9	EXISTING UTILITY	EXISTING

C100
 3 2 1



NOTES

1. ALL SEWER, STORM, AND SERVICE TO BE SET AND WETTED CORRECTLY.
2. REFER TO PLANS FOR ALL DIMENSIONS AND DETAILS.
3. ALL PAVEMENT MARKINGS SHALL BE PAINTED.
4. WARE PARTS TO BE SET SHALL BE SET LONG WITH 1" OF SPACING BETWEEN UNITS.
5. LATEST DATA CAN BE PROVIDED TO THE CONTRACTOR IN CASE OF ANY FUTURE WORK REQUIRED.

GENERAL LEGEND

PROPERTY LINE
 RIGHT OF WAY
 EXISTING CURB AND GUTTER
 PROPOSED CURB AND GUTTER
 FINISH GRADE

SITE LEGEND

PROPOSED PAVED DRIVEWAY
 PROPOSED NEW CONCRETE PAVEMENT
 A.S.A. RAMP WITH DETAIL MARKINGS
 DIRECTIONAL SIGN
 PROPOSED SIGN AND LIGHT FIXTURE

A.S.A. PARKING AND STORAGE FOR SPECIAL VEHICLES
 PROPOSED PAVED DRIVEWAY
 6" MIN. FINISH GRADE
 STOP SIGN
 PROPOSED SIGN AND LIGHT FIXTURE

811
 Know what's below. Call before you dig.

PROJECT DATUM INFORMATION:
 HORIZONTAL DATUM: NAD 83
 VERTICAL DATUM: NAVD 83

SCALE: 1" = 30'



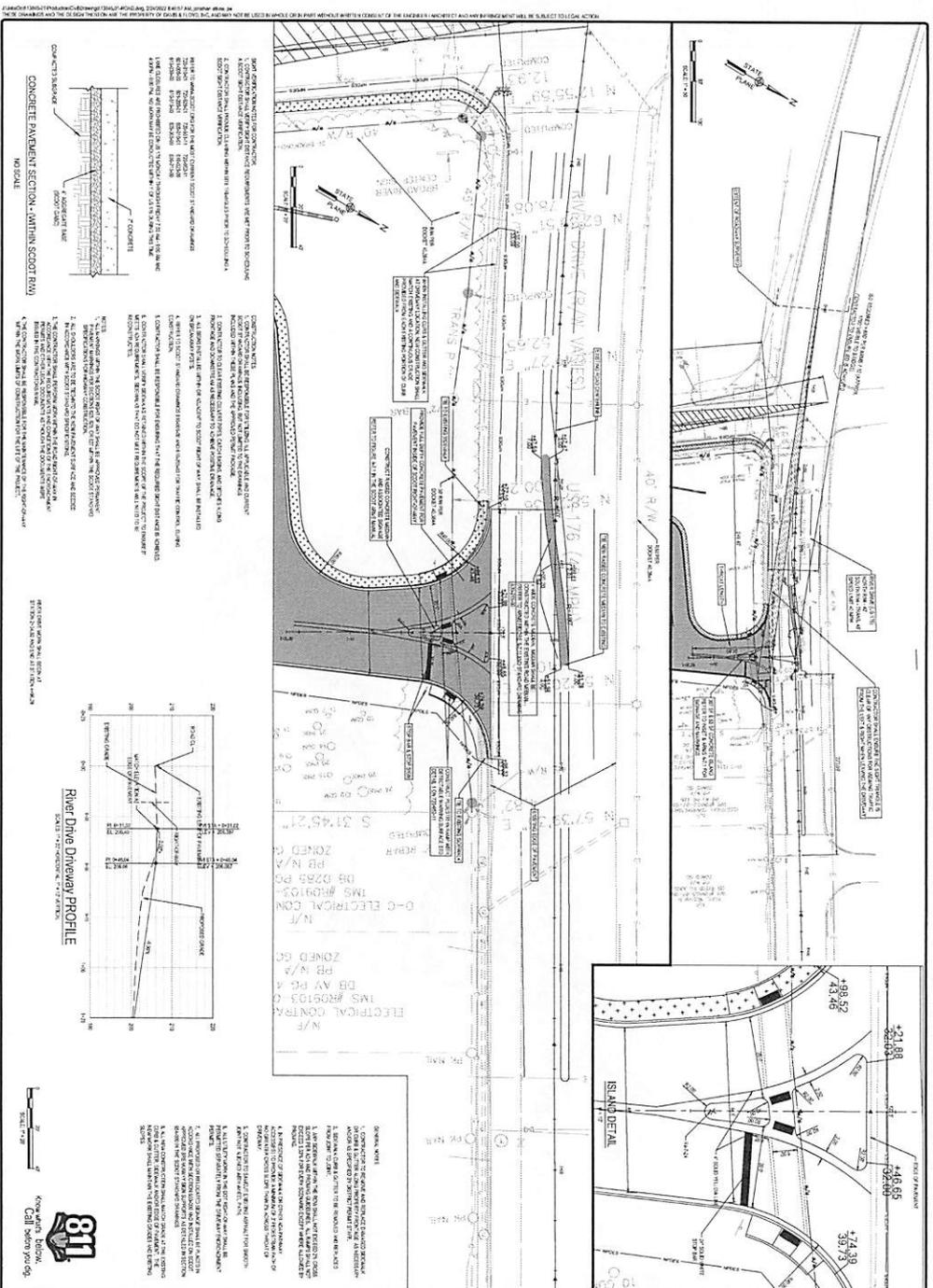
DAVIS & FLOYD
 1100 N. W. 10th St.
 Westfield, IN 46084
 Phone: (317) 434-1100
 Fax: (317) 434-1101

CENTRAL INDIANA REGIONAL
 TRANSPORTATION AUTHORITY
 1100 N. W. 10th St.
 Westfield, IN 46084
 LUCIUS ROAD SUPERSTOP

SITE PLAN

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	10/15/2023
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C200



NO.	DESCRIPTION	DATE	BY	CHKD BY
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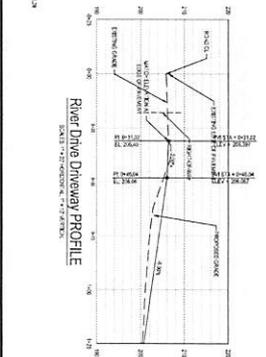
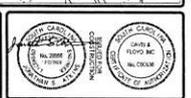
DRIVEWAY PLAN - RIVER DRIVE

CENTRAL MIDLANDS REGIONAL TRANSIT AUTHORITY
 1000 W. WALKER BLVD. SUITE 200
 WALKER, MO 64086
 PHONE: 816.339.2200
 FAX: 816.339.2201
 WWW.CMRTA.COM

LUCIUS ROAD SUPERSTOP

DAVIS & FLOYD
 SINCE 1984

www.davisfloyd.com
 100 W. WALKER BLVD. SUITE 200
 WALKER, MO 64086
 PHONE: 816.339.2200



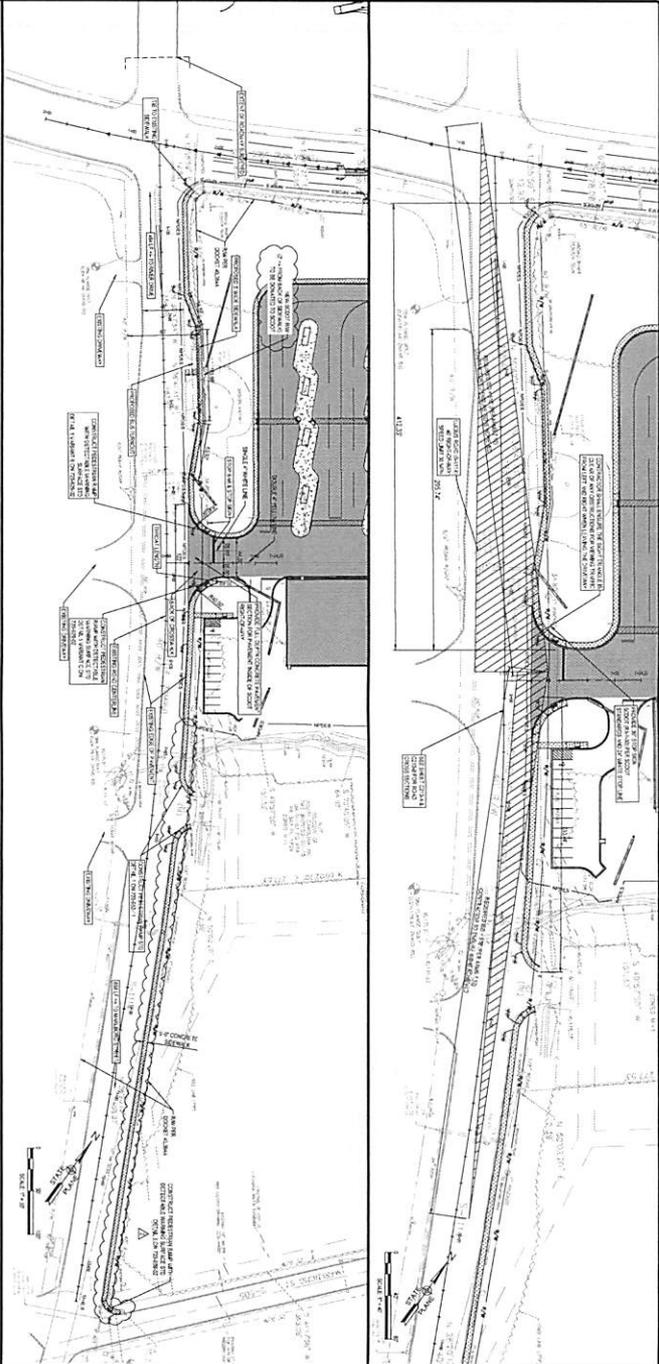
CONCRETE PAVEMENT SECTION - WITHIN SCOOT HWY
 NO SCALE

1. THE CONCRETE SHALL BE PLACED IN ONE LIFT TO A MINIMUM THICKNESS OF 4 INCHES.
 2. THE CONCRETE SHALL BE PLACED IN ONE LIFT TO A MINIMUM THICKNESS OF 4 INCHES.
 3. THE CONCRETE SHALL BE PLACED IN ONE LIFT TO A MINIMUM THICKNESS OF 4 INCHES.
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 10. THE CONCRETE SHALL BE PLACED IN ONE LIFT TO A MINIMUM THICKNESS OF 4 INCHES.

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CONCRETE PAVEMENT SECTION - WITHIN SCOTT R/W
 NO SCALE

1. CONCRETE PAVEMENT SHALL BE 12" THICK WITH A MINIMUM OF 10% FINE AGGREGATE AND 90% COARSE AGGREGATE. THE MIXTURE SHALL BE DESIGNED TO MEET THE REQUIREMENTS OF THE PORTLAND CEMENT CONCRETE MANUAL, SECTION 10.01. THE MIXTURE SHALL BE PROVED TO HAVE A COMPRESSIVE STRENGTH OF NOT LESS THAN 4000 PSI AT 28 DAYS.

2. THE PAVEMENT SHALL BE PLACED AND FINISHED TO THE PROPOSED FINISH ELEVATION. THE FINISH SHALL BE TO THE CENTERLINE OF THE DRIVEWAY.

3. THE PAVEMENT SHALL BE PLACED AND FINISHED TO THE PROPOSED FINISH ELEVATION. THE FINISH SHALL BE TO THE CENTERLINE OF THE DRIVEWAY.

4. THE PAVEMENT SHALL BE PLACED AND FINISHED TO THE PROPOSED FINISH ELEVATION. THE FINISH SHALL BE TO THE CENTERLINE OF THE DRIVEWAY.

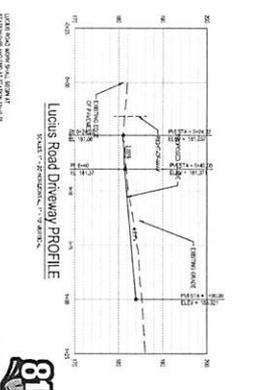
CONCRETE PAVEMENT SECTION - WITHIN SCOTT R/W
 NO SCALE

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4. THE PAVEMENT SHALL BE PLACED AND FINISHED TO THE PROPOSED FINISH ELEVATION. THE FINISH SHALL BE TO THE CENTERLINE OF THE DRIVEWAY.



811
 KNOW WHAT'S BELOW
 CALL BEFORE YOU DIG

1. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, PART 200, AND THE STANDARD SPECIFICATIONS FOR PORTLAND CEMENT CONCRETE, PART 300, AS APPLICABLE.

2. THE PAVEMENT SHALL BE PLACED AND FINISHED TO THE PROPOSED FINISH ELEVATION. THE FINISH SHALL BE TO THE CENTERLINE OF THE DRIVEWAY.

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4. THE PAVEMENT SHALL BE PLACED AND FINISHED TO THE PROPOSED FINISH ELEVATION. THE FINISH SHALL BE TO THE CENTERLINE OF THE DRIVEWAY.

NO.	DATE	DESCRIPTION
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DRIVEWAY PLAN - LUCIUS ROAD

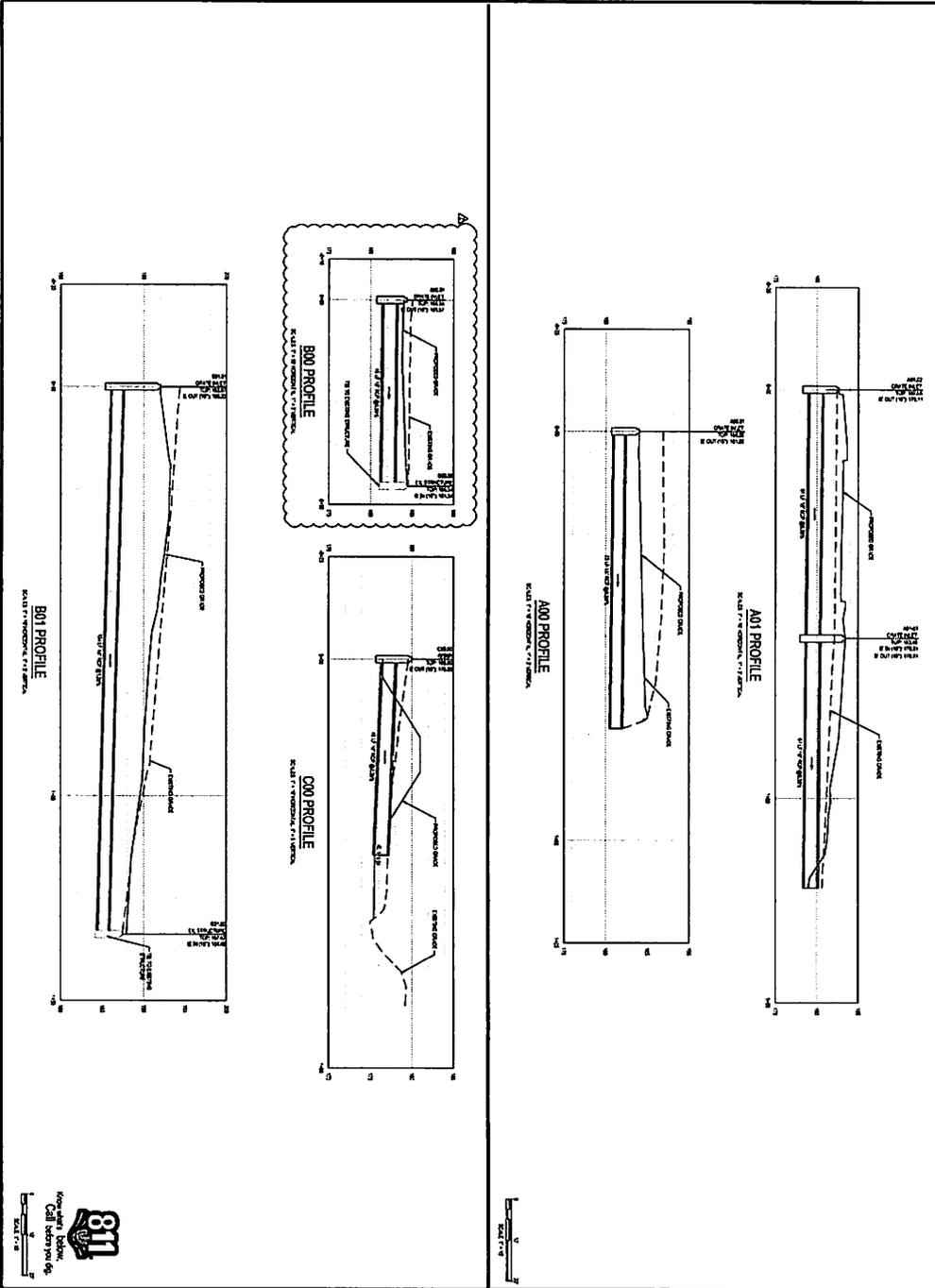
CENTRAL MIDLANDS REGIONAL
 TRANSIT AUTHORITY
 1201 N.W. 10TH AVENUE, SUITE 200
 MIAMI, FLORIDA 33136

LUCIUS ROAD SUPERSTOP

DAVIS & FLOYD
 SINCE 1934

WWW.DAVISANDFLOYD.COM
 100 W. WASHINGTON WAY, SUITE 200
 GREENWICH, GA 30341
 (404) 437-4800

PROFILES ARE TO BE CONSIDERED AS APPROXIMATE ONLY. THE PROFILES TO BE USED FOR CONSTRUCTION OF THE STRUCTURE SHOULD BE BASED ON THE PROFILES AS SHOWN ON THE DRAWING. THE PROFILES TO BE USED FOR CONSTRUCTION OF THE STRUCTURE SHOULD BE BASED ON THE PROFILES AS SHOWN ON THE DRAWING.

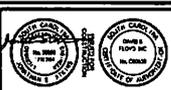


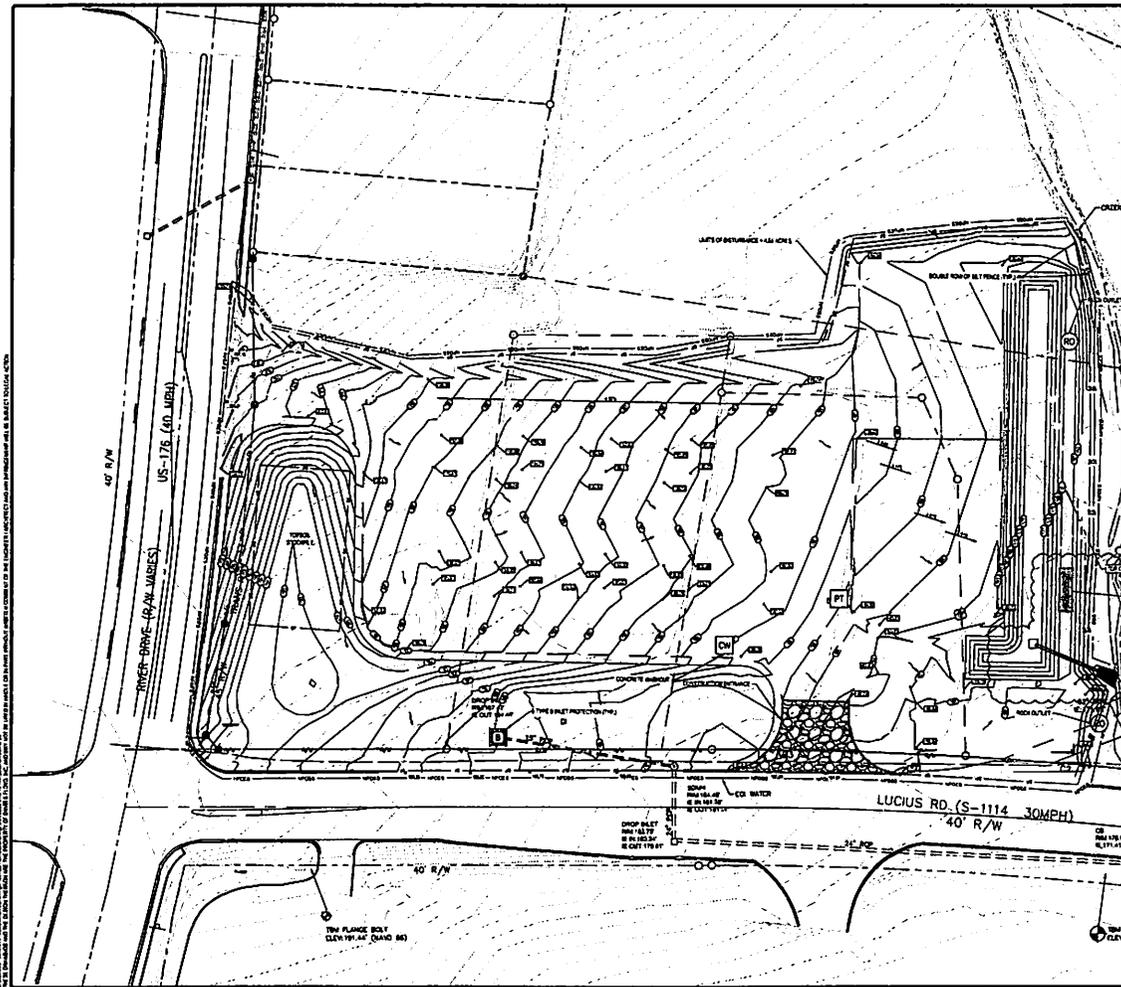
NO.	DESCRIPTION	DATE	BY	CHECKED
1	DESIGNED			
2	CHECKED			
3	APPROVED			
4	ISSUED			
5	REVISED			

STORM DRAIN PROFILES

CENTRAL ISLANDS REGIONAL
TRANSIT AUTHORITY
LUCIUS ROAD SUPERSTOP

DAVIS & FLOYD
ENGINEERS
1000 W. WASHINGTON ST.
ANN ARBOR, MI 48106
PH: 734.769.1200





NOTES:

1. ELEVATIONS ARE IN FEET UNLESS OTHERWISE NOTED.
2. HORIZONTAL CONTROL IS THE SOUTH-CAROLINA PLUMB LINE AND VERTICAL CONTROL IS THE BIRMINGHAM BENCHMARK.
3. LIMITS OF DISTURBANCE ARE SHOWN BY DASHED LINES.
4. SEE SHEET 100 FOR SHIPPIE LOT 10.

SEQUENCE OF CONSTRUCTION (EROSION CONTROL)

1. THE CONSTRUCTION METHOD SHALL BE HELD CHAINED UNLESS OTHERWISE NOTED BY THE OWNER ENGINEER OR BY COLLEGE CONSTRUCTION AND INSPECTION.
2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF COLUMBIA AND REGULATIONS TO THE CITY OF COLUMBIA. SEE PREVIOUS SHEETS FOR MORE INFORMATION.
3. THE CONSTRUCTION SHALL BE HELD CHAINED UNLESS OTHERWISE NOTED BY THE OWNER ENGINEER OR BY COLLEGE CONSTRUCTION AND INSPECTION.
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16. THE CONSTRUCTION SHALL BE HELD CHAINED UNLESS OTHERWISE NOTED BY THE OWNER ENGINEER OR BY COLLEGE CONSTRUCTION AND INSPECTION.

GENERAL LEGEND

LIMIT OF DISTURBANCE	---	PROPERTY	---
LIMIT OF PROTECTION	---	EROSION CONTROL BLANKET	---
BLANKET	---	PORTABLE TOILET	---

EROSION CONTROL LEGEND

CONCRETE	OW	PORTABLE TOILET	F
EROSION CONTROL BLANKET	EC	PORTABLE TOILET	PT
EROSION CONTROL BLANKET	EC	PORTABLE TOILET	PT
EROSION CONTROL BLANKET	EC	PORTABLE TOILET	PT

PROJECT DATA INFORMATION

PROJECT NO. 100
 SHEET NO. 100
 DATE: 10/1/10

811
 Know what's below.
 Call before you dig.

PROJECT DATA INFORMATION

PROJECT NO. 100
 SHEET NO. 100
 DATE: 10/1/10

DAVIS & FLOYD
 ENGINEERS
 1100 N. UNIVERSITY AVENUE
 COLUMBIA, SC 29208
 (803) 733-1100

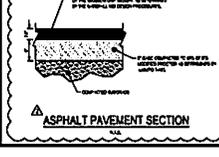
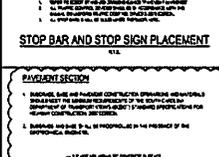
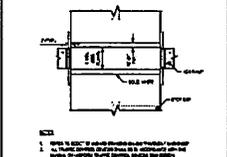
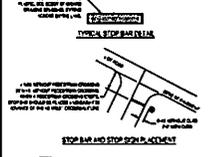
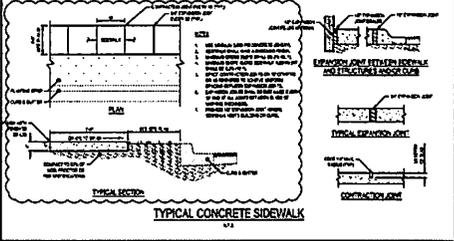
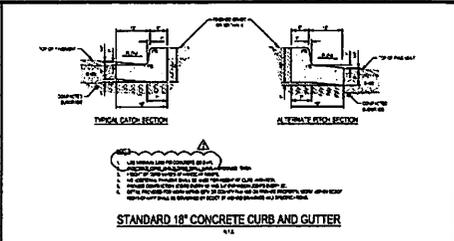
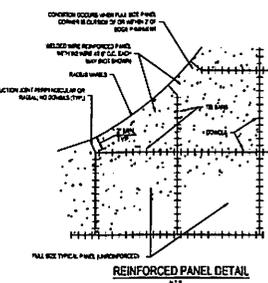
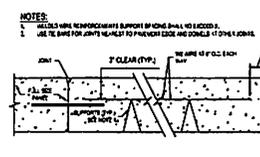
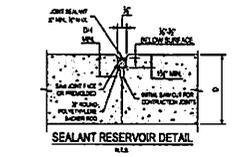
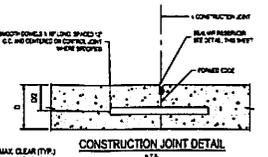
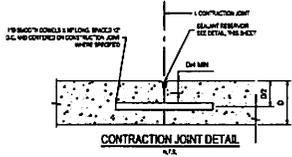
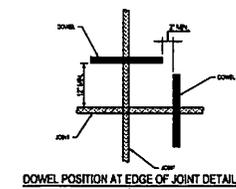
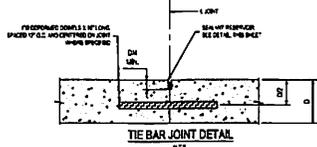
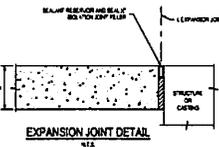
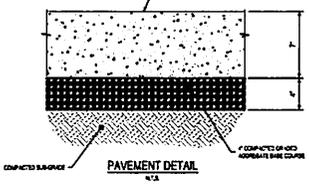
CENTRAL MISSISSIPPI REGIONAL UNIVERSITY
 LUCIUS ROAD SUPERSTOP

SHIPPI PLAN - INITIAL

CS10

RECOMMENDED THICKNESS FOR ROAD PAVEMENT			
TRAFFIC RATING	COMPACTED SUBGRADE	AGGREGATE BASE (SICOT GABC)	PORTLAND CEMENT CONCRETE (MIN. 28-day f'_{c} = 3,000 psi) (8" MIN. TH)
AJTT-13 BUSES	14"	4"	7"

- NOTES**
- PREPARATION OF SUBGRADE, BASE COURSE AND SURFACE COURSE SHALL BE TESTED BY A LICENSED GEOTECHNICAL ENGINEER TO ENSURE PROPER COMPACTION.
 - THE CURB SHOULD BE COMPACTED TO AT LEAST 100% OF 28 MOURED PROCTOR MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D1557.
 - ALL SUBGRADE, BASE AND PAVEMENT CONSTRUCTION OPERATIONS AND MATERIALS SHALL MEET THE MINIMUM REQUIREMENTS OF THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION (SDOT) STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, 2007 EDITION.
 - THE ROAD CONCRETE PAVEMENT SHALL CONFORM TO THE SDOT STANDARD SPECIFICATION SECTION 100 FOR PORTLAND CEMENT AND PORTLAND CEMENT CONCRETE AND SECTION 103 FOR CONCRETE STRUCTURES.
 - ALL ASPECTS OF CONCRETE PLACEMENT, REINFORCEMENT, JOINTS, SEALANTS, ETC. SHOULD CONFORM TO AMERICAN CONCRETE INSTITUTE (ACI) CODES (ACI 308, ACI 309, ACI 310, ACI 308.1R, ACI 308.2R, ACI 308.3R, ACI 308.4R, ACI 308.5R, ACI 308.6R, ACI 308.7R, ACI 308.8R, ACI 308.9R, ACI 308.10R, ACI 308.11R, ACI 308.12R, ACI 308.13R, ACI 308.14R, ACI 308.15R, ACI 308.16R, ACI 308.17R, ACI 308.18R, ACI 308.19R, ACI 308.20R, ACI 308.21R, ACI 308.22R, ACI 308.23R, ACI 308.24R, ACI 308.25R, ACI 308.26R, ACI 308.27R, ACI 308.28R, ACI 308.29R, ACI 308.30R, ACI 308.31R, ACI 308.32R, ACI 308.33R, ACI 308.34R, ACI 308.35R, ACI 308.36R, ACI 308.37R, ACI 308.38R, ACI 308.39R, ACI 308.40R, ACI 308.41R, ACI 308.42R, ACI 308.43R, ACI 308.44R, ACI 308.45R, ACI 308.46R, ACI 308.47R, ACI 308.48R, ACI 308.49R, ACI 308.50R, ACI 308.51R, ACI 308.52R, ACI 308.53R, ACI 308.54R, ACI 308.55R, ACI 308.56R, ACI 308.57R, ACI 308.58R, ACI 308.59R, ACI 308.60R, ACI 308.61R, ACI 308.62R, ACI 308.63R, ACI 308.64R, ACI 308.65R, ACI 308.66R, ACI 308.67R, ACI 308.68R, ACI 308.69R, ACI 308.70R, ACI 308.71R, ACI 308.72R, ACI 308.73R, ACI 308.74R, ACI 308.75R, ACI 308.76R, ACI 308.77R, ACI 308.78R, ACI 308.79R, ACI 308.80R, ACI 308.81R, ACI 308.82R, ACI 308.83R, ACI 308.84R, ACI 308.85R, ACI 308.86R, ACI 308.87R, ACI 308.88R, ACI 308.89R, ACI 308.90R, ACI 308.91R, ACI 308.92R, ACI 308.93R, ACI 308.94R, ACI 308.95R, ACI 308.96R, ACI 308.97R, ACI 308.98R, ACI 308.99R, ACI 308.100R).
 - DOWELS SHALL BE WITHIN 1/4" OF LEVEL, SMOOTH DOWELS SHALL BE GREASED FOR ALL PORTIONS NOT SET IN EPoxy.
 - EPoxy SHALL BE WITHIN 1/2" MAX OR APPROVED EQUAL.
 - PAVEMENT JOINTS SHALL BE SPACED AT 15' ON CENTER IN BOTH DIRECTIONS UNLESS NOTED OTHERWISE.

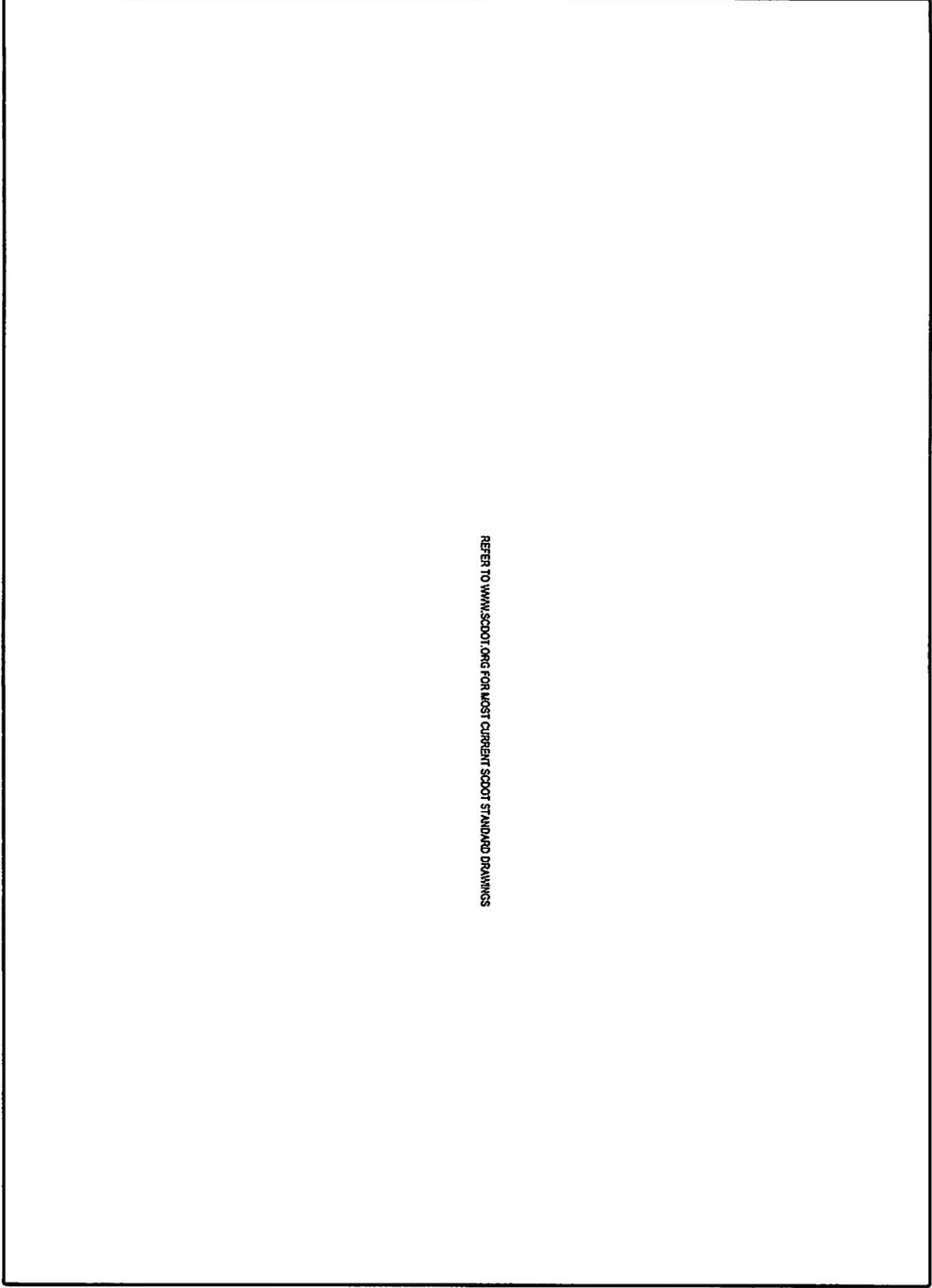


DAVIS & FLOYD
13111 1134
1000 W. BROADWAY, SUITE 200
COLUMBIA, SC 29201
TEL: 803.733.1134
FAX: 803.733.1135

CENTRAL ILLINOIS REGIONAL
TRANSPORTATION AUTHORITY
LUCAS ROAD SUPERSTOP

SITE DETAILS

NO.	DATE	DESCRIPTION
1	11/14/11	ISSUED FOR PERMIT
2	11/14/11	ISSUED FOR PERMIT
3	11/14/11	ISSUED FOR PERMIT
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99	11/14/11	ISSUED FOR PERMIT
100	11/14/11	ISSUED FOR PERMIT



REFER TO WWW.SCOOT.ORG FOR MOST CURRENT SCOOT STANDARD DRAWINGS

NO.	REV.	DATE	DESCRIPTION
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2	1		REVISED TO SHOW PERMIT COMMENTS
3	2		REVISED TO SHOW PERMIT COMMENTS
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8	7		REVISED TO SHOW PERMIT COMMENTS
9	8		REVISED TO SHOW PERMIT COMMENTS
10	9		REVISED TO SHOW PERMIT COMMENTS

SITE DETAILS

CENTRAL MIDLANDS REGIONAL
TRANSIT AUTHORITY
1000 W. UNIVERSITY BLVD
ANN ARBOR, MI 48106-1500
TEL: 734.769.3000 FAX: 734.769.3001

DAVIS & FLOYD
ENGINEERS
1000 W. UNIVERSITY BLVD
ANN ARBOR, MI 48106-1500
TEL: 734.769.3000 FAX: 734.769.3001



Approved for Release by NSA on 05-08-2014 pursuant to E.O. 13526
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REFER TO WWW.SCOT.ORG FOR MOST CURRENT SCOOT STANDARD DRAWINGS

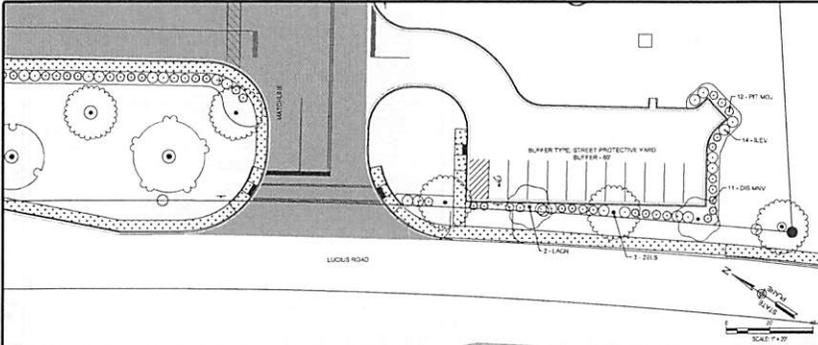
NO.	DESCRIPTION	DATE	BY
1	SCOOT		
2			
3			
4			
5			
6			
7			
8			
9			
10			

SCOOT DETAILS

CENTRAL ISLANDS REGIONAL
 TRANSIT AUTHORITY
 1000 W. WASHINGTON ST.
 SUITE 200
 ANNE ARBOR, MI 48106-1500
 TEL: 734.769.7000
 WWW.CITRA.ORG

DAVIS & FLOYD
 SIZE 1114
 WWW.DAVISANDFLOYD.COM
 141 WILSON RD., SUITE 200
 GREENVILLE, SC 29615
 864.677.8888





DENSITY FACTOR UNITS - LUCIUS ROAD				
SURVEY #	SPECIES	DIAMETER	GRADE	DENSITY FACTOR UNITS
10007	Oak	24"	0'	18.0
10126	Pine	30"	0'	18.0
11	DOGWOOD	30"	0'	21.3

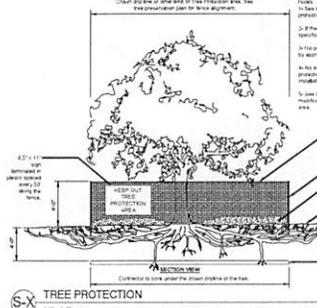
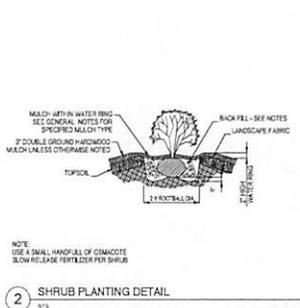
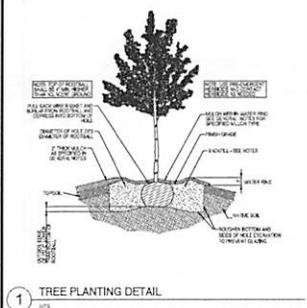
CITY	SPECIES	DIAMETER	BUFFER TREE	TOTAL A/U
5	CRAPPE MYRTLE	2"	1.5	7.5
5	AMERICAN HOLOGRAPH	2"	1.5	7.5
11	NANANUM BALSAMIFERA	2"	1.5	16.5

DENSITY FACTOR UNIT (DFU)				
DFU AVERAGE	4.0	REQUIRED DFU & R/F	150.7	
DFU AVERAGE	30	DFU FROM EXISTING TREES (SEE SHEET 100)	327.7	
REQUIRED DFU	150.7	DFU FROM PROPOSED TREES	22.0	
REQUIRED DFU	150.7	DFU AVERAGE	175.5	

LANDSCAPE BUFFER 'A' REQUIREMENTS - BUFFER 1				
PLANTS PER 50 SF	TYPE	PROVIDED	REQUIRED	
TOTAL LENGTH 100 LF	TREE	0	3	
EXISTING TREE	0			

LANDSCAPE BUFFER 'A' REQUIREMENTS - BUFFER 2				
PLANTS PER 50 SF	TYPE	PROVIDED	REQUIRED	
TOTAL LENGTH 100 LF	TREE	0	3	
EXISTING TREE	0			

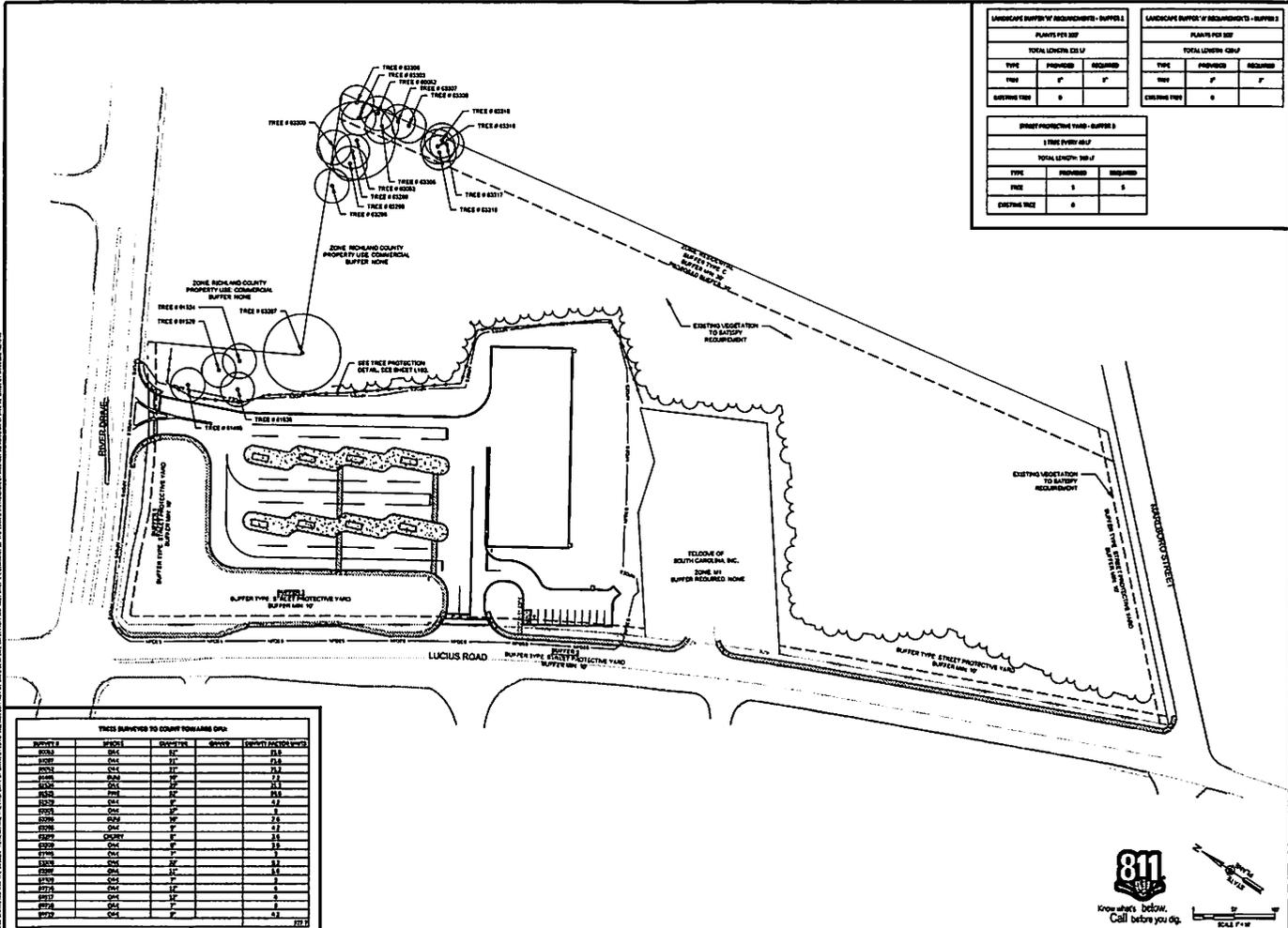
STREET PROTECTIVE YARD - BUFFER 3				
TREE EVERY 40 LF	TYPE	PROVIDED	REQUIRED	
TOTAL LENGTH 100 LF	TREE	0	3	
EXISTING TREE	0			



TREES SURVEYED TO COUNT TOWARDS DFU				
SURVEY #	SPECIES	DIAMETER	GRADE	DENSITY FACTOR UNITS
10007	Oak	24"	0'	18.0
10126	Pine	30"	0'	18.0
11	DOGWOOD	30"	0'	21.3
10008	Oak	24"	0'	18.0
10009	Oak	24"	0'	18.0
10010	Oak	24"	0'	18.0
10011	Oak	24"	0'	18.0
10012	Oak	24"	0'	18.0
10013	Oak	24"	0'	18.0
10014	Oak	24"	0'	18.0
10015	Oak	24"	0'	18.0
10016	Oak	24"	0'	18.0
10017	Oak	24"	0'	18.0
10018	Oak	24"	0'	18.0
10019	Oak	24"	0'	18.0
10020	Oak	24"	0'	18.0
10021	Oak	24"	0'	18.0
10022	Oak	24"	0'	18.0
10023	Oak	24"	0'	18.0
10024	Oak	24"	0'	18.0
10025	Oak	24"	0'	18.0
10026	Oak	24"	0'	18.0
10027	Oak	24"	0'	18.0
10028	Oak	24"	0'	18.0
10029	Oak	24"	0'	18.0
10030	Oak	24"	0'	18.0
10031	Oak	24"	0'	18.0
10032	Oak	24"	0'	18.0
10033	Oak	24"	0'	18.0
10034	Oak	24"	0'	18.0
10035	Oak	24"	0'	18.0
10036	Oak	24"	0'	18.0
10037	Oak	24"	0'	18.0
10038	Oak	24"	0'	18.0
10039	Oak	24"	0'	18.0
10040	Oak	24"	0'	18.0
10041	Oak	24"	0'	18.0
10042	Oak	24"	0'	18.0
10043	Oak	24"	0'	18.0
10044	Oak	24"	0'	18.0
10045	Oak	24"	0'	18.0
10046	Oak	24"	0'	18.0
10047	Oak	24"	0'	18.0
10048	Oak	24"	0'	18.0
10049	Oak	24"	0'	18.0
10050	Oak	24"	0'	18.0
10051	Oak	24"	0'	18.0
10052	Oak	24"	0'	18.0
10053	Oak	24"	0'	18.0
10054	Oak	24"	0'	18.0
10055	Oak	24"	0'	18.0
10056	Oak	24"	0'	18.0
10057	Oak	24"	0'	18.0
10058	Oak	24"	0'	18.0
10059	Oak	24"	0'	18.0
10060	Oak	24"	0'	18.0
10061	Oak	24"	0'	18.0
10062	Oak	24"	0'	18.0
10063	Oak	24"	0'	18.0
10064	Oak	24"	0'	18.0
10065	Oak	24"	0'	18.0
10066	Oak	24"	0'	18.0
10067	Oak	24"	0'	18.0
10068	Oak	24"	0'	18.0
10069	Oak	24"	0'	18.0
10070	Oak	24"	0'	18.0
10071	Oak	24"	0'	18.0
10072	Oak	24"	0'	18.0
10073	Oak	24"	0'	18.0
10074	Oak	24"	0'	18.0
10075	Oak	24"	0'	18.0
10076	Oak	24"	0'	18.0
10077	Oak	24"	0'	18.0
10078	Oak	24"	0'	18.0
10079	Oak	24"	0'	18.0
10080	Oak	24"	0'	18.0
10081	Oak	24"	0'	18.0
10082	Oak	24"	0'	18.0
10083	Oak	24"	0'	18.0
10084	Oak	24"	0'	18.0
10085	Oak	24"	0'	18.0
10086	Oak	24"	0'	18.0
10087	Oak	24"	0'	18.0
10088	Oak	24"	0'	18.0
10089	Oak	24"	0'	18.0
10090	Oak	24"	0'	18.0
10091	Oak	24"	0'	18.0
10092	Oak	24"	0'	18.0
10093	Oak	24"	0'	18.0
10094	Oak	24"	0'	18.0
10095	Oak	24"	0'	18.0
10096	Oak	24"	0'	18.0
10097	Oak	24"	0'	18.0
10098	Oak	24"	0'	18.0
10099	Oak	24"	0'	18.0
10100	Oak	24"	0'	18.0

- GENERAL NOTES:**
- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROPRIATE MANNER ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BOTH HORIZONTALLY & VERTICALLY OF ALL EXISTING & PROPOSED UTILITIES BEFORE COMMENCING WORK, AND HE SHALL AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES AND INJURIES OCCURRED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO UTILITIES THAT ARE DISTURBED AS A RESULT OF THE WORK.
 - ALL AREAS THAT ARE DISTURBED BY CONSTRUCTION INSIDE OR OUTSIDE OF THE LIMIT OF WORK SHALL BE REPAIRED WITH LANDSCAPE MATERIAL SHALL BE HYDROSEED FOR THE PERMANENT GRASSING SCHEDULE ON SWAP SHEET WITHIN CMAA DRAWINGS.
 - ALL TREES AND SHRUBS SHALL RECEIVE PRESTRAW MULCH AT A MINIMUM DEPTH OF 3".
 - PROTECT EXISTING CURBS, WALKERS, DRIVEWAYS AND OTHER AREAS. THE CONTRACTOR SHALL KEEP THEM RE-COUPLED.
 - ALL TREES, SHRUBS AND GROUNDCOVER MATERIALS SHALL BE PLANTED WITHIN 24 HOURS OF DELIVERY.
 - ALL PLANTS LOCATED IN DIRECT SUN SHALL BE NURSERY SUN GROWN.
 - ALL PLANT MATERIAL SHALL BE STORED IN A SHADY AREA.
 - ALL TREES TO BE PLANTED FOLLOWING ACCEPTED HORTICULTURAL PRACTICES. PLANTING HOLES TO BE BACKFILLED WITH TOPSOIL. DO NOT APPLY FERTILIZER AT PLANTING.
 - ALL SHRUBS, DRAGS AND GROUNDCOVERS TO BE SURFACE FERTILIZED WITH OSMOCOTE SLOW-RELEASE FERTILIZER ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
 - CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NECESSARY LICENSES AND INSURANCE TO COMPLETE WORK.
 - FINAL CLEANUP OF SITE IS A RESULT OF LANDSCAPE OPERATIONS AND ALL FINISH GRASSING SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR.
 - CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE.
 - ALL PLANT MATERIAL, IRRIGATION, AND MAINTENANCE TO BE GUARANTEED FOR ONE YEAR FROM THE DATE OF ACCEPTANCE BY THE OWNER OR OWNER'S REPRESENTATIVE.
 - CONTRACTOR TO MAINTAIN ALL PLANT BEDS AND PLANT BED LIMITS. FINAL ACCEPTANCE OF LANDSCAPE MAINTENANCE PERIOD OF ONE YEAR FOR PLANT MATERIALS. SHRUBS AND GROUNDCOVERS SHALL BE PLANTED WITHIN 24 HOURS OF DELIVERY.
 - CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION.
 - STAMP ONLY REQUIRED IF DEEMED NECESSARY BY THE LANDSCAPE CONTRACTOR.
 - THERE SHALL BE NO SUBSTITUTIONS, DELETIONS OR ADDITIONS WITHOUT WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT.
 - ALL CONSTRUCTION SHALL CONFORM TO CITY, COUNTY, STATE, AND FEDERAL REQUIREMENTS.
 - ALL PRESERVED TREES TO RECEIVE TREE PROTECTION BARRICADES AS ESTABLISHED IN CMAA PLANS.

PLANT SCHEDULE						
TREES	CODE	QTY	BOTANICAL / COMMON NAME	COUNT	SIZE	SPACING
1	1	1	Acacia saligna / Golden Sycamore	1	12" x 12"	40' Spacing
2	2	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
3	3	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
4	4	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
5	5	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
6	6	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
7	7	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
8	8	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
9	9	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
10	10	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
11	11	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
12	12	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
13	13	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
14	14	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
15	15	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
16	16	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
17	17	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
18	18	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
19	19	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
20	20	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
21	21	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
22	22	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
23	23	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
24	24	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
25	25	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
26	26	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
27	27	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
28	28	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
29	29	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
30	30	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
31	31	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
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36	36	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
37	37	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
38	38	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
39	39	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
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43	43	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
44	44	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
45	45	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
46	46	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
47	47	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
48	48	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
49	49	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
50	50	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
51	51	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
52	52	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
53	53	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
54	54	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
55	55	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
56	56	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
57	57	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
58	58	1	Albizia julibrissin / Silk Tree	1	12" x 12"	40' Spacing
59	59	1				



LANDSCAPE BUFFER 'V' REQUIREMENTS - BUFFER 1			
PLANTS PER 100'			
TOTAL LENGTH 125.1'			
TYPE	PROVIDED	REQUIRED	
TREE	0	0	
SHRUB	0	0	

LANDSCAPE BUFFER 'V' REQUIREMENTS - BUFFER 2			
PLANTS PER 100'			
TOTAL LENGTH 100.0'			
TYPE	PROVIDED	REQUIRED	
TREE	0	0	
SHRUB	0	0	

DRIVE PROTECTIVE YARD - BUFFER 3			
1 TREE EVERY 50'			
TOTAL LENGTH 100.0'			
TYPE	PROVIDED	REQUIRED	
TREE	0	0	
SHRUB	0	0	

TREES SURVIVED TO COUNT FROM LAND SURV.

BUCKET #	SPECIES	DBH (IN)	HEIGHT (FEET)	HEIGHT (FEET) (1/4")
001	SLA	12"	15'	15.0
002	SLA	12"	15'	15.0
003	SLA	12"	15'	15.0
004	SLA	12"	15'	15.0
005	SLA	12"	15'	15.0
006	SLA	12"	15'	15.0
007	SLA	12"	15'	15.0
008	SLA	12"	15'	15.0
009	SLA	12"	15'	15.0
010	SLA	12"	15'	15.0
011	SLA	12"	15'	15.0
012	SLA	12"	15'	15.0
013	SLA	12"	15'	15.0
014	SLA	12"	15'	15.0
015	SLA	12"	15'	15.0
016	SLA	12"	15'	15.0
017	SLA	12"	15'	15.0
018	SLA	12"	15'	15.0
019	SLA	12"	15'	15.0
020	SLA	12"	15'	15.0
021	SLA	12"	15'	15.0
022	SLA	12"	15'	15.0
023	SLA	12"	15'	15.0
024	SLA	12"	15'	15.0
025	SLA	12"	15'	15.0
026	SLA	12"	15'	15.0
027	SLA	12"	15'	15.0
028	SLA	12"	15'	15.0
029	SLA	12"	15'	15.0
030	SLA	12"	15'	15.0
031	SLA	12"	15'	15.0
032	SLA	12"	15'	15.0
033	SLA	12"	15'	15.0
034	SLA	12"	15'	15.0
035	SLA	12"	15'	15.0
036	SLA	12"	15'	15.0
037	SLA	12"	15'	15.0
038	SLA	12"	15'	15.0
039	SLA	12"	15'	15.0
040	SLA	12"	15'	15.0
041	SLA	12"	15'	15.0
042	SLA	12"	15'	15.0
043	SLA	12"	15'	15.0
044	SLA	12"	15'	15.0
045	SLA	12"	15'	15.0
046	SLA	12"	15'	15.0
047	SLA	12"	15'	15.0
048	SLA	12"	15'	15.0
049	SLA	12"	15'	15.0
050	SLA	12"	15'	15.0
051	SLA	12"	15'	15.0
052	SLA	12"	15'	15.0
053	SLA	12"	15'	15.0
054	SLA	12"	15'	15.0
055	SLA	12"	15'	15.0
056	SLA	12"	15'	15.0
057	SLA	12"	15'	15.0
058	SLA	12"	15'	15.0
059	SLA	12"	15'	15.0
060	SLA	12"	15'	15.0
061	SLA	12"	15'	15.0
062	SLA	12"	15'	15.0
063	SLA	12"	15'	15.0
064	SLA	12"	15'	15.0
065	SLA	12"	15'	15.0
066	SLA	12"	15'	15.0
067	SLA	12"	15'	15.0
068	SLA	12"	15'	15.0
069	SLA	12"	15'	15.0
070	SLA	12"	15'	15.0
071	SLA	12"	15'	15.0
072	SLA	12"	15'	15.0
073	SLA	12"	15'	15.0
074	SLA	12"	15'	15.0
075	SLA	12"	15'	15.0
076	SLA	12"	15'	15.0
077	SLA	12"	15'	15.0
078	SLA	12"	15'	15.0
079	SLA	12"	15'	15.0
080	SLA	12"	15'	15.0
081	SLA	12"	15'	15.0
082	SLA	12"	15'	15.0
083	SLA	12"	15'	15.0
084	SLA	12"	15'	15.0
085	SLA	12"	15'	15.0
086	SLA	12"	15'	15.0
087	SLA	12"	15'	15.0
088	SLA	12"	15'	15.0
089	SLA	12"	15'	15.0
090	SLA	12"	15'	15.0
091	SLA	12"	15'	15.0
092	SLA	12"	15'	15.0
093	SLA	12"	15'	15.0
094	SLA	12"	15'	15.0
095	SLA	12"	15'	15.0
096	SLA	12"	15'	15.0
097	SLA	12"	15'	15.0
098	SLA	12"	15'	15.0
099	SLA	12"	15'	15.0
100	SLA	12"	15'	15.0

James S. Davis
Professional Engineer
No. 364

James S. Davis
Professional Engineer
No. 364

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1188 E 1184
INDIANAPOLIS, IN 46202
TEL: 317.425.1184
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CENTRAL INDIANA REGIONAL
TRUCKING COMMUNITY
COLUMBUS, INDIANA
LUCIUS ROAD SUPERSTOP

BUFFER AND TREE DENSITY PLAN

DATE: 11/11/11
SCALE: 1" = 10'
SHEET NO. 1 OF 1
PROJECT NO. 1188 E 1184

811
Know what's below.
Call before you dig.

SCALE 1" = 10'

