

HABERSHAM COUNTY BOARD OF COMMISSIONERS

EXECUTIVE SUMMARY

SUBJECT: Right of Way Maintenance Agreement (Local Government Only) for GDOT PI #0013861, SR 105/SR 115 Roundabout

DATE: 11/21/22

(X) RECOMMENDATION

() POLICY DISCUSSION

() STATUS REPORT

() OTHER

BUDGET INFORMATION:

ANNUAL - \$0.00

CAPITAL - \$0.00

COMMISSION ACTION REQUESTED ON: 11/21/22

PURPOSE: The purpose of this agenda item is to approve and execute a Right of Way Maintenance Agreement between Habersham County and the Georgia Department of Transportation (GDOT) for the SR 105/SR 115 Roundabout.

BACKGROUND / HISTORY: GDOT is currently designing and developing the construction plans to replace the all-way stop controlled intersection at SR 105 and SR 115 located on the west side of the County. This improvement is anticipated to reduce crash frequency and severity at the intersection. At this time, the project let is scheduled for May 2023. As this project occurs within State right of way, there is no match in funding required by the local government. However, upon completion of the project, Habersham County will assume responsibility for maintaining the landscaped central island of the roundabout as outlined in the Right of Way Maintenance Agreement Work Plan. The Work Plan specifies that Habersham County will at a minimum: water, prune, weed, mow & trim, and remove litter in the central island of the roundabout. Before GDOT can complete the engineering phase of this project, the Right of Way Maintenance Agreement must be approved and executed by the County Commission.

FACTS AND ISSUES:

- The typical landscape plan (see attached) for the central island includes three small Winter King Hawthorn trees encircled by dwarf yaupon holly bushes with pine straw mulch and a fringe of Bermuda grass sod
 - The project construction cost which includes the landscaping is estimated to be \$3,545,000
 - The project will be State funded, and no local match is required
 - The Maintenance Agreement must be approved and signed before GDOT can complete the design and let the project
-
-

OPTIONS:

- 1) Approve the Maintenance Agreement
 - 2) Do not approve
 - 3) Commission defined alternative
-
-

RECOMMENDED SAMPLE MOTION:

Motion to approve and execute the Right of Way Maintenance Agreement for GDOT PI #0013861, SR 105/SR 115 Roundabout.

DEPARTMENT:

Prepared by: C. McGrew

Director: J. Baggett_____

**ADMINISTRATIVE
COMMENTS:**_____

_____ **DATE:** _____

County Manager

RIGHT OF WAY MAINTENANCE AGREEMENT (LOCAL GOVERNMENT ONLY)

By and Between

THE

GEORGIA DEPARTMENT OF TRANSPORTATION

AND

HABERSHAM COUNTY

**PROJECT ID # 0013861
PERMIT ID # 0013861
STATE ROUTE: 010500, MP 9.20 to MP 9.78**

THIS AGREEMENT made and entered into this _____ (“Effective Date”) by and between the **DEPARTMENT** of Transportation, an agency of the State of Georgia, hereinafter referred to as “**DEPARTMENT**”, and Habersham County hereinafter referred to as “**LOCAL GOVERNMENT**” (the **DEPARTMENT** and **LOCAL GOVERNMENT** are sometimes referred to herein individually as a “Party” and collectively as the “Parties”).

WHEREAS, the **DEPARTMENT** desires to enter into a partnership to perform certain services relating to maintenance within **DEPARTMENT’S** right of way, hereinafter called the “**PROJECT**”, and

WHEREAS, the **PROJECT** is associated with a permit approved and issued by the **DEPARTMENT**, permit identification number (PERMIT ID #), # 0013861, which is referenced above and in **Exhibit A, MAINTENANCE AGREEMENT (MA) WORK PLAN**, and is hereby incorporated into this Agreement as if fully restated herein; and

WHEREAS, the **LOCAL GOVERNMENT** has represented to the **DEPARTMENT** that it shall bear all costs and liability associated with the **PROJECT**; and

WHEREAS, the **LOCAL GOVERNMENT** has represented to the **DEPARTMENT** that it is qualified and experienced to provide such services and the **DEPARTMENT** has relied upon such representation.

NOW, THEREFORE, for and in consideration of the mutual promises and covenants as herein contained, it is agreed by and between the Parties hereto that:

ARTICLE I

SCOPE OF PROJECT

The **DEPARTMENT** authorizes the **LOCAL GOVERNMENT** to perform or cause to be performed, the **PROJECT** consisting of certain services related to maintaining an identified section(s) of the **DEPARTMENT'S** rights of way. This Agreement does not provide the **LOCAL GOVERNMENT**, by implication or otherwise, any right, title or interest in or to the **DEPARTMENT'S** right-of-way in general nor to the **PROJECT** area specifically, except the right to conduct the **PROJECT** work set forth in the **MAINTENANCE AGREEMENT (MA) WORK PLAN** (Exhibit A) in accordance with the terms and conditions of this Agreement.

The maintenance duties and responsibilities of the **LOCAL GOVERNMENT** are defined set forth in Exhibit A, **MA WORK PLAN**, which is attached hereto and incorporated by reference as if fully set out herein. The **DEPARTMENT** grants to the **LOCAL GOVERNMENT** the right to maintain that specific section(s) of **DEPARTMENT** right-of-way located in Habersham County, as more particularly described in Exhibit A.

The **LOCAL GOVERNMENT** shall abide by the Federal Manual of Uniform Traffic Control Devices (MUTCD) standards, current edition, for temporary traffic control and the standards for all **PROJECT** activities. Equipment or materials utilized for the **PROJECT** must be moved on or across a traveled right of way in a manner as not to unduly interfere with traffic.

Should the **LOCAL GOVERNMENT** desire that these maintenance services be performed by a third party, the **LOCAL GOVERNMENT** and the third party shall enter into an agreement, whereby the **LOCAL GOVERNMENT** shall assume all responsibility for repayment to the third party for those services rendered as set forth in Exhibit A. The Agreement between the **LOCAL GOVERNMENT** and any third parties to this Agreement, shall meet all operational and administrative requirements, including the provisions of liability insurance, as set forth by the **DEPARTMENT**. All liability associated with the **PROJECT** shall be borne by the **LOCAL GOVERNMENT** and any third parties, as set forth in Article VIII, herein.

In the event the **LOCAL GOVERNMENT** desires to perform any major maintenance activities, including significant landscaping, installation or significant repair of fencing/site furnishings/murals/signs/walls/lighting, or any other activities that may interfere with traffic or pedestrian flow within the right of way **PROJECT** limits, the **LOCAL GOVERNMENT** understands and agrees that it shall apply for and obtain a permit in accordance with the current edition of the **DEPARTMENT'S**

Driveway & Encroachment Control Manual prior to performance, and execute a separate agreement with the **DEPARTMENT** associated specifically with such permit.

ARTICLE II
EXECUTION OF AGREEMENT AND AUTHORIZATION
TIME OF PERFORMANCE

The **LOCAL GOVERNMENT** shall begin work on the **PROJECT** under this Agreement immediately after receiving a signed and executed copy of the Agreement, unless noted otherwise in Exhibit A or upon completion of the construction project associated with PERMIT ID # 0013861.

The duration of this Agreement shall be for fifty years from the Effective Date unless terminated sooner by the **DEPARTMENT** or **LOCAL GOVERNMENT**.

ARTICLE III
SUBSTANTIAL CHANGES

If, prior to the satisfactory completion of the services under this Agreement, any Party materially alters the scope, character or complexity of the services from those required under the Agreement, a Supplemental Agreement shall be executed between the Parties. It is understood, however, that **LOCAL GOVERNMENT** shall not engage in any activities or conduct any work which would be considered to be outside the **PROJECT** scope of the permission granted to **LOCAL GOVERNMENT** by the **DEPARTMENT**. Minor changes in the work which do not involve increased compensation, extensions of time, or changes in the goals and objectives of the work may be made by written notification of such change by any Party with written approval by the other Parties.

ARTICLE IV
ASSIGNMENT

It is understood by the **LOCAL GOVERNMENT** that the work is considered personal and, except as provided for in Article I, **LOCAL GOVERNMENT** agrees not to assign, sublet or transfer any or all of their interest in this Agreement without prior written approval of the **DEPARTMENT**.

ARTICLE V
CONTRACT DISPUTES

This Agreement shall be deemed to have been executed in Habersham County, Georgia, without reference to its choice of law doctrine, and all questions of interpretation and construction shall be governed by the laws of the State of Georgia. Any litigation arising out of this Agreement shall be

commenced within the State of Georgia. The foregoing provisions shall not be construed as waiving any immunity to suit or liability, including without limitation, sovereign immunity which may be available to the Department.

ARTICLE VI INSURANCE

1. It is understood that the **LOCAL GOVERNMENT** (indicate by checking which is applicable):

☐ is self-insured and all claims against **LOCAL GOVERNMENT** will be handled through [INSERT NAME OF GROUP/ENTITY THROUGH WHICH LG IS SELF-INSURED].

OR

☐ shall, prior to beginning work, obtain coverage from a private insurance company or cause its consultant/contractor to obtain coverage in the minimum insurance amounts indicated below in this ARTICLE VI.

2. Minimum Amounts. The following minimum amounts of insurance coverage from insurers rated at least A- by A.M. Best's and registered to do business in the State of Georgia:

- (a) Workmen's Compensation Insurance in accordance with the laws of the State of Georgia.
- (b) Commercial General Liability Insurance of at least \$1,000,000 per occurrence \$3,000,000 aggregate, including Automobile Comprehensive Liability Coverage with bodily injury in the minimum amount of \$1,000,000 combined single limits each occurrence. The **DEPARTMENT** shall be named as an additional insured and a copy of the policy endorsement shall be provided with the insurance certificate.
- (c) The above-listed insurance coverages shall be maintained in full force and effect for the entire term of the Agreement. Failure by the **LOCAL GOVERNMENT** to procure and maintain the insurance as set forth above shall be considered a default and cause for termination of this Agreement and, if applicable, forfeiture of the Performance and Payment Bonds.
- (d) Excess liability coverage. To achieve the appropriate coverage levels set forth in this Article, a combination of a specific policy written with an umbrella policy covering liabilities above stated limits is acceptable.

3. The **LOCAL GOVERNMENT** shall furnish upon request to the **DEPARTMENT**, certificates of insurance evidencing such coverage. The insurance certificate must provide the following:

- i. Name, address, signature and telephone number of authorized agents.

- ii. Name and address of insured.
- iii. Name of Insurance Company.
- iv. Description of coverage in standard terminology.
- v. Policy number, policy period and limits of liability.
- vi. Name and address of DEPARTMENT as certificate holder.
- vii. Thirty (30) day notice of cancellation.
- viii. Details of any special policy exclusions.

4. The **LOCAL GOVERNMENT** shall, at least fifteen (15) days prior to the expiration date or dates of expiring policies, deposit certified copies of renewal, or new policies, or other acceptable evidence of insurance with the **DEPARTMENT**.
5. Waiver of Subrogation. There is no waiver of subrogation rights by either Party with respect to insurance.

ARTICLE VII

COMPENSATION

It is agreed that the **LOCAL GOVERNMENT** shall conduct all work at no cost to the **DEPARTMENT**, and without compensation from the **DEPARTMENT**. It is further agreed that any and all issues relating to compensation and payment shall be resolved by and between the **LOCAL GOVERNMENT** and any successors, subcontractors, or assigns thereto.

The **DEPARTMENT** and the **LOCAL GOVERNMENT** further agree that, should the **DEPARTMENT** be required to conduct any inspections and/or supervision of the **PROJECT** beyond that which would normally occur in the ordinary course of the **DEPARTMENT'S** maintenance activities, the **LOCAL GOVERNMENT** shall reimburse the **DEPARTMENT** for such inspection and supervision. The rate of reimbursement for the **DEPARTMENT'S** inspection and supervision shall in no case exceed a rate determined to be reasonable by the Parties.

Should the **LOCAL GOVERNMENT** and the **DEPARTMENT** desire to change this agreement at a later date to provide for compensation to **LOCAL GOVERNMENT**, or any successors or assigns thereto, such change shall only be permitted by a supplemental agreement as set forth in Article III herein. Any supplemental agreements involving compensation shall be subject to the **DEPARTMENT** review and approval.

ARTICLE VIII

RESPONSIBILITY FOR CLAIMS AND LIABILITY

LOCAL GOVERNMENT NOT AGENT OF DEPARTMENT

To the extent allowed by law, the **LOCAL GOVERNMENT** and all successors and assigns thereto, shall save harmless the **DEPARTMENT**, its officers, agents, and employees from all suits, claims, actions

or damages of any nature whatsoever resulting from the performance of **PROJECT** work under this Agreement, or due to any breach of this Agreement by the **LOCAL GOVERNMENT**, except to the extent of harm caused by the **DEPARTMENT** or its agents. These indemnities shall not be limited by reason of the listing of any insurance coverage.

The **LOCAL GOVERNMENT** further agrees that it shall be fully responsible for injury or damage to landscaping, landscape related items, and any other non-standard and decorative elements previously installed by or for the **LOCAL GOVERNMENT** within the right of way, and for any damage to the **DEPARTMENT'S** signs, structures, or roadway fixtures, if the **LOCAL GOVERNMENT** caused the damage.

It is further understood and agreed that the **LOCAL GOVERNMENT**, or any successor or assigns thereto, in the conduct of any work involved in the **PROJECT**, shall not be considered the agent of the **DEPARTMENT** or of the State of Georgia.

ARTICLE IX

TERMINATION OF CONTRACT

The **DEPARTMENT** may terminate this Agreement for just cause or convenience at any time by giving the **LOCAL GOVERNMENT** at least thirty (30) days written notice of such termination, unless there is imminent or serious danger to the public health, safety, or welfare or to property, in which case termination shall be immediate. Upon receipt of such notice of termination, the **LOCAL GOVERNMENT** shall discontinue and cause all **PROJECT** work under this Agreement to terminate upon the date specified in the said notice. In the event of such termination, the **DEPARTMENT** shall be paid for any amounts as may be due it as specified in Article VII up to and including the specified date of termination.

The **LOCAL GOVERNMENT** shall have the right to terminate this Agreement at any time by giving the **DEPARTMENT** at least thirty (30) days advance written notice, provided that the **DEPARTMENT** is reimbursed in full for all services rendered pursuant to Article VII. Termination initiated by the **LOCAL GOVERNMENT** shall be contingent upon the following, if applicable:

- (a) The **LOCAL GOVERNMENT**, at the discretion of the **DEPARTMENT**, removing the planted landscaping, landscape related items, and any other non-standard and decorative elements that were installed by or for the **LOCAL GOVERNMENT** at no cost to the **DEPARTMENT**.
- (b) The **LOCAL GOVERNMENT** restoring the removed landscape areas to their original condition or a condition that meets federal standards and is acceptable to the **DEPARTMENT**.
- (c) The **LOCAL GOVERNMENT** restoring the removed non-standard and decorative elements with standard **DEPARTMENT** elements that meet federal and state requirements.
- (d) The **LOCAL GOVERNMENT** reimbursing the **DEPARTMENT** in full any state and/or federal funds used to purchase and install the landscaping, landscape related items, and other

non-standard and decorative elements that are no longer to be maintained by the **LOCAL GOVERNMENT**.

The **DEPARTMENT** and the **LOCAL GOVERNMENT** agree that should the **LOCAL GOVERNMENT** fail to perform the maintenance activities as set forth in Exhibit A, the **DEPARTMENT** may require the **LOCAL GOVERNMENT** to remove, restore, and reimburse according to items “A”, “B”, “C”, and “D” above, as applicable, and then terminate the Agreement.

ARTICLE X

COMPLIANCE WITH APPLICABLE LAW

The undersigned certify that:

1. This Agreement is subject to applicable state and federal laws, standards, and rules and regulations.
2. The provisions of Sections 45-10-20 through 45-10-28 of the Official Code of Georgia Annotated relating to Conflict of Interest and State Employees and Officials Trading with the State have been complied with in full.
3. The provisions of Section 50-24-1 through 50-24-6 of the Official Code of Georgia Annotated, relating to the “Drug-Free Workplace Act” have been complied with in full.

ARTICLE XI

MISCELLANEOUS

1. **NON-WAIVER.** No failure of either Party to exercise any right or power given to such Party under this Agreement, or to insist upon strict compliance by the other Party with the provisions of this Agreement, and no custom or practice of either Party at variance with the terms and conditions of this Agreement, will constitute a waiver of either Party's right to demand exact and strict compliance by the other Party with the terms and conditions of this Agreement.
2. **NO THIRD-PARTY BENEFICIARIES.** Nothing contained herein shall be construed as conferring upon or giving to any person, other than the Parties hereto, any rights or benefits under or by reason of this Agreement.
3. **SOVEREIGN IMMUNITY.** Notwithstanding any other provision of this Agreement to the contrary, no term or condition of this Agreement shall be construed or interpreted as a waiver, express or implied, of any of the immunities, rights, benefits, protection, or other provisions under the Georgia Constitution.
4. **CONTINUITY.** Each of the provisions of this Agreement will be binding upon and inure to the benefit and detriment of the Parties and the successors and assigns of the Parties.
5. **WHEREAS CLAUSE AND EXHIBITS.** The Whereas Clauses and Exhibits hereto are a part of

this Agreement and are incorporated herein by reference.

6. **SEVERABILITY.** If any one or more of the provisions contained herein are for any reason held by any court of competent jurisdiction to be invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability will not affect any other provision hereof, and this Agreement will be construed as if such invalid, illegal or unenforceable provision had never been contained herein.
7. **CAPTIONS.** The brief headings or titles preceding each provision hereof are for purposes of identification and convenience only and should be completely disregarded in construing this Agreement.
8. **INTERPRETATION.** Should any provision of this Agreement require judicial interpretation, it is agreed that the court interpreting or construing the same shall not apply a presumption that the terms hereof shall be more strictly construed against one Party by reason of the rule of construction that a document is to be construed more strictly against the Party who itself or through its agent prepared the same, it being agreed that the agents of all Parties have participated in the preparation hereof.
9. Pursuant to O.C.G.A. Sec. 50-5-85, **LOCAL GOVERNMENT** hereby certifies that it is not currently engaged in, and agrees that for the duration of this contract, it will not engage in a boycott of Israel.
10. **ENTIRE AGREEMENT.** This Agreement supersedes all prior negotiations, discussion, statements and agreements between the Parties and constitutes the full, complete and entire agreement between the Parties with respect hereto; no member, officer, employee or agent of either Party has authority to make, or has made, any statement, agreement, representation or contemporaneous agreement, oral or written, in connection herewith, amending, supplementing, modifying, adding to, deleting from, or changing the terms and conditions of this Agreement. No modification of or amendment to this Agreement will be binding on either Party hereto unless such modification or amendment will be properly authorized, in writing, properly signed by both Parties and incorporated in and by reference made a part hereof.

THE REMAINDER OF PAGE INTENTIONALLY LEFT BLANK.

SIGNATURES ON THE FOLLOWING PAGE.

The covenants herein contained shall, except as otherwise provided, accrue to the benefit of and be binding upon the successors and assigns of the Parties hereto.

IN WITNESS WHEREOF, said Parties have hereunto set their hand and affixed their seals the day and year above first written.

GEORGIA DEPARTMENT OF TRANSPORTATION

_____(Seal)
Commissioner or designee

ATTEST:

Treasurer

LOCAL GOVERNMENT:

_____(Seal)
Name and Title: _____

EXHIBIT A

MAINTENANCE WORK PLAN

For all maintenance activities, at a minimum, abide by the Federal Manual of Uniform Traffic Control Devices (MUTCD) standards, current edition, for temporary traffic control. Move equipment or materials on or across a traveled way in a manner as not to unduly interfere with traffic.

Watering

- Provide adequate water to maintain healthy plant material
- Water in a manner that it does not endanger pedestrian or vehicular traffic
- Water according to the state or local government restrictions

Pruning

- Remove dead or diseased planted vegetation
- Prune trees, shrubs and ground covers to maintain the health of the plants and to maintain in the intended design character of the plant (no stump pruning or lollipop/ball shapes)
- Prune trees, shrubs, and ground covers as needed to remove damage by storm or accident events and to prevent safety hazards
- Prune to maintain open sight distances, clear zone areas and traffic sign visibility. Provide clearance for pedestrian and vehicular traffic mobility
- Prune according to American National Standards Institute, latest edition, A300 Part 1 pruning Standards

Weeding

- Maintain right of way free of weeds, exotic and invasive pest plants, undesired vegetation and other noxious weeds
- All Pesticide/Herbicide use shall be under the direct supervision of someone with the appropriate Commercial Category 27 (right of way use) license

- When pesticides/herbicides are being applied the person applying shall have in their possession all labeling associated with the pesticide/herbicide and their license/certification
- Post warning signs for pesticide/herbicide use as required by state code

Mowing and trimming of grass

- Maintain a neat appearance and clear sight lines for pedestrian and vehicular traffic

Litter

- Completely remove all litter and debris and other objectionable material on site
- Do not deposit or blow litter, debris and vegetation into gutters or drainage structures
- Make disposal in accordance with local and state laws
- Remove all graffiti within project limits

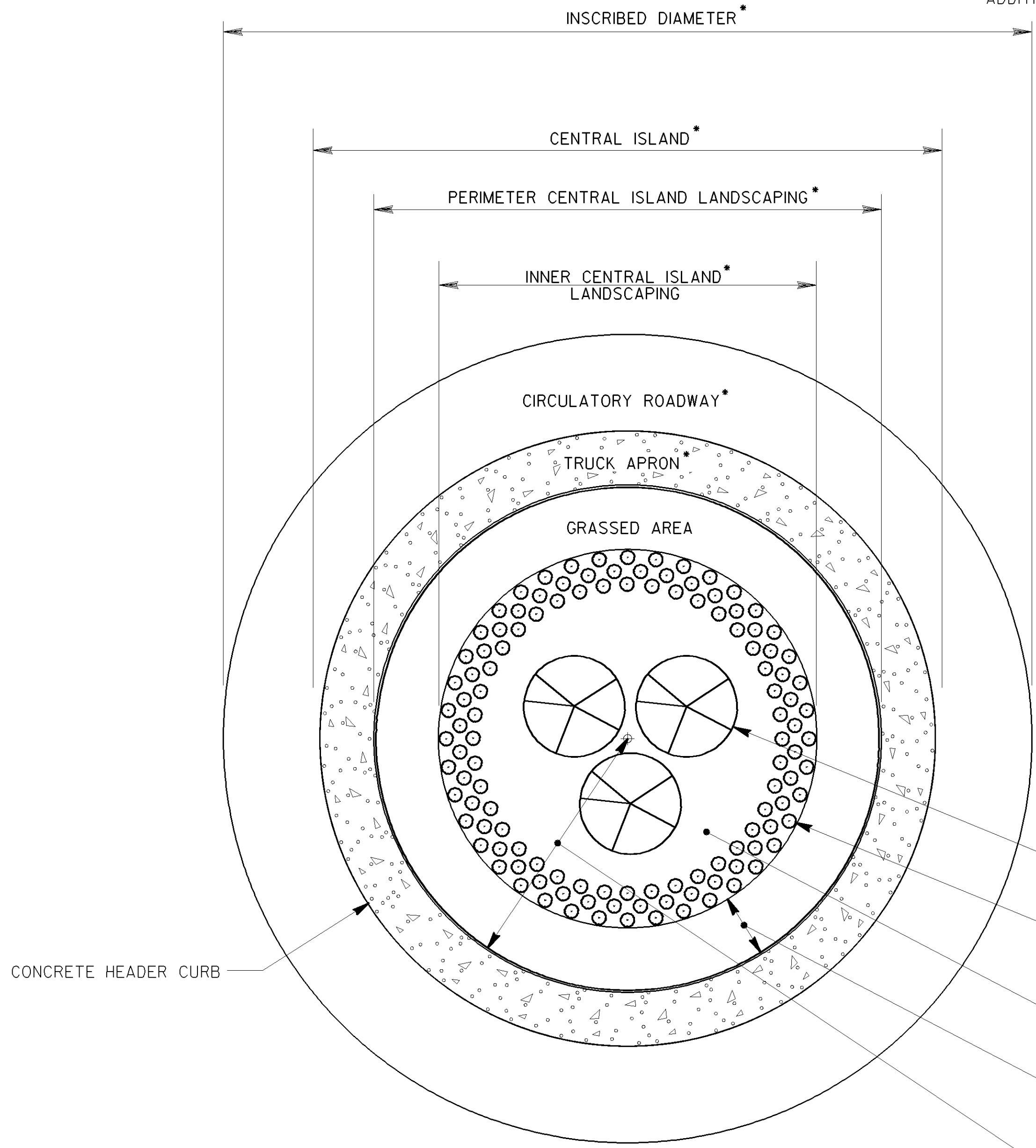
Installed Sidewalks/Multi-Use Trails

- Maintain and repair sidewalks and brick pavers according to the Americans with Disabilities Act (ADA)
- GDOT will not be responsible for damages to sidewalks/multi-use trails, amenities, etc. caused by maintenance activities on state right of way

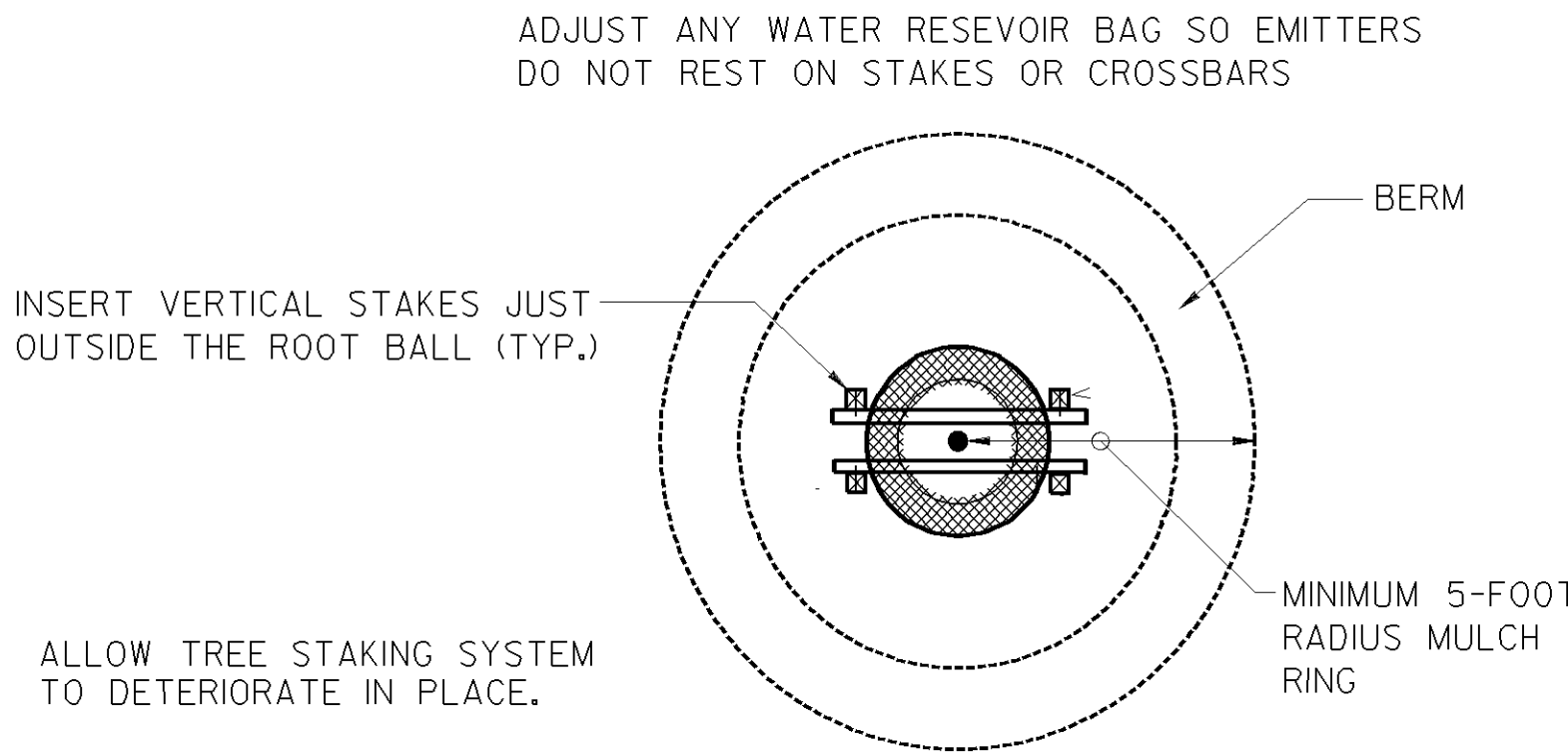
NOTE: All major maintenance repair activities and activities that may interfere with traffic or pedestrian flow within the right of way project limits, such as travel lane/walkway closures, require the LICENSEE notify the Department at least 48 hours prior to the activity to coordinate and gain Department approval.

* SEE PLANS FOR DIMENSIONS AND
ADDITIONAL DETAILS WHERE APPLICABLE.

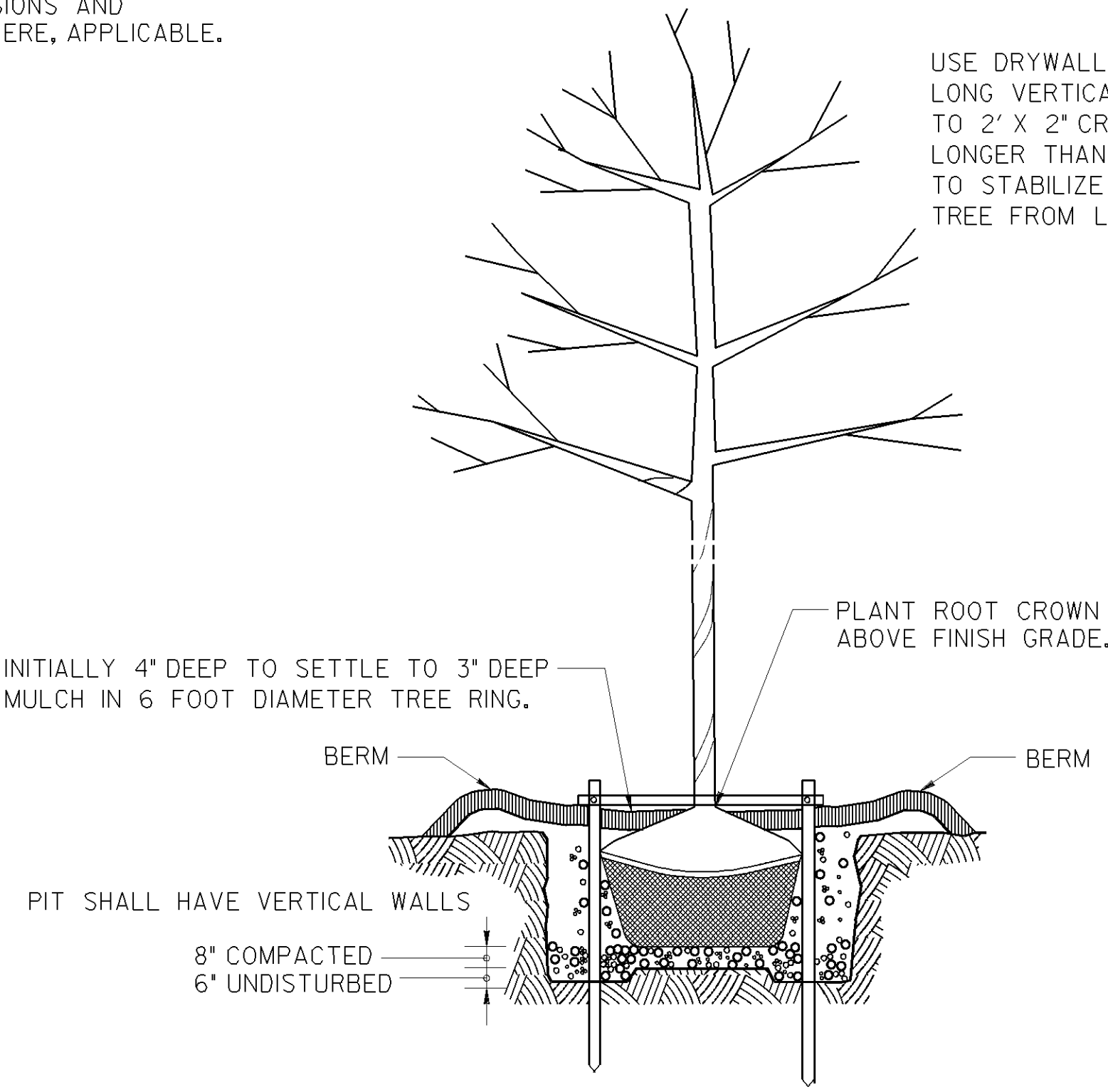
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			



PLANTING LAYOUT
NO SCALE



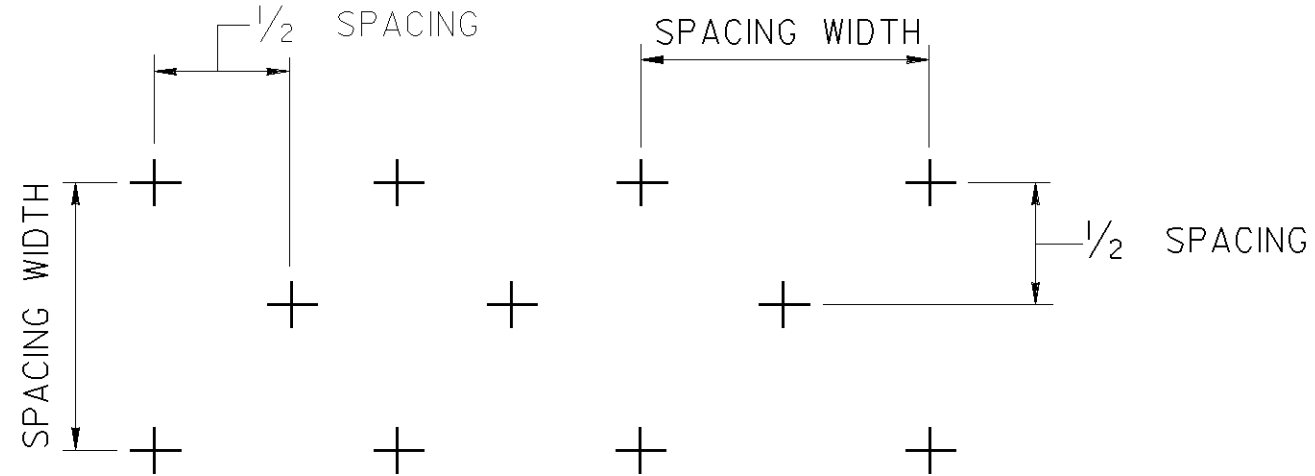
TREE PLANTING DETAIL - PLAN
NO SCALE



TREE PLANTING DETAIL - ELEVATION
NO SCALE

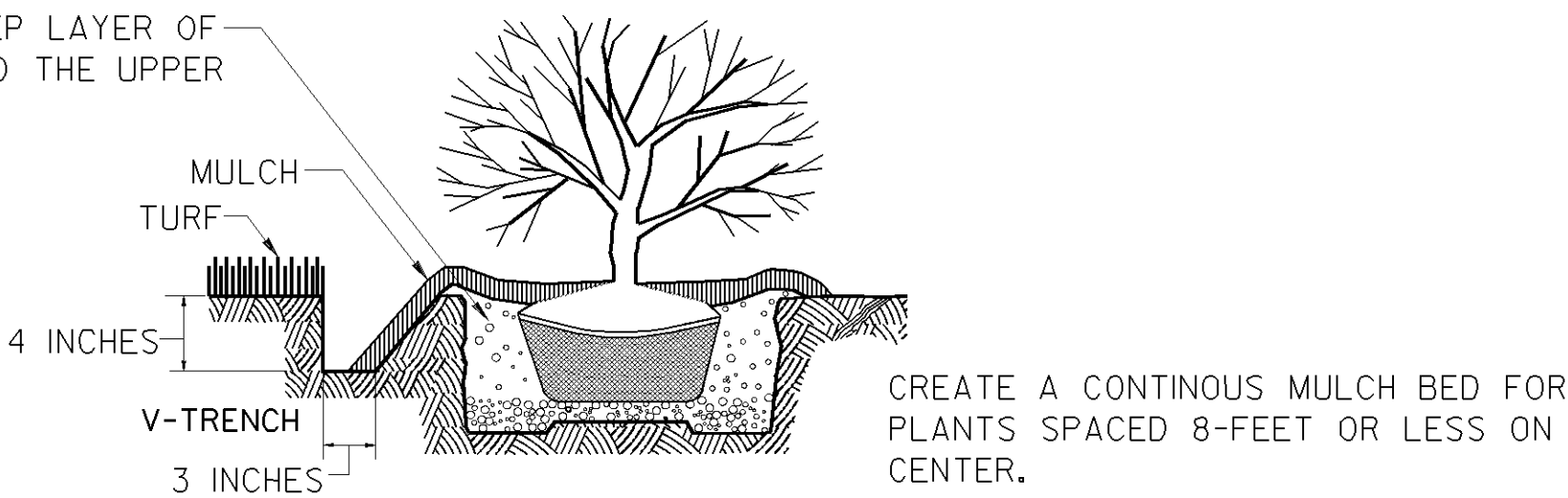
- 3 CRATAEGUS VIRIDIS 'WINTER KING'
- ILEX VOMITORIA NANA
3 GALLON, STAGGERED SPACING 3-FOOT ON CENTER
QUANTITY MAY VARY WITH THE SIZE OF THE ROUNDABOUT
LANDSCAPE ISLAND
- MULCH ENTIRE INNER CENTRAL ISLAND BED WITH PINE STRAW MULCH
- CYNODON DACTYLON 'TIFWAY 419' SOD
- CROWN THE LANDSCAPED PART OF
THE CENTRAL ISLAND AND GRADES
WITH A MINIMUM 3% SLOPE, USING
SOIL PREPARATION ACCORDING TO
THE SPECIAL PROVISIONS SECTION
700 -GRASSING AND SECTION 702
- VINE, SHRUB AND TREE PLANTING.

USE DRYWALL SCREWS TO ATTACH 4-FOOT
LONG VERTICAL 2" X 2" HARDWOOD STAKES
TO 2' X 2" CROSSBARS AT LEAST 6 INCHES
LONGER THAN THE TREE ROOT BALL DIAMETER
TO STABILIZE THE ROOT BALL AND PREVENT THE
TREE FROM LEANING.



ON CENTER SPACING - STAGGERED ROW
NO SCALE

INCORPORATE A 2 INCH DEEP LAYER OF
ORGANIC SOIL ADDITIVE INTO THE UPPER
6\"/>



VINE AND SHRUB PLANTING DETAIL
NO SCALE

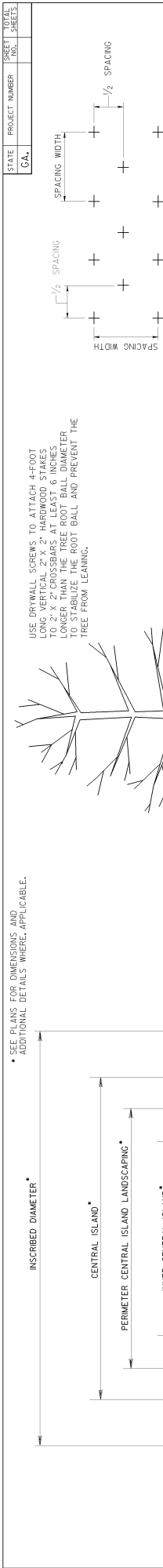
GENERAL NOTES:

- SPECIFICATIONS: GEORGIA STANDARD CURRENT EDITION, AND SUPPLEMENTS THERETO.
- SEE SPECIAL PROVISIONS 700 AND 702 FOR PLANTING REQUIREMENTS.
- SEE PLAN SHEETS FOR THE WIDTH OF THE PERIMETER CENTRAL ISLAND LANDSCAPING.
- THE DESIGNER MAY SPECIFY ALTERNATE PLANT MATERIALS WITH PRIOR REVIEW AND APPROVAL BY THE OFFICE OF MAINTENANCE. IF ALTERNATE MATERIALS ARE SPECIFIED, THEY WILL BE DESCRIBED ELSEWHERE IN THE PLANS.
- THIS DETAIL CAN BE INCORPORATED INTO PROJECT PLANS AFTER THE DEPARTMENT HAS ENTERED A SEPARATE RIGHT-OF-WAY MOWING AND MAINTENANCE AGREEMENT.

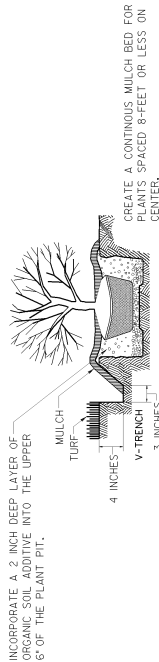
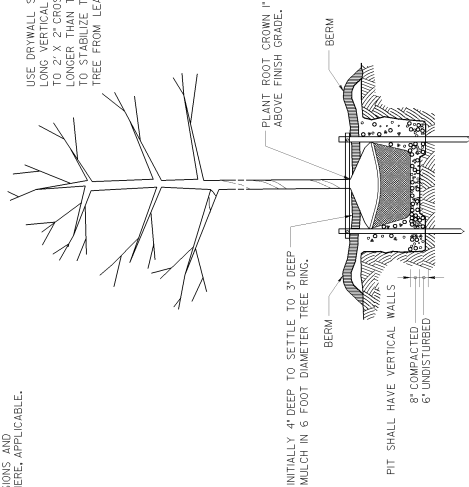
BASIS OF PAYMENT:

PAY ITEM NUMBER	UNIT	PAY ITEM DESCRIPTION	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
150-1000	LS	TRAFFIC CONTROL	-	-	-	-
700-9300	SY	SOD	CYNODON DACTYLON 'TIFWAY 419' SOD	HYBRID BERMUDA GRASS	-	-
702-0212	EA	CRATAEGUS VIRIDIS	CRATAEGUS VIRIDIS 'WINTER KING'	WINTER KING HAWTHORN	3 INCH CALIPER	SPACING AS SHOWN
702-0470	EA	ILEX VOMITORIA	ILEX VOMITORIA 'NANA'	DWARF YAUPON HOLLY	3 GAL	SPACING AS SHOWN
702-9005	LB	SPRING APPLICATION FERTILIZER	SPRING FERTILIZER	FERTILIZER	-	-
702-9025	SY	LANDSCAPE MULCH	-	PINE STRAW MULCH	-	-

DATE	REVISION	BY
SEPTEMBER 2011		
NUMBER	RA-1	



USE DRYWALL SCREWS TO ATTACH 4-FOOT LONG VERTICAL 2" X 2" HARDWOOD STAKES LONGER THAN THE TREE ROOT BALL DIAMETER TO STABILIZE THE ROOT BALL AND PREVENT THE TREE FROM LEANING.



VINE AND SHRUB PLANTING DETAIL

NO SCALE

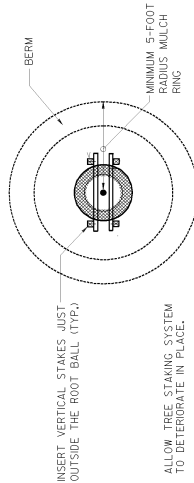
GENERAL NOTES:

1. SPECIFICATIONS: GEORGIA STANDARD CURRENT EDITION, AND SUPPLEMENTS THERETO.
2. SEE SPECIAL PROVISIONS 700 AND 702 FOR PLANTING REQUIREMENTS.
3. SEE PLAN SHEETS FOR THE WIDTH OF THE PERIMETER CENTRAL ISLAND LANDSCAPING.
4. THE DESIGNER MAY SPECIFY ALTERNATE PLANT MATERIALS WITH PRIOR REVIEW AND APPROVAL BY THE OFFICE OF MAINTENANCE IF ALTERNATE MATERIALS ARE SPECIFIED, THEY WILL BE DESCRIBED ELSEWHERE IN THE PLANS.
5. THIS DETAIL CAN BE INCORPORATED INTO PROJECT PLANS AFTER THE DEPARTMENT HAS ENTERED A SEPARATE RIGHT-OF-WAY MOWING AND MAINTENANCE AGREEMENT.

PLANTING LAYOUT

NO SCALE

ADJUST ANY WATER RESERVOIR BAG SO EMITTERS DO NOT REST ON STAKES OR CROSSBARS



TREE PLANTING DETAIL - PLAN

NO SCALE

BASIS OF PAYMENT:		PAY ITEM NUMBER	UNIT	PAY ITEM DESCRIPTION	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
150-1000	LS	TRAFFIC CONTROL						
700-9300	SY	500			CYNODON DACTYLON 'TIFWAY 419' 500	HYBRID BERMUDA GRASS		
702-002	EA	GRATIAEUS VIRIDIS			GRATIAEUS VIRIDIS 'WINTER KING'	WINTER KING HAWTHORN	3 INCH CALIPER	SPACING AS SHOWN
702-9000	LB	SPRING APPLICATION FERTILIZER			SPRING FERTILIZER		1 GAL	SPACING AS SHOWN
702-9005	SY	LANDSCAPE MULCH				PINE STRAW MULCH		

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

CONSTRUCTION DETAIL

ROUNDABOUT LANDSCAPING DETAILS

NO SCALE
SEPTEMBER 2011

NUMBER
RA-1