

STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION  
**APPLICATION FOR VEGETATION MANAGEMENT  
AT OUTDOOR ADVERTISING SIGNS**

FORM FH-0402

|                                 |                            |                       |                            |
|---------------------------------|----------------------------|-----------------------|----------------------------|
| WORKING PERMIT #:               | _____                      | VM PERMIT #           | _____                      |
| DATE APPLICATION SUBMITTED:     | _____                      | DATE DME APPROVAL     | _____                      |
| INITIAL PERMIT FEE AMT (\$400): | _____                      | RECEIVED BY           | _____                      |
| TOTAL CONTRIBUTORY VALUE:       | _____                      | RECEIVED BY           | _____                      |
| ADDITIONAL MITIGATION AMOUNT:   | _____                      | RECEIVED BY           | _____                      |
| BOND AMOUNT:                    | _____                      | RECEIVED BY           | _____                      |
| PRE CONSTRUCTION MTG DATE:      | _____                      | FINAL INSPECTION DATE | _____                      |
| PERMIT VALID FROM:              | _____                      | TO:                   | _____                      |
|                                 | (DATE SIGNED BY APPLICANT) |                       | (ONE YEAR FROM VALID DATE) |

Parts 1-4 to be completed by applicant

**PART 1 – APPLICANT INFORMATION**

F.E.I.N. / S.S.N. #: \_\_\_\_\_ Outdoor Advertising Structure PERMIT #: \_\_\_\_\_

Name of Applicant \_\_\_\_\_

Sign Company Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City, State, ZIP Code: \_\_\_\_\_

Telephone Number: \_\_\_\_\_ Fax Number: \_\_\_\_\_ E-mail \_\_\_\_\_

Contact Person: \_\_\_\_\_ Contact Telephone Number: \_\_\_\_\_

Property owner: \_\_\_\_\_ Property Owner Telephone Number: \_\_\_\_\_

**PART 2 – SIGN/LOCATION INFORMATION**

**SIGN LOCATION**

Check here for blanket bond request

State Route No. \_\_\_\_\_, \_\_\_\_\_ County, \_\_\_\_\_ feet from the nearest edge of right of way on the

N  S  E  W  side of the roadway, and \_\_\_\_\_ (nearest tenth miles) N.S.E.W of milepost # \_\_\_\_\_.

Sign faces: N  S  E  W  and is Left Viewing (from across the road)  Right Viewing

SIGN TYPE: Single Face  Back-to-Back  Double Faces  V-type  Side-by-Side  Combination

**SIGN DESCRIPTION**

Sign is \_\_\_\_\_ feet high and \_\_\_\_\_ feet from the nearest adjacent billboard (if within 1000' of another billboard)

Date erected \_\_\_\_\_ Date OA structure permitted \_\_\_\_\_

**PART 3 – VEGETATION MANAGEMENT PLAN** (Submitted with non-refundable \$400 Review and Permit Fee)

1. Submit Affidavit of 6-month sign history (**See ATTACHMENT #1**)
2. Submit time/date stamped color photographs of the entire Sign Viewing Zone (minimum of 6) and sign (minimum of 2 showing advertising message) taken within six weeks of application submittal as (**ATTACHMENT #2**).
3. Submit Sign Viewing Zone Inventory Sheet (existing trees (**ATTACHMENT #3**)) (to be completed by a certified Arborist/Forester).
4. Submit the name and a copy of the ISA Arborist certification or the Georgia Forester registration of the person responsible for all on-site work, all required tables and worksheets, and direct supervision of all tree-related operations (**ATTACHMENT #4**).
5. If chemical use is proposed, submit name and copy of certification number of person responsible for its use (**ATTACHMENT #5**).
6. Submit Application Fee of \$400 per Sign Viewing Zone and submit completed Summary of Tree Values Worksheet (**ATTACHMENT #6**). Also, \$500 minimum flat fee is required for performing any work on the Right Of Way. This minimum includes any and all work which affects trees or shrubs under 4" in diameter. Reference **Appendix B-1 & B-2** for basic value and condition/location/density factors.
7. Submit Stocking Points Chart prepared by the certified Arborist or Forester (**ATTACHMENT #7**) (if applicable).
8. Submit Environmental Impact Checklist (**ATTACHMENT #8**)
9. Submit Vegetation Management Plan Annual Work Schedule (**ATTACHMENT #9**).



**PART 5 – VERIFICATION** (To be completed by GDOT District Outdoor Advertising Agent)

I have reviewed the information submitted by the Applicant along with all GDOT records applicable to the above described sign and find that the sign conforms to all of the provision of Georgia Law and that it is not scheduled to be removed within the next 12 months.

- \_\_\_\_\_ There are no existing or pending violations at this site.
- \_\_\_\_\_ All renewal fees are current – Expiration date for Outdoor Advertising Sign Structure: \_\_\_\_\_
- \_\_\_\_\_ GDOT Outdoor Advertising permit and sign face is in good standing
- \_\_\_\_\_ Review Attachment #1: Affidavit
- \_\_\_\_\_ Review Attachment #2: Photos
- \_\_\_\_\_ Review Attachment #3: Sign Viewing Zone Inventory
- \_\_\_\_\_ Review Attachment #4: Arborist/Forester Certification
- \_\_\_\_\_ Review Attachment #5: Pesticide Applicator Certification
- \_\_\_\_\_ Review Attachment #6: Summary of Tree Values - Total Contributory Value: \$ \_\_\_\_\_
- \_\_\_\_\_ Review Attachment #7: Stocking Points Worksheet
- \_\_\_\_\_ Review Attachment #8: Environmental Impact Checklist
- \_\_\_\_\_ Review Attachment #9: Vegetation Management Plan Annual Schedule

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|               |            |      |
|---------------|------------|------|
| OAA Signature | Print Name | Date |
|---------------|------------|------|

**PART 6 – VERIFICATION & RECOMMENDATION** - To be completed by District Environmentalist if the Environmental Impact Checklist (Attachment #8) indicates potential environmental impact:

**Environmental Recommendations and Comments:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**PART 7 – RECOMMENDATION** (To be completed by GDOT Outdoor Advertising Agent)

Additional Mitigating Contributory Value Due: \$ \_\_\_\_\_

Comments / Conditions of permit:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Performance Bond/Sureties Requirement: \_\_\_\_\_ Anticipated Release date: \_\_\_\_\_

Recommendation for  Approval  Denial / Date \_\_\_\_\_ (District Outdoor Advertising Agent)

\_\_\_\_\_ (District Maintenance Engineer or designee / DATE)

**PART 8**

**To be signed by PERMITTEE only after Parts 5, 6, and 7 have been completed by GDOT and returned to applicant:**

I agree with all provision/conditions of the permit approval documents: \_\_\_\_\_  
Applicant Signature

\_\_\_\_\_ Date

## ATTACHMENTS TO APPLICATION FOR VEGETATION MANAGEMENT

The following must be included with your application:

- Attachment 1: An affidavit stating the subject sign has had advertising messages thereon for some period during the preceding six months, provided however the display of a phone number only shall not constitute an advertising message for purposes of satisfying this message requirement.
- Attachment 2: Time/Date stamped color photographs of the entire Sign Viewing Zone (minimum of 6) and sign (minimum of 2) taken within six weeks prior to the application being made to the Department that depicts a representative overview of the vegetation to be pruned, removed, or remain.
- Attachment 3: The Sign Viewing Zone Inventory sheet that shows the applicant's Target Viewing Zone and the tree sizes and quantities in the viewing zone. Trees located in the Target Viewing Zone shall be quantified and sized in a separate chart, as provided on the inventory sheet, from those trees outside of the Target Viewing Zone. The Certified Arborist or registered Forester is responsible for using and guaranteeing the information provided on the inventory sheet.
- Attachment 4: Name and copy of the ISA Arborist certification or the Forester Georgia registration of the person responsible for all on-site work, all required tables and worksheets, and direct supervision of all tree-related operations.
- Attachment 5: If chemical use is proposed, submit NAME and CERTIFICATION NUMBER of person responsible for its use and direct on-site supervision.
- Attachment 6: Summary of Tree Values:
- A. Application Review Fee of \$400 per Sign Viewing Zone;
  - B. Contribution Requirement Fee per Sign Viewing Zone.
    1. There is a minimum flat fee of \$500 for vegetation management work on the right of way. This minimum fee includes any and all work which affects vegetation under 4 inches in diameter.
    2. Fee for removal and pruning of vegetation 4 inches in diameter and above: Additive values are established in Appendix B-1 and B-2. This requirement can be calculated using the Attachment #6- Summary of Tree Values Worksheet. The Contribution Value requirement is equal to or greater than the value of the vegetation being pruned or removed using Appendix B-1 and B-2. The summary includes a calculation of the value of the proposed treatment of the right of way over and above leaving the right of way in acceptable condition.
- Attachment 7: A Stacking Points Chart shall be prepared by the certified Arborist or Forester and submitted if the applicant proposes to remove pine trees having a diameter outside bark of 12 inches or more at a height of 6 inches above ground level in the Non-Target Viewing Zone.
- Attachment 8: An Environmental Impact Checklist shall be prepared by the applicant. If the Environmental Impact Checklist (Attachment #8) indicates involvement of potential environmental impact, the District GDOT Environmentalist may indicate additional submittals required by the applicant as the legal status of the work relates to NEPA and Section 404 jurisdictional permit requirements. If the Department determines potential environmental impact, the applicant may be required to hire a professional to complete further studies.
- Attachment 9: A Schedule for Vegetation Management for a minimum of one year. The Schedule for Vegetation Management shall be a document that describes the vegetation management work (pruning and/or removal activities; condition/treatment of site at completion of work; and the grassing and maintenance activities) detailing the incremental plan for completing all vegetation management work. This document shall also be submitted annually.

**ATTACHMENT #1**  
**Affidavit of 6-month Sign History**

(Attachment #1 - form will vary according to individual attorney)

**Insert Affidavit Here.**

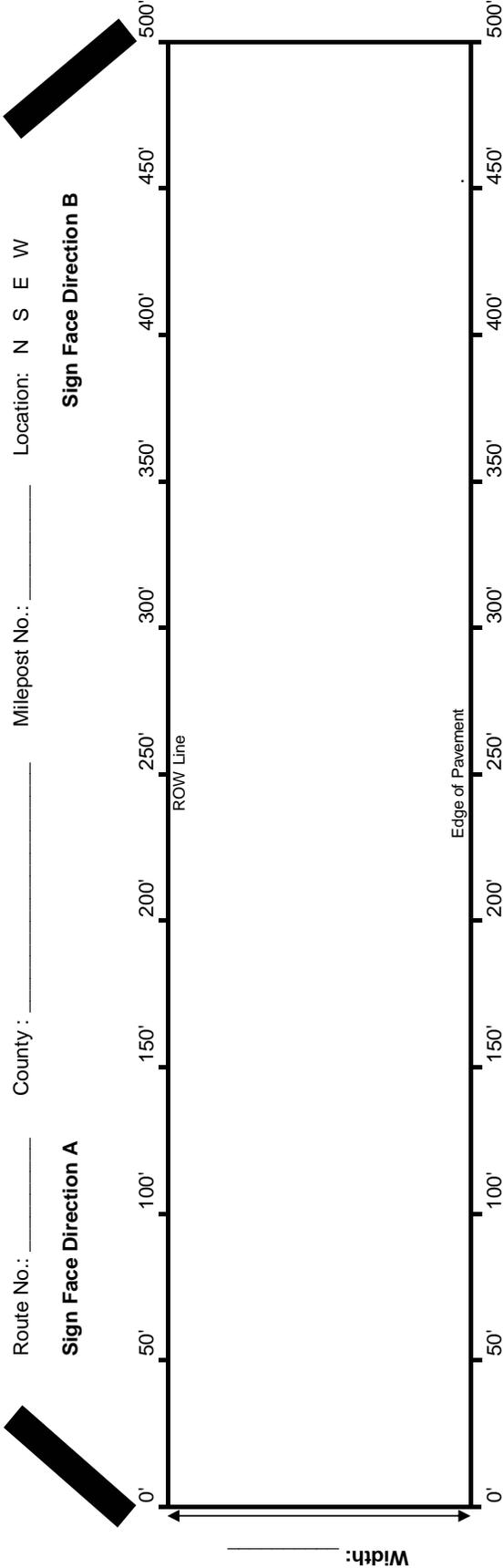
**ATTACHMENT #2**  
**Color Photographs of Entire Viewing Zone**

(Minimum of 2 time/date stamped photos of the Sign and 6 photos of the View Zone)

**Insert Photos of Site Here**

Permit No.: \_\_\_\_\_ Applicant: \_\_\_\_\_

Route No.: \_\_\_\_\_ County: \_\_\_\_\_ Milepost No.: \_\_\_\_\_ Location: N S E W



| Target View Zone |           | Non-Target View Zone |           | Prepared by:  |                               |
|------------------|-----------|----------------------|-----------|---------------|-------------------------------|
| Size             | Hardwoods | Non-Hardwoods        | Hardwoods | Non-Hardwoods | Signature:                    |
| 4                |           |                      |           |               | Sign Height (if 35' or less): |
| 6                |           |                      |           |               | Distance to Interchange:      |
| 8                |           |                      |           |               | Total Acres:                  |
| 10               |           |                      |           |               | Location Factor:              |
| 12               |           |                      |           |               | Notes:                        |
| 14               |           |                      |           |               |                               |
| 16               |           |                      |           |               |                               |
| 18               |           |                      |           |               |                               |
| 20               |           |                      |           |               |                               |
| 22               |           |                      |           |               |                               |
| 24               |           |                      |           |               |                               |
| 26               |           |                      |           |               |                               |
| 28               |           |                      |           |               |                               |
| 30               |           |                      |           |               |                               |

## Instructions for Completing Attachment # 3

1. Prior to Completing Attachment #3:
  - a. Notify the Department a minimum of 48 hours prior to any site visit or fieldwork. (Contact the District Outdoor Advertising Agent to find out who you should notify at the Area Office level)
  - b. Stake the Sign Viewing Zone and the Target View Zone on site.<sup>1</sup> (See Appendices A-1, A-2, A-3, and A-4 for illustrations.)
2. Complete information at top of sheet, being sure to indicate sign location relative to the road. For roads that run generally south to north the sign location would be either east or west. For roads that run generally west to east the sign location would be north or south.
3. Circle the sign face direction that applies - A or B.
4. The rectangular diagram on Attachment 3 represents a typical 500 foot long Sign Viewing Zone. The 500 foot length of the Sign View Zone is scaled at 1" = 60'. The width is not to scale.
  - a. Enter width of the distance from the edge of pavement to the right of way line in the space provided on the left side of the rectangular diagram.
  - b. In the rectangular area, delineate and dimension the Target View Zone that has been staked out onsite. The length of the Target View Zone shall not exceed a 250 foot horizontal parallel distance to a state right of way. (For signs erected on or before April 20, 1998, which are less than 35 feet in height, the Target View Zone may be increased to a maximum 350 feet where all other requirements can be met.)
  - c. In the rectangular area, delineate and dimension any site features such as bridges, bodies of water, environmentally sensitive areas (ESAs), wetlands, guardrail, walls, kudzu, etc. If another outdoor advertising sign is located closer than 500 feet of your sign face direction, write the word, "SIGN", above the right of way line at the approximate distance from your sign face.
5. For vegetation 4 inches in diameter and greater enter numbers of hardwoods and non-hardwoods in the charts for the Target View Zone and the Non-Target View Zone next to the applicable size. If no vegetation is to be disturbed inside the Non-Target View Zone do not fill in the Non-Target View Zone chart.
  - a. Trees shall be measured at a height of 6 inches above ground level.
  - b. Two-inch classes are used for tree size, where a four inch tree measures 4.0 to 4.99, a six inch tree measures 5.0 to 6.99, an eight inch tree measures 7.0 to 8.99, etc.
6. To determine Density, the Arborist/Forester shall average the number of trees, 4 inches in diameter and greater, in five random 10-foot by 10-foot square plots within the Sign Viewing Zone. This density average will be used in Appendix B-2 to determine Location/Condition of the trees (the Location Factor).
7. The preparing Arborist's/Forester's name and signature are required.
8. Indicate sign height if the sign is 35 feet in height or less.
9. Indicate distance to interchange (if within 1,000 feet of an interchange).
10. Indicate total number of acres for entire Sign Viewing Zone (500 feet times the width of the Sign Viewing Zone divided by 43,560 square feet). The width is measured from the edge of pavement to the right of way line.
11. Indicate location factor (as determined in Step 6).
12. Include any pertinent notes.

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- a. Stakes shall be a minimum 36 inches (900 mm) wooden stake topped with lime green flagging tape. Install stakes for the Target View Zone at a maximum of 20 feet on center. If the stakes are damaged at any time, re-establish the stake line immediately before clearing operations resume.
- b. Use flagging tape to depict vegetative removal identification.
- c. Place protective barriers around the drip line of trees to be retained prior to the field review.

**ATTACHMENT #4**  
**Copy of Arborist/Forester Certification**

(Attachment #4 to be provided by permittee)

**Insert Proof of Certification Here.**

**ATTACHMENT #5**  
**Copy of Pesticide Applicator License**

(Attachment #5 to be provided by permittee)

**Insert Proof of Pesticide Certification Here.**

**ATTACHMENT #6 SUMMARY OF TREE VALUES WORKSHEET**

(One worksheet per Sign Viewing Zone)

**HARDWOODS**

(See Attachment # 3 for Existing Tree Counts)

**Totals**

| Tree Dia.    | Basic Value  | Location <sup>2</sup> Factor | Number of trees to be removed | REMOVAL Value =<br>Basic value x location x<br>number of trees | Number of trees to be pruned | PRUNING Value =<br>Basic value x location x<br>number of trees x 0.25* |                |
|--------------|--------------|------------------------------|-------------------------------|--|------------------------------|--|----------------|
| 4            | \$ 95.00     |                              |                               | \$ -   |                              | \$ -   |                |
| 6            | \$ 435.00    |                              |                               | \$ -   |                              | \$ -   |                |
| 8            | \$ 945.00    |                              |                               | \$ -   |                              | \$ -   |                |
| 10           | \$ 1,625.00  |                              | N/A                           | N/A  |                              | \$ -   |                |
| 12           | \$ 2,030.00  |                              | N/A                           | N/A  |                              | \$ -   |                |
| 14           | \$ 2,965.00  |                              | N/A                           | N/A  |                              | \$ -   |                |
| 16           | \$ 4,070.00  |                              | N/A                           | N/A  |                              | \$ -   |                |
| 18           | \$ 5,345.00  |                              | N/A                           | N/A  |                              | \$ -   |                |
| 20           | \$ 6,790.00  |                              | N/A                           | N/A  |                              | \$ -   |                |
| 22           | \$ 8,405.00  |                              | N/A                           | N/A  |                              | \$ -   |                |
| 24           | \$ 10,190.00 |                              | N/A                           | N/A  |                              | \$ -   |                |
| 26           | \$ 12,145.00 |                              | N/A                           | N/A  |                              | \$ -   |                |
| 28           | \$ 14,270.00 |                              | N/A                           | N/A  |                              | \$ -   |                |
| 30           | \$ 16,565.00 |                              | N/A                           | N/A  |                              | \$ -   | Hardwood Total |
| <b>Total</b> |              |                              |                               | \$ -   | +                            | \$ -   | <b>\$ -</b>    |

**PINES/NON-HARDWOODS**

(See Attachment # 3 for Existing Tree Counts)

| Tree Dia.    | Basic Value  | Location <sup>1</sup> Factor | Number of trees to be removed | REMOVAL Value=<br>Basic value x location x<br>number of trees | Number of trees to be pruned | PRUNING Value =<br>Basic value x location x<br>number of trees x 0.25* |                             |
|--------------|--------------|------------------------------|-------------------------------|---|------------------------------|--|-----------------------------|
| 4            | \$ 65.00     |                              |                               | \$ -  |                              | \$ -   |                             |
| 6            | \$ 335.00    |                              |                               | \$ -  |                              | \$ -   |                             |
| 8            | \$ 845.00    |                              |                               | \$ -  |                              | \$ -   |                             |
| 10           | \$ 1,525.00  |                              |                               | \$ -  |                              | \$ -   |                             |
| 12           | \$ 1,930.00  |                              |                               | \$ -  |                              | \$ -   |                             |
| 14           | \$ 2,865.00  |                              |                               | \$ -  |                              | \$ -   |                             |
| 16           | \$ 3,970.00  |                              |                               | \$ -  |                              | \$ -   |                             |
| 18           | \$ 5,245.00  |                              |                               | \$ -  |                              | \$ -   |                             |
| 20           | \$ 6,690.00  |                              |                               | \$ -  |                              | \$ -   |                             |
| 22           | \$ 8,305.00  |                              |                               | \$ -  |                              | \$ -   |                             |
| 24           | \$ 10,090.00 |                              |                               | \$ -  |                              | \$ -   |                             |
| 26           | \$ 12,045.00 |                              |                               | \$ -  |                              | \$ -   |                             |
| 28           | \$ 14,170.00 |                              |                               | \$ -  |                              | \$ -   |                             |
| 30           | \$ 16,465.00 |                              |                               | \$ -  |                              | \$ -   | Pine/non-<br>Hardwood Total |
| <b>Total</b> |              |                              |                               | \$ -  | +                            | \$ -   | <b>\$ -</b>                 |

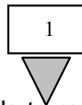
**Palm Relocation -** \$400 x  (quantity relocated) ----- **\$ -**

Vegetation Management Work on the right of way ----- **Minimum initial flat fee of \$500**  
(Minimum fee includes all removal/pruning of vegetation less than 4" in diameter.) **\$ 500.00**

**Total Contributory Value \$ -**

<sup>2</sup> See Appendix B-2 for Location Factor

\* 0.25 is the factor used for removing a maximum of 25% of a tree's leaf-bearing crown.



# ATTACHMENT #7

## Stocking Points Chart

(Use only for proposals to remove Pine trees ≥ 12" caliper within the Non-Target View Zone)

| EXISTING                                   |                                      |                       |   | PROPOSED                                      |                                      |                            |   |
|--|--------------------------------------|-----------------------|---|---|--------------------------------------|----------------------------|---|
| Diameter Outside Bark (in)                 | Units (converts to ft <sup>2</sup> ) | No. of Existing Trees | Existing Tree Points (ft <sup>2</sup> ) | Diameter Outside Bark (in)                    | Units (converts to ft <sup>2</sup> ) | No. of Trees to be Removed | Proposed Tree Points (ft <sup>2</sup> ) |
| 12   | 0.6                                  |                       |   | 12  | 0.6                                  |                            |   |
| 14   | 0.8                                  |                       |   | 14  | 0.8                                  |                            |   |
| 16   | 1.1                                  |                       |   | 16  | 1.1                                  |                            |   |
| 18   | 1.4                                  |                       |   | 18  | 1.4                                  |                            |   |
| 20   | 1.8                                  |                       |   | 20  | 1.8                                  |                            |   |
| 22   | 2.2                                  |                       |   | 22  | 2.2                                  |                            |   |
| 24   | 3.1                                  |                       |   | 24  | 3.1                                  |                            |   |
| 26   | 3.7                                  |                       |   | 26  | 3.7                                  |                            |   |
| 28   | 4.3                                  |                       |   | 28  | 4.3                                  |                            |   |
| 30   | 4.9                                  |                       |   | 30  | 4.9                                  |                            |   |
| 32   | 5.6                                  |                       |   | 32  | 5.6                                  |                            |   |
| 34   | 6.3                                  |                       |   | 34  | 6.3                                  |                            |   |
| <b>Total Existing Tree Stocking Points</b> |                                      |                       |   | <b>Total Proposed Removal Stocking Points</b> |                                      |                            |   |

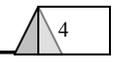


$$\text{No. Acres of the Site (the entire viewing zone)} \times 50 \text{ ft}^2/\text{acre}^* = \text{Minimum Points For Adequate Stocking (ft}^2\text{)}$$

\* Minimum stocking points/acre required for ≥ 12" Pine tree removal in the Non-Target View Zone



$$\text{Total Existing Stocking Points (ft}^2\text{)} - \text{Minimum Points For Adequate Stocking (ft}^2\text{)} = \text{Removal Stocking Points Available (ft}^2\text{)}$$



$$\text{Total Proposed Removal Stocking Points (ft}^2\text{)} - \text{Removal Stocking Points Available (ft}^2\text{)} = \text{MUST BE } \geq 0$$



- STEP 1: List, by size in the chart above, the number of existing Pine trees ≥ 12" in diameter in the Non-Target View Zone.
- STEP 2: Multiply the number of existing Pine trees in the Non-Target View Zone ≥ 12" in diameter times the unit conversion factors in the chart to determine the Existing Tree Stocking Points (basal area in ft<sup>2</sup>) for each size. Add the Existing Tree Points for all sizes to determine the Total Existing Tree Stocking Points.
- STEP 3: Multiply the number of acres on the entire site times the 50 ft<sup>2</sup>/acre standard to determine the Minimum Tree Points for Adequate Stocking for the site. The number of acres for the entire site should be listed in Attachment #3.
- STEP 4: Subtract the 'Minimum Points for Adequate Stocking' (Step 3 Total) from the 'Total Existing Tree Stocking Points' (Step 2 Total) to determine the Stocking Points Available for Pine Tree Removal in the Non-Target View Zone. (If this number is ≤ 0, then no Pine trees ≥ 12" in diameter may be removed. Omit Steps 5 and 6.)
- STEP 5: If the Stocking Points Available for Tree Removal are > 0 (Step 4 Total), multiply the number of Pine trees ≥ 12" in diameter proposed for removal times the unit conversion factors in the chart to determine the Proposed Tree Removal Stocking Points for each tree size. Add the Proposed Tree Points for all the sizes to determine the total Proposed Removal Stocking Points.
- STEP 6: Subtract the Removal Stocking Points Available (Step 4 total) from the total Proposed Removal Stocking Points (Step 5 total). The result MUST BE ≥ 0 for removal of Pine trees ≥ 12" in diameter in the Non-Target View Zone.

## ATTACHMENT #8

### ENVIRONMENTAL IMPACT CHECKLIST

| <b>DESCRIPTION OF ACTION</b>                           | Vegetation Pruning and Removal within a maximum 500 foot distance |           |   |
|--|---|-----------|---|
| <b>O.A. STRUCTURE NUMBER</b>                           |   |           |   |
| <b>COUNTY / STATE ROUTE</b>                            | /   |           |   |
| <b>NEAREST MILE POST</b>                               |   |           |   |
| <b>ENVIRONMENTAL IMPACT CHECKLIST</b>                  |   |           |   |
| <b>AREA OF POTENTIAL IMPACT</b>                        | <b>INVOLVEMENT</b>  |           | <b>EXPLANATION OF YES RESPONSES</b>     |
|  | <b>YES</b>  | <b>NO</b> | (Attach Additional Sheets If Necessary) |
| Marked Environmental Sensitive Areas<br>( <i>ESA</i> ) |   |           |   |
| WETLANDS   |   |           |   |
| BODIES OF WATER  |   |           |   |
| INVASIVE PLANT SPECIES                                 |   |           |   |

- **Environmental Sensitive Areas (ESA's)** are areas on the right of way with known endangered or rare species. Known areas are marked by GDOT with ESA signs at a maximum of 500 feet. If the Sign Viewing Zone is within 50 feet of an identified ESA, check the YES box.
- **Wetlands** are generally those areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas. If the Sign Viewing Zone is within 50 feet of a wetland, check the YES box.
- **Bodies of water** may include perennial or intermittent streams, creeks, rivers, canals, lakes, etc. Perennial bodies of water have water flowing year-round. Intermittent bodies of water may not have water flowing year-round. If the Sign Viewing Zone is within 50 feet of the top of bank of a body of water, check the YES box.
- **Invasive Plant Species** are exotic plant plants or non-native noxious weeds, which are a problem in natural communities on public and private land. Examples are: Kudzu (*Pueraria lobata*), Princess Tree (*Paulownia tomentosa*), Privet (*Ligustrum sinense* and *vulgare*), Mimosa (*Albizia julibrissin*), Japanese Honeysuckle (*Lonicera japonica*), and Johnson Grass (*Sorghum halepense*). If invasive species are within a Sign Viewing Zone, check the YES box.
- If the **Environmental Impact Checklist** (Attachment #8) indicates involvement of potential impact, the District GDOT Environmentalist may indicate additional submittals required by the applicant as the legal status of the work relates to NEPA and Section 404 jurisdictional permit requirements. If the Department determines potential environmental impact, the applicant may be required to hire a professional to complete further studies. The occurrence of invasive plant species will not require additional documentation, but will require the applicant to remove it and apply chemical control according to this policy.

GEORGIA DEPARTMENT OF TRANSPORTATION  
ANNUAL WORK SCHEDULE FOR  
VEGETATION MANAGEMENT AT OUTDOOR ADVERTISING SIGNS

ATTACHMENT #9

**SECTION A:**

SCHEDULE IS HEREBY MADE TO THE GEORGIA DEPARTMENT OF TRANSPORTATION BY:

APPLICANT NAME & ADDRESS: \_\_\_\_\_

PHONE #: \_\_\_\_\_ FACSIMILE #: \_\_\_\_\_ EMAIL: \_\_\_\_\_

OA STRUCTURE #: \_\_\_\_\_

DISTRICT: \_\_\_\_\_ COUNTY: \_\_\_\_\_ STATE ROUTE NUMBER \_\_\_\_\_ NEAREST MILE MARKER: \_\_\_\_\_

**SECTION B – INITIAL VEGETATION MANAGEMENT SCHEDULE (For new applications only):**

CHECK THE APPROPRIATE BOX OR BOXES FOR EACH MAINTENANCE ACTIVITY THAT THIS SCHEDULE APPLIES TO:

GRASSING     CHEMICAL CONTROL     PRUNING & TREE REMOVAL

1. GRASSING:

LIST THE TYPE OF GRASS, INSTALLATION AND MAINTENANCE METHODS PROPOSED, AND CONDITION/TREATMENT OF SITE AT COMPLETION (SECTION D).

2. CHEMICAL CONTROL:

IF CHEMICALS WILL BE USED ON THE RIGHT OF WAY, LIST THE CHEMICAL NAME(S), RATE(S) OF APPLICATION, METHOD(S) OF APPLICATION, AND REASON(S) FOR THE PROPOSAL OF CHEMICAL CONTROL (SECTION D).

3. PRUNING AND TREE REMOVAL:

LIST THE EXTENT OF PRUNING/TREE REMOVAL OF VEGETATION LESS THAN 4" IN DIAMETER, METHOD OF DISPOSAL OF DEBRIS, EQUIPMENT TO BE USED, METHOD OF TREE PROTECTION FOR TREES TO REMAIN, METHOD OF ACCESS FOR WORK WITHIN THE VIEWING ZONE. DESIGNATE WHERE PRUNING/TREE REMOVAL WILL OCCUR WITHIN THE SIGN VIEWING AREA. INDICATE THE METHOD OF IDENTIFYING TREES TO BE REMOVED/TREES TO REMAIN. (SECTION D).

**SECTION C – ANNUAL VEGETATION MAINTENANCE SCHEDULE (For renewals only):**

VEGETATION MANAGEMENT PERMIT # \_\_\_\_\_

CHECK THE APPROPRIATE BOX OR BOXES FOR EACH MAINTENANCE ACTIVITY THAT THIS SCHEDULE APPLIES TO:

CHEMICAL CONTROL     MOWING & TRIMMING

1. CHEMICAL CONTROL:

IF CHEMICALS WILL BE USED ON THE RIGHT OF WAY, LIST THE CHEMICAL NAME(S), RATE(S) OF APPLICATION, METHOD(S) OF APPLICATION, REASON(S) FOR THE PROPOSAL OF CHEMICAL CONTROL, AND PESTICIDE APPLICATOR'S NAME & LICENSE # (SECTION D).

2. MOWING AND TRIMMING:

LIST THE PROPOSED MOWING/TRIMMING ACTIVITIES FOR VEGETATION LESS THAN 4' IN DIAMETER, METHOD OF DISPOSAL OF DEBRIS, AND EQUIPMENT TO BE USED (SECTION D).

**GEORGIA DEPARTMENT OF TRANSPORTATION  
ANNUAL WORK SCHEDULE FOR  
VEGETATION MANAGEMENT AT OUTDOOR ADVERTISING SIGNS**

**SECTION D: (FOR RENEWALS, COMPLETE STATEMENTS 7 THROUGH 10 ONLY.)**

1. TYPE OF GRASS \_\_\_\_\_

INSTALLATION AND MAINTENANCE METHODS \_\_\_\_\_

2. CONDITION/TREATMENT OF SITE AT COMPLETION \_\_\_\_\_

3. EXTENT OF PRUNING/TREE REMOVAL \_\_\_\_\_

4. METHOD OF TREE PROTECTION \_\_\_\_\_

5. WHERE PRUNING/TREE REMOVAL WILL OCCUR  Inside Target View Zone  Outside Target View Zone

6. METHOD TO ID TREES TO BE REMOVED/TREES TO REMAIN \_\_\_\_\_

7. CHEMICALS TO BE USED \_\_\_\_\_

RATE(S) OF APPLICATION \_\_\_\_\_

METHOD(S) OF APPLICATION \_\_\_\_\_

REASON(S) FOR THE PROPOSAL OF CHEMICAL CONTROL \_\_\_\_\_

PESTICIDE APPLICATOR'S LICENSE #/NAME \_\_\_\_\_

8. METHOD OF DISPOSAL OF DEBRIS \_\_\_\_\_

9. EQUIPMENT TO BE USED \_\_\_\_\_

10. PROPOSED MOWING/TRIMMING ACTIVITIES \_\_\_\_\_

**GENERAL PROVISIONS**

FOR ALL SITES, THE OUTDOOR SIGN VEGETATIVE MANAGEMENT REQUIREMENTS IN THE CURRENT EDITION OF THE VEGETATION MANAGEMENT AT OUTDOOR ADVERTISING SIGNS POLICY ON FILE IN THE GENERAL OFFICE OF THE DEPARTMENT OF TRANSPORTATION, IS MADE A PART HEREOF BY REFERENCE, AND ALL PROVISIONS SHOWN IN THE APPENDICES, OR ATTACHED HERETO, DURING THE MAINTENANCE OF THE PERMITEE'S VIEWING ZONE WITHIN THE RIGHT OF WAY.

AT ALL TIMES, THE PERMITEE SHALL INSTALL AND MAINTAIN TRAFFIC CONTROL IN ACCORDANCE WITH THE DIAGRAM IN APPENDIX D – VM ACTIVITY TRAFFIC CONTROL OR THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CURRENT EDITION. FOR APPLICATIONS NOT COVERED IN THESE REFERENCES, A DETAILED TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO THE DEPARTMENT FOR REVIEW. A TRAFFIC CONTROL PLAN IS REQUIRED FOR WORK INVOLVING LANE CLOSURE(S).

ACCESS TO THE SITE SHALL BE ONLY FROM THE MAINLINE.

THE OUTDOOR SIGN VEGETATIVE MANAGEMENT PERMITEE MAY USE ONLY THOSE PESTICIDES ON THE RIGHT OF WAY WHICH THE DEPARTMENT HAS APPROVED ON THE OUTDOOR SIGN VEGETATIVE MANAGEMENT PERMITEE'S VEGETATIVE MAINTENANCE SCHEDULE.

IT IS THE OUTDOOR SIGN VEGETATIVE MANAGEMENT PERMITEE'S RESPONSIBILITY TO VERIFY THE LIMITS OF RIGHT OF WAY FOR MAINTENANCE OF VIEWING ZONE OF THE PERMITEE'S SIGN AUTHORIZED HEREBY.

NO INHERENT OR RETAINED RIGHT OR PRIVILEGE OF ANY ABUTTING PROPERTY OWNER IS AFFECTED BY THIS SCHEDULE, NOR IS THE DEPARTMENT RESPONSIBLE FOR ANY CLAIM WHICH MAY DEVELOP BETWEEN THE OUTDOOR SIGN VEGETATIVE MANAGEMENT PERMITEE AND ANY PROPERTY OWNER CONCERNING USE OF THE RIGHT OF WAY.

THE OUTDOOR SIGN VEGETATIVE MANAGEMENT PERMITEE SHALL GIVE THE DEPARTMENT A MINIMUM OF 48 HOURS NOTICE PRIOR TO BEGINNING ANY WORK UNDER THIS SCHEDULE.

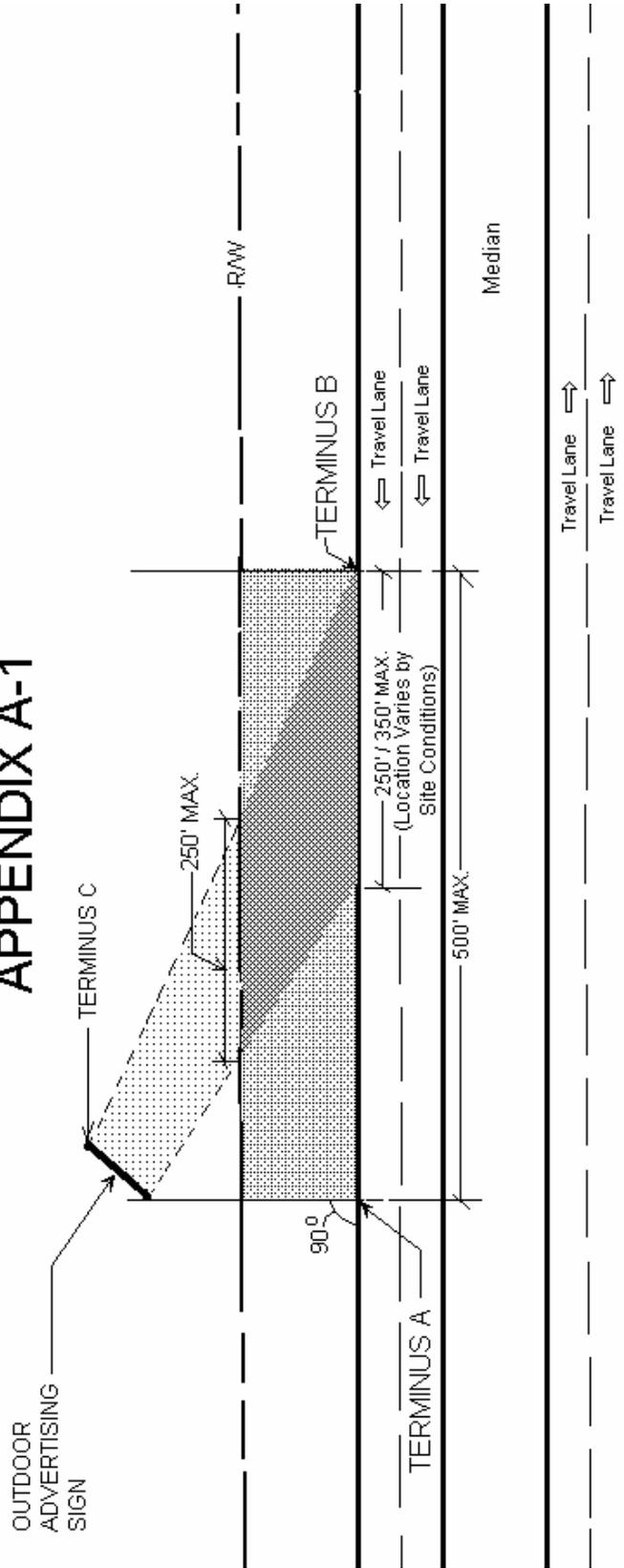
THE PROVISIONS OF THIS SCHEDULE ARE REGULATORY AND NOT CONTRACTUAL. NO INTEREST OR RIGHT OF AN OUTDOOR SIGN VEGETATIVE MANAGEMENT PERMITEE GRANTED BY THIS SCHEDULE MAY BE TRANSFERRED TO ANOTHER EXCEPT BY WRITTEN CONSENT OF THE DEPARTMENT. THIS VEGETATIVE MAINTENANCE SCHEDULE MAY BE REVOKED AT THE PLEASURE OF THE DEPARTMENT UPON WRITTEN NOTICE TO THE OUTDOOR SIGN VEGETATIVE MANAGEMENT PERMITEE.

EROSION CONTROL SHALL BE AS DIRECTED BY GDOT OR PER NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES PHASE 2) STANDARDS AND BEST MANAGEMENT PRACTICES (BMPs) CONSISTENT WITH THE STATE SOIL AND WATER CONSERVATION COMMISSION'S MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA. AN EROSION AND SEDIMENTATION PLAN IS NOT REQUIRED UNLESS THE VIEW ZONE IS IN OR ADJACENT TO AN ENVIRONMENTALLY SENSITIVE AREA SUCH AS A STREAM OR WETLAND OR AS DIRECTED BY THE AREA PERMIT INSPECTOR. VEGETATION MANAGEMENT (VM) ACTIVITY IS CONSIDERED CONSTRUCTION ACTIVITY AND NOT SILVICULTURE FOR THE PURPOSES OF WORK ON THE GDOT RIGHT OF WAY.

A VEGETATION MANAGEMENT PERMIT MUST BE DISPLAYED IN A LOCATION CLEARLY VISIBLE FROM THE NEAREST TRAVEL LANE DURING ANY VEGETATION MANAGEMENT ACTIVITIES.



# APPENDIX A-1

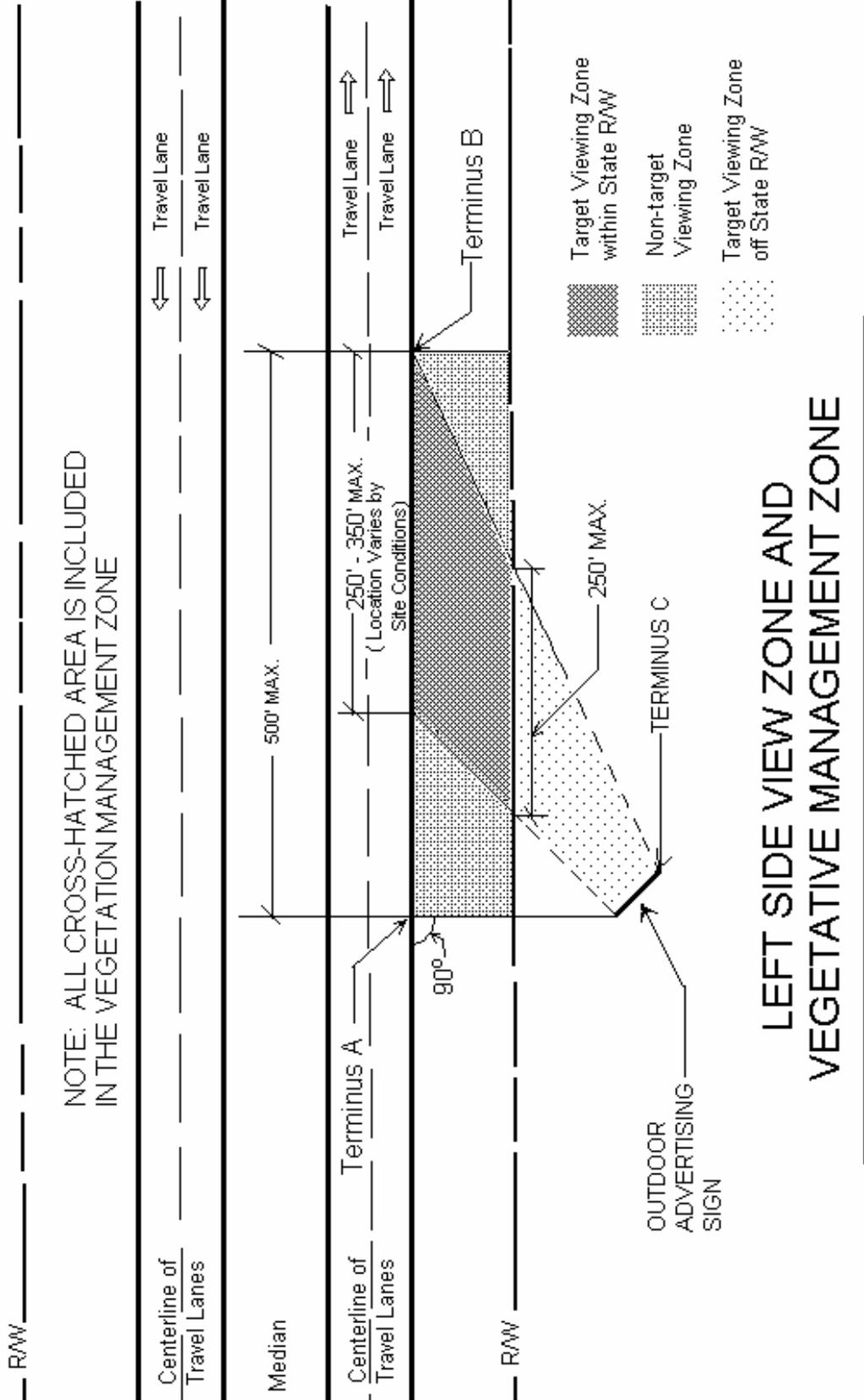


NOTE: ALL CROSS-HATCHED AREA IS INCLUDED IN THE VEGETATION MANAGEMENT ZONE

## RIGHT SIDE VIEW ZONE AND VEGETATION MANAGEMENT ZONE

- Target Viewing Zone Within State R/W
- Non-target Viewing Zone
- Target Viewing Zone Off State R/W

# APPENDIX A-2



## LEFT SIDE VIEW ZONE AND VEGETATIVE MANAGEMENT ZONE

# APPENDIX- A-3

NOTE:  
ALL CROSS-HATCHED  
AREAS ARE INCLUDED IN  
THE VEGETATION  
MANAGEMENT ZONES

OUTDOOR ADVERTISING SIGNS  
TERMINUS C

250' MAX.  
Target Viewing Zone  
Off State R/W

250' MAX.

90°

Terminus B

Terminus A

250'/350' MAX.  
(Location Varies by  
Site Conditions)

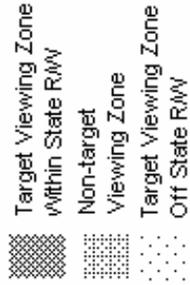
500' MAX.

500' MAX.

250'/350' MAX.  
(Location Varies by  
Site Conditions)

Travel Lane

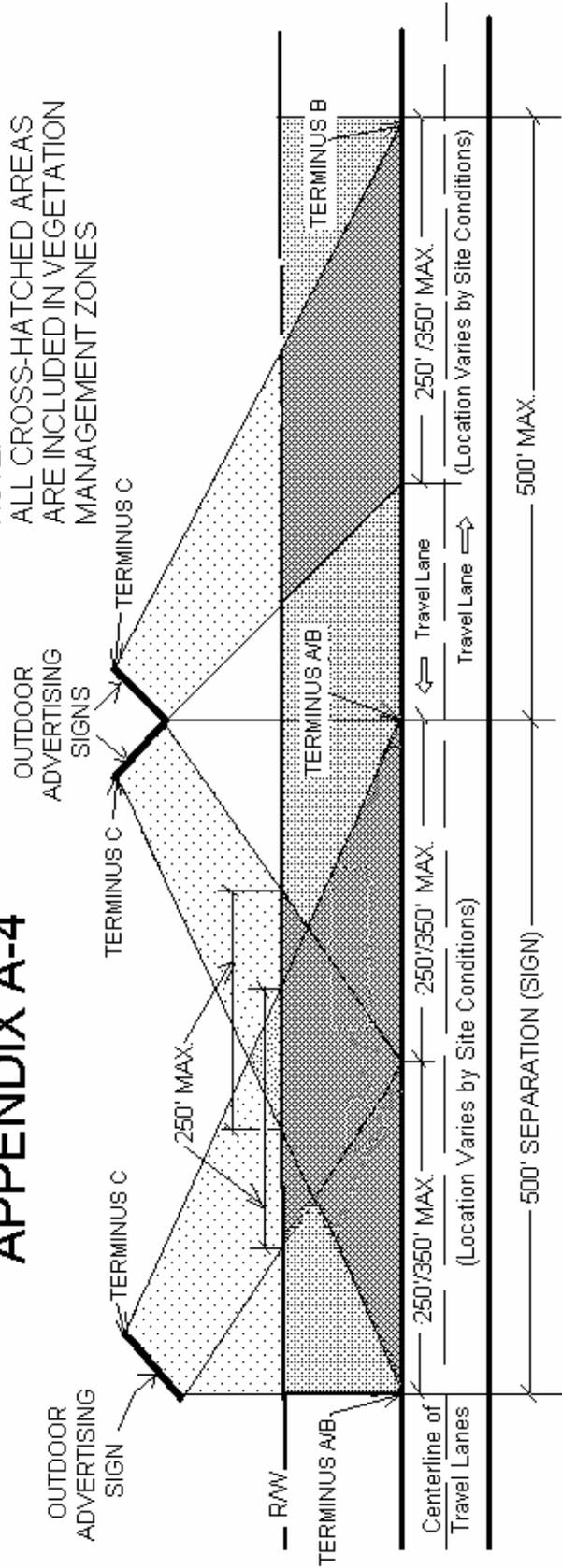
Travel Lane



## BACK TO BACK / V-TYPE SIGN VEGETATION MANAGEMENT ZONES

NOTE:  
ALL CROSS-HATCHED AREAS  
ARE INCLUDED IN VEGETATION  
MANAGEMENT ZONES

# APPENDIX A-4



NOTE: EACH SIGN VIEWING ZONE IS PERMITTED SEPARATELY

## ADJACENT SIGNS WITH COMMON VEGETATION MANAGEMENT ZONES

## Appendix B-1 Basic Value

### Tree Diameter versus Species

|                 |           | Species     |              |
|-----------------|-----------|-------------|--------------|
|                 |           | Hardwood    | Pine         |
|                 | 4         | \$ 95.00    | \$ 65.00     |
|                 | 6         | \$ 435.00   | \$ 335.00    |
|                 | 8         | \$ 945.00   | \$ 845.00    |
| <b>Tree</b>     | <b>10</b> | \$ 1,625.00 | \$ 1,525.00  |
| <b>Diameter</b> | <b>12</b> | \$ 2,030.00 | \$ 1,930.00  |
| <b>(inches)</b> | <b>14</b> | \$ 2,965.00 | \$ 2,865.00  |
|                 | <b>16</b> | \$ 4,070.00 | \$ 3,970.00  |
|                 | <b>18</b> | \$ 5,345.00 | \$ 5,245.00  |
|                 | <b>20</b> | \$ 6,790.00 | \$ 6,690.00  |
|                 | <b>22</b> | \$ 8,405.00 | \$ 8,305.00  |
|                 | <b>24</b> | \$10,190.00 | \$ 10,090.00 |
|                 | <b>26</b> | \$12,145.00 | \$ 12,045.00 |
|                 | <b>28</b> | \$14,270.00 | \$ 14,170.00 |
|                 | <b>30</b> | \$16,565.00 | \$ 16,465.00 |

1. The Trunk Formula Method is used to determine the appraised value for removal and pruning of hardwood and non-hardwood trees on the right of way. The Trunk Formula Method is established in the International Society of Arboriculture publication, *Guide for Plant Appraisal*, latest edition. The Formula is:  

$$\text{CONTRIBUTION (Appraised) VALUE} = \text{Basic Value} \times \text{Condition} \times \text{Location}$$
2. **Appendix B-1:** Establishes the Basic Value for the above formula. The formula to determine the Basic Value using a standard 4" caliper replacement tree is:  

$$\text{BASIC VALUE} = \{ \text{Replacement Cost} + [\text{Basic Price} \times (\text{Trunk Area of the Appraised Tree} - \text{Trunk Area of the Replacement Tree})] \} \times \text{Species Rating}$$
  - A. Replacement Cost for a 4" caliper tree = Tree Cost (\$85 per caliper inch of the replacement tree or \$340) + Freight (15% of the \$340 tree cost or \$51) + planting cost (\$25 per caliper inch of the replacement tree or \$100) for a total replacement cost of \$491.00.
  - B. Basic Price = Replacement Tree Cost (\$85 per caliper inch or \$340) / Trunk Area of the Replacement tree (12.56 square inches) = \$27.07 per square inch.
  - C. Trunk Area of the Appraised Tree =  $0.785 (\pi/4) \times \text{diameter}^2$  (caliper size, measured 6 inches above ground, of the existing tree)
  - D. Trunk Area of the Replacement Tree =  $0.785 \times 4^2 = 12.56$  sq. in.
  - E. Species Rating = 50% for hardwoods and 30% for non-hardwoods. *The Southeastern United States Tree Species Rating Guide*, published by the International Society of Arboriculture, was used to determine the species ratings. The percent ratings were derived by averaging the species values rating of hardwoods and non-hardwoods found on GDOT right of way.
3. The Basic Values established in the table above are entered in Attachment #6 (Summary of Values Worksheet). These Basic Values will be multiplied by a 'Location Factor' and the 'Number of Trees' being removed and/or pruned to determine the overall 'Contribution Total'.
4. See **Appendix B-2** (Condition and Location table) for establishing the Location Factor.

## Appendix B-2 Condition and Location

### Location Factor

| Condition/Density               | Low Density<br>Less than 1 | Medium<br>Density<br>1 to 3 | High<br>Density<br>Over 3 |
|---------------------------------|----------------------------|-----------------------------|---------------------------|
| <b>Location<br/>Outside MPO</b> | 0.20                       | 0.10                        | 0.04                      |
| <b>Location<br/>Inside MPO</b>  | 0.33                       | 0.18                        | 0.07                      |

1. The Trunk Formula Method is used to determine the appraised value for removal and pruning of hardwood and non-hardwood trees on the right of way. The Trunk Formula Method is established in the International Society of Arboriculture publication, *Guide for Plant Appraisal*, latest edition. The Formula is:  

$$\text{CONTRIBUTION (Appraised) VALUE} = \text{Basic Value} \times \text{Condition} \times \text{Location}$$
2. **Appendix B-2:** Multiplies the Condition Rating and Location Rating, for the above formula, into one chart of six different percentages called Location Factors. To select the correct Location Factor for your Sign Viewing Zone you must:
  - A. Determine the tree Condition/Density for your site. Have your Arborist or Forester Average the number of trees (4 inches in caliper and greater) in five random 10-foot by 10-foot square plots within the Sign Viewing Zone to determine your site's Density. There are only three Density choices in the chart: Low (less than 1 tree per 100 square feet), Medium (1 to 3 trees per 100 square feet), and High (over 3 trees per 100 square feet)
  - B. Determine whether your Location is Outside an MPO (Metropolitan Planning Organization) County or Inside an MPO County. Counties with Urban areas (based on the latest census) are defined as being 'Inside a MPO'. All other Counties are considered to be 'Outside an MPO'. Counties classified as within an MPO are listed online or you may contact your District Outdoor Advertising Agent for a current list.
  - C. Match the appropriate MPO row in the chart to the appropriate Density column. This will give you the correct Location Factor for your Sign Viewing Zone.
3. Once you have determined the Location Factor above for your Sign Viewing Zone, list it in the Location Factor column in Attachment 6 (Summary of Tree Values Worksheet). It will be multiplied by the Basic Value and the number of trees removed or pruned to determine your actual removal and pruning values.
4. The numbers (Location Factors) derived in the chart above were determined as follows:
  - A. Condition Rating = A percentage based on tree health and structure. It varies by the average number of trees taken from 5 random 100 square foot plots in the Sign Viewing Zone. As more trees grow in the same area, each tree is less healthy and less structurally sound. The condition ratings were broken into three densities:
    1. Low Density (less than 1 tree per 100 square feet) = 65%
    2. Medium Density (1 to 3 trees per 100 square feet) = 50%
    3. High Density (Over 3 trees per 100 square feet) = 35%
  - B. Location Rating = A percentage based on the quality of the setting, the trees' contribution to the value of the setting, and the average number of trees in the 5 random 100 square foot plots. This variation is due to the fact that as more trees are in the same location, each individual tree has less impact on the total landscape value for the area. The Location Rating also has a direct relationship with the value and location of the land. The location ratings are:
    1. Low Density (less than 1 tree per 100 s.f.) = 50% for Inside MPO and 30% for Outside MPO.
    2. Medium Density (1 to 3 trees per 100 s.f.) = 35% for Inside MPO and 20% for Outside MPO.
    3. High Density (Over 3 trees per 100 s.f.) = 20% for Inside MPO and 10% for Outside MPO.
  - C. The Percentages in 4.A – Condition Rating are multiplied with the percentages in 4.B – Location Rating and totaled in the Appendix B-2 Chart above. The six percentages in the chart are called the 'Location Factors'.

## APPENDIX C

### SUMMARY OF FEES

*All fee payments shall be in the form of certified checks, money orders or company checks.*

**Vegetation Management Review and Permit Fee** **\$400.00**

Check #1 for the **Permit Fee** is to be paid to **The Georgia Department Of Transportation** and remitted with initial application submittal. Permit fees are non-refundable.

**Total Contribution** (See Attachment #6) **\$ (varies)**

Check #2 for the **Contributory Value** is to be paid to **The Georgia Department Of Transportation**. Check #2 is not remitted with the initial application submittal. It is remitted with final signature and final permit application package submittal. This contribution check is the amount equal to or greater than the value of all affected vegetation. There is a minimum flat fee of \$500.00 for any and all work on the Right of Way. Included in this flat fee is any and all work (pruning/removal) which affects vegetation (trees/shrubs) under 4" in diameter. The permittee's contribution will be designated to a fund for the beautification of the State Right of Way. The Contribution check is non-refundable.

**Annual Permit Renewal Fee** **\$ 50.00**

Check #3 for the **Renewal Fee** is to be paid to **The Georgia Department Of Transportation** and remitted with renewal application submittal. Renewals are for routine maintenance of areas with previous Vegetation Management activity and are restricted to chemical control of invasive plants, mowing, and trimming of vegetation less than 4 inches in diameter.

**Failure to Comply with Guidelines** **\$ (varies)**

Additional fees are to be paid to the **Georgia Department Of Transportation** for any damages incurred during the prosecution of the work and maintenance period (see section 7.04 R. 3 – page 6 and see section 9 – page 10).

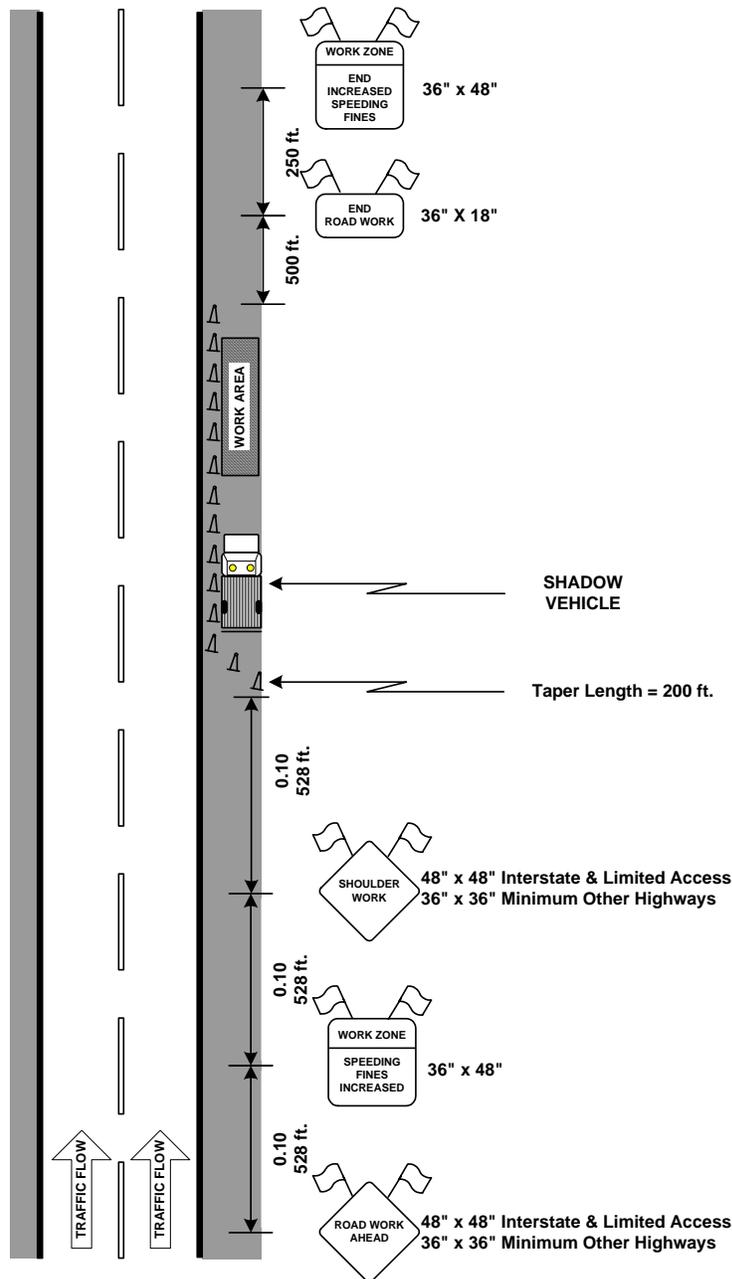
#### **Bond Requirements:**

- A Performance Bond with sureties in the amount equal to the Work and affected vegetation value (Contribution Value) or \$3,500.00 whichever is greater.
- In lieu of a performance bond, the applicant may request a Blanket Bond. It must be greater than or equal to the total cumulative Contribution Value of all active Vegetation Management Permits held by the Applicant statewide.

#### **Insurance Requirements:**

- Insurance Liabilities in the amount of \$1,000,000 per Person, \$3,000,000 per Occurrence and workers compensation insurance in the amount of \$ 500,000 each accident, \$ 500,000 each employee, and \$500,000 policy limit.

## APPENDIX D - VM ACTIVITY TRAFFIC CONTROL DIAGRAM



### Guidance:

1. All lanes should be a minimum of 10 ft in width as measured to the near face of the channelizing devices.

### Option:

2. For the work, use on low-volume, low-speed roadways with vehicular traffic that does not include longer and wider heavy commercial vehicles, a minimum lane width of 9 ft may be used.
3. Where the opposite shoulder is suitable for carrying vehicular traffic and of adequate width, lanes may be shifted by use of closely spaced channelizing devices, provided that the minimum lane width of 10 ft is maintained.
4. Additional advance warning may be appropriate, such as a ROAD NARROWS sign.
5. Temporary traffic barriers may be used along the work space.
6. The shadow vehicle may be omitted if a taper and channelizing devices are used.
7. A truck-mounted attenuator may be used on the shadow vehicle.
8. For the work, the taper and channelizing devices may be omitted if a shadow vehicle with activated high-intensity rotating, flashing, oscillating, or strobe lights is used.
9. Vehicle hazard warning signals may be used to supplement high-intensity rotating, flashing, oscillating, or strobe lights.

### Standard:

10. Vehicle hazard warning signals shall not be used instead of the vehicle's high-intensity rotating, flashing, oscillating, or strobe lights.
11. A Traffic Control Plan will be required when any work requires lane closure(s).