

**SGL 169 Understory Mowing and Hedgerow Removal Project
GENERAL SPECIFICATIONS**

I. SCOPE OF WORK:

The Pennsylvania Game Commission (PGC), Southcentral Region, requires mowing and/or removal of all woody material of 22 acres of hedgerow as per attachment 1, understory mowing and/or hand felling of 27.5 acres of bottom land as per attachment 2, and the understory mowing and removal of any none desirable trees on 30 acres as per attachment 3, on SGL 169 in Upper Mifflin Township, Cumberland County. **Total number of acres treated will be contingent on available funds. All Purchase Orders require the contractor to provide the equipment, labor, insurance, and all miscellaneous expenses to complete the operation.**

Any questions concerning the technical aspects of this contract should be directed to Eric Horsh (ehorsh@pa.gov) at 717-676-8282

II. PROJECT LOCATIONS:

The project is located on SGL 169 in Upper Mifflin Township, Cumberland County near the town of Newville and Newburg (attachment 4).

SITE INSPECTION AND ASSISTANCE:

PGC personnel will conduct an optional one-time meeting to answer any questions regarding the project on October 18, 2019 at 9:30 am. GPS Location is

40.158164 -77.504856

See attachment number 4

CONTRACT TASKS.

Line Item 1; Contractor shall mow and or hand fell all woody material from 22 acres of hedgerows. All material less than 4 inches in diameter shall be mulched. All other material shall either be mowed, or hand felled. Attachment 1.

Line Item 2; Contractor shall mow all material under 4 inches in DBH on a total of 27.5 acres. Any material unable to be mowed shall be hand felled, reserving all desirable trees (i.e. oak, hickory, hackberry and evergreens) See attachment 2.

Line Item 3; Contractor shall mow all understory on 20 acres and shall hand fell all none desirable trees. Trees to be left shall include, but not be limited to, all oaks, hickory, crab apple, hackberry and evergreen. All material under 4 inches in diameter shall be mulched. Material over 5 inches diameter can be removed for use by the contractor or shall be piled in brush piles in the existing hedgerows. See attachment 3.

III. DAMAGE TO COMMONWEALTH PROPERTY:

The contractor shall be responsible for any damage to Commonwealth property resulting from the completion of this contract. The contractor shall immediately repair, in a manner that meets with the approval of the PGC, any damage to roads and other facilities resulting from the contractor's activities, beyond what is reasonably considered normal wear and tear.

IV. PAYMENT TERMS:

Payment shall be on a reimbursement basis for actual acres correctly completed as measured by the PGC. All work shall be completed prior to March 31, 2020. **Total number of acres treated will be contingent on available funds.**

V. CONTRACT REQUIREMENTS:

- A. All work must be completed between **December 15, 2019** and the contract termination date of **March 31, 2020.**
- B. The contractor agrees to comply with all attachments. The Commission reserves the right to reject any or all bids.
- C. As a further guarantee of faithful performance of the conditions set forth in this Contract, the successful bidder hereby agrees to furnish the PA Game Commission with Cashiers or Treasurers Check, payable to "Pennsylvania Game Commission", in the amount of **10% of the total bid price prior to work beginning.**

The performance bond should be mailed or otherwise delivered to the following address:

Attn: LMGs Eric Horsh
PA Game Commission
8627 William Penn Highway
Huntingdon, PA 16652

The performance bond will be released upon satisfactory completion of the project as determined by the PGC.

- D. Failure to comply with any of the terms or conditions of the Contract may result in cancellation of the agreement and claim may be made against the surety or the security for all or part of the damages sustained by such noncompliance.
- E. Any extension of time under the Contract, or forbearance of cancellation and claim against the surety will not result in a release of the surety or the Principal from their obligations under the Contract and the surety.

VI. INSURANCE REQUIREMENTS:

- A. The contractor will provide Workmen's Compensation insurance sufficient to cover all the employees of contractor working to fulfill this contract.
- B. Comprehensive General Liability Insurance, including bodily injury and property damage insurance, to protect the Commonwealth and the contractor from claims arising out of the performance of the contract. The amount of Bodily Injury Insurance shall not be less than \$300,000.00 for injury to or death of persons per occurrence. The amount of Property Damage Insurance shall not be less than \$300,000.00 per occurrence.

HOLD HARMLESS: The contractor shall be responsible for and agrees to indemnify and hold harmless the Commonwealth from and against damages to property or injuries (including death) to any persons and other losses, damages, expenses, claims, demands, suits, and actions by any party against the Commonwealth in connection with the work performed by the contractor.

ATTACHMENT 1
Hedgerow removal
SGL 169 --- HABITAT PROJECT

1. The area to be treated will be mapped.
2. All vegetation in the treatment area shall be either mechanically mowed or felled by hand, as close to the ground as possible but no more than 4-inch stump remaining. All Mowing/Mulching equipment shall be limited to 95 horsepower and above. Any Crab Apple trees marked by the Game Commission shall remain. Any hand felled woody material may be removed by and retained by the contractor but must be removed no later than March 31, 2020.
3. Roads, road berms, ditches, culverts, and waterways must be kept clear of woody debris.
4. Heavy equipment shall not be operated when ground conditions are such that excessive soil disturbance and damage will result. The contractor may be required to repair areas that become rutted due to work.
5. The contractor shall remove all trash and garbage generated from the completion of this contract daily. This includes all materials generated from the support of felling tools and equipment, and any other items or refuse generated by the contractor's employees.
6. The contractor shall notify the LMGS Horsh three days prior to beginning the project. The contractor may work at times other than the schedule of the LMGS Horsh. The contractor may be present at the final inspection.
7. The contractor shall comply with all State Game Lands regulations.
8. The following are "Non-work days" for this project:
 - A. Between December 24, 2019 and January 1, 2020
 - B. All Saturdays of the statewide Flintlock Deer season including January 4, 11, and 18, 2020

PA Game Commission Mapping Center



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- ***** Trails
- ◆ Gate
- Ⓟ Parking Areas
- Emergency Response Point
- Game Lands
- ▭ Wildlife Management Units (WMUs)
- Game Land Roads
 - PGC Road closed to vehicle travel
 - PGC Road closed to vehicle travel
 - Public Road open to vehicle travel



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Web AppBuilder for ArcGIS

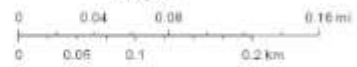
Turnpike Hedgerow Removal



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- Trails
- ◆ Gate
- Parking Areas
- Emergency Response Point
- Game Lands
- ▭ Wildlife Management Units (WMUs)
- Game Land Roads:
 - PGC Road closed to vehicle travel
 - PGC Road closed to vehicle travel
 - Public Road open to vehicle travel

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Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Attachment 2
Hassinger Tract Mowing

- 1 The area to be treated will be mapped and lies between Mountain Rd to the east, Park Hill road to the north and Three Square Hollow Run to the west and south. Also includes 2 smaller blocks south of Three Square Hollow Run along Mountain Rd.
- 2 All vegetation in the treatment area shall be either mechanically mowed (preferred) or felled by hand, as close to the ground as possible but no more than 4-inch stump remaining. All Mowing/Mulching equipment shall be limited to 95 horsepower and above. Any hand felled woody material may be removed by and retained by the contractor but must be removed no later than March 30, 2020. All Oaks, Hickory, Hackberry, Viburnum, and Dogwood will remain standing.
- 3 All materials that are hand felled and remaining on site shall be pushed into brush piles and all material less than 4 inches in DBH shall be mulched.
4. Roads, road berms, ditches, culverts, and waterways must be kept clear of woody debris.
5. Heavy equipment shall not be operated when ground conditions are such that excessive soil disturbance and damage will result. Several areas in this treatment block are wet drainage areas. Contractor shall consult with the Land Management Group Supervisor prior to working in these areas. The contractor may be required to repair areas that become rutted due to work.
6. The contractor shall remove all trash and garbage generated from the completion of this contract daily. This includes all materials generated from the support of felling tools and equipment, and any other items or refuse generated by the contractor's employees.
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8. The contractor shall comply with all State Game Lands regulations.
9. The following are "Non-work days" for this project:
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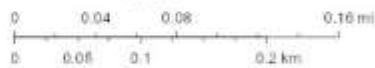
Hassinger mowing



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- Gate
- Parking Areas
- Emergency Response Point
- Game Lands
- Wildlife Management Units (WMUs)
- Game Land Roads
 - PGC Road closed to vehicle travel
 - Public Road open to vehicle travel



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Attachment 3
Officers Lane Mowing

- 4 The area to be treated will be mapped
- 5 In this treatment area all woody vegetation except for all species of oaks, hickories, crab apple and evergreen, shall be removed either through mowing/mulching or hand felling. All Mowing/Mulching equipment shall be limited to 95 horsepower and above. Any material that is to be removed by the contractor that does not fall in the previous listed 3 categories may be keep by the contractor for use any way they desire (i.e. firewood, saw logs)
- 6 All materials that are hand felled and remaining on site shall be pushed into brush piles and all material less than 4 inches in DBH shall be mulched. Any material retained by the contractor shall be removed from the site no later than March 31, 2020
4. Roads, road berms, ditches, culverts, and waterways must be kept clear of woody debris.
5. Heavy equipment shall not be operated when ground conditions are such that excessive soil disturbance and damage will result. Several areas in this treatment block are wet drainage areas. Contractor shall consult with the Land Management Group Supervisor prior to working in these areas. The contractor may be required to repair areas that become rutted due to work.
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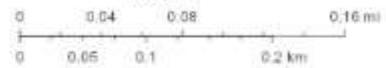
officers lane mowing



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- Trails
- ◆ Gate
- Ⓟ Parking Areas
- Emergency Response Point
- Game Lands
- Special Wildlife Areas
- ▨ Propagation Area
- ▭ Wildlife Management Units (WMUs)
- Game Land Roads
- PGC Road closed to vehicle travel
- Public Road open to vehicle travel



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

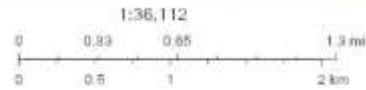
Attachment 4 Location maps

Meeting Location



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- | | |
|----------------------------|--------------------------------------|
| Trails | Special Wildlife Areas |
| ◆ Gate | ▨ Propagation Area |
| ■ Parking Areas | ▭ Wildlife Management Units (WMUs) |
| ★ Emergency Response Point | Game Land Roads |
| □ Game Lands | — PGC Road closed to vehicle travel |
| | — PGC Road closed to vehicle travel |
| | — Public Road open to vehicle travel |

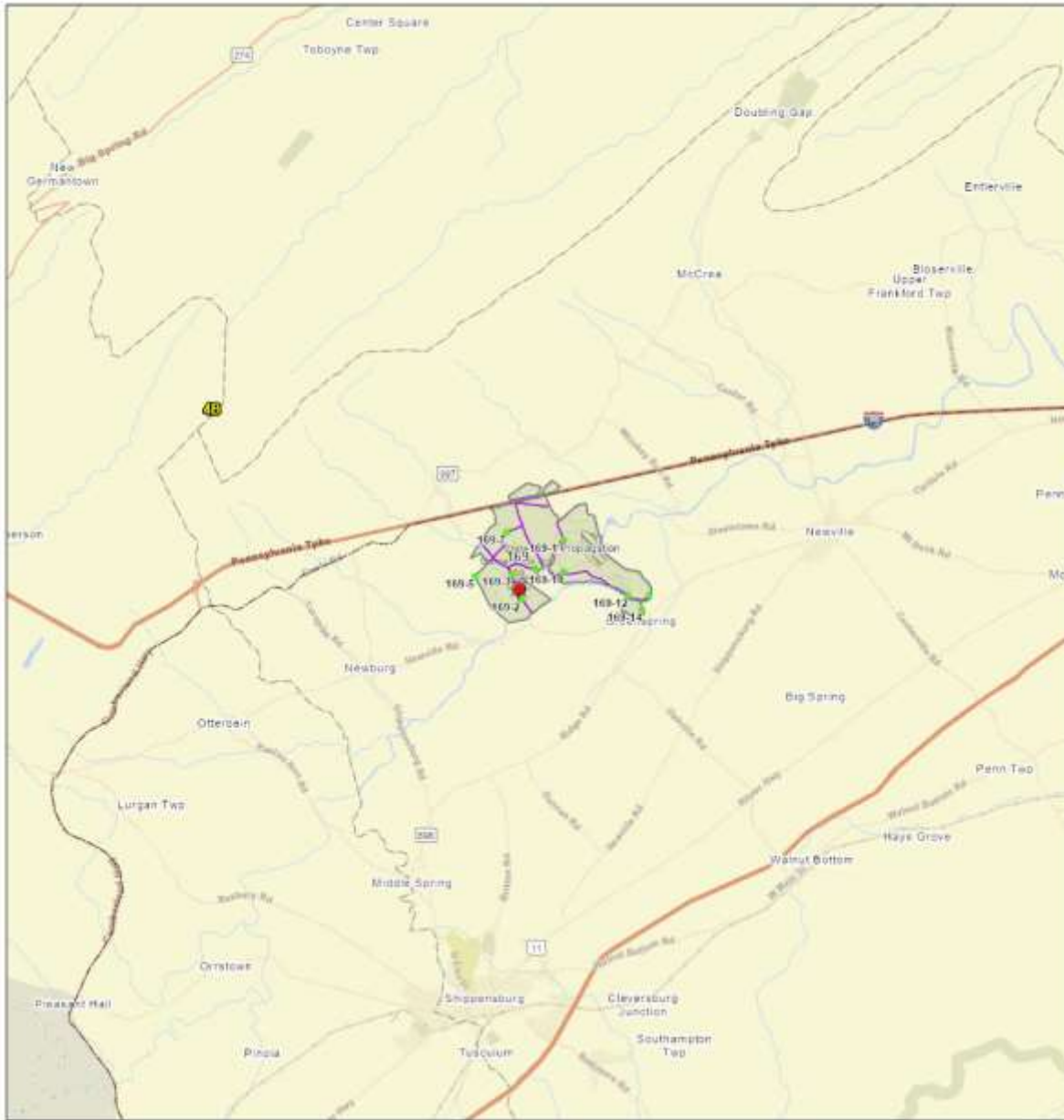


Sources: Esri, HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

Web App Builder for ArcGIS

Attachment 4 (cont.)

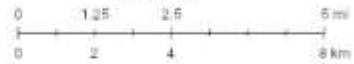
Game Lands Location



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- Emergency Response Point
- Game Lands
- Special Wildlife Areas
- Propagation Area
- Wildlife Management Units (WMUs)
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Source: Esri, HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community