

MODEL: 1400BENAMES
FILE NAME: 31115

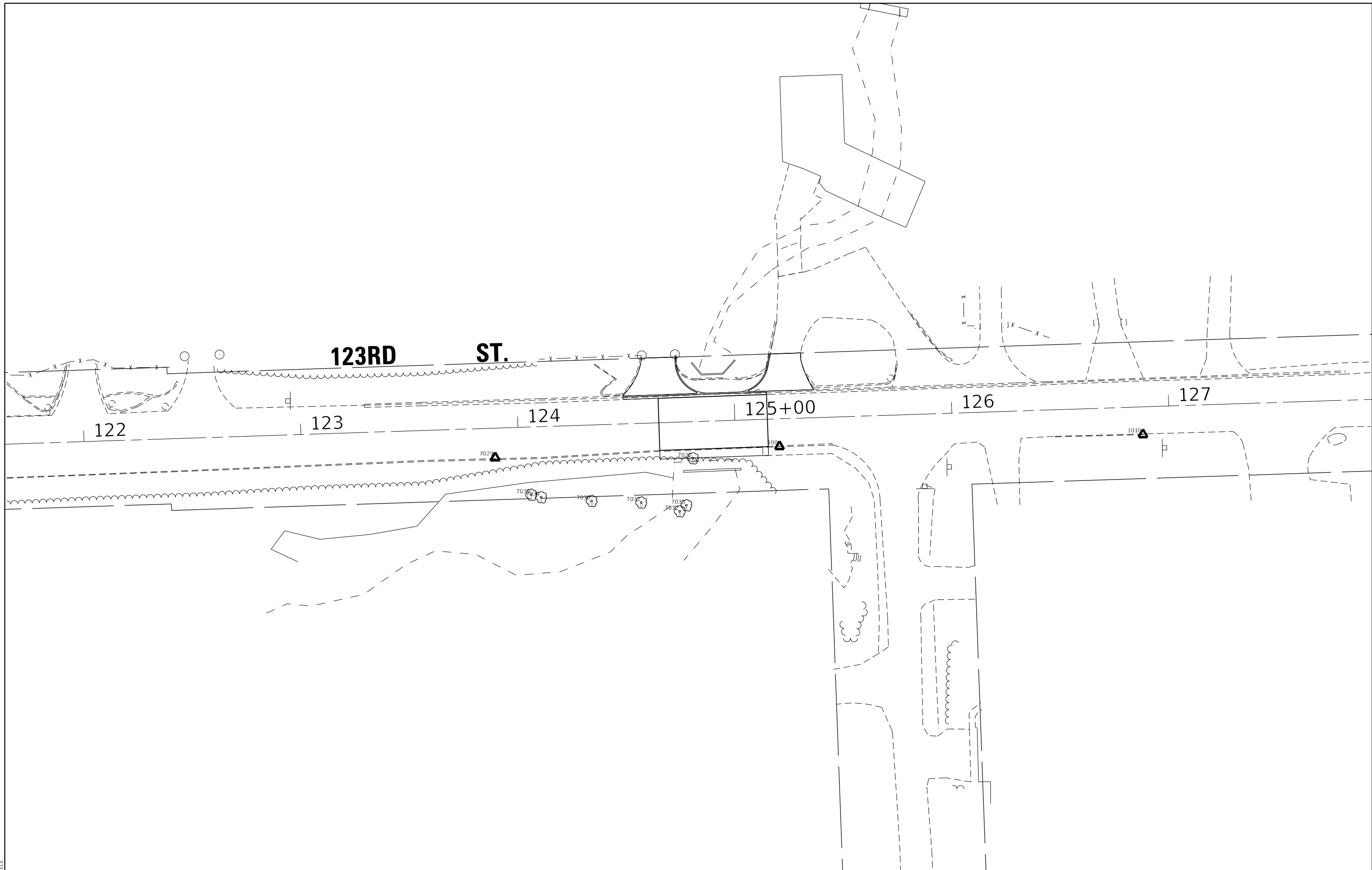
| | | | |
|---|------------------------|------------|-----------|
| AEG ATLAS ENGINEERING GROUP, LTD. | USER NAME = \$USERS | DESIGNED - | REVISED - |
| | | DRAWN - | REVISED - |
| | PLOT SCALE = \$SCALE\$ | CHECKED - | REVISED - |
| | PLOT DATE = \$DATE\$ | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**123RD STREET OVER MILL CREEK
TREE SURVEY**

SCALE: 1" = 50' SHEET 1 OF 2 SHEETS STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 1587 | FAU 1587 22 CR | COOK | 2 | 1 |
| CONTRACT NO. 62T94 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



MODEL: \$MODELNAME\$
 FILE NAME: \$FILE\$

| | | | |
|--|------------------------|------------|-----------|
| AEG ATLAS ENGINEERING GROUP, LTD. | USER NAME = \$USERS | DESIGNED - | REVISED - |
| | PLOT SCALE = \$SCALE\$ | DRAWN - | REVISED - |
| | PLOT DATE = \$DATE\$ | CHECKED - | REVISED - |
| | | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

123RD STREET OVER MILL CREEK
TREE SURVEY

SCALE: 1" = 50' SHEET 2 OF 2 SHEETS STA. TO STA.

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1587 | FAU 1587 22 CR | COOK | 2 | 2 |
| CONTRACT NO. 62T94 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

| Tag Number | Species-Common Name | Species-Scientific Name | DBH, In | Condition | Notes | Shot Number | N | E | Elev | Shot Code | Station | Offset | LT/RT |
|------------|---------------------|-----------------------------|---------|-----------|------------|-------------|-------------|-------------|---------|--------------|---------|--------|-------|
| | | | | | | 100 | 1821630.934 | 1117963.972 | 651.339 | 112--SETX | 125+20 | 12.7 | RT |
| | | | | | | 1010 | 1821636.422 | 1118131.445 | 655.381 | 112--SETX | 126+88 | 12.7 | RT |
| | | | | | | 2057 | 1821627.928 | 1117075.114 | 662.609 | 112--SETX | 116+32 | 13.4 | LT |
| | | | | | | 2058 | 1821621.483 | 1116898.856 | 662.276 | 112--SETX | 114+55 | 12.7 | LT |
| | | | | | | 7000 | 1821598.758 | 1117122.919 | 664.861 | 112--SETNAIL | 116+79 | 17.3 | RT |
| 1 | Sugar Maple | <i>Accer saccharum</i> | 6.5 | Average | | 7001 | 1821569.588 | 1117134.963 | 671.847 | 405--6 | 116+90 | 46.8 | RT |
| 2 | Pin Oak | <i>Quercus palustris</i> | 15 | Average | | 7002 | 1821567.313 | 1117135.825 | 672.074 | 405--16 | 116+90 | 49.1 | RT |
| 3 | American Basswood | <i>Tilia americana</i> | 6 | Average | Multi-stem | 7003 | 1821581.495 | 1117131.148 | 670.278 | 405--6 | 116+86 | 34.8 | RT |
| 4 | Sugar Maple | <i>Accer saccharum</i> | 7.5 | Average | | 7004 | 1821564.637 | 1117117.875 | 670.425 | 405--8 | 116+72 | 51.2 | RT |
| 5 | Sugar Maple | <i>Accer saccharum</i> | 12 | Average | | 7005 | 1821572.265 | 1117114.511 | 668.621 | 405--12 | 116+69 | 43.5 | RT |
| 6 | Sugar Maple | <i>Accer saccharum</i> | 12.5 | Average | | 7006 | 1821576.491 | 1117111.067 | 665.725 | 405--13 | 116+66 | 39.2 | RT |
| 7 | Sugar Maple | <i>Accer saccharum</i> | 7 | Average | | 7007 | 1821568.23 | 1117107.56 | 665.941 | 405--8 | 116+62 | 47.3 | RT |
| 8 | Black Walnut | <i>Juglans nigra</i> | 16 | Average | | 7008 | 1821569.759 | 1117069.636 | 656.877 | 405--16 | 116+24 | 44.5 | RT |
| 9 | Slippery Elm | <i>Ulmus rubra</i> | 7.5 | Average | | 7009 | 1821578.193 | 1117082.984 | 659.306 | 405--6 | 116+38 | 36.5 | RT |
| 10 | Ash-Leaf Maple | <i>Acer negundo</i> | 5 | Average | | 7010 | 1821579.763 | 1117066.403 | 658.008 | 405--6 | 116+21 | 34.4 | RT |
| 11 | Southern Catalpa | <i>Catalpa bignonioides</i> | 10 | Average | | 7011 | 1821586.096 | 1117057.436 | 657.418 | 405--13 | 116+13 | 27.8 | RT |
| | | | | | | 7012 | 1821594.138 | 1116976.447 | 661.335 | SETNL | 115+32 | 17.1 | RT |
| 13 | Slippery Elm | <i>Ulmus rubra</i> | 7 | Average | | 7013 | 1821581.115 | 1117021.732 | 660.907 | 405--6 | 115+77 | 31.6 | RT |
| 14 | Southern Catalpa | <i>Catalpa bignonioides</i> | 7 | Average | | 7014 | 1821577.059 | 1116987.066 | 657.487 | 405--8 | 115+42 | 34.5 | RT |
| 15 | Ash-Leaf Maple | <i>Acer negundo</i> | 8.5 | Average | | 7015 | 1821578.878 | 1116982.45 | 658.216 | 405--9 | 115+37 | 32.6 | RT |
| 16 | Unvegetated | | 10 | Dead | | 7016 | 1821572.883 | 1116979.8 | 655.703 | 405--10 | 115+35 | 38.5 | RT |
| 17 | Unvegetated | | 5.5 | Dead | | 7017 | 1821570.166 | 1116979.786 | 655.34 | 405--6 | 115+35 | 41.2 | RT |
| 18-21 | American Basswood | <i>Tilia americana</i> | 11.5 | Average | Multi-stem | 7018 | 1821566.854 | 1116965.98 | 655.808 | 405--10 | 115+21 | 44.0 | RT |
| | | | | | | 7019 | 1821564.991 | 1116968.75 | 655.555 | 405--13 | 115+23 | 46.0 | RT |
| | | | | | | 7020 | 1821565.387 | 1116966.209 | 655.78 | 405--6 | 115+21 | 45.5 | RT |
| | | | | | | 7021 | 1821562.938 | 1116966.128 | 656.541 | 405--10 | 115+21 | 48.0 | RT |
| 22 | Black Walnut | <i>Juglans nigra</i> | 12.5 | Average | | 7022 | 1821566.579 | 1116960.462 | 656.646 | 405--13 | 115+15 | 44.1 | RT |
| 23 | Burr Oak | <i>Quercus macrocarpa</i> | 23 | Average | | 7023 | 1821565.84 | 1116946.304 | 658.254 | 405--24 | 115+01 | 44.4 | RT |
| 24 | Slippery Elm | <i>Ulmus rubra</i> | 11 | Poor | | 7024 | 1821569.524 | 1116928.801 | 657.883 | 405--12 | 114+84 | 40.1 | RT |
| 25 | Slippery Elm | <i>Ulmus rubra</i> | 18.5 | Average | | 7025 | 1821563.634 | 1116915.436 | 657.612 | 405--19 | 114+70 | 45.6 | RT |
| 26 | Black Walnut | <i>Juglans nigra</i> | 23 | Average | | 7026 | 1821554.215 | 1116894.261 | 658.015 | 405--26 | 114+49 | 54.3 | RT |
| 27 | Black Walnut | <i>Juglans nigra</i> | 21.5 | Average | | 7027 | 1821555.612 | 1116885.674 | 658.532 | 405--19 | 114+40 | 52.6 | RT |
| 28 | Black Walnut | <i>Juglans nigra</i> | 20.5 | Average | | 7028 | 1821558.753 | 1116867.149 | 660.51 | 405--23 | 114+22 | 48.9 | RT |
| | | | | | | 7029 | 1821625.783 | 1117832.982 | 653.058 | SETMAG | 123+89 | 13.6 | RT |
| 30 | Glossy Buckthorn | <i>Frangula alnus</i> | 2.5 | Average | Multi-stem | 7030 | 1821605.784 | 1117877.384 | 646.39 | 405--12 | 124+33 | 35.0 | RT |
| 31 | Slippery Elm | <i>Ulmus rubra</i> | 10 | Average | | 7031 | 1821605.049 | 1117900.255 | 646.05 | 405--11 | 124+56 | 36.5 | RT |
| 32 | Black Walnut | <i>Juglans nigra</i> | 7.5 | Average | | 7032 | 1821601.058 | 1117917.971 | 646.278 | 405--9 | 124+73 | 41.1 | RT |
| 33 | Slippery Elm | <i>Ulmus rubra</i> | 6 | Average | | 7033 | 1821603.79 | 1117921.052 | 646.277 | 405--6 | 124+76 | 38.4 | RT |
| 34 | Southern Catalpa | <i>Catalpa bignonioides</i> | 5 | Poor | | 7034 | 1821607.509 | 1117854.133 | 646.955 | 405--6 | 124+10 | 32.5 | RT |
| 35 | Southern Catalpa | <i>Catalpa bignonioides</i> | 7 | Poor | | 7035 | 1821608.65 | 1117849.591 | 647.374 | 405--7 | 124+05 | 31.2 | RT |
| 36 | Southern Catalpa | <i>Catalpa bignonioides</i> | 7.5 | Average | | 7036 | 1821625.433 | 1117924.027 | 640 | 405--10 | 124+80 | 16.9 | RT |



Tree Mitigation Review Form

| | |
|---|---|
| Applicant Name Melody Schultz | Internal Project Number (if applicable) 210069.43 |
| Project Name ILDOT 123rd over WB Mill Creek-WO9 | |

| | | | | | | |
|--|---|-----------|---|---------------------|-----------|----------------------|
| Live Trees <small>Complete using Table A</small> | 1a Total number of trees w/ multiplier of 1 / C =>5 | 1a | 9 | b Value..... | 1b | \$ 167,992.77 |
| | 2a Total number of trees w/ multiplier of .75 / C=2-4 | 2a | 9 | b Value..... | 2b | \$ 47,242.20 |
| | 3a Total number of trees w/ multiplier of .50 / C=0-1 | 3a | 2 | b Value..... | 3b | \$ 2,721.40 |
| | 4a Total number of trees w/ multiplier of .20 / NN | 4a | 2 | b Value..... | 4b | \$ 1,822.42 |
| | 5 Add lines 1b through 4b. This is your total fee for live trees. | 5 | | | | \$ 219,778.79 |

| | | | | | | |
|---|--|-----------|---|---------------------|--------------------|-------------|
| Dead Trees <small>Complete using Table B</small> | 6a Total number of trees w/ multiplier of 1 / C =>5 | 6a | 1 | b Value..... | 6b | \$ 6,115.50 |
| | 7a Total number of trees w/ multiplier of .75 / C=2-4 | 7a | 1 | b Value..... | 7b | \$ 1,146.65 |
| | 8a Total number of trees w/ multiplier of .50 / C=0-1 | 8a | 0 | b Value..... | 8b | \$ - |
| | 9a Total number of trees w/ multiplier of .20 / NN | 9a | 0 | b Value..... | 9b | \$ - |
| | 10 Add lines 6b through 9b. | 10 | | | | \$ 7,262.15 |
| 11 Multiply line 10 by 0.50. This is your total fee for dead trees. | 11 | | | | \$ 3,631.08 | |

| | | | | | | |
|---|---|------------|-----|---------------------|------------|--------------------|
| Coarse Woody Debris <small>Complete using Table C</small> | 12a Total length of plots with low concentration / 10-49% | 12a | 330 | b Value..... | 12b | \$ 9,933.91 |
| | 13a Total length of plots with high concentration / ≥50% | 13a | 0 | b Value..... | 13b | \$ - |
| | 14a Total length of plots with N/A concentration / <10% | 14a | 0 | b Value..... | 14b | \$ - |
| | 15 Add lines 12b through 14b. This is your total fee for coarse woody debris. | 15 | | | | \$ 9,933.91 |

| | | | | | |
|----------------------------------|---|-----------|--|--|----------------------|
| Total Tree Mitigation Fee | 16 Add lines 5, 11, and 16. This is your total tree mitigation fee. | 16 | | | \$ 233,343.78 |
|----------------------------------|---|-----------|--|--|----------------------|

| | | |
|----------------------------|--|--------------------------|
| Required Enclosures | Tree Survey maps and GIS data | <input type="checkbox"/> |
| | Table A: Tree Valuation Matrix for Live Trees | <input type="checkbox"/> |
| | Table B: Tree Valuation Matrix for Dead Trees | <input type="checkbox"/> |
| | Table C: Tree Valuation Matrix for Coarse Woody Debris | <input type="checkbox"/> |

The following attachments are required as part of your application.



Table A: Tree Valuation Matrix for Live Trees

Instructions: Complete the highlighted column for every live tree surveyed/inventoried. Indicate species and location from the dropdown menus, where indicated. Click the "Add New Row" button at the bottom of the table for additional lines. Delete any unused entry rows showing #REF! or #N/A errors.

| OBJECTID * | STARTING DIAMETER (DBH) | MULTI-STEM? (yes or no) | SPECIES (select from dropdown) | YEAR SCHEDULED TO BE REMOVED | ANTICIPATED GROWTH | YEARS UNTIL REMOVAL | TOTAL DIAMETER | RADIUS | RADIUS SQ | PI | BASIC VALUE PER INCH CROSS SECTION | MAX TREE VALUE | LOCATION (select from dropdown) | LOCATION/C ONDITION MULTIPLIER | ADJUSTED BASE TREE VALUE | Native Index value of 5 or greater | Total \$ for trees w/ multiplier of 1 | Native Index value of 2 to 4 | Total \$ for trees w/ multiplier of .75 | Native Index value of 1 or 0 | Total \$ for trees w/ multiplier of .50 | Non-native trees | Total \$ for trees w/ multiplier of .20 |
|------------|-------------------------|-------------------------|--------------------------------|------------------------------|--------------------|---------------------|----------------|--------|-----------|------|------------------------------------|----------------|---------------------------------|--------------------------------|--------------------------|------------------------------------|---------------------------------------|------------------------------|---|------------------------------|---|------------------|---|
| 2012 | 7 | no | Acer saccharum | 2024 | 0 | 1 | 7 | 3.50 | 12.25 | 3.14 | 133.17 | 5122.38 | General | 0.585 | 2996.59 | 0 | \$ - | 0.75 | \$ 2,247.44 | 0 | \$ - | 0 | \$ - |
| 2013 | 15 | no | Quercus palustris | 2024 | 0.166 | 1 | 15 | 7.50 | 56.25 | 3.14 | 133.17 | 23521.15 | General | 0.585 | 13759.87 | 1 | \$ 13,759.87 | 0 | \$ - | 0 | \$ - | 0 | \$ - |
| 2014 | 6 | yes | Tilia americana | 2024 | 0.192 | 1 | 6 | 3.00 | 9.00 | 3.14 | 133.17 | 3763.38 | General | 0.585 | 2201.58 | 1 | \$ 2,201.58 | 0 | \$ - | 0 | \$ - | 0 | \$ - |
| 2015 | 7 | no | Acer saccharum | 2024 | 0.138 | 1 | 7 | 3.50 | 12.25 | 3.14 | 133.17 | 5122.38 | General | 0.585 | 2996.59 | 0 | \$ - | 0.75 | \$ 2,247.44 | 0 | \$ - | 0 | \$ - |
| 2016 | 12 | no | Acer saccharum | 2024 | 0.138 | 1 | 12 | 6.00 | 36.00 | 3.14 | 133.17 | 15053.54 | General | 0.585 | 8806.32 | 0 | \$ - | 0.75 | \$ 6,604.74 | 0 | \$ - | 0 | \$ - |
| 2017 | 12 | no | Acer saccharum | 2024 | 0.138 | 1 | 12 | 6.00 | 36.00 | 3.14 | 133.17 | 15053.54 | General | 0.585 | 8806.32 | 0 | \$ - | 0.75 | \$ 6,604.74 | 0 | \$ - | 0 | \$ - |
| 2018 | 7 | no | Acer saccharum | 2024 | 0.138 | 1 | 7 | 3.50 | 12.25 | 3.14 | 133.17 | 5122.38 | General | 0.585 | 2996.59 | 0 | \$ - | 0.75 | \$ 2,247.44 | 0 | \$ - | 0 | \$ - |
| 2019 | 8 | no | Ulmus rubra | 2024 | 0.17 | 1 | 8 | 4.00 | 16.00 | 3.14 | 133.17 | 6690.46 | General | 0.585 | 3913.92 | 0 | \$ - | 0.75 | \$ 2,935.44 | 0 | \$ - | 0 | \$ - |
| 2020 | 16 | no | Juglans nigra | 2024 | 0.132 | 1 | 16 | 8.00 | 64.00 | 3.14 | 133.17 | 26761.84 | General | 0.585 | 15655.68 | 1 | \$ 15,655.68 | 0 | \$ - | 0 | \$ - | 0 | \$ - |
| 2021 | 5 | no | Acer negundo | 2024 | 0.131 | 1 | 5 | 2.50 | 6.25 | 3.14 | 133.17 | 2613.46 | General | 0.585 | 1528.87 | 0 | \$ - | 0 | \$ - | 0.5 | \$ 764.44 | 0 | \$ - |
| 2022 | 10 | no | Catalpa speciosa | 2024 | 0.131 | 1 | 10 | 5.00 | 25.00 | 3.14 | 133.17 | 10453.85 | General | 0.585 | 6115.50 | 0 | \$ - | 0 | \$ - | 0 | \$ - | 0.2 | \$ 1,223.10 |
| 2023 | 7 | no | Ulmus rubra | 2024 | 0.17 | 1 | 7 | 3.50 | 12.25 | 3.14 | 133.17 | 5122.38 | General | 0.585 | 2996.59 | 0 | \$ - | 0.75 | \$ 2,247.44 | 0 | \$ - | 0 | \$ - |
| 2024 | 7 | no | Catalpa speciosa | 2024 | 0.131 | 1 | 7 | 3.50 | 12.25 | 3.14 | 133.17 | 5122.38 | General | 0.585 | 2996.59 | 0 | \$ - | 0 | \$ - | 0 | \$ - | 0.2 | \$ 599.32 |
| 2025 | 8 | no | Acer negundo | 2024 | 0.131 | 1 | 8 | 4.00 | 16.00 | 3.14 | 133.17 | 6690.46 | General | 0.585 | 3913.92 | 0 | \$ - | 0 | \$ - | 0.5 | \$ 1,956.96 | 0 | \$ - |
| 2028 | 12 | yes | Tilia americana | 2024 | 0.192 | 1 | 12 | 6.00 | 36.00 | 3.14 | 133.17 | 15053.54 | General | 0.585 | 8806.32 | 1 | \$ 8,806.32 | 0 | \$ - | 0 | \$ - | 0 | \$ - |
| 2029 | 12 | no | Juglans nigra | 2024 | 0.132 | 1 | 12 | 6.00 | 36.00 | 3.14 | 133.17 | 15053.54 | General | 0.585 | 8806.32 | 1 | \$ 8,806.32 | 0 | \$ - | 0 | \$ - | 0 | \$ - |
| 2030 | 23 | no | Quercus macrocarpa | 2024 | 0.13 | 1 | 23 | 11.50 | 132.25 | 3.14 | 133.17 | 55300.84 | General | 0.585 | 32350.99 | 1 | \$ 32,350.99 | 0 | \$ - | 0 | \$ - | 0 | \$ - |
| 2031 | 11 | no | Ulmus rubra | 2024 | 0.17 | 1 | 11 | 5.50 | 30.25 | 3.14 | 133.17 | 12649.15 | General | 0.585 | 7399.75 | 0 | \$ - | 0.75 | \$ 5,549.81 | 0 | \$ - | 0 | \$ - |
| 2032 | 19 | no | Ulmus rubra | 2024 | 0.17 | 1 | 19 | 9.50 | 90.25 | 3.14 | 133.17 | 37738.38 | General | 0.585 | 22076.95 | 0 | \$ - | 0.75 | \$ 16,557.71 | 0 | \$ - | 0 | \$ - |
| 2033 | 23 | no | Juglans nigra | 2024 | 0.132 | 1 | 23 | 11.50 | 132.25 | 3.14 | 133.17 | 55300.84 | General | 0.585 | 32350.99 | 1 | \$ 32,350.99 | 0 | \$ - | 0 | \$ - | 0 | \$ - |
| 2034 | 22 | no | Juglans nigra | 2024 | 0.132 | 1 | 22 | 11.00 | 121.00 | 3.14 | 133.17 | 50596.61 | General | 0.585 | 29599.02 | 1 | \$ 29,599.02 | 0 | \$ - | 0 | \$ - | 0 | \$ - |
| 2035 | 20 | no | Juglans nigra | 2024 | 0.132 | 1 | 20 | 10.00 | 100.00 | 3.14 | 133.17 | 41815.38 | General | 0.585 | 24462.00 | 1 | \$ 24,462.00 | 0 | \$ - | 0 | \$ - | 0 | \$ - |

Add New Row

| Box 1a | Box 1b | Box 2a | Box 2b | Box 3a | Box 3b | Box 4a | Box 4b |
|-------------------------------------|---------------------------------------|---------------------------------------|---|--------------------------------------|---|--------------------------------------|---|
| Total # of trees w/ multiplier of 1 | Total \$ for trees w/ multiplier of 1 | Total # of trees w/ multiplier of .75 | Total \$ for trees w/ multiplier of .75 | Total # of trees w/ multiplier of .5 | Total \$ for trees w/ multiplier of .50 | Total # of trees w/ multiplier of .2 | Total \$ for trees w/ multiplier of .20 |
| 9 | \$ 167,992.77 | 9 | \$ 47,242.20 | 2 | \$ 2,721.40 | 2 | \$ 1,822.42 |

TOTAL LIVE TREES:
22

TOTAL MITIGATION (LIVE TREES):
\$219,778.79

Box 5



Table B: Tree Valuation Matrix for Dead Trees

Instructions: Complete the highlighted column for every standing or leaning dead tree surveyed/inventoried. The live value of each tree will be initially calculated, and subsequently reduced by the appropriate factor. Indicate species and location from the dropdown menus, where indicated. Click the "Add New Row" button at the bottom of the table for additional lines. Delete any unused entry rows showing #REF! or #N/A errors.

| STEP 1: LIVE VALUE | | | | | | | | | | | | | | | | | | | |
|--------------------|-------------------------|-------------------------|--------------------------------|--------|-----------|------|------------------------------------|----------------|---------------------------------|--------------------------------|--------------------------|------------------------------------|---------------------------------------|------------------------------|---|------------------------------|---|------------------|---|
| OBJECTID * | STARTING DIAMETER (DBH) | MULTI-STEM? (yes or no) | SPECIES (select from dropdown) | RADIUS | RADIUS SQ | PI | BASIC VALUE PER INCH CROSS SECTION | MAX TREE VALUE | LOCATION (select from dropdown) | LOCATION/C ONDITION MULTIPLIER | ADJUSTED BASE TREE VALUE | Native Index value of 5 or greater | Total \$ for trees w/ multiplier of 1 | Native Index value of 2 to 4 | Total \$ for trees w/ multiplier of .75 | Native Index value of 1 or 0 | Total \$ for trees w/ multiplier of .50 | Non-native trees | Total \$ for trees w/ multiplier of .20 |
| 2026 | 10 | no | Tilia americana | 5.00 | 25.00 | 3.14 | 133.17 | 10453.85 | General | 0.585 | 6115.50 | 1 | \$ 6,115.50 | 0 | \$ - | 0 | \$ - | 0 | \$ - |
| 2027 | 5 | no | Ulmus americana | 2.50 | 6.25 | 3.14 | 133.17 | 2613.46 | General | 0.585 | 1528.87 | 0 | \$ - | 0.75 | \$ 1,146.65 | 0 | \$ - | 0 | \$ - |

Add New Row

| Box 6a | Box 6b | Box 7a | Box 7b | Box 8a | Box 8b | Box 9a | Box 9b |
|-------------------------------------|---------------------------------------|---------------------------------------|---|--------------------------------------|---|--------------------------------------|---|
| Total # of trees w/ multiplier of 1 | Total \$ for trees w/ multiplier of 1 | Total # of trees w/ multiplier of .75 | Total \$ for trees w/ multiplier of .75 | Total # of trees w/ multiplier of .5 | Total \$ for trees w/ multiplier of .50 | Total # of trees w/ multiplier of .2 | Total \$ for trees w/ multiplier of .20 |
| 1 | \$ 6,115.50 | 1 | \$ 1,146.65 | 0 | \$ - | 0 | \$ - |

TOTAL DEAD TREES:
2

TOTAL LIVE VALUE OF DEAD TREES:
\$7,262.15

Box 10

Live Value x (0.50) =

STEP 2:
TOTAL MITIGATION (DEAD TREES):
\$3,631.08

Box 11



Table C: Tree Valuation Matrix for Coarse Woody Debris

Instructions: Complete a section for each survey plot across the length of the project area, assigning a debris concentration based on the criteria detailed in the Tree Mitigation Plan. The value of coarse woody debris for each plot will be calculated. The total combined length of all plots should match the project area length listed on the applicant's land use request.

| 1 | PLOT ID | PLOT LENGTH (500 ft. max) | PLOT WIDTH (FT) | SQ FT | ACRES | DEBRIS CONCENTRATION (select from dropdown) | VALUE PER ACRE |
|----------------------------------|---------|------------------------------|--------------------|-------|---------|--|----------------------|
| | | 330 | 50 | 16500 | 0.37879 | Low/Moderate (10% - 49%) | \$ 26,225.38 |
| TOTAL MITIGATION FOR PLOT | | | | | | | 0 \$ 9,933.91 |

| 2 | PLOT ID | PLOT LENGTH (500 ft. max) | PLOT WIDTH (FT) | SQ FT | ACRES | DEBRIS CONCENTRATION (select from dropdown) | VALUE PER ACRE |
|----------------------------------|---------|------------------------------|--------------------|-------|---------|--|-------------------|
| | | 0 | 0 | 0 | 0.00000 | - | \$ - |
| TOTAL MITIGATION FOR PLOT | | | | | | | 0 \$ - |

| 3 | PLOT ID | PLOT LENGTH (500 ft. max) | PLOT WIDTH (FT) | SQ FT | ACRES | DEBRIS CONCENTRATION (select from dropdown) | VALUE PER ACRE |
|----------------------------------|---------|------------------------------|--------------------|-------|---------|--|-------------------|
| | | 0 | | 0 | 0.00000 | - | \$ - |
| TOTAL MITIGATION FOR PLOT | | | | | | | 0 \$ - |

| 4 | PLOT ID | PLOT LENGTH (500 ft. max) | PLOT WIDTH (FT) | SQ FT | ACRES | DEBRIS CONCENTRATION (select from dropdown) | VALUE PER ACRE |
|----------------------------------|---------|------------------------------|--------------------|-------|---------|--|-------------------|
| | | 0 | 0 | 0 | 0.00000 | - | \$ - |
| TOTAL MITIGATION FOR PLOT | | | | | | | 0 \$ - |

| 5 | PLOT ID | PLOT LENGTH (500 ft. max) | PLOT WIDTH (FT) | SQ FT | ACRES | DEBRIS CONCENTRATION (select from dropdown) | VALUE PER ACRE |
|----------------------------------|---------|------------------------------|--------------------|-------|---------|--|-------------------|
| | | 0 | 0 | 0 | 0.00000 | - | \$ - |
| TOTAL MITIGATION FOR PLOT | | | | | | | 0 \$ - |

| 6 | PLOT ID | PLOT LENGTH (500 ft. max) | PLOT WIDTH (FT) | SQ FT | ACRES | DEBRIS CONCENTRATION (select from dropdown) | VALUE PER ACRE |
|----------------------------------|---------|------------------------------|--------------------|-------|---------|--|-------------------|
| | | 0 | 0 | 0 | 0.00000 | - | \$ - |
| TOTAL MITIGATION FOR PLOT | | | | | | | 0 \$ - |

| 7 | PLOT ID | PLOT LENGTH (500 ft. max) | PLOT WIDTH (FT) | SQ FT | ACRES | DEBRIS CONCENTRATION (select from dropdown) | VALUE PER ACRE |
|----------------------------------|---------|------------------------------|--------------------|-------|---------|--|-------------------|
| | | 0 | 0 | 0 | 0.00000 | - | \$ - |
| TOTAL MITIGATION FOR PLOT | | | | | | | 0 \$ - |

| 8 | PLOT ID | PLOT LENGTH (500 ft. max) | PLOT WIDTH (FT) | SQ FT | ACRES | DEBRIS CONCENTRATION (select from dropdown) | VALUE PER ACRE |
|----------------------------------|---------|------------------------------|--------------------|-------|---------|--|-------------------|
| | | 0 | 0 | 0 | 0.00000 | - | \$ - |
| TOTAL MITIGATION FOR PLOT | | | | | | | 0 \$ - |

TOTAL VALUE OF COARSE WOODY DEBRIS:

\$9,933.91

TOTAL COMBINED LENGTH OF ALL PLOTS:

330 Feet

Box 15

| Box 12a Total length of plots with low/moderate debris concentration | Box 12b Total \$ for plots with low/moderate debris concentration | Box 13a Total length of plots with heavy debris concentration | Box 13b Total \$ for plots with heavy debris concentration | Box 14a Total length of plots with N/A debris concentration | Box 14b Total \$ for plots with N/A debris concentration |
|---|--|---|--|---|---|
| 330 | \$ 9,933.91 | 0 | \$ - | 0 | \$ - |