

GENERAL LOCATION OF CONTRACT

PREPARED BY
THE CONSULTING FIRM OF

STREETSCAPES, INC.
212 CANAL STREET
GRASONVILLE, MD 21638
410-827-6316

RECOMMENDED _____ DATE _____

RECOMMENDED

SQUAD MANAGER, CONSTRUCTION _____ DATE _____

GROUP ENGINEER, CONSTRUCTION _____ DATE _____

ASSISTANT DIRECTOR, TRANSPORTATION SOLUTIONS (CONSTRUCTION) _____ DATE _____

RECOMMENDED

STORMWATER ENGINEER _____

DATE _____ SEAL _____

RECOMMENDED

SQUAD MANAGER, TRANSPORTATION SOLUTIONS (PROJECT DEVELOPMENT OR BRIDGE DESIGN) _____

DATE _____ SEAL _____

RECOMMENDED

BRIDGE DESIGN ENGINEER _____

DATE _____ SEAL _____

RECOMMENDED

GROUP ENGINEER, PROJECT DEVELOPMENT _____

DATE _____ SEAL _____

RECOMMENDED

ASSISTANT DIRECTOR, TRANSPORTATION SOLUTIONS _____

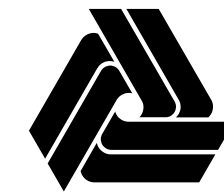
DATE _____ SEAL _____

APPROVED

CHIEF ENGINEER _____

DATE _____ SEAL _____

**THE STATE OF DELAWARE
DEPARTMENT OF TRANSPORTATION**

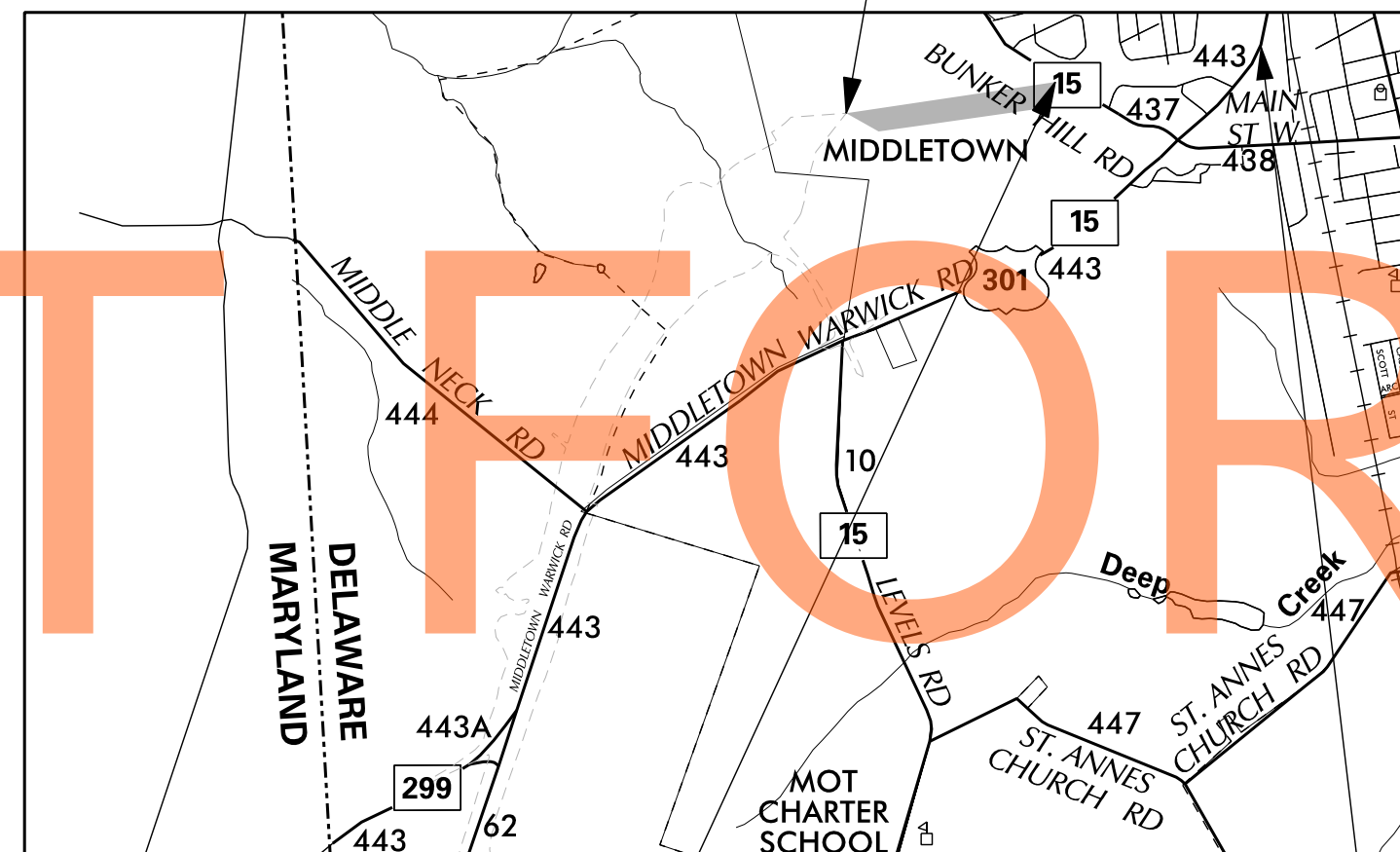


**US 301
LANDSCAPING
PHASE 1**

CONSTRUCTION CONTRACT NUMBER: **T201511301**
FEDERAL AID PROJECT NUMBER: **NH-2016(23)**

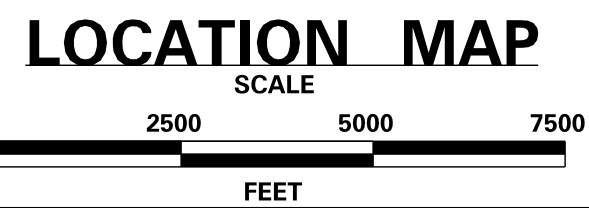
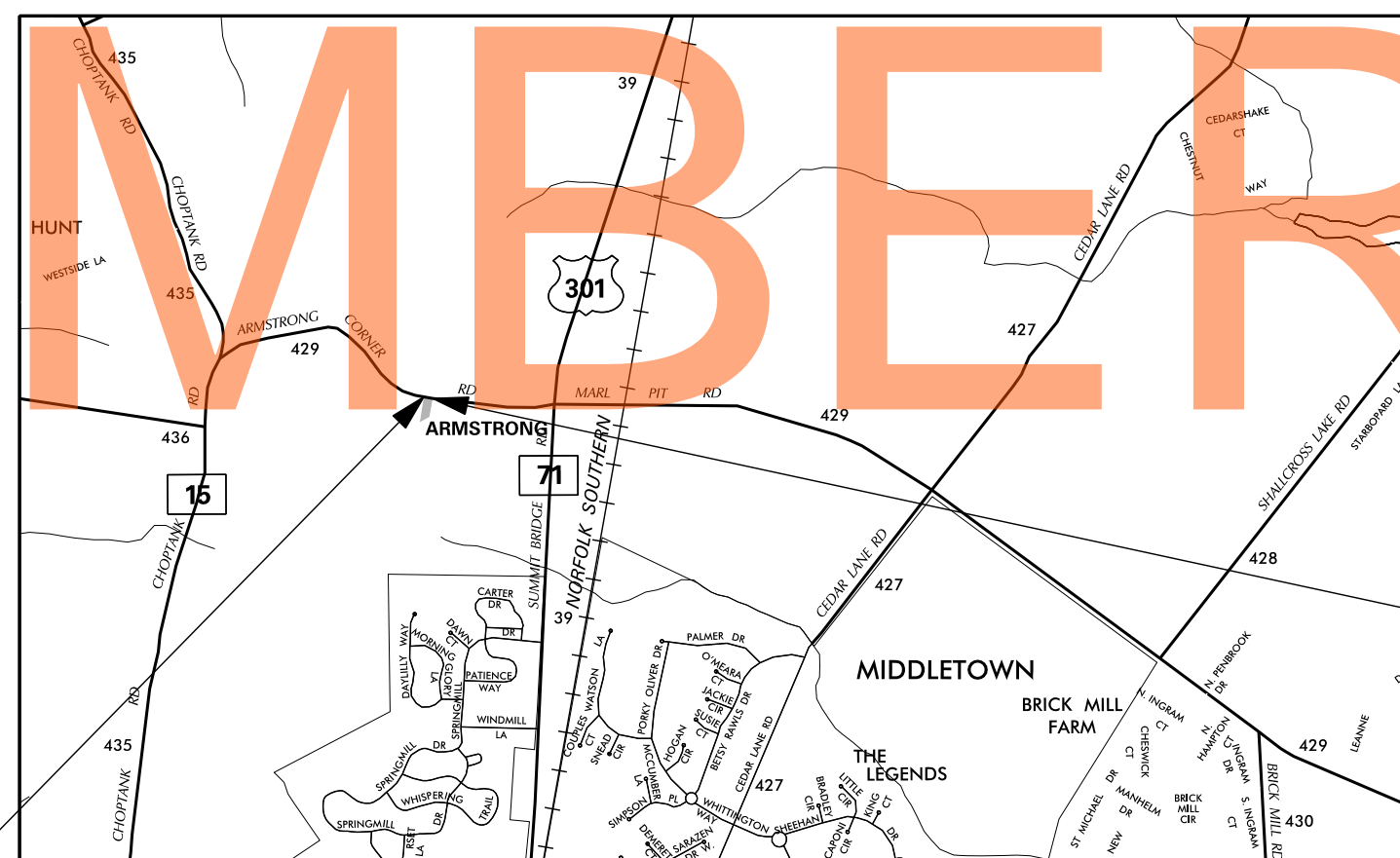
COUNTY: **NEW CASTLE** M.R. #: **84**

**BEGIN CONTRACT
STATION 316+00
US301**

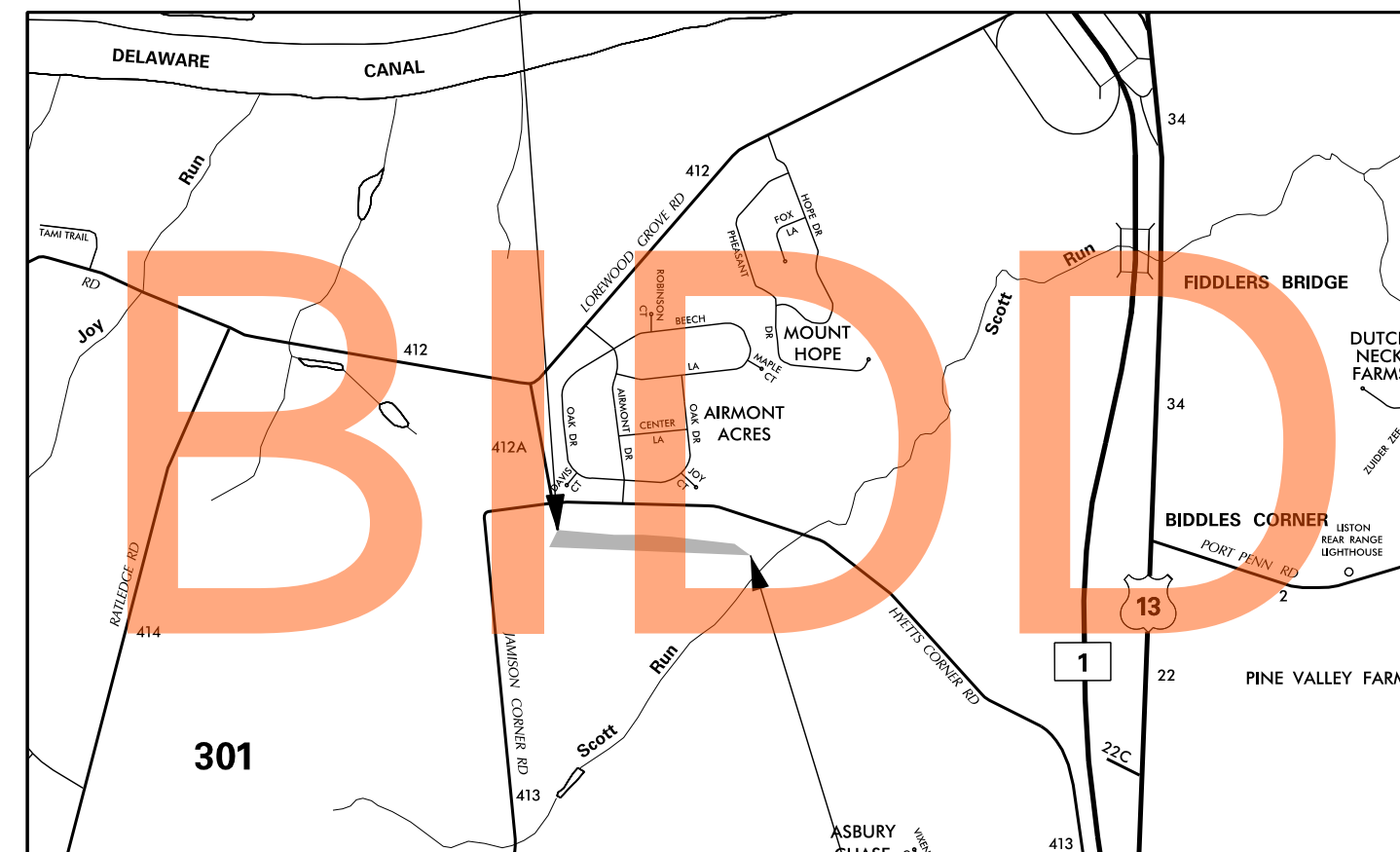


**END CONTRACT
STATION 347+00
US301**

**BEGIN CONTRACT
STATION 139+75
EXISTING ARMSTRONG
CORNER ROAD**



**BEGIN CONTRACT
STATION 61+00
RAMP P**



**END CONTRACT
STATION 800+00
US301**

**END CONTRACT
STATION 141+90
EXISTING ARMSTRONG
CORNER ROAD**

U.S. CUSTOMARY
UNITS

DESIGN DESIGNATION

| | | |
|--|-------------------------|---------------------------------|
| FUNCTIONAL CLASS: RURAL PRINCIPAL ARTERIAL | D.H.V. PROJECTED: 4,560 | YEAR: 2030 |
| TYPE OF CONSTRUCTION: NEW | DESIGN SPEED: 70 M.P.H. | |
| A.A.D.T. CURRENT: N/A | YEAR: 2009 | TRUCKS: 9 % |
| A.A.D.T. PROJECTED: 57,000 | YEAR: 2030 | DIRECTION OF DISTRIBUTION: 57 % |

INDEX OF SHEETS

| SHEET NO | TITLE |
|----------|--|
| 1 | TITLE |
| 2 | PLAN SHEET INDEX |
| 3-12 | LANDSCAPING PLANS |
| 13 | LANDSCAPING PLANTING SCHEDULES AND NOTES |

TOTAL SHEETS: 13

APPROVED DESIGN EXCEPTIONS

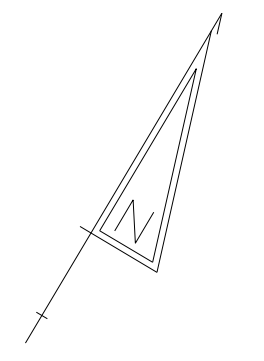
| DESIGN PARAMETER | REQUIRED | PROVIDED | DATE |
|------------------|----------|----------|------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

ADDENDA & REVISIONS

| DESCRIPTION | NAME & DATE |
|-------------|-------------|
| | |
| | |
| | |

ASSOCIATED CONTRACTS

| CONTRACT NO. | CONTRACT NAME |
|--------------|--|
| T200911301 | US 301, NORFOLK SOUTHERN RR TO SR 896 |
| T200911302 | US 301 & SR 1 INTERCHANGE |
| T200911303 | US 301, LEVELS ROAD TO SUMMIT BRIDGE ROAD |
| T200911308 | US 301, SR 896 TO SR 1 |
| T201011301 | SUMMIT BRIDGE RD AND ARMSTRONG CORNER RD INTERSECTION IMPROVEMENTS |
| T201011302 | US 13 AND PORT PENN ROAD INTERSECTION |
| T200712003 | JAMISON CORNER ROAD, FROM BOYDS CORNER ROAD TO HYETTS CORNER ROAD |
| T200912001 | N412A, HYETTS CORNER ROAD TO LOREWOOD GROVE ROAD |



DRAFT
NOT FOR BIDDING
DECEMBER 2016

12/8/2016 5:45:57 PM G:\PROJECTS\08505.00 (Agmt 1444 US301 GEC)\CADD FILES\Landscaping Plans\Vis_Landscaping.dgn



**DELAWARE
DEPARTMENT OF TRANSPORTATION**

ADDENDUMS / REVISIONS

| | |
|--|--|
| | |
| | |
| | |
| | |

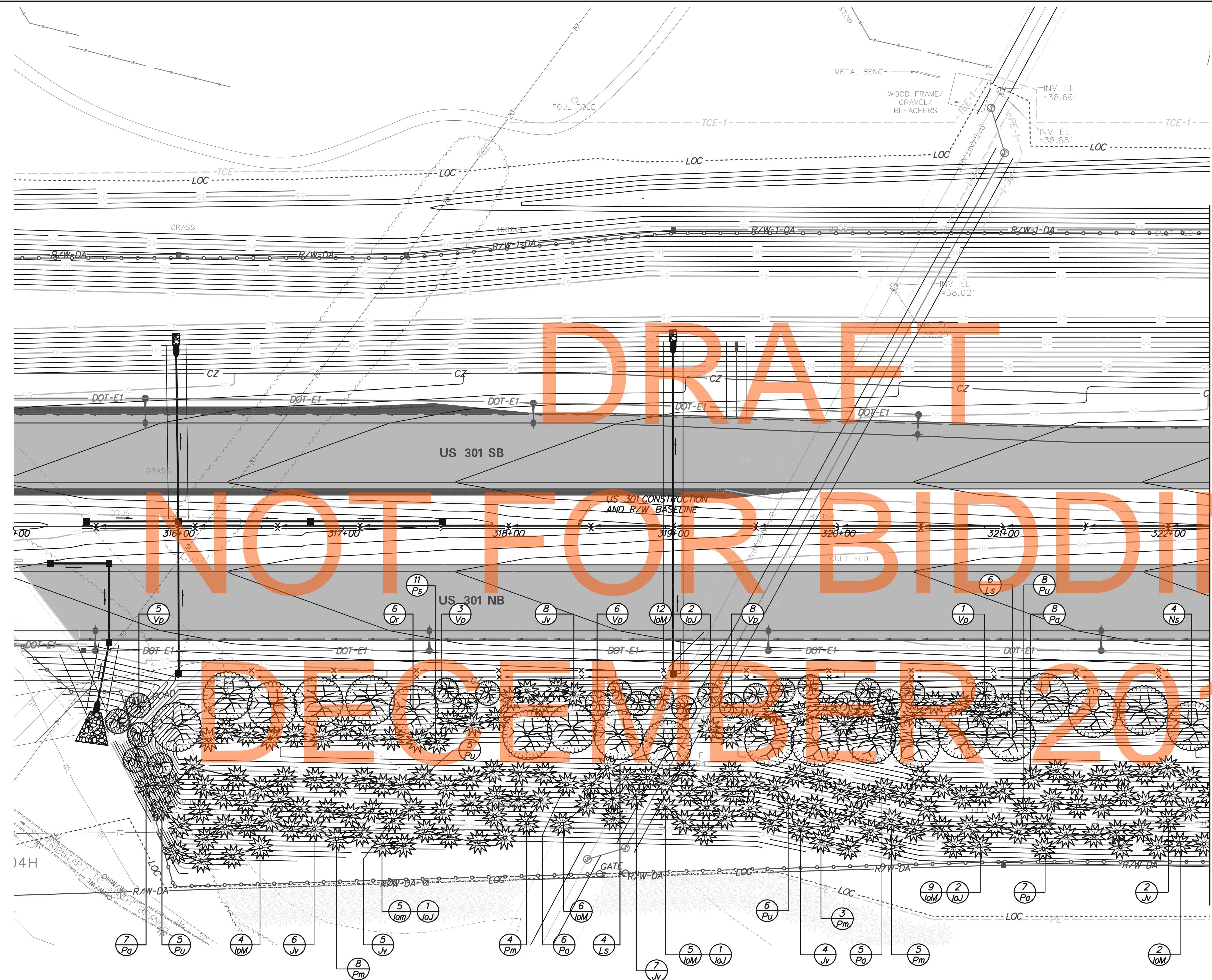
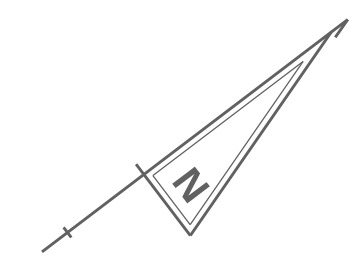
NOT TO SCALE

**US 301
LANDSCAPING
PHASE I**

| | | |
|------------|--------------|-----|
| CONTRACT | BRIDGE NO. | N/A |
| T201511301 | DESIGNED BY: | KMC |
| COUNTY | CHECKED BY: | AKM |
| NEW CASTLE | | |

INDEX SHEET

| |
|-------------|
| SHEET NO. |
| 2 |
| TOTAL SHTS. |
| 13 |



DRAFT

NOT FOR BIDDING

DECEMBER 2016

MATCHLINE STA 322+25 SEE SHEET LS-02

| LANDSCAPE PLANTING SCHEDULE | | |
|------------------------------|-----------------------------------|----------|
| KEY | PLANTING DESCRIPTION | QUANTITY |
| MAJOR DECIDUOUS TREES | | |
| Ls | <i>Liquidambar styraciflua</i> | 10 |
| Ns | <i>Nyssa sylvatica</i> | 4 |
| Or | <i>Quercus rubra</i> | 6 |
| EVERGREEN TREES | | |
| IoM | <i>Ilex opaca 'Miss Helen'</i> | 43 |
| IoJ | <i>Ilex opaca 'Jersey Knight'</i> | 6 |
| Jv | <i>Juniperus virginiana</i> | 32 |
| Pa | <i>Picea abies</i> | 33 |
| Pm | <i>Pseudotsuga menziesii</i> | 20 |
| Ps | <i>Pinus strobus</i> | 11 |
| Pu | <i>Picea glauca</i> | 24 |
| MINOR DECIDUOUS TREES | | |
| Vp | <i>Viburnum prunifolium</i> | 23 |

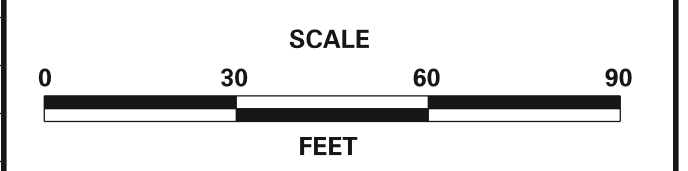
LANDSCAPE LEGEND

- Major Deciduous Tree
- Evergreen Tree
- Minor Deciduous Tree

LANDSCAPE NOTES

Refer to Landscape Planting Schedule and Notes Sheet for summary of quantities and landscape notes.

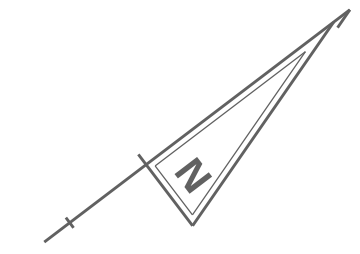
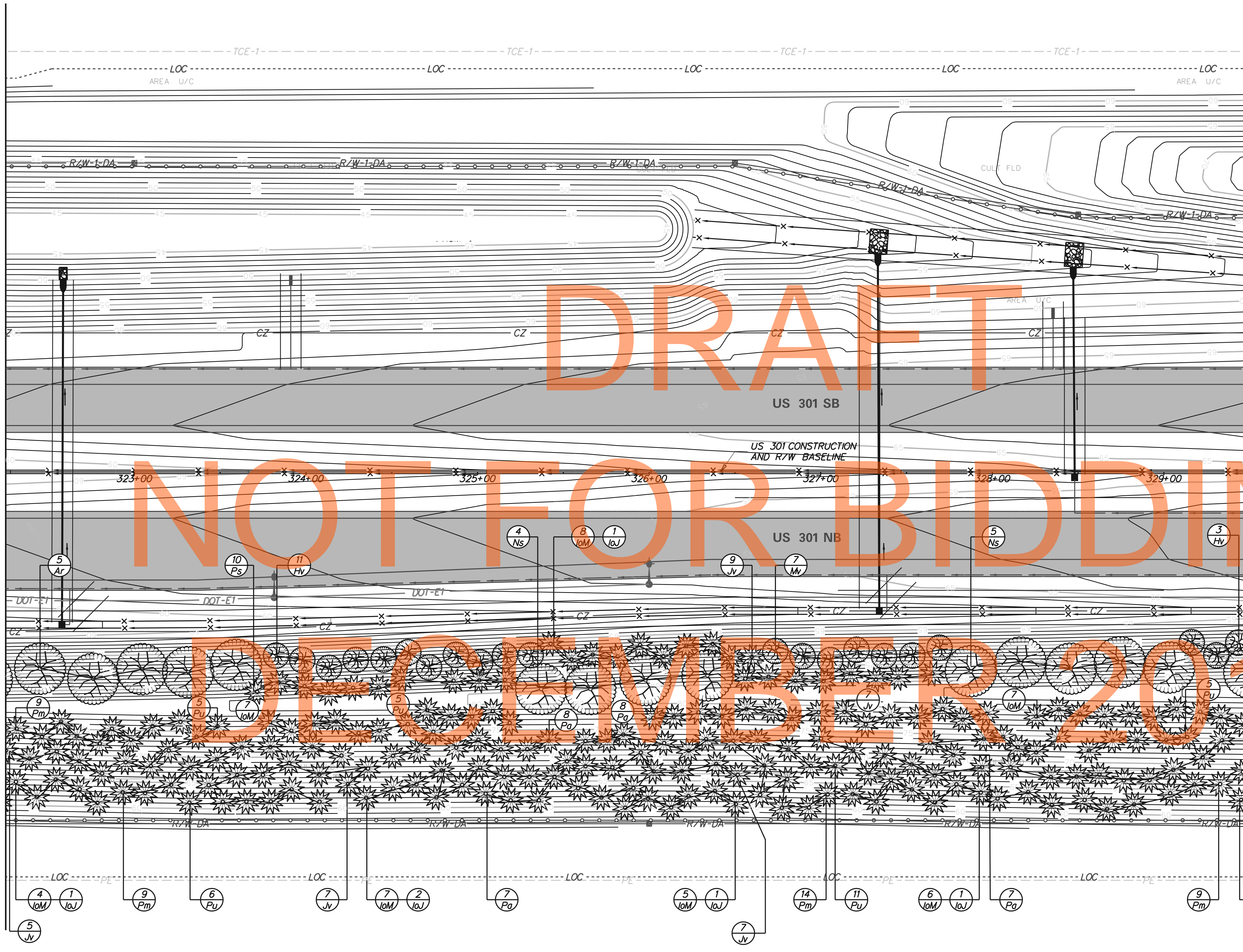
| ADDENDUMS / REVISIONS |
|-----------------------|
| |
| |
| |



| | |
|------------|------------------|
| CONTRACT | BRIDGE NO. |
| T201511301 | |
| COUNTY | DESIGNED BY: DMS |
| NEW CASTLE | CHECKED BY: AJC |




MATCHLINE STA 322+25 SEE SHEET LS-01

MATCHLINE STA 329+50 SEE SHEET LS-03



| LANDSCAPE PLANTING SCHEDULE | | |
|------------------------------|-----------------------------------|----------|
| KEY | PLANTING DESCRIPTION | QUANTITY |
| MAJOR DECIDUOUS TREES | | |
| Ar | <i>Acer rubrum</i> 'Red Sunset' | 5 |
| Ns | <i>Nyssa sylvatica</i> | 9 |
| EVERGREEN TREES | | |
| IoM | <i>Ilex opaca</i> 'Miss Helen' | 45 |
| IoJ | <i>Ilex opaca</i> 'Jersey Knight' | 6 |
| Jv | <i>Juniperus virginiana</i> | 44 |
| Pa | <i>Picea abies</i> | 33 |
| Pm | <i>Pseudotsuga menziesii</i> | 41 |
| Ps | <i>Pinus strobus</i> | 10 |
| Pu | <i>Picea glauca</i> | 33 |
| MINOR DECIDUOUS TREES | | |
| Hv | <i>Hamamelis virginiana</i> | 14 |
| Mv | <i>Magnolia virginiana</i> | 7 |

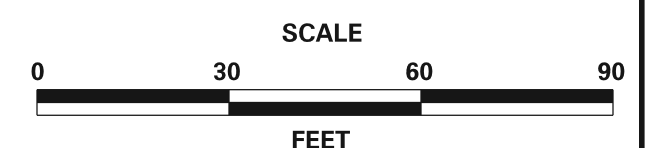
LANDSCAPE LEGEND

-  Major Deciduous Tree
-  Evergreen Tree
-  Minor Deciduous Tree

LANDSCAPE NOTES

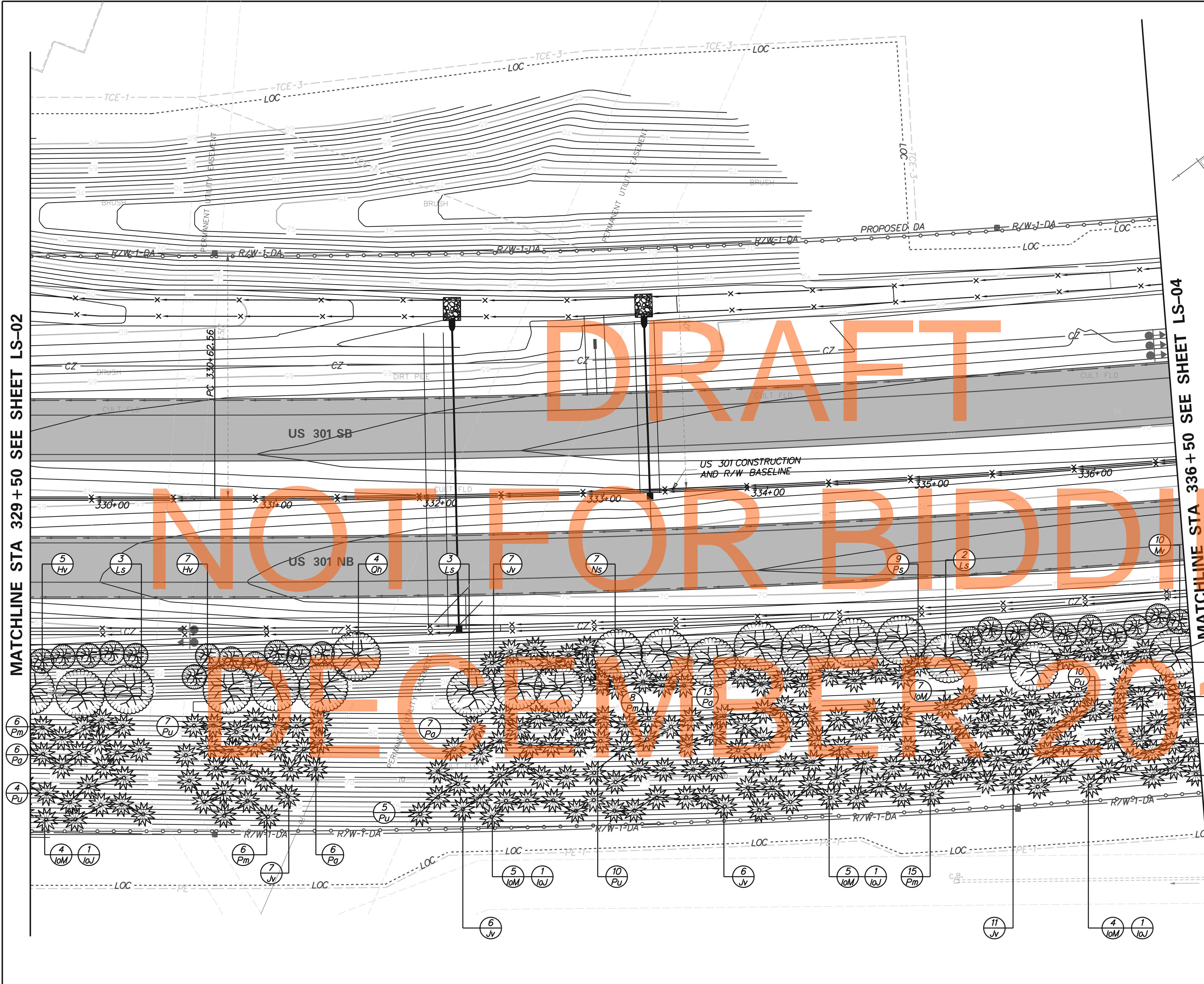
Refer to Landscape Planting Schedule and Notes Sheet for summary of quantities and landscape notes.

| ADDENDUMS / REVISIONS |
|-----------------------|
| |
| |
| |

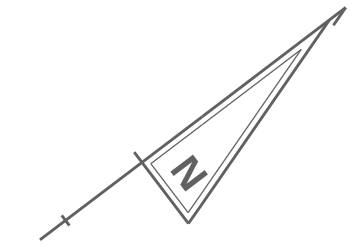


| | |
|------------------------|------------------|
| CONTRACT T201511301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: DMS |
| | CHECKED BY: AJC |

| |
|-------------------|
| LS-02 |
| SHEET NO. 4 |
| TOTAL SHTS. 13 |



| LANDSCAPE PLANTING SCHEDULE | | |
|------------------------------|-----------------------------------|----------|
| KEY | PLANTING DESCRIPTION | QUANTITY |
| MAJOR DECIDUOUS TREES | | |
| Ls | <i>Liquidambar styraciflua</i> | 8 |
| Ns | <i>Nyssa sylvatica</i> | 8 |
| Oh | <i>Quercus phellos</i> | 4 |
| EVERGREEN TREES | | |
| IoM | <i>Ilex opaca</i> 'Miss Helen' | 25 |
| IoJ | <i>Ilex opaca</i> 'Jersey Knight' | 4 |
| Jv | <i>Juniperus virginiana</i> | 45 |
| Pa | <i>Picea abies</i> | 37 |
| Pm | <i>Pseudotsuga menziesii</i> | 45 |
| Ps | <i>Pinus strobus</i> | 9 |
| Pu | <i>Pinus glauca</i> | 36 |
| MINOR DECIDUOUS TREES | | |
| Hv | <i>Hamamelis virginiana</i> | 12 |
| Mv | <i>Magnolia virginiana</i> | 10 |



MATCHLINE STA 329+50 SEE SHEET LS-02

MATCHLINE STA 336+50 SEE SHEET LS-04

NOT FOR BIDDING

DECEMBER 2016

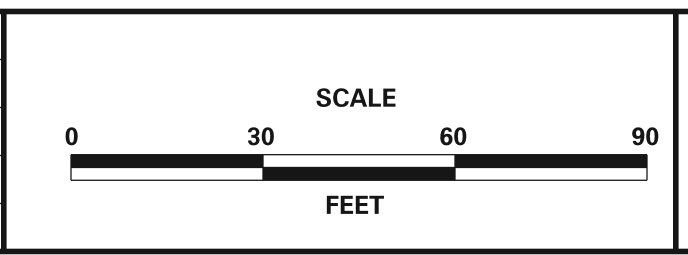
LANDSCAPE LEGEND

- Major Deciduous Tree
- Evergreen Tree
- Minor Deciduous Tree

LANDSCAPE NOTES

Refer to Landscape Planting Schedule and Notes Sheet for summary of quantities and landscape notes.

| ADDENDUMS / REVISIONS |
|-----------------------|
| |
| |
| |



| | |
|------------|------------------|
| CONTRACT | BRIDGE NO. |
| T201511301 | |
| COUNTY | DESIGNED BY: DMS |
| NEW CASTLE | CHECKED BY: AJC |

DRAFT

NOT FOR BIDDING




DECEMBER 2016

| LANDSCAPE PLANTING SCHEDULE | | |
|------------------------------|-----------------------------------|----------|
| KEY | PLANTING DESCRIPTION | QUANTITY |
| MAJOR DECIDUOUS TREES | | |
| Ar | <i>Acer rubrum</i> 'Red Sunset' | 12 |
| Ns | <i>Nyssa sylvatica</i> | 4 |
| Or | <i>Quercus rubra</i> | 13 |
| EVERGREEN TREES | | |
| IoM | <i>Ilex opaca</i> 'Miss Helen' | 34 |
| IoJ | <i>Ilex opaca</i> 'Jersey Knight' | 4 |
| Jv | <i>Juniperus virginiana</i> | 50 |
| Pa | <i>Picea abies</i> | 38 |
| Pm | <i>Pseudotsuga menziesii</i> | 43 |
| Ps | <i>Pinus strobus</i> | 26 |
| Pu | <i>Picea glauca</i> | 34 |
| MINOR DECIDUOUS TREES | | |
| Mv | <i>Magnolia virginiana</i> | 17 |
| Vp | <i>Viburnum prunifolium</i> | 12 |

MATCHLINE STA 343+50 SEE SHEET LS-05

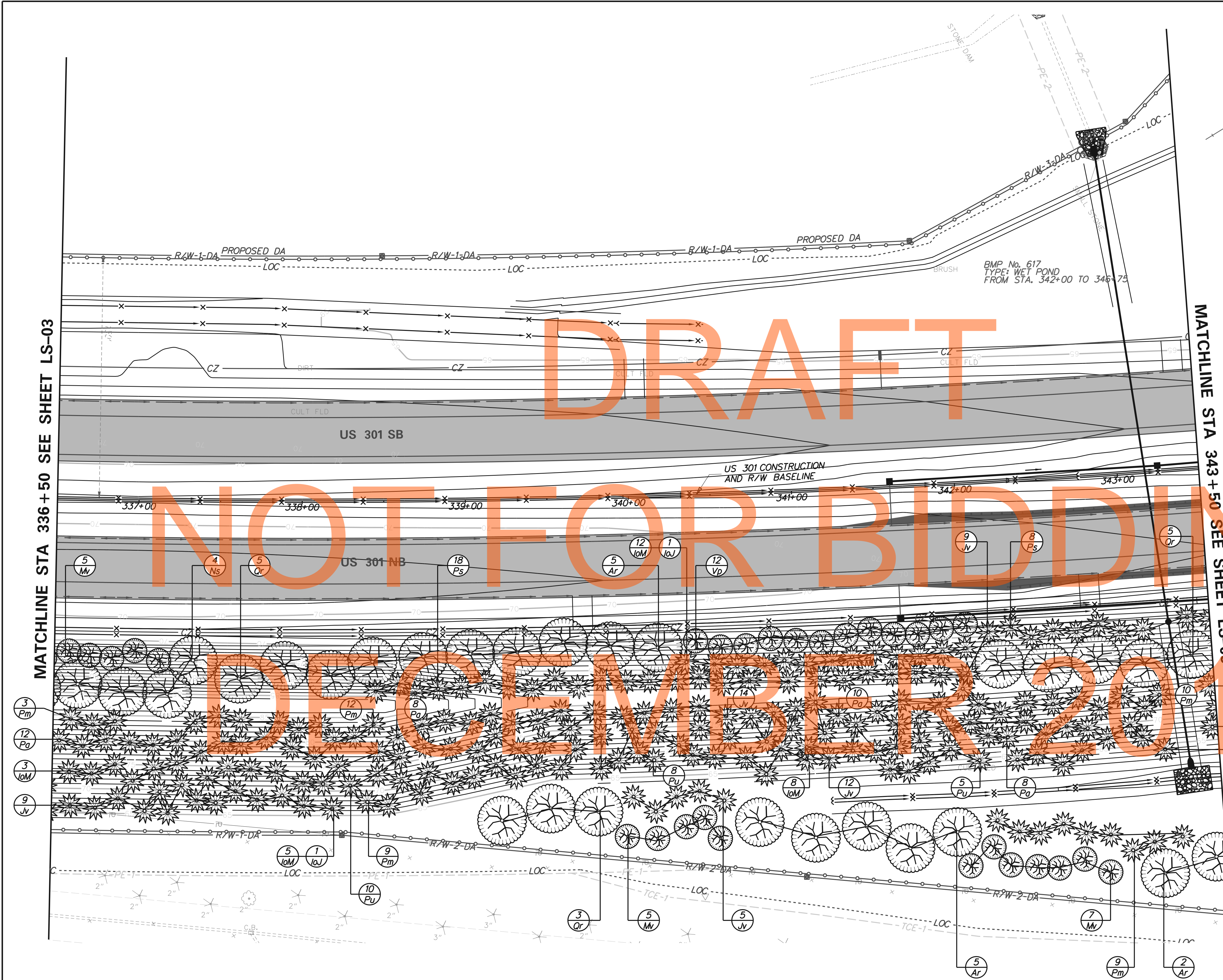
MATCHLINE SEE SHEET LS-06

LANDSCAPE LEGEND

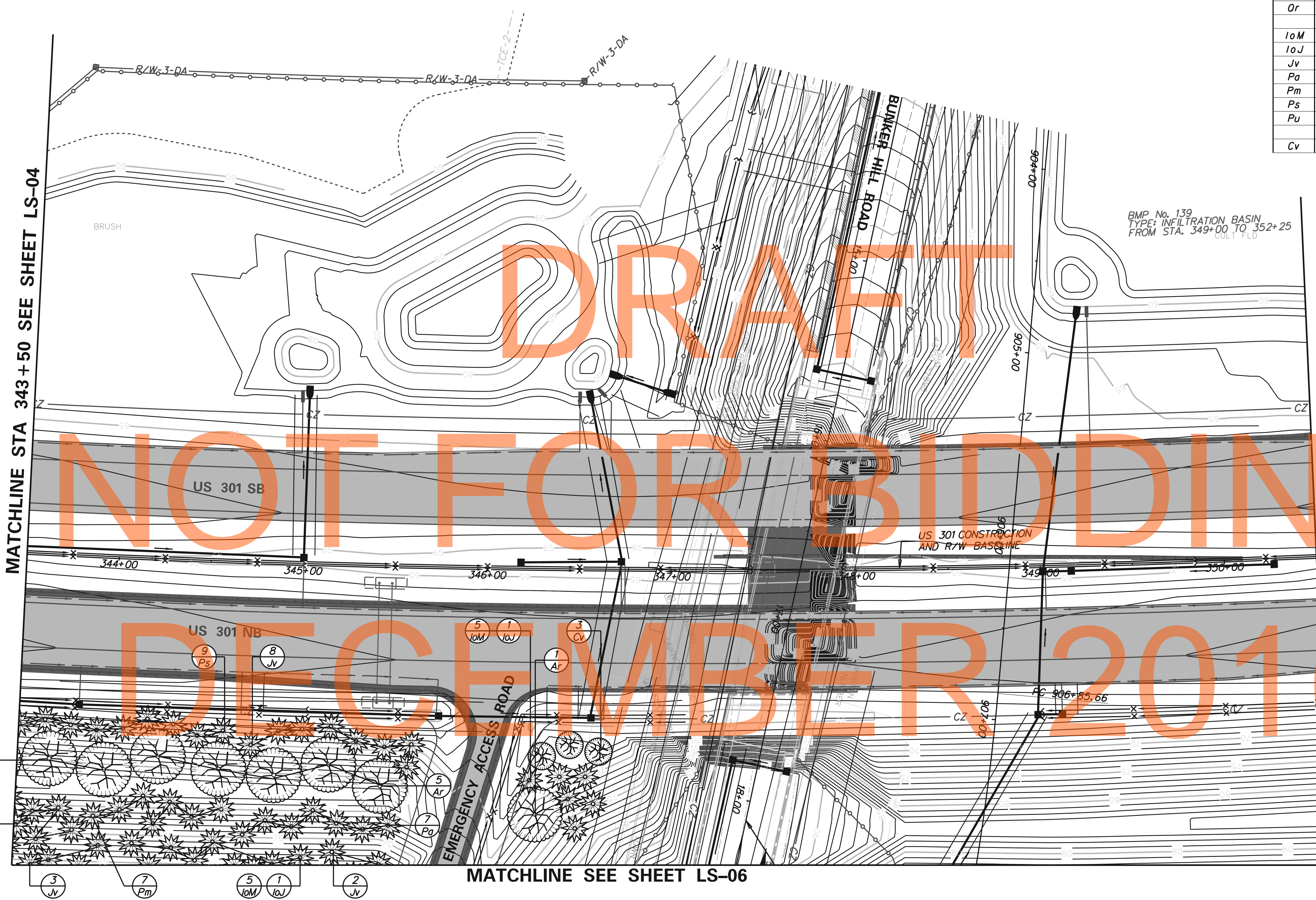
-  Major Deciduous Tree
-  Evergreen Tree
-  Minor Deciduous Tree

LANDSCAPE NOTES

Refer to Landscape Planting Schedule and Notes Sheet for summary of quantities and landscape notes.



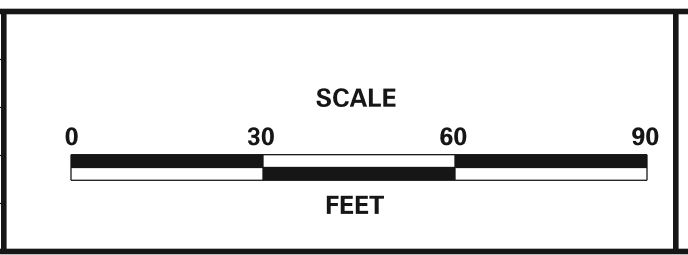
| LANDSCAPE PLANTING SCHEDULE | | |
|------------------------------|--|----------|
| KEY | PLANTING DESCRIPTION | QUANTITY |
| MAJOR DECIDUOUS TREES | | |
| Ar | <i>Acer rubrum</i> 'Red Sunset' | 6 |
| Or | <i>Quercus rubra</i> | 2 |
| EVERGREEN TREES | | |
| IoM | <i>Ilex opaca</i> 'Miss Helen' | 10 |
| IoJ | <i>Ilex opaca</i> 'Jersey Knight' | 2 |
| Jv | <i>Juniperus virginiana</i> | 13 |
| Pa | <i>Picea abies</i> | 7 |
| Pm | <i>Pseudotsuga menziesii</i> | 7 |
| Ps | <i>Pinus strobus</i> | 9 |
| Pu | <i>Picea glauca</i> | 5 |
| MINOR DECIDUOUS TREES | | |
| Cv | <i>Crataegus viridis</i> 'Winter King' | 3 |



BMP No. 139
 TYPE: INFILTRATION BASIN
 FROM STA. 349+00 TO 352+25
 CULT. FLD.

- LANDSCAPE LEGEND**
- Major Deciduous Tree
 - Evergreen Tree
 - Minor Deciduous Tree
- LANDSCAPE NOTES**
- Refer to Landscape Planting Schedule and Notes Sheet for summary of quantities and landscape notes.

| ADDENDUMS / REVISIONS |
|-----------------------|
| |
| |
| |



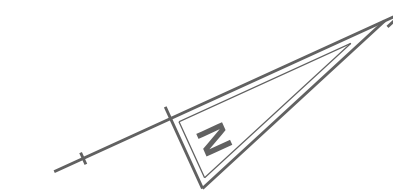
US 301 LANDSCAPING PHASE I

| | |
|------------|------------------|
| CONTRACT | BRIDGE NO. |
| T201511301 | |
| COUNTY | DESIGNED BY: DMS |
| NEW CASTLE | CHECKED BY: AJC |

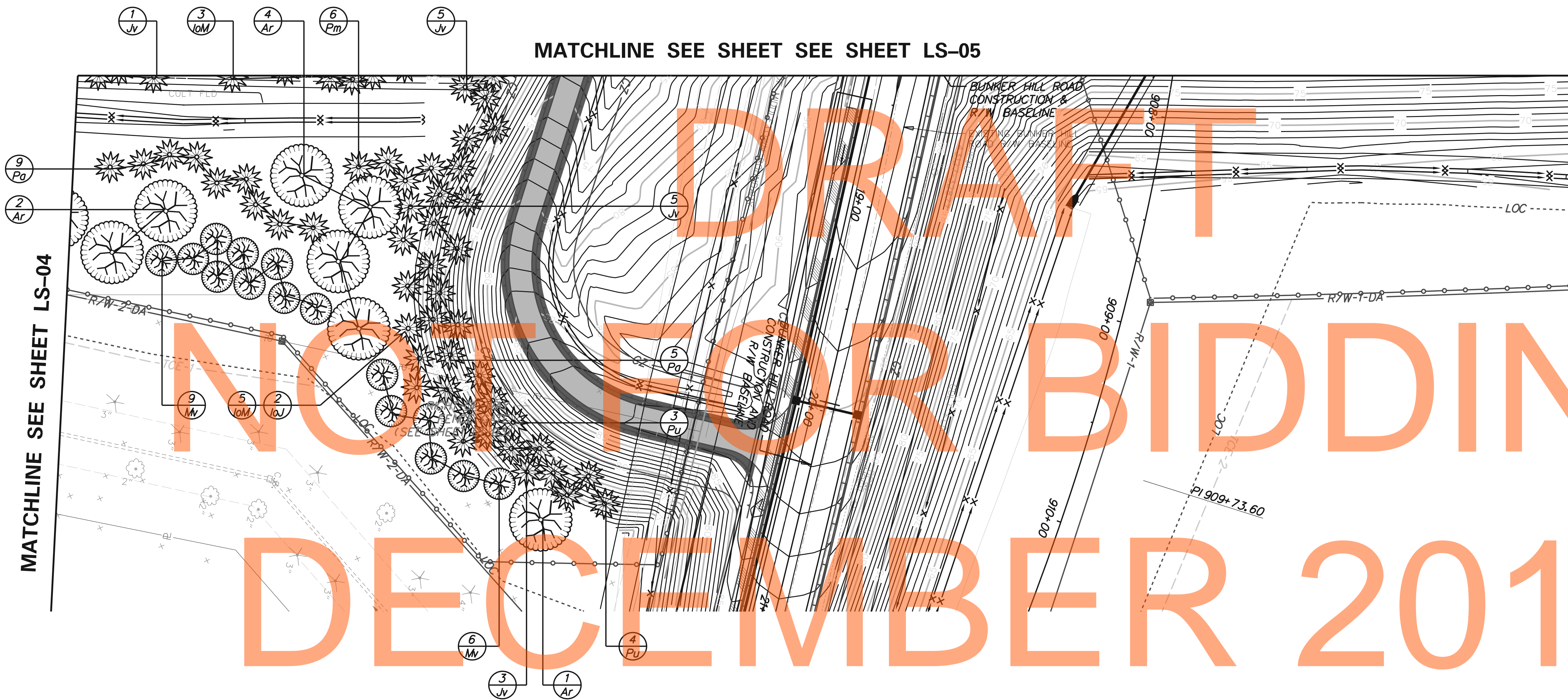
LANDSCAPING PLAN

| |
|-------------|
| LS-05 |
| SHEET NO. |
| 7 |
| TOTAL SHTS. |
| 13 |

| LANDSCAPE PLANTING SCHEDULE | | |
|-----------------------------|-----------------------------------|----------|
| KEY | PLANTING DESCRIPTION | QUANTITY |
| | MAJOR DECIDUOUS TREES | |
| Ar | <i>Acer rubrum</i> 'Red Sunset' | 7 |
| | EVERGREEN TREES | |
| lom | <i>Ilex opaca</i> 'Miss Helen' | 8 |
| loJ | <i>Ilex opaca</i> 'Jersey Knight' | 2 |
| Jv | <i>Juniperus virginiana</i> | 14 |
| Pa | <i>Picea abies</i> | 14 |
| Pm | <i>Pseudotsuga menziesii</i> | 6 |
| Pu | <i>Picea glauca</i> | 7 |
| | MINOR DECIDUOUS TREES | |
| Mv | <i>Magnolia virginiana</i> | 15 |






MATCHLINE SEE SHEET SEE SHEET LS-05



MATCHLINE SEE SHEET LS-04

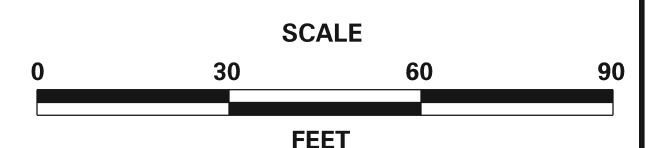
LANDSCAPE LEGEND

-  Major Deciduous Tree
-  Evergreen Tree
-  Minor Deciduous Tree

LANDSCAPE NOTES

Refer to Landscape Planting Schedule and Notes Sheet for summary of quantities and landscape notes.

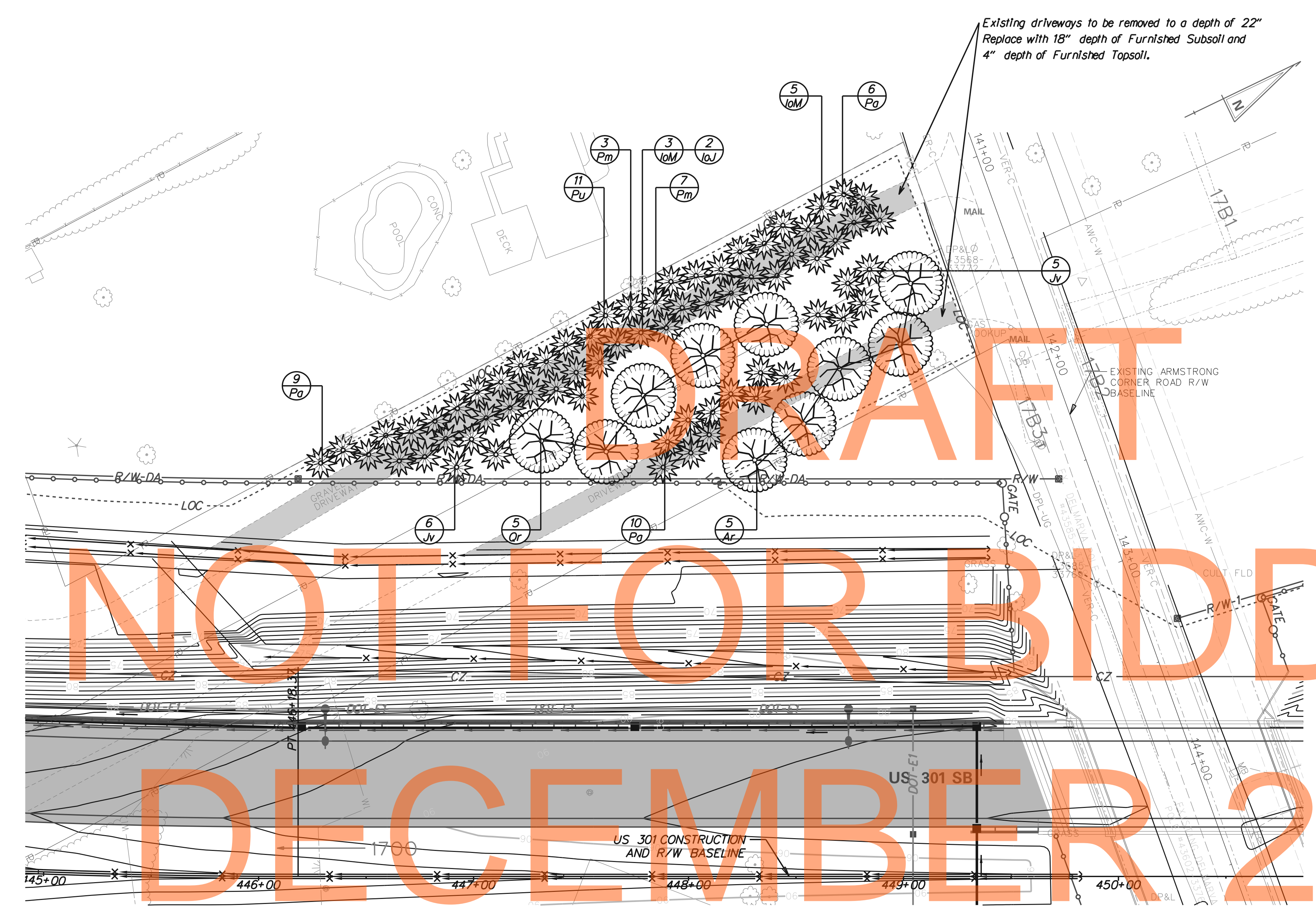
| ADDENDUMS / REVISIONS |
|-----------------------|
| |
| |
| |



| | |
|------------|------------------|
| CONTRACT | BRIDGE NO. |
| T201511301 | |
| COUNTY | DESIGNED BY: DMS |
| NEW CASTLE | CHECKED BY: AJC |

| |
|-------------|
| LS-06 |
| SHEET NO. |
| 8 |
| TOTAL SHTS. |
| 13 |

| LANDSCAPE PLANTING SCHEDULE | | |
|------------------------------|-----------------------------------|----------|
| KEY | PLANTING DESCRIPTION | QUANTITY |
| MAJOR DECIDUOUS TREES | | |
| Ar | <i>Acer rubrum</i> 'Red Sunset' | 5 |
| Or | <i>Quercus rubra</i> | 5 |
| EVERGREEN TREES | | |
| IoM | <i>Ilex opaca</i> 'Miss Helen' | 8 |
| IoJ | <i>Ilex opaca</i> 'Jersey Knight' | 2 |
| Jv | <i>Juniperus virginiana</i> | 11 |
| Pa | <i>Picea abies</i> | 25 |
| Pm | <i>Pseudotsuga menziesii</i> | 10 |
| Pu | <i>Picea glauca</i> | 11 |
| OTHER | | |
| | SY of 18" Depth Furnished Subsoil | 775 |
| | SY of 4" Depth Furnished Topsoil | 775 |



NOT FOR BIDDING
 DECEMBER 2016

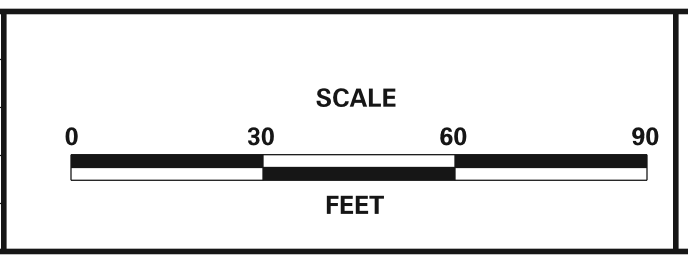
LANDSCAPE LEGEND

- Major Deciduous Tree
- Evergreen Tree
- Minor Deciduous Tree
- Existing Driveway to be removed to existing sub-grade

LANDSCAPE NOTES

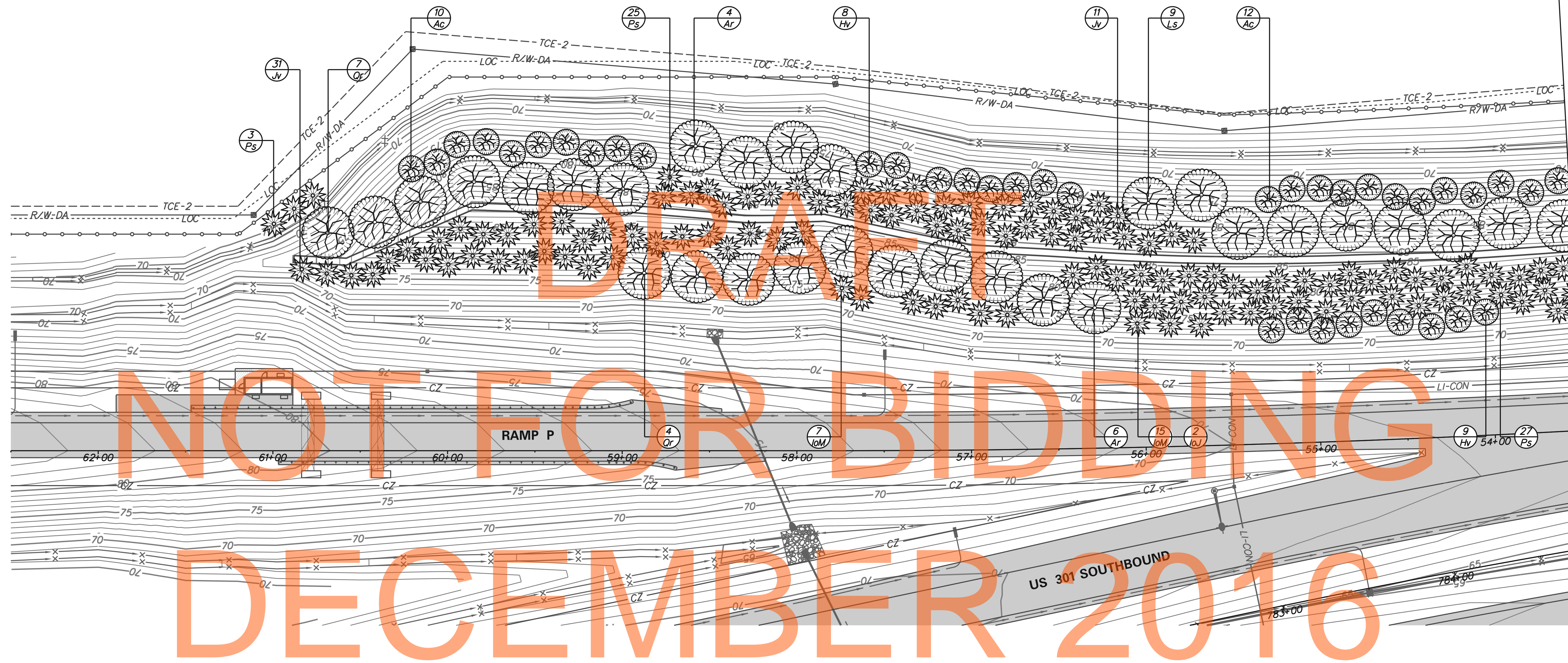
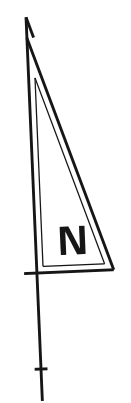
Refer to Landscape Planting Schedule and Notes Sheet for summary of quantities and landscape notes.

| ADDENDUMS / REVISIONS |
|-----------------------|
| |
| |
| |



| | |
|------------|------------------|
| CONTRACT | BRIDGE NO. |
| T201511301 | |
| COUNTY | DESIGNED BY: DMS |
| NEW CASTLE | CHECKED BY: AJC |

| |
|-------------|
| LS-07 |
| SHEET NO. |
| 9 |
| TOTAL SHTS. |
| 13 |



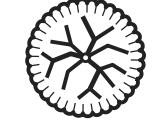


SEE SHEET LS-09

MATCHLINE
STA 784+80

NOT FOR BIDDING
DECEMBER 2016

| LANDSCAPE PLANTING SCHEDULE | | |
|------------------------------|-----------------------------------|----------|
| KEY | PLANTING DESCRIPTION | QUANTITY |
| MAJOR DECIDUOUS TREES | | |
| Ar | <i>Acer rubrum</i> 'Red Sunset' | 10 |
| Ls | <i>Liquidambar styraciflua</i> | 9 |
| Or | <i>Quercus rubra</i> | 11 |
| EVERGREEN TREES | | |
| IoM | <i>Ilex opaca</i> 'Miss Helen' | 22 |
| IoJ | <i>Ilex opaca</i> 'Jersey Knight' | 2 |
| Jv | <i>Juniperus virginiana</i> | 42 |
| Ps | <i>Pinus strobus</i> | 55 |
| MINOR DECIDUOUS TREES | | |
| Ac | <i>Amelanchier canadensis</i> | 22 |
| Hv | <i>Hamamelis virginiana</i> | 17 |

LANDSCAPE LEGEND

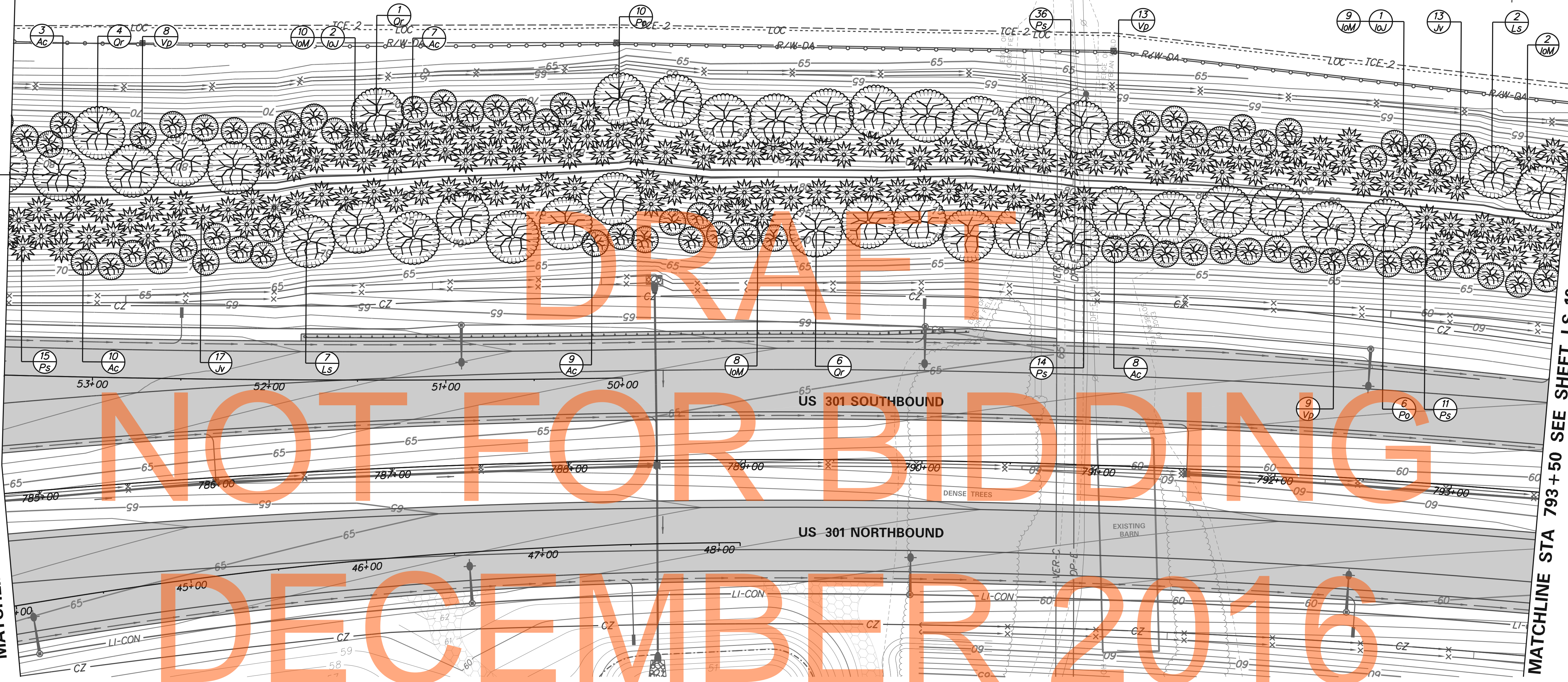
-  Major Deciduous Tree
-  Evergreen Tree
-  Minor Deciduous Tree

LANDSCAPE NOTES

Refer to Landscape Planting Schedule and Notes Sheet for summary of quantities and landscape notes.

MATCHLINE STA 784+80 SEE SHEET LS-08

MATCHLINE STA 793+50 SEE SHEET LS-10



DRAFT
NOT FOR BIDDING
DECEMBER 2016

| LANDSCAPE PLANTING SCHEDULE | | |
|------------------------------|-----------------------------------|----------|
| KEY | PLANTING DESCRIPTION | QUANTITY |
| MAJOR DECIDUOUS TREES | | |
| Ls | <i>Liquidambar styraciflua</i> | 10 |
| Po | <i>Platanus occidentalis</i> | 16 |
| Or | <i>Quercus rubra</i> | 11 |
| EVERGREEN TREES | | |
| IoM | <i>Ilex opaca</i> 'Miss Helen' | 29 |
| IoJ | <i>Ilex opaca</i> 'Jersey Knight' | 3 |
| Jv | <i>Juniperus virginiana</i> | 30 |
| Ps | <i>Pinus strobus</i> | 76 |
| MINOR DECIDUOUS TREES | | |
| Ac | <i>Amelanchier canadensis</i> | 37 |
| Vp | <i>Viburnum prunifolium</i> | 30 |

LANDSCAPE LEGEND

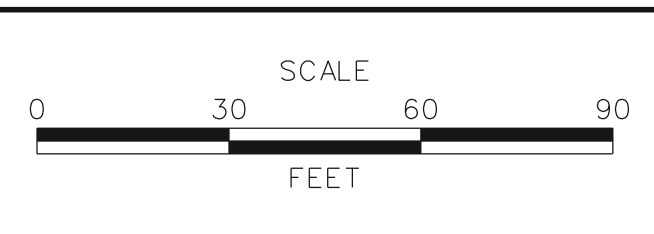
- Major Deciduous Tree
- Evergreen Tree
- Minor Deciduous Tree

LANDSCAPE NOTES

Refer to Landscape Planting Schedule and Notes Sheet for summary of quantities and landscape notes.



| ADDENDUMS / REVISIONS |
|-----------------------|
| |
| |
| |

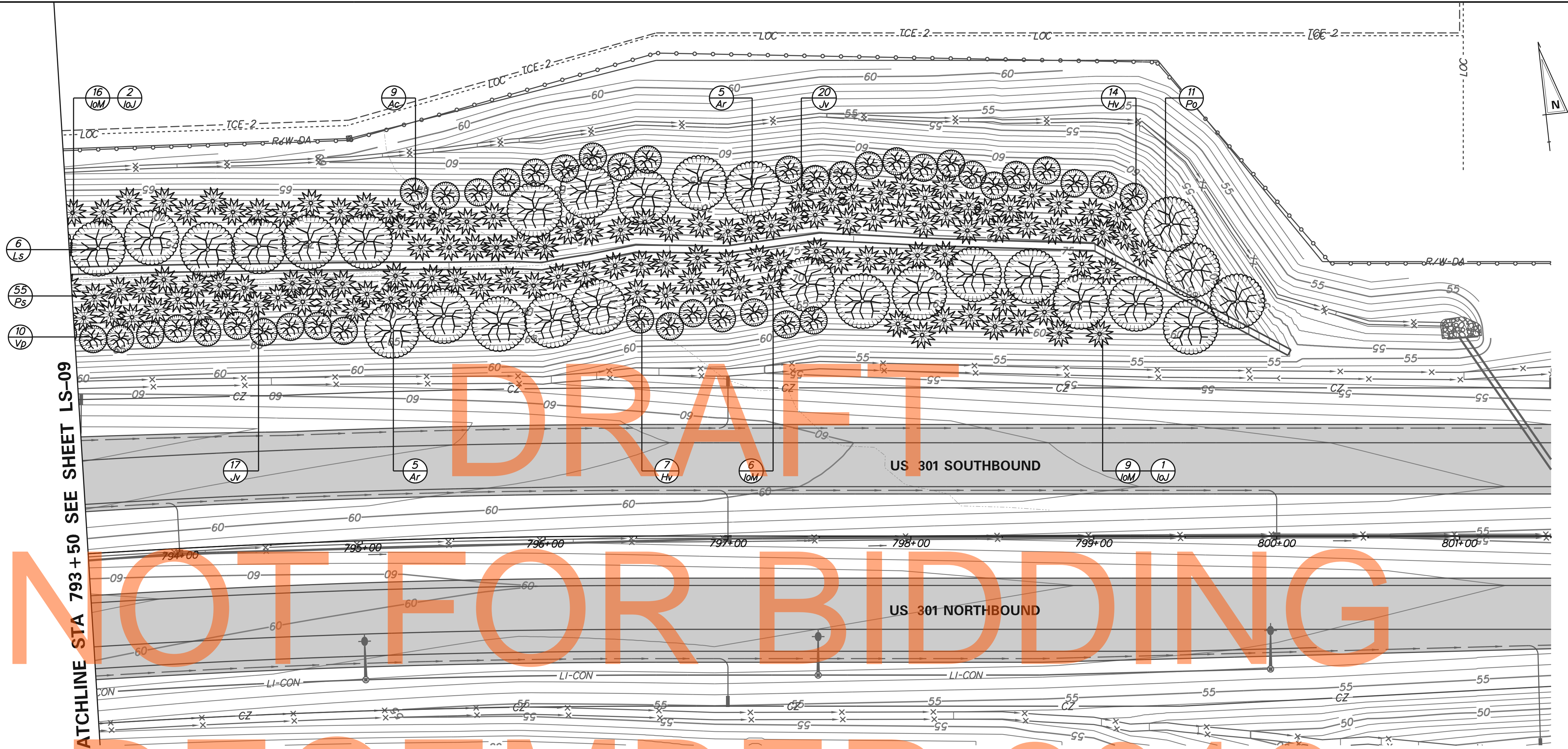


**US 301
LANDSCAPING
PHASE 1**

| | |
|------------------------|-------------------------------------|
| CONTRACT T201511301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: DMS CHECKED BY: AJC |

LANDSCAPING PLAN

| |
|-------------------|
| LS-09 |
| SHEET NO. 11 |
| TOTAL SHTS. 13 |



NOT FOR BIDDING

DECEMBER 2016

| LANDSCAPE PLANTING SCHEDULE | | |
|------------------------------|-----------------------------------|----------|
| KEY | PLANTING DESCRIPTION | QUANTITY |
| MAJOR DECIDUOUS TREES | | |
| Ar | <i>Acer rubrum</i> 'Red Sunset' | 10 |
| Ls | <i>Liquidambar styraciflua</i> | 6 |
| Po | <i>Platanus occidentalis</i> | 11 |
| EVERGREEN TREES | | |
| IoM | <i>Ilex opaca</i> 'Miss Helen' | 31 |
| IoJ | <i>Ilex opaca</i> 'Jersey Knight' | 3 |
| Jv | <i>Juniperus virginiana</i> | 37 |
| Ps | <i>Pinus strobus</i> | 55 |
| MINOR DECIDUOUS TREES | | |
| Ac | <i>Amelanchier canadensis</i> | 9 |
| Hv | <i>Hamamelis virginiana</i> | 21 |
| Vp | <i>Viburnum prunifolium</i> | 10 |

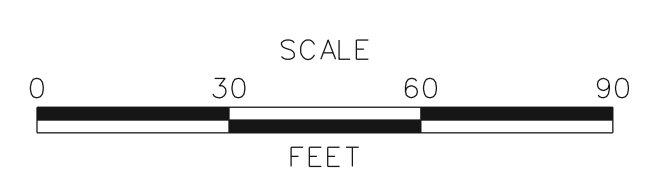
LANDSCAPE LEGEND

- Major Deciduous Tree
- Evergreen Tree
- Minor Deciduous Tree

LANDSCAPE NOTES

Refer to Landscape Planting Schedule and Notes Sheet for summary of quantities and landscape notes.

| ADDENDUMS / REVISIONS |
|-----------------------|
| |
| |
| |



| | |
|------------------------|-------------------------------------|
| CONTRACT T201511301 | BRIDGE NO. |
| COUNTY NEW CASTLE | DESIGNED BY: DMS CHECKED BY: AJC |

| |
|-------------------|
| LS-10 |
| SHEET NO. 12 |
| TOTAL SHTS. 13 |

MASTER LANDSCAPE PLANTING SCHEDULE

| QTY | KEY | BOTANICAL NAME | COMMON NAME | SIZE AND ROOT CONDITION | COMMENTS |
|------------------------------|-----|--|---|-------------------------|----------------------|
| MAJOR DECIDUOUS TREES | | | | | |
| 55 | Ar | <i>Acer rubrum 'Red Sunset'</i> | Red Sunset Maple | 2" Calliper, B&B | Space approx. 40' OC |
| 43 | Ls | <i>Liquidambar styraciflua</i> | Sweet-gum | 2" Calliper, B&B | Space approx. 40' OC |
| 25 | Ns | <i>Nyssa sylvatica</i> | Blackgum | 2" Calliper, B&B | Space approx. 40' OC |
| 27 | Po | <i>Platanus occidentalis</i> | Sycamore | 2" Calliper, B&B | Space approx. 40' OC |
| 4 | Qh | <i>Quercus phellos</i> | Willow Oak | 2" Calliper, B&B | Space approx. 40' OC |
| 48 | Or | <i>Quercus rubra</i> | Red Oak | 2" Calliper, B&B | Space approx. 40' OC |
| EVERGREEN TREES | | | | | |
| 255 | IoM | <i>Ilex opaca 'Miss Helen'</i> | American Holly | 6' Height, B&B | Space approx. 15' OC |
| 34 | IoJ | <i>Ilex opaca 'Jersey Knight'</i> | American Holly (Male Pollinator) | 6' Height, B&B | Space approx. 15' OC |
| 308 | Jv | <i>Juniperus virginiana</i> | Eastern Redcedar | 6' Height, B&B | Space approx. 15' OC |
| 187 | Pa | <i>Picea abies</i> | Norway Spruce | 6' Height, B&B | Space approx. 15' OC |
| 172 | Pm | <i>Pseudotsuga menziesii</i> | Douglasfir | 6' Height, B&B | Space approx. 15' OC |
| 251 | Ps | <i>Pinus strobus</i> | Eastern White Pine | 6' Height, B&B | Space approx. 15' OC |
| 150 | Pu | <i>Picea glauca</i> | White Spruce | 6' Height, B&B | Space approx. 15' OC |
| MINOR DECIDUOUS TREES | | | | | |
| 68 | Ac | <i>Amelanchier canadensis</i> | Shadblow Serviceberry | 5' Height, B&B | Space approx. 15' OC |
| 3 | Cv | <i>Crataegus viridis 'Winter King'</i> | Winter King Hawthorn | 5' Height, B&B | Space approx. 15' OC |
| 64 | Hv | <i>Hamamelis virginiana</i> | Common Witchhazel | 5' Height, B&B | Space approx. 15' OC |
| 49 | Mv | <i>Magnolia virginiana</i> | Sweetbay Magnolia | 5' Height, B&B | Space approx. 15' OC |
| 75 | Vp | <i>Viburnum prunifolium</i> | Blackhaw Viburnum | 5' Height, B&B | Space approx. 15' OC |
| OTHER | | | | | |
| 775 | | SY of 18" Depth Furnished Subsoil | For use in existing driveway removal areas. | | |
| 775 | | SY of 4" Depth Furnished Topsoil | For use in existing driveway removal areas. | | |

LANDSCAPE PLANTING NOTES

- ALL LANDSCAPING SHALL BE DONE IN ACCORDANCE WITH DELDOT STANDARD SPECIFICATIONS AND CONSTRUCTION DETAILS AND ANY SPECIAL PROVISIONS AND DETAILS PROVIDED ON THE PLANS AND IN THE IFB FOR THIS CONTRACT.
- LANDSCAPING PLANS ARE FOR LANDSCAPING PURPOSES ONLY. AS-BUILT CONDITIONS MAY VARY. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND SHALL INFORM THE ENGINEER OF ANY DISCREPANCIES OR POTENTIAL PROBLEMS PRIOR TO COMMENCING WORK.
- THE CONTRACTOR SHALL VERIFY PLANT MATERIAL QUANTITIES SHOWN ON THE PLANS WITH THE TOTALS IN THE PLANT SCHEDULES. WHERE DISCREPANCIES OCCUR BETWEEN THE PLANS AND THE PLANT SCHEDULE, THE PLANS SHALL GOVERN.
- THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING MISS UTILITY TO LOCATE ALL UTILITIES A MINIMUM OF 72 HOURS PRIOR TO PROCEEDING WITH ANY EXCAVATION FOR PLANT MATERIAL INSTALLATION.
- PLANT MATERIAL SHALL MAINTAIN THE FOLLOWING MINIMUM SETBACKS:
 50' FROM OVERHEAD TRANSFORMER LINES
 20' FROM OVERHEAD UTILITY LINES
 6' FROM UNDERGROUND UTILITIES, DRAINAGE SWALES AND PIPES, FENCES, GUARDRAILS AND CURBS.
- NO PLANTS SHALL BE PLANTED WITHIN THE ROADWAY CLEAR ZONE OR DIRECTLY IN FRONT OF ROADWAY SIGN SIGHT LINES.
- ANY ADJUSTMENTS OR CHANGES TO PLANT LAYOUT SHALL BE APPROVED BY DELDOT PRIOR TO INSTALLATION.
- CONTRACTOR SHALL BE REQUIRED TO KEEP ALL PLANT MATERIALS SUFFICIENTLY WATERED FROM JUNE 15 THROUGH OCTOBER 1. WATERING, ONCE INITIATED, SHALL CONTINUE WITHOUT INTERRUPTION UNTIL ALL PLANTS ON THE PROJECT HAVE BEEN WATERED. PAYMENT SHALL BE PER 1,000 GALLONS OF WATER APPLIED AND SHALL BE BASED ON THE FOLLOWING SCHEDULE: MAJOR AND EVERGREEN TREES-15 GALLONS PER TREE, MINOR AND REVEGETATION TREES-10 GALLONS PER TREE, SHRUBS-5 GALLONS PER SHRUB, PERENNIALS AND GROUNDCOVERS-10 GALLONS PER 100 SQUARE FEET OF PLANTING BED. WATER USED FOR THIS ITEM SHALL MEET THE REQUIREMENTS OF SECTION 803 OF THE STANDARD SPECIFICATIONS. TREE WATERING BAGS, IF UTILIZED, SHALL BE FILLED AS A PART OF THE WATERING OPERATION; PAYMENT SHALL BE AS DETAILED HEREIN. TREE WATERING BAGS SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED PRIOR TO FINAL INSPECTION.
- IN AREAS OF PROPOSED PLANTING, REMOVE ALL EXISTING PAVEMENT TO A DEPTH OF 22" AND REPLACE WITH 18" DEPTH OF FURNISHED SUBSOIL AND 4" DEPTH OF FURNISHED TOPSOIL.

CG = Container Grown
 OC = On Center

NOT FOR BIDDING
 DECEMBER 2016



| ADDENDUMS / REVISIONS | |
|-----------------------|--|
| | |
| | |
| | |

| |
|--|
| |
|--|

**US 301
 LANDSCAPING
 PHASE I**

| | |
|------------|------------------|
| CONTRACT | BRIDGE NO. |
| T201511301 | |
| COUNTY | DESIGNED BY: DMS |
| NEW CASTLE | CHECKED BY: AJC |

**LANDSCAPE PLANTING
 SCHEDULES AND NOTES**

| |
|-------------|
| LS-11 |
| SHEET NO. |
| 13 |
| TOTAL SHTS. |
| 13 |