

CHANGEABLE MESSAGE BOARDS

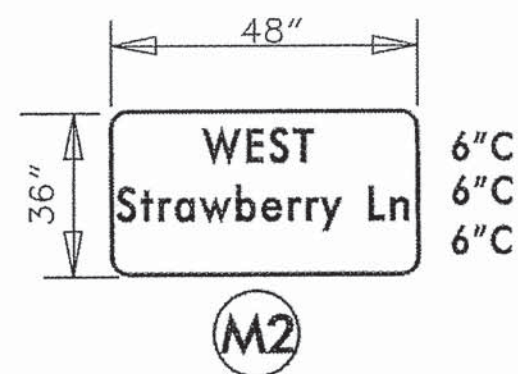
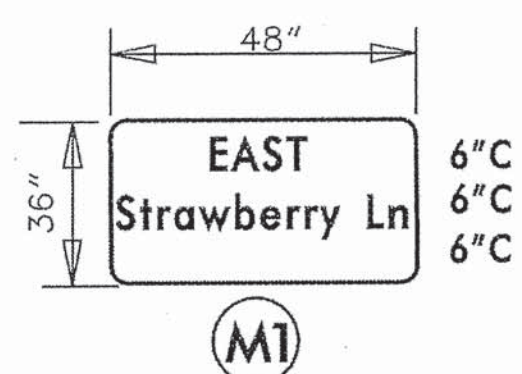
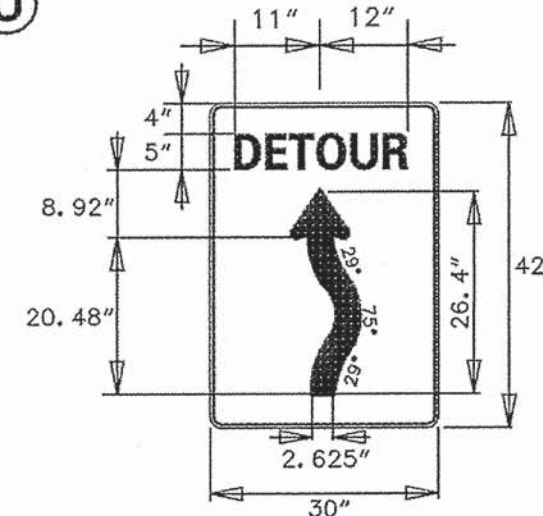
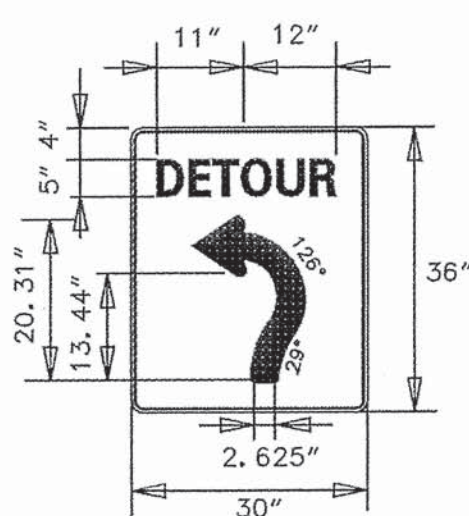
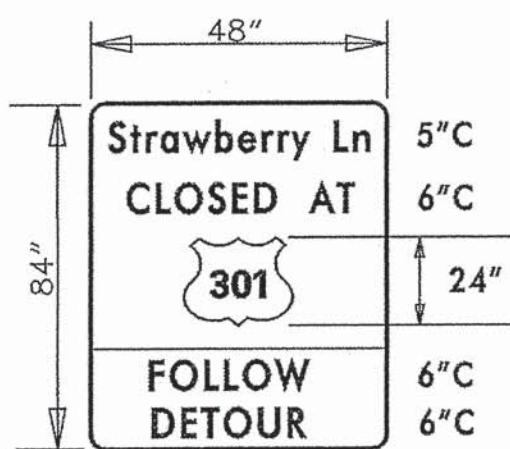
CMS-1

PRIOR TO DETOUR
(10 DAYS PRIOR TO BEGINNING OF DETOUR)

STRAW
BERRY
LANE

TO CLOSE
STARTING
XXXXXX

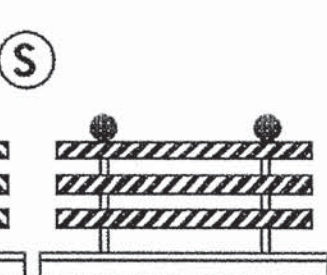
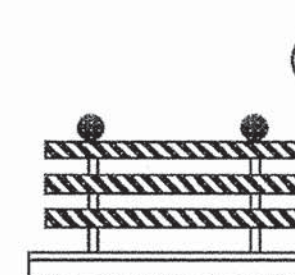
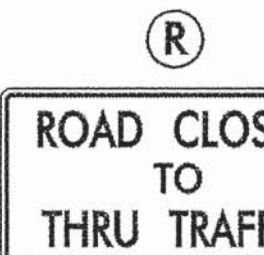
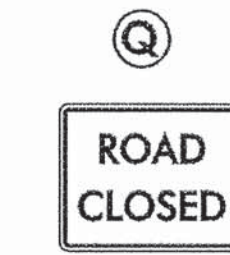
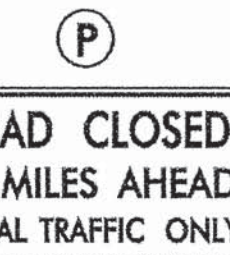
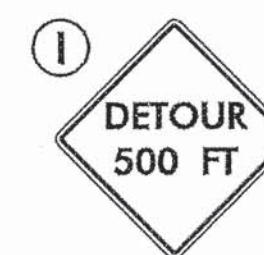
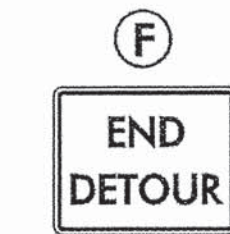
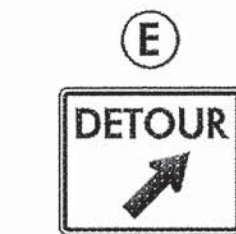
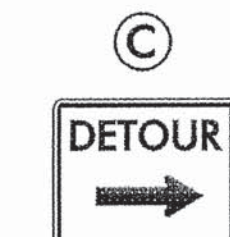
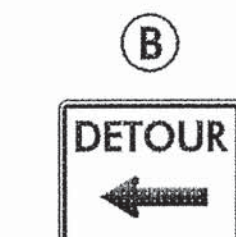
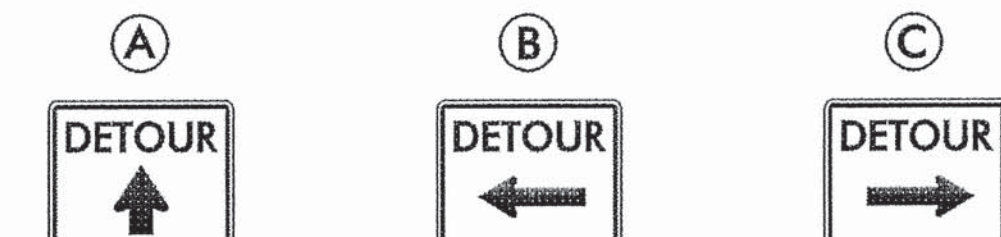
SPECIAL SIGNS



* U Sign shall be mounted on two 4"x6" wood posts that shall be ground mounted and breakaway in accordance with NCHRP 350. (Cost associated with wood posts is incidental to item #743024.)



LEGEND



GENERAL NOTES

- ALL DETOUR SIGNING INCLUDING TRAILBLAZERS, ARE TO BE SUPPLIED AND MAINTAINED BY THE GENERAL CONTRACTOR IN COMPLIANCE TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- THE CONTRACTOR SHALL COMPLY WITH GUIDELINES IN "THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (DE- MUTCD PART 6) FOR LIGHTS, BARRICADES AND SIGNS.(AS PER LATEST REVISION)
- FIELD CONDITIONS MAY DICTATE CHANGES AT SOME TIME DURING THE LIFE OF THE CONTRACT. IN THE EVENT OF OMISSIONS OR CORRECTIONS, THE SIGNING PROVISIONS OF THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES WILL PREVAIL.
- SIGNS J THROUGH L AND P THROUGH R, THE WORD (ROAD) SHOULD BE CHANGED TO RAMP, R/R OR BRIDGE WHERE APPLICABLE.
- WARNING SIGNS SHOULD BE MOUNTED ON BREAKAWAY POSTS AND HAVE RETROREFLECTIVE FLUORESCENT SHEETING.
- "S" BARRICADES SHALL COMPLETELY RUN THE FULL WIDTH OF ROADWAY.
- BARRICADES SHALL BE A MINIMUM OF 6 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.
- DETOUR TO BE IN PLACE DURING PHASE 2 OF CONSTRUCTION FOR A PERIOD OF APPROXIMATELY 10 MONTHS.

RECOMMENDED _____ DATE: _____

RECOMMENDED _____ DATE: _____

RECOMMENDED _____ DATE: _____

APPROVED CHIEF SAFETY OFFICER _____ DATE: 9-17-12

APPROVED TRAFFIC ENGINEER _____ DATE: 9/17/12

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUM / REVISIONS

NOT TO SCALE

US 301 MARYLAND STATE LINE TO LEVELS ROAD

CONTRACT	ROAD NO.	N 445
T20081301	DESIGNED BY:	TLM
COUNTY	CHECKED BY:	PAH
NEW CASTLE		

PHASE 2 DETOUR PLAN	SHEET NO.
STRAWBERRY LANE	645
	TOTAL SHTS.
	850

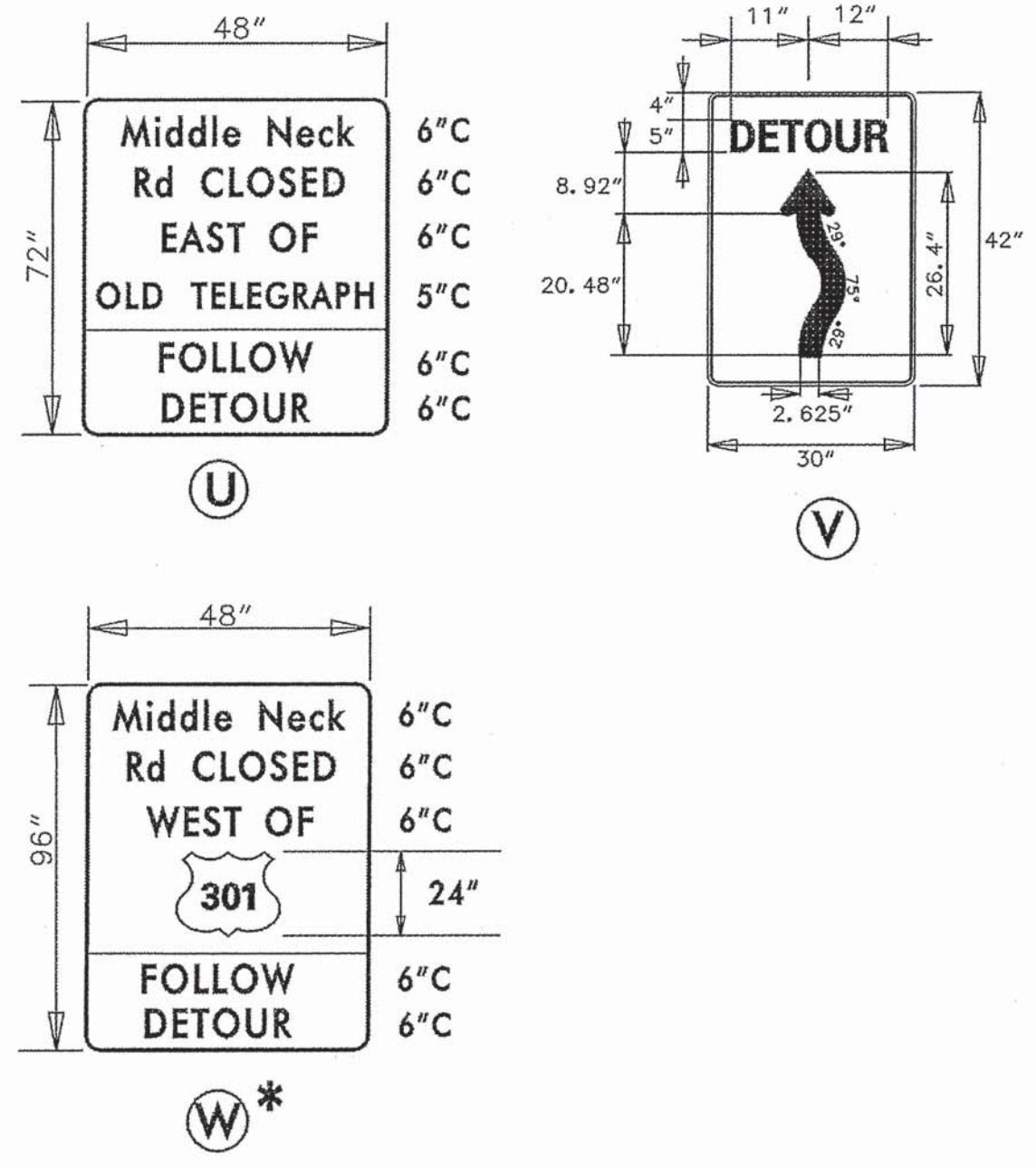
CHANGEABLE MESSAGE BOARDS

CMS-1
 PRIOR TO DETOUR
 (10 DAYS PRIOR TO BEGINNING OF DETOUR)

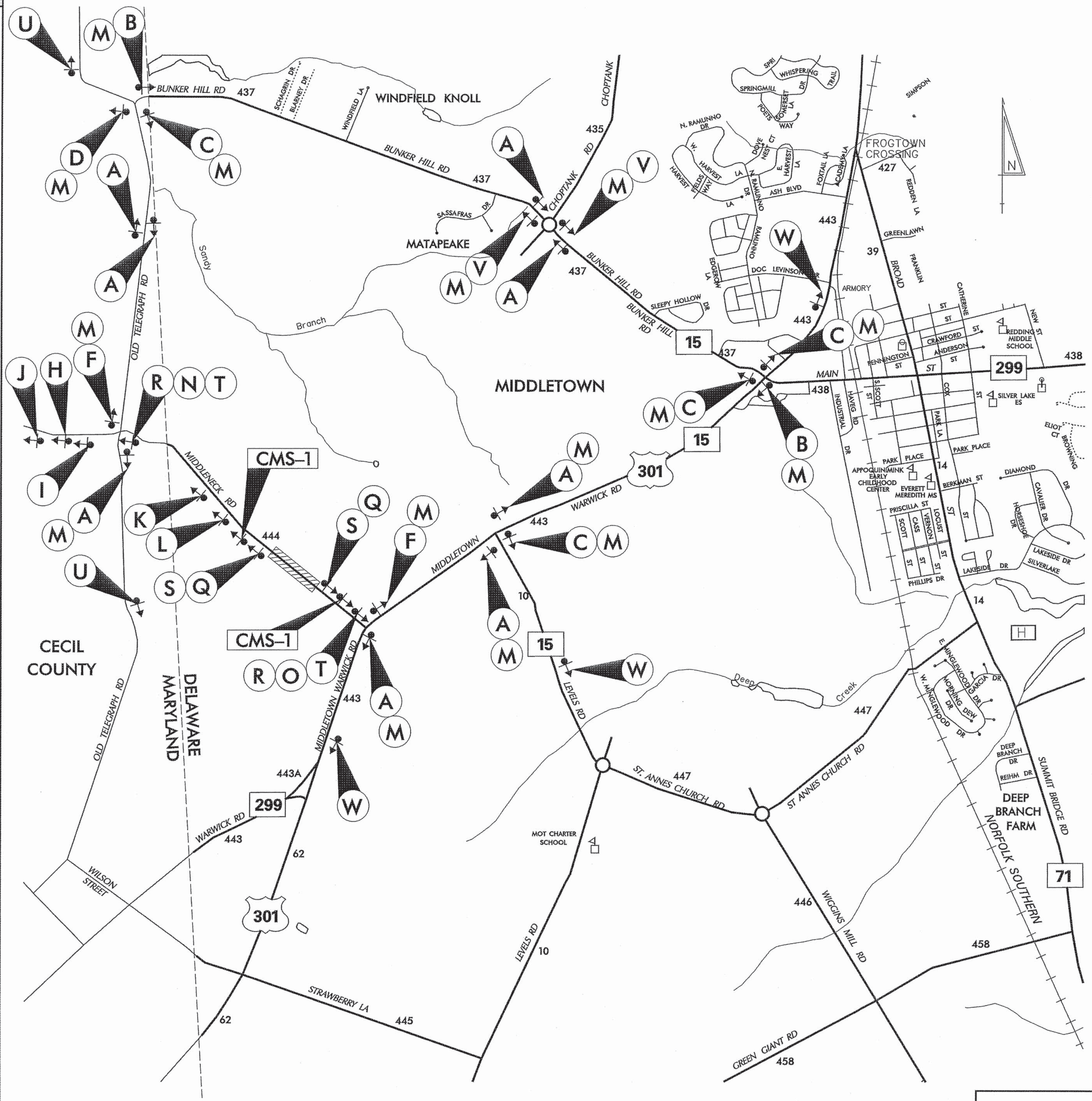
MIDDLE NECK ROAD

TO CLOSE STARTING XXXXXX

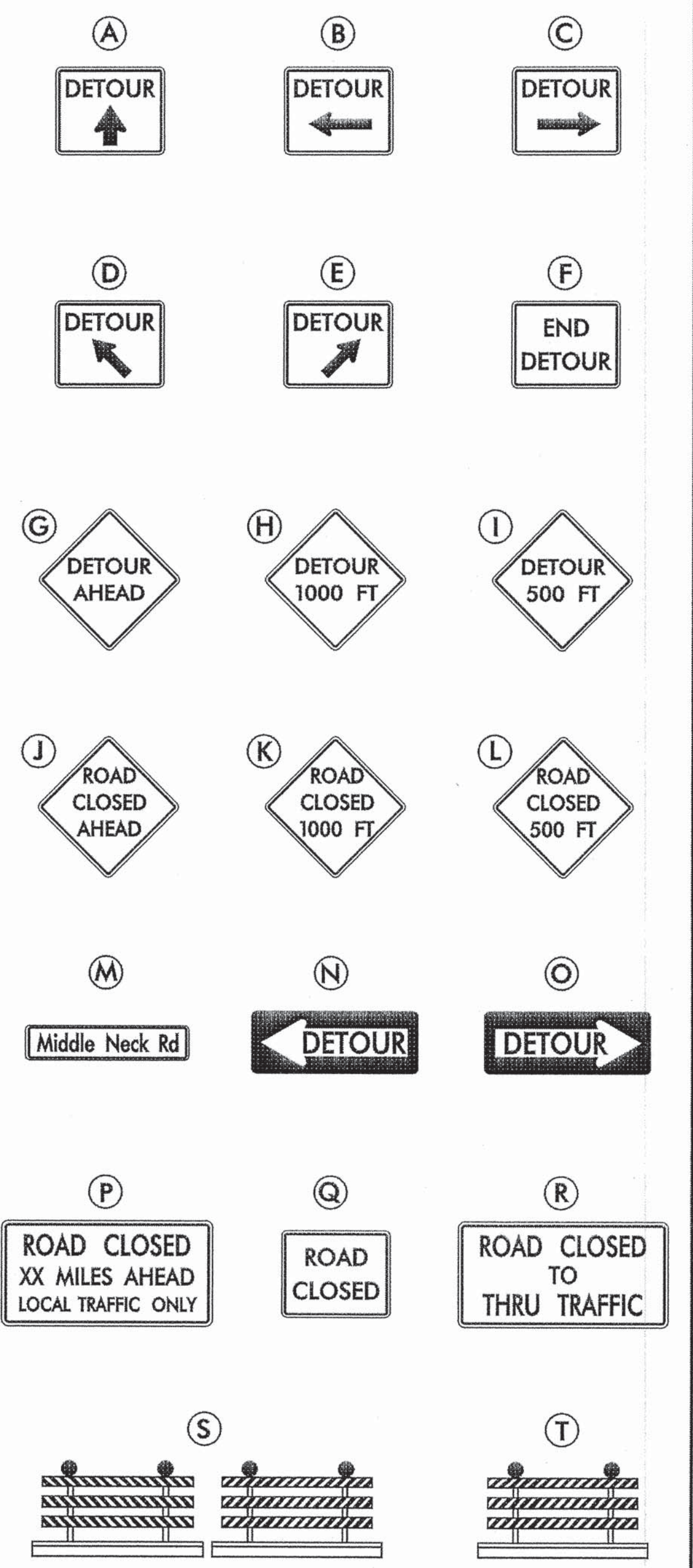
SPECIAL SIGNS



* W Sign shall be mounted on two 4"x6" wood posts that shall be ground mounted and breakaway in accordance with NCHRP 350. (Cost associated with wood posts is incidental to item #743024.)



LEGEND



GENERAL NOTES

- ALL DETOUR SIGNING INCLUDING TRAILBLAZERS, ARE TO BE SUPPLIED AND MAINTAINED BY THE GENERAL CONTRACTOR IN COMPLIANCE TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- THE CONTRACTOR SHALL COMPLY WITH GUIDELINES IN "THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (DE-MUTCD PART 6)" FOR LIGHTS, BARRICADES AND SIGNS. (AS PER LATEST REVISION)
- FIELD CONDITIONS MAY DICTATE CHANGES AT SOME TIME DURING THE LIFE OF THE CONTRACT. IN THE EVENT OF OMISSIONS OR CORRECTIONS, THE SIGNING PROVISIONS OF THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES WILL PREVAIL.
- SIGNS J THROUGH L AND P THROUGH R, THE WORD (ROAD) SHOULD BE CHANGED TO RAMP, R/R OR BRIDGE WHERE APPLICABLE.
- WARNING SIGNS SHOULD BE MOUNTED ON BREAKAWAY POSTS AND HAVE RETROREFLECTIVE FLUORESCENT SHEETING.
- "S" BARRICADES SHALL COMPLETELY RUN THE FULL WIDTH OF ROADWAY.
- BARRICADES SHALL BE A MINIMUM OF 6 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.
- DETOUR TO BE IN PLACE DURING PHASE 2 OF CONSTRUCTION FOR A PERIOD OF APPROXIMATELY 10 MONTHS.

DP-02

RECOMMENDED DATE: _____ APPROVED CHIEF SAFETY OFFICER: _____ DATE: 9-17-22 APPROVED TRAFFIC ENGINEER: _____ DATE: 9/17/22

CHANGEABLE MESSAGE BOARDS

CMS-1
PRIOR TO DETOUR
(10 DAYS PRIOR TO BEGINNING OF DETOUR)

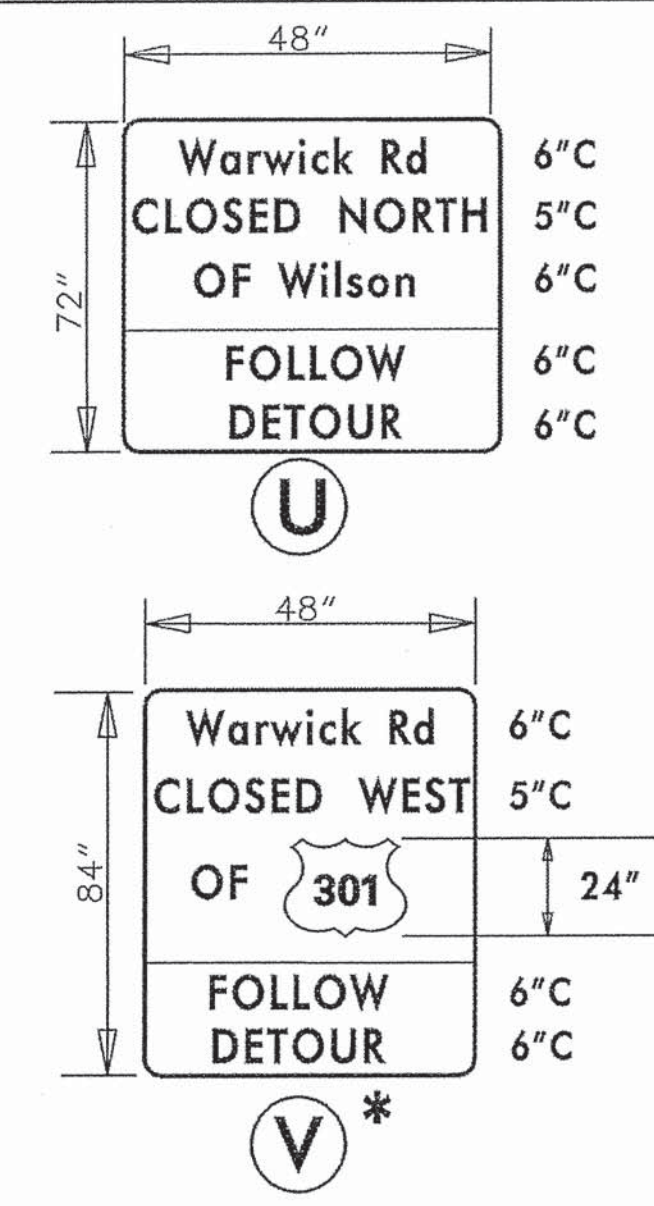
WARWICK ROAD **TO CLOSE STARTING XXXXXX**

DURING DETOUR

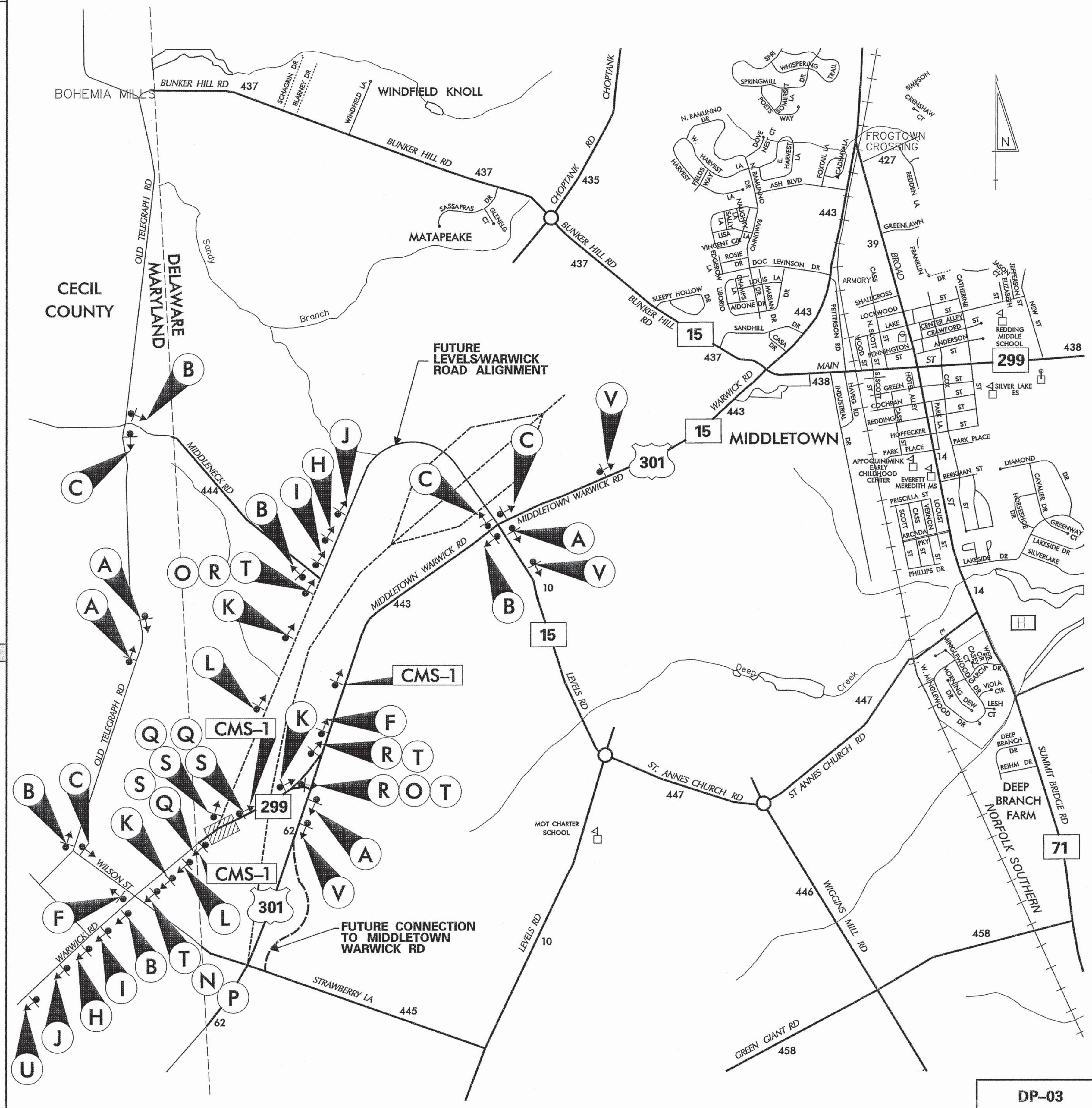
WARWICK ROAD **CLOSED FOLLOW DETOUR**

DURING DETOUR

SPECIAL SIGNS



* **V** Sign shall be mounted on two 4"x6" wood posts that shall be ground mounted and breakaway in accordance with NCHRP 350. (Costs associated with wood posts is incidental to item #743024.)



LEGEND

A DETOUR ↑

B DETOUR ←

C DETOUR →

D DETOUR ↙

E DETOUR ↗

F END DETOUR

G DETOUR AHEAD

H DETOUR 1000 FT

I DETOUR 500 FT

J ROAD CLOSED AHEAD

K ROAD CLOSED 1000 FT

L ROAD CLOSED 500 FT

M ROAD NAME

N DETOUR ←

O DETOUR →

P ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY

Q ROAD CLOSED

R ROAD CLOSED TO THRU TRAFFIC

S BARRICADE

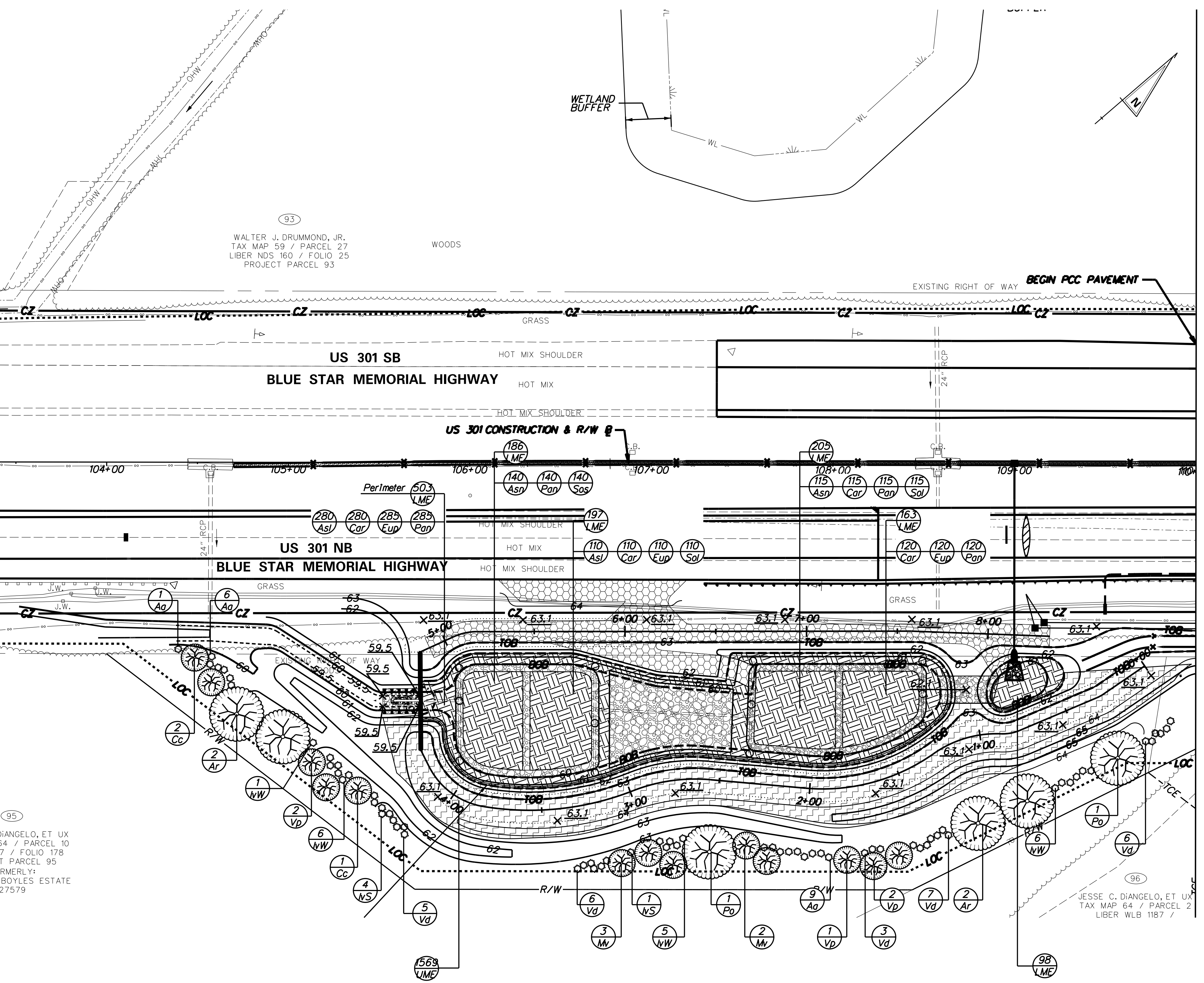
T BARRICADE

GENERAL NOTES

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- WARNING SIGNS SHOULD BE MOUNTED ON BREAKAWAY POSTS AND HAVE RETROREFLECTIVE FLUORESCENT SHEETING.
- "S" BARRICADES SHALL COMPLETELY RUN THE FULL WIDTH OF ROADWAY.
- BARRICADES SHALL BE A MINIMUM OF 6 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.
- DETOUR TO BE IN PLACE DURING PHASE 3 OF CONSTRUCTION FOR A PERIOD OF APPROXIMATELY 2 WEEKS.

RECOMMENDED _____ DATE: _____ RECOMMENDED _____ DATE: _____ RECOMMENDED _____ DATE: _____ APPROVED CHIEF SAFETY OFFICER: _____ DATE: 9-17-12 APPROVED TRAFFIC ENGINEER: _____ DATE: 9/17/12

LANDSCAPE PLANTING SCHEDULE		
KEY	PLANTING DESCRIPTION	QUANTITY
MAJOR DECIDUOUS TREES		
Ar	<i>Acer rubrum</i> 'Red Sunset'	4
Po	<i>Platanus occidentalis</i>	2
MINOR DECIDUOUS TREES		
Cc	<i>Cercis canadensis</i>	3
Mv	<i>Magnolia virginiana</i>	5
Vp	<i>Viburnum prunifolium</i>	5
SHRUBS		
Aa	<i>Aronia arbutifolia</i> 'Brilliantissima'	16
IvS	<i>Ilex verticillata</i> 'Southern Gentleman'	5
IvW	<i>Ilex verticillata</i> 'Winter Red'	18
Vd	<i>Viburnum dentatum</i>	27
PLUGS		
Asl	<i>Aster lateriflorus</i>	390
Asn	<i>Aster novae-angliae</i>	255
Car	<i>Carex typhina</i>	625
Eup	<i>Eupatorium dubium</i>	515
Pan	<i>Panicum virgatum</i>	660
Sol	<i>Solidago rugosa</i>	225
Sos	<i>Solidago sempervirens</i>	140
OTHER		
LME	Lowland Meadow Establishment Area, SY	1352
UME	Upland Meadow Establishment Area, SY	1569



MATCH LINE STA 110+00 SHEET LS-02

LANDSCAPE LEGEND

- Major Deciduous Tree
- Evergreen Trees
- Minor Deciduous Tree
- Shrubs
- Maintenance Access Road
- Wet Meadow Establishment Area
- Upland Meadow Establishment Area
- Lowland Meadow Establishment and Plug Planting Area

LANDSCAPE NOTES

Refer to Landscape Planting Schedule and Notes sheet for summary of quantities and planting notes.

All areas of disturbance within Maryland that are not indicated to receive a specific seed mixture as detailed on the Landscaping Plans, shall be seeded with Maryland Turtgrass Seed Mix. The Permanent Seeding Summary table as shown on the Erosion Control Plan is the MDE Permanent Seeding minimum standard and has been provided for reference only.

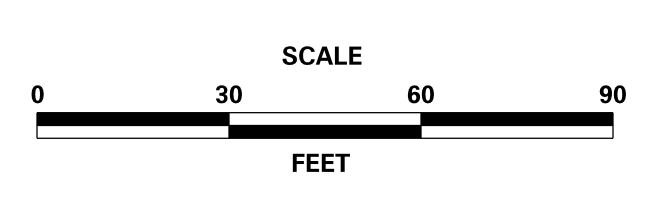
All maintenance access roads shall be seeded with Maryland Turtgrass Seed Mix.

Straw mulch shall not be used in Lowland Meadow Establishment Areas. Only Wood Cellulose Fiber Mulch shall be used in the Lowland Meadow Establishment Areas.

95
 JESSE C. DIANGELO, ET UX
 TAX MAP 64 / PARCEL 10
 LIBER 1187 / FOLIO 178
 PROJECT PARCEL 95
 FORMERLY:
 WILLIAM J. BOYLES ESTATE
 27579

96
 JESSE C. DIANGELO, ET UX
 TAX MAP 64 / PARCEL 2
 LIBER WLB 1187 /

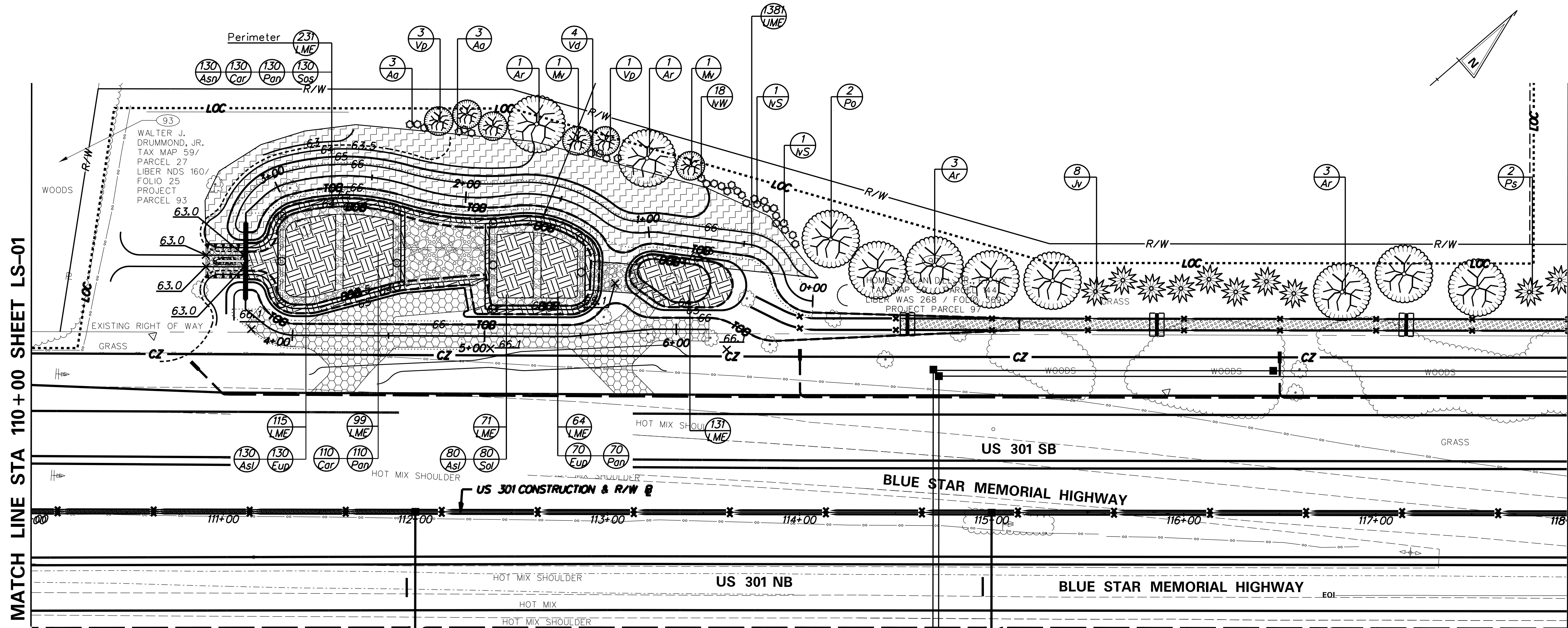
ADDENDUMS / REVISIONS



**US 301
 MARYLAND STATE LINE
 TO LEVELS ROAD**

CONTRACT T200811301	BRIDGE NO.
COUNTY CECIL	DESIGNED BY: DMS CHECKED BY: AJC

LANDSCAPING PLAN	SHEET NO. 648
	TOTAL SHTS. 850



MATCH LINE STA 110+00 SHEET LS-01

MATCH LINE STA 118+00 SHEET LS-03

LANDSCAPE LEGEND

- Major Deciduous Tree
- Evergreen Trees
- Minor Deciduous Tree
- Shrubs
- Maintenance Access Road
- Wet Meadow Establishment Area
- Upland Meadow Establishment Area
- Lowland Meadow Establishment and Plug Planting Area

LANDSCAPE PLANTING SCHEDULE		
KEY	PLANTING DESCRIPTION	QUANTITY
MAJOR DECIDUOUS TREES		
Ar	Acer rubrum 'Red Sunset'	10
Po	Platanus occidentalis	7
EVERGREEN TREES		
Jv	Juniperus virginiana	13
Ps	Pinus strobus	9
MINOR DECIDUOUS TREES		
Mv	Magnolia virginiana	2
Vp	Viburnum prunifolium	4
SHRUBS		
Aa	Aronia arbutifolia 'Brilliantissima'	6
IvS	Ilex verticillata 'Southern Gentleman'	2
IvW	Ilex verticillata 'Winter Red'	18
Vd	Viburnum dentatum	4
PLUGS		
Asl	Aster lateriflorus	210
Asn	Aster novae-angliae	130
Car	Carex typhina	240
Eup	Eupatorium dubium	200
Pan	Panicum virgatum	310
Sol	Solidago rugosa	80
Sos	Solidago sempervirens	130
OTHER		
LME	Lowland Meadow Establishment Area, SY	711
UME	Upland Meadow Establishment Area, SY	1381

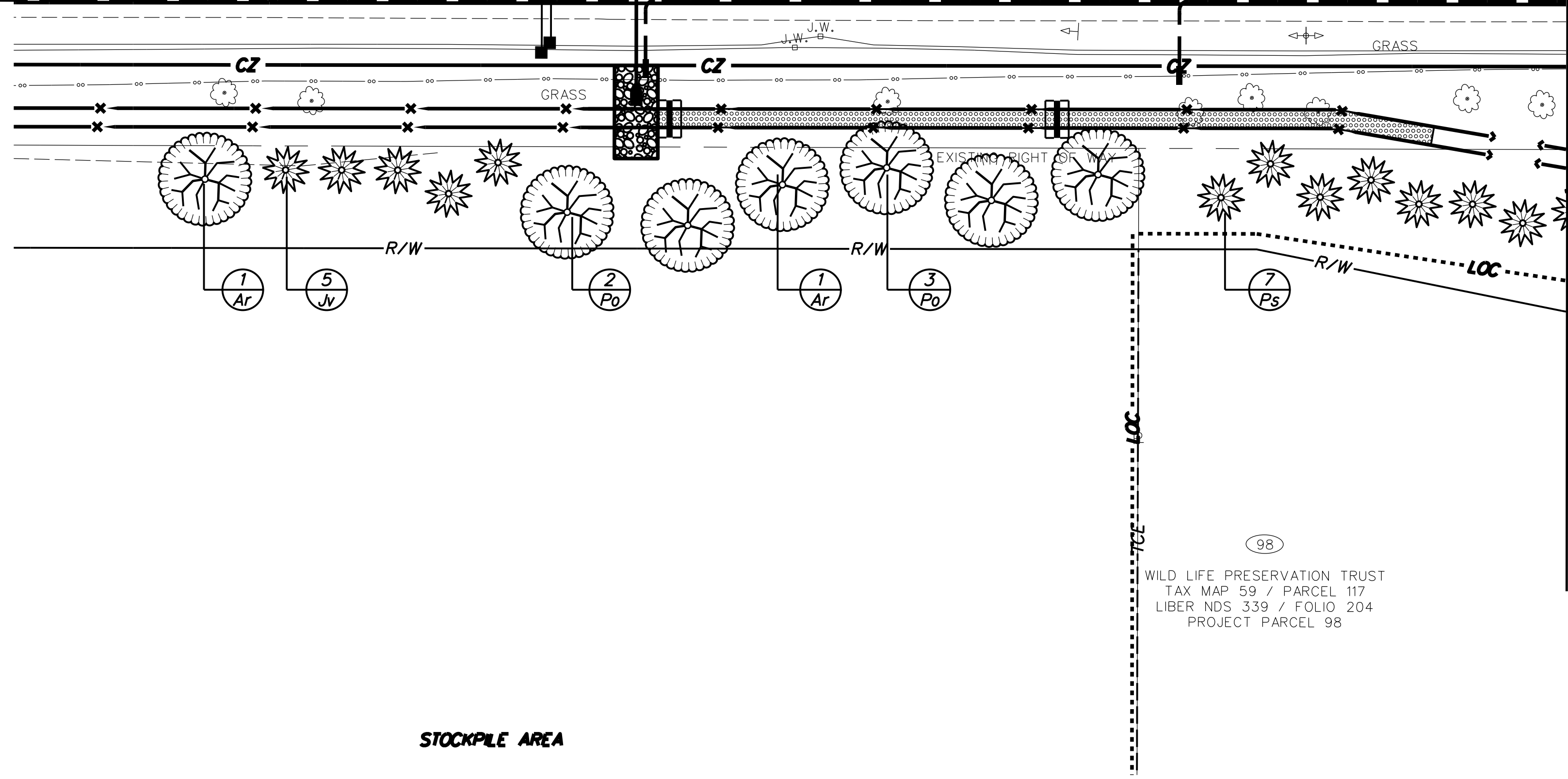
LANDSCAPE NOTES

Refer to Landscape Planting Schedule and Notes sheet for summary of quantities and planting notes.

All areas of disturbance within Maryland that are not indicated to receive a specific seed mixture as detailed on the Landscaping Plans, shall be seeded with Maryland Turfgrass Seed Mix. The Permanent Seeding Summary table as shown on the Erosion Control Plan is the MDE Permanent Seeding minimum standard and has been provided for reference only.

All maintenance access roads shall be seeded with Maryland Turfgrass Seed Mix.

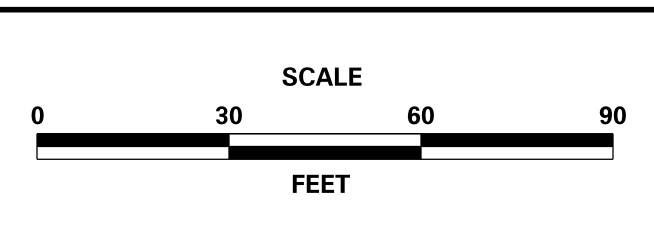
Straw mulch shall not be used in Lowland Meadow Establishment Areas. Only Wood Cellulose Fiber Mulch shall be used in the Lowland Meadow Establishment Areas.



STOCKPILE AREA



ADDENDUMS / REVISIONS	



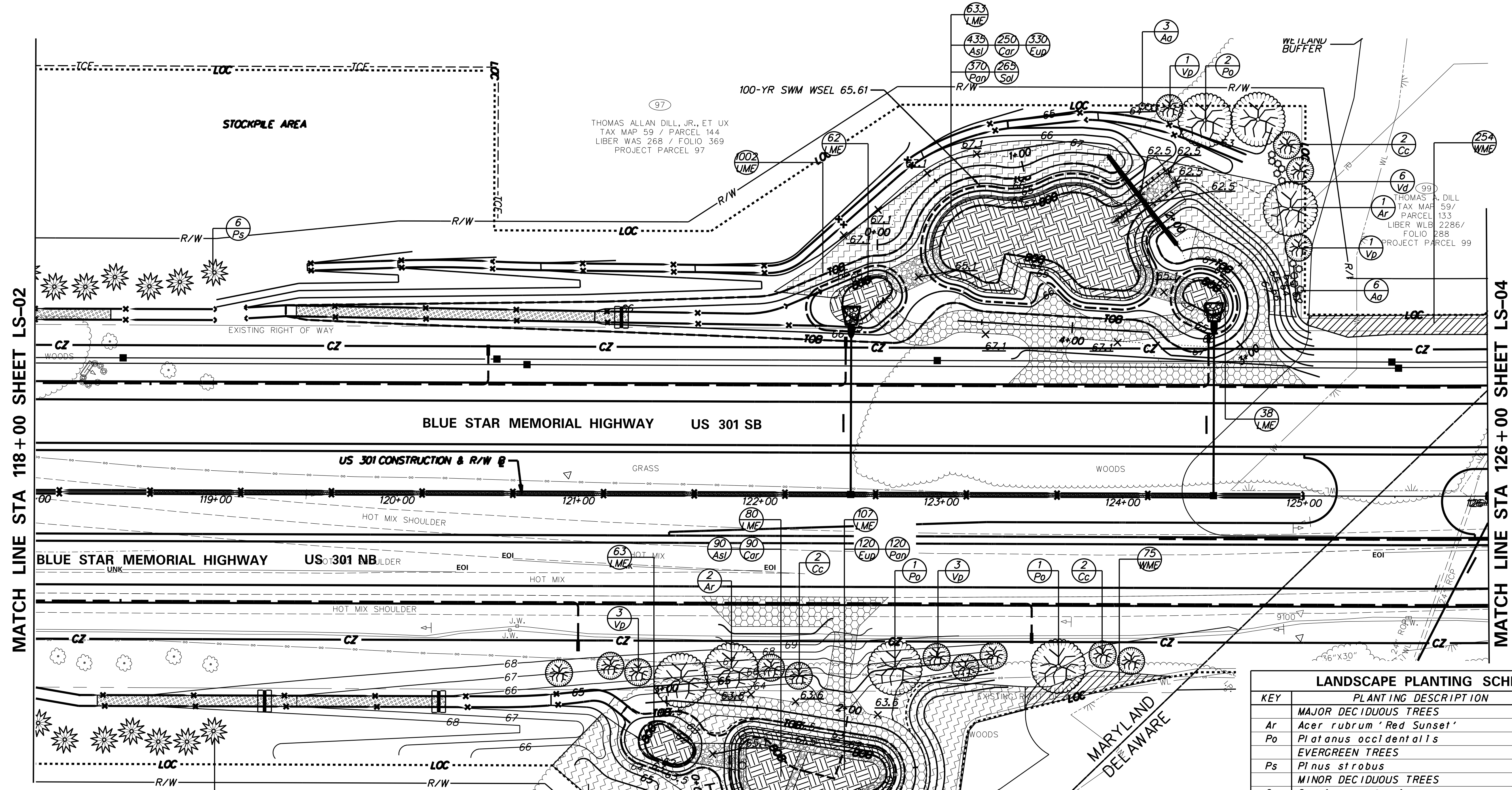
US 301 MARYLAND STATE LINE TO LEVELS ROAD

CONTRACT T200811301	BRIDGE NO.
COUNTY CECIL	DESIGNED BY: DMS CHECKED BY: AJC

LANDSCAPING PLAN

SHEET NO. 649
TOTAL SHTS. 850

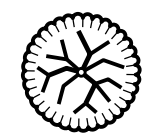
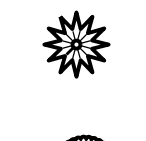
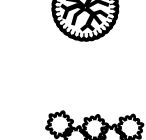
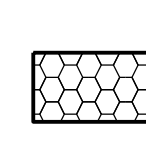
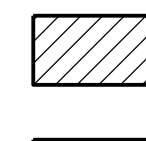
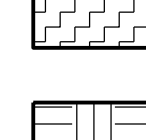
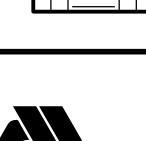

LS-02



MATCH LINE STA 118+00 SHEET LS-02

MATCH LINE STA 126+00 SHEET LS-04

LANDSCAPE LEGEND

-  Major Deciduous Tree
-  Evergreen Trees
-  Minor Deciduous Tree
-  Shrubs
-  Maintenance Access Road
-  Wet Meadow Establishment Area
-  Upland Meadow Establishment Area
-  Lowland Meadow Establishment and Plug Planting Area

LANDSCAPE NOTES

Refer to Landscape Planting Schedule and Notes sheet for summary of quantities and planting notes.

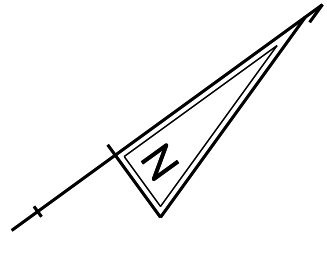
All areas of disturbance within Maryland that are not indicated to receive a specific seed mixture as detailed on the Landscaping Plans, shall be seeded with Maryland Turfgrass Seed Mix. The Permanent Seeding Summary table as shown on the Erosion Control Plan is the MDE Permanent Seeding minimum standard and has been provided for reference only.

All maintenance access roads shall be seeded with Maryland Turfgrass Seed Mix.

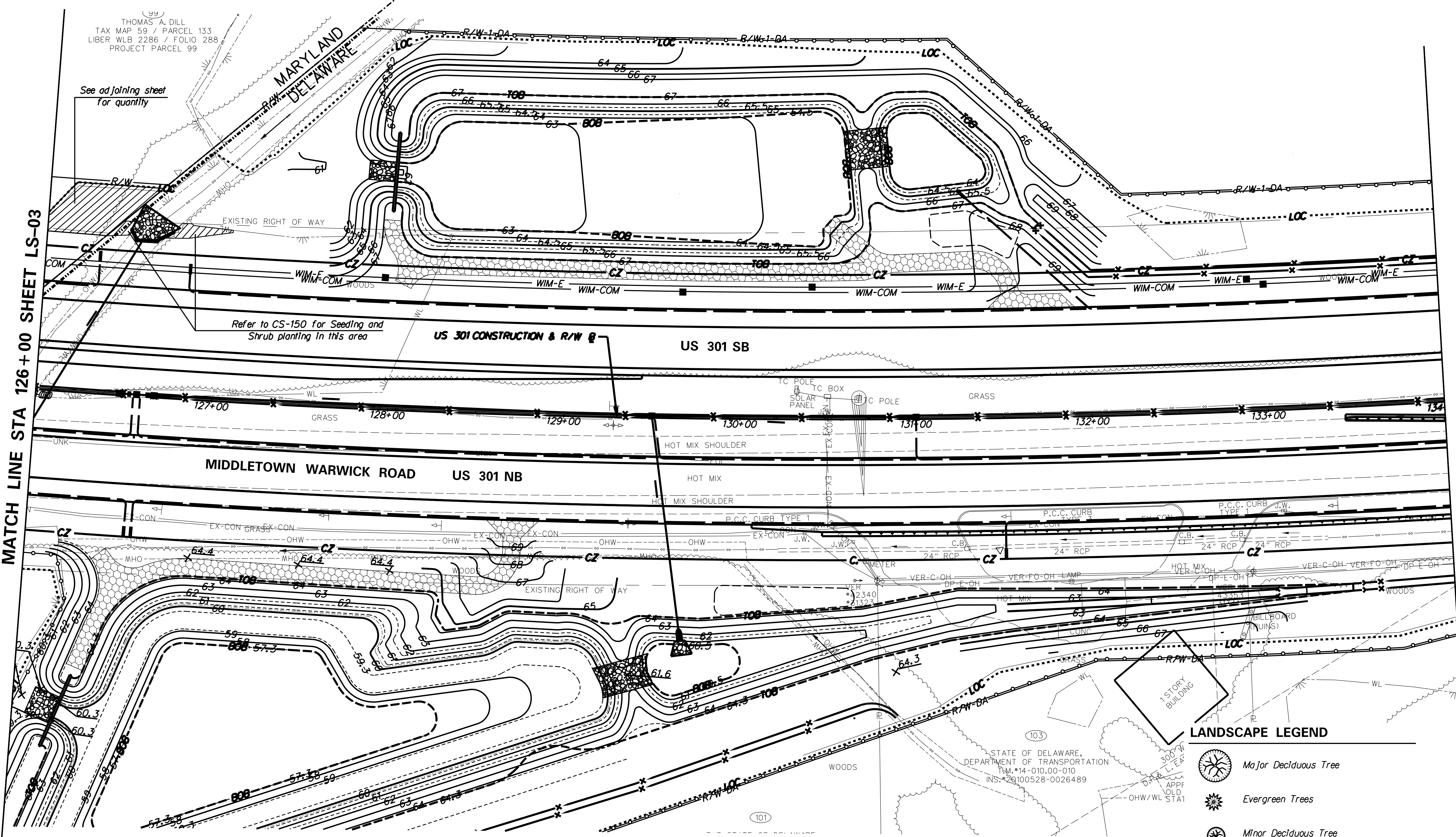
Straw mulch shall not be used in Lowland Meadow Establishment Areas. Only Wood Cellulose Fiber Mulch shall be used in the Lowland Meadow Establishment Areas.

LANDSCAPE PLANTING SCHEDULE		
KEY	PLANTING DESCRIPTION	QUANTITY
MAJOR DECIDUOUS TREES		
Ar	<i>Acer rubrum</i> 'Red Sunset'	4
Po	<i>Platanus occidentalis</i>	5
EVERGREEN TREES		
Ps	<i>Pinus strobus</i>	13
MINOR DECIDUOUS TREES		
Cc	<i>Cercis canadensis</i>	6
Mv	<i>Magnolia virginiana</i>	4
Vp	<i>Viburnum prunifolium</i>	9
SHRUBS		
Aa	<i>Aronia arbutifolia</i> 'Brilliantissima'	9
Vd	<i>Viburnum dentatum</i>	16
PLUGS		
Asl	<i>Aster lateriflorus</i>	525
Asn	<i>Aster novae-angliae</i>	110
Car	<i>Carex typhina</i>	340
Eup	<i>Eupatorium dubium</i>	560
Pan	<i>Panicum virgatum</i>	600
Sol	<i>Solidago rugosa</i>	265
OTHER		
LME	Lowland Meadow Establishment Area, SY	1130
UME	Upland Meadow Establishment Area, SY	2276
WME	Wet Meadow Establishment, SY	454

THOMAS A. DILL
TAX MAP 59 / PARCEL 133
LIBER WLB 2286 / FOLIO 288
PROJECT PARCEL 99



MATCH LINE STA 126+00 SHEET LS-03



See adjoining sheet
for quantity

Refer to CS-150 for Seeding and
Shrub planting in this area

US 301 CONSTRUCTION & R/W @
US 301 SB

MIDDLETOWN WARWICK ROAD
US 301 NB

LANDSCAPE LEGEND

-  Major Deciduous Tree
-  Evergreen Trees
-  Minor Deciduous Tree
-  Shrubs
-  Maintenance Access Road
-  Wet Meadow Establishment Area
-  Upland Meadow Establishment Area
-  Lowland Meadow Establishment and Plug Planting Area

LANDSCAPE NOTES

Refer to Landscape Planting Schedule and Notes sheet for summary of quantities and planting notes.

All areas of disturbance within Maryland that are not indicated to receive a specific seed mixture as detailed on the Landscaping Plans, shall be seeded with SHA Turfgrass Seed Mix. The Permanent Seeding Summary table as shown on the Erosion Control Plan is the MDE Permanent Seeding minimum standard and has been provided for reference only.

All maintenance access roads shall be seeded with SHA Turfgrass Seed Mix.

LANDSCAPE PLANTING SCHEDULE

NO.	PLANTING DESCRIPTION	QUANTITY
See adjoining sheet for planting schedule.		

ADDENDUMS / REVISIONS



**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

CONTRACT T20081301	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: DMS
	CHECKED BY: AJC

LANDSCAPING PLAN

LS-04	SHEET NO. 651
	TOTAL SHTS. 850



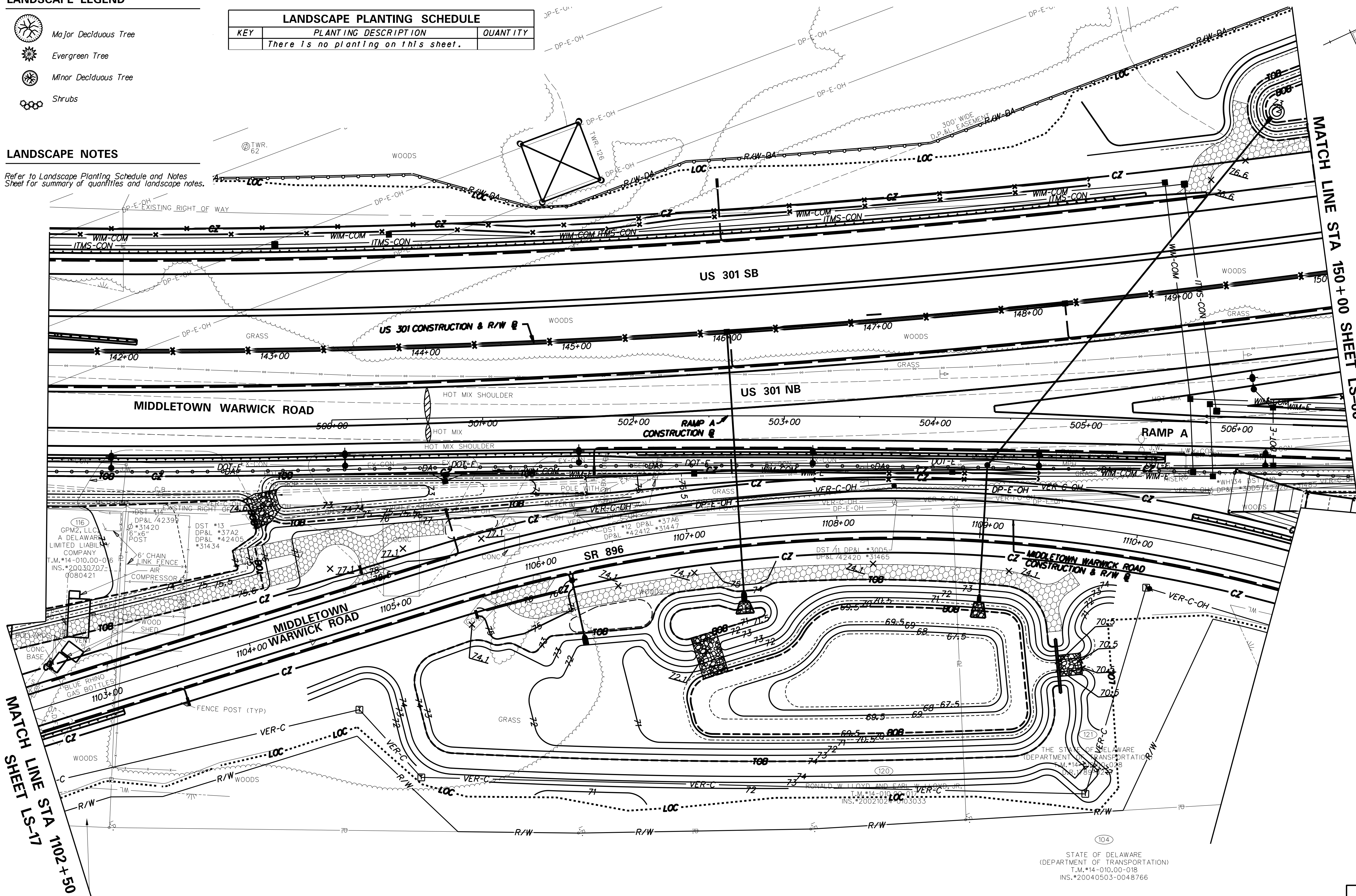
LANDSCAPE LEGEND

-  Major Deciduous Tree
-  Evergreen Tree
-  Minor Deciduous Tree
-  Shrubs

LANDSCAPE PLANTING SCHEDULE		
KEY	PLANTING DESCRIPTION	QUANTITY
	There is no planting on this sheet.	

LANDSCAPE NOTES

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

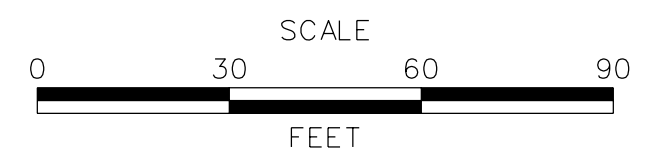


MATCH LINE STA 150+00 SHEET LS-06

MATCH LINE STA 1102+50 SHEET LS-17



ADDENDUMS / REVISIONS	



**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

CONTRACT T200811301	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: DMS CHECKED BY: AJC

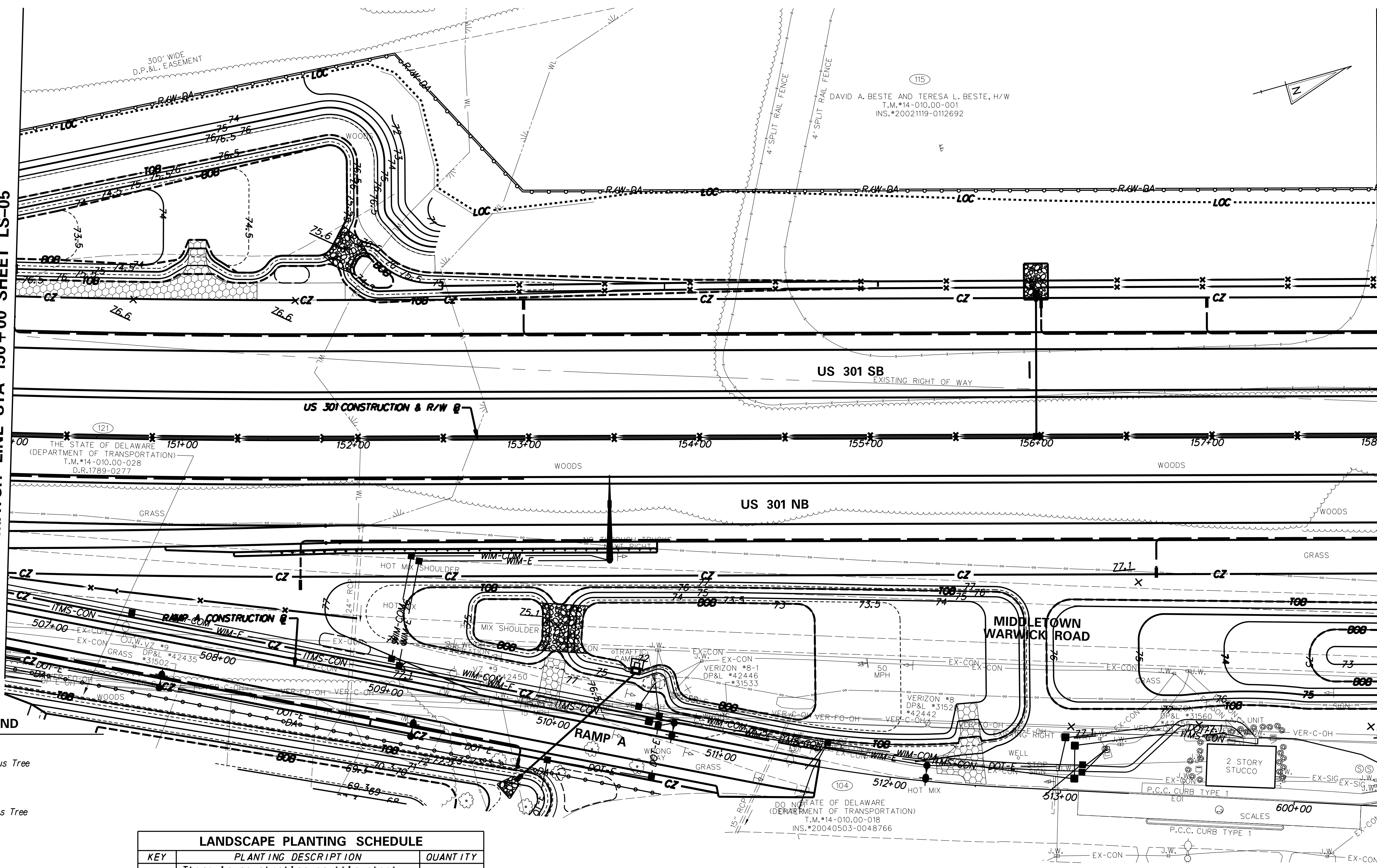
LANDSCAPE PLAN

LS-05	SHEET NO. 652
	TOTAL SHTS. 850





STATE OF DELAWARE
(DEPARTMENT OF TRANSPORTATION)
T.M.#14-010.00-018
INS.#20040503-0048766

MATCH LINE STA 150+00 SHEET LS-05

MATCH LINE STA 158+00 SHEET LS-07



LANDSCAPE LEGEND

-  Major Deciduous Tree
-  Evergreen Tree
-  Minor Deciduous Tree
-  Shrubs

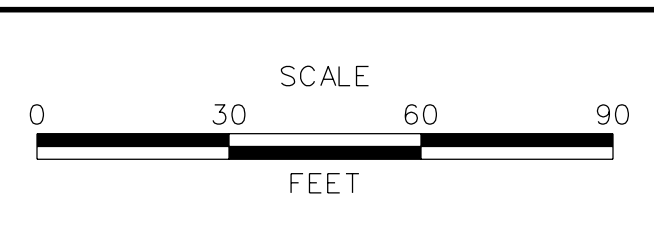
LANDSCAPE PLANTING SCHEDULE		
KEY	PLANTING DESCRIPTION	QUANTITY
	There is no planting on this sheet.	

LANDSCAPE NOTES

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



ADDENDUMS / REVISIONS	



US 301 MARYLAND STATE LINE TO LEVELS ROAD

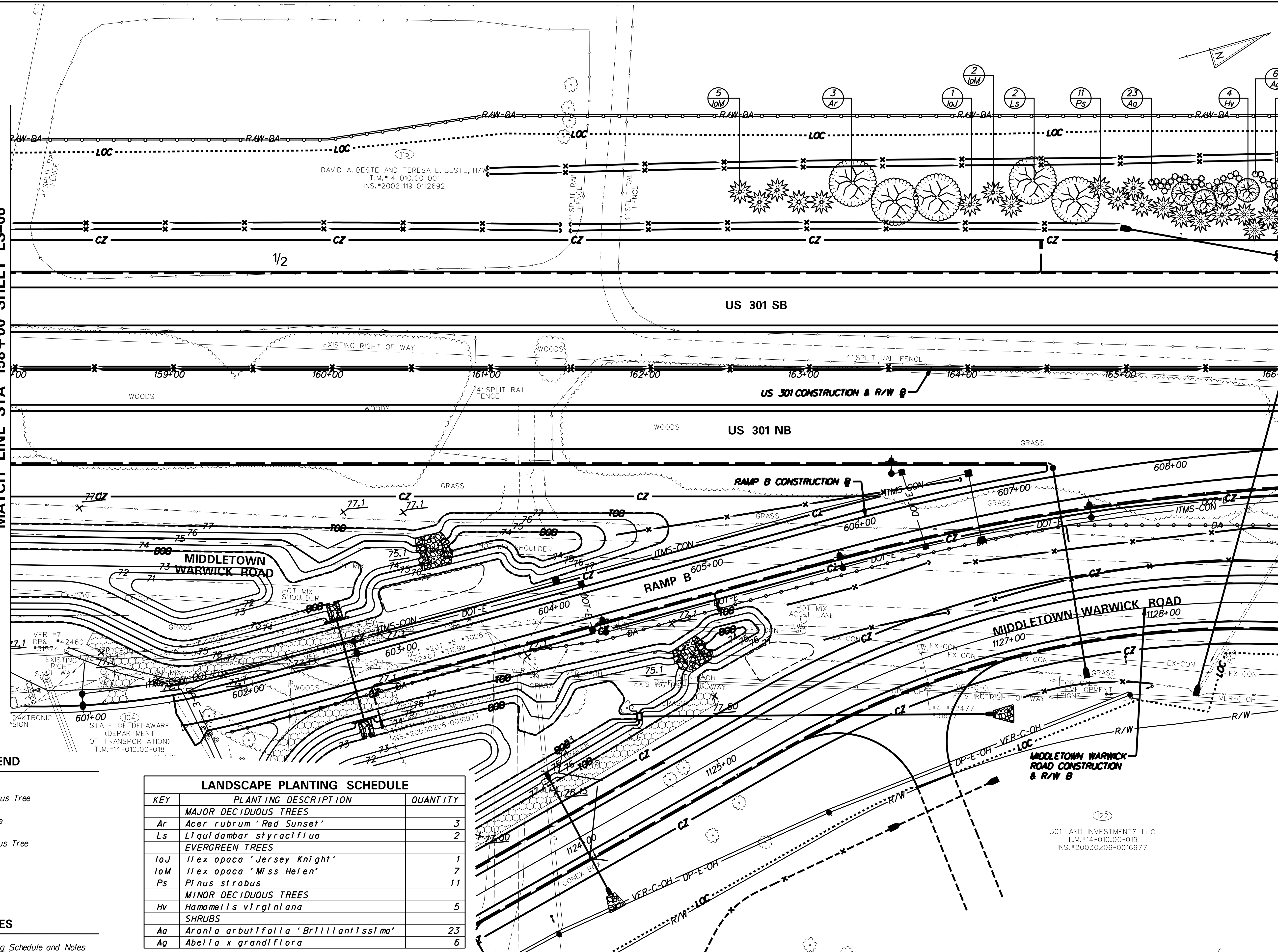
CONTRACT T200811301	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: DMS CHECKED BY: AJC

LANDSCAPING PLAN

LS-06	SHEET NO. 653
	TOTAL SHTS. 850

MATCH LINE STA 158+00 SHEET LS-06

MATCH LINE STA 166+00 SHEET LS-08



DAVID A. BESTE AND TERESA L. BESTE, H/W
T.M.#14-010.00-001
INS.#20021119-0112692

301 LAND INVESTMENTS LLC
T.M.#14-010.00-019
INS.#20030206-0016977

LANDSCAPE LEGEND

- Major Deciduous Tree
- Evergreen Tree
- Minor Deciduous Tree
- Shrubs

KEY	PLANTING DESCRIPTION	QUANTITY
MAJOR DECIDUOUS TREES		
Ar	<i>Acer rubrum</i> 'Red Sunset'	3
Ls	<i>Liquidambar styraciflua</i>	2
EVERGREEN TREES		
IoJ	<i>Ilex opaca</i> 'Jersey Knight'	1
IoM	<i>Ilex opaca</i> 'Miss Helen'	7
Ps	<i>Pinus strobus</i>	11
MINOR DECIDUOUS TREES		
Hv	<i>Hamamelis virginiana</i>	5
SHRUBS		
Aa	<i>Aronia arbutifolia</i> 'Brilliantissima'	23
Ag	<i>Abelia x grandiflora</i>	6

LANDSCAPE NOTES

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

ADDENDUMS / REVISIONS



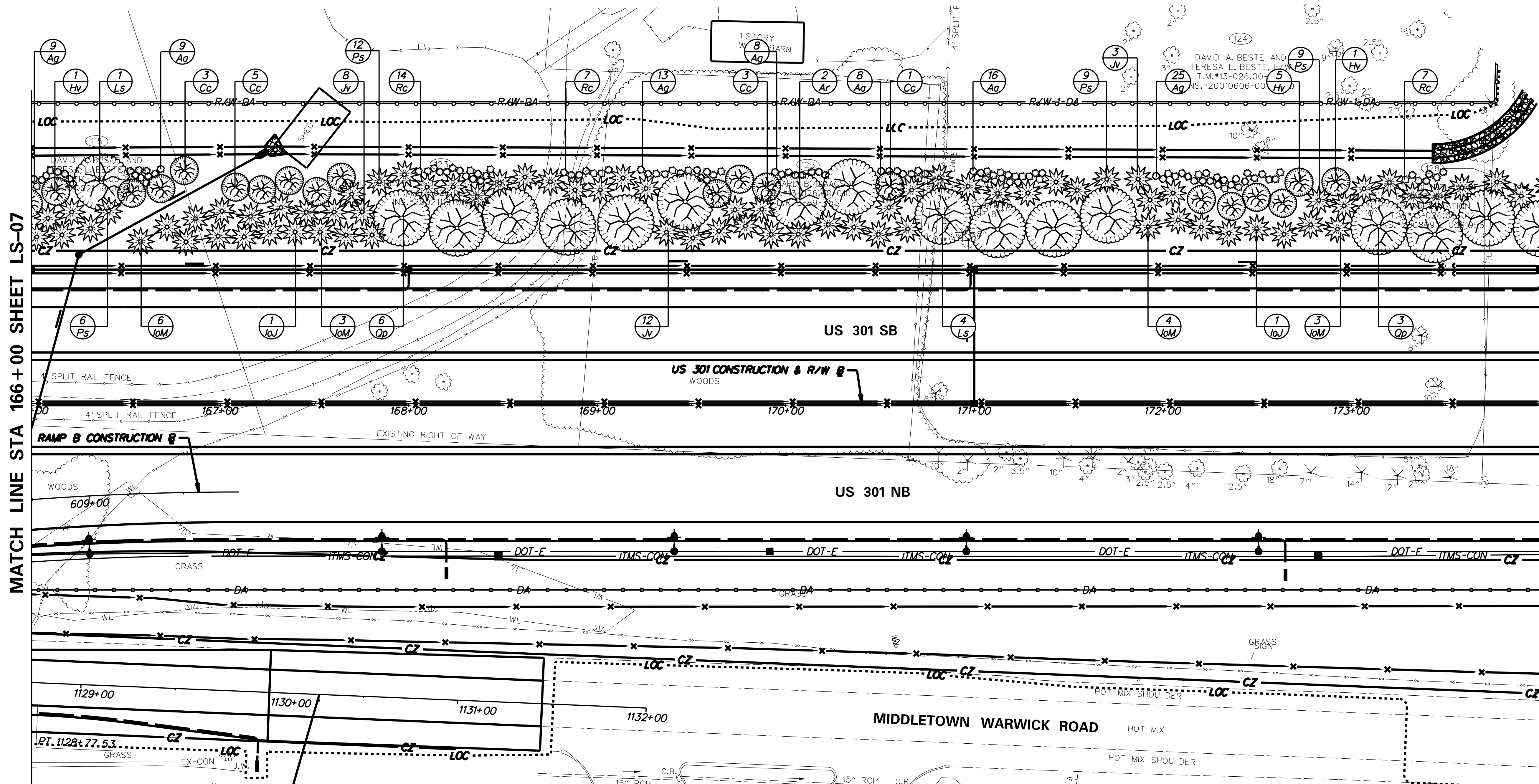
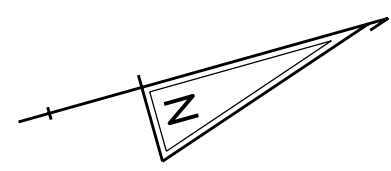
US 301
MARYLAND STATE LINE
TO LEVELS ROAD

CONTRACT T200811301	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: DMS
	CHECKED BY: AJC

LANDSCAPING PLAN

LS-07	SHEET NO. 654
	TOTAL SHTS. 850





MATCH LINE STA 166+00 SHEET LS-07

MATCH LINE STA 174+00 SHEET LS-09

LANDSCAPE LEGEND

- Major Deciduous Tree
- Evergreen Tree
- Minor Deciduous Tree
- Shrubs

LANDSCAPE PLANTING SCHEDULE		
KEY	PLANTING DESCRIPTION	QUANTITY
MAJOR DECIDUOUS TREES		
Ar	<i>Acer rubrum</i> 'Red Sunset'	2
Ls	<i>Liquidambar styraciflua</i>	5
Op	<i>Quercus palustris</i>	9
EVERGREEN TREES		
IoJ	<i>Ilex opaca</i> 'Jersey Knight'	2
IoM	<i>Ilex opaca</i> 'Miss Helen'	16
Jv	<i>Juniperus virginiana</i>	23
Ps	<i>Pinus strobus</i>	36
MINOR DECIDUOUS TREES		
Cc	<i>Cercis canadensis</i>	12
Hv	<i>Hamamelis virginiana</i>	7
SHRUBS		
Aa	<i>Aronia arbutifolia</i> 'Brilliantissima'	33
Ag	<i>Abelia x grandiflora</i>	55
Rc	<i>Rhus copallina</i>	28

LANDSCAPE NOTES

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



ADDENDUMS / REVISIONS

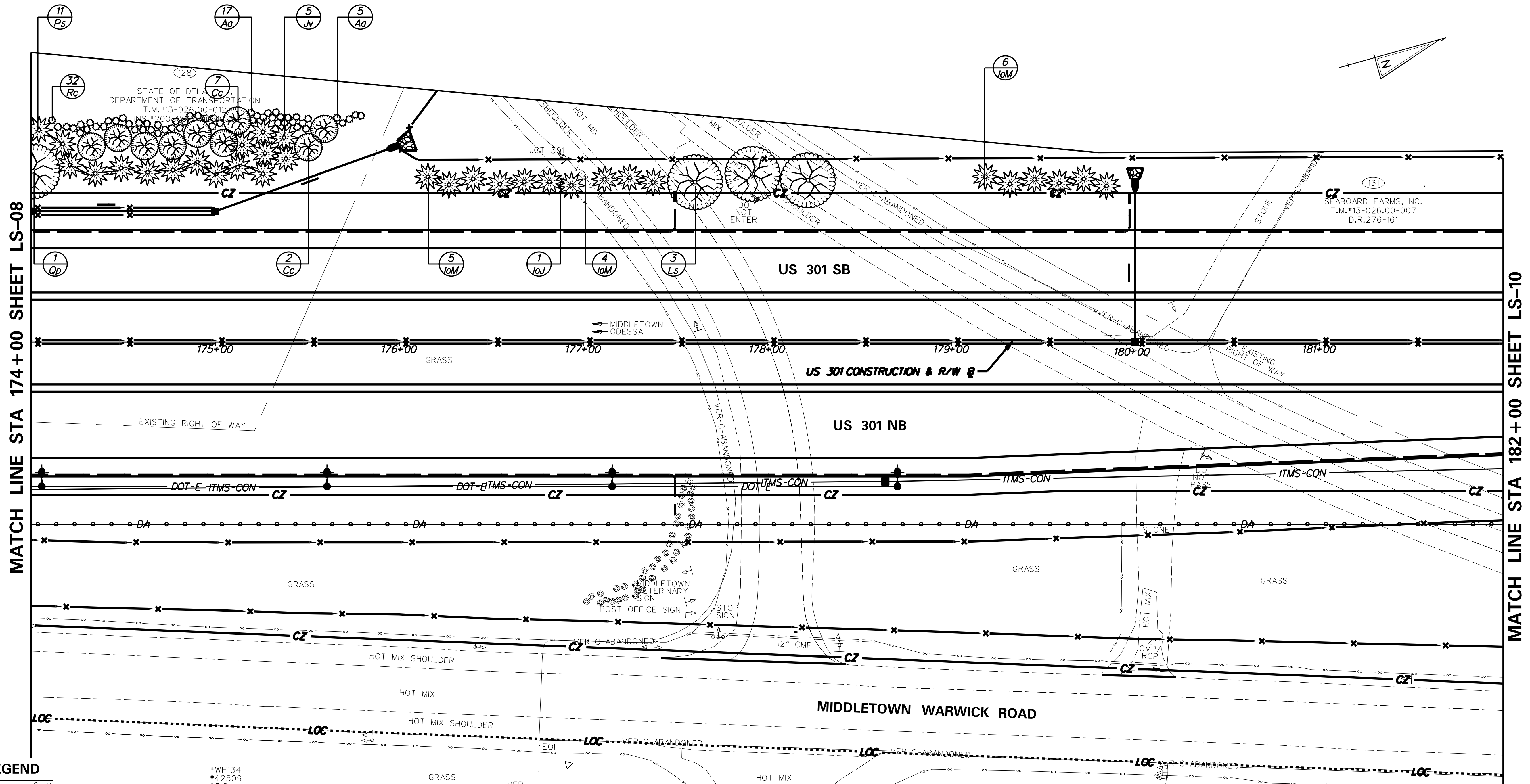


**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

CONTRACT T20081301	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: DMS
	CHECKED BY: AJC

LANDSCAPING PLAN

LS-08	
SHEET NO.	655
TOTAL SHTS.	850



LANDSCAPE LEGEND

- Major Deciduous Tree
- Evergreen Tree
- Minor Deciduous Tree
- Shrubs

*WH134
*42509

LANDSCAPE PLANTING SCHEDULE		
KEY	PLANTING DESCRIPTION	QUANTITY
MAJOR DECIDUOUS TREES		
Ls	<i>Liquidambar styraciflua</i>	3
Op	<i>Quercus palustris</i>	1
EVERGREEN TREES		
IoJ	<i>Ilex opaca 'Jersey Knight'</i>	1
IoM	<i>Ilex opaca 'Miss Helen'</i>	15
Jv	<i>Juniperus virginiana</i>	5
Ps	<i>Pinus strobus</i>	11
MINOR DECIDUOUS TREES		
Cc	<i>Cercis canadensis</i>	9
SHRUBS		
Aa	<i>Aronia arbutifolia 'Brilliantissima'</i>	22
Rc	<i>Rhus copallina</i>	32

LANDSCAPE NOTES

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



ADDENDUMS / REVISIONS



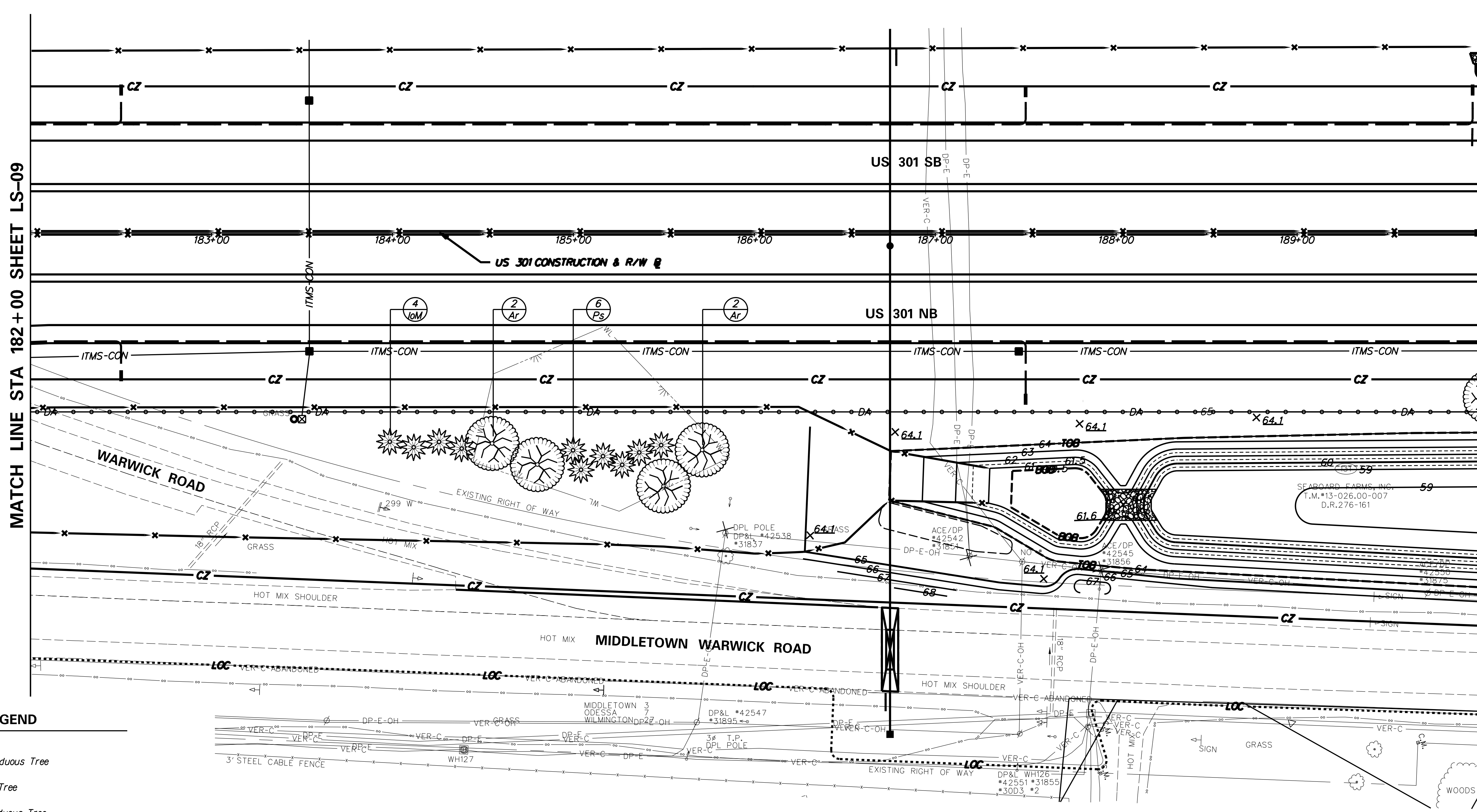
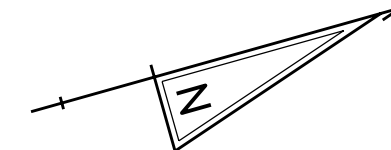
**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

CONTRACT T200811301	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: DMS
	CHECKED BY: AJC

LANDSCAPING PLAN

LS-09

SHEET NO.	656
TOTAL SHTS.	850



MATCH LINE STA 182+00 SHEET LS-09

MATCH LINE STA 190+00 SHEET LS-11

LANDSCAPE LEGEND

- Major Deciduous Tree
- Evergreen Tree
- Minor Deciduous Tree
- Shrubs

LANDSCAPE PLANTING SCHEDULE

KEY	PLANTING DESCRIPTION	QUANTITY
	MAJOR DECIDUOUS TREES	
Ar	<i>Acer rubrum</i> 'Red Sunset'	4
	EVERGREEN TREES	
IoM	<i>Ilex opaca</i> 'Miss Helen'	4
Ps	<i>Pinus strobus</i>	6

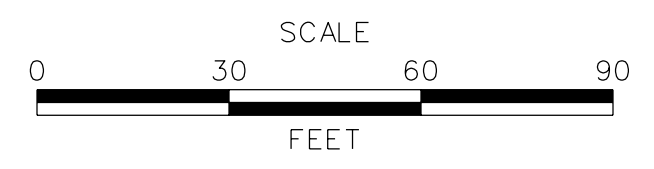
LANDSCAPE NOTES

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

Planting from approximately sta. 184+00 to sta. 186+00 right is to provide visual mitigation for the B.F. Hanson historic site.



ADDENDUMS / REVISIONS	

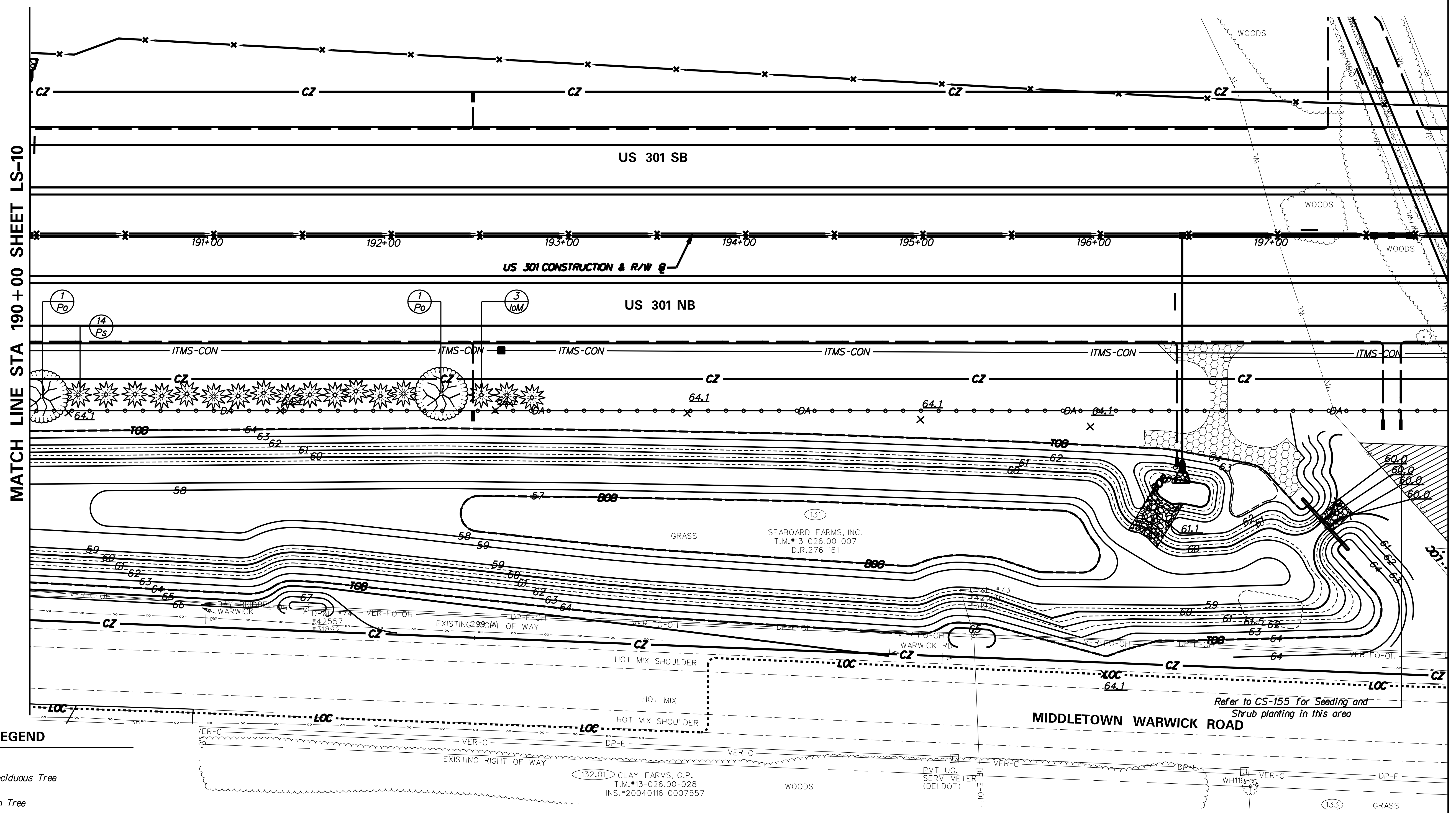
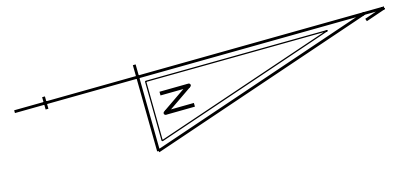


**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

CONTRACT T200811301	BRIDGE NO.	
COUNTY NEW CASTLE	DESIGNED BY: DMS	CHECKED BY: AJC

LANDSCAPING PLAN

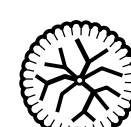
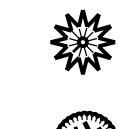

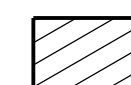

LS-10
SHEET NO. 657
TOTAL SHTS. 850



MATCH LINE STA 190+00 SHEET LS-10

MATCH LINE STA 198+00 SHEET LS-12

LANDSCAPE LEGEND

-  Major Deciduous Tree
-  Evergreen Tree
-  Minor Deciduous Tree
-  Shrubs
-  Seeding and Shrub Planting

LANDSCAPE PLANTING SCHEDULE		
KEY	PLANTING DESCRIPTION	QUANTITY
	MAJOR DECIDUOUS TREES	
Po	<i>Platanus occidentalis</i>	2
	EVERGREEN TREES	
IoM	<i>Ilex opaca</i> 'Miss Helen'	3
Ps	<i>Pinus strobus</i>	14

LANDSCAPE NOTES

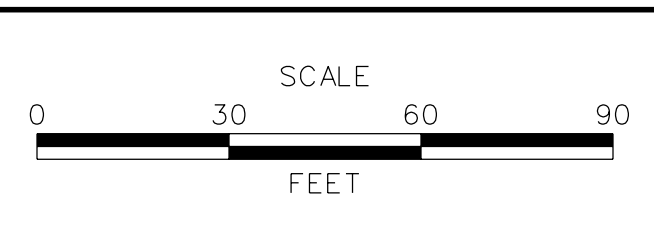
Refer to Landscape Planting Schedule and Notes Sheet for summary of quantities and landscape notes.

Planting from approximately sta. 190+00 to sta. 192+00 right, is to provide visual mitigation for the B.F. Hanson historic site.

Refer to CS-155 for Seeding and Shrub planting in this area



ADDENDUMS / REVISIONS	



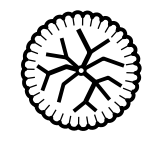



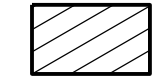
**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

CONTRACT T200811301	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: DMS
	CHECKED BY: AJC

LANDSCAPING PLAN

LS-11	
SHEET NO.	658
TOTAL SHTS.	850

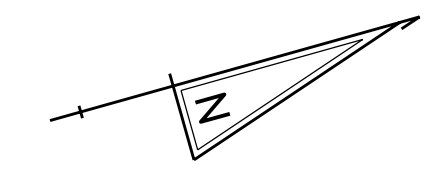
LANDSCAPE LEGEND

-  Major Deciduous Tree
-  Evergreen Tree
-  Minor Deciduous Tree
-  Shrubs
-  Seeding and Shrub Planting

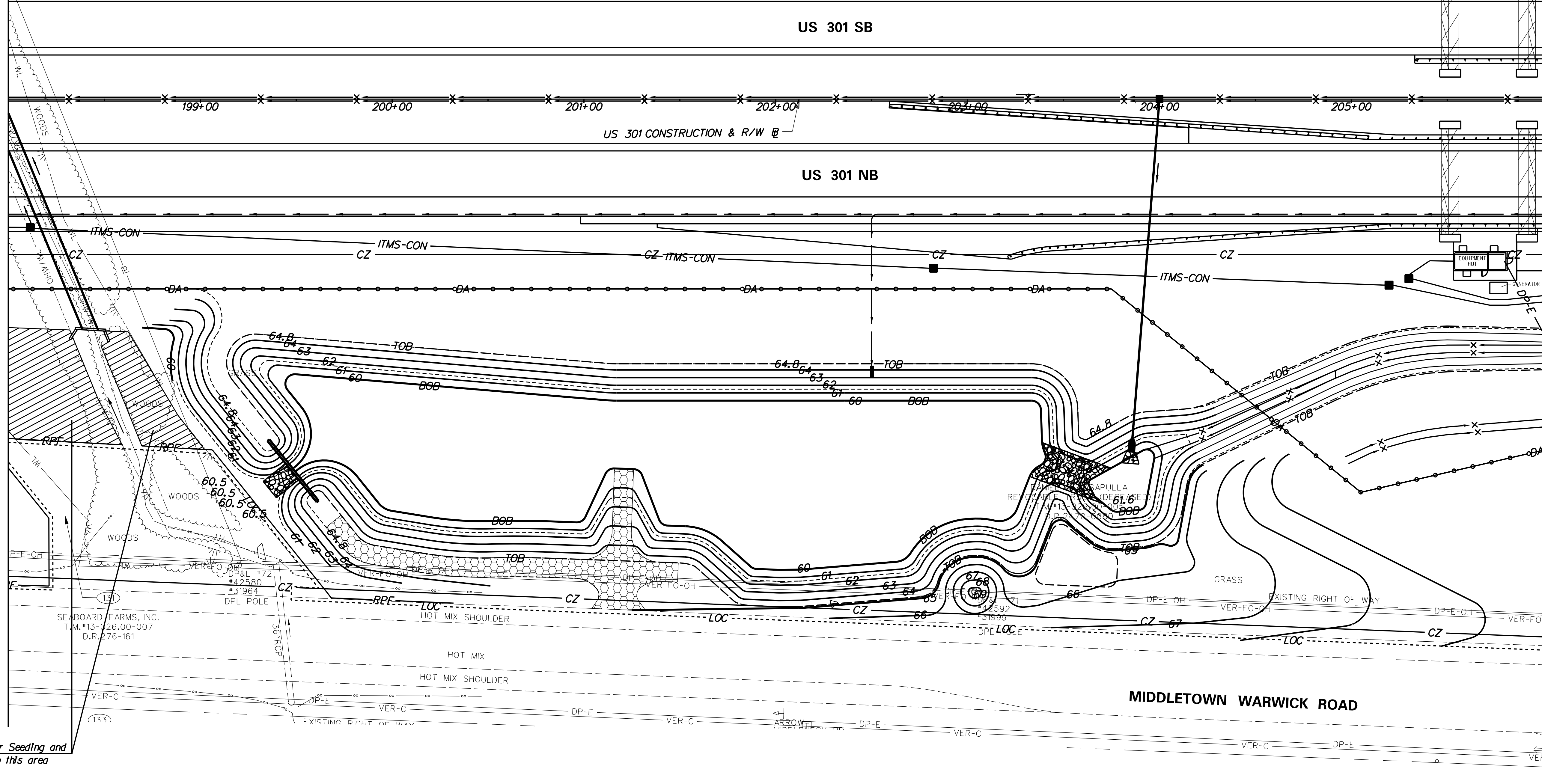
LANDSCAPE PLANTING SCHEDULE		
KEY	PLANTING DESCRIPTION	QUANTITY
	See sheet CS-155 for Seeding and Shrub planting	

LANDSCAPE NOTES

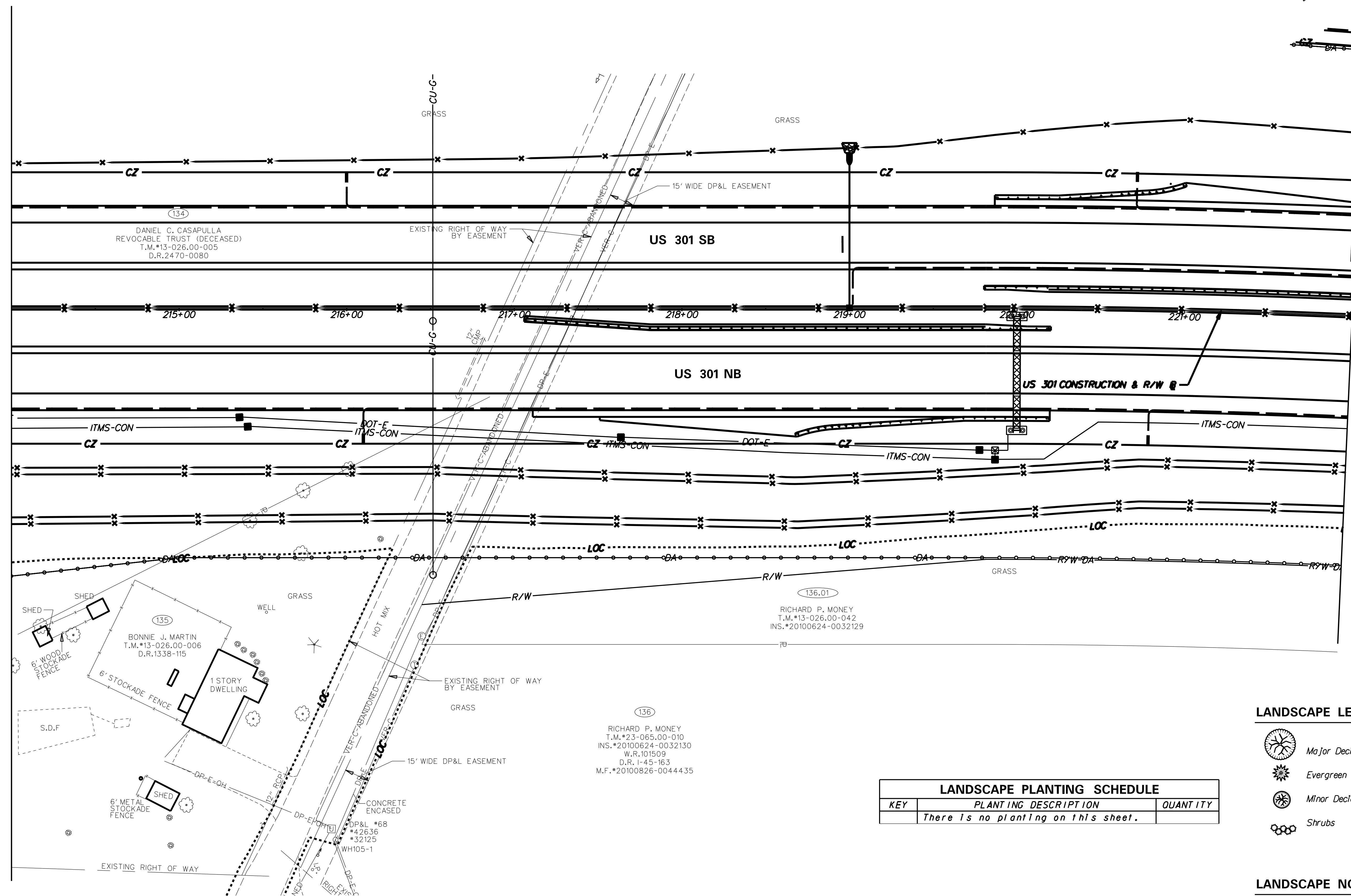
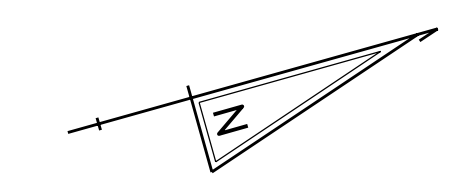
Refer to Landscape Planting Schedule and Notes Sheet for summary of quantities and landscape notes.



MATCH LINE STA 198+00 SHEET LS-11



Refer to CS-155 for Seeding and Shrub planting in this area



MATCH LINE STA 222+00 SHEET LS-14

LANDSCAPE LEGEND

-  Major Deciduous Tree
-  Evergreen Tree
-  Minor Deciduous Tree
-  Shrubs

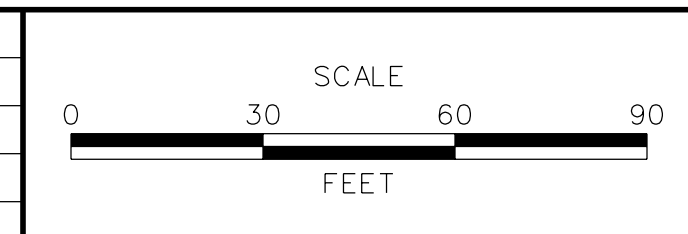
LANDSCAPE PLANTING SCHEDULE		
KEY	PLANTING DESCRIPTION	QUANTITY
There is no planting on this sheet.		

LANDSCAPE NOTES

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



ADDENDUMS / REVISIONS

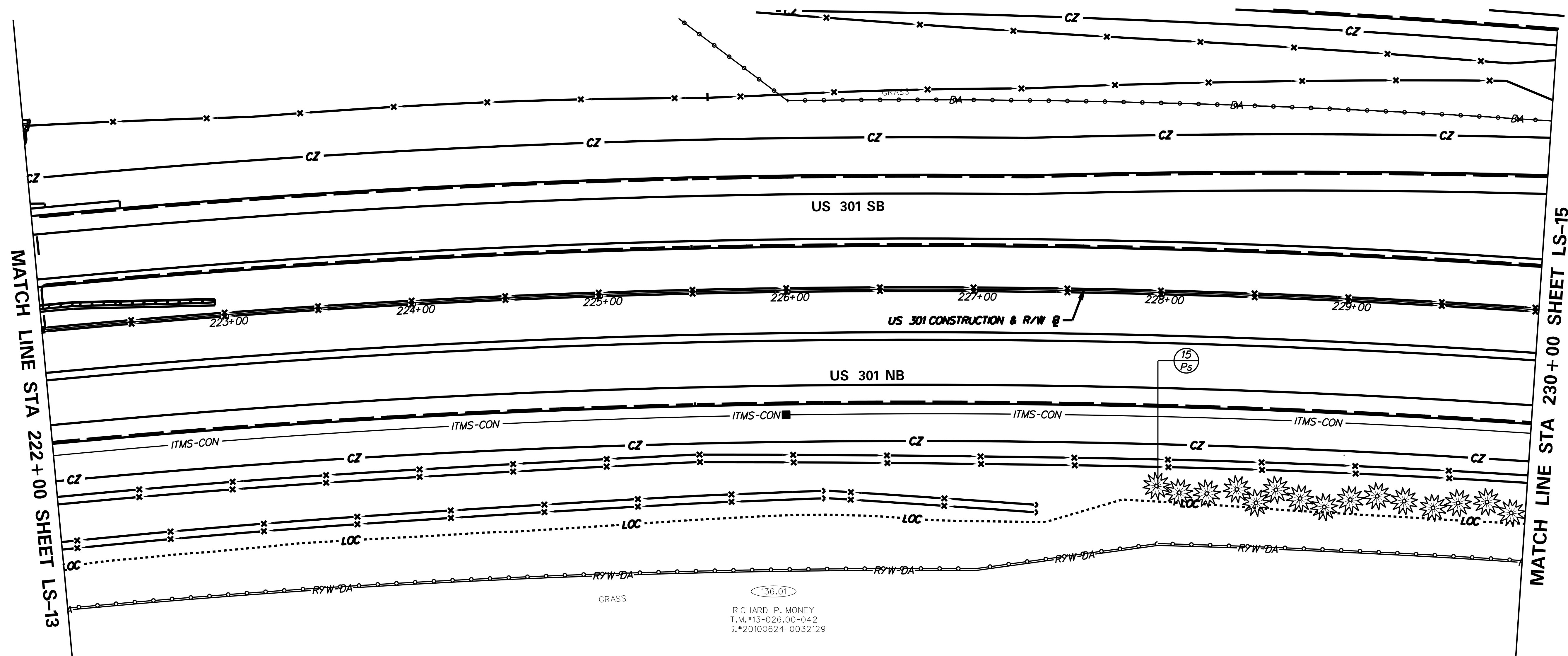
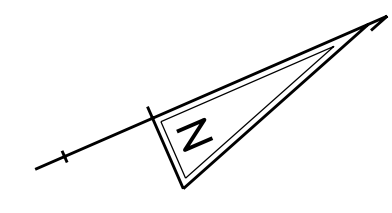


**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

CONTRACT T200811301	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: DMS
	CHECKED BY: AJC

LANDSCAPING PLAN

LS-13	SHEET NO. 660
	TOTAL SHTS. 850



136.01
 RICHARD P. MONEY
 T.M.#13-026.00-042
 I.#20100624-0032129

136
 RICHARD P. MONEY
 T.M.#23-065.00-010
 I.N.#20100624-0032130
 W.R.101509
 D.R.1-45-163
 M.F.#20100826-0044435

LANDSCAPE LEGEND

-  Major Deciduous Tree
-  Evergreen Tree
-  Minor Deciduous Tree
-  Shrubs

LANDSCAPE PLANTING SCHEDULE		
KEY	PLANTING DESCRIPTION	QUANTITY
	EVERGREEN TREES	
Ps	<i>Pinus strobus</i>	15

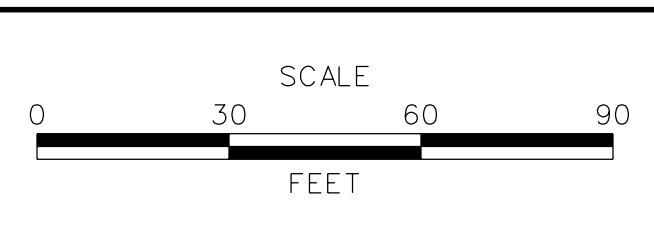
LANDSCAPE NOTES

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

Planting from approximately sta. 228+00 to sta. 230+00 right, 1s to provide visual mitigation for the C. Polk historic site.



ADDENDUMS / REVISIONS	



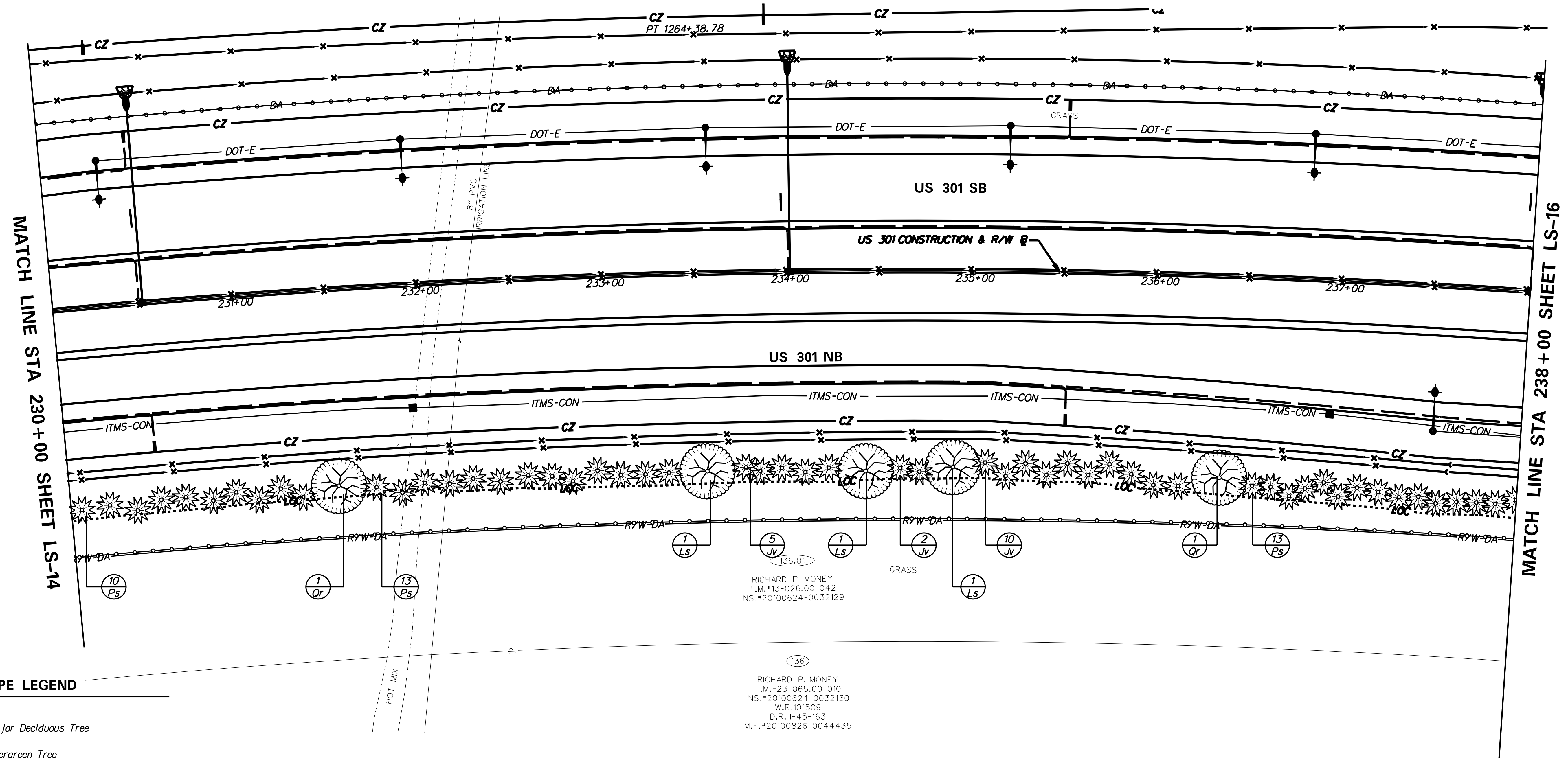
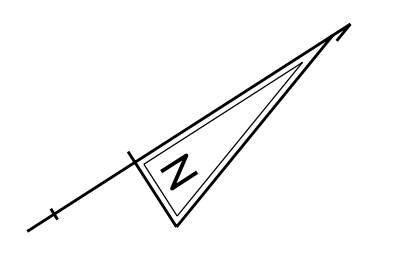
**US 301
 MARYLAND STATE LINE
 TO LEVELS ROAD**

CONTRACT T200811301	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: DMS CHECKED BY: AJC

LANDSCAPING PLAN

LS-14

SHEET NO. 661
TOTAL SHTS. 850



LANDSCAPE LEGEND

- Major Deciduous Tree
- Evergreen Tree
- Minor Deciduous Tree
- Shrubs

LANDSCAPE PLANTING SCHEDULE		
KEY	PLANTING DESCRIPTION	QUANTITY
MAJOR DECIDUOUS TREES		
Ls	<i>Liquidambar styraciflua</i>	3
Or	<i>Quercus rubra</i>	2
EVERGREEN TREES		
Jv	<i>Juniperus virginiana</i>	17
Ps	<i>Pinus strobus</i>	36

LANDSCAPE NOTES

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

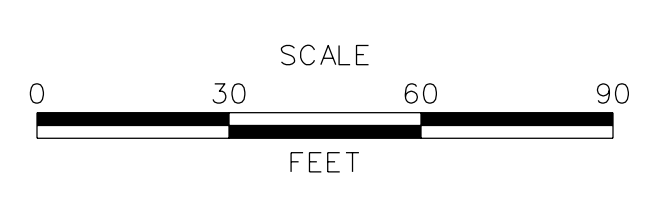
Planting from approximately sta. 230+00 to sta. 238+00 right, is to provide visual mitigation for the C. Polk historic site.

RICHARD P. MONEY
T.M.#13-026.00-042
INS.#20100624-0032129

136
RICHARD P. MONEY
T.M.#23-065.00-010
INS.#20100624-0032130
W.R.101509
D.R.1-45-163
M.F.#20100826-0044435



ADDENDUMS / REVISIONS







**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

CONTRACT T200811301	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: DMS CHECKED BY: AJC

LANDSCAPING PLAN

LS-15
SHEET NO. 662
TOTAL SHTS. 850

LANDSCAPE LEGEND

-  Major Deciduous Tree
-  Evergreen Tree
-  Minor Deciduous Tree
-  Shrubs

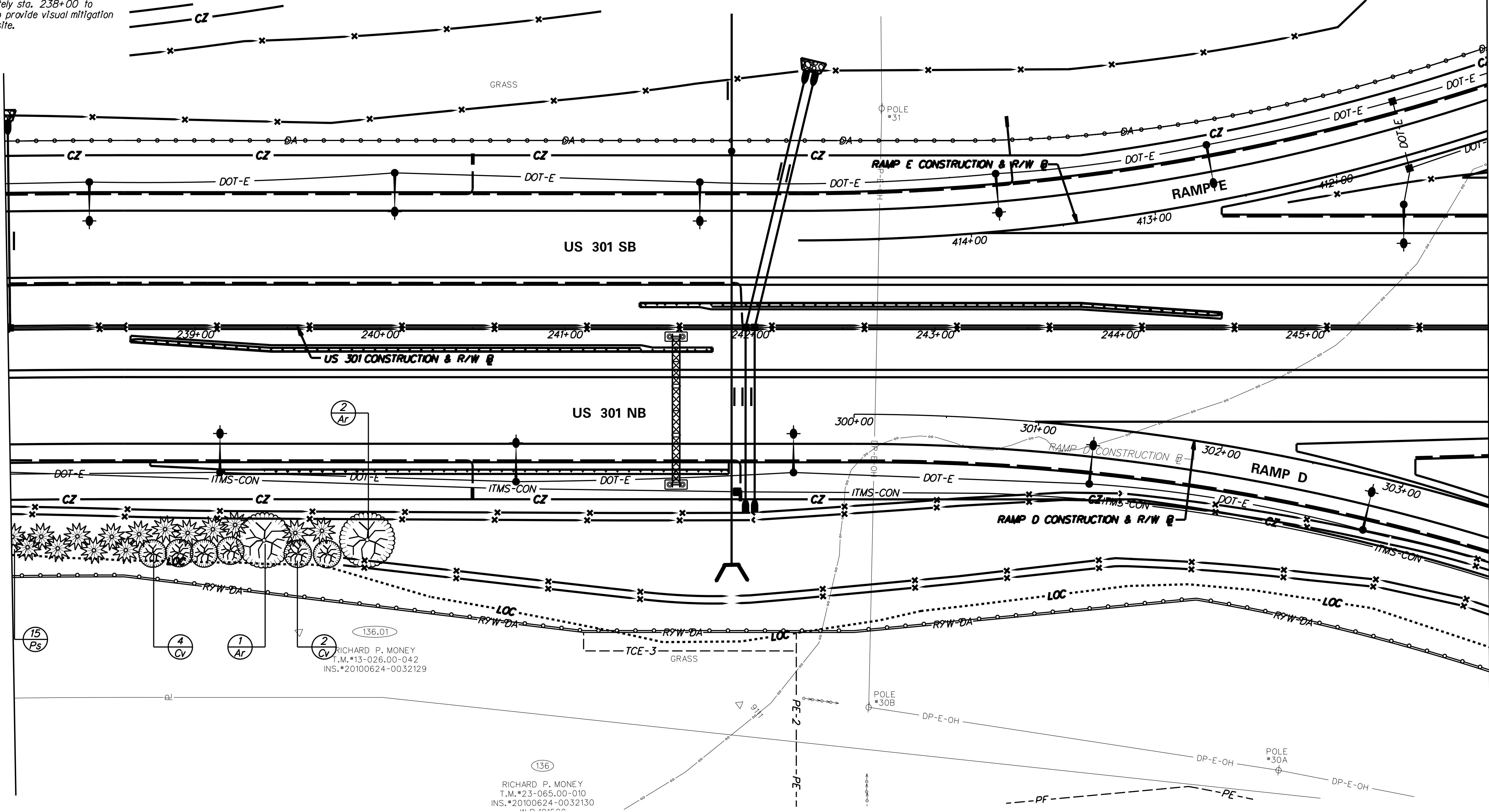
LANDSCAPE PLANTING SCHEDULE		
KEY	PLANTING DESCRIPTION	QUANTITY
MAJOR DECIDUOUS TREES		
Ar	<i>Acer rubrum</i> 'Red Sunset'	3
EVERGREEN TREES		
Ps	<i>Pinus strobus</i>	15
MINOR DECIDUOUS TREES		
Cv	<i>Crataegus viridis</i> 'Winter King'	6

LANDSCAPE NOTES

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

Planting from approximately sta. 238+00 to sta. 240+00 right, is to provide visual mitigation for the C. Polk historic site.

MATCH LINE STA 238+00 SHEET LS-15



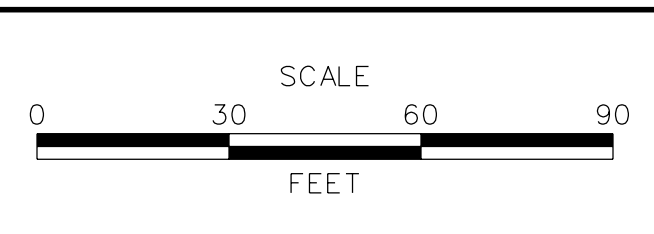
136.01
RICHARD P. MONEY
T.M.#13-026.00-042
INS.#20100624-0032129

136
RICHARD P. MONEY
T.M.#23-065.00-010
INS.#20100624-0032130

LS-16



ADDENDUMS / REVISIONS	



**US 301
MARYLAND STATE LINE
TO LEVELS ROAD**

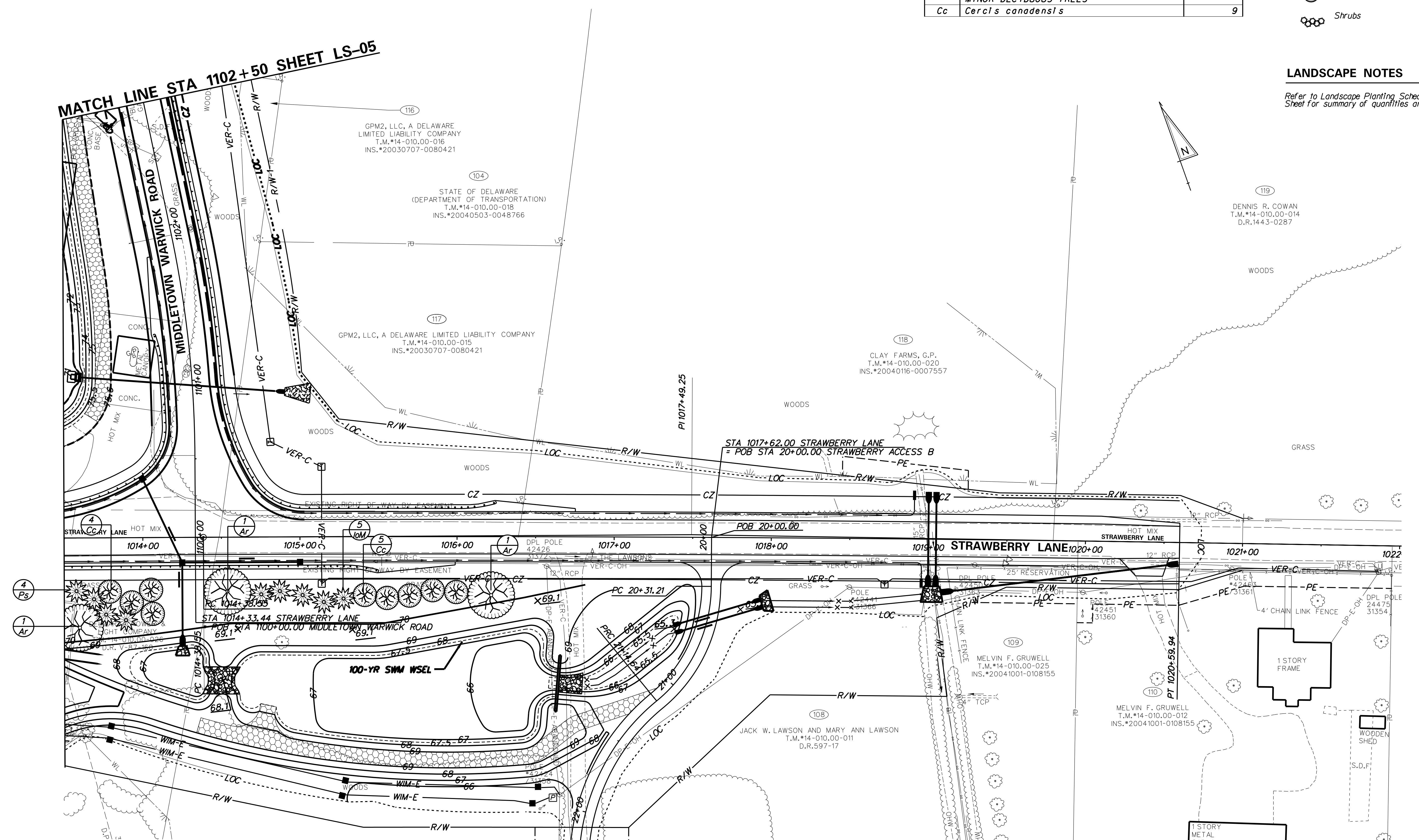
CONTRACT T200811301	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: DMS CHECKED BY: AJC

LANDSCAPING PLAN	SHEET NO. 663
	TOTAL SHTS. 850

LANDSCAPE PLANTING SCHEDULE		
KEY	PLANTING DESCRIPTION	QUANTITY
MAJOR DECIDUOUS TREES		
Ar	<i>Acer rubrum</i> 'Red Sunset'	3
EVERGREEN TREES		
IoM	<i>Ilex opaca</i> 'Miss Helen'	5
Ps	<i>Pinus strobus</i>	4
MINOR DECIDUOUS TREES		
Cc	<i>Cercis canadensis</i>	9

LANDSCAPE LEGEND	
	Major Deciduous Tree
	Evergreen Tree
	Minor Deciduous Tree
	Shrubs

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



DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	US 301 MARYLAND STATE LINE TO LEVELS ROAD		CONTRACT	BRIDGE NO.	LANDSCAPING PLAN	TOTAL SHTS.	
					T20081301			DESIGNED BY: DMS	664
					COUNTY	NEW CASTLE		CHECKED BY: AJC	TOTAL SHTS.
									850

MASTER LANDSCAPE PLANTING SCHEDULE					
QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE AND ROOT CONDITION	COMMENTS
		MAJOR DECIDUOUS TREES			
33	Ar	<i>Acer rubrum 'Red Sunset'</i>	Red Sunset Maple	3" Calliper, B&B	Space approx. 40' OC
13	Ls	<i>Liquidambar styraciflua</i>	Sweet-gum	2" Calliper, B&B	Space approx. 40' OC
16	Po	<i>Platanus occidentalis</i>	Sycamore	3" Calliper, B&B	Space approx. 40' OC
10	Op	<i>Quercus palustris</i>	Pin Oak	2" Calliper, B&B	Space approx. 40' OC
2	Or	<i>Quercus rubra</i>	Red Oak	2" Calliper, B&B	Space approx. 40' OC
		EVERGREEN TREES			
4	IoJ	<i>Ilex opaca 'Jersey Knight'</i>	American Holly (Male Pollinator)	6' Height, B&B	Space approx. 15' OC
50	IoM	<i>Ilex opaca 'Miss Helen'</i>	American Holly	6' Height, B&B	Space approx. 15' OC
58	Jv	<i>Juniperus virginiana</i>	Eastern Redcedar	6' Height, B&B	Space approx. 15' OC
170	Ps	<i>Pinus strobus</i>	Eastern White Pine	6' Height, B&B	Space approx. 15' OC
		MINOR DECIDUOUS TREES			
39	Cc	<i>Cercis canadensis</i>	Eastern Redbud	2" Calliper, B&B	Space approx. 15' OC
6	Cv	<i>Crataegus viridis 'Winter King'</i>	Winter King Hawthorn	5' Height, B&B	Space approx. 15' OC
12	Hv	<i>Hamamelis virginiana</i>	Common Witchhazel	5' Height, B&B	Space approx. 15' OC
11	Mv	<i>Magnolia virginiana</i>	Sweetbay Magnolia	5' Height, B&B	Space approx. 15' OC
18	Vp	<i>Viburnum prunifolium</i>	Black-haw	5' Height, B&B	Space approx. 15' OC
		SHRUBS			
109	Aa	<i>Aronia arbutifolia 'Brilliantissima'</i>	Brilliant Red Chokeberry	24" Height, CG	Space 4' OC
61	Ag	<i>Abelia x grandiflora</i>	Glossy abelia	24" Height, CG	Space 4' OC
7	ivS	<i>Ilex verticillata 'Southern Gentleman'</i>	Southern Gentleman Winterberry	24" Height, CG	Space 4' OC
36	ivW	<i>Ilex verticillata 'Winter Red'</i>	Winter Red Winterberry	24" Height, CG	Space 4' OC
60	Rc	<i>Rhus copallina</i>	Flameleaf Sumac	24" Height, CG	Space 4' OC
47	Vd	<i>Viburnum dentatum</i>	Arrowwood Viburnum	24" Height, CG	Space 4' OC
		WETLAND RESTORATION PLANTS			
44		<i>Alnus serrulata</i>	Smooth Alder	3' Height, CG	Space 104' OC
44		<i>Viburnum dentatum</i>	Arrowwood Viburnum	3' Height, CG	Space 10' OC
		PLUGS			
1125	Asl	<i>Aster lateriflorus</i>	Calico Aster	2.25" x 2.25" Plug	Space 2' OC, 5" Deep
495	Asn	<i>Aster novae-angliae</i>	New England Aster	2.25" x 2.25" Plug	Space 2' OC, 5" Deep
1205	Car	<i>Carex typhina</i>	Cat-Tail Sedge	2.25" x 2.25" Plug	Space 2' OC, 5" Deep
1275	Eup	<i>Eupatorium dubium</i>	Joe-Pye Weed	2.25" x 2.25" Plug	Space 2' OC, 5" Deep
1570	Pan	<i>Panicum virgatum</i>	Switchgrass	2.25" x 2.25" Plug	Space 2' OC, 5" Deep
570	Sol	<i>Solidago rugosa</i>	Wrinkle leaf Goldenrod	2.25" x 2.25" Plug	Space 2' OC, 5" Deep
270	Sos	<i>Solidago sempervirens</i>	Seaside Goldenrod	2.25" x 2.25" Plug	Space 2' OC, 5" Deep
		OTHER			
3193	LME	Square Yards of Lowland Meadow Est.			
5226	UME	Square Yards of Upland Meadow Est.			
454	WME	Square Yards of Wet Meadow Est.			

CG = Container Grown

OC = On Center

LANDSCAPE PLANTING NOTES FOR PLANTINGS IN DELAWARE

1. ALL LANDSCAPING IN DELAWARE 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 INVITATION FOR BIDS FOR THIS CONTRACT.
2. 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.
3. 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.
4. 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.
5. PLANT MATERIAL SHALL MAINTAIN THE FOLLOWING MINIMUM SETBACKS:
50' FROM OVERHEAD TRANSFORMER LINES
20' FROM OVERHEAD UTILITY LINES
6' FROM UNDERGROUND UTILITIES, DRAINAGE SWALES, FENCES, GUARDRAILS AND CURBS.
6. NO PLANTS SHALL BE PLANTED WITHIN THE ROADWAY CLEAR ZONE OR DIRECTLY IN FRONT OF ROADWAY SIGN SIGHT LINES.
7. ANY ADJUSTMENTS OR CHANGES TO PLANT LAYOUT SHALL BE APPROVED BY DELDOT PRIOR TO INSTALLATION.
8. 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 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.

LANDSCAPE PLANTING NOTES FOR PLANTINGS IN MARYLAND

1. ALL LANDSCAPING IN MARYLAND SHALL BE DONE IN ACCORDANCE WITH SPECIAL PROVISIONS PROVIDED IN THE INVITATION FOR BIDS FOR THIS CONTRACT.
2. ALL SEEDING IN MARYLAND SHALL BE DONE IN ACCORDANCE WITH EITHER ITEM 734556-PERMANENT VEGETATIVE STABILIZATION, MARYLAND OR ITEM 734555-TEMPORARY VEGETATIVE STABILIZATION, MARYLAND. ALL PLANTING SHALL COMPLY WITH DELDOT STANDARD SPECIFICATION SECTION 737.

PLANT MATERIAL SHALL MAINTAIN THE FOLLOWING MINIMUM SETBACKS:
MAJOR DECIDUOUS TREES, EVERGREEN TREES AND SHRUBS 7' BEHIND GUARDRAIL
MINOR DECIDUOUS TREES 12' BEHIND GUARDRAIL
TREES AND SHRUBS 5' FROM CENTERLINE OF STORM DRAINS
TREES 7' FROM EDGE OF RIP RAP
TREES AND SHRUBS 7' FROM SWALE CENTERLINES
MAJOR DECIDUOUS TREES 5' FROM ACCESS ROADS
EVERGREEN TREES AND MINOR DECIDUOUS TREES 12' FROM ACCESS ROADS
SHRUBS, HERBACEOUS PLANTS AND ORNAMENTAL GRASSES 3' FROM ACCESS ROADS
3. ALL WOODY VEGETATION SHALL BE KEPT 15' FROM THE TOE OF STORMWATER MANAGEMENT FILL EMBANKMENT; AND 25' FROM OUTFALL STRUCTURES.
4. A MINIMUM 4" DEPTH OF TOPSOIL SHALL BE PROVIDED AT THE ACCESS ROADS, TURNAROUNDS, AND DISTURBED RIGHT-OF-WAY AREAS TO BE SEEDED AT THE POND SITES. SEED THESE AREAS WITH MARYLAND TURFGRASS SEED MIX.
5. NO PERMANENT CROWN VETCH SEEDING SHALL BE USED FOR THE LENGTH OF THE PROJECT THAT IS IN MARYLAND.
6. PREPARATION OF PLANTING PITS AND BACKFILL SOIL SHALL COMPLY WITH SECTION 737.

THE SEED MIX FOR ALL STABILIZATION IN WETLANDS AND THEIR BUFFERS SHALL BE THE WET MEADOW SEED MIX IN ITEM 734556-PERMANENT VEGETATIVE STABILIZATION, MARYLAND. TALL FESCUE SHALL NOT BE USED IN WETLAND OR WETLAND BUFFER AREAS.
7. THE 100 YEAR STORM ELEVATION, AS SHOWN ON THE PLANS SHALL BE FLAGGED IN THE FIELD DURING THE PLANTING OPERATION SO THAT THE LANDSCAPE CONTRACTOR CAN DETERMINE APPROPRIATE PLANT PLACEMENT BASED ON HYDROLOGIC ZONES.
8. NO STRAW OR SHREDDED HARDWOOD BARK MULCH SHALL BE USED IN THE SWM FACILITIES.
9. THE PLANT STOCK FOR THE SWM FACILITIES SHALL BE FROM STOCK CULTIVATED IN SIMILAR HYDROLOGIC AND SOILS CONDITIONS AS THOSE PRESENT IN THE SWM FACILITY.
10. PLUG PLANTING SHALL BE ARRANGED TO ACHIEVE A NATURAL APPEARANCE BY GROUPING A SINGLE SPECIES IN LOOSE DRIFTS AND INTERTWINING DRIFTS OF DIFFERENT SPECIES.

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ADDENDUMS / REVISIONS

US 301
MARYLAND STATE LINE
TO LEVELS ROAD

CONTRACT	BRIDGE NO.
T200811301	
COUNTY	DESIGNED BY: DMS
NEW CASTLE	CHECKED BY: AJC

LANDSCAPING PLANTING
SCHEDULE AND NOTES

SHEET NO.
665
TOTAL SHTS.
850