

GENERAL LOCATION OF CONTRACT

THE STATE OF DELAWARE
DEPARTMENT OF TRANSPORTATION

U.S. CUSTOMARY
UNITS

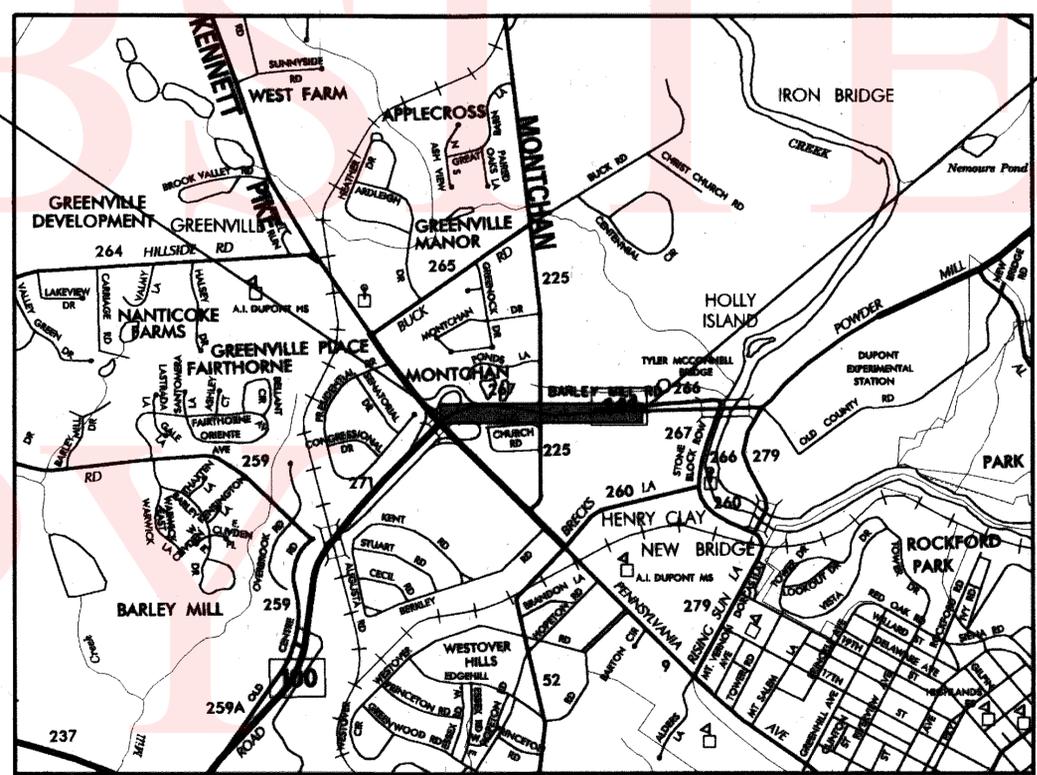


CONSTRUCTION PLANS FOR:
SR 141 & SR 100 LANDSCAPING

CONTRACT NUMBER: **T200910602**
FEDERAL AID PROJECT NUMBER: **ESTP-N270(5)**

COUNTY: **NEW CASTLE** M.R. #: **267**

BEGIN CONTRACT T200910602 STATION 12+63 **END CONTRACT T200910602 STATION 39+90**



DESIGN DESIGNATION		
FUNCTIONAL CLASS: MAJOR ARTERIAL	DESIGN SPEED: 40 M.P.H.	YEAR: 1995
TYPE OF CONSTRUCTION: LANDSCAPING	TRUCKS: 0%	
A.A.T. CURRENT: 23702	YEAR: 1995	DIRECTION OF DISTRIBUTION: 95%
A.A.T. PROJECTED:	YEAR:	
INDEX OF SHEETS		
SHEET NO.	TABLE OF CONTENTS	
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TOTAL SHEETS: 15		

APPROVED DESIGN EXCEPTIONS			
DESIGN PARAMETER	REQUIRED	PROVIDED	DATE

ADDENDA & REVISIONS	
DESCRIPTION	NAME & DATE

ASSOCIATED CONTRACTS	
CONTRACT NO.	CONTRACT NAME
23-106-01	SR141 IMPROVEMENTS SR100 TO TYLER MCCONNELL BRIDGE

RECOMMENDED
[Signature] 11/1/2011
SQUAD MANAGER, CONSTRUCTION
[Signature] 11/1/11
GROUP ENGINEER, CONSTRUCTION
ASSISTANT DIRECTOR, TRANSPORTATION SOLUTIONS (CONSTRUCTION) DATE

LAST REVISED: 8/7/2008 Y:\NEWCASTLE\267\ROAD\T200910602\PLANS\TC001.DGN

<p>RECOMMENDED <i>Vincent W. Davis</i> STORMWATER ENGINEER DATE 18 Nov 2011</p>	<p>RECOMMENDED <i>Thomas R. Brooks</i> REGISTERED PROFESSIONAL ENGINEER No. 12898 SEAL</p>	<p>RECOMMENDED <i>Thomas R. Brooks</i> REGISTERED PROFESSIONAL ENGINEER No. 12749 SEAL</p>	<p>RECOMMENDED <i>[Signature]</i> BRIDGE DESIGN ENGINEER DATE</p>	<p>RECOMMENDED <i>Mark C. Juhn</i> GROUP ENGINEER, PROJECT DEVELOPMENT DATE 11/2/11</p>	<p>RECOMMENDED <i>[Signature]</i> REGISTERED PROFESSIONAL ENGINEER No. 10803 SEAL</p>	<p>RECOMMENDED <i>Doreen A. By</i> ASSISTANT DIRECTOR, TRANSPORTATION SOLUTIONS DATE 11/2/11</p>	<p>APPROVED <i>Natalie B. [Signature]</i> CHIEF ENGINEER DATE 11-21-11</p>
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EXISTING SYMBOLS

DRAINAGE	
	DITCH OR STREAM CENTERLINE
	DIRECTIONAL STREAM FLOW ARROW
	DRAINAGE CATCH BASIN
	DRAINAGE JUNCTION BOX
	DRAINAGE MANHOLE
	DRAINAGE PIPE AND FLOW ARROW
	DRAINAGE PIPE HEADWALL
	RIPRAP - AREA FEATURE
	RIPRAP - LINEAR FEATURE

UTILITY	
	SOIL BORING LOCATION
	UTILITY TEST HOLE LOCATION
	CABLE TV DISTRIBUTION BOX
	ELECTRIC MANHOLE
	ELECTRIC METER
	ELECTRIC TRANSFORMER
	POLE MOUNTED LUMINAIRE
	GAS MANHOLE
	GAS METER
	GAS VALVE
	GAS PUMP - SERVICE STATION
	RAILROAD TRACKS
	SANITARY SEWER MANHOLE
	SANITARY SEWER VALVE
	SANITARY SEWER VENT OR CLEANOUT
	SEPTIC DRAIN FIELD
	TELEPHONE BOOTH
	TELEPHONE MANHOLE
	TELEPHONE TEST POINT
	TRAFFIC - CONDUIT JUNCTION WELL
	TRAFFIC - LIGHT POLE AND BASE
	TRAFFIC - PEDESTRIAN POLE & BASE
	TRAFFIC - SIGNAL CABINET & BASE
	TRAFFIC - SIGNAL POLE AND BASE
	UTILITY BOX
	UTILITY POLE GUY WIRE ANCHOR
	UTILITY POLE
	WATER - FIRE HYDRANT
	WATER METER
	WATER VALVE
	WELL HEAD

MANMADE ROADSIDE FEATURES	
	CURB
	CURB AND GUTTER
	FENCE - CHAINLINK OR STRANDED
	FENCE - STOCKADE OR SPLIT RAIL
	FLAG POLE
	GUARDRAIL - STEEL BEAM
	GUARDRAIL - WIRE ROPE
	LAMP AND POST - RESIDENTIAL
	MAILBOX
	PARKING METER AND POST
	PAVEMENT - FLEXIBLE
	PAVEMENT - RIGID
	PILE - BRIDGE
	PILLAR OR MISCELLANEOUS POST
	TRAFFIC SIGN AND POST
	WALL - BRICK OR BLOCK
	WALL - STONE

NATURAL ROADSIDE FEATURES	
	GRASS LAWN
	HEDGEROW OR THICKET
	MARSH BOUNDARY LINE
	TREE - CONIFEROUS
	TREE - DECIDUOUS
	TREE STUMP
	SHRUBBERY
	DELINEATED WETLAND BOUNDARY LINE
	WOODS LINE BOUNDARY

SURVEY CONTROL & MONUMENTATION	
	SURVEY BENCHMARK LOCATION
	SURVEY TIE POINT LOCATION
	SURVEY TRAVERSE POINT
	POINT OF CURVATURE OR TANGENCY
	POINT OF INTERSECTING TANGENTS
	PROPERTY MARKER - CONCRETE MON.
	PROPERTY MARKER - IRON PIPE

PROPOSED SYMBOLS

CONSTRUCTION	
	CONCRETE SAFETY BARRIER - PERMANENT
	BIOFILTRATION SWALE
	BUTT JOINT
	CONSTRUCTION BASELINE
	CURB, TYPE 1 & TYPE 3
	CURB, TYPE 2
	CURB & GUTTER, TYPE 1
	CURB & GUTTER, TYPE 2
	CURB & GUTTER, TYPE 3
	CURB & GUTTER, TYPE 4
	CLEAR ZONE
	DRAINAGE INLET
	DITCH
	FENCE - METAL
	FENCE - WOOD
	FLARED END SECTION
	GUARDRAIL, TYPES 1 & 3
	GUARDRAIL, TYPE 2
	GUARDRAIL END TREATMENT - PARALLEL
	GUARDRAIL END TREATMENT - PARABOLIC
	HORIZONTAL CLEARANCE
	JUNCTION BOX - DRAINAGE
	LIMIT OF CONSTRUCTION
	MANHOLE
	PAVEMENT PATCH
	PIPE & DIRECTIONAL FLOW ARROW
	RIPRAP
	P.C.C. SIDEWALK @ 4"
	P.C.C. SIDEWALK @ 6"
	UNDERDRAIN
	UNDERDRAIN OUTLET

CONSTRUCTION PHASING SYMBOLS	
	BARRICADE, TYPE 3
	CONCRETE SAFETY BARRIER - PORTABLE
	CONSTRUCTION WARNING SIGN LOCATION
	CONSTRUCTION WARNING SIGN
	CRASH CUSHION ARRAY
	DRUM - TRAFFIC CONTROL
	PHASING TRAFFIC FLOW ARROW

LANDSCAPING	
	SHRUBBERY
	CONIFEROUS TREE
	DECIDUOUS TREE

EROSION & SEDIMENT CONTROL	
	DEWATERING BASIN
	EROSION CONTROL BLANKET
	EARTH DIKE
	INLET SEDIMENT CONTROL
	PERIMETER DIKE/SWALE
	PORTABLE SEDIMENT TANK
	REINFORCED SILT FENCE
	SANDBAG DIKE
	SANDBAG DIVERSION
	STONE CHECK DAM
	STABILIZED CONSTRUCTION ENTRANCE
	SILT FENCE
	SUMP PIT, TYPE 1
	SUMP PIT, TYPE 2
	SEDIMENT TRAP
	SEDIMENT TRAP WITH INLET AS OUTLET
	SEDIMENT TRAP PIPE OUTLET
	STILLING WELL
	TEMPORARY SWALE
	TEMPORARY SLOPE DRAIN

IDENTIFIERS	
	ADJUST BY CONTRACTOR
	ADJUST BY OTHERS
	CONCRETE SAFETY BARRIER
	CURB OR CURB & GUTTER
	CONVERT TO JUNCTION BOX
	CONVERT TO DRAINAGE MANHOLE
	CURB OPENING
	CURB RAMP / TYPE
	CURB RAMP / TYPE - WITHOUT SIDEWALK SURFACE DETECTABLE WARNING SYSTEM
	DRAINAGE INLET
	DO NOT DISTURB
	FLARED END SECTION
	FILTRATION STRUCTURE
	GUARDRAIL
	JUNCTION BOX
	LANDSCAPE PLANTINGS
	MANHOLE
	MONUMENT - RIGHT-OF-WAY
	PIPE
	RELOCATE BY CONTRACTOR
	RELOCATE BY OTHERS
	REMOVE BY CONTRACTOR
	REMOVE BY OTHERS
	SEDIMENT TRAP
	SILT FENCE
	UNDERDRAIN

RIGHT-OF-WAY SYMBOLS	
	PROPOSED RIGHT-OF-WAY MONUMENT
	EXISTING PROPERTY LINE
	EXISTING EASEMENT
	EXISTING RIGHT-OF-WAY
	PROPOSED DENIAL OF ACCESS
	PROPOSED PERMANENT EASEMENT
	PROPOSED RIGHT-OF-WAY
	PROPOSED R/W & DENIAL OF ACCESS
	TEMPORARY CONSTRUCTION EASEMENT
	PROPOSED RIGHT-OF-WAY BASELINE
	HISTORIC RIGHT-OF-WAY BASELINE

TRAFFIC	
	ITMS CONDUIT
	SIGNAL CONDUIT
	CONDUIT JUNCTION WELL
	LUMINAIRE
	PAVEMENT MARKINGS
	PAVEMENT STRIPING
	TRAFFIC SIGN

ADDENDUMS / REVISIONS

NOT TO SCALE

SR 141 & SR 100 LANDSCAPING

CONTRACT	BRIDGE NO.	N/A
T200910602	DESIGNED BY: TRL	
COUNTY	CHECKED BY: TRB	
N.C.		

LEGEND

SHEET NO.	2
TOTAL SHTS.	15

GENERAL NOTES

1. THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE DELAWARE DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS", DATED AUGUST 2001 AND THE DELAWARE DEPARTMENT OF TRANSPORTATION "STANDARD CONSTRUCTION DETAILS", DATED 2001, INCLUDING ALL REVISIONS UP TO THE DATE OF ADVERTISEMENT.
2. THE CONTRACTOR SHALL GIVE TWO (2) WEEKS NOTICE TO THE PROPERTY OWNER WHEN ANY FIXTURE, SHRUB OR OTHER OBJECT MUST BE REMOVED FROM THE RIGHT OF WAY OR EASEMENT AREA. IF THE OWNER HAS NOT ATTEMPTED TO SALVAGE THIS PROPERTY, THE CONTRACTOR SHALL REMOVE IT WITHOUT OBLIGATION. COMPENSATION SHALL BE INCIDENTAL TO THE CONTRACT.
3. THE ENDS OF ALL CURBS SHALL BE DEPRESSED FLUSH WITH THE PAVEMENT AT A RATIO OF TWELVE TO ONE (12:1) UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
4. THE CONTRACTOR SHALL PROVIDE AND INSTALL PVC SLEEVES (4" INSIDE MINIMUM DIAMETER, 6" INSIDE MAXIMUM DIAMETER) IN PROPOSED CONCRETE SIDEWALKS, ISLANDS, AND MEDIANS FOR FUTURE TRAFFIC SIGN POSTS AS DIRECTED BY THE ENGINEER. THE LOWER END OF THE SLEEVE SHALL SIT ON THE TOP OF THE SUBBASE MATERIAL. THE COST SHALL BE INCIDENTAL TO THE CONTRACT.
5. STAGING AREAS - PROPER EROSION AND SEDIMENT CONTROL MEASURES AS DETERMINED BY THE ENGINEER SHALL BE INSTALLED IN ALL STAGING AREAS. ALL AREAS USED BY THE CONTRACTOR FOR STAGING OPERATIONS SHALL BE FULLY RESTORED BY THE CONTRACTOR UPON COMPLETION OF THE CONTRACT. IF THE STAGING AREA IS PAVED, IT SHALL BE RESTORED TO ITS ORIGINAL CONDITION. IF THE AREA IS UNPAVED, IT SHALL BE RE-GRADED, TOPSOILED, SEEDED AND MULCHED IN ACCORDANCE WITH DELAWARE STANDARD SPECIFICATIONS 732, 734 AND 735, FOR TOPSOIL, SEED AND MULCH RESPECTIVELY, TO THE SATISFACTION OF THE ENGINEER. THE SEED SHALL ADHERE TO THE SPECIFICATIONS OF SECTION 734 FOR PERMANENT GRASS SEEDING - DRY GROUND. ALL COSTS ASSOCIATED WITH RESTORATION OF THE STAGING AREA SHALL BE AT THE CONTRACTOR'S EXPENSE. IF THE ENGINEER DETERMINES THAT A SATISFACTORY STAND OF GRASS DOES NOT EXIST AT THE TIME OF FINAL INSPECTION, ALL COSTS ASSOCIATED WITH REESTABLISHING A SATISFACTORY STAND OF GRASS SHALL BE AT THE CONTRACTOR'S EXPENSE.
6. SITE REVIEWER - AN EROSION CONTROL SITE REVIEWER SHALL BE A PERSON FROM THE CONTRACTOR'S STAFF ASSIGNED TO EROSION AND SEDIMENT CONTROL IMPLEMENTATION AND MAINTENANCE AND SHALL BE REQUIRED ON SPECIFIC PROJECTS. THE NAME AND DNREC CERTIFICATION NUMBER OF EACH SITE REVIEWER SO REQUIRED SHALL BE SUBMITTED TO THE DEPARTMENT. THE NAME OF THE DELAWARE REGISTERED PROFESSIONAL ENGINEER PROVIDING DIRECTION AND SUPERVISION OF THE SITE REVIEWER, AS REQUIRED IN SECTION 12.3 OF THE DELAWARE SEDIMENT AND STORMWATER REGULATIONS, SHALL ALSO BE SUBMITTED TO THE DEPARTMENT. THE SITE REVIEWER REQUIREMENTS IN EFFECT ON THIS PROJECT SHALL BE MARKED WITH AN "X" BELOW:

EROSION POTENTIAL FOR THIS PROJECT	SITE REVIEWER REQUIREMENT
() INSIGNIFICANT	NONE
(X) MINOR	CONTRACTOR CERTIFICATION COURSE TRAINING ONLY, AS DEFINED IN SECTION 13 OF THE DELAWARE SEDIMENT AND STORMWATER REGULATIONS.
() MEDIUM	AT THE TIME OF BID OF THE CONTRACT, EITHER THE SUPERINTENDENT OR A SEPARATE INDIVIDUAL FROM THE CONTRACTOR'S STAFF SHALL BE A CERTIFIED CONSTRUCTION REVIEWER (CCR), AS DEFINED IN SECTION 12 OF THE DELAWARE SEDIMENT AND STORMWATER REGULATIONS.
() MAJOR	SUPERINTENDENT AND AN INDIVIDUAL FROM CONTRACTOR'S STAFF SHALL BE CCR. ONE INDIVIDUAL FROM THE CONTRACTOR'S STAFF MUST BE A CCR AT THE TIME OF BID OF THE CONTRACT. THE SUPERINTENDENT MUST BECOME A CCR WITHIN ONE YEAR AFTER THE AWARD OF CONTRACT.

7. ELECTRONIC PROJECT FILES THAT WILL BE MADE AVAILABLE TO THE CONTRACTOR INCLUDE:

()	NONE
()	ASCII DATA FILES WITH COORDINATES AND ELEVATIONS FOR PROPOSED POINTS AS SELECTED BY THE ENGINEER.
(X)	RASTER FILES, IN .CAL FILE FORMAT, FOR ALL PLAN SHEETS.
()	EXISTING DIGITAL TERRAIN MODEL, IN .DTM FILE FORMAT, COMPATIBLE WITH SOFTWARE CURRENTLY USED BY DELDOT.
()	PROPOSED DIGITAL TERRAIN MODEL, IN .DTM FILE FORMAT, COMPATIBLE WITH SOFTWARE CURRENTLY USED BY DELDOT.
()	DESIGN FILE, IN .DGN FILE FORMAT, CONTAINING ONLY THE PROPOSED 3D TRIANGLES OF THE PROPOSED DIGITAL TERRAIN MODEL (DTM).

8. AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED TRAFFIC CONTROL SUPERVISOR REQUIREMENT FOR THIS PROJECT.

(X)	THE CONTRACTOR SHALL NOT BE REQUIRED TO HAVE AN ATSSA SUPERVISOR ASSIGNED TO THIS PROJECT.
()	THE CONTRACTOR SHALL HAVE AN ATSSA SUPERVISOR ASSIGNED TO THIS PROJECT. THE CONTRACTOR'S GENERAL SUPERINTENDENT FOR THIS PROJECT OR ANOTHER ATSSA CERTIFIED MEMBER OF THE CONTRACTOR'S PROJECT STAFF MAY BE THE ATSSA SUPERVISOR.
()	THE CONTRACTOR SHALL HAVE AN ATSSA SUPERVISOR ASSIGNED TO THIS PROJECT. THE ATSSA SUPERVISOR'S SOLE JOB SHALL BE SUPERVISION OF THE INSTALLATION, OPERATION AND MAINTENANCE OF TRAFFIC CONTROL DEVICES FOR THIS PROJECT. THE CONTRACTOR'S GENERAL SUPERINTENDENT FOR THIS PROJECT SHALL NOT BE THE ATSSA SUPERVISOR.

9. THE DISTURBED AREA FOR THIS PROJECT IS 0.706 ACRES.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADHERING TO THE CONSTRUCTION SITE POLLUTION PREVENTION SPECIFICATIONS AS DETAILED IN SECTION 3.6 OF THE "DELAWARE EROSION AND SEDIMENT CONTROL HANDBOOK". ALL COSTS ASSOCIATED WITH ADHERING TO THE STANDARDS SHALL BE INCIDENTAL TO THE OVERALL CONTRACT COSTS.
11. THE EROSION AND SEDIMENT CONTROL PLANS HAVE BEEN APPROVED BY DELDOT'S STORMWATER ENGINEER UNDER DELDOT'S DELEGATED AUTHORITY. THE EROSION AND SEDIMENT CONTROL PLANS ARE VALID FOR A THREE YEAR PERIOD, BEGINNING ON THE DATE THE STORMWATER ENGINEER SIGNED THE CONSTRUCTION TITLE SHEET. IF THE FINAL ACCEPTANCE OF THE PROJECT IS ANTICIPATED TO EXTEND BEYOND THE THREE YEARS, THE CONTRACTOR SHALL INFORM THE ENGINEER THREE MONTHS PRIOR TO THE EXPIRATION OF THE EROSION AND SEDIMENT CONTROL PLAN APPROVAL. DELDOT WILL REVIEW THE CURRENT EROSION AND SEDIMENT CONTROL PLAN AND ISSUE AN EXTENSION WITH ANY APPROPRIATE MODIFICATIONS.

PROJECT NOTES

MISCELLANEOUS

1. ALL EXISTING PAVERS ARE TO BE MAINTAINED WITHIN THE MEDIAN
2. THERE ARE NO ENVIRONMENTAL PERMITS ASSOCIATED WITH THIS PROJECT. AS SUCH, AN ENVIRONMENTAL COMPLIANCE SHEET WAS NOT PREPARED.

EARTHWORK SUMMARY	
EXCAVATION	
EXCAVATION FROM CROSS SECTIONS	837.28 C. Y.
ROCK EXCAVATION FOR ROADWAY AND TRENCHES	0.00 C. Y.
TOPSOIL STRIPPING	0.00 C. Y.
TOTAL EXCAVATION	837.28 C. Y.
EXCAVATION AVAILABLE FOR EMBANKMENT	
EXCAVATION MEETING BORROW TYPE 'A'	0.00 C. Y.
EXCAVATION MEETING BORROW TYPE 'F'	837.28 C. Y.
EXCAVATION MEETING TOPSOIL	0.00 C. Y.
EMBANKMENT REQUIREMENTS	
BORROW TYPE 'A' REQUIRED (INCLUDING UNDERCUT)	0.00 C. Y.
BORROW TYPE 'F' REQUIRED	541.54 C. Y.
TOPSOIL REQUIRED	1078.50 TONS
MATERIAL BALANCE ("+"= EXCESS, "-"= NEED)	
BORROW TYPE 'A'	0.00 C. Y.
BORROW TYPE 'F'	+295.74 C. Y.
TOPSOIL	0.00 C. Y.
UNSUITABLE MATERIAL	0.00 C. Y.
NOTES:	
1) THE VALUES LISTED IN THE EARTHWORK SUMMARY ARE APPROXIMATE AND ARE NOT TO BE USED AS A BASIS OF PAYMENT. THE EARTHWORK SUMMARY IS CONSIDERED FOR INFORMATIONAL PURPOSES ONLY.	
2) OTHER SOURCES OF EXCAVATION MAY INCLUDE PIPE TRENCH EXCAVATION, STRUCTURE EXCAVATION, UNDERCUT EXCAVATION, STORMWATER MANAGEMENT POND EXCAVATION, ENVIRONMENTAL SITE EXCAVATION, MAINTENANCE OF TRAFFIC EXCAVATION, ETC.	
3) UNSUITABLE MATERIALS INCLUDE UNDERCUT SOILS, BITUMINOUS PAVEMENT, ETC.	



ADDENDUMS / REVISIONS	

NOT TO SCALE

SR 141 & SR 100 LANDSCAPING

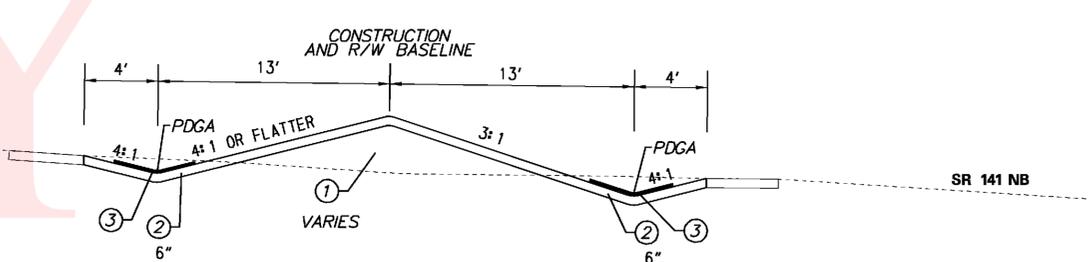
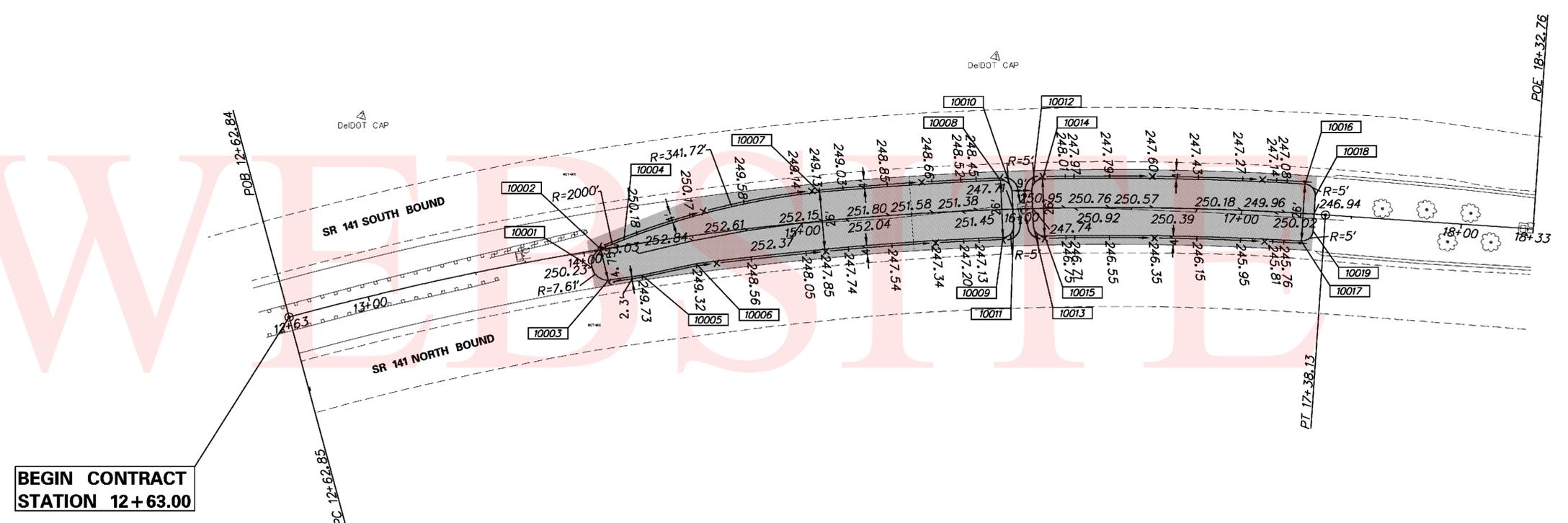
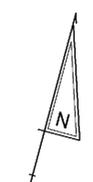
CONTRACT	BRIDGE NO.	N/A
T200910602	DESIGNED BY: TRJ	
COUNTY	CHECKED BY: TRB	
N.C.		

PROJECT NOTES	
SHEET NO.	3
TOTAL SHTS.	15

LAST REVISED: 5/5/2009
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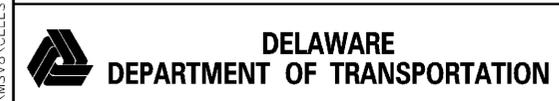
COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
10001	14+02.55	7.4746	645749.6041	606995.6224
10002	14+07.77	-0.2881	645758.8293	606997.1548
10003	14+08.85	14.4271	645745.8621	607004.1927
10004	14+18.87	-2.6629	645765.5370	607006.3184
10005	14+24.59	14.4905	645752.1417	607018.4511
10006	14+50.00	12.8532	645763.5977	607040.9426
10007	15+09.33	-13.1461	645809.4546	607086.6387
10008	15+90.92	-13.3390	645835.9626	607164.5933
10009	15+91.07	12.7088	645811.0974	607172.3543
10010	15+95.88	-8.4013	645832.6924	607170.8121
10011	15+96.11	7.6458	645817.3970	607175.6714
10012	16+04.83	-8.2576	645835.1317	607184.4805
10013	16+05.16	7.7553	645819.8672	607184.3299
10014	16+09.80	-13.3686	645841.4448	607182.8431
10015	16+10.18	12.6430	645816.5790	607190.4878
10016	17+28.02	-13.3826	645870.0791	607298.6500
10017	17+28.03	12.5670	645844.6526	607303.8338
10018	17+32.99	-8.3810	645866.1672	607304.5484
10019	17+33.01	7.5687	645850.5318	607307.6991

HORIZONTAL / VERTICAL CONTROL DATA					
POINT	STATION	OFFSET	NORTHING	EASTING	ELEVATION
CAP 1	15+90.59	-69.6893	645889.7350	607147.8990	250.55
CAP 2	13+15.77	-80.8295	645789.1710	606876.6800	254.35

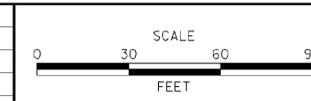


PLEASE SEE SHEET 9 FOR E&S CONTROL AT THE INLETS

LEGEND	
①	ITEM 202000- USE EXISTING EXCAVATION MEETING BORROW TYPE F (FROM EXCAVATED LANDSCAPING AHEAD).
②	ITEM 732004- TOPSOIL ITEM 734013- PERMANENT SEEDING (DRY GROUND)
③	ITEM 735535- SOIL RETENTION BLANKET MULCH, TYPE 5



ADDENDUMS / REVISIONS



SR 141 & SR 100 LANDSCAPING PLANS

CONTRACT T200910602	BRIDGE NO. N/A
COUNTY N.C.	DESIGNED BY: TRL CHECKED BY: TRB

CONSTRUCTION PLANS

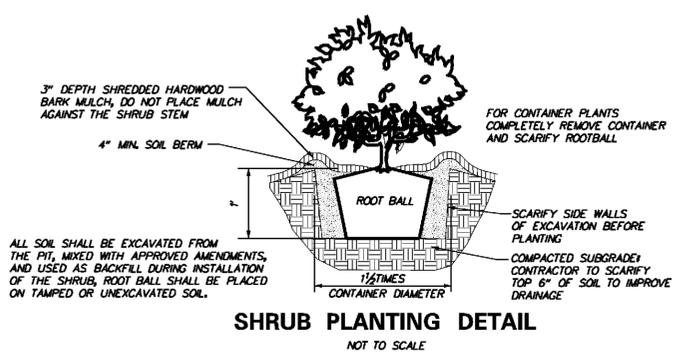
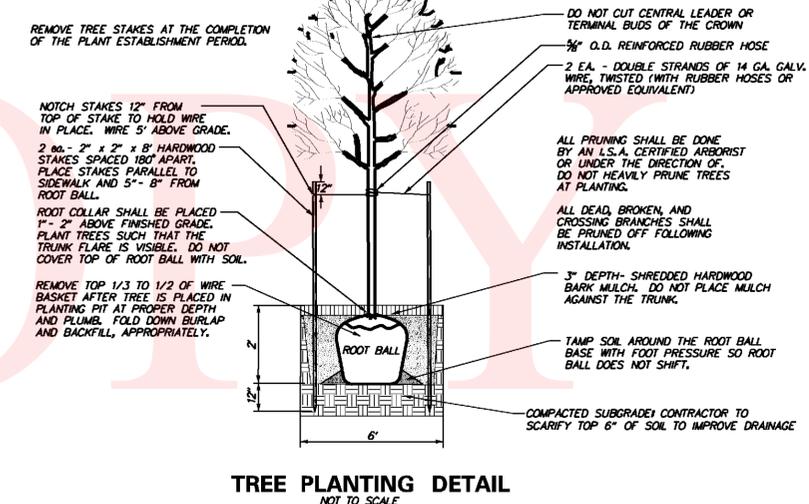
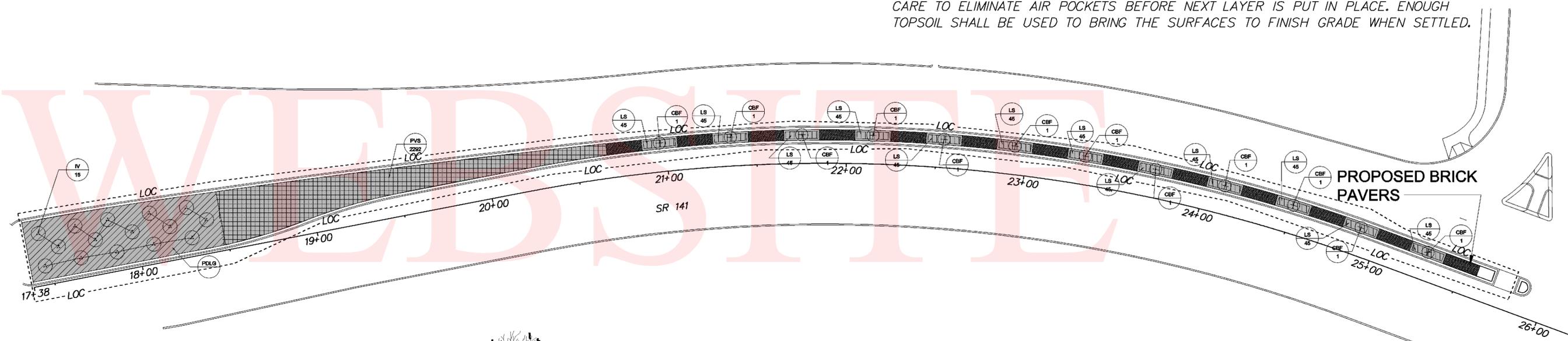
SHEET NO. 4
TOTAL SHTS. 15

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PLANTING PROCEDURE

1. THE PLANTS SHALL BE PLANTED IN THE CENTER OF THE PITS AND SET ON UNDISTURBED OR COMPACTED SOIL TO SUCH DEPTH THAT THE FINISHED GRADE LEVEL AT THE PLANT WILL MATCH THE LEVEL AT WHICH THE PLANT WAS PREVIOUSLY GROWN. ALL TREES MUST BE STRAIGHT, VERTICAL, PLUMB AT TIME OF PLANTING, AT ACCEPTANCE, AND AT THE END OF THE GUARANTEE PERIOD.
2. IF ROCK OR OTHER UNDERGROUND OBSTRUCTION IS ENCOUNTERED, THE CONTRACTOR MAY REQUIRE PLANT PITS TO BE RELOCATED, THE PITS ENLARGED, OR THE PLANTS DELETED FROM THE CONTRACT.
3. WHENEVER POSSIBLE, HOLES ARE BACK FILLED WITH THE SAME SOIL TAKEN FROM THE HOLE. LOCATIONS CONTAINING UNSUITABLE SOIL SHALL REQUIRE IMPORTATION OF CLEAN BACK FILL SOIL. UNSUITABLE SOIL SHALL INCLUDE, BUT NOT LIMITED TO, COMPOSITIONS CONTAINING ASH/GRAVEL, HIGH CLAY CONTENT, ROCK, OR OTHER DISPROPORTIONATELY HIGH EXISTENCE OF ROCK OR OTHER EXTRANEIOUS MATERIAL.
4. PLATFORMS, WIRE, AND BINDING MATERIALS SHALL BE REMOVED FROM TOP & SIDES OF THE BALL TO A DEPTH OF SIX INCHES (6"), OR CORRESPONDING FIRST COURSE OF WIRE BASKET.
5. LOAM SHALL BE BACKFILLED IN LAYERS OF NOT MORE THAN SIX INCHES (6") TAKING CARE TO ELIMINATE AIR POCKETS BEFORE NEXT LAYER IS PUT IN PLACE. ENOUGH TOPSOIL SHALL BE USED TO BRING THE SURFACES TO FINISH GRADE WHEN SETTLED.

SYMBOL	SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS	SPACING
TREES							
	CBF	12	CARPINUS BETULUS 'FASTIGIATA'	EUROPEAN HORNEBEAM	2-2.5" CAL. B&B		
	IV	16	ILEX VERTICILLATA 'WINTER RED'	WINTERBERRY	3" B&B	INCLUDE ONE MALE CV. 'SOUTHERN GENTLEMAN'	17' O.C. 8' BW ROWS 7' OFF PAVERS
HERBACEOUS PLANTS							
	LS	640	LIRIOPE SPICATA	LILY TURF	2 QT.		12" O.C.
	PVS	2292	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	1 GAL.		18" O.C.
SEED MIXES							
	PDLG	14 LBS./400 SY	PENN DOT LOW GROWING FESCUE MIX		APPLICATION RATE: 35 LBS/1,000 SQUARE YARDS	MOW 2 TIMES PER YEAR	

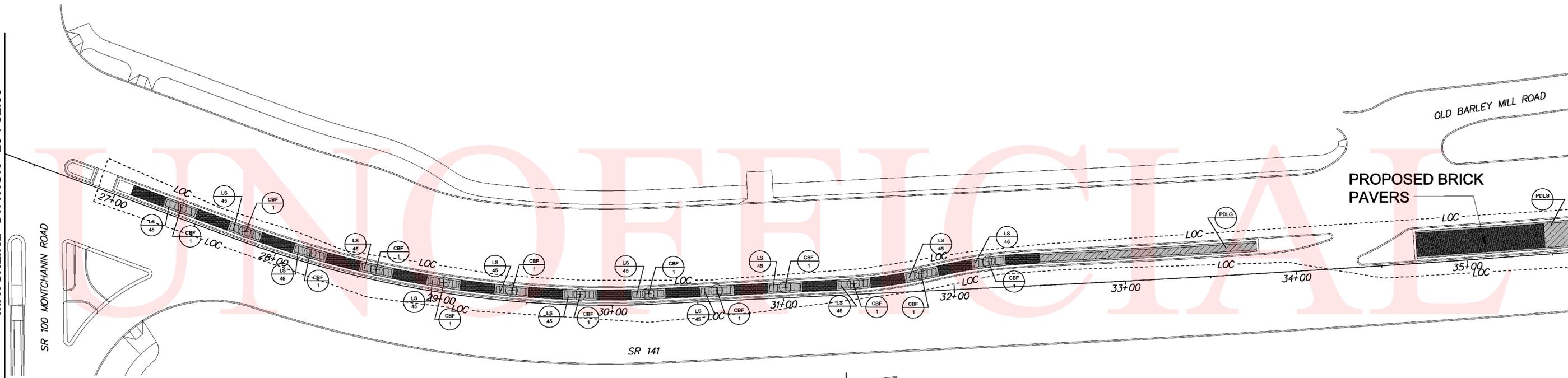


LAST REVISED: 5/5/2009
Y:\NEWCASTLE\267\ROAD\T200910602\PLANS\PLN.DGN

MATCHLINE STATION 26+32.00

MATCHLINE STATION 26 + 32.00

MATCHLINE STATION 35 + 62.00

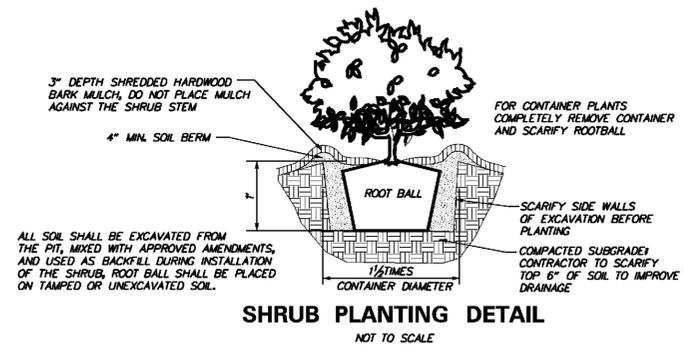
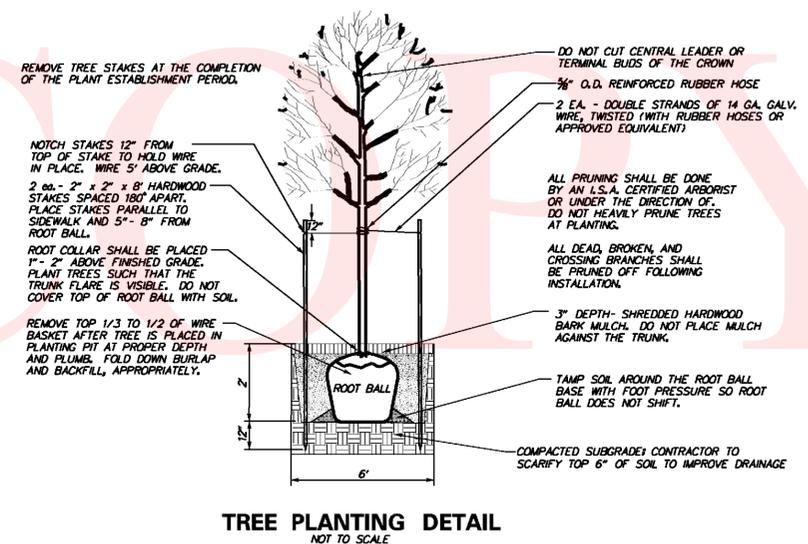
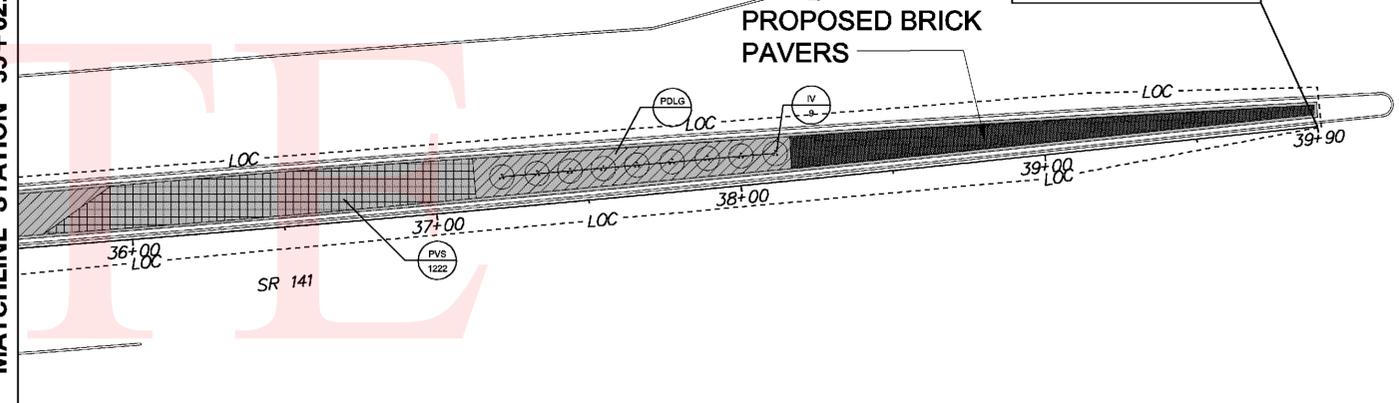


PLANTING PROCEDURE

1. THE PLANTS SHALL BE PLANTED IN THE CENTER OF THE PITS AND SET ON UNDISTURBED OR COMPACTED SOIL TO SUCH DEPTH THAT THE FINISHED GRADE LEVEL AT THE PLANT WILL MATCH THE LEVEL AT WHICH THE PLANT WAS PREVIOUSLY GROWN. ALL TREES MUST BE STRAIGHT, VERTICAL, PLUMB AT TIME OF PLANTING, AT ACCEPTANCE, AND AT THE END OF THE GUARANTEE PERIOD.
2. IF ROCK OR OTHER UNDERGROUND OBSTRUCTION IS ENCOUNTERED, THE CONTRACTOR MAY REQUIRE PLANT PITS TO BE RELOCATED, THE PITS ENLARGED, OR THE PLANTS DELETED FROM THE CONTRACT.
3. WHENEVER POSSIBLE, HOLES ARE BACK FILLED WITH THE SAME SOIL TAKEN FROM THE HOLE. LOCATIONS CONTAINING UNSUITABLE SOIL SHALL REQUIRE IMPORTATION OF CLEAN BACK FILL SOIL. UNSUITABLE SOIL SHALL INCLUDE, BUT NOT LIMITED TO, COMPOSITIONS CONTAINING ASH/GRAVEL, HIGH CLAY CONTENT, ROCK, OR OTHER DISPROPORTIONATELY HIGH EXISTENCE OF ROCK OR OTHER EXTRANEIOUS MATERIAL.
4. PLATFORMS, WIRE, AND BINDING MATERIALS SHALL BE REMOVED FROM TOP & SIDES OF THE BALL TO A DEPTH OF SIX INCHES (6"), OR CORRESPONDING FIRST COURSE OF WIRE BASKET.
5. LOAM SHALL BE BACKFILLED IN LAYERS OF NOT MORE THAN SIX INCHES (6") TAKING CARE TO ELIMINATE AIR POCKETS BEFORE NEXT LAYER IS PUT IN PLACE. ENOUGH TOPSOIL SHALL BE USED TO BRING THE SURFACES TO FINISH GRADE WHEN SETTLED.

MATCHLINE STATION 35 + 62.00

END CONTRACT STATION 39 + 90.00



SYMBOL	SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS	SPACING
TREES							
+	CBF	13	CARPINUS BETULUS 'FASTIGIATA'	EUROPEAN HORNBEAM	2-2.5' CAL. B&B		
⋮	IV	9	ILEX VERTICILLATA 'WINTER RED'	WINTERBERRY	3' B&B	INCLUDE ONE MALE CV. 'SOUTHERN GENTLEMAN'	5' O.C. ALONG CENTER OF PLANTING BED
HERBACEOUS PLANTS							
	LS	586	LIRIOPE SPICATA	LILY TURF	2 QT.		12" O.C.
	PVS	1222	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	1 GAL.		18" O.C.
SEED MIXES							
	PDLG	14 LBS / 400 SY	PENN DOT LOW GROWING FESCUE MIX			APPLICATION RATE: 35 LBS/1,000 SQUARE YARDS	MOW 2 TIMES PER YEAR

LAST REVISED: 5/5/2009
Y:\NEWCASTLE\267\ROAD\T200910602\PLANS\PN.DGN



ADDENDUMS / REVISIONS

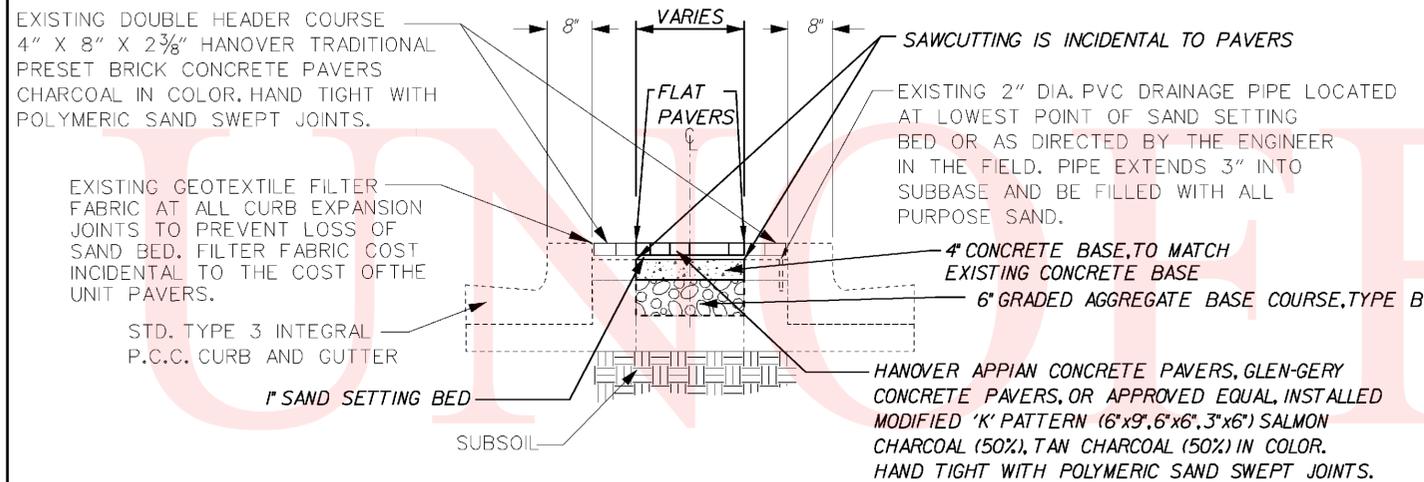


SR 141 & SR 100 LANDSCAPING

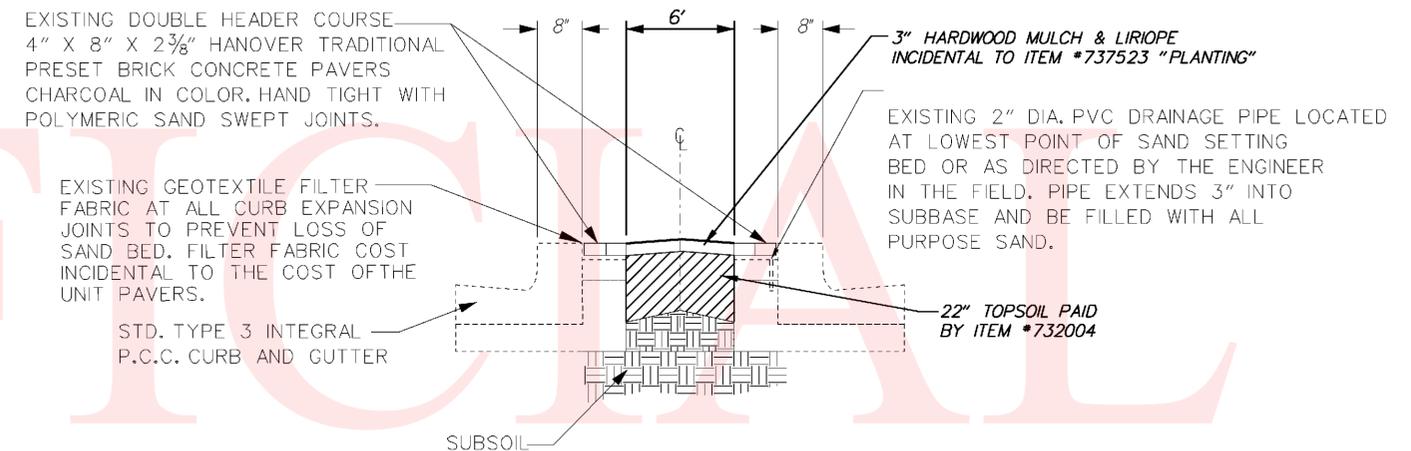
CONTRACT	BRIDGE NO.	N/A
T200910602	DESIGNED BY:	TRL
COUNTY	CHECKED BY:	TRB
N.C.		

CONSTRUCTION PLANS

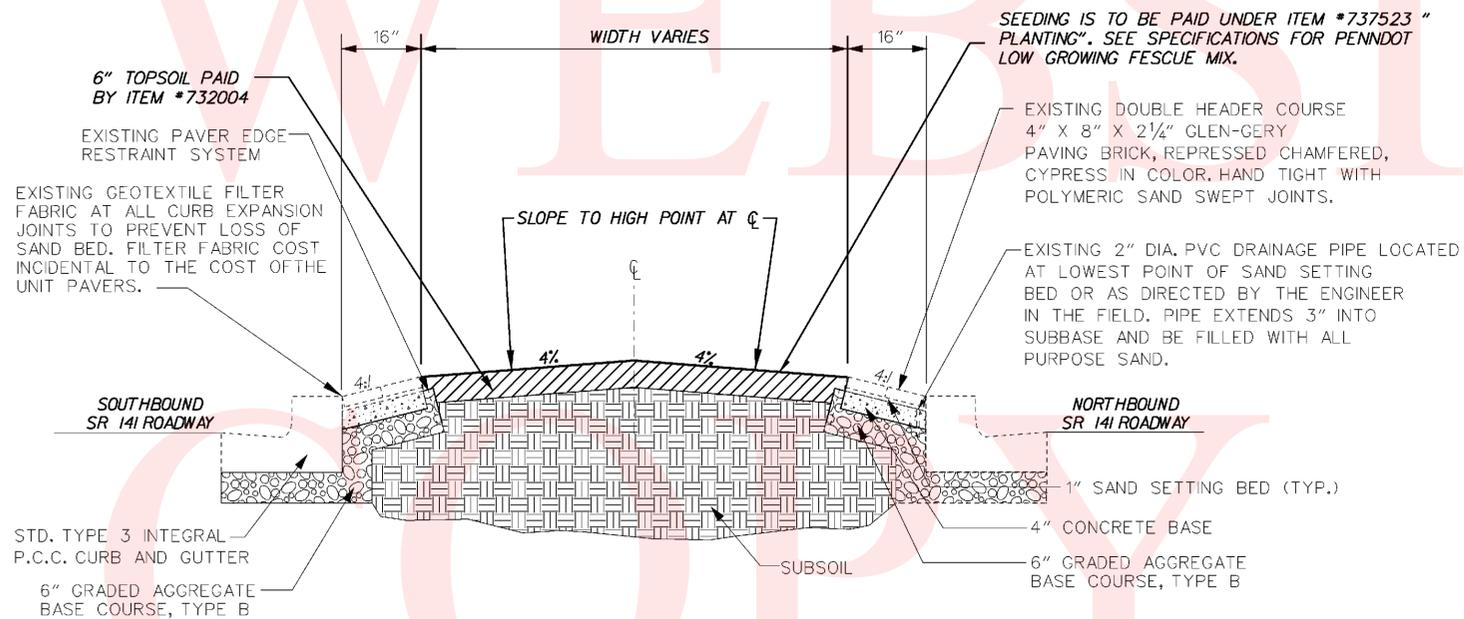
SHEET NO.	6
TOTAL SHTS.	15



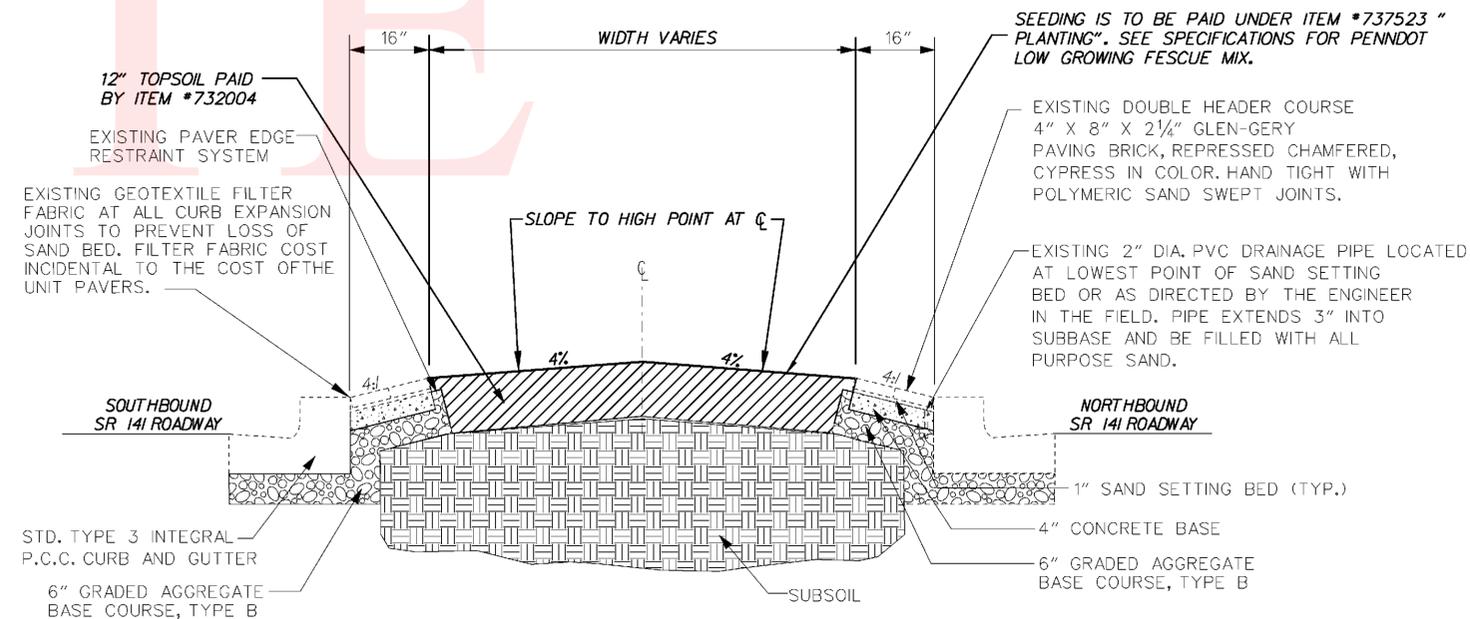
TYPICAL PAVER MEDIAN SECTION



TYPICAL MEDIAN SECTION WITH PLANTINGS



TYPICAL MEDIAN SECTION WITH GRASS (NON BERM)



TYPICAL MEDIAN SECTION WITH PLANTINGS & GRASS

W:\MSV8\CELLS\PROJ\DEV\SB.CEL

MOT NOTES:

1. ALL WORK SHALL BE PERFORMED IN A MANNER THAT WILL REASONABLY PROVIDE THE LEAST PRACTICAL OBSTRUCTION TO ALL ROAD USERS, INCLUDING VEHICULAR, PEDESTRIAN, AND BICYCLE TRAFFIC, AND SHALL CONFORM TO THE REQUIREMENTS OF THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES PART 6, INCLUDING ALL REVISIONS UP TO THE DATE OF ADVERTISEMENT FOR BIDS.

2. MAINTENANCE OF TRAFFIC DURING LANE CLOSURES AND LANE SHIFTS SHALL CONFORM TO TA-5B OF THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES RESPECTIVELY.

3. LONGITUDINAL DIMENSIONS FOR MAINTENANCE OF TRAFFIC CONFIGURATIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITION AS DIRECTED BY THE ENGINEER.

4. ALL TEMPORARY OR PERMANENT WARNING SIGNS WILL BE COVERED WITH RETROREFLECTIVE FLORESCENT SHEETING ON ALUMINUM PANELS, ELIMINATING THE NEED FOR TYPE "B" WARNING LIGHTS ON THESE SIGNS. ALL SIGNS SHALL BE MOUNTED ON BREAKAWAY POSTS SUCH THAT THE BOTTOM OF THE SIGN IS 7 FEET (PERMANENT WARNING SIGNS) OR 5 FEET (TEMPORARY WARNING SIGNS) ABOVE THE GROUND UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.

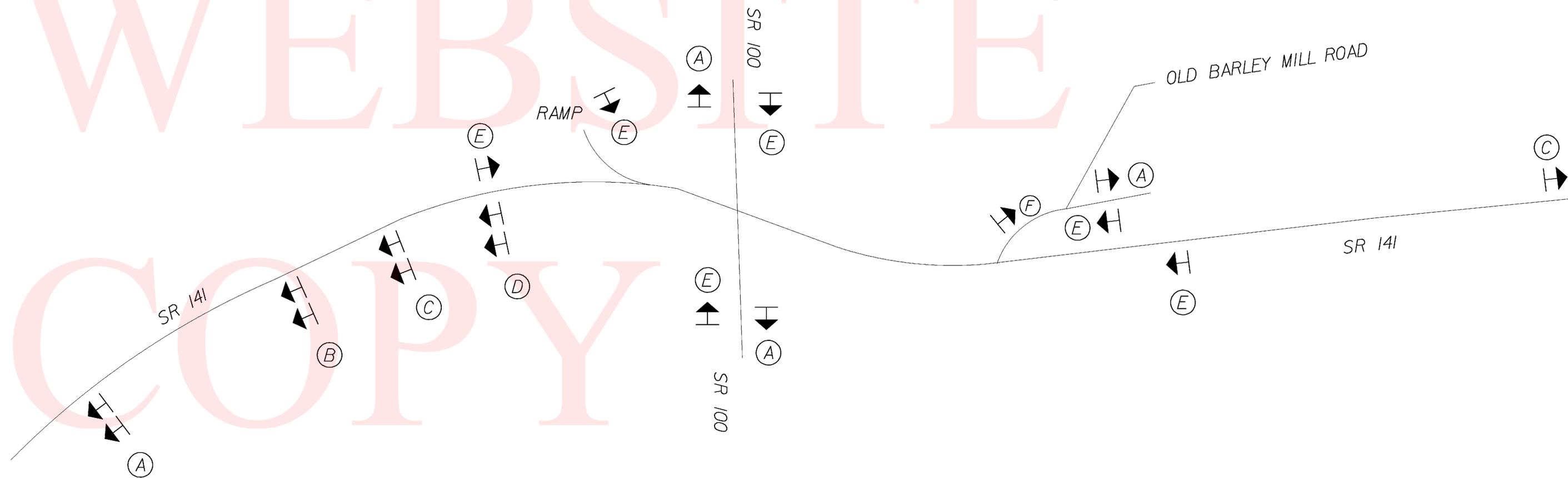
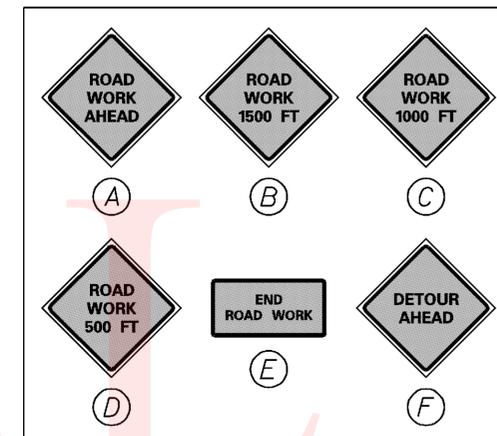
5. THE SPACING OF CHANNELIZATION DEVICES USED FOR TANGENT CHANNELIZATION SHALL BE EQUAL TO THE SPEED LIMIT IN MPH AND SHALL NOT EXCEED 50 FT, TO DISCOURAGE MOTORISTS FROM DRIVING ON UNFINISHED SURFACES, AS DIRECTED BY THE ENGINEER.

6. LANE CLOSURES WILL BE RESTRICTED TO BETWEEN 9AM TO 3PM FOR THIS PROJECT. NO WORK SHALL OCCUR ON HOLIDAYS.

7. THE HORIZONTAL CIRCUMFERENTIAL MARKINGS ON PLASTIC DRUMS SHALL BE MADE OF FLUORESCENT ORANGE AND WHITE PRISMATIC RETROREFLECTIVE SHEETING.

8. ALL TRAFFIC CONTROL DEVICES SHALL BE IN NEW OR REFURBISHED CONDITION, SHALL BE IN COMPLIANCE WITH THE TRAFFIC CONTROL MANUAL, AND SHALL BE APPROVED BY THE ENGINEER BEFORE INSTALLATION. TRAFFIC CONTROL DEVICES SHALL BE MAINTAINED IN GOOD CONDITION FOR DURATION OF USE.

9. TYPE I TRUCK MOUNTED ATTENUATORS WILL BE REQUIRED FOR THIS PROJECT.



ADDENDUMS / REVISIONS	

NOT TO SCALE

SR 141 & SR 100 LANDSCAPING

CONTRACT	BRIDGE NO.	N/A
T200910602	DESIGNED BY:	TRL
COUNTY	CHECKED BY:	TRB
N.C.		

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN

SHEET NO.	8
TOTAL SHTS.	15

CONSTRUCTION PHASING & M.O.T PHASE 1

	TRUCK WITH MOUNTED ATTENUATOR
	WORK AREA - PHASE 1

* THE TMA POSITION WILL VARY WITH THE PROGRESS OF CONSTRUCTION ACTIVITY.

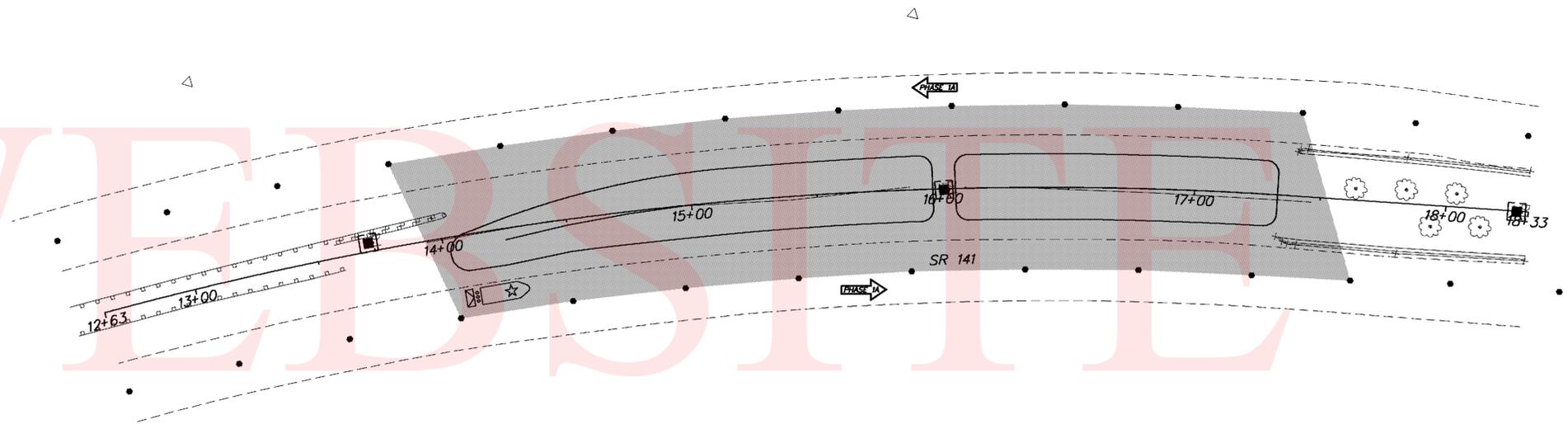
THE DRUMS BEYOND THE PROJECT LIMIT, WILL TAPER 540' (TA-33 L DISTANCE FOR 45 MPH).

EROSION & SEDIMENT CONTROL

	INLET SEDIMENT CONTROL
----------------------------------------------------------------------------------	------------------------

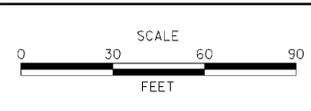
SEQUENCE OF CONSTRUCTION

- 1 PLACE ALL PERMANENT WARNING SIGNS AS SHOWN ON THE FIRST CONSTRUCTION PHASING, MOT AND EROSION CONTROL SHEET.
- 2 SHIFT TRAFFIC TO NEW LANES DESIGNATED FOR PHASE 1.
- 3 MAINTENANCE OF TRAFFIC DURING LANE CLOSURES SHALL CONFORM TO CASE 07 OF THE DELAWARE MUTCD.
- 4 ALL INLETS WITHIN THE PROJECT AREA WILL NEED INLET PROTECTION INSTALLED.
- 5 INSTALL ALL EROSION AND SEDIMENT CONTROL MEASURES AS DIRECTED BY THE ENGINEER IN THE FIELD.
- 6 STABILIZE ALL DISTURBED AREAS WITH TOPSOIL, SEED AND MULCH PRIOR TO REMOVAL OF SEDIMENT CONTROL DEVICES AND SWITCH TO PHASE 2 TRAFFIC CONTROL



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ADDENDUMS / REVISIONS	



CONTRACT T200910602	BRIDGE NO. N/A
COUNTY N.C.	DESIGNED BY: TRL
	CHECKED BY: TRB

SHEET NO. 9
TOTAL SHTS. 15

CONSTRUCTION PHASING & M.O.T PHASE 1

	WORK AREA - PHASE 1
	TRUCK WITH MOUNTED ATTENUATOR

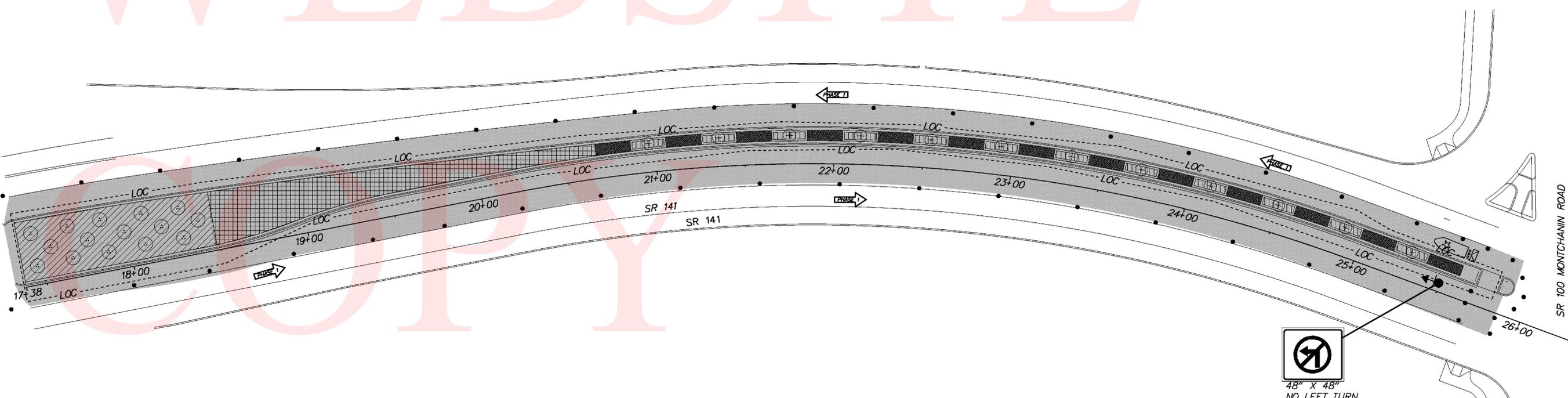
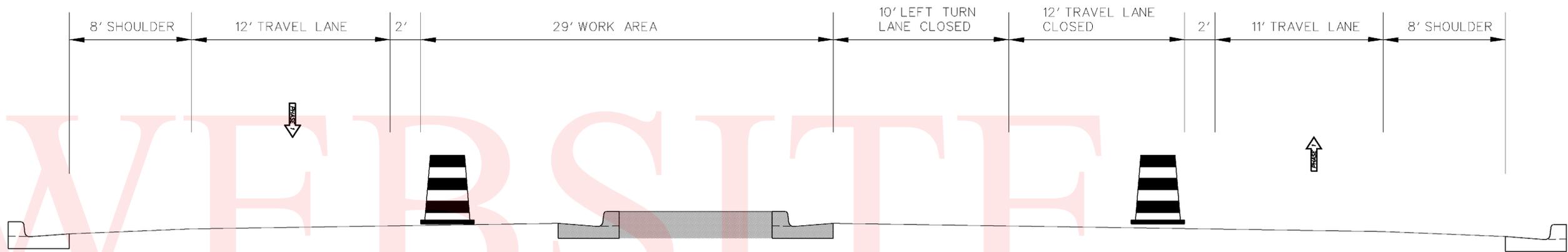
* THE TMA POSITION WILL VARY WITH THE PROGRESS OF CONSTRUCTION ACTIVITY.

SEQUENCE OF CONSTRUCTION

- 1 PLACE ALL PERMANENT WARNING SIGNS AS SHOWN ON THE FIRST CONSTRUCTION PHASING, MOT AND EROSION CONTROL SHEET.
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- 5 INSTALL ALL EROSION AND SEDIMENT CONTROL MEASURES AS DIRECTED BY THE ENGINEER IN THE FIELD.
- 6 STABILIZE ALL DISTURBED AREAS WITH TOPSOIL, SEED AND MULCH PRIOR TO REMOVAL OF SEDIMENT CONTROL DEVICES AND SWITCH TO PHASE 2 TRAFFIC CONTROL



UNOFFICIAL
WEBSITE



MATCHLINE STATION 26+32.00

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 DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	NOT TO SCALE	SR 141 & SR 100 LANDSCAPING	CONTRACT T200910602	BRIDGE NO. N/A	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 1	SHEET NO. 10	
					COUNTY N.C.		DESIGNED BY: TRL	TOTAL SHTS. 15
							CHECKED BY: TRB	

CONSTRUCTION PHASING & M.O.T PHASE 1

	TRUCK WITH MOUNTED ATTENUATOR
	WORK AREA - PHASE 1

- * THE TMA POSITION WILL VARY WITH THE PROGRESS OF CONSTRUCTION ACTIVITY.
- * THE DRUMS BEYOND THE PROJECT LIMIT, WILL TAPER 245' (TA-33 L DISTANCE FOR 35 MPH).



48" X 48"
NO LEFT TURN

SEQUENCE OF CONSTRUCTION

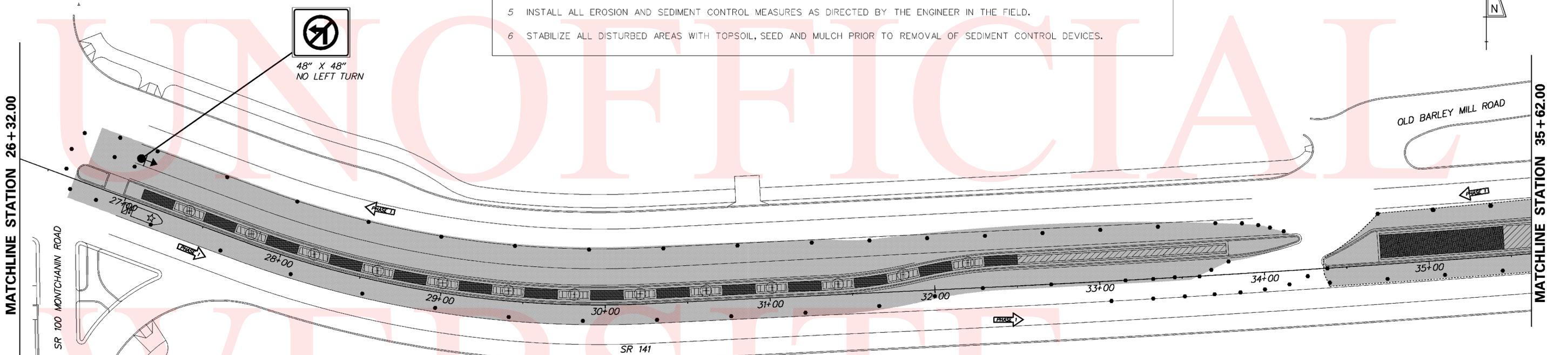
- 1 PLACE ALL PERMANENT WARNING SIGNS AS SHOWN ON THE FIRST CONSTRUCTION PHASING, MOT AND EROSION CONTROL SHEET.
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- 5 INSTALL ALL EROSION AND SEDIMENT CONTROL MEASURES AS DIRECTED BY THE ENGINEER IN THE FIELD.
- 6 STABILIZE ALL DISTURBED AREAS WITH TOPSOIL, SEED AND MULCH PRIOR TO REMOVAL OF SEDIMENT CONTROL DEVICES.

MATCHLINE STATION 26+32.00

SR 100 MONTCHANIN ROAD

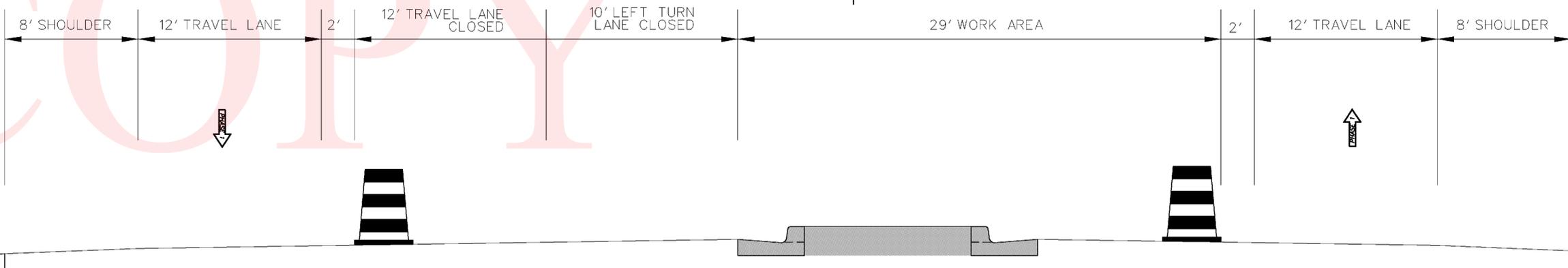
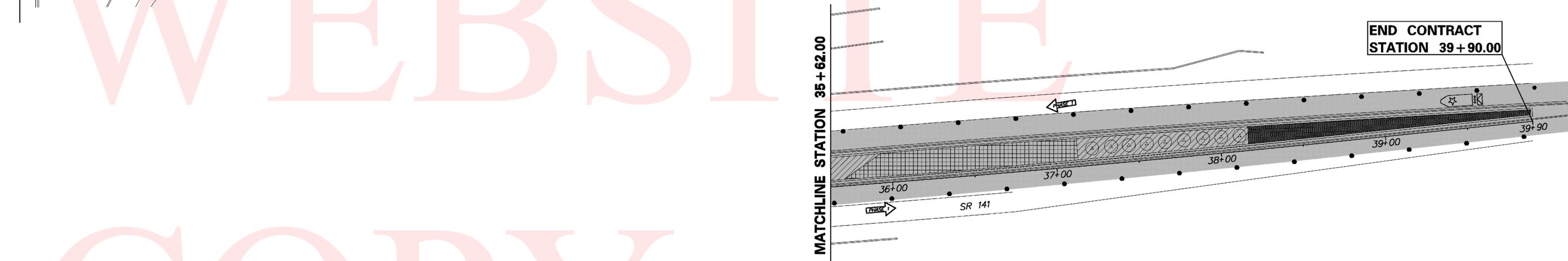
MATCHLINE STATION 35+62.00

OLD BARLEY MILL ROAD



MATCHLINE STATION 35+62.00

END CONTRACT STATION 39+90.00



PRIOR TO DETOUR
(10 Days prior to beginning of detour)

CMS-1

LEFT TURN TO 100N

CLOSED STARTING XXXXXX

DURING DETOUR

CMS-1

LEFT TURN TO 100N

CLOSED FOLLOW DETOUR

PRIOR TO DETOUR
(10 Days prior to beginning of detour)

CMS-2

XXXXXXXXXX
XXXXXXXXXX
XXXXXXXXXX

XXXXXXXXXX
XXXXXXXXXX
XXXXXXXXXX

DURING DETOUR

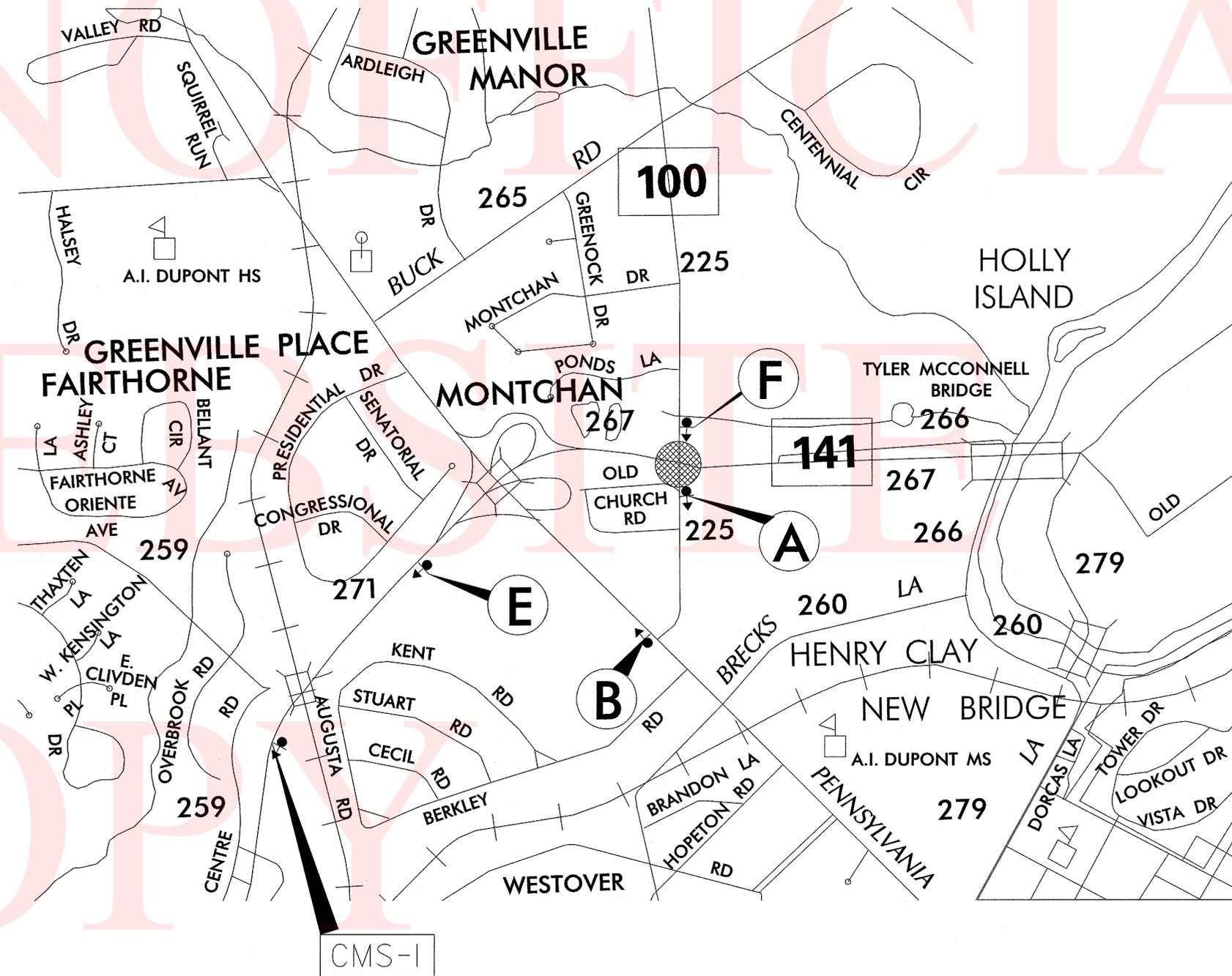
CMS-2

XXXXXXXXXX
XXXXXXXXXX
XXXXXXXXXX

XXXXXXXXXX
XXXXXXXXXX
XXXXXXXXXX

SPECIAL SIGNS

LEFT TURN CLOSURE
SR141 TO NORTH SR100
DETOUR PLAN
BARLEY MILL RD TO KENNETT PIKE



(A)	(B)	(C)
(D)	(E)	(F)
(G)	(H)	(I)
(J)	(K)	(L)
(M)	(N)	(O)
(P)	(Q)	(R)
(S)	(T)	

GENERAL NOTES

- ALL DETOUR SIGNING INCLUDING, TRAILBLAZERS, ARE TO BE SUPPLIED AND MAINTAINED BY THE GENERAL CONTRACTOR IN COMPLIANCE TO THE DE MANUAL ON 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.
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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.

RECOMMENDED *[Signature]* DATE: 3-4-11 RECOMMENDED _____ DATE: _____ RECOMMENDED *[Signature]* DATE: 3-4-11 APPROVED CHIEF SAFETY OFFICER *[Signature]* DATE: 3-4-11 APPROVED TRAFFIC ENGINEER *[Signature]* DATE: 3/4/11

<p>DELAWARE DEPARTMENT OF TRANSPORTATION</p>	ADDENDUM / REVISIONS	NOT TO SCALE	SR 141 AND SR 100 LANDSCAPING	CONTRACT	ROAD NO.	567A	DETOUR PLAN SR 141 TO NORTH SR 100	SHEET NO.	
				T200910602	DESIGNED BY:	MF		12	
				COUNTY	NC	CHECKED BY:			TOTAL SHTS.
								15	

LEFT TURN CLOSURE
SRI41 TO SOUTH SRI00
DETOUR PLAN
BARLEY MILL RD TO KENNETT PIKE

PRIOR TO DETOUR
(10 Days prior to beginning of detour)

CMS-1

LEFT
TURN
@SIGNAL

CLOSED
STARTING
XXXXXX

CMS-1 DURING DETOUR

LEFT
TURN
@SIGNAL

CLOSED
FOLLOW
DETOUR

CMS-2 PRIOR TO DETOUR
(10 Days prior to beginning of detour)

XXXXXXXX
XXXXXXXX
XXXXXXXX

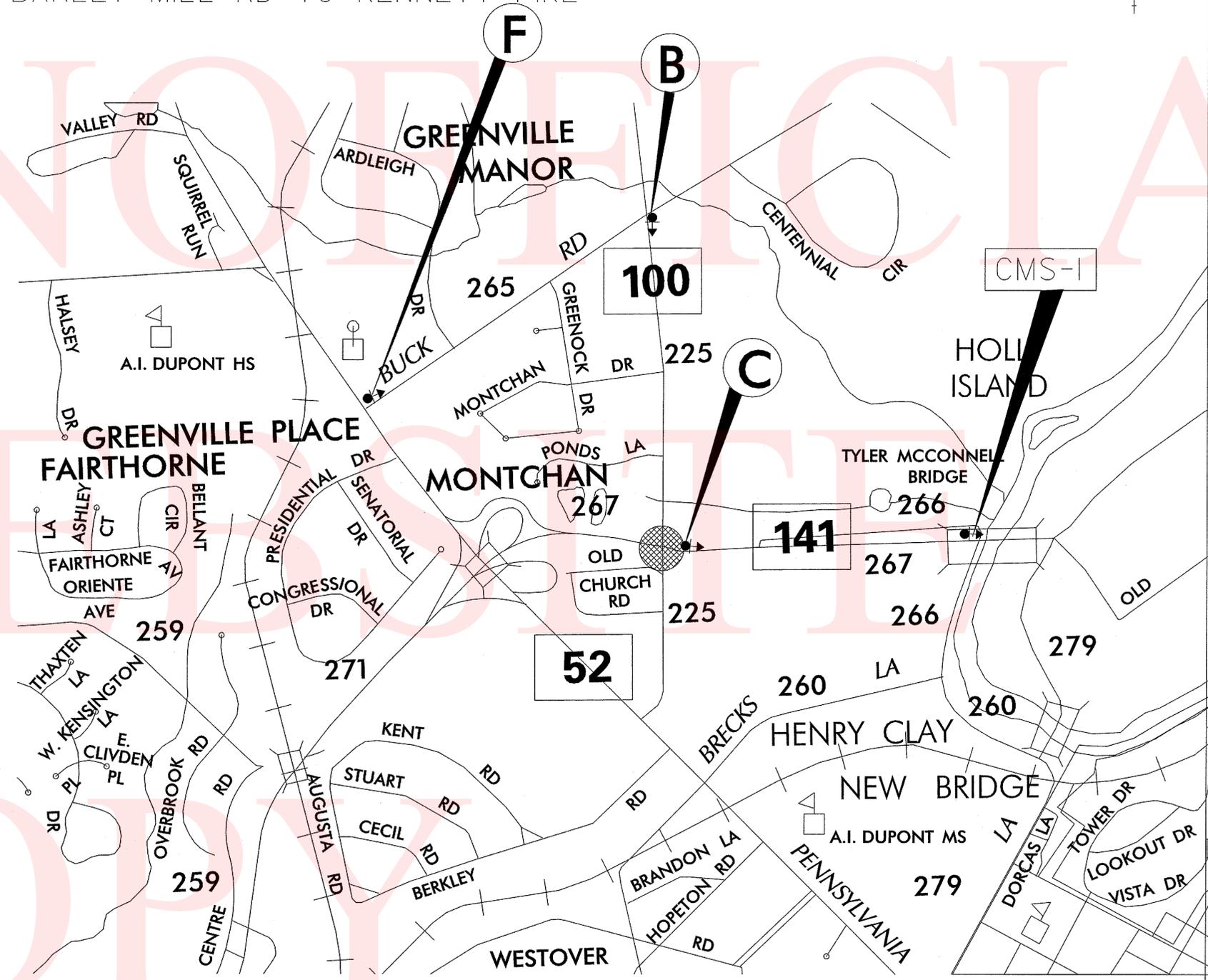
XXXXXXXX
XXXXXXXX
XXXXXXXX

CMS-2 DURING DETOUR

XXXXXXXX
XXXXXXXX
XXXXXXXX

XXXXXXXX
XXXXXXXX
XXXXXXXX

SPECIAL SIGNS



(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) _____	(N) DETOUR ←	(O) DETOUR →
(P) ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY	(Q) ROAD CLOSED	(R) ROAD CLOSED TO THRU TRAFFIC
(S) [BARRICADE]	[BARRICADE]	(T) [BARRICADE]

GENERAL NOTES

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- 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.
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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.

RECOMMENDED *[Signature]* DATE: 3-4-11 RECOMMENDED _____ DATE: _____ RECOMMENDED *[Signature]* DATE: 3-4-11 APPROVED CHIEF SAFETY OFFICER *[Signature]* DATE: 3-4-11 APPROVED TRAFFIC ENGINEER *[Signature]* DATE: 3/4/11

ADDENDUM / REVISIONS

NOT TO SCALE

SR 141 AND SR 100 LANDSCAPING

CONTRACT	ROAD NO.	567A
T200910602	DESIGNED BY:	MF
COUNTY	CHECKED BY:	
NC		

DETOUR PLAN	SHEET NO.
SR 141 TO SOUTH SR 100	13
	TOTAL SHTS.
	15

CHANGEABLE MESSAGE BOARDS

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

CMS-1
 DURING DETOUR
 XXXXXXXX
 XXXXXXXX
 XXXXXXXX

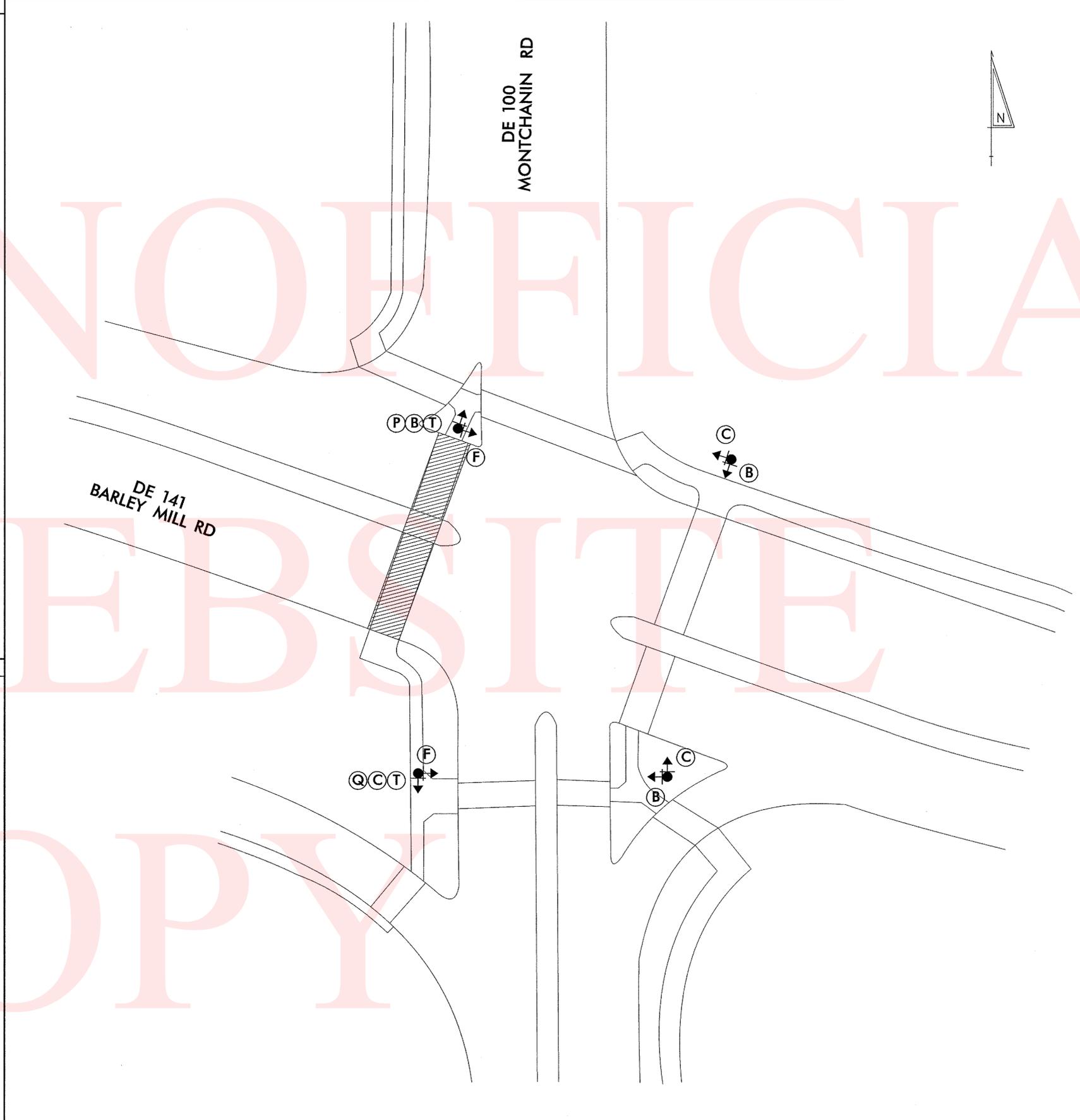
CMS-2
 PRIOR TO DETOUR
 (10 DAYS PRIOR TO BEGINNING OF DETOUR)
 XXXXXXXX
 XXXXXXXX
 XXXXXXXX

CMS-2
 DURING DETOUR
 XXXXXXXX
 XXXXXXXX
 XXXXXXXX

SPECIAL SIGNS

LEGEND

(A)	(B)	(C)
(D)	(E)	(F)
(G)	(H)	(I)
(J)	(K)	(L)
(M)	(N)	(O)
(P)	(Q)	(R)
(S)	(T)	



GENERAL NOTES

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- BARRICADES SHALL BE A MINIMUM OF 6 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.

RECOMMENDED _____ DATE: _____ RECOMMENDED *Paul P. P. P.* DATE: 4/14/11 RECOMMENDED *Wayne Hamilton Jr.* DATE: 4/6/11 APPROVED CHIEF SAFETY OFFICER *Michael J. ...* DATE: 4-21-11 APPROVED TRAFFIC ENGINEER *ASW* DATE: 4/21/11

<p>DELAWARE DEPARTMENT OF TRANSPORTATION</p>	ADDENDUM / REVISIONS		<p>NOT TO SCALE</p>	<p>SR 141 & SR 100 LANDSCAPING</p>	CONTRACT T200910602	PERMIT NO. X	<p>PEDESTRIAN DETOUR PLAN</p>	SHEET NO. 14
					COUNTY NEW CASTLE	DESIGNED BY: SWN		TOTAL SHTS. 15
					CHECKED BY: ASW			

CHANGEABLE MESSAGE BOARDS:

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

XXXXXXXX
XXXXXXXX
XXXXXXXX

XXXXXXXX
XXXXXXXX
XXXXXXXX

CMS-1 DURING DETOUR

XXXXXXXX
XXXXXXXX
XXXXXXXX

XXXXXXXX
XXXXXXXX
XXXXXXXX

CMS-2 PRIOR TO DETOUR
(10 DAYS PRIOR TO BEGINNING OF DETOUR)

XXXXXXXX
XXXXXXXX
XXXXXXXX

XXXXXXXX
XXXXXXXX
XXXXXXXX

CMS-2 DURING DETOUR

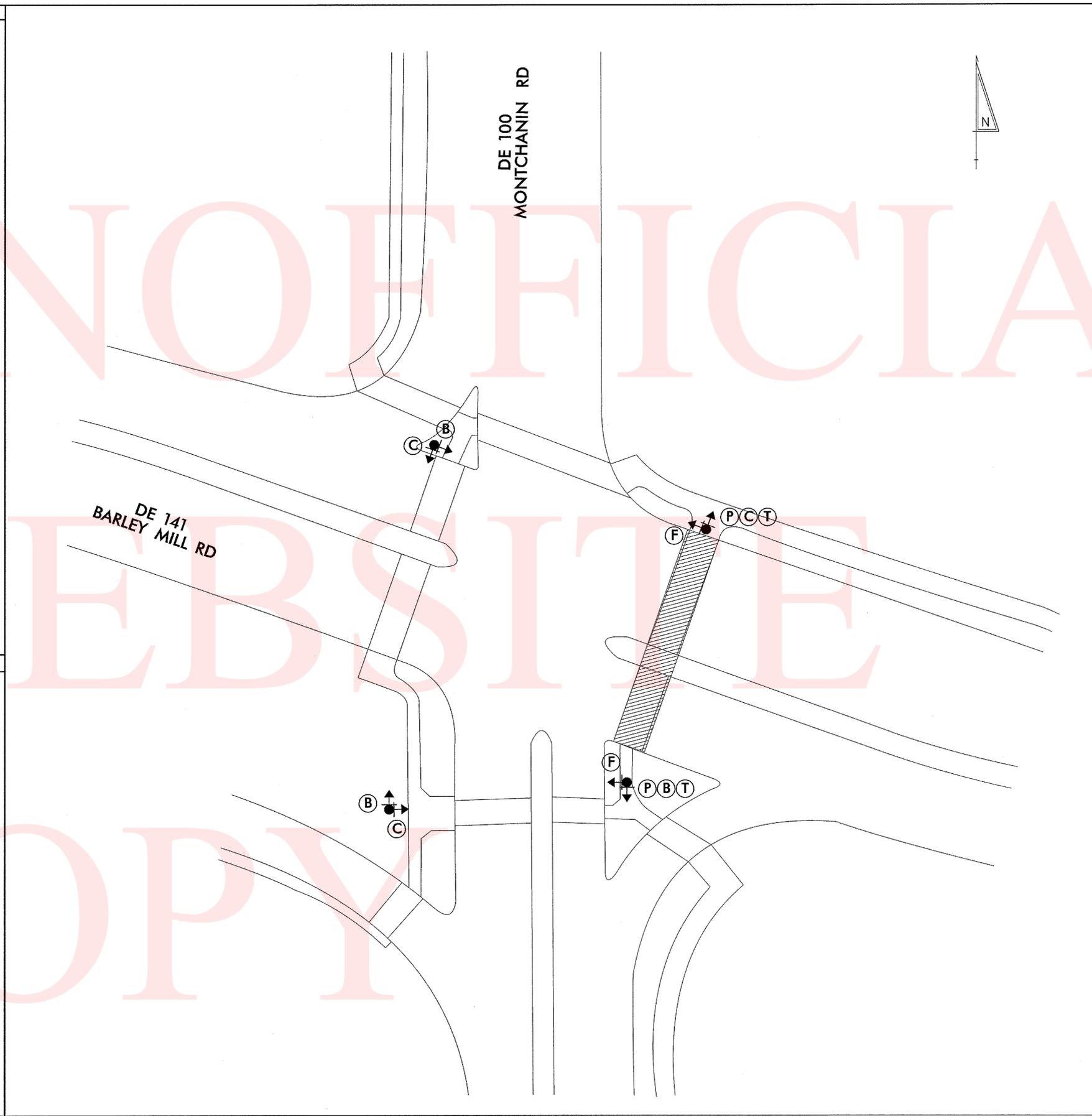
XXXXXXXX
XXXXXXXX
XXXXXXXX

XXXXXXXX
XXXXXXXX
XXXXXXXX

SPECIAL SIGNS:

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 CROSSWALK CLOSED	Q SIDEWALK CLOSED	R ROAD CLOSED TO THRU TRAFFIC
S BARRICADE		T BARRICADE



GENERAL NOTES:

- ALL DETOUR SIGNING INCLUDING, TRAILBLAZERS, ARE TO BE SUPPLIED AND MAINTAINED BY THE GENERAL CONTRACTOR IN COMPLIANCE TO THE DE 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)
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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.

RECOMMENDED _____ DATE: _____

RECOMMENDED *Paul P. Pickett* DATE: *4/14/11*

RECOMMENDED *Wayne Hamilton Jr.* DATE: *4/6/11*

APPROVED CHIEF SAFETY OFFICER *David B. Hagan* DATE: *4-21-11*

APPROVED TRAFFIC ENGINEER *Ally* DATE: *4/2/11*

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUM / REVISIONS

NOT TO SCALE

SR 141 & SR 100 LANDSCAPING

CONTRACT	PERMIT NO.	X
T200910602	DESIGNED BY: SWN	
COUNTY	CHECKED BY: ASW	
NEW CASTLE		

PEDESTRIAN DETOUR PLAN	SHEET NO. 15
	TOTAL SHTS. 15