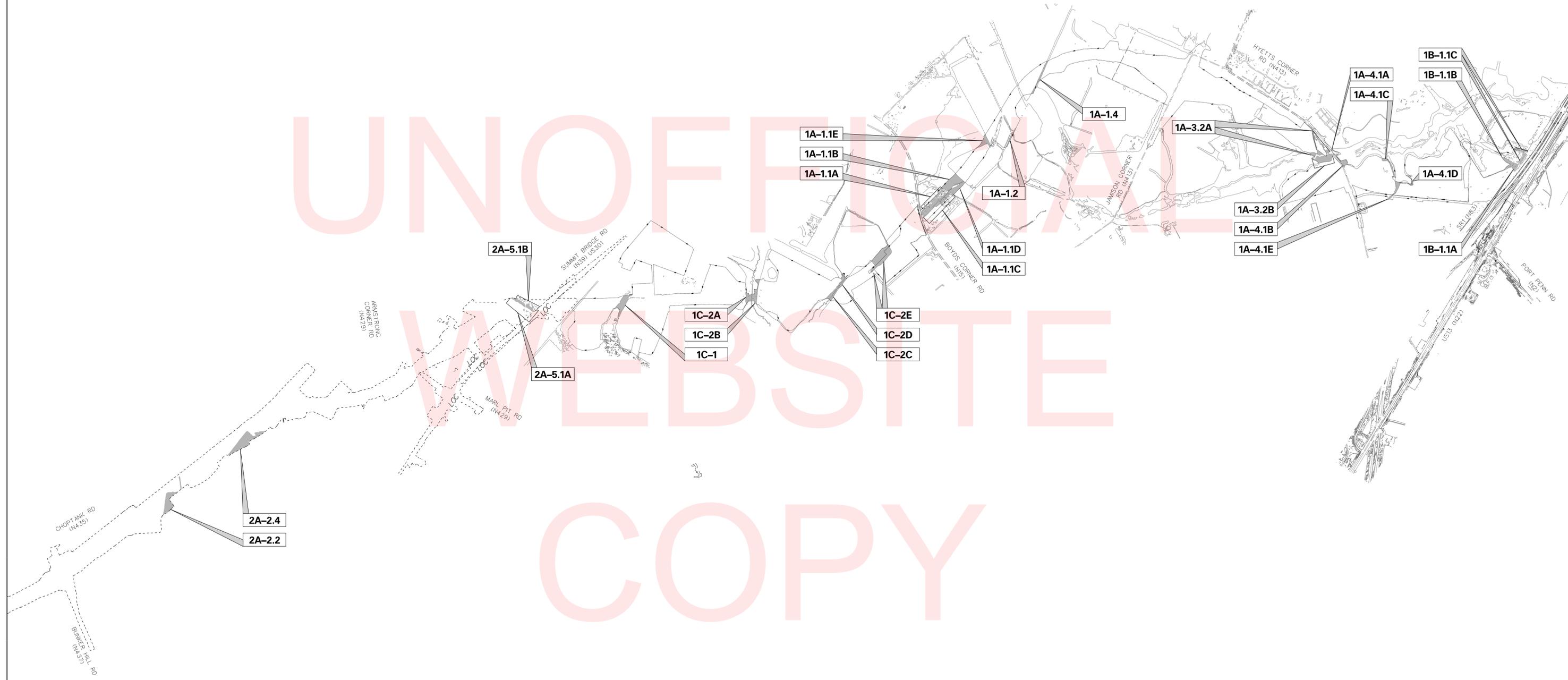




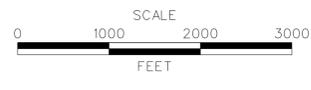
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ADDENDUMS / REVISIONS	



**US301 CLEARING, NORTH,
BUNKER HILL ROAD
TO SR1**

CONTRACT T2016113002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: KMC
	CHECKED BY: AKM

INDEX SHEET	SHEET NO. 2
	TOTAL SHTS. 20

EXISTING SYMBOLS

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

MANMADE ROADSIDE FEATURES	
	BOLLARD - STEEL POLE
	BOLLARD - WOOD POST
	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

RIGHT-OF-WAY SYMBOLS	
	PROPERTY MARKER - CONCRETE MON.
	PROPERTY MARKER - IRON PIPE
	HISTORIC RIGHT-OF-WAY BASELINE
	EXISTING RIGHT-OF-WAY
	EXISTING PROPERTY LINE
	EXISTING EASEMENT
	EXISTING DENIAL OF ACCESS
	EXISTING R/W & DENIAL OF ACCESS

SURVEY CONTROL & MONUMENTATION	
	SURVEY BENCHMARK LOCATION
	SURVEY TIE POINT LOCATION
	SURVEY TRAVERSE POINT
	POINT OF CURVATURE OR TANGENCY
	POINT OF INTERSECTING TANGENTS

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
	MANHOLE - UNDETERMINED OWNER

UTILITY COMPANY FACILITIES	
	DELAWARE ELECTRIC COOPERATIVE
	SUSSEX COUNTY - SEWER
	TOWN OF SELBYVILLE
	MEDIACOM
	VERIZON COMMUNICATIONS

PROPOSED SYMBOLS

CONSTRUCTION	
	CONCRETE SAFETY BARRIER - PERMANENT
	BIOFILTRATION SWALE
	BRICK PATTERNED SURFACE
	BUTT JOINT
	CONSTRUCTION BASELINE
	CONSTRUCTION SAFETY FENCE
	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, TYPE 1
	GUARDRAIL, TYPE 2
	GUARDRAIL, TYPE 3
	GUARDRAIL END ANCHORAGE
	GUARDRAIL END TREATMENT, TYPE 1
	GUARDRAIL END TREATMENT, TYPE 2
	GUARDRAIL END TREATMENT, TYPE 3
	IMPACT ATTENUATOR
	JUNCTION BOX - DRAINAGE
	LATERAL OFFSET
	LIMIT OF CONSTRUCTION
	MAILBOX
	MANHOLE
	PAVEMENT PATCH
	PAVEMENT REMOVAL - TOPSOIL, SEED AND MULCH
	PIPE & DIRECTIONAL FLOW ARROW
	RIPRAP
	P.C.C. SIDEWALK - 4"
	P.C.C. SIDEWALK - 6" (USE 8" DEPTH FOR CHANNELIZATION ISLANDS.)
	UNDERDRAIN
	UNDERDRAIN OUTLET

RIGHT-OF-WAY SYMBOLS	
	PROPOSED RIGHT-OF-WAY MONUMENT
	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

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
	CONSTRUCTION SAFETY FENCE
	DRAINAGE INLET
	DO NOT DISTURB
	ENERGY DISSIPATOR
	FENCE
	FLARED END SECTION
	FILL WITH FLOWABLE FILL
	FILTRATION STRUCTURE
	GUARDRAIL
	JUNCTION BOX
	MANHOLE
	MONUMENT - RIGHT-OF-WAY
	PIPE
	RELOCATE BY CONTRACTOR
	RELOCATE BY OTHERS
	REMOVE BY CONTRACTOR
	REMOVE BY OTHERS
	RIPRAP
	UNDERDRAIN / LENGTH
	UNDERDRAIN OUTLET PIPE

LANDSCAPING	
	LANDSCAPE PLANTINGS
	SHRUBBERY
	CONIFEROUS TREE
	DECIDUOUS TREE

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

PAVEMENT SECTION(S)	
	CLEARING LIMITS

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

UTILITY COMPANY FACILITIES	

ADDENDUMS / REVISIONS

NOT TO SCALE

US301 CLEARING, NORTH,
BUNKER HILL ROAD
TO SR1

CONTRACT T2016113002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: KMC
	CHECKED BY: AKM

LEGEND

SHEET NO.	3
TOTAL SHTS.	20

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.

EROSION POTENTIAL FOR THIS PROJECT	CONTRACTOR ESC SUPERVISOR REQUIREMENT
(X) INSIGNIFICANT	NONE
() MINOR	CONTRACTOR TRAINING PROGRAM, AS DEFINED IN SECTION 6.2 OF THE DELAWARE SEDIMENT AND STORMWATER REGULATIONS.
() MEDIUM	CONTRACTOR TRAINING PROGRAM, AS DEFINED IN SECTION 6.2 OF THE DELAWARE SEDIMENT AND STORMWATER REGULATIONS.
() MAJOR	CERTIFIED CONSTRUCTION REVIEWER (CCR), AS DEFINED IN SECTION 6.3 OF THE DELAWARE SEDIMENT AND STORMWATER REGULATIONS.

3. ELECTRONIC PROJECT FILES THAT WILL BE MADE AVAILABLE TO THE AWARDED CONTRACTOR, INCLUDE:

(X)	NONE
()	ASCII DATA FILES WITH COORDINATES AND ELEVATIONS FOR PROPOSED POINTS AS SELECTED BY THE ENGINEER.
()	ALL PLAN SHEETS, IN PDF FORMAT.
()	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).

NOTE: THE DOCUMENT ENTITLED "RELEASE FOR DELIVERY OF DOCUMENTS IN ELECTRONIC FORM TO A CONTRACTOR" MUST BE SIGNED BY ALL PARTIES PRIOR TO THE DELIVERY OF ANY ELECTRONIC PROJECT FILES.

4. PROJECT FILES THAT WILL BE MADE AVAILABLE TO THE CONTRACTOR, INCLUDE:

()	CROSS SECTIONS
()	RIGHT-OF-WAY PLANS (WILL BE MADE AVAILABLE TO THE AWARDED CONTRACTOR)

5. 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. PAYMENT FOR ATSSA SUPERVISOR IS INCIDENTAL TO ITEM 743000.
()	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. PAYMENT FOR ATSSA SUPERVISOR SHALL BE PAID FOR UNDER ITEM 743031.

6. THE DISTURBED AREA FOR THIS PROJECT IS 0 ACRES.
7. THE SEDIMENT AND STORMWATER MANAGEMENT PLANS HAVE BEEN APPROVED BY DELDOT'S STORMWATER ENGINEER UNDER DELDOT'S DELEGATED AUTHORITY. THE SEDIMENT AND STORMWATER MANAGEMENT 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 WILL INFORM THE ENGINEER THREE MONTHS PRIOR TO THE EXPIRATION OF THE APPROVED SEDIMENT AND STORMWATER MANAGEMENT PLANS. THE STORMWATER ENGINEER WILL REVIEW THE CURRENT SEDIMENT AND STORMWATER MANAGEMENT PLAN AND ISSUE AN EXTENSION WITH ANY APPROPRIATE MODIFICATIONS.

PROJECT NOTES
SECTION 100

1. ANY DAMAGE DONE BY THE CONTRACTOR TO ITEMS NOTED TO REMAIN OR BE RELOCATED OR RESET BY THE CONTRACTOR, AT THE DISCRETION OF THE ENGINEER, SHALL BE REPAIRED AND/OR REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
2. PROPERTY MARKERS LOCATED ALONG RIGHT OF WAY LINES THAT ARE NOT REVISED AS PART OF THIS CONTRACT SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 107.09 OF THE STANDARD SPECIFICATIONS. ANY SUCH PROPERTY MARKERS THAT ARE DISTURBED OR DESTROYED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR WITH NEW MARKERS OF COMPARABLE MATERIAL AND SIZE TO THE ORIGINAL AND MEETING THE CURRENT STANDARDS. ALL MARKERS THAT ARE PLACED SHALL BE LOCATED AND SET BY, OR UNDER THE SUPERVISION OF, A REGISTERED PROFESSIONAL ENGINEER OR LAND SURVEYOR LICENSED TO PRACTICE IN THE STATE OF DELAWARE. COSTS TO BE INCIDENTAL TO THE LUMP SUM BID FOR ITEM 763501, CONSTRUCTION ENGINEERING. UNLESS SPECIFIED OTHERWISE IN THE RIGHT OF WAY AGREEMENT WITH THE PROPERTY OWNER, ESTABLISHING NEW PROPERTY CORNERS ALONG THE PROPOSED RIGHT OF WAY IS THE RESPONSIBILITY OF THE PROPERTY OWNERS. IN THESE CASES, THE CONTRACTOR NEED ONLY ESTABLISH THE NEW RIGHT OF WAY LINE ALONG THE PROPERTY IN QUESTION. COSTS TO ESTABLISH THE RIGHT OF WAY LINE, IF NECESSARY, TO BE INCIDENTAL TO ITEM 763501, CONSTRUCTION ENGINEERING.

SECTION 200

3. THE CONTRACTOR SHALL REMOVE AND RESET ALL MAILBOXES TO MAINTAIN MAIL SERVICE AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL RELOCATE MAILBOXES AS REQUIRED BY THE PROPOSED GEOMETRICS AND AS DIRECTED BY THE ENGINEER. WHEN RELOCATING MAILBOXES IN CURBED SECTIONS, THE FACE OF THE MAILBOX SHALL BE FLUSH WITH THE BACK EDGE OF CURB. WHEN RELOCATING MAILBOXES IN OPEN SECTIONS, THE FACE OF THE MAILBOX SHALL SET BACK 8 INCHES FROM THE EDGE OF THE PAVED SHOULDER. THE BOTTOM OF THE MAILBOX SHALL BE SET 46 INCHES ABOVE THE ROADWAY SURFACE. MAILBOXES LOCATED AT DRIVEWAY ENTRANCES SHALL BE PLACED ON THE FAR SIDE OF THE DRIVEWAY IN THE DIRECTION OF TRAVEL. POSTS BEING RESET IN CONCRETE SIDEWALK SHALL BE PLACED IN AN APPROPRIATE SIZE PVC SLEEVE. COST FOR ALL WORK AND MATERIALS SHALL BE PAID UNDER ITEM 201000 - CLEARING AND GRUBBING.
4. THE CONTRACTOR SHALL PERFORM CLEARING AND NOT GRUBBING AND THE CLEARED MATERIALS SHALL BE LEFT WITHIN THE LIMITS OF THE PROJECT AT THE LOCATIONS WHERE THEY ARE CLEARED. THE CONTRACTOR SHALL CUT ANY TREES 3 INCHES AND LARGER IN DIAMETER AT BREST HEIGHT (DBH) SO AS TO LEAVE A STUMP THAT IS APPROXIMATELY TWO TO FOUR FEET ABOVE THE EXISTING GROUND.
5. A BREAKOUT SHEET IS PROVIDED IN THE BID PROPOSAL FOR ITEM 201000 CLEARING AND GRUBBING LISTING THE INDIVIDUAL AREAS TO BE CLEARED. THE CONTRACTOR SHALL SUBMIT A COST BREAKDOWN OF HIS LUMP SUM PRICE BID FOR ITEM 201000 SHOWING THE DOLLAR VALUE AMOUNT FOR EACH AREA, THE SUM OF WHICH IS EQUAL TO THE LUMP SUM PRICE BID FOR ITEM 201000. THE DEPARTMENT RESERVES THE RIGHT TO DELETE ONE OR MORE AREAS AND THE LUMP SUM PRICE TO BE PAID SHALL BE ADJUSTED PER THE CONTRACTOR'S BREAKOUT SHEET PRICE FOR THE DELETED AREAS. THERE WILL BE NO EXTRA COMPENSATION TO THE CONTRACTOR IF ANY SUCH DELETIONS ARE MADE.

SECTION 900

6. THE CONTRACTOR SHALL PERFORM ALL OPERATIONS SO AS TO MINIMIZE DISTURBANCE TO THE GROUND AND PREVENT MUD TRACKING ONTO PAVED ROADS. AT THIS TIME, NO EROSION AND SEDIMENT CONTROL DEVICES ARE EXPECTED TO BE REQUIRED, HOWEVER, IF THE DISTURBANCE TO THE GROUND IS EXCESSIVE IN THE OPINION OF THE ENGINEER, THE WORK IN THE AREA OF THE EXCESSIVELY DISTURBED AREA SHALL STOP AND EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER. THE EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED AT THE CONTRACT UNIT PRICE FOR THE APPROPRIATE EROSION AND SEDIMENT CONTROL DEVICE.
7. AFTER COMPLETING THE CLEARING IN A DESIGNATED AREA OR PORTION THEREOF, THE CONTRACTOR SHALL APPLY ITEM 908014 TO ANY DISTURBED AREA AS DIRECTED BY THE ENGINEER WITHIN FOURTEEN CALENDAR DAYS OF BEING NOTIFIED.

MISCELLANEOUS

8. THE CONTRACTOR SHALL CONTACT WILLIAM LOTHARP, THE CHIEF OF SCHEDULING FOR DART FIRST STATE, 14 DAYS PRIOR TO THE START OF CONSTRUCTION AT 302-576-6006.
9. REFER TO CONSTRUCTION PLAN SHEETS FOR THE LOCATION OF THE CLEAR ZONE AREA LIMITS.
10. PROTECTION OF RESOURCES:
 1. ITEM 727552, RESOURCE PROTECTION FENCE (WITH ASSOCIATED SIGNAGE) SHALL BE USED ALONG THE LIMIT OF CONSTRUCTION (LOC) AND OTHER AREAS SHOWN ON THE PLANS WHERE WETLANDS, WATERS OR CULTURAL RESOURCES EXIST. RESOURCE PROTECTION FENCE SHALL BE INSTALLED IMMEDIATELY AFTER STAKEOUT OF LOC AND PRIOR TO INSTALLATION OF EROSION AND SEDIMENT CONTROLS. THE ENGINEER SHALL STAKEOUT THE LOCATION OF THE RESOURCE PROTECTION FENCE AND THE ENVIRONMENTAL MONITOR WILL BE RESPONSIBLE FOR CONFIRMING OR ADJUSTING THE FENCING LOCATIONS PRIOR TO CONSTRUCTION. IMPROPERLY PLACED FENCE SHALL BE RE-INSTALLED AT CONTRACTOR EXPENSE. ANY ADDITIONAL RESOURCE PROTECTION FENCE AS REQUESTED BY THE ENVIRONMENTAL MONITOR AND CONFIRMED BY THE ENGINEER SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE. RESOURCE PROTECTION FENCE SIGNAGE SHALL BE PROVIDED BY DELDOT AND INSTALLED BY THE CONTRACTOR ALONG THE FENCE NO GREATER THAN 100 FEET APART AND WITH A MINIMUM OF 2 SIGNS PER CONTINUOUS FENCE RUN AS INDICATED IN THE SPECIAL PROVISIONS. RESOURCE PROTECTION FENCE SHALL BE PAID FOR UNDER ITEM 727552- RESOURCE PROTECTION FENCE.
 - II. THE PURPOSE OF ITEM 727552- RESOURCE PROTECTION FENCE IS TO PREVENT IMPACTS TO SENSITIVE RESOURCES DURING CONSTRUCTION. ACCESS INTO THESE AREAS IS STRICTLY PROHIBITED. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL EMPLOYEES UNDERSTAND AND COMPLY WITH THE PURPOSE OF THE RESOURCE PROTECTION FENCE.
 - III. THE INSTALLATION OF THE RESOURCE PROTECTION FENCE IS THE ONLY CONSTRUCTION ACTIVITY THAT ARE AUTHORIZED TO OCCUR OUTSIDE THE LOC.
 - IV. THE MAJORITY OF THE RESOURCE PROTECTION FENCE IS EXPECTED TO BE TO BE INSTALLED IN ADVANCE OF THIS CONTRACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING THE REMAINDER OF THE RESOURCE PROTECTION FENCE TO PROVIDE THE FULL PROTECTION AS SHOWN ON THE PLANS.
 - V. DELDOT SHALL PROVIDE THE RESOURCE PROTECTION FENCE MATERIALS (FABRIC IN 100 FOOT ROLLS; 6 FOOT METAL FENCE POSTS; 8 INCH WIRE TIES; AND SIGNAGE). THE CONTRACTOR SHALL PICK UP THESE MATERIALS AT THE DELDOT ODESSA MAINTENANCE YARD, 749 ODESSA-MIDDLETOWN ROAD, MIDDLETOWN, DE DURING NORMAL BUSINESS HOURS AND SHALL CONTACT JEFF TRENT (302-668-7712) AT LEAST TWO BUSINESS DAYS IN ADVANCE TO SCHEDULE THE PICK UP.
 - VI. RESOURCE PROTECTION FENCE SHALL BE INSTALLED BY HAND AS PER THE DETAILS AND SPECIFICATIONS OF ITEM 727552- RESOURCE PROTECTION FENCE. THERE SHALL BE NO GRUBBING FOR THE INSTALLATION OF RESOURCE PROTECTION FENCE. ENVIRONMENTAL IMPACTS SHALL BE MINIMIZED DURING THE INSTALLATION OF THE RESOURCE PROTECTION FENCE AND THE REMOVAL OF THE RESOURCE PROTECTION FENCE. ACCESS AND INSTALLATION/REMOVAL OF THE RESOURCE PROTECTION FENCE SHALL BE COORDINATED WITH THE ENVIRONMENTAL MONITOR.
 - VII. ANY RESOURCE PROTECTION FENCE DAMAGED BY THE CONTRACTOR'S ACTIVITIES SHALL BE REPAIRED OR REPLACED AT THE DIRECTION OF THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR, INCLUDING REMOVAL AND DISPOSAL OF DAMAGED MATERIALS.
 - VIII. THE RESOURCE PROTECTION FENCE AND SIGNS SHALL REMAIN IN PLACE AT THE END OF THE CONTRACT.
11. THE LIMITS OF DISTURBANCE AND LIMITS OF THE RESOURCE PROTECTION FENCE SHALL BE STAKED IN THE FIELD BY DELDOT.
12. WHEN AREAS TO BE CLEARED ARE ADJACENT TO EXISTING ROADS OR UTILITIES, THE CONTRACTOR SHALL BEGIN THE CLEARING WITHIN THAT AREA AT A POINT AWAY FROM THE ROAD/UTILITY SO THAT THE TREES THAT ARE NEAR TO THE ROAD/UTILITY CAN BE CUT SO THAT THEY FALL AWAY FROM THE ROAD/UTILITY WITHOUT IMPACTING THE ROAD/UTILITY.
13. WHEN AREAS TO BE CLEARED ARE ADJACENT TO STREAMS OR DRAINAGE COURSES, THE CLEARING SHALL BE PERFORMED SUCH THAT THE CLEARED MATERIALS DO NOT FALL INTO THE STREAM OR DRAINAGE COURSE.
14. THE AREAS TO BE CLEARED HAVE BEEN NUMERICALLY IDENTIFIED ON THE PLANS. THE CONTRACTOR SHALL CLEAR THE AREAS IN THE SEQUENCE IDENTIFIED BELOW. THE CONTRACTOR MAY START WORK IN MORE THAN ONE AREA AT A TIME BUT SHALL COMPLETE THE CLEARING IN THAT AREA BEFORE MOVING ON TO THE NEXT AREA IN THE SEQUENCE.
 - a. ALL 1B AREAS
 - b. ALL 1C AREAS
 - c. ALL 1A AREAS
 - d. ALL 2A AREAS
15. THE ENGINEER WILL STAKE OUT THE LIMITS OF CONSTRUCTION REQUIRED FOR THE CLEARING. ALL CLEARING SHALL BE PERFORMED SO THAT ALL CLEARED MATERIALS STAY WITHIN THE LIMIT OF CONSTRUCTION.
16. THE ENGINEER WILL STAKE OUT THE RIGHT-OF-WAY AS REQUIRED FOR ACCESS TO THE CLEARING AREAS. ALL ACCESS TO THE CLEARING AREAS SHALL REMAIN WITHIN THE RIGHT-OF-WAY. ACCESS TO THE FOLLOWING CLEARING AREAS REQUIRES CROSSING OF STREAMS AND THE CROSSING OF THE STREAMS AND CLEARING OF THOSE AREAS SHALL ONLY BE PERFORMED BY PERSONNEL. NO MATERIALS SHALL BE ALLOWED TO BE PLACED IN THE STREAM TO AID IN THE STREAM CROSSING. NO WHEELED OR TRACK MOUNTED EQUIPMENT SHALL BE ALLOWED TO CROSS STREAMS.
 - a. 1C-2B
 - b. 1C-2C

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LAST REVISED: 09/19/2014
MANAGES PROJECTS/REVIEWS/DEVELOPMENT/PRODUCTION/202PRO AD/ROW/ARTO2.DGN



ADDENDUMS / REVISIONS

NOT TO SCALE

**US301 CLEARING, NORTH,
BUNKER HILL ROAD
TO SR1**

CONTRACT	BRIDGE NO.
T2016113002	
COUNTY	DESIGNED BY: KMC
NEW CASTLE	CHECKED BY: AKM

PROJECT NOTES

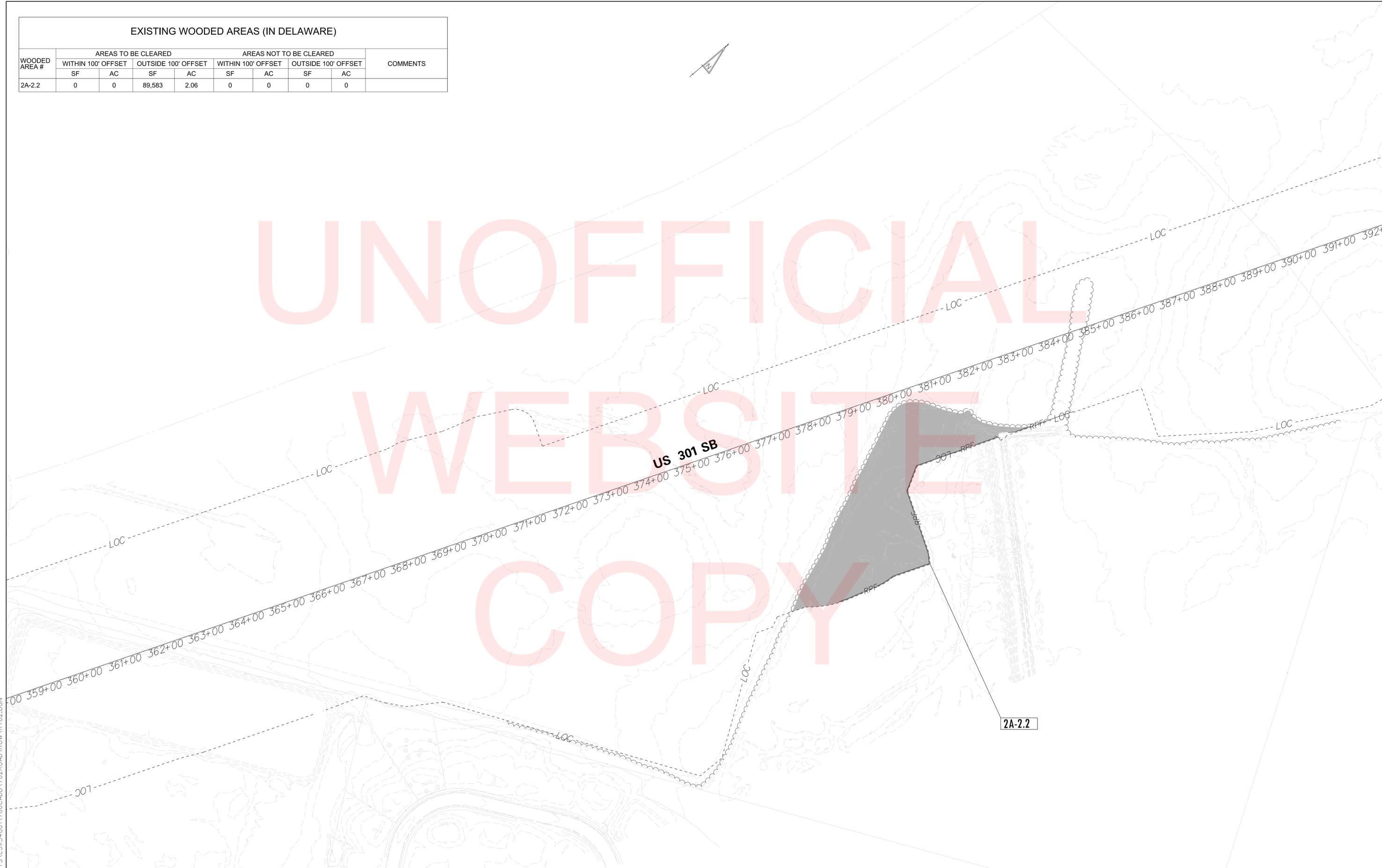
SHEET NO.
4
TOTAL SHTS.
20

EXISTING WOODED AREAS (IN DELAWARE)

WOODED AREA #	AREAS TO BE CLEARED				AREAS NOT TO BE CLEARED				COMMENTS
	WITHIN 100' OFFSET		OUTSIDE 100' OFFSET		WITHIN 100' OFFSET		OUTSIDE 100' OFFSET		
	SF	AC	SF	AC	SF	AC	SF	AC	
2A-2.2	0	0	89,583	2.06	0	0	0	0	



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COPY



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ADDENDUMS / REVISIONS

100 SCALE

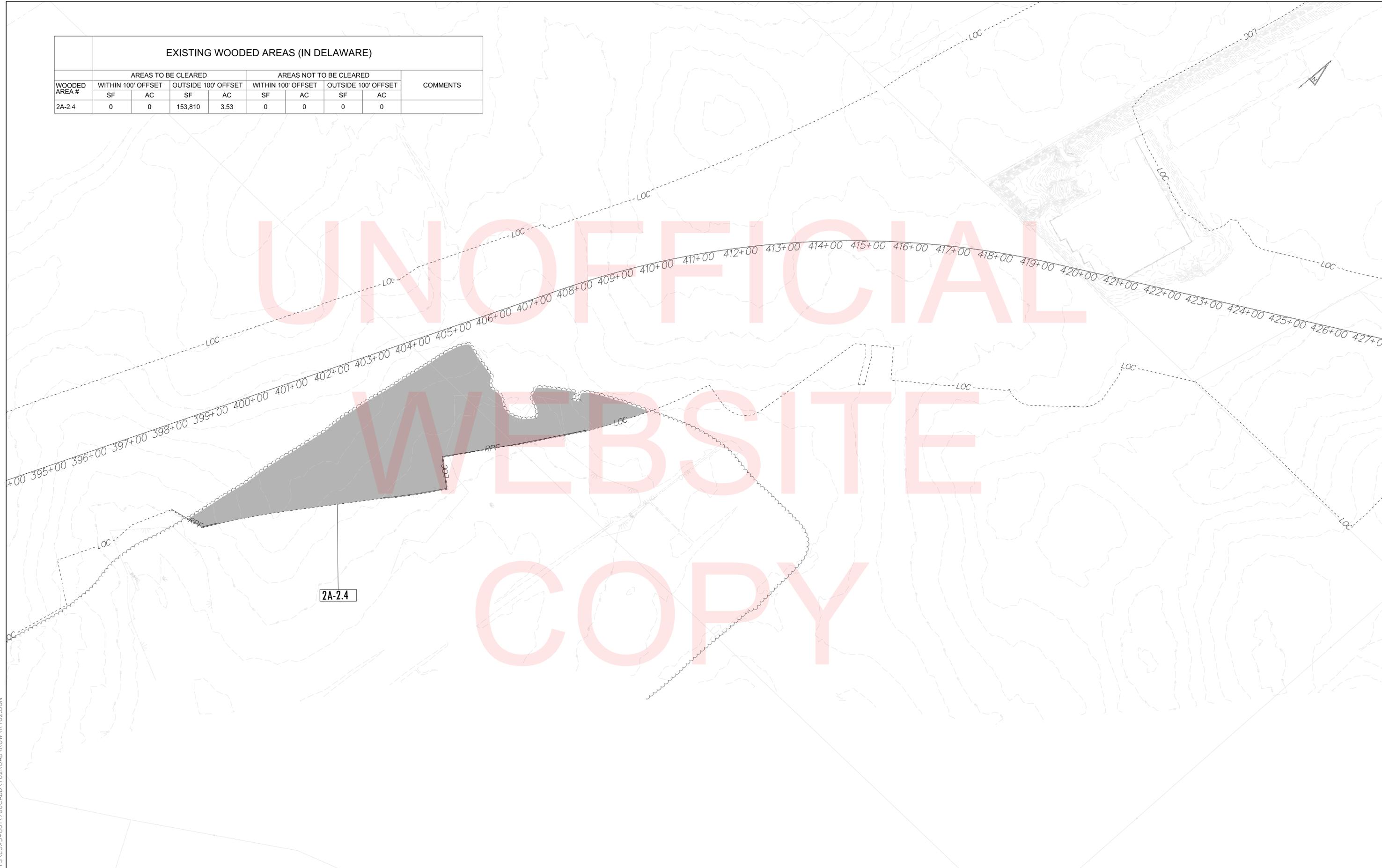
**US301 CLEARING, NORTH,
BUNKER HILL ROAD
TO SR1**

CONTRACT T2016113002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: KMC
	CHECKED BY: AKM

CLEARING PLAN

SHEET NO. 5
TOTAL SHTS. 20

EXISTING WOODED AREAS (IN DELAWARE)									
WOODED AREA #	AREAS TO BE CLEARED				AREAS NOT TO BE CLEARED				COMMENTS
	WITHIN 100' OFFSET		OUTSIDE 100' OFFSET		WITHIN 100' OFFSET		OUTSIDE 100' OFFSET		
	SF	AC	SF	AC	SF	AC	SF	AC	
2A-2.4	0	0	153,810	3.53	0	0	0	0	



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ADDENDUMS / REVISIONS

100 SCALE

**US301 CLEARING, NORTH,
BUNKER HILL ROAD
TO SR1**

CONTRACT T2016113002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: KMC
	CHECKED BY: AKM

CLEARING PLAN

SHEET NO. 6
TOTAL SHTS. 20

EXISTING WOODED AREAS (IN DELAWARE)									
WOODED AREA #	AREAS TO BE CLEARED				AREAS NOT TO BE CLEARED				COMMENTS
	WITHIN 100' OFFSET		OUTSIDE 100' OFFSET		WITHIN 100' OFFSET		OUTSIDE 100' OFFSET		
	SF	AC	SF	AC	SF	AC	SF	AC	
2A-5.1A	460	0.01	4,657	0.11	0	0	0	0	
2A-5.1B	7,154	0.16	54,652	1.25	0	0	0	0	

NOTE:
 2A-5.1A IS THE AREA SOUTH OF THE DITCH.
 2A-5.1B IS THE AREA NORTH OF THE DITCH

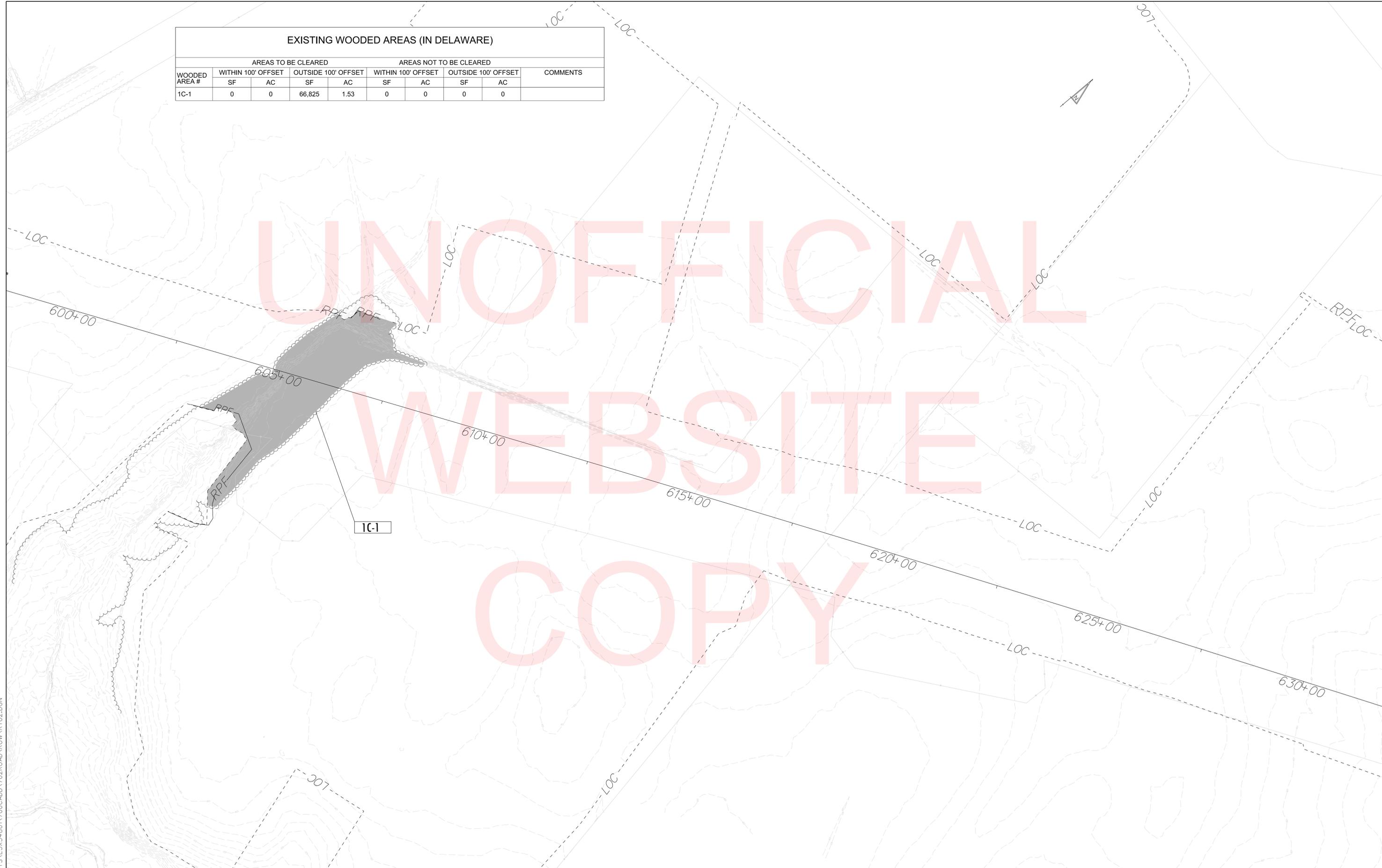


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DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	100 SCALE	US301 CLEARING, NORTH, BUNKER HILL ROAD TO SR1	CONTRACT	BRIDGE NO.	CLEARING PLAN	SHEET NO.	
				T2016113002			DESIGNED BY: KMC	7
				COUNTY			CHECKED BY: AKM	TOTAL SHTS.
				NEW CASTLE				20

EXISTING WOODED AREAS (IN DELAWARE)									
WOODED AREA #	AREAS TO BE CLEARED				AREAS NOT TO BE CLEARED				COMMENTS
	WITHIN 100' OFFSET		OUTSIDE 100' OFFSET		WITHIN 100' OFFSET		OUTSIDE 100' OFFSET		
	SF	AC	SF	AC	SF	AC	SF	AC	
1C-1	0	0	66,825	1.53	0	0	0	0	

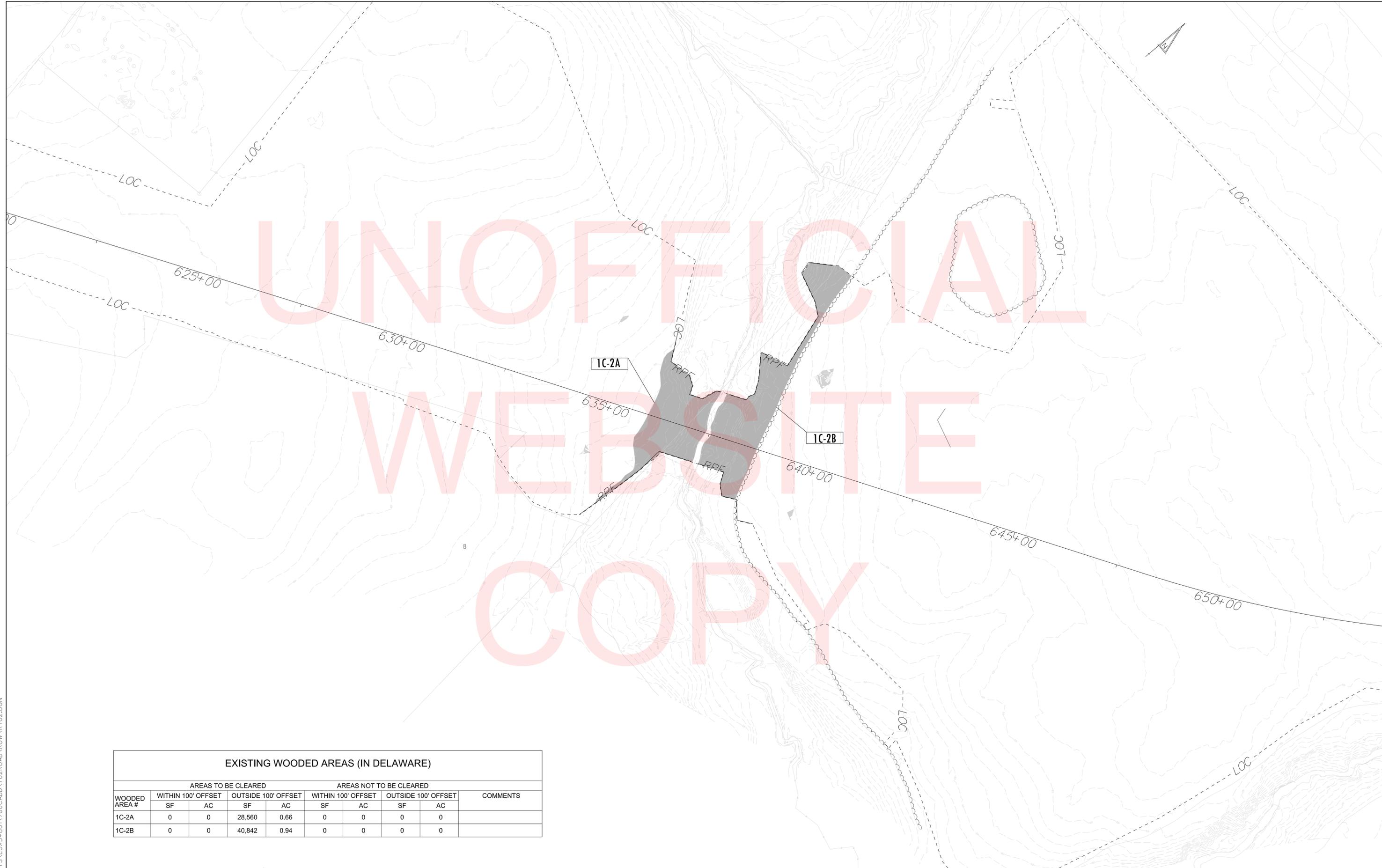
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DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	200 SCALE	US301 CLEARING, NORTH, BUNKER HILL ROAD TO SR1	CONTRACT T2016113002	BRIDGE NO.	CLEARING PLAN	SHEET NO. 8
					DESIGNED BY: KMC		TOTAL SHTS. 20
	NEW CASTLE			CHECKED BY: AKM			

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EXISTING WOODED AREAS (IN DELAWARE)									
WOODED AREA #	AREAS TO BE CLEARED				AREAS NOT TO BE CLEARED				COMMENTS
	WITHIN 100' OFFSET		OUTSIDE 100' OFFSET		WITHIN 100' OFFSET		OUTSIDE 100' OFFSET		
	SF	AC	SF	AC	SF	AC	SF	AC	
1C-2A	0	0	28,560	0.66	0	0	0	0	
1C-2B	0	0	40,842	0.94	0	0	0	0	



ADDENDUMS / REVISIONS	

100 SCALE

**US301 CLEARING, NORTH,
BUNKER HILL ROAD
TO SR1**

CONTRACT T2016113002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: KMC
	CHECKED BY: AKM

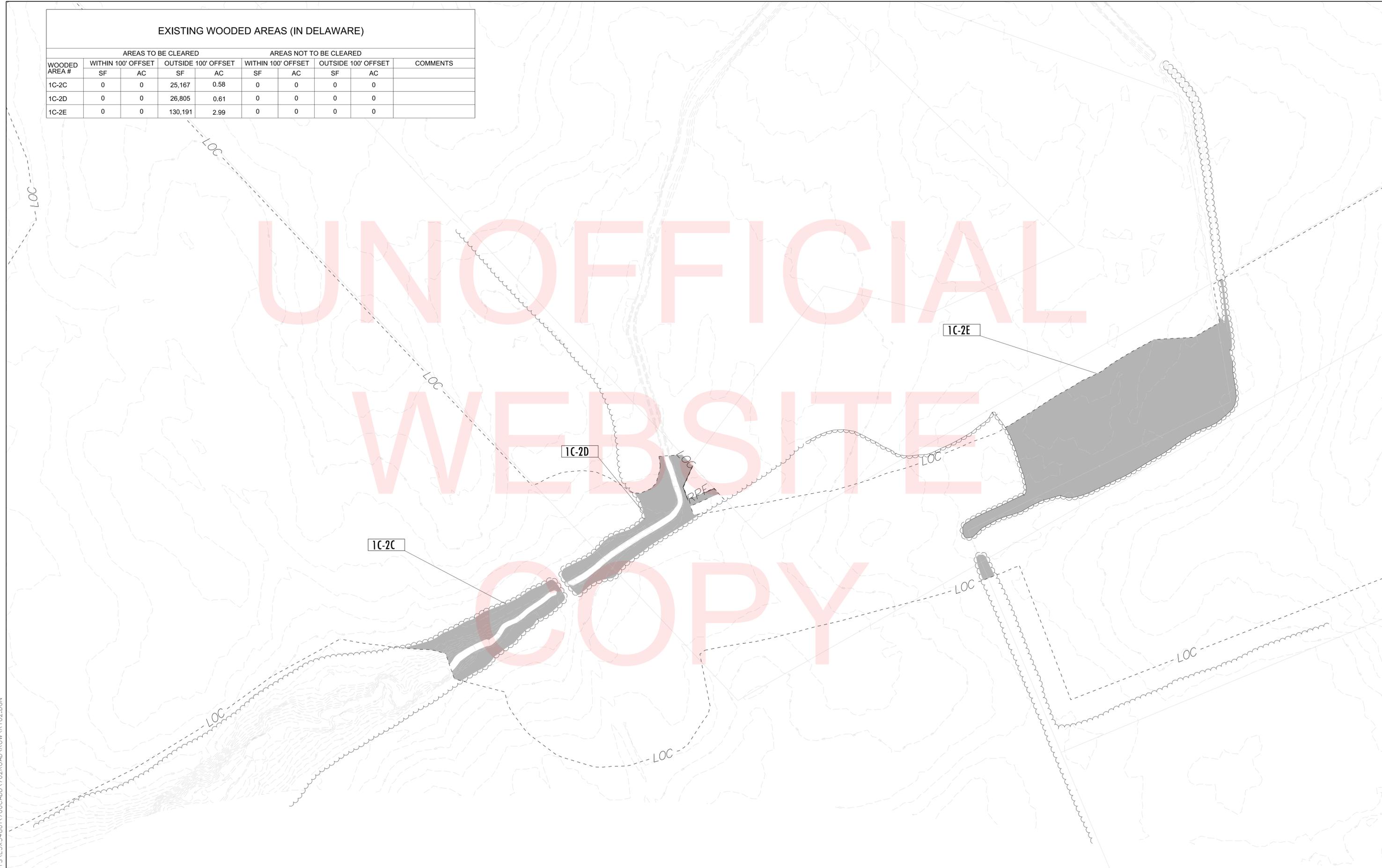
CLEARING PLANS

SHEET NO. 9
TOTAL SHTS. 20

EXISTING WOODED AREAS (IN DELAWARE)

WOODED AREA #	AREAS TO BE CLEARED				AREAS NOT TO BE CLEARED				COMMENTS
	WITHIN 100' OFFSET		OUTSIDE 100' OFFSET		WITHIN 100' OFFSET		OUTSIDE 100' OFFSET		
	SF	AC	SF	AC	SF	AC	SF	AC	
1C-2C	0	0	25,167	0.58	0	0	0	0	
1C-2D	0	0	26,805	0.61	0	0	0	0	
1C-2E	0	0	130,191	2.99	0	0	0	0	

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ADDENDUMS / REVISIONS

100 SCALE

**US301 CLEARING, NORTH,
BUNKER HILL ROAD
TO SR1**

CONTRACT	BRIDGE NO.
T2016113002	
COUNTY	DESIGNED BY: KMC
NEW CASTLE	CHECKED BY: AKM

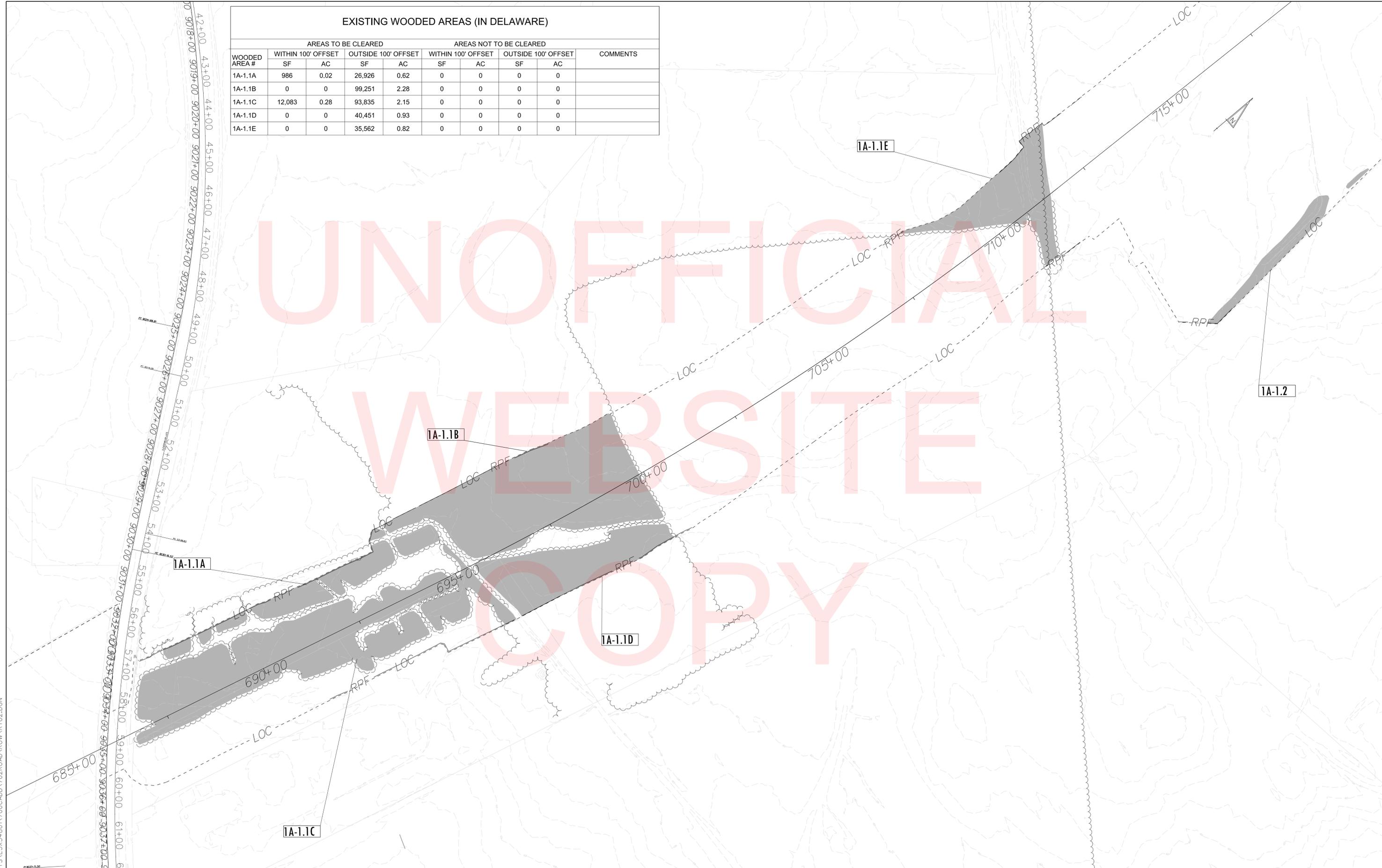
CLEARING PLAN

SHEET NO.
10
TOTAL SHTS.
20

EXISTING WOODED AREAS (IN DELAWARE)

WOODED AREA #	AREAS TO BE CLEARED				AREAS NOT TO BE CLEARED				COMMENTS
	WITHIN 100' OFFSET		OUTSIDE 100' OFFSET		WITHIN 100' OFFSET		OUTSIDE 100' OFFSET		
	SF	AC	SF	AC	SF	AC	SF	AC	
1A-1.1A	986	0.02	26,926	0.62	0	0	0	0	
1A-1.1B	0	0	99,251	2.28	0	0	0	0	
1A-1.1C	12,083	0.28	93,835	2.15	0	0	0	0	
1A-1.1D	0	0	40,451	0.93	0	0	0	0	
1A-1.1E	0	0	35,562	0.82	0	0	0	0	

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EXISTING WOODED AREAS (IN DELAWARE)

WOODED AREA #	AREAS TO BE CLEARED		AREAS NOT TO BE CLEARED				COMMENTS	
	WITHIN 100' OFFSET	OUTSIDE 100' OFFSET	WITHIN 100' OFFSET	OUTSIDE 100' OFFSET	COMMENTS			
SF	AC	SF	AC	SF	AC			
1A-1.4	0	0	25,048	0.58	0	0	0	

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ADDENDUMS / REVISIONS

100 SCALE

**US301 CLEARING, NORTH,
BUNKER HILL ROAD
TO SR1**

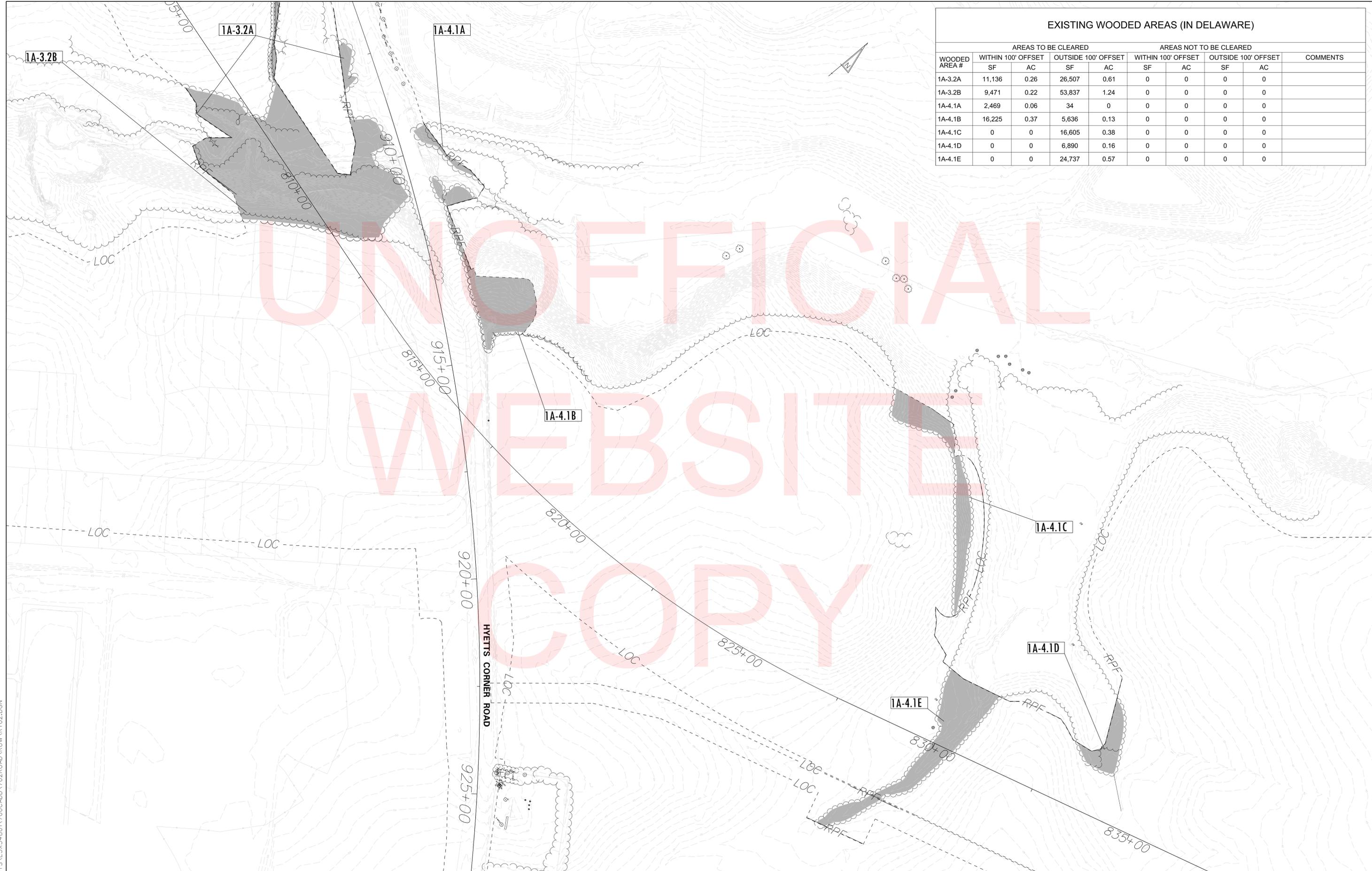
CONTRACT T2016113002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: KMC
	CHECKED BY: AKM

CLEARING PLANS

SHEET NO. 12
TOTAL SHTS. 20

EXISTING WOODED AREAS (IN DELAWARE)

WOODED AREA #	AREAS TO BE CLEARED				AREAS NOT TO BE CLEARED				COMMENTS
	WITHIN 100' OFFSET		OUTSIDE 100' OFFSET		WITHIN 100' OFFSET		OUTSIDE 100' OFFSET		
	SF	AC	SF	AC	SF	AC	SF	AC	
1A-3.2A	11,136	0.26	26,507	0.61	0	0	0	0	
1A-3.2B	9,471	0.22	53,837	1.24	0	0	0	0	
1A-4.1A	2,469	0.06	34	0	0	0	0	0	
1A-4.1B	16,225	0.37	5,636	0.13	0	0	0	0	
1A-4.1C	0	0	16,605	0.38	0	0	0	0	
1A-4.1D	0	0	6,890	0.16	0	0	0	0	
1A-4.1E	0	0	24,737	0.57	0	0	0	0	



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ADDENDUMS / REVISIONS

100 SCALE

US301 CLEARING, NORTH, BUNKER HILL ROAD TO SR1

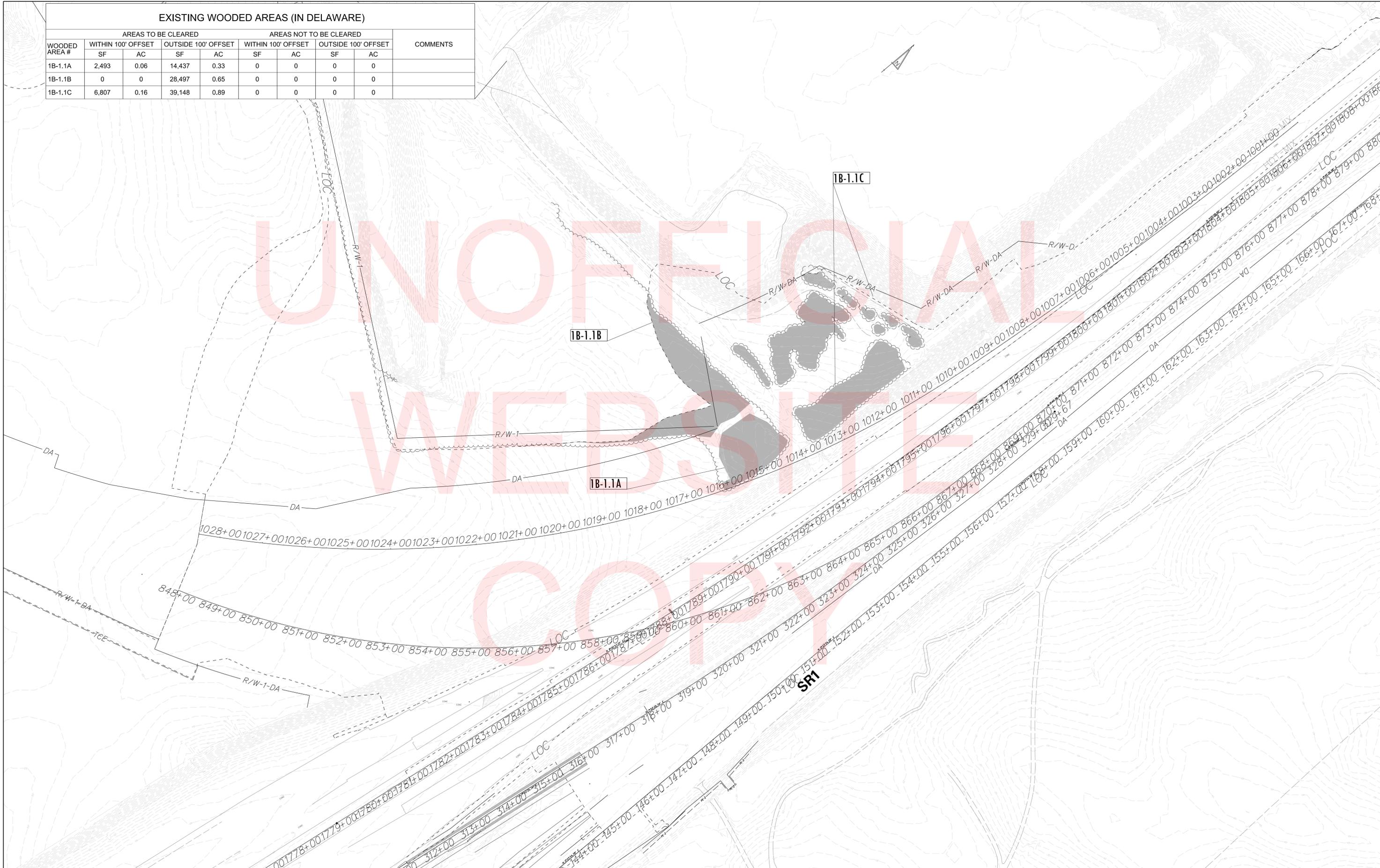
CONTRACT T2016113002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: KMC
	CHECKED BY: AKM

CLEARING PLAN

SHEET NO. 13
TOTAL SHTS. 20

EXISTING WOODED AREAS (IN DELAWARE)

WOODED AREA #	AREAS TO BE CLEARED				AREAS NOT TO BE CLEARED				COMMENTS
	WITHIN 100' OFFSET		OUTSIDE 100' OFFSET		WITHIN 100' OFFSET		OUTSIDE 100' OFFSET		
	SF	AC	SF	AC	SF	AC	SF	AC	
1B-1.1A	2,493	0.06	14,437	0.33	0	0	0	0	
1B-1.1B	0	0	28,497	0.65	0	0	0	0	
1B-1.1C	6,807	0.16	39,148	0.89	0	0	0	0	



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ADDENDUMS / REVISIONS

100 SCALE

**US301 CLEARING, NORTH,
BUNKER HILL ROAD
TO SR1**

CONTRACT T2016113002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: KMC
	CHECKED BY: AKM

CLEARING PLANS

SHEET NO. 14
TOTAL SHTS. 20

TEMPORARY TRAFFIC CONTROL NOTES

1. THE DEPARTMENT RESERVES THE RIGHT TO STOP THE CONTRACTOR'S OPERATIONS, IF, IN THE OPINION OF THE DEPARTMENT'S REPRESENTATIVE, THE CONTRACTOR'S OPERATIONS ARE NOT IN COMPLIANCE WITH THE DELAWARE MUTCD, THE SPECIFICATIONS OR THE PLANS OR IF THE CONTRACTOR'S OPERATIONS ARE DEEMED UNSAFE.
2. ANY DEFICIENCIES RELATED TO TEMPORARY TRAFFIC CONTROL THAT ARE REPORTED TO THE CONTRACTOR IN WRITING SHALL BE CORRECTED WITHIN 24 HOURS OR AS DIRECTED BY THE DISTRICT SAFETY OFFICER. CORRECTIVE ACTIONS ON SEVERE DEFICIENCIES SHALL BE TAKEN IMMEDIATELY. FAILURE TO COMPLY WILL RESULT IN THE SUSPENSION OF WORK UNTIL DEVICES ARE BROUGHT BACK INTO COMPLIANCE.
3. THE CONTRACTOR SHALL PROVIDE ALL PROPERTY OWNERS AND RESIDENTS WHO LIVE ADJACENT TO THE WORK ZONE WITH WRITTEN NOTICE, 48 HOURS IN ADVANCE OF THE START OF CONSTRUCTION WORK. THIS NOTIFICATION SHALL INCLUDE THE SCOPE OF WORK, WORKING HOURS, ANTICIPATED START AND COMPLETION DATES; A SUMMARY OF CONSTRUCTION ACTIVITIES WHICH MAY INTERFERE WITH ACCESS TO THE PROPERTY INCLUDING A SCHEDULE AND ACCESS COORDINATION PLAN, CONTRACTOR'S NAME AND ADDRESS AND A DELDOT CONTACT PHONE NUMBER. FAILURE TO GIVE PROPER NOTICE WILL RESULT IN A SUSPENSION OF THE WORK REQUIRING NOTICE, UNTIL PROPER NOTICE IS PROVIDED. THE CONTRACTOR SHALL PROVIDE WRITTEN VERIFICATION TO THE ENGINEER THAT THE PROPERTY OWNERS AND RESIDENTS WERE NOTIFIED.

CONSTRUCTION PHASING

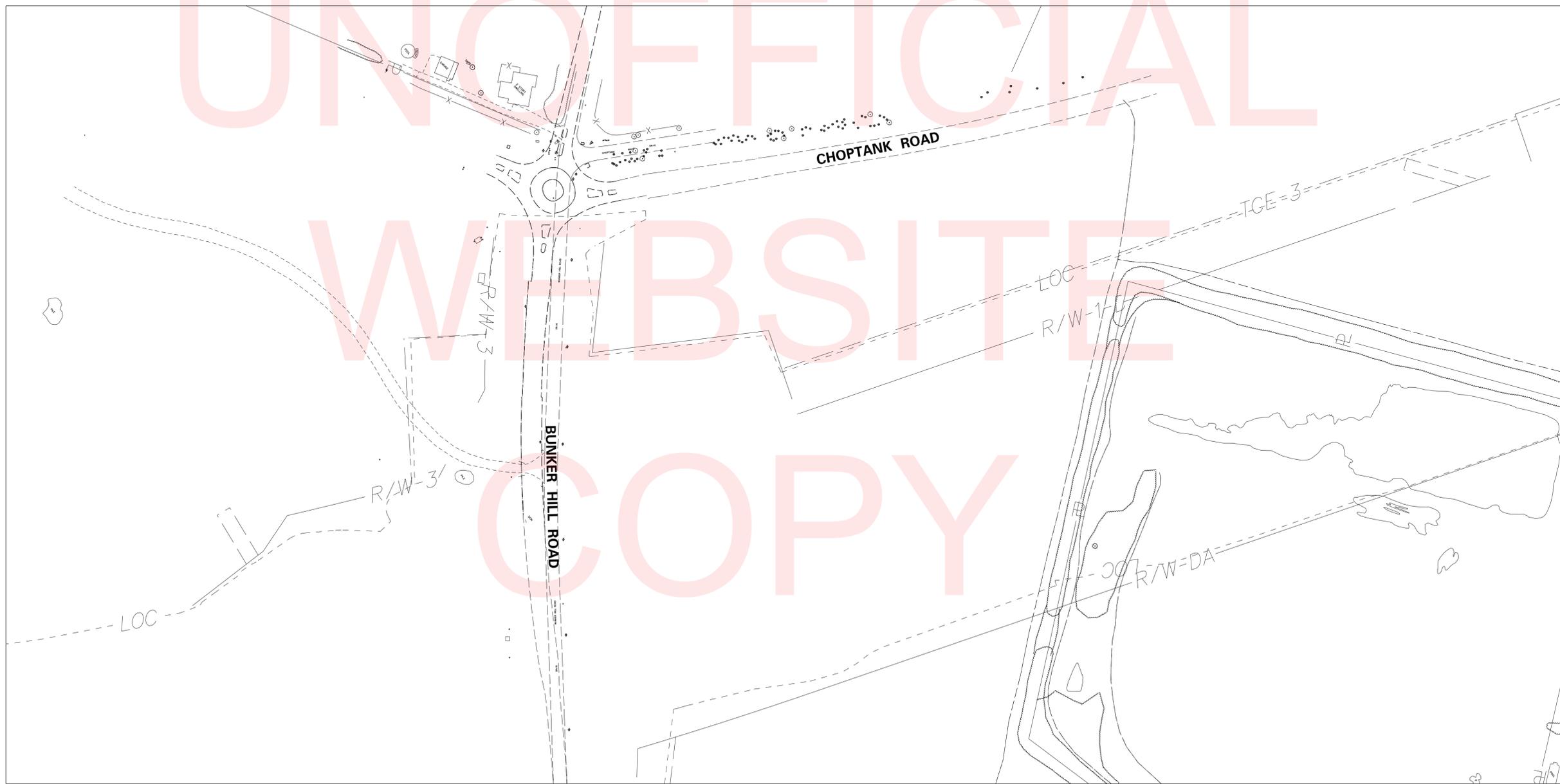
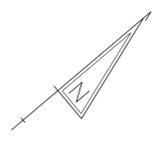
1. THE CONTRACTOR SHALL ACCESS SITES ON A PER SITE BASES AS DESCRIBED BELOW UNLESS AN ALTERNATIVE LOCATION IS APPROVED BY THE ENGINEER:
 - A) THE CONTRACTOR SHALL ACCESS LOCATIONS 1A-3.2 (ALL), 1A-4.1 (ALL) AND 1B-A (ALL) FROM HYETTS CORNER ROAD.
 - B) THE CONTRACTOR SHALL ACCESS LOCATIONS 1C-2C, 1C-2D, 1C-2E, 1A-1.1A, AND 1A-1.1C FROM BOYDS CORNER ROAD.
 - C) THE CONTRACTOR SHALL ACCESS LOCATIONS 1C-1, 1C-2A, 1C-2B, 2A-5.1A AND 2A-5.1B FROM SUMMIT BRIDGE ROAD.
 - D) THE CONTRACTOR SHALL ACCESS LOCATIONS 2A-2.2 AND 2A-2.4 FROM BUNKER HILL ROAD.
 - E) THE CONTRACTOR SHALL ACCESS LOCATION 1A-1B, 1A-1D, 1A-1E, 1A-1.2 AND 1A-1.4 FROM JAMISON CORNER ROAD.

2. THE CONTRACTOR SHALL APPLY THE FOLLOWING TYPICAL APPLICATIONS PER THE DELAWARE:
 - A) THE CONTRACTOR SHALL USE TA-3 AT ALL LOCATIONS EXCEPT FOR LOCATIONS ALONG HYETTS CORNER ROAD.
 - B) THE CONTRACTOR SHALL USE TA-10 AND/OR TA-13 FOR LOCATIONS 1A-3.2A, 1A-3.2B, 1A-4.1A AND 1A-4.1B ALONG HYETTS CORNER ROAD

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 DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS		US301 CLEARING, NORTH, BUNKER HILL ROAD TO SR1	CONTRACT	BRIDGE NO.	CONSTRUCTION PHASING	SHEET NO.
				T2016113002	DESIGNED BY: KMC		15
				COUNTY	CHECKED BY: AKM		TOTAL SHTS.
				NEW CASTLE			20



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DELAWARE
DEPARTMENT OF TRANSPORTATION

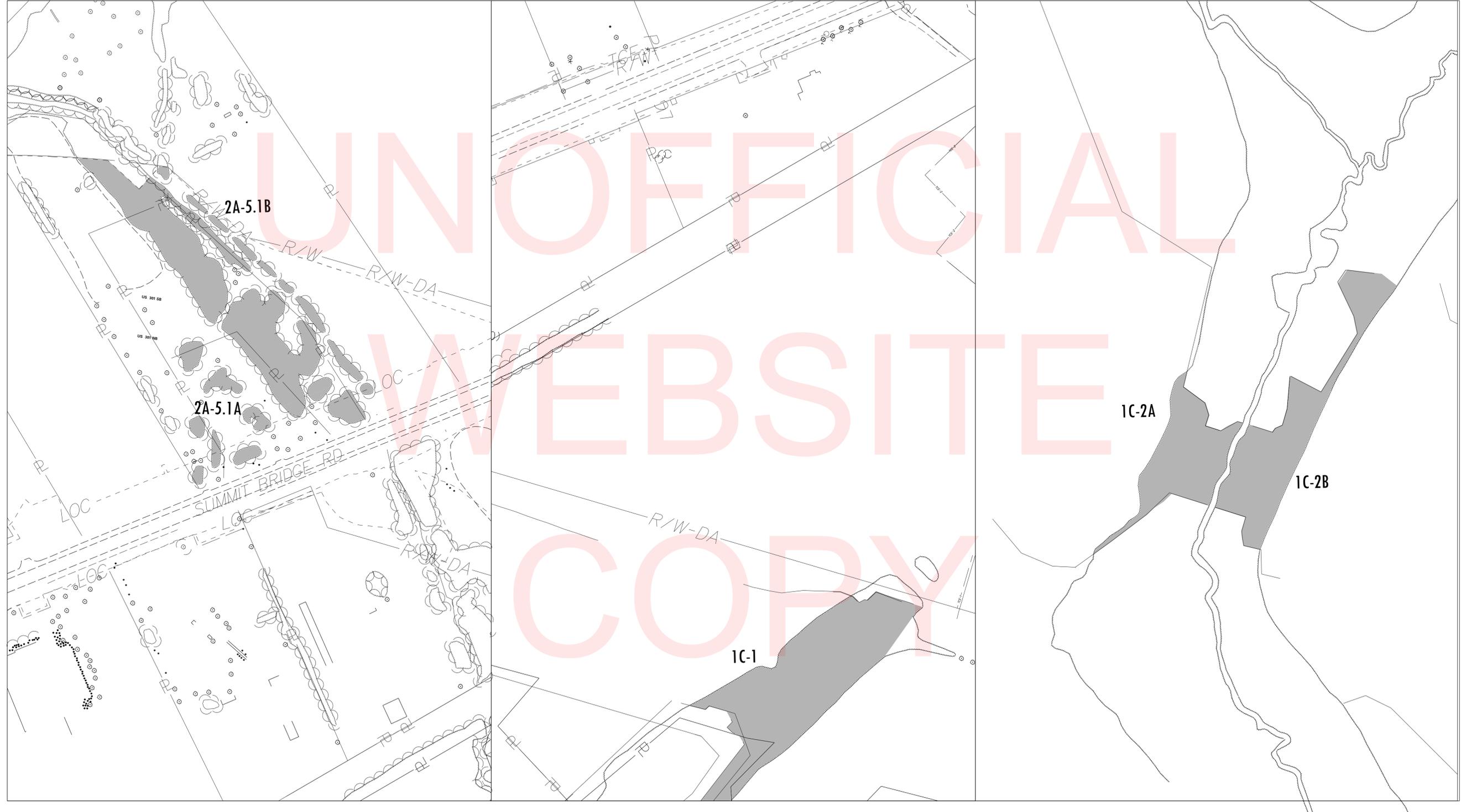
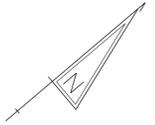
ADDENDUMS / REVISIONS	

**US301 CLEARING, NORTH,
 BUNKER HILL ROAD
 TO SR1**

CONTRACT T2016113002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: KMC
	CHECKED BY: AKM

**CONSTRUCTION
 PHASING**

SHEET NO.	16
TOTAL SHTS.	20



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ADDENDUMS / REVISIONS	

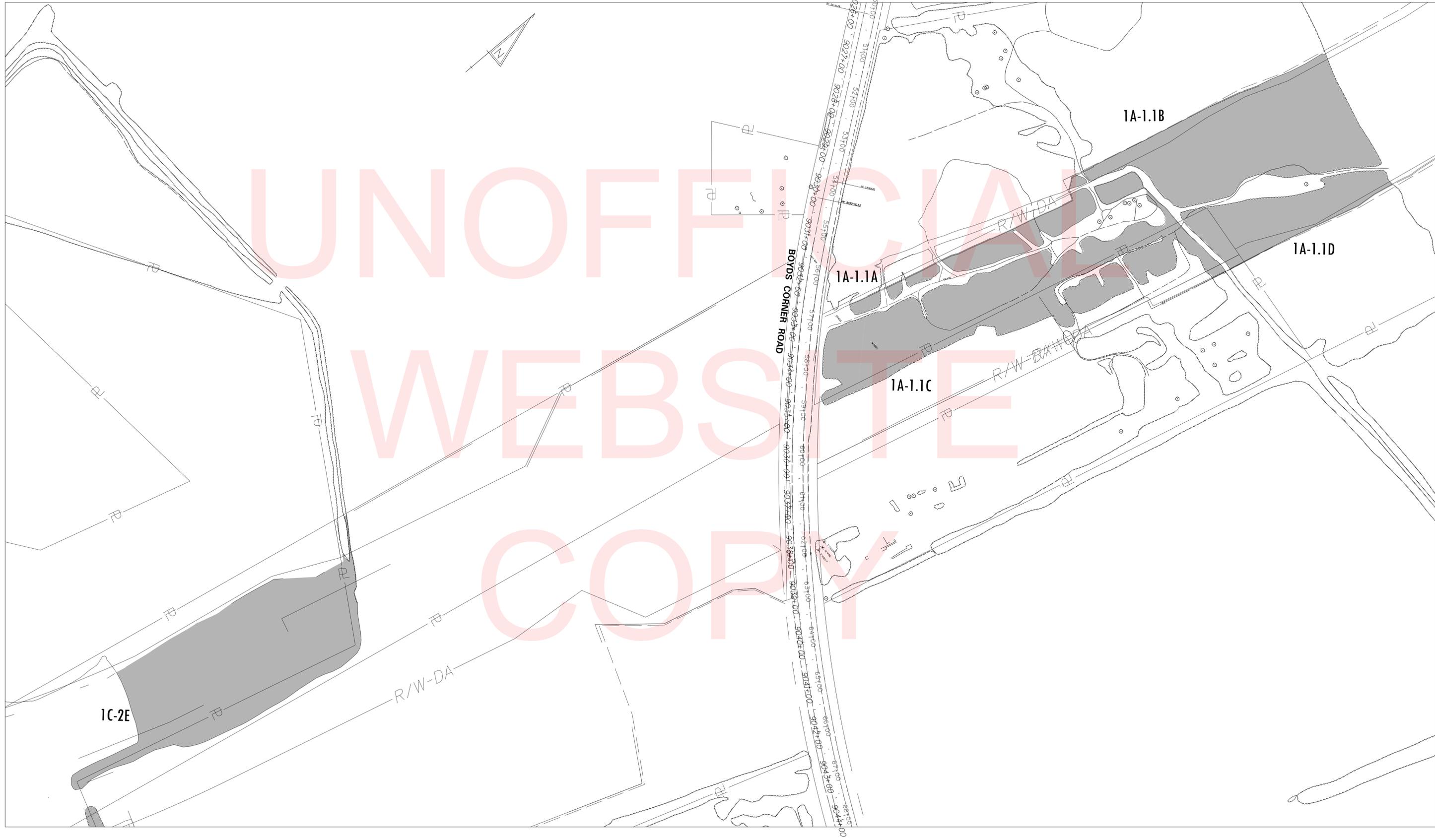
NOT TO SCALE

**US301 CLEARING, NORTH,
BUNKER HILL ROAD
TO SR1**

CONTRACT T2016113002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: KMC
	CHECKED BY: AKM

**CONSTRUCTION
PHASING**

SHEET NO. 17
TOTAL SHTS. 20



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ADDENDUMS / REVISIONS	

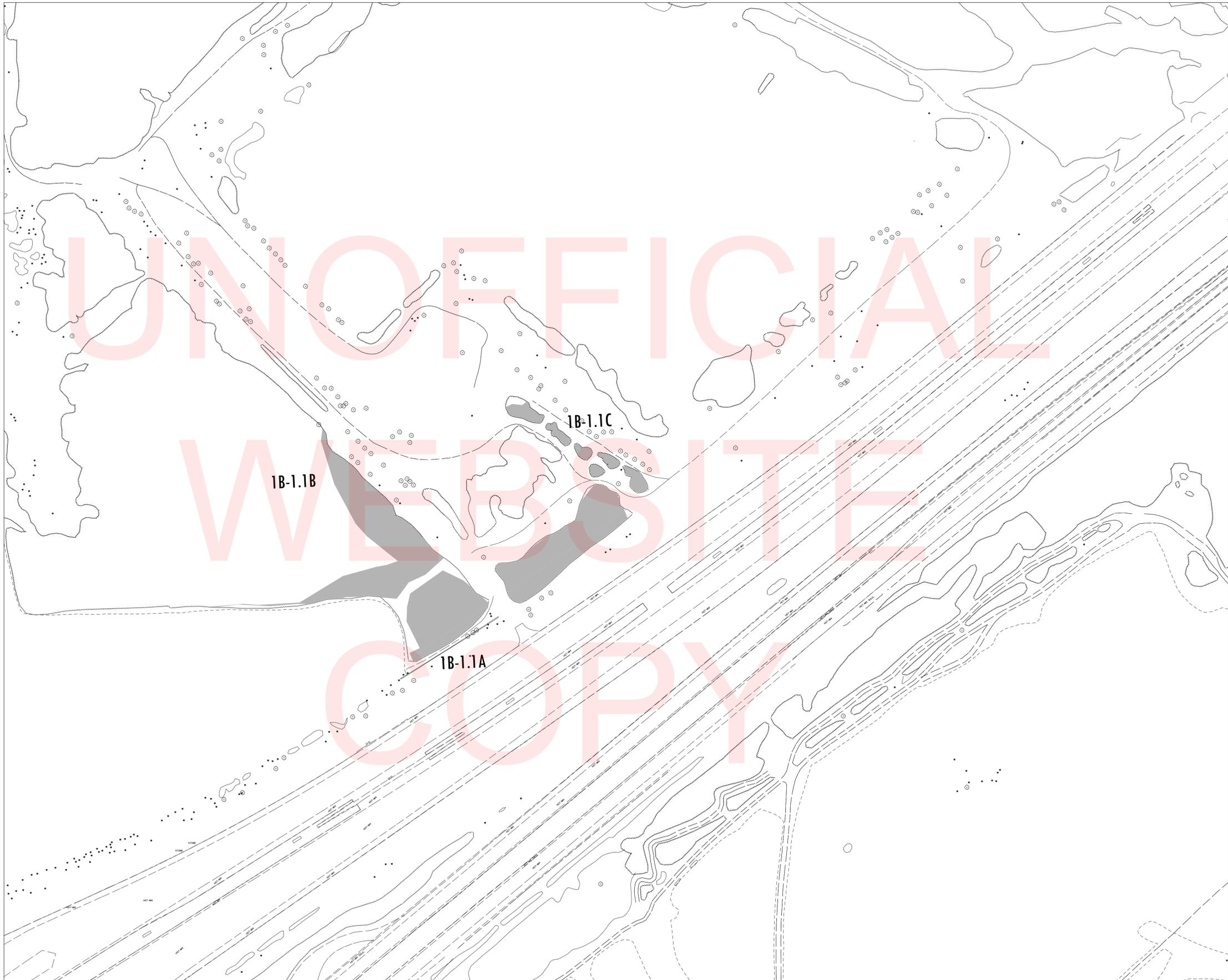
CONTRACT T2016113002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: KMC
	CHECKED BY: AKM



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NO.	DATE	DESCRIPTION

CONTRACT T2016113002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: KMC
	CHECKED BY: AKM



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ADDENDUMS / REVISIONS	

**US301 CLEARING, NORTH,
BUNKER HILL ROAD
TO SR1**

CONTRACT T2016113002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: KMC
	CHECKED BY: AKM

**CONSTRUCTION
PHASING**

SHEET NO. 20
TOTAL SHTS. 20