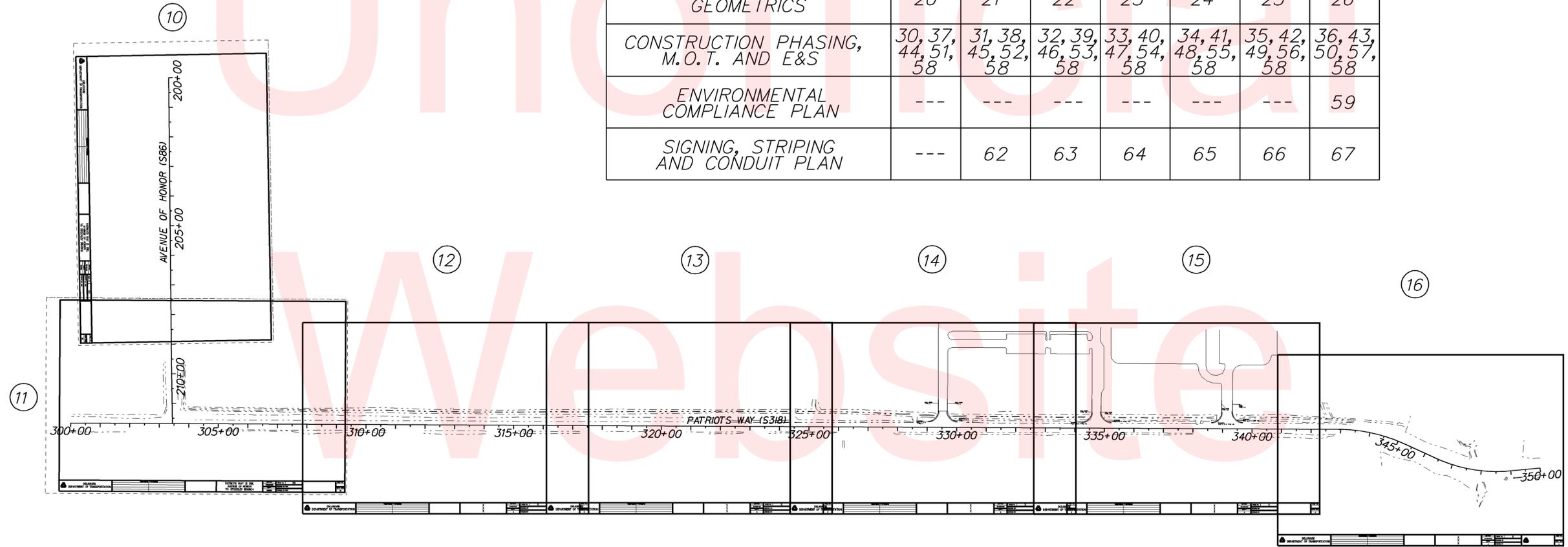


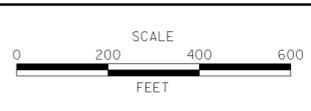


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ADDENDUMS / REVISIONS	



PATRIOTS WAY (S 318), AVENUE OF HONOR TO STOCKLEY BRANCH

CONTRACT T200511201	BRIDGE NO. NA
COUNTY SUSSEX	DESIGNED BY: ANM
	CHECKED BY: RMH

PLAN SHEET INDEX

SHEET NO. 2
TOTAL SHTS. 68

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 CLEANOUT OR VENT
	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	
	CHESAPEAKE UTILITY - GAS
	CHESAPEAKE UTILITY-GAS-ABANDONED
	DELAWARE ELECTRIC COOPERATIVE
	DELMARVA POWER & LIGHT
	TOWN OF GEORGETOWN SEWER
	VERIZON - DIRECT BURIED

CONSTRUCTION	
	CONCRETE SAFETY BARRIER - PERMANENT
	BIOFILTRATION SWALE
	BRICK PATTERNED SURFACE
	BUTT JOINT
	CLEAR ZONE
	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
	CURB OPENING
	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

PROPOSED SYMBOLS

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
	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)	
	RECONSTRUCTED AND SCHOOL ENTRANCE PAVEMENT 2" BITUMINOUS CONCRETE, SUPERPAVE, TYPE C, (CARBONATE STONE) - ITEM 401800
	DRIVEWAY PAVEMENT 2" BITUMINOUS CONCRETE, SUPERPAVE, TYPE C, 115 GYRATIONS, PG 64-22, (CARBONATE STONE) - ITEM 401800
	OVERLAY PAVEMENT 2" BITUMINOUS CONCRETE, SUPERPAVE, TYPE C, 115 GYRATIONS, PG 64-22, (CARBONATE STONE) - ITEM 401800

LAST REVISED: 05/28/2015
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GENERAL NOTES

- 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.
- 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 PRIOR TO THE EXECUTION OF THE CONTRACT. 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 PRIOR TO THE EXECUTION OF THE CONTRACT. 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
() MINOR	CONTRACTOR CERTIFICATION COURSE TRAINING ONLY, AS DEFINED IN SECTION 13 OF THE DELAWARE SEDIMENT AND STORMWATER REGULATIONS.
(x) MEDIUM	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 PRIOR TO THE EXECUTION OF THE CONTRACT. THE SUPERINTENDENT MUST BECOME A CCR WITHIN ONE YEAR AFTER THE AWARD OF CONTRACT.

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

()	NONE
(X)	ASCII DATA FILES WITH COORDINATES AND ELEVATIONS FOR PROPOSED POINTS AS SELECTED BY THE ENGINEER.
(X)	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.

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

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

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

()	THE CONTRACTOR SHALL NOT BE REQUIRED TO HAVE AN ATSSA SUPERVISOR ASSIGNED TO THIS PROJECT.
(X)	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.

- THE DISTURBED AREA FOR THIS PROJECT IS 11.40 ACRES.
- 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.
- 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

SECTION 100

- ANY DAMAGE TO ITEMS NOTED TO 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.

SECTION 200

- 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.
- THE ENGINEER MAY REQUIRE THE CONTRACTOR TO EXCAVATE TEST PITS ALONG PROPOSED DRAINAGE RUNS, AT POINTS OF POSSIBLE UTILITY CONFLICTS, TO DETERMINE IF A CONFLICT EXISTS. ANY CONFLICTS SHALL BE COORDINATED BY THE CONTRACTOR, WITH THE ENGINEER AND THE UTILITY COMPANY INVOLVED. THE ENGINEER SHALL ULTIMATELY DETERMINE THE SOLUTION TO THE UTILITY CONFLICT. TEST HOLES SHALL BE MEASURED AND PAID FOR IN ACCORDANCE WITH ITEM 208000 - EXCAVATION AND BACKFILL FOR PIPE TRENCHES, BUT ONLY TO THE ACTUAL DEPTH EXCAVATED.
- THE FOLLOWING ITEMS ARE TO BE RELOCATED OR ADJUSTED UNDER THIS CONTRACT. ALL COSTS ASSOCIATED WITH THIS WORK SHALL BE INCIDENTAL TO ITEM 211000 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS:
 - SUSSEX CENTRAL HIGH SCHOOL ENTRANCE SIGN
 - SUSSEX CENTRAL HIGH SCHOOL ENTRANCE GATES
 - STOCKLEY CENTER ROADSIDE FENCE (PORTIONS IN EXISTING HOTMIX PAVEMENT SHALL BE REPLACED WITH AND PAID FOR UNDER ITEM 727510 - WOOD SPLIT RAIL FENCE)
 - BEFORE ANY WOOD SPLIT RAIL FENCE RELOCATION OCCURS, THE CONTRACTOR AND ENGINEER TOGETHER WILL INSPECT THE WOOD SPLIT RAIL FENCE FOR ITS EXISTING CONDITION. THE CONTRACTOR AND ENGINEER WILL AGREE TO WHAT PORTION OF THE WOOD SPLIT RAIL FENCE IS TO BE REPLACED BEFORE RELOCATION WORK BEGINS. ANY PORTION OF THE WOOD SPLIT RAIL FENCE IN NEED OF REPLACEMENT WILL BE PAID FOR UNDER ITEM 727510, WOOD SPLIT RAIL FENCE. ANY PORTION OF FENCE THAT IS DAMAGED IN THE PROCESS OF RELOCATION, BUT WAS NOT DESIGNATED FOR REPLACEMENT IN THE CONTRACTOR-ENGINEER AGREEMENT WILL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
 - WOOD SPLIT RAIL FENCE IS TO BE RELOCATED 1' BEYOND THE RIGHT OF WAY LINE. ALL CALCULATING AND STAKE OUT FOR WOOD SPLIT RAIL FENCE WILL BE PAID FOR UNDER ITEM 763501, CONSTRUCTION ENGINEERING.
 - STOCKLEY CENTER "NO TRESPASSING" SIGNS
 - BIRDHOUSES

SECTION 300

- A. THE CONTRACTOR MAY ELECT TO USE ANY OF THE FOLLOWING MATERIALS TO MEET THE REQUIREMENTS OF ITEM 302007
 - GRADED AGGREGATE BASE COURSE, TYPE 'B':
 - a. CRUSHED STONE (PER STANDARD SPECIFICATION 821)
 - b. CRUSHED CONCRETE (PER STANDARD SPECIFICATION 821)
 - c. HOT-MIX MILLINGS (PER SPECIAL PROVISION 302514 MILLED HOT-MIX BASE COURSE)

THE CONTRACTOR WILL NOT BE ALLOWED TO MIX DIFFERENT MATERIALS (OR SIMILAR MATERIALS FROM DIFFERENT SOURCES) TO MEET THE REQUIREMENTS OF ITEM 302007 - GRADED AGGREGATE BASE COURSE, TYPE 'B'.

ALL OF THE ABOVE LISTED MATERIALS ARE PERMITTED FOR USE ON THE JOB, PROVIDED THEY ARE SEPERATED INTO APPROVED AREAS. EACH AREA OF BASE COURSE MUST BE CONSTRUCTED USING MATERIALS FROM A SINGULAR SOURCE, FULL DEPTH, IN ORDER THAT PROPER TESTING MAY BE ACCOMPLISHED. THE CONTRACTOR AND DELDOT'S PROJECT ENGINEER SHALL AGREE ON THE LIMITS OF EACH SOURCE OF MATERIAL PRIOR TO PLACEMENT.

- B. THE QUANTITY USED FOR BASE OF EACH OF THE ABOVE LISTED MATERIALS WILL BE THE CONTRACTOR'S CHOICE, WITH THE TOTAL MEETING THE ADVERTISED QUANTITY OF ITEM 302007 - GRADED AGGREGATE BASE COURSE, TYPE 'B'.
- C. THE CONTRACTOR MAY ALSO ELECT TO RECYCLE MILLINGS FOR USE IN HOT-MIX AS PERMITTED BY THE STANDARD SPECIFICATIONS. THE CHOICE OF THE QUANTITY OF MILLINGS USED FOR THIS PURPOSE, OR FOR BASE COURSE, LIES WITH THE CONTRACTOR. ALL MILLING MATERIAL SHALL BECOME PROPERTY OF THE CONTRACTOR.
- D. HOT-MIX MILLINGS MAY BE GENERATED FROM THE FOLLOWING SOURCES:
 - a. MATERIAL MADE AVAILABLE WHEN MILLED ON THIS CONTRACT UNDER ITEM 760502.
 - b. MATERIAL MILLED ON THIS CONTRACT AT THE CONTRACTOR'S CHOICE UNDER ITEM 202000.
 - c. MILLED MATERIAL FURNISHED ON THE JOB FROM THE CONTRACTOR'S YARD OR OTHER OUTSIDE SOURCE.
 ALL MILLED MATERIALS SHALL MEET THE MATERIAL REQUIREMENTS OF ITEM 302514 - MILLED HOT-MIX BASE COURSE.
- E. PAYMENT CLARIFICATION:
 - a. SHOULD THE CONTRACTOR ELECT TO MILL PORTIONS OF HOT-MIX SHOWN ON THE PLANS TO BE REMOVED UNDER ITEM 202000 - EXCAVATION AND EMBANKMENT THE COST OF MILLING THIS HOT-MIX WILL BE PAID AS ITEM 202000 - EXCAVATION AND EMBANKMENT. THE MILLINGS GENERATED MAY BE RECYCLED INTO HOT-MIX, UTILIZED FOR BASE COURSE, OR DISPOSED OF TO AN APPROVED SITE. HAULING COSTS FOR DISPOSAL AND/OR RECYCLING ARE INCIDENTAL TO ITEM 202000 - EXCAVATION AND EMBANKMENT.
 - b. MILLINGS GENERATED UNDER ITEM 760502 - PAVEMENT MILLINGS, TAPER CUT MAY BE RECYCLED INTO HOT-MIX, UTILIZED FOR BASE COURSE OR DISPOSED OF BY THE CONTRACTOR TO AN APPROVED SITE. NO SEPARATE PAYMENT WILL BE MADE FOR TRANSPORTING MILLINGS ON SITE OR TO AN APPROVED DISPOSAL SITE.
 - c. SHOULD THE CONTRACTOR ELECT TO TEMPORARILY STOCKPILE MILLINGS ON THE JOB SITE FOR LATER USE, ALL COSTS FOR STOCKPILING AND SUBSEQUENT REHANDLING SHALL BE INCIDENTAL TO ITEM 202000 - EXCAVATION AND EMBANKMENT.
 - d. MILLINGS USED FOR BASE COURSE SHALL BE PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF SPECIAL PROVISION 302514 - MILLED HOT-MIX BASE COURSE. NO SEPARATE PAYMENT WILL BE MADE TO FURNISH MILLINGS FROM AN OUTSIDE SOURCE OR TRANSPORT MILLINGS WITHIN THE PROJECT LIMITS. MILLINGS USED FOR BASE COURSE WILL BE PAID IN PLACE AT THE UNIT BID PRICE FOR ITEM 302007 - GRADED AGGREGATE BASE COURSE, TYPE 'B'.
 - e. ALL COSTS TO UTILIZE MILLINGS IN RECYCLED HOT-MIX WILL BE INCIDENTAL TO THE UNIT PRICE BID FOR THE HOT-MIX ITEM USING THE RECYCLED MATERIAL.
 - f. SPECIAL PROVISION 302514 - MILLED HOT-MIX BASE COURSE IS PROVIDED TO SPECIFY THE MEANS OF LAY DOWN AND COMPACTION AS WELL AS THE MATERIAL REQUIREMENTS FOR MILLINGS USED AS BASE COURSE. ALL COSTS TO BRING THE MILLINGS INTO COMPLIANCE WITH THE REQUIREMENTS OF ITEM - 302514 MILLED HOT-MIX BASE COURSE ARE INCIDENTAL TO ITEM 302007 - GRADED AGGREGATE BASE COURSE, TYPE 'B'. NO PAYMENT WILL BE MADE FOR ITEM 302514 - MILLED HOT-MIX BASE COURSE. THE QUANTITY OF MILLINGS USED FOR BASE COURSE WILL BE PAID FOR UNDER ITEM 302007 - GRADED AGGREGATE BASE COURSE.

SECTION 300 CONTINUED

- ITEM 302012 - DELAWARE NO. 57 STONE, WRAPPED IN GEOTEXTILE, SHALL BE USED AS A 6-INCH BASE BENEATH NEW PIPES. PAYMENT FOR GEOTEXTILE SHALL BE INCIDENTAL TO ITEM 302012.

SECTION 400

- THE PAVEMENT SECTION FOR BITUMINOUS CONCRETE RESIDENTIAL DRIVEWAYS SHALL BE 2" BITUMINOUS CONCRETE, SUPERPAVE, TYPE C, 115 GYRATIONS, PG 64-22, (CARBONATE STONE), OVER 8" GRADED AGGREGATE BASE COURSE, TYPE 'B', UNLESS OTHERWISE NOTED ON THE PLANS.

SECTION 600

- THE DEPARTMENT AND THE CONTRACTOR SHALL INSPECT ALL EXISTING PIPES AND DRAINAGE STRUCTURES TO BE USED IN THE FINAL DRAINAGE SYSTEM AND AGREE ON THE CONDITION PRIOR TO THE START OF CONSTRUCTION. EXISTING PIPES AND DRAINAGE STRUCTURES DAMAGED DUE TO CONTRACTOR OPERATIONS SHALL BE REPAIRED OR REPLACED IN-KIND AT THE CONTRACTOR'S EXPENSE. THE DEPARTMENT WILL VIDEO INSPECT NEW PIPE RUNS TO CONFIRM CONDITION PRIOR TO ACCEPTANCE. PIPE CLEANING PRIOR TO VIDEO INSPECTION AND MAINTENANCE OF TRAFFIC DURING THE VIDEO INSPECTION ARE THE RESPONSIBILITY OF THE CONTRACTOR AND INCIDENTAL TO THE PIPE ITEM THAT IS BEING VIDEO INSPECTED.

SECTION 700

- IN AREAS WHERE PROPOSED CURB MEETS EXISTING CURB AND THE TWO CURB TYPES ARE NOT SIMILAR, THE PROPOSED CURB SHALL BE TRANSITIONED IN 10 LINEAR FEET, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. PAYMENT FOR THIS WORK, INCLUDING SAW CUTTING EXISTING CURB SHALL BE INCIDENTAL TO THE PROPOSED CURB ITEM.
- STATION AND ELEVATION DATA GIVEN FOR DRAINAGE STRUCTURES ARE TO BE APPLIED TO THE CENTER OF THE GRATE FOR INLETS, AND TO THE CENTER OF THE STRUCTURE FOR JUNCTION BOXES AND MANHOLES.
- ALL PAVED AREAS TO BE RECONSTRUCTED OR WIDENED SHALL BE SAWCUT AT THE POINT WHERE THE NEW PAVEMENT IS TO TIE INTO THE EXISTING PAVEMENT.
- ALL WORK REQUIRED FOR CALCULATING AND STAKING OUT OF GRADES SHALL BE PAID FOR UNDER ITEM 763501 - CONSTRUCTION ENGINEERING.

SECTION 900

- THIS PROJECT IS COVERED UNDER AN NPDES GENERAL PERMIT FOR CONSTRUCTION. UNDER THE GENERAL PERMIT, COMPLIANCE WITH DELDOT'S APPROVED SEDIMENT AND STORMWATER MANAGEMENT PLANS WILL CONSTITUTE COMPLIANCE WITH THE NPDES INDUSTRIAL PERMITTING REQUIREMENTS FOR THIS CONSTRUCTION PROJECT. A COPY OF THE NPDES GENERAL PERMIT AND NOI IS KEPT ON FILE IN EACH OF THE CONSTRUCTION OFFICES AND THE DEPARTMENT'S STORMWATER SECTION. A COPY OF THE GENERAL PERMIT OR THE NOI CAN BE OBTAINED UPON REQUEST FROM EITHER THE DEPARTMENT'S STORMWATER ENGINEER OR THE APPROPRIATE CONSTRUCTION ENGINEER.

MISCELLANEOUS

- 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.
- REFER TO THE CONSTRUCTION PLAN SHEETS FOR THE LOCATION OF THE CLEAR ZONE AREA LIMITS.
- COST FOR ANY PUMPING REQUIRED TO COMPLETE THIS PROJECT SHALL BE INCIDENTAL TO 202000.
- THE CONTRACTOR SHALL REMOVE ALL ITEMS WITHIN THE LOC AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER, COST TO BE INCIDENTAL TO ITEM 201000 - CLEARING AND GRUBBING.

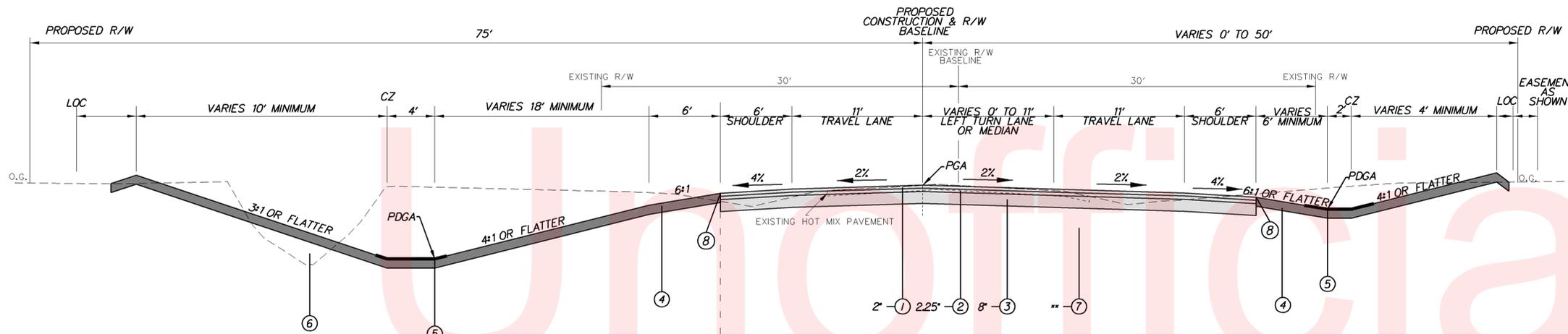
EARTHWORK SUMMARY

EXCAVATION	
EXCAVATION FROM CROSS SECTIONS	16,798 C. Y.
ROCK EXCAVATION FOR ROADWAY AND TRENCHES	0 C. Y.
TOPSOIL STRIPPING	4,872 C. Y.
TOTAL EXCAVATION	21,760 C. Y.
EXCAVATION AVAILABLE FOR EMBANKMENT	
EXCAVATION MEETING BORROW TYPE 'A'	0 C. Y.
EXCAVATION MEETING BORROW TYPE 'F'	8,399 C. Y.
EXCAVATION MEETING TOPSOIL	4,872 C. Y.
EMBANKMENT REQUIREMENTS	
BORROW TYPE 'A' REQUIRED (INCLUDING UNDERCUT)	1,072 C. Y.
BORROW TYPE 'F' REQUIRED	3,011 C. Y.
TOPSOIL REQUIRED	6,399 C. Y.
MATERIAL BALANCE ("+" = EXCESS, "-" = NEED)	
BORROW TYPE 'A'	-1,072 C. Y.
BORROW TYPE 'F'	+5,388 C. Y.
TOPSOIL	-1,527 C. Y.
UNSUITABLE MATERIAL	8,399 C. Y.

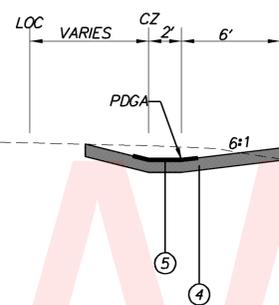
- NOTES:
- THE VALUES LISTED IN THE EARTHWORK SUMMARY ARE APPROXIMATE AND ARE NOT TO BE USED AS A BASIS OF PAYMENT. THE EARTHWORK SUMMARY IS CONSIDERED FOR INFORMATIONAL PURPOSES ONLY.
 - OTHER SOURCES OF EXCAVATION MAY INCLUDE PIPE TRENCH EXCAVATION, STRUCTURE EXCAVATION, UNDERCUT EXCAVATION, STORMWATER MANAGEMENT POND EXCAVATION, ENVIRONMENTAL SITE EXCAVATION, MAINTENANCE OF TRAFFIC EXCAVATION, ETC.
 - UNSUITABLE MATERIALS INCLUDE UNDERCUT SOILS, BITUMINOUS PAVEMENT, ETC.

LEGEND

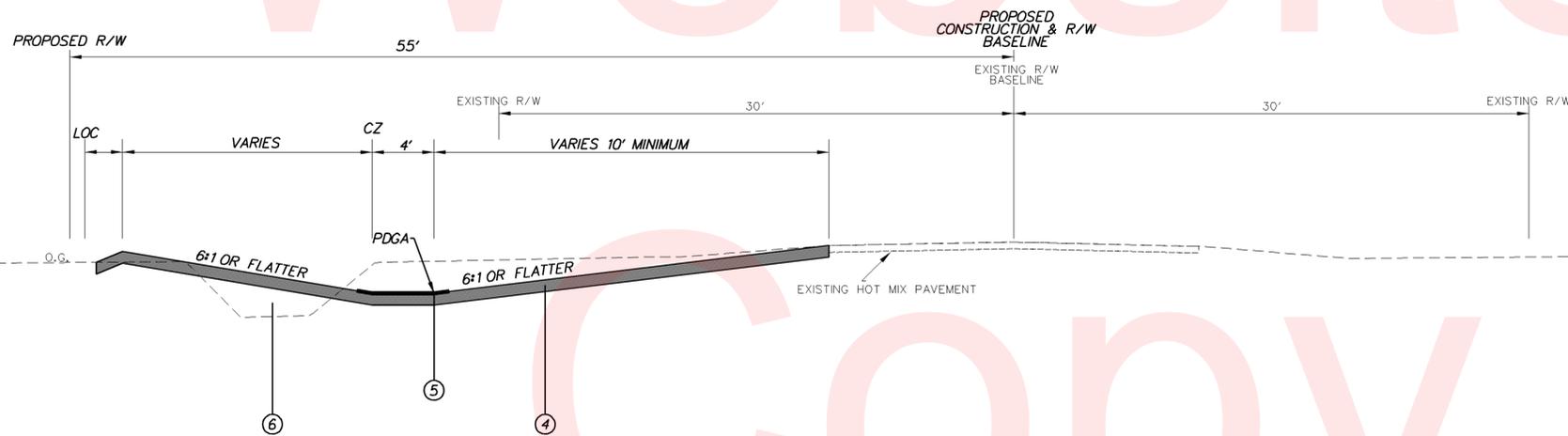
- ① ITEM 401800 - BITUMINOUS CONCRETE, SUPERPAVE, TYPE C, 115 GYRATIONS, PG 64-22 (CARBONATE STONE)
- ② ITEM 401809 - BITUMINOUS CONCRETE, SUPERPAVE, TYPE B, 115 GYRATIONS, PG 64-22
- ③ ITEM 302007 - GRADED AGGREGATE BASE COURSE, TYPE B
- ④ ITEM 908004 - TOPSOIL, 6" DEPTH / 908010 TOPSOILING, 6" DEPTH
ITEM 908014 - PERMANENT GRASS SEEDING, DRY GROUND
- ⑤ ITEM 908020 - EROSION CONTROL BLANKET MULCH
- ⑥ ITEM 209006 - BORROW, TYPE F
- ⑦ ITEM 209001 - BORROW, TYPE A
- ⑧ ITEM 401752 - SAFETY EDGE



TYPICAL SECTION - PATRIOTS WAY
 STA 300+50 TO 303+89
 STA 306+89 TO 329+18



TYPICAL SECTION - PATRIOTS WAY
 STA 300+50 TO 303+89



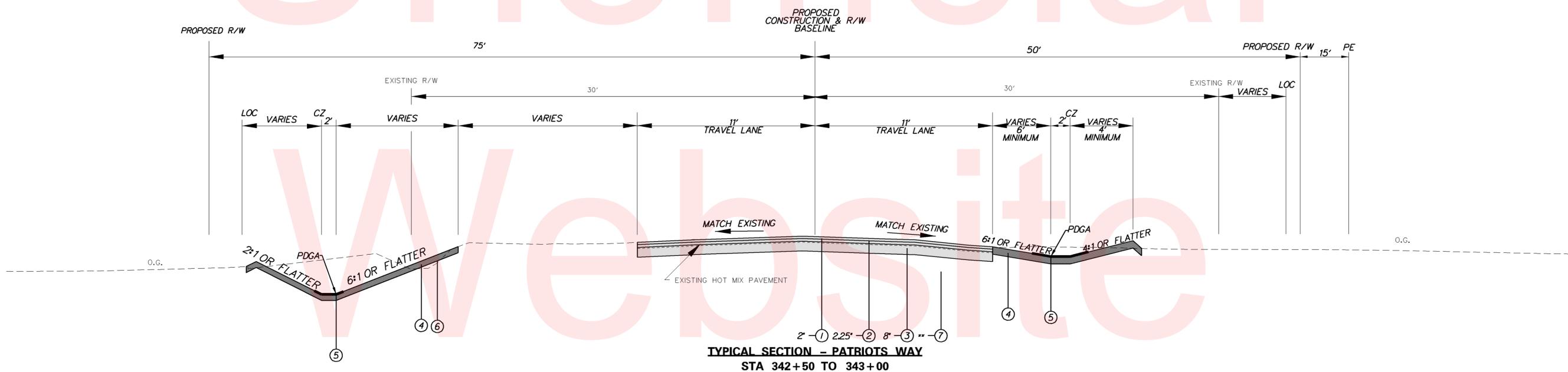
TYPICAL SECTION - AVENUE OF HONOR
 STA 200+00 TO 211+68

**NOTE: ITEM 209001 - BORROW, TYPE A TO BE USED UNDER PROPOSED PAVEMENT AS DIRECTED BY THE ENGINEER.

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LEGEND

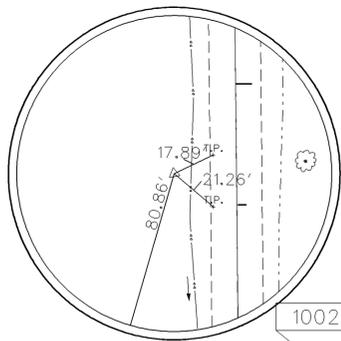
- ① ITEM 401800 - BITUMINOUS CONCRETE, SUPERPAVE, TYPE C, 115 GYRATIONS, PG 64-22 (CARBONATE STONE)
- ② ITEM 401809 - BITUMINOUS CONCRETE, SUPERPAVE, TYPE B, 115 GYRATIONS, PG 64-22
- ③ ITEM 302007 - GRADED AGGREGATE BASE COURSE, TYPE B
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- ⑥ ITEM 209006 - BORROW, TYPE F
- ⑦ ITEM 209001 - BORROW, TYPE A
- ⑧ ITEM 401752 - SAFETY EDGE



**NOTE: ITEM 209001 - BORROW, TYPE A TO BE USED UNDER PROPOSED PAVEMENT AS DIRECTED BY THE ENGINEER.

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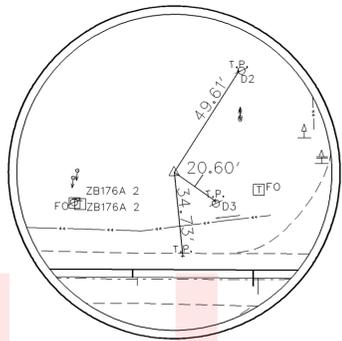
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	NOT TO SCALE	PATRIOTS WAY (S 318), AVENUE OF HONOR TO STOCKLEY BRANCH	CONTRACT	BRIDGE NO.	NA	TYPICAL SECTIONS	SHEET NO.	
					25-112-01	DESIGNED BY: ANM		7	
					SUSSEX	CHECKED BY: RMH		TOTAL SHTS.	
								68	



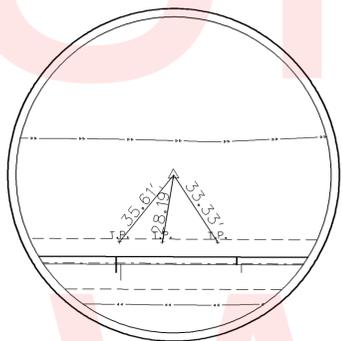
TRAVERSE POINT #28
DELDOT CAP

10022

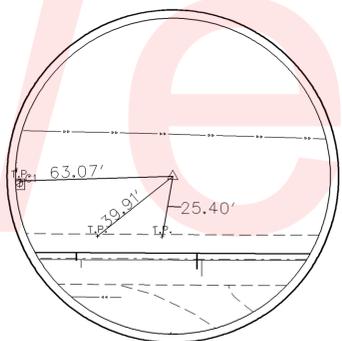
10122



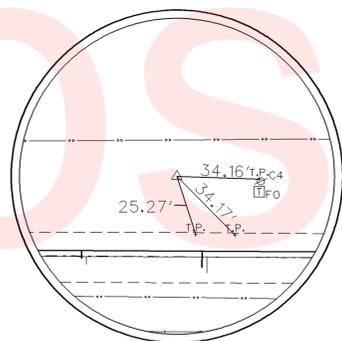
TRAVERSE POINT #27
DELDOT CAP



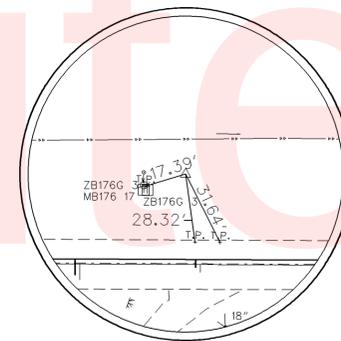
TRAVERSE POINT #26
DELDOT CAP



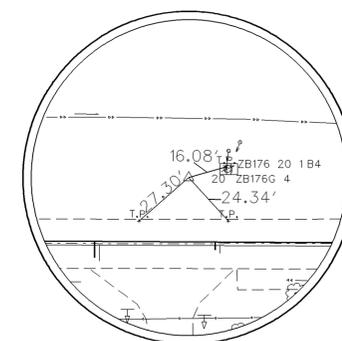
TRAVERSE POINT #25
DELDOT CAP



TRAVERSE POINT #24
DELDOT CAP



TRAVERSE POINT #23
DELDOT CAP

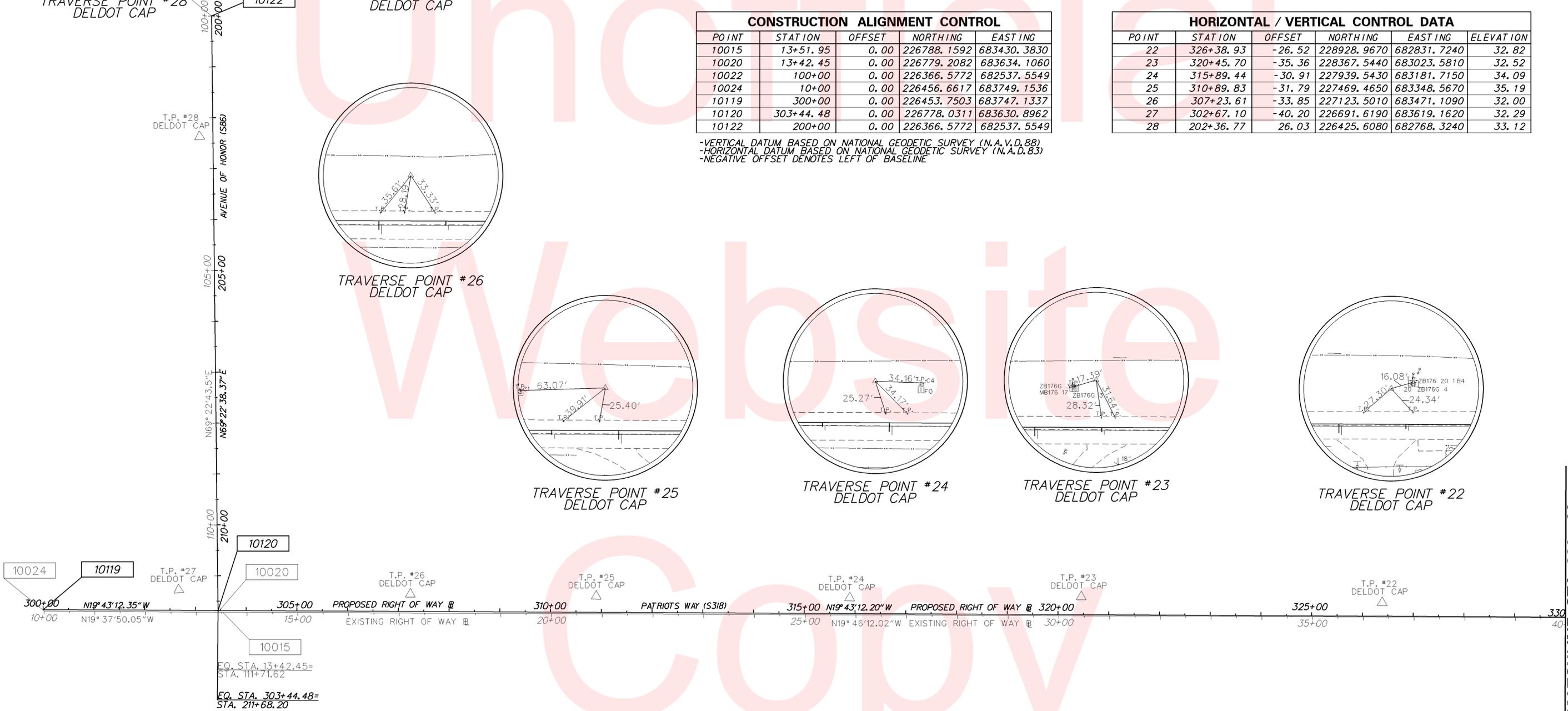


TRAVERSE POINT #22
DELDOT CAP

CONSTRUCTION ALIGNMENT CONTROL					
POINT	STATION	OFFSET	NORTHING	EASTING	
10015	13+51.95	0.00	226788.1592	683430.3830	
10020	13+42.45	0.00	226779.2082	683634.1060	
10022	100+00	0.00	226366.5772	682537.5549	
10024	10+00	0.00	226456.6617	683749.1536	
10119	300+00	0.00	226453.7503	683747.1337	
10120	303+44.48	0.00	226778.0311	683630.8962	
10122	200+00	0.00	226366.5772	682537.5549	

-VERTICAL DATUM BASED ON NATIONAL GEODETIC SURVEY (N.A.V.D.88)
 -HORIZONTAL DATUM BASED ON NATIONAL GEODETIC SURVEY (N.A.D.83)
 -NEGATIVE OFFSET DENOTES LEFT OF BASELINE

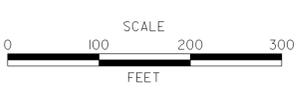
HORIZONTAL / VERTICAL CONTROL DATA					
POINT	STATION	OFFSET	NORTHING	EASTING	ELEVATION
22	326+38.93	-26.52	228928.9670	682831.7240	32.82
23	320+45.70	-35.36	228367.5440	683023.5810	32.52
24	315+89.44	-30.91	227939.5430	683181.7150	34.09
25	310+89.83	-31.79	227469.4650	683348.5670	35.19
26	307+23.61	-33.85	227123.5010	683471.1090	32.00
27	302+67.10	-40.20	226691.6190	683619.1620	32.29
28	202+36.77	26.03	226425.6080	682768.3240	33.12



MATCHLINE STA. 330 +00

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ADDENDUMS / REVISIONS	



**PATRIOTS WAY (S 318),
AVENUE OF HONOR
TO STOCKLEY BRANCH**

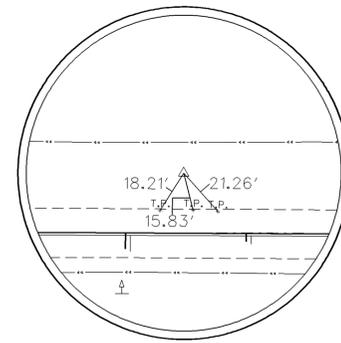
CONTRACT	BRIDGE NO.	NA
T200511201	DESIGNED BY:	ANM
COUNTY	CHECKED BY:	RMH
SUSSEX		

HORIZONTAL AND VERTICAL CONTROL	SHEET NO.
	8
	TOTAL SHTS.
	68

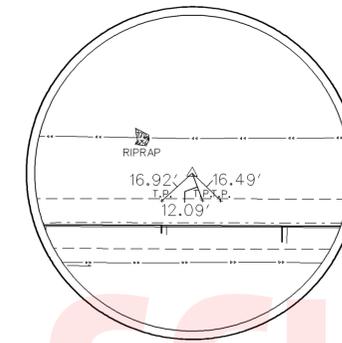
CIRCULAR CURVE NO.01A

ID	POINT NO.	STATION	NORTHING	EASTING
PC	(10014)	52+90.73	230494.7749	682298.6412
PI	(10008)	54+07.36	230604.5338	682259.2035
CC	(10013)	55+20.47	230677.7883	682807.9861
PT	(10012)	55+20.47	230720.7941	682268.4709

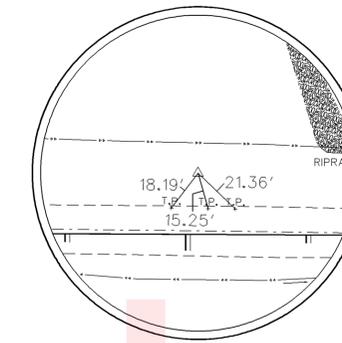
Radius: 541.2266
Delta: 24° 19' 17.2710" Right
Degree of Curvature(Arc): 10° 35' 10.6188"
Length: 229.7451
Tangent: 116.6291
Chord: 228.0240
Middle Ordinate: 12.1449
External: 12.4236
Tangent Direction: N 19° 45' 50.1926" W
Radial Direction: N 70° 14' 09.8074" E
Chord Direction: N 7° 36' 11.5571" W
Radial Direction: S 85° 26' 32.9216" E
Tangent Direction: N 4° 33' 27.0784" E



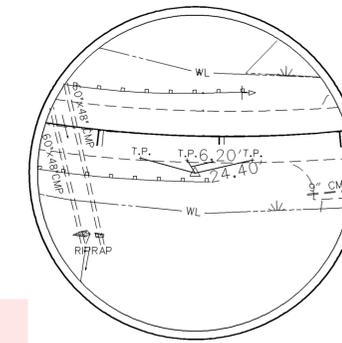
TRAVERSE POINT #21
DELDOT CAP



TRAVERSE POINT #20
DELDOT CAP



TRAVERSE POINT #19
DELDOT CAP



TRAVERSE POINT #16
DELDOT CAP

CIRCULAR CURVE NO.01B

ID	POINT NO.	STATION	NORTHING	EASTING
PC	(10114)	342+92.79	230494.7749	682298.6412
PI	(10108)	344+09.41	230604.5338	682259.2035
CC	(10113)	345+22.53	230677.7883	682807.9861
PT	(10112)	345+22.53	230720.7941	682268.4709

Radius: 541.2266
Delta: 24° 19' 17.2710" Right
Degree of Curvature(Arc): 10° 35' 10.6188"
Length: 229.7451
Tangent: 116.6291
Chord: 228.0240
Middle Ordinate: 12.1449
External: 12.4236
Tangent Direction: N 19° 45' 50.1926" W
Radial Direction: N 70° 14' 09.8074" E
Chord Direction: N 7° 36' 11.5571" W
Radial Direction: S 85° 26' 32.9216" E
Tangent Direction: N 4° 33' 27.0784" E

CIRCULAR CURVE NO.02A

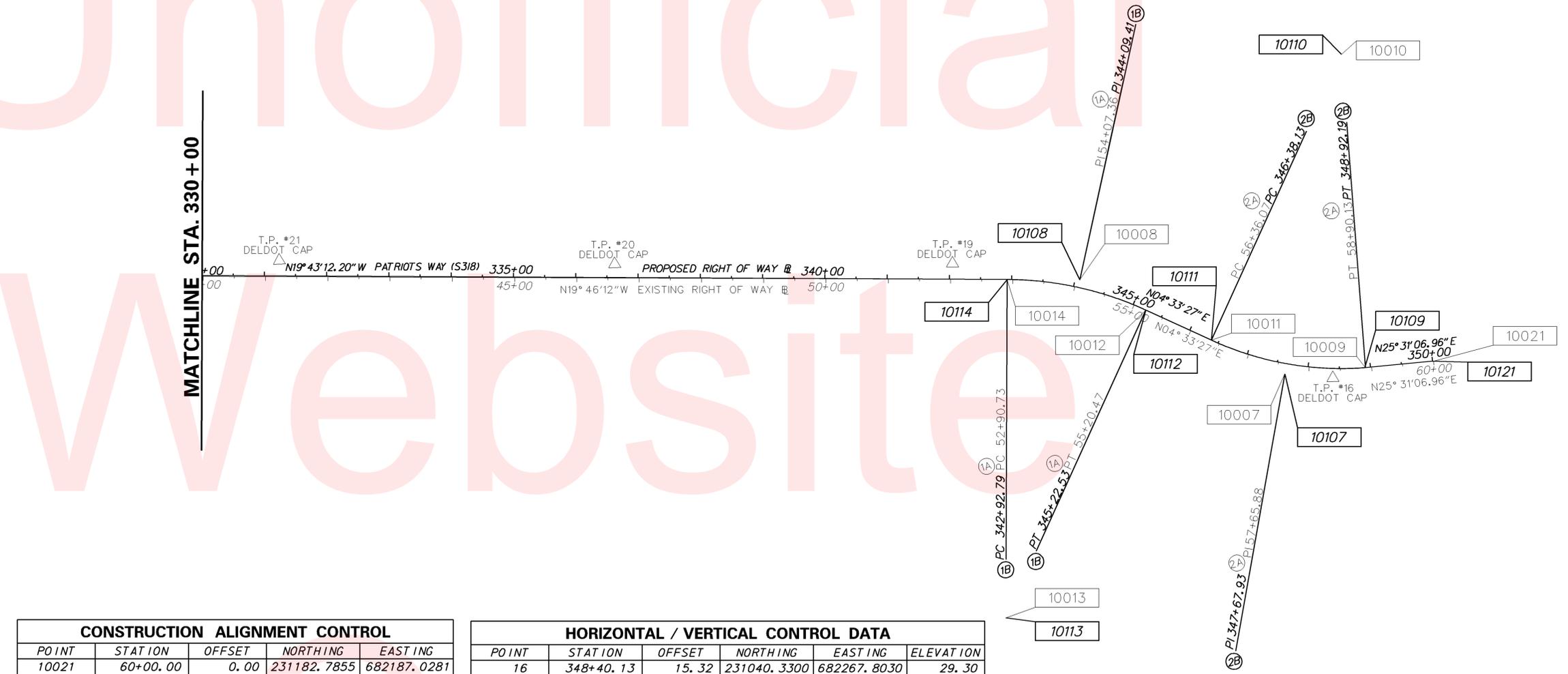
ID	POINT NO.	STATION	NORTHING	EASTING
PC	(10011)	56+36.07	230836.0284	682277.6564
PI	(10007)	57+65.88	230965.4218	682287.9706
CC	(10010)	58+90.13	230875.9792	681776.4669
PT	(10009)	58+90.13	231083.6370	682234.3590

Radius: 502.7793
Delta: 28° 57' 07.9261" Left
Degree of Curvature(Arc): 11° 23' 44.9201"
Length: 254.0600
Tangent: 129.8038
Chord: 251.3657
Middle Ordinate: 15.9622
External: 16.4856
Tangent Direction: N 4° 33' 27.0784" E
Radial Direction: S 85° 26' 32.9216" E
Chord Direction: N 9° 55' 06.8846" W
Radial Direction: N 65° 36' 19.1523" E
Tangent Direction: N 24° 23' 40.8477" W

CIRCULAR CURVE NO.02B

ID	POINT NO.	STATION	NORTHING	EASTING
PC	(10111)	346+38.13	230836.0284	682277.6564
PI	(10107)	347+67.93	230965.4218	682287.9706
CC	(10110)	348+92.19	230875.9792	681776.4669
PT	(10109)	348+92.19	231083.6370	682234.3590

Radius: 502.7793
Delta: 28° 57' 07.9261" Left
Degree of Curvature(Arc): 11° 23' 44.9201"
Length: 254.0600
Tangent: 129.8038
Chord: 251.3657
Middle Ordinate: 15.9622
External: 16.4856
Tangent Direction: N 4° 33' 27.0784" E
Radial Direction: S 85° 26' 32.9216" E
Chord Direction: N 9° 55' 06.8846" W
Radial Direction: N 65° 36' 19.1523" E
Tangent Direction: N 24° 23' 40.8477" W



CONSTRUCTION ALIGNMENT CONTROL

POINT	STATION	OFFSET	NORTHING	EASTING
10021	60+00.00	0.00	231182.7855	682187.0281
10121	350+00.00	0.00	231180.3666	682188.1830

-VERTICAL DATUM BASED ON NATIONAL GEODETIC SURVEY (N.A.V.D.88)
-HORIZONTAL DATUM BASED ON NATIONAL GEODETIC SURVEY (N.A.D.83)
-NEGATIVE OFFSET DENOTES LEFT OF BASELINE

HORIZONTAL / VERTICAL CONTROL DATA

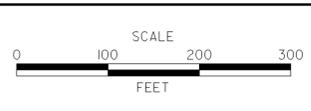
POINT	STATION	OFFSET	NORTHING	EASTING	ELEVATION
16	348+40.13	15.32	231040.3300	682267.8030	29.30
19	342+05.07	-25.35	230403.6480	682304.3740	30.23
20	336+62.63	-21.66	229894.2660	682490.8800	33.76
21	331+24.02	-24.81	229386.1790	682669.6620	32.82

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ADDENDUMS / REVISIONS

NO.	DATE	DESCRIPTION



**PATRIOTS WAY (S 318),
AVENUE OF HONOR
TO STOCKLEY BRANCH**

CONTRACT	BRIDGE NO.	NA
T200511201	DESIGNED BY:	ANM
COUNTY	CHECKED BY:	RMH
SUSSEX		

HORIZONTAL AND VERTICAL CONTROL

SHEET NO.	9
TOTAL SHTS.	68

RIGHT-OF-WAY MONUMENT SCHEDULE					
NO.	TYPE	STATION	OFFSET	NORTHING	EASTING
1	CONCRETE	303+80.55	-1202.22'	226406.3238	682487.0162

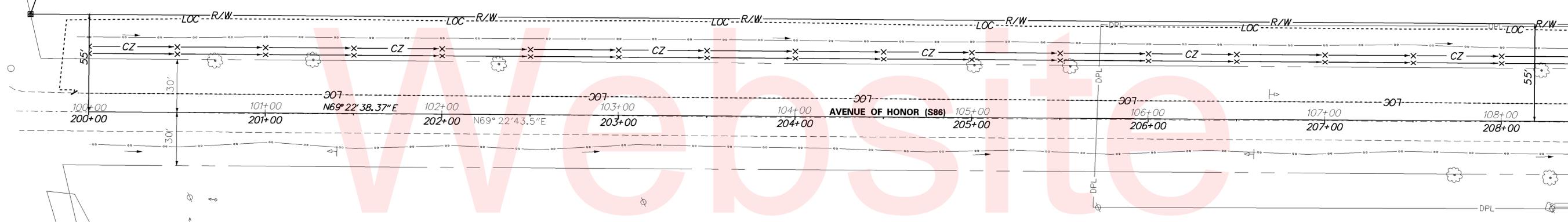


Unofficial

1-33-11.00-105.00
INDIAN RIVER SCHOOL DISTRICT
D.B. 02629, P.G. 050-051

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MATCHLINE STA. 208 + 50

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1-33-7.00-8.00
DELAWARE, STATE OF
D.B. 293, P.G. 14-15

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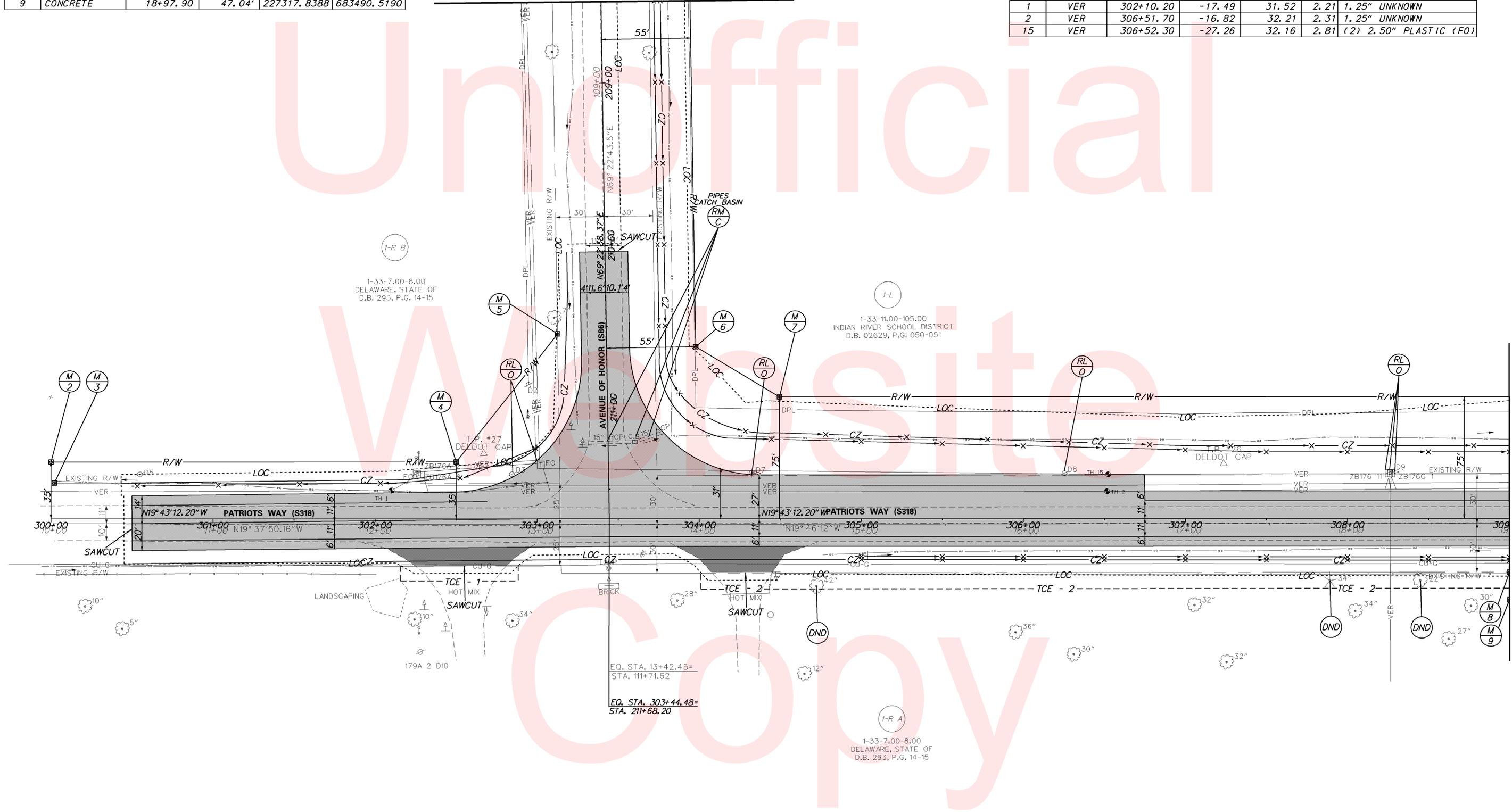
DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE FEET	PATRIOTS WAY (S 318), AVENUE OF HONOR TO STOCKLEY BRANCH	CONTRACT 25-112-01	BRIDGE NO. NA	CONSTRUCTION PLAN	SHEET NO. 10
					COUNTY SUSSEX		DESIGNED BY: ANM

RIGHT-OF-WAY MONUMENT SCHEDULE					
NO.	TYPE	STATION	OFFSET	NORTHING	EASTING
2	CONCRETE	300+00.00	-35.00'	226441.9404	683714.1863
3	CONCRETE	300+02.10	-22.12'	226448.2628	683725.6066
4	CONCRETE	302+50.00	-35.00'	226677.2786	683629.8301
5	CONCRETE	110+53.95	30.00'	226709.6890	683534.5427
6	CONCRETE	210+63.19	-55.00'	226792.5211	683513.2439
7	CONCRETE	304+49.56	-75.00'	226851.6352	683524.8405
8	CONCRETE	18+97.92	30.00'	227312.0882	683474.4760
9	CONCRETE	18+97.90	47.04'	227317.8388	683490.5190

UTILITY TEST HOLE SCHEDULE						
NO.	UTILITY	STATION	OFFSET	GRND EL.	COVER	O. D. & MATERIAL
1	VER	302+10.20	-17.49	31.52	2.21	1.25" UNKNOWN
2	VER	306+51.70	-16.82	32.21	2.31	1.25" UNKNOWN
15	VER	306+52.30	-27.26	32.16	2.81	(2) 2.50" PLASTIC (FO)

MATCHLINE STA. 208+50

MATCHLINE STA. 309+00



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<p>DELAWARE DEPARTMENT OF TRANSPORTATION</p>	ADDENDUMS / REVISIONS		<p>SCALE</p> <p>FEET</p>	<p>PATRIOTS WAY (S 318), AVENUE OF HONOR TO STOCKLEY BRANCH</p>	CONTRACT	BRIDGE NO.	<p>NA</p>	<p>CONSTRUCTION PLAN</p>	SHEET NO.
	T200511201	DESIGNED BY: ANM			11				
	SUSSEX	CHECKED BY: RMH			TOTAL SHTS. 68				

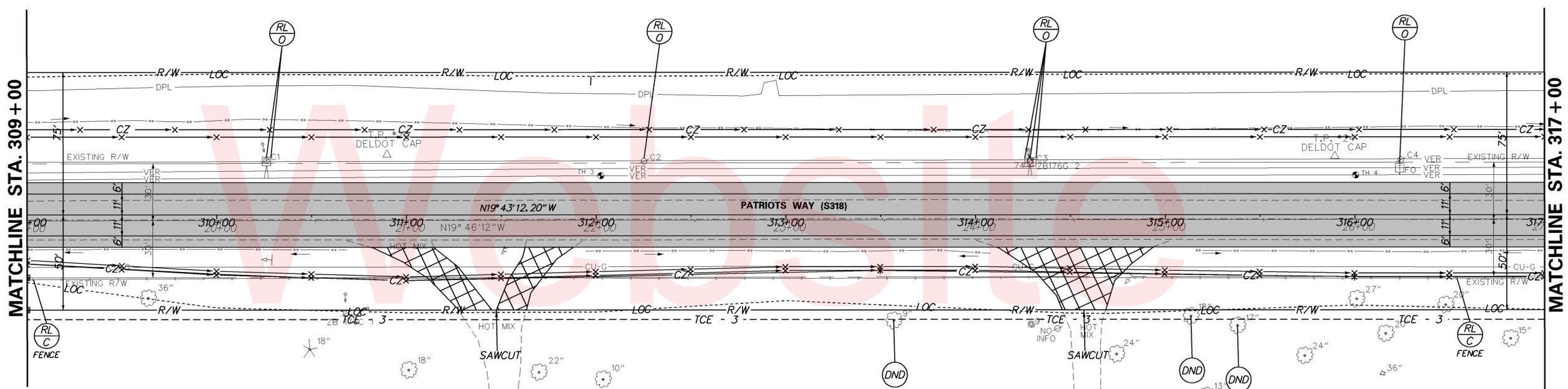
UTILITY TEST HOLE SCHEDULE						
NO.	UTILITY	STATION	OFFSET	GRND EL.	COVER	O. D. & MATERIAL
3	VER	312+02.50	-20.70	33.69	2.86	1.25" UNKNOWN
4	VER	316+00.40	-20.95	33.85	2.82	1.25" UNKNOWN



Unofficial

1-33-11.00-105.00
INDIAN RIVER SCHOOL DISTRICT
D.B. 02629, P.G. 050-051

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1-33-7.00-8.00
DELAWARE, STATE OF
D.B. 293, P.G. 14-15

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DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS		SCALE FEET	PATRIOTS WAY (S 318), AVENUE OF HONOR TO STOCKLEY BRANCH	CONTRACT	BRIDGE NO.	NA	CONSTRUCTION PLAN	SHEET NO.
					T200511201	DESIGNED BY: ANM			12
					SUSSEX	CHECKED BY: RMH			TOTAL SHTS. 68

DRAINAGE PIPE SCHEDULE						
NO.	SIZE / TYPE	CLASS	LENGTH	SLOPE	INT. EL.	DIS. EL.
1	14" x 23" RCEP	IV	68.00'	0.003	28.53'	28.32'
2	32" x 49" RCEP	III	60.00'	0.003	27.82'	27.67'

UTILITY TEST HOLE SCHEDULE						
NO.	UTILITY	STATION	OFFSET	GRND EL.	COVER	O. D. & MATERIAL
5	VER	319+41.90	-21.95	32.97	3.03	1.25" UNKNOWN
14	VER	319+42.20	-30.21	32.87	2.52	(2) 2.50" PLASTIC (FO)

DRAINAGE INLET SCHEDULE						
NO.	STATION	OFFSET	BOX SIZE	GRATE	T. G. EL.	INV. EL.
1	321+00	26.05	34" x 24"	1	30.80'	28.53'

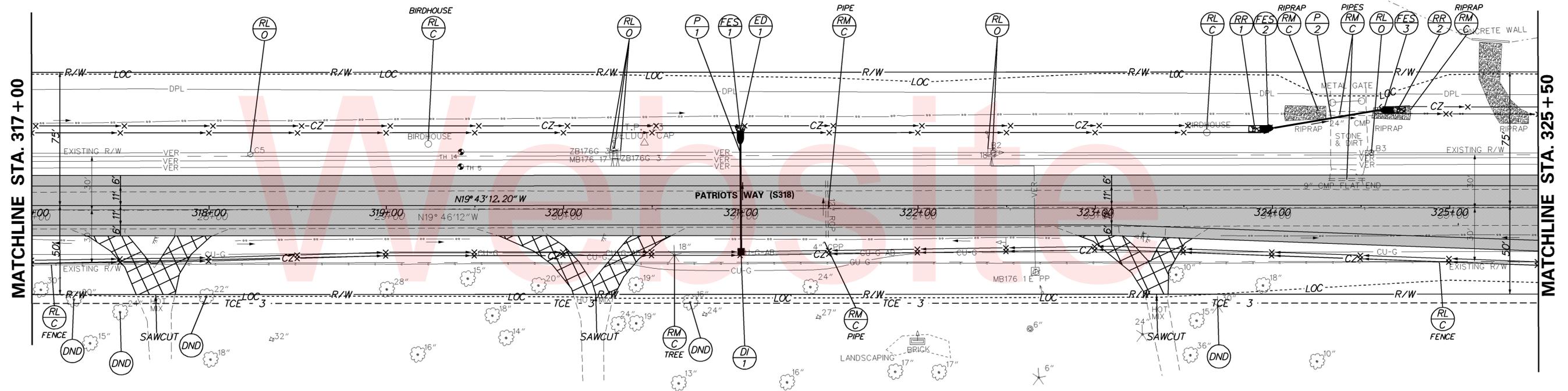
FLARED END SECTION SCHEDULE			
NO.	SIZE / TYPE	SLOPE	SAFETY GRATE
1	14" x 23" RCEP	0.003	NO
2	32" x 49" RCEP	0.003	NO
3	32" x 49" RCEP	0.003	NO

RIPRAP SCHEDULE		
NO.	TYPE	AREA
1	R-4	3 SY
2	R-4	3 SY

ENERGY DISSIPATOR SCHEDULE								
NO.	STATION	OFFSET	RIPRAP SIZE	D (FT)	T1 (FT)	L (FT)	W1 (FT)	W2 (FT)
1	321+00	-41.95	R-4	0.5	0.5	12.00'	1.00'	6.00'

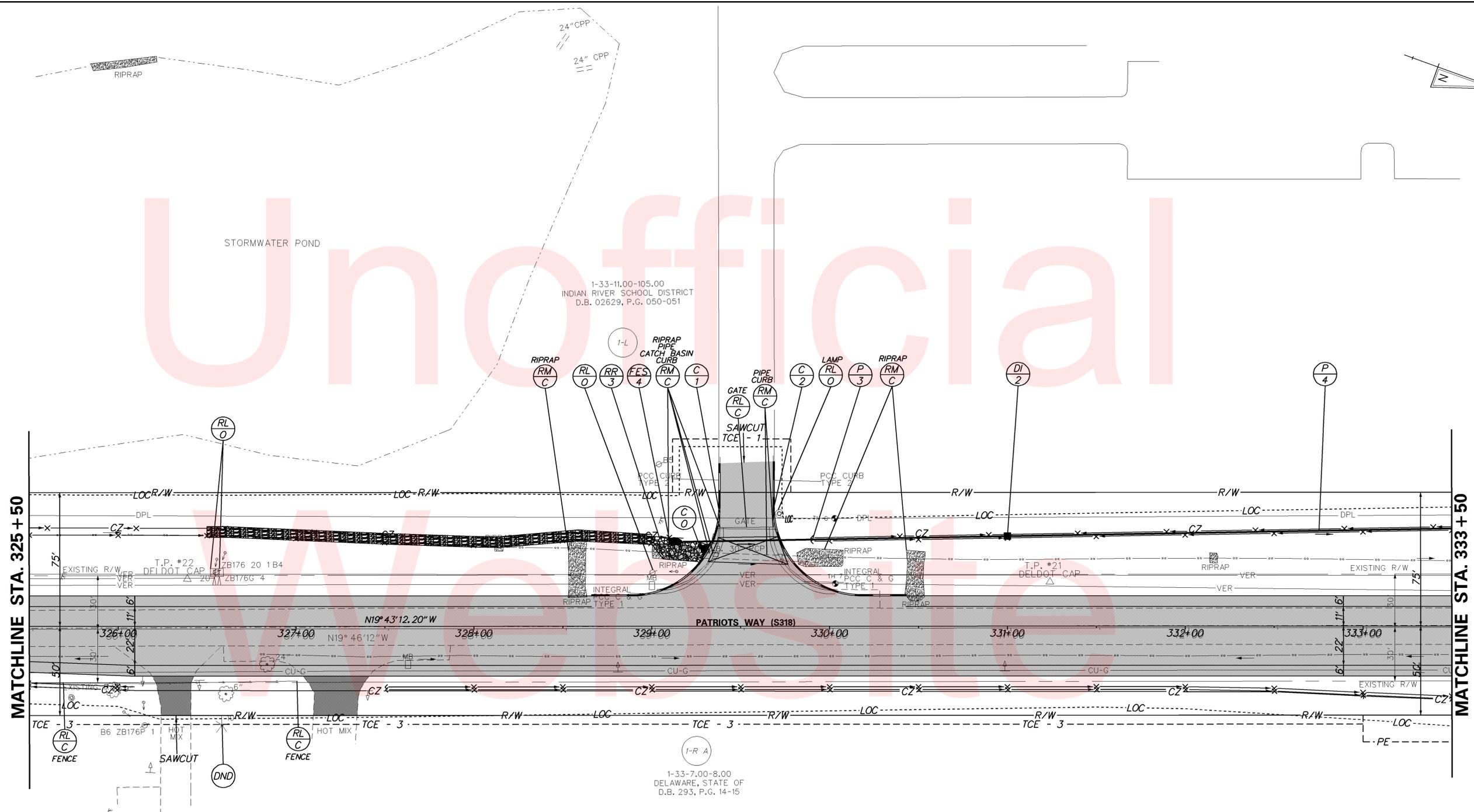
1-33-11.00-105.00
 INDIAN RIVER SCHOOL DISTRICT
 D.B. 02629, P.G. 050-051

1-L



1-R A

1-33-7.00-8.00
 DELAWARE, STATE OF
 D.B. 293, P.G. 14-15



RIPRAP SCHEDULE		
NO.	TYPE	AREA
3	R-4	33 SY

CURB SCHEDULE		
NO.	ITEM DESCRIPTION / TYPE	LENGTH
1	P. C. C. CURB, TYPE 1-8 **	125.21'
2	P. C. C. CURB, TYPE 1-8 **	128.87'

**WHERE CURB DOES NOT TIE INTO EXISTING CURB, PLACE EROSION CONTROL BLANKET AS DIRECTED BY THE ENGINEER.

DRAINAGE PIPE SCHEDULE						
NO.	SIZE / TYPE	CLASS	LENGTH	SLOPE	INT. EL.	DIS. EL.
3	32" x 49" RCEP	111	182.47'	0.003	27.21'	26.63'
4	32" x 49" RCEP	111	307.50'	0.003	26.63'	25.73'

DRAINAGE INLET SCHEDULE						
NO.	STATION	OFFSET	BOX SIZE	GRATE	T.G. EL.	INV. EL.
2	331+00	-52.44	72" x 72"	1	31.20'	26.63'

DELDOT SWM FACILITY SCHEDULE		
NO.	TYPE / DESCRIPTION	LOCATION
53	INFILTRATION TRENCH *	STA. 326+50 LT. TO STA. 329+00 LT.

*SEE STORMWATER DETAIL

UTILITY TEST HOLE SCHEDULE						
NO.	UTILITY	STATION	OFFSET	GRND EL.	COVER	O. D. & MATERIAL
6	DPL	330+02.90	-60.49	32.93	2.45	(3) 1.25" UNKNOWN
7	VER	330+03.30	-23.92	32.66	2.65	1.25" UNKNOWN

FLARED END SECTION SCHEDULE			
NO.	SIZE / TYPE	SLOPE	SAFETY GRATE
4	32" x 49" RCEP	0.003	YES

ADDENDUMS / REVISIONS



**PATRIOTS WAY (S 318),
AVENUE OF HONOR
TO STOCKLEY BRANCH**

CONTRACT T200511201	BRIDGE NO. NA
COUNTY SUSSEX	DESIGNED BY: ANM
	CHECKED BY: RMH

CONSTRUCTION PLAN

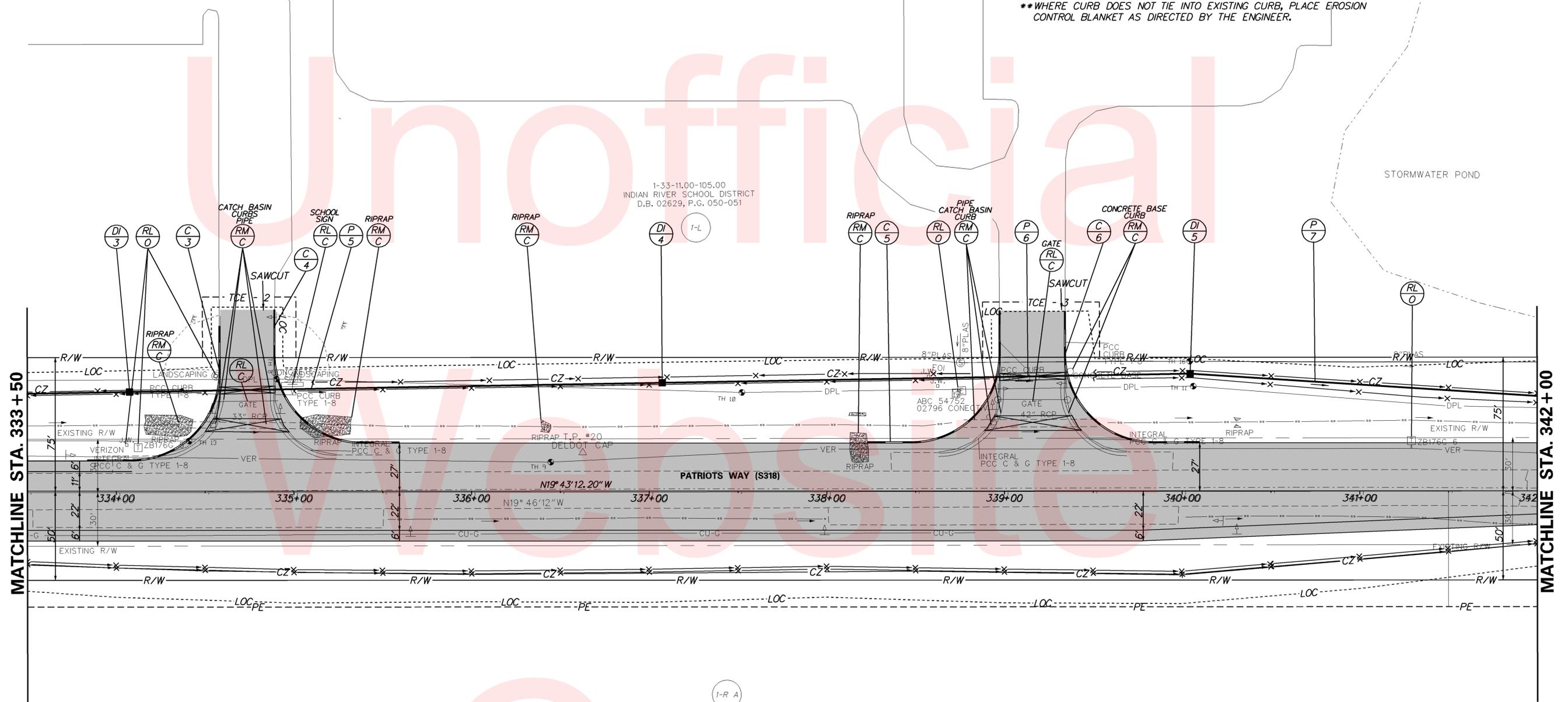
SHEET NO. 14
TOTAL SHTS. 68

DRAINAGE PIPE SCHEDULE						
NO.	SIZE / TYPE	CLASS	LENGTH	SLOPE	INT. EL.	DIS. EL.
5	32" x 49" RCEP	111	299.89'	0.003	25.73'	24.84'
6	32" x 49" RCEP	111	297.26'	0.003	24.84'	23.94'
7	32" x 49" RCEP	111	253.90'	0.003	23.94'	23.19'

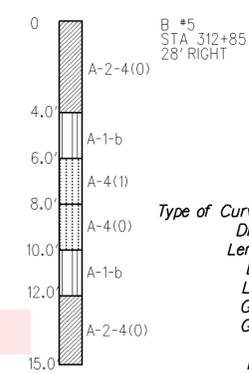
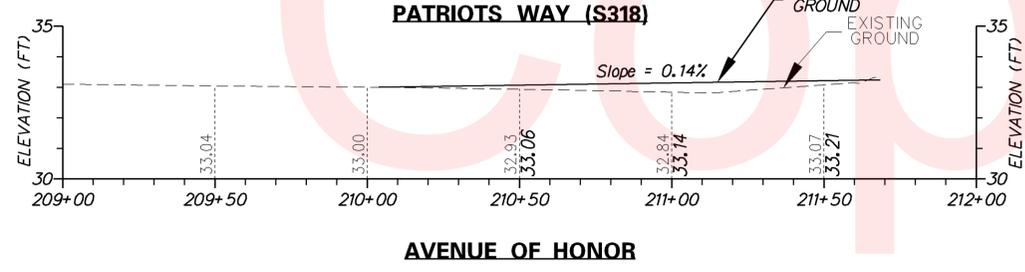
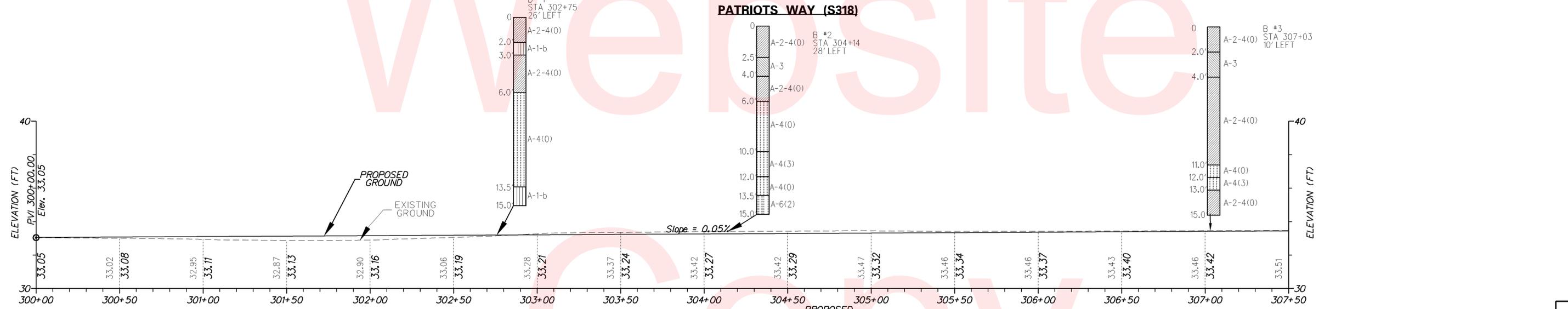
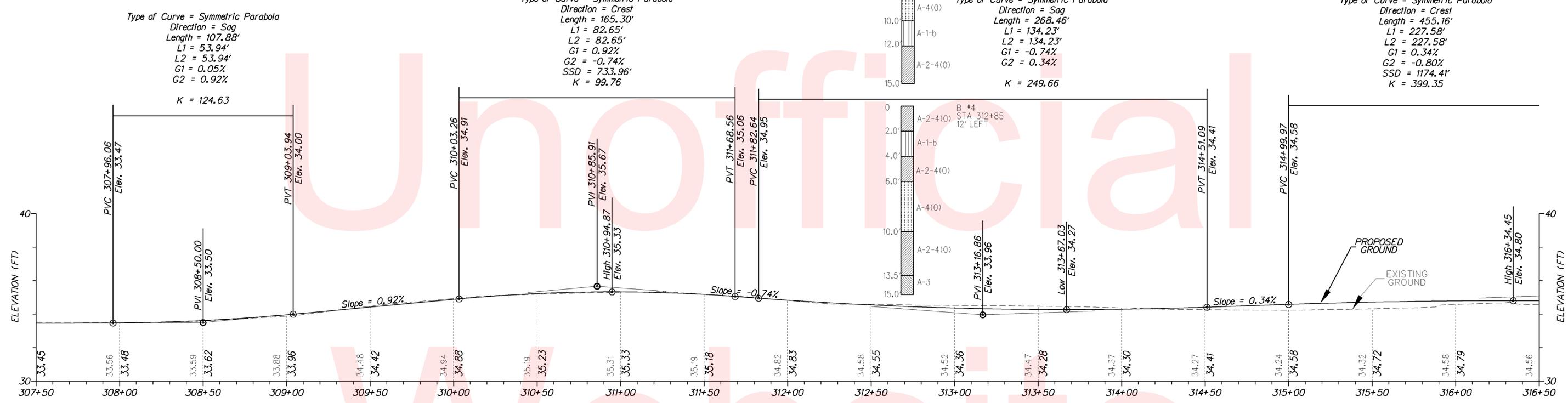
DRAINAGE INLET SCHEDULE						
NO.	STATION	OFFSET	BOX SIZE	GRATE	T. G. EL.	INV. EL.
3	334+07.50	-55.70	72" x 72"	1	32.45'	25.74'
4	337+07.35	-60.77	72" x 72"	1	32.17'	24.85'
5	340+04.56	-65.80	72" x 72"	1	31.85'	23.95'

CURB SCHEDULE		
NO.	ITEM DESCRIPTION / TYPE	LENGTH
3	P. C. C. CURB, TYPE 1-8	129.05'
4	P. C. C. CURB, TYPE 1-8	124.20'
5	P. C. C. CURB, TYPE 1-8	127.62'
6	P. C. C. CURB, TYPE 1-8	128.58'

**WHERE CURB DOES NOT TIE INTO EXISTING CURB, PLACE EROSION CONTROL BLANKET AS DIRECTED BY THE ENGINEER.



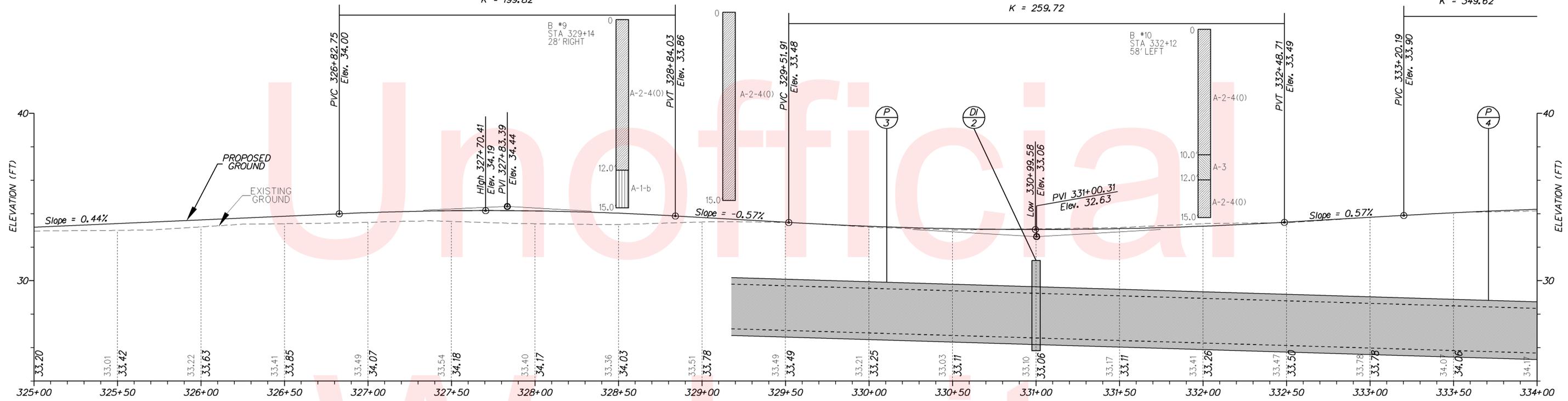
UTILITY TEST HOLE SCHEDULE						
NO.	UTILITY	STATION	OFFSET	GRND EL.	COVER	O. D. & MATERIAL
8	DPL	334+90.40	-62.97	34.28	1.89	(2) 0.125" UNKNOWN
9	VER	336+44.60	-16.36	33.61	1.81	1.25" UNKNOWN
10	DPL	337+52.20	-55.38	33.12	3.58	(3) 1.25" UNKNOWN
11	DPL	340+06.40	-58.81	32.98	2.93	0.75" UNKNOWN
13	VER	334+41.00	-28.22	33.97	8.62	(2) 2.50" PLASTIC (FO)
16	TGS	340+04.33	-72.83	33.38	7.76	8 1/2" PLASTIC SANITARY LINE



Type of Curve = Symmetric Parabola
 Direction = Crest
 Length = 201.27'
 L1 = 100.64'
 L2 = 100.64'
 G1 = 0.44%
 G2 = -0.57%
 SSD = 1172.01'
 K = 199.82

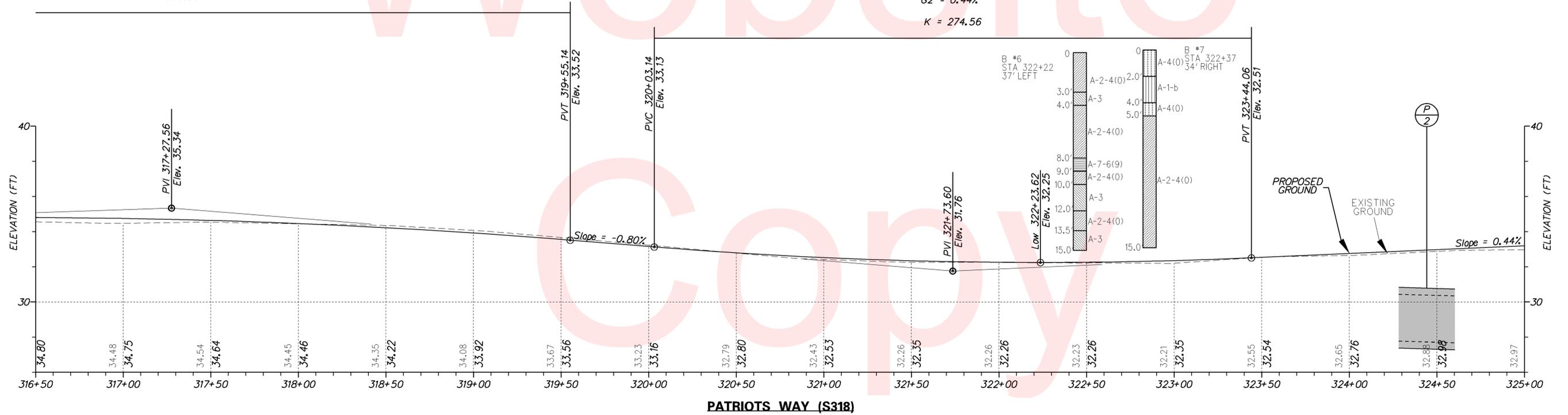
Type of Curve = Symmetric Parabola
 Direction = Sag
 Length = 296.79'
 L1 = 148.40'
 L2 = 148.40'
 G1 = -0.57%
 G2 = 0.57%
 K = 259.72

Type of Curve = Symmetric Parabola
 Direction = Crest
 Length = 397.58'
 L1 = 198.79'
 L2 = 198.79'
 G1 = 0.57%
 G2 = -0.56%
 SSD = 1147.77'
 K = 349.62



Type of Curve = Symmetric Parabola
 Direction = Crest
 Length = 455.16'
 L1 = 227.58'
 L2 = 227.58'
 G1 = 0.34%
 G2 = -0.80%
 SSD = 1174.41'
 K = 399.35

Type of Curve = Symmetric Parabola
 Direction = Sag
 Length = 340.92'
 L1 = 170.46'
 L2 = 170.46'
 G1 = -0.80%
 G2 = 0.44%
 K = 274.56



PATRIOTS WAY (S318)

ADDENDUMS / REVISIONS



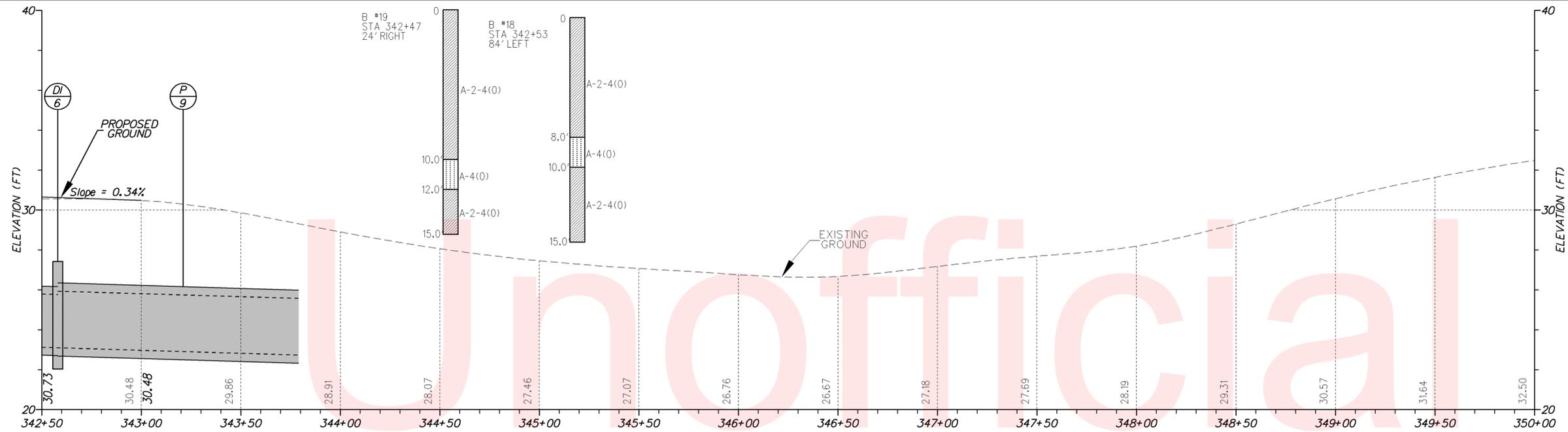
PATRIOTS WAY (S 318),
 AVENUE OF HONOR
 TO STOCKLEY BRANCH

CONTRACT	BRIDGE NO.	NA
T200511201	DESIGNED BY:	ANM
COUNTY	CHECKED BY:	RMH
SUSSEX		

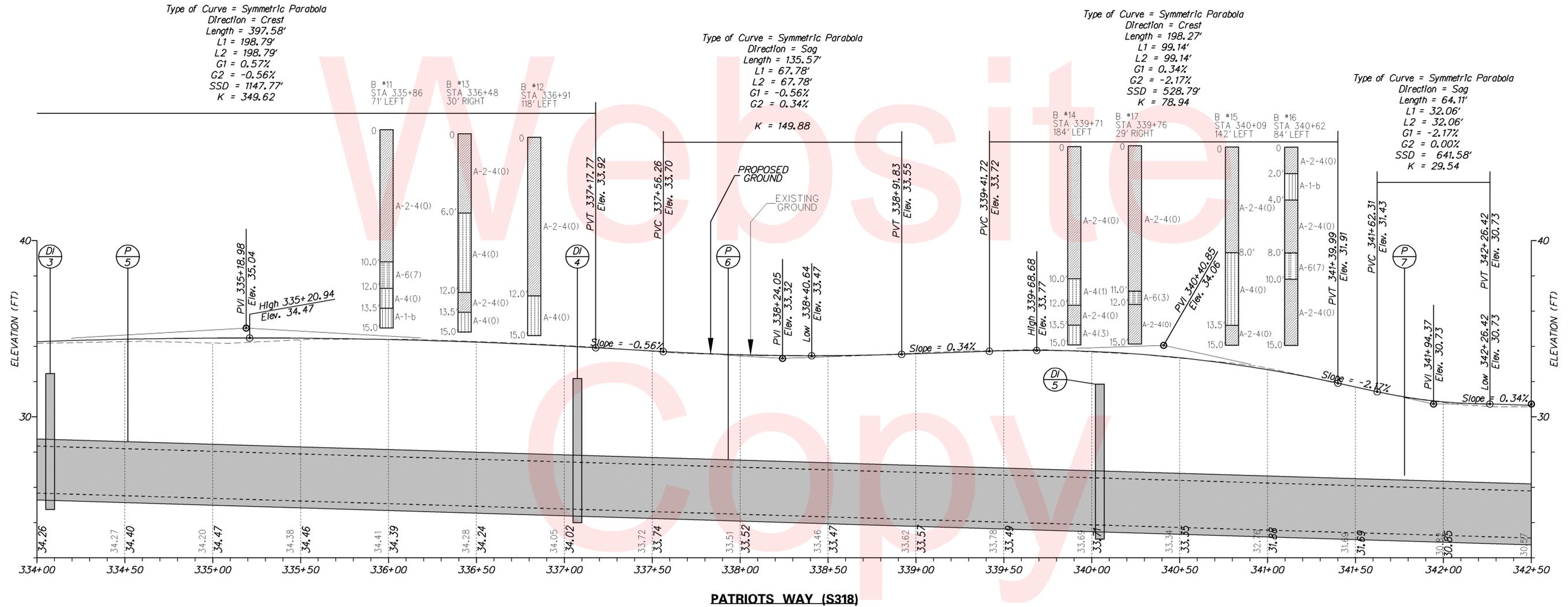
PROFILES



SHEET NO.	18
TOTAL SHTS.	68



PATRIOTS WAY (S318)



PATRIOTS WAY (S318)

ADDENDUMS / REVISIONS



**PATRIOTS WAY (S 318),
AVENUE OF HONOR
TO STOCKLEY BRANCH**

CONTRACT T200511201	BRIDGE NO. NA
COUNTY SUSSEX	DESIGNED BY: ANM
	CHECKED BY: RMH

PROFILES



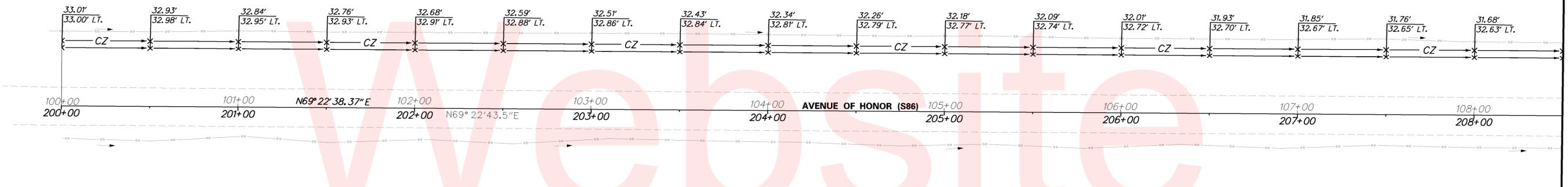
SHEET NO.
19
TOTAL SHTS.
68

NOTES:

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6. PROPOSED CURBS OR PAVEMENT THAT TIE INTO EXISTING PAVEMENT OR EXISTING CURBS SHALL MATCH THE EXISTING PAVEMENT OR CURB ELEVATIONS.



Unofficial



MATCHLINE STA. 208 + 50

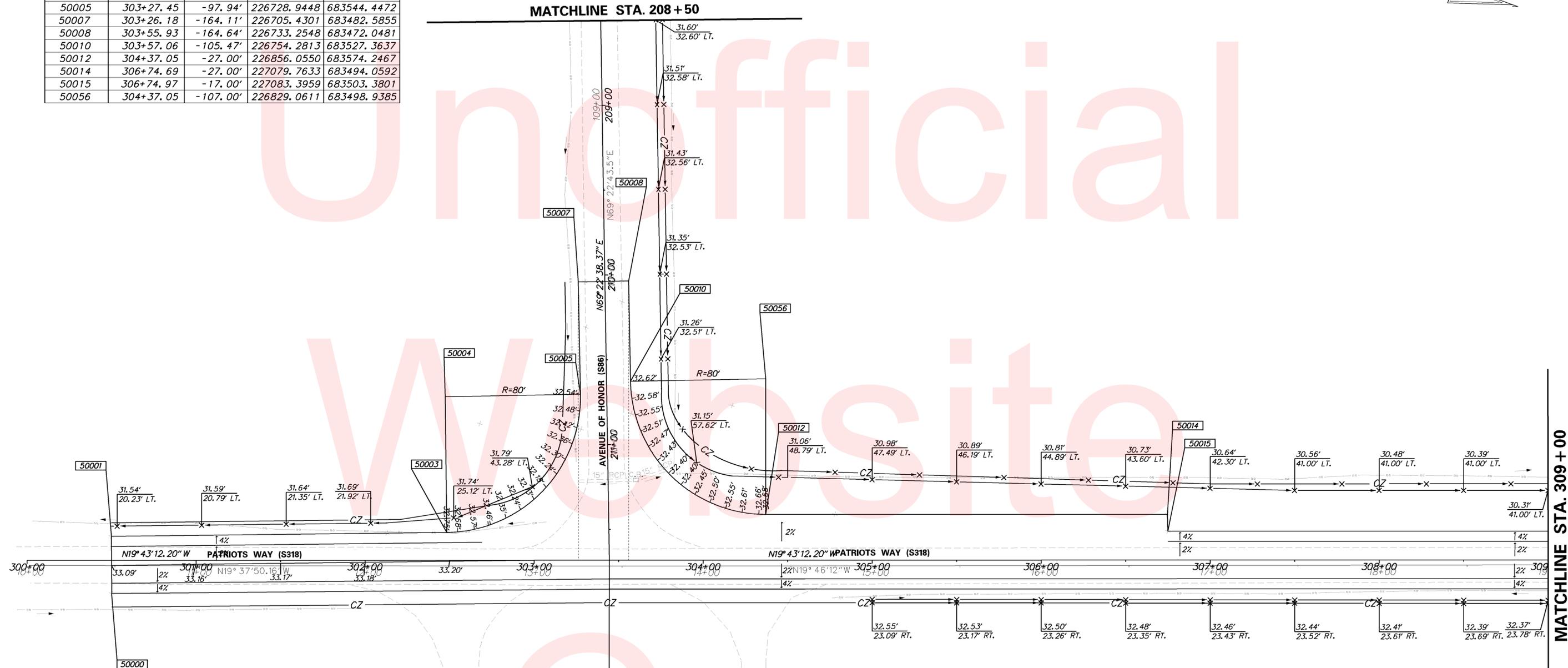
Website

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DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS		SCALE FEET	PATRIOTS WAY (S 318), AVENUE OF HONOR TO STOCKLEY BRANCH	CONTRACT	BRIDGE NO.	NA	GRADES AND GEOMETRICS	SHEET NO.
							DESIGNED BY: ANM		20
							CHECKED BY: RMH		TOTAL SHTS.
									68

COORDINATE SCHEDULE				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
50000	300+50.05	19.53'	226507.4567	683748.6303
50001	300+49.92	-14.19'	226495.9521	683716.9288
50003	302+48.36	-16.42'	226682.0028	683647.8729
50004	302+47.46	-96.42'	226654.1651	683572.8724
50005	303+27.45	-97.94'	226728.9448	683544.4472
50007	303+26.18	-164.11'	226705.4301	683482.5855
50008	303+55.93	-164.64'	226733.2548	683472.0481
50010	303+57.06	-105.47'	226754.2813	683527.3637
50012	304+37.05	-27.00'	226856.0550	683574.2467
50014	306+74.69	-27.00'	227079.7633	683494.0592
50015	306+74.97	-17.00'	227083.3959	683503.3801
50056	304+37.05	-107.00'	226829.0611	683498.9385



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EQ. STA. 303+44.48 =
STA. 211+68.20

ADDENDUMS / REVISIONS

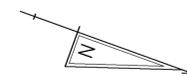


**PATRIOTS WAY (S 318),
AVENUE OF HONOR
TO STOCKLEY BRANCH**

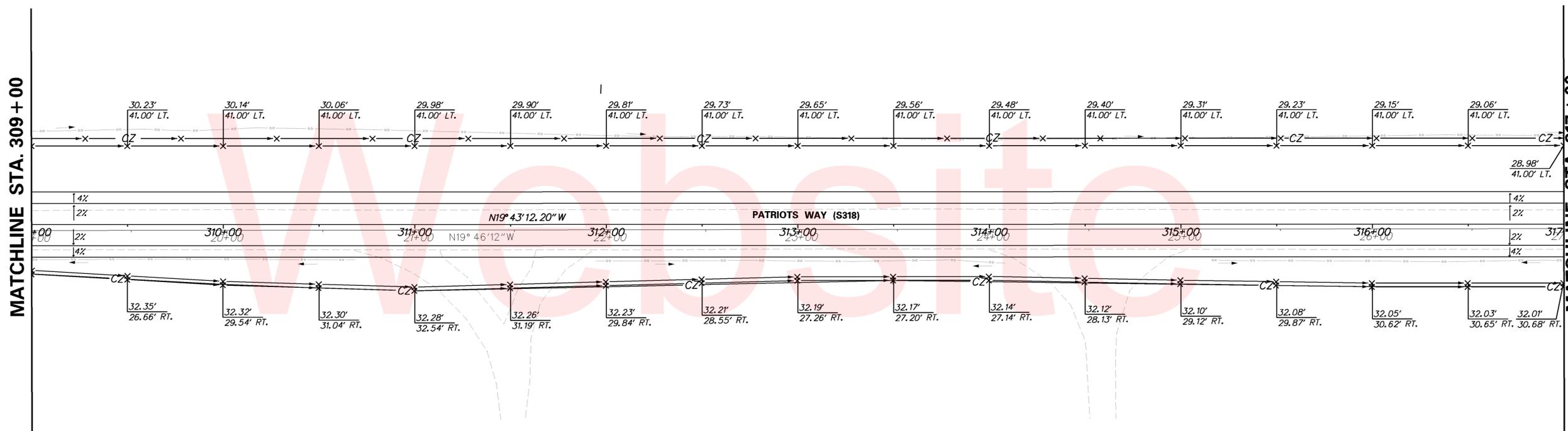
CONTRACT	BRIDGE NO.	NA
T200511201	DESIGNED BY: ANM	
COUNTY	CHECKED BY: RMH	
SUSSEX		

**GRADES AND
GEOMETRICS**

SHEET NO.	21
TOTAL SHTS.	68



Unofficial



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ADDENDUMS / REVISIONS	



**PATRIOTS WAY (S 318),
AVENUE OF HONOR
TO STOCKLEY BRANCH**

CONTRACT	BRIDGE NO.	NA
T200511201	DESIGNED BY:	ANM
COUNTY	CHECKED BY:	RMH
SUSSEX		

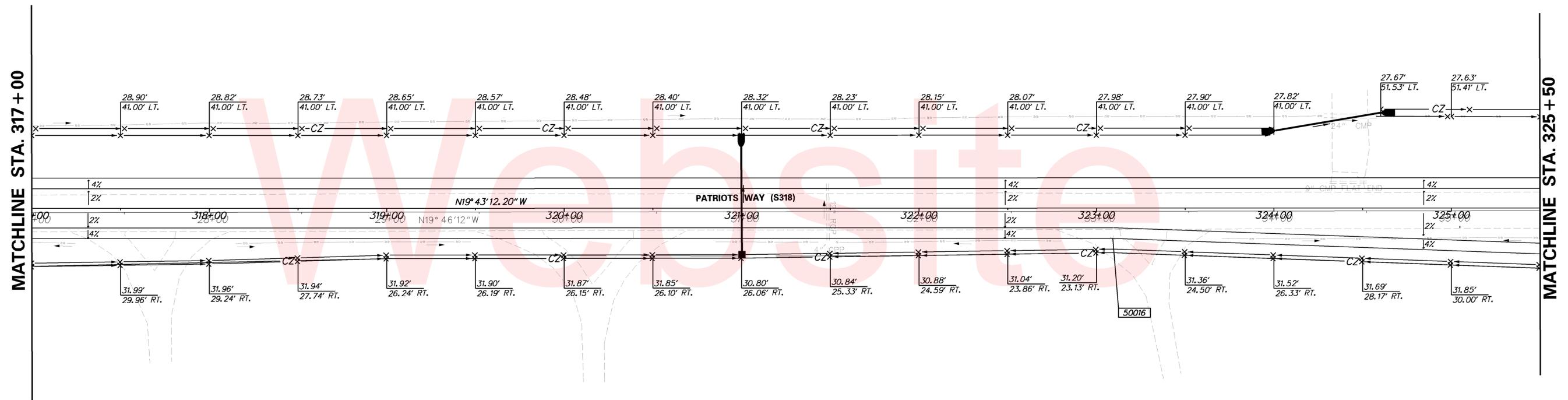
**GRADES AND
GEOMETRICS**

SHEET NO.	22
TOTAL SHTS.	68

COORDINATE SCHEDULE				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
50016	323+09.15	17.00'	228633.2104	682983.9722



Unofficial



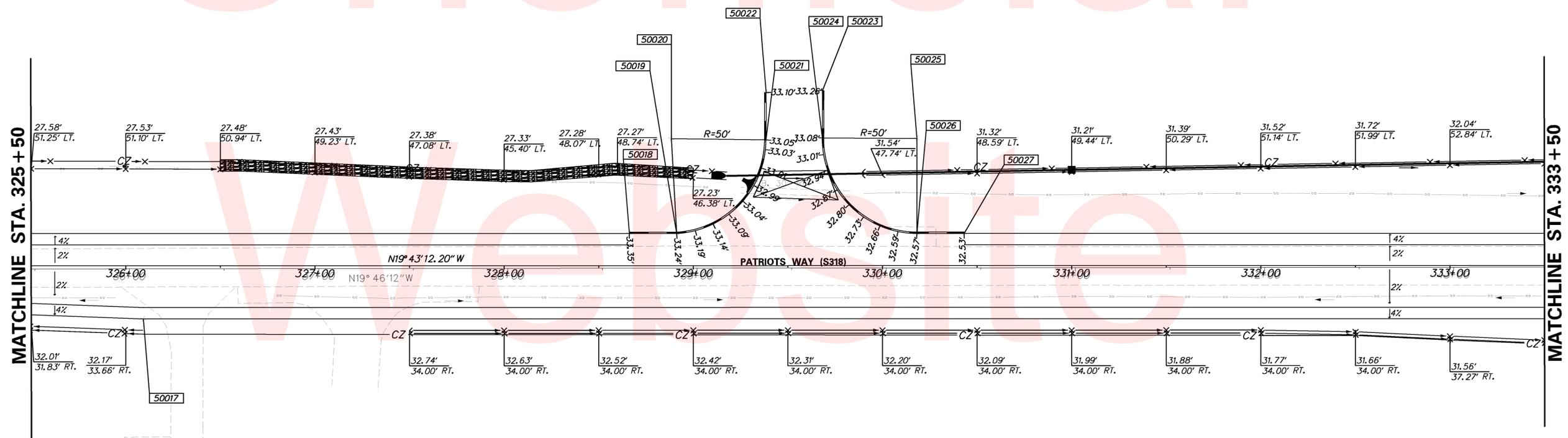
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DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE FEET	PATRIOTS WAY (S 318), AVENUE OF HONOR TO STOCKLEY BRANCH	CONTRACT T200511201	BRIDGE NO. NA	GRADES AND GEOMETRICS	SHEET NO. 23
					COUNTY SUSSEX		DESIGNED BY: ANM CHECKED BY: RMH

COORDINATE SCHEDULE				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
50017	326+09.29	28.00'	228919.4567	682893.0534
50018	328+66.21	-17.00'	229146.1323	682763.9987
50019	328+91.21	-17.00'	229169.6654	682755.5633
50020	328+88.48	-66.93'	229150.2481	682709.4877
50021	329+38.48	-66.33'	229197.5136	682693.1789
50022	329+38.53	-91.33'	229189.1268	682669.6159
50023	329+68.32	-92.36'	229216.8191	682658.6053
50024	329+68.25	-67.36'	229225.1880	682682.1629
50025	330+18.25	-67.00'	229272.3762	682665.6319
50026	330+18.21	-17.00'	229289.2159	682712.7108
50027	330+43.21	-17.00'	229312.7498	682704.2752



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ADDENDUMS / REVISIONS



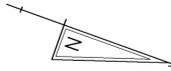
**PATRIOTS WAY (S 318),
AVENUE OF HONOR
TO STOCKLEY BRANCH**

CONTRACT T200511201	BRIDGE NO. NA
COUNTY SUSSEX	DESIGNED BY: ANM
	CHECKED BY: RMH

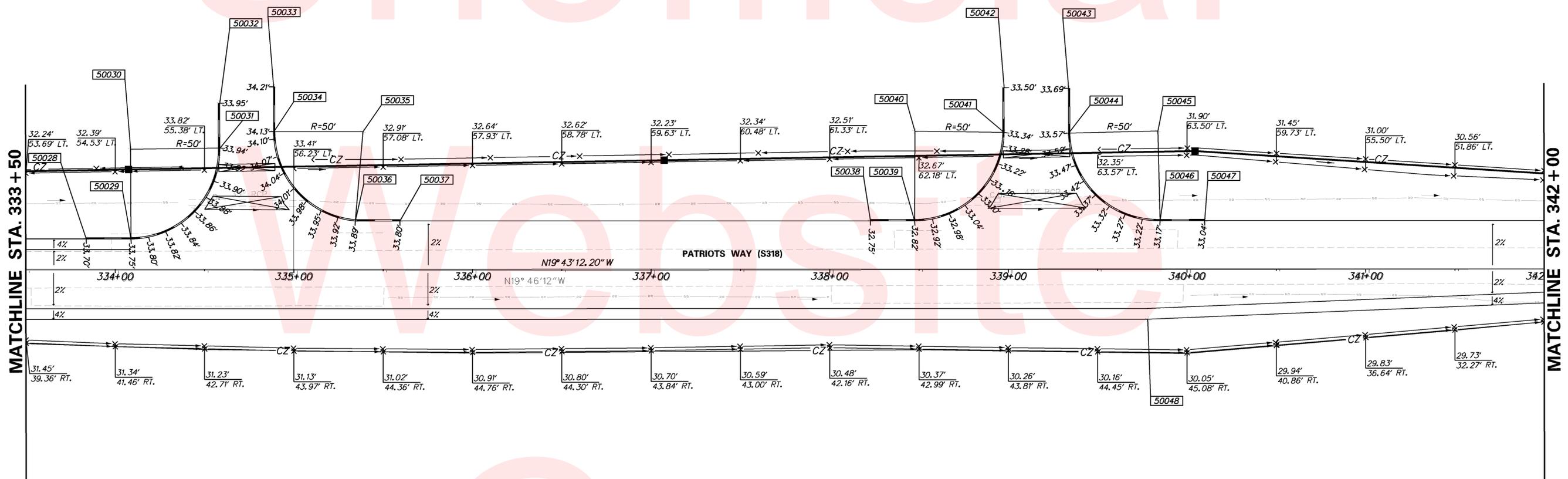
**GRADES AND
GEOMETRICS**

SHEET NO. 24
TOTAL SHTS. 68

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COORDINATE SCHEDULE				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
50028	333+83.82	-17.00'	229633.3776	682589.3472
50029	334+08.82	-17.00'	229656.9114	682580.9116
50030	334+08.61	-67.00'	229639.8418	682533.9155
50031	334+58.60	-67.72'	229686.6619	682516.3689
50032	334+58.52	-92.72'	229678.1488	682492.8630
50033	334+88.72	-101.82'	229703.5139	682474.1050
50034	334+88.74	-76.82'	229711.9599	682497.6351
50035	335+38.74	-76.81'	229759.0297	682480.7699
50036	335+34.40	-27.00'	229771.7521	682529.1243
50037	335+59.40	-27.00'	229795.2852	682520.6889
50038	338+22.84	-27.00'	230043.2838	682431.7946
50039	338+47.57	-27.00'	230066.5560	682423.4527
50040	338+47.70	-77.00'	230049.8153	682376.3385
50041	338+97.70	-101.22'	230097.1393	682360.2004
50042	338+97.70	-76.22'	230088.7005	682336.6678
50043	339+33.71	-100.84'	230122.7320	682324.8808
50044	339+33.78	-75.84'	230131.2235	682348.3945
50045	339+83.75	-76.99'	230177.8906	682330.4452
50046	339+84.95	-27.00'	230195.8787	682377.0974
50047	340+09.95	-27.00'	230219.4118	682368.6621
50048	339+78.02	28.00'	230207.9135	682431.2119

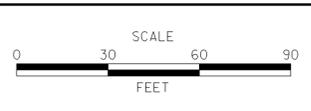


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ADDENDUMS / REVISIONS

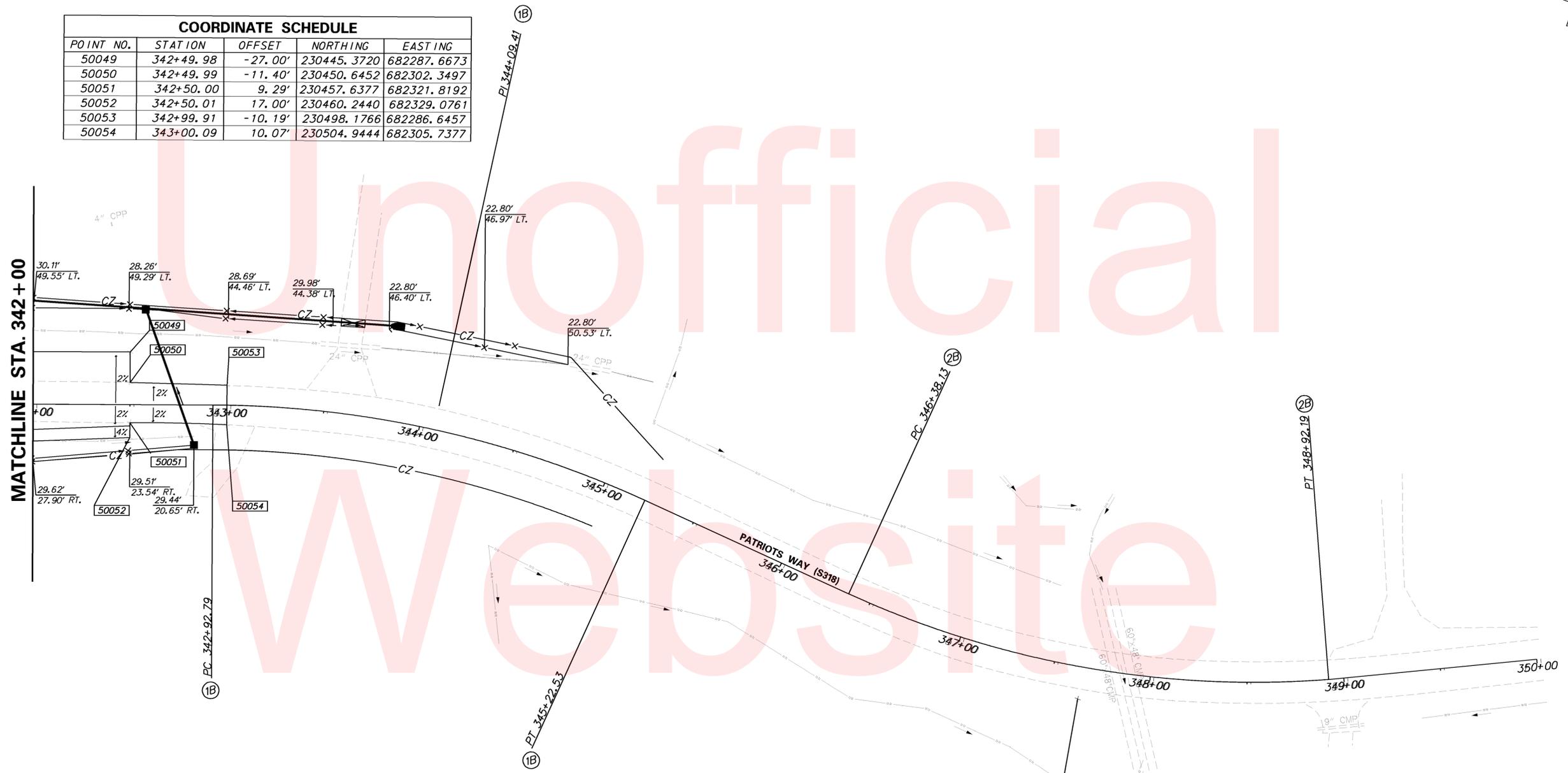


**PATRIOTS WAY (S 318),
AVENUE OF HONOR
TO STOCKLEY BRANCH**

CONTRACT T200511201	BRIDGE NO.	NA
COUNTY SUSSEX	DESIGNED BY: ANM	CHECKED BY: RMH

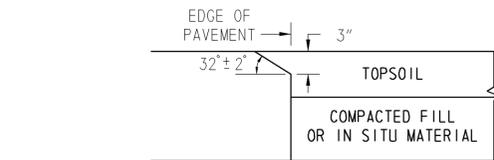
GRADES AND GEOMETRICS	SHEET NO. 25
	TOTAL SHTS. 68

COORDINATE SCHEDULE				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
50049	342+49.98	-27.00'	230445.3720	682287.6673
50050	342+49.99	-11.40'	230450.6452	682302.3497
50051	342+50.00	9.29'	230457.6377	682321.8192
50052	342+50.01	17.00'	230460.2440	682329.0761
50053	342+99.91	-10.19'	230498.1766	682286.6457
50054	343+00.09	10.07'	230504.9444	682305.7377

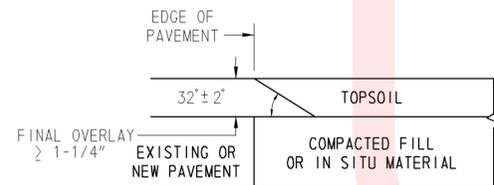


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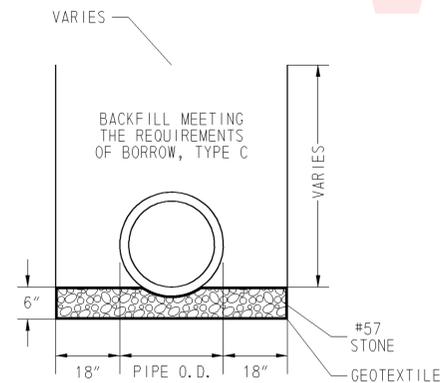


CONCRETE PAVEMENTS
NOT TO SCALE

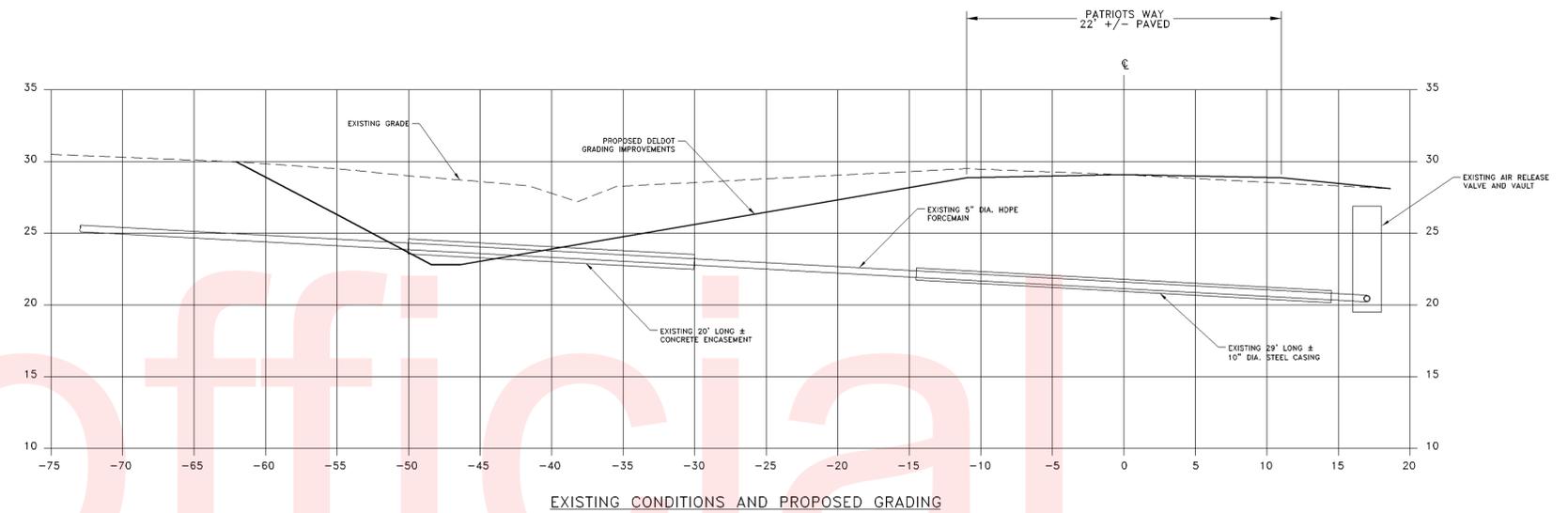


HOT-MIX PAVEMENTS AND OVERLAYS
NOT TO SCALE

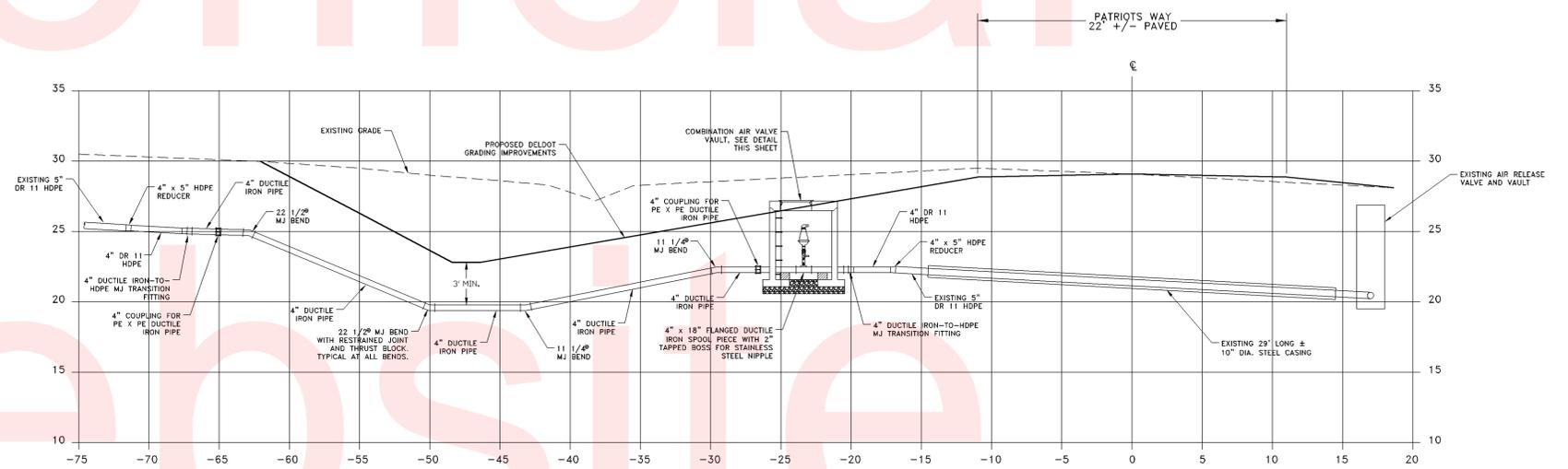
SAFETY EDGE DETAIL
NOT TO SCALE



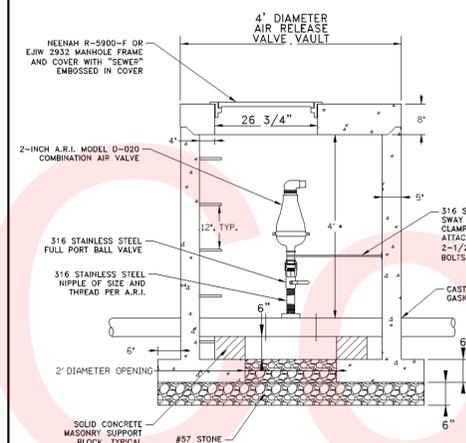
PIPE TRENCH DETAIL
SCALE



EXISTING CONDITIONS AND PROPOSED GRADING



EXISTING AND PROPOSED GRADING AND FORCEMAIN DIVERSION



AIR RELEASE VALVE VAULT DETAIL
NO SCALE
*COMPONENTS INCIDENTAL TO AIR RELEASE VALVE VAULT

GENERAL NOTES

- CONTRACTOR SHALL NOTIFY THE TOWN A MINIMUM OF 48 HOURS PRIOR TO COMMENCING CONSTRUCTION. CONTACT ERIC RUST AT 302-381-5642. CONTRACTOR SHALL ALSO NOTIFY MR. RUST PRIOR TO DISABLING EXISTING FORCEMAIN SO THAT A VALVE ON THE MAIN AT THE TREATMENT PLANT CAN BE CLOSED. THE VALVE MUST BE CLOSED TO PREVENT A POTENTIAL SIPHON FROM BEING ESTABLISHED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING VACUUM TRUCK TO ENSURE THAT HIGH SCHOOL SEWER PUMP STATION REMAINS ACTIVE WITHOUT OVERFLOWING WET WELL DURING CONSTRUCTION. SEWAGE WITHDRAWN FROM WET WELL SHALL BE DISPOSED OF IN ACCORDANCE WITH DNREC REGULATIONS.
- DUCTILE IRON PIPE SHALL BE CLASS 52. HDPE PIPE SHALL BE DR 11.
- FITTINGS ON DUCTILE IRON PIPE SHALL INCLUDE EBBA IRON, INC. SERIES 1100 MEGA LUG JOINT RESTRAINTS, OR EQUAL MANUFACTURED BY ROMAC INDUSTRIES, INC. PLAIN END (PE) x PE COUPLING SHALL BE AS MANUFACTURED BY DRESSER OR ROMAC INDUSTRIES, INC.
- HDPE MECHANICAL JOINT ADAPTERS WITH COLLARS, AS MANUFACTURED BY GEORG FISHER PLASTICS, LLC, OR EQUAL, SHALL BE BUTT FUSED TO HDPE TO TRANSITION TO DUCTILE IRON PIPE. ADAPTERS SHALL BE RESTRAINED TO DUCTILE IRON PIPE WITH THE APPROPRIATE EBBA IRON, INC., OR ROMAC INDUSTRIES, INC. RESTRAINTS.

SANITARY SEWER SYSTEM - ITEM 753516
NOT TO SCALE

DESIGN DISCLAIMER

THE SEWER MAIN ADJUSTMENT DESIGN PROVIDED HERE BY DAVIS, BOWEN & FRIEDEL, INC. IS LIMITED TO THE PROPOSED SEWER MAIN CONFIGURATION AND THE ASSOCIATED CONSTRUCTION NOTES. BACKGROUND INFORMATION AND DETAILS ON THIS DRAWING WERE PROVIDED BY DELDOT.

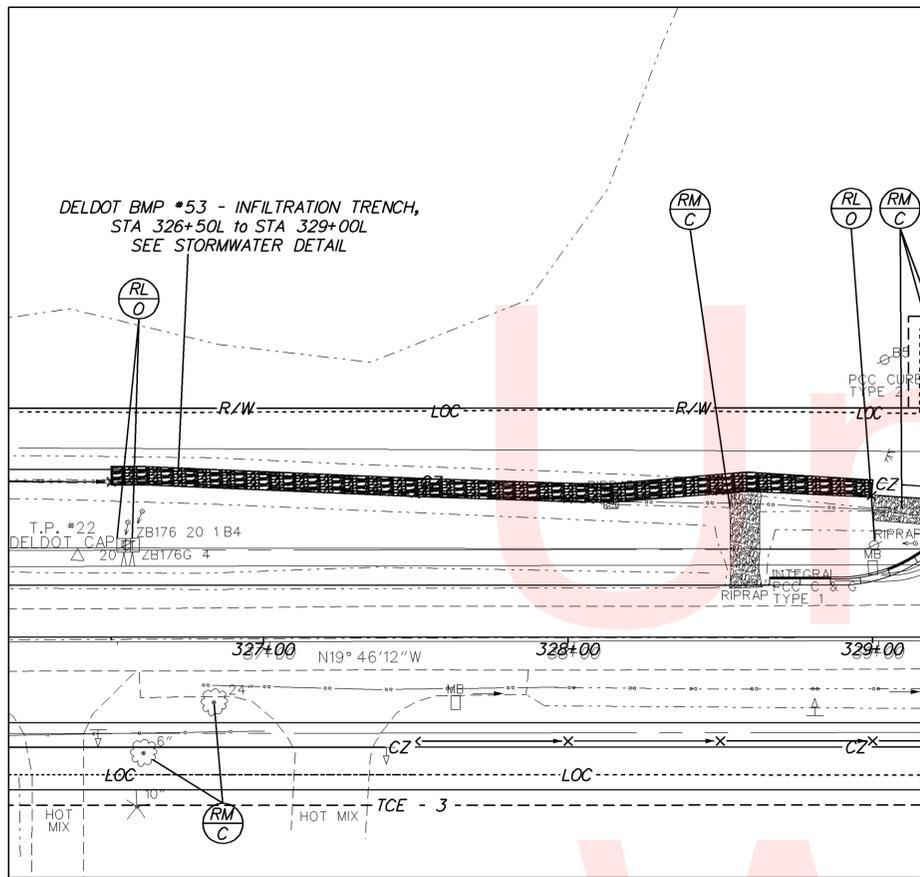
SEWER MAIN ADJUSTMENT
PREPARED BY
THE CONSULTING FIRM OF
DAVIS, BOWEN & FRIEDEL, INC.



RECOMMENDED
E.A. Rust

4/23/15
DATE

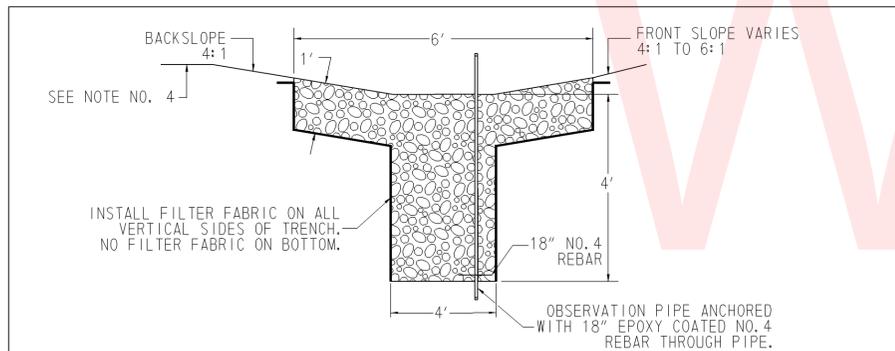
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INFILTRATION TRENCH CONSTRUCTION SEQUENCE (PHASE 1)

BEFORE CONSTRUCTION OF THE INFILTRATION TRENCH, ALL AREAS DRAINING TO THE TRENCH MUST BE AT FINAL GRADE AND STABILIZED. ABSOLUTELY NO EQUIPMENT SHALL BE IN THE ACTUAL TRENCH AREA ONCE CONSTRUCTION ON THE TRENCH HAS STARTED. ALL EXCAVATION WITH HEAVY EQUIPMENT SHALL BE DONE FROM THE SIDE. ALL STONE USED IN THE TRENCH SHALL CONFORM TO THE INFILTRATION STONE SPECIFICATION (ITEM 302516).

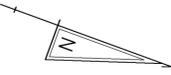
- IF AREA(S) DRAINING TO THE INFILTRATION TRENCH ARE NOT VEGETATIVELY STABILIZED, INFLOW SWALES WILL HAVE A STONE CHECK DAM PLACED 25 FEET BEFORE THE EDGE OF THE PROPOSED TRENCH OR CLOSER IF DIRECTED BY THE STORMWATER ENGINEER. OTHER INFLOW AREAS, INCLUDING SIDE SLOPES, WILL HAVE SILT FENCE INSTALLED SO THAT RUNOFF IS INTERCEPTED BEFORE ENTERING THE TRENCH AREA. TIE THE SILT FENCE INTO THE STONE CHECK DAM. THESE ITEMS WILL REMAIN UNTIL SURROUNDING VEGETATION IS ESTABLISHED.
- EXCAVATE THE TRENCH TO THE DIMENSIONS SHOWN ON THE PLANS AND SCARIFY THE BOTTOM.
- INSTALL GEOTEXTILE ON ALL TRENCH SIDES MAKING SURE TO HAVE ENOUGH EXTRA TO COVER THE TOP OF THE TRENCH COMPLETELY AFTER STONE IS PLACED AND HAVING AT LEAST 1 FOOT OF OVERLAP OF THE GEOTEXTILE. THE ONLY AREA THAT IS NOT COVERED WITH GEOTEXTILE IS THE BOTTOM.
- PLACE THE OBSERVATION WELL AS SHOWN IN THE PLANS.
- ADD #3 INFILTRATION STONE IN 1-FOOT LIFTS (MAXIMUM).
- AFTER STONE PLACEMENT, COVER THE ENTIRE TOP OF THE TRENCH WITH THE EXCESS GEOTEXTILE AND SPARINGLY SECURE WITH #3 STONE, SO GEOTEXTILE DOES NOT MOVE. CLEAN GEOTEXTILE COVER AS NEEDED TO PREVENT SEDIMENT ACCUMULATION.
- THE SAME DAY THAT THE TRENCH IS COMPLETED, PERMANENTLY STABILIZE THE DISTURBED AREA AROUND THE TRENCH WITH PERMANENT SEED - DRY GROUND (ITEM 908014) AND EROSION CONTROL BLANKET (ITEM 908020 AND AS IN ACCORDANCE WITH THE APPROVED PRODUCT LIST).
- AFTER ALL SURROUNDING AREAS DRAINING TO THE TRENCH HAVE SUFFICIENT VEGETATION, AS DETERMINED BY THE STORMWATER ENGINEER, ALL E&S DEVICES SHALL BE REMOVED AND THE EXCESS GEOTEXTILE REMOVED FROM THE TOP.



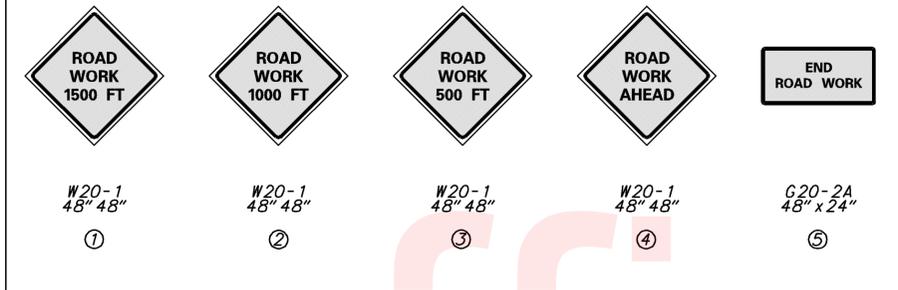
INFILTRATION TRENCH - ITEM 910009

- NOTES:
- NOT TO SCALE
- TOP OF BACK SLOPE SHALL BE GRADED TO PROMOTE SHEET FLOW OF RUNOFF AND ELIMINATE ANY CONCENTRATION OF FLOW FROM THE SIDE.
 - FILTER FABRIC SHALL BE MIRAFI 140N, LINO GTF 130D, AMOCO 4545 OR APPROVED EQUAL IN ACCORDANCE WITH SECTION 827.04 OF THE STANDARD SPECIFICATIONS.
 - FOR THE #3 STONE USED IN TRENCH, REFER TO SECTIONS 805 AND 813 OF THE STANDARD SPECIFICATIONS FOR MATERIAL AND GRADATION REQUIREMENTS. ALL INFILTRATION STONE WILL BE WASHED, FREE OF STONE DUST, FINES, OR PARTICLES AND HAVE A MAXIMUM OF 2.0% PASSING THE #200 SIEVE WHEN TESTING ACCORDING TO AASHTO T11. CRUSHED CONCRETE AND/OR ASPHALT PAVEMENT (RAP) SHALL NOT BE USED FOR THIS PURPOSE.
 - OBSERVATION WELL IS MADE OF 6" DIAMETER SCHEDULE 40 PVC WITH 4 ROWS OF 3/8" HOLES, EVENLY SPACED AROUND THE PIPE AND 6" ON CENTER VERTICALLY. IT ALSO HAS A REMOVEABLE CAP ON THE TOP AND AN 18" LENGTH OF REBAR PLACED THROUGH THE PIPE AND SECURED ON THE BOTTOM TO SERVE AS AN ANCHORING SYSTEM. THE OBSERVATION WELL SHOULD EXTEND FROM THE BOTTOM OF THE TRENCH TO 1-FOOT ABOVE THE TOP STONE ELEVATION.

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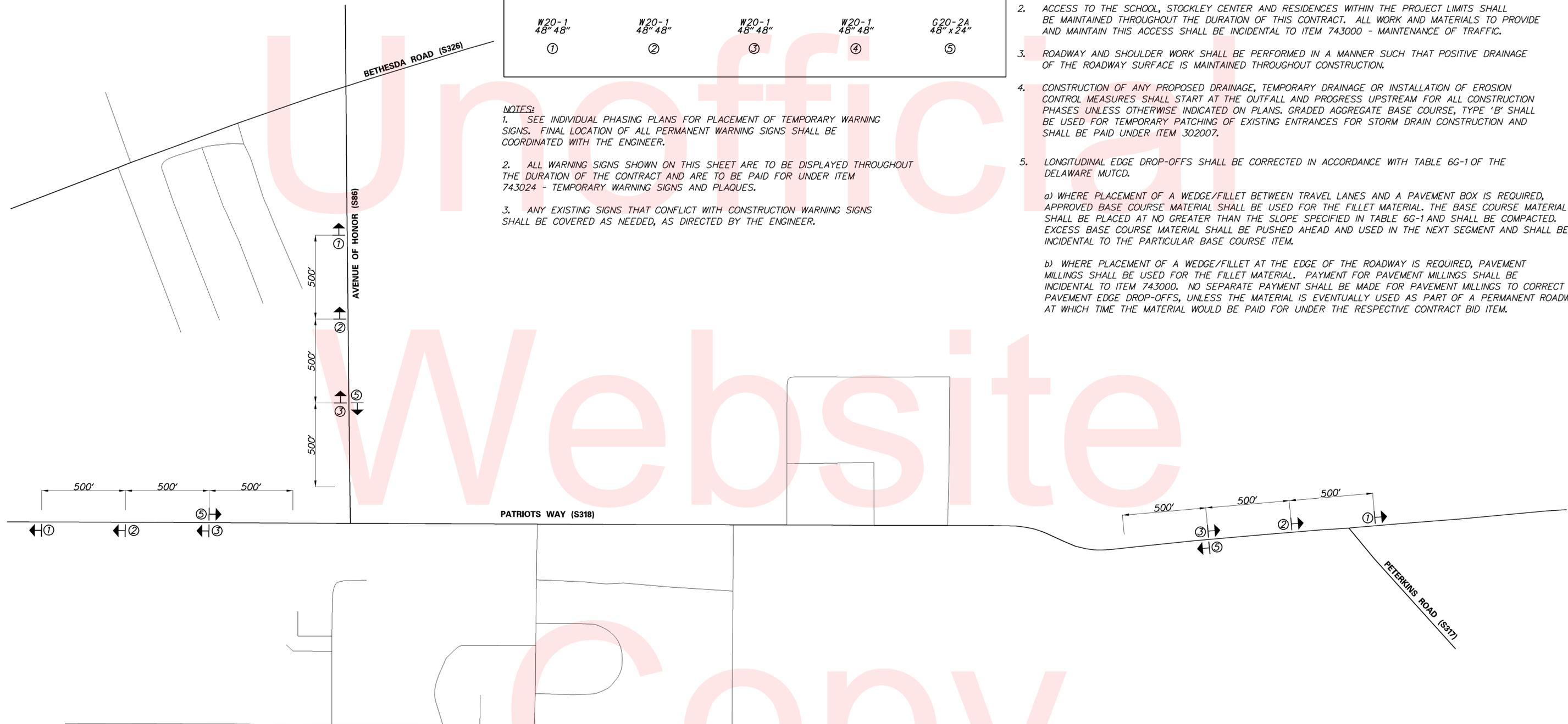
WARNING SIGN LEGEND



GENERAL MOT NOTES

1. MAINTENANCE OF TRAFFIC DURING LANE CLOSURES SHALL CONFORM TO TYPICAL APPLICATION 10 OF THE TRAFFIC CONTROL MANUAL. WHEN SCHOOL IS IN SESSION, NO LANE CLOSURES SHALL BE PERMITTED DURING ARRIVAL AND DEPARTURE TIMES FOR SCHOOL BUS TRAFFIC.
2. ACCESS TO THE SCHOOL, STOCKLEY CENTER AND RESIDENCES WITHIN THE PROJECT LIMITS SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THIS CONTRACT. ALL WORK AND MATERIALS TO PROVIDE AND MAINTAIN THIS ACCESS SHALL BE INCIDENTAL TO ITEM 743000 - MAINTENANCE OF TRAFFIC.
3. ROADWAY AND SHOULDER WORK SHALL BE PERFORMED IN A MANNER SUCH THAT POSITIVE DRAINAGE OF THE ROADWAY SURFACE IS MAINTAINED THROUGHOUT CONSTRUCTION.
4. CONSTRUCTION OF ANY PROPOSED DRAINAGE, TEMPORARY DRAINAGE OR INSTALLATION OF EROSION CONTROL MEASURES SHALL START AT THE OUTFALL AND PROGRESS UPSTREAM FOR ALL CONSTRUCTION PHASES UNLESS OTHERWISE INDICATED ON PLANS. GRADED AGGREGATE BASE COURSE, TYPE 'B' SHALL BE USED FOR TEMPORARY PATCHING OF EXISTING ENTRANCES FOR STORM DRAIN CONSTRUCTION AND SHALL BE PAID UNDER ITEM 302007.
 - a) WHERE PLACEMENT OF A WEDGE/FILLET BETWEEN TRAVEL LANES AND A PAVEMENT BOX IS REQUIRED, APPROVED BASE COURSE MATERIAL SHALL BE USED FOR THE FILLET MATERIAL. THE BASE COURSE MATERIAL SHALL BE PLACED AT NO GREATER THAN THE SLOPE SPECIFIED IN TABLE 6G-1 AND SHALL BE COMPACTED. EXCESS BASE COURSE MATERIAL SHALL BE PUSHED AHEAD AND USED IN THE NEXT SEGMENT AND SHALL BE INCIDENTAL TO THE PARTICULAR BASE COURSE ITEM.
 - b) WHERE PLACEMENT OF A WEDGE/FILLET AT THE EDGE OF THE ROADWAY IS REQUIRED, PAVEMENT MILLINGS SHALL BE USED FOR THE FILLET MATERIAL. PAYMENT FOR PAVEMENT MILLINGS SHALL BE INCIDENTAL TO ITEM 743000. NO SEPARATE PAYMENT SHALL BE MADE FOR PAVEMENT MILLINGS TO CORRECT PAVEMENT EDGE DROP-OFFS, UNLESS THE MATERIAL IS EVENTUALLY USED AS PART OF A PERMANENT ROADWAY, AT WHICH TIME THE MATERIAL WOULD BE PAID FOR UNDER THE RESPECTIVE CONTRACT BID ITEM.
5. LONGITUDINAL EDGE DROP-OFFS SHALL BE CORRECTED IN ACCORDANCE WITH TABLE 6G-1 OF THE DELAWARE MUTCD.

- NOTES:**
1. SEE INDIVIDUAL PHASING PLANS FOR PLACEMENT OF TEMPORARY WARNING SIGNS. FINAL LOCATION OF ALL PERMANENT WARNING SIGNS SHALL BE COORDINATED WITH THE ENGINEER.
 2. ALL WARNING SIGNS SHOWN ON THIS SHEET ARE TO BE DISPLAYED THROUGHOUT THE DURATION OF THE CONTRACT AND ARE TO BE PAID FOR UNDER ITEM 743024 - TEMPORARY WARNING SIGNS AND PLAQUES.
 3. ANY EXISTING SIGNS THAT CONFLICT WITH CONSTRUCTION WARNING SIGNS SHALL BE COVERED AS NEEDED, AS DIRECTED BY THE ENGINEER.



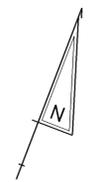
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<p>DELAWARE DEPARTMENT OF TRANSPORTATION</p>	ADDENDUMS / REVISIONS	<p>NOT TO SCALE</p>	<p>PATRIOTS WAY (S 318), AVENUE OF HONOR TO STOCKLEY BRANCH</p>	CONTRACT	BRIDGE NO.	NA	<p>CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN</p>	SHEET NO.
				T200511201	DESIGNED BY: ANM	29		
				COUNTY	CHECKED BY: RMH	TOTAL SHTS.		
				SUSSEX			68	

CONSTRUCTION PHASING LEGEND

WORK AREA THIS PHASE

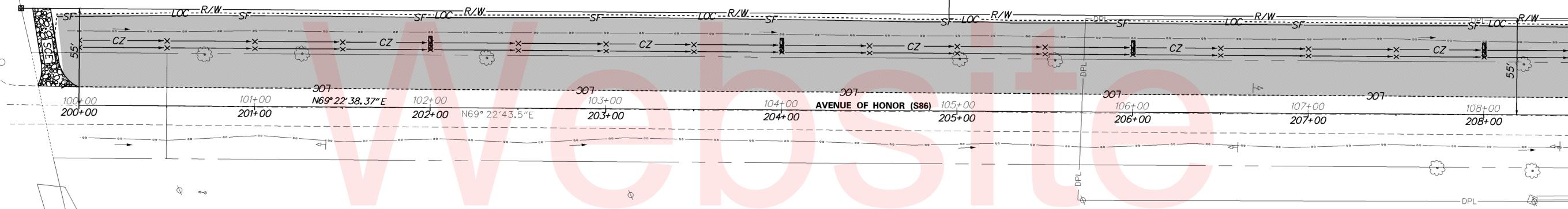
1. PLACE VARIABLE MESSAGE SIGNS ON NORTHBOUND AND SOUTHBOUND S 318 AS WELL AS EASTBOUND S 86 TEN (10) CALENDAR DAYS IN ADVANCE OF CONSTRUCTION TO INFORM TRAVELING PUBLIC OF IMPENDING ROAD WORK. MESSAGE AND LOCATION SHALL BE APPROVED BY TRAFFIC SAFETY. MESSAGE BOARDS SHALL BE PLACED FOR 5 DAYS POST CONSTRUCTION TO INFORM TRAVELLING PUBLIC OF THE NEW TRAFFIC PATTERN.
2. INSTALL PERMANENT ADVANCE WARNING SIGNS.
3. PLACE ALL E&S MEASURES AS PER THE PLAN SHEETS OR AS DIRECTED BY THE ENGINEER.
4. MAINTENANCE OF TRAFFIC DURING LANE CLOSURES SHALL CONFORM TO TYPICAL APPLICATION 10 OF THE TRAFFIC CONTROL MANUAL. WHEN SCHOOL IS IN SESSION, NO LANE CLOSURES SHALL BE PERMITTED DURING ARRIVAL AND DEPARTURE TIMES FOR SCHOOL BUS TRAFFIC.
5. REMOVE STOCKLEY CENTER DRIVEWAYS AS PER THE PLAN SHEETS.
6. REMOVE EXISTING DRAINAGE PIPES AT STA 324+50L, ALL SCHOOL ENTRANCES (ACCESS TO SCHOOL MUST BE MAINTAINED AT ALL TIMES), AT STA 343+50L, AND AT STA 344+50L. REPLACE WITH CLOSED DRAINAGE SYSTEM AS PER THE PLAN SHEETS. ITEM #30200B, GRADED AGGREGATE BASE COURSE, TYPE B, PATCHING IS TO BE USED TEMPORARILY OVER NEW PIPE SYSTEM AT SCHOOL ENTRANCES UNTIL PERMANENT PAVEMENT IS PLACED IN PHASES 2 AND 3. ITEM #30200B SHALL ALSO BE UTILIZED IN THE AREAS WHERE EXISTING PIPES ARE REMOVED.
7. EXCAVATE DITCHES AND SWALES. THE SEWER ADJUSTMENT AT STA 344+00L SHALL BE PERFORMED CONCURRENTLY. REFER TO THE CONSTRUCTION DETAILS.
8. STABILIZE NEW DITCHES AND SWALES.
9. CONSTRUCT INFILTRATION TRENCH ACCORDING TO STORMWATER MANAGEMENT PLAN.



1-33-11.00-105.00
INDIAN RIVER SCHOOL DISTRICT
D.B. 02629, P.G. 050-051

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MATCHLINE STA. 208+50

1-33-7.00-8.00
DELAWARE, STATE OF
D.B. 293, P.G. 14-15

1-R B

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<p>DELAWARE DEPARTMENT OF TRANSPORTATION</p>	ADDENDUMS / REVISIONS		<p>SCALE</p> <p>FEET</p>	<p>PATRIOTS WAY (S 318), AVENUE OF HONOR TO STOCKLEY BRANCH</p>	CONTRACT	BRIDGE NO.	<p>NA</p>	<p>CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 1</p>	SHEET NO.
	25-112-01				DESIGNED BY: ANM	30			
	COUNTY				CHECKED BY: RMH	TOTAL SHTS.			
	SUSSEX					68			

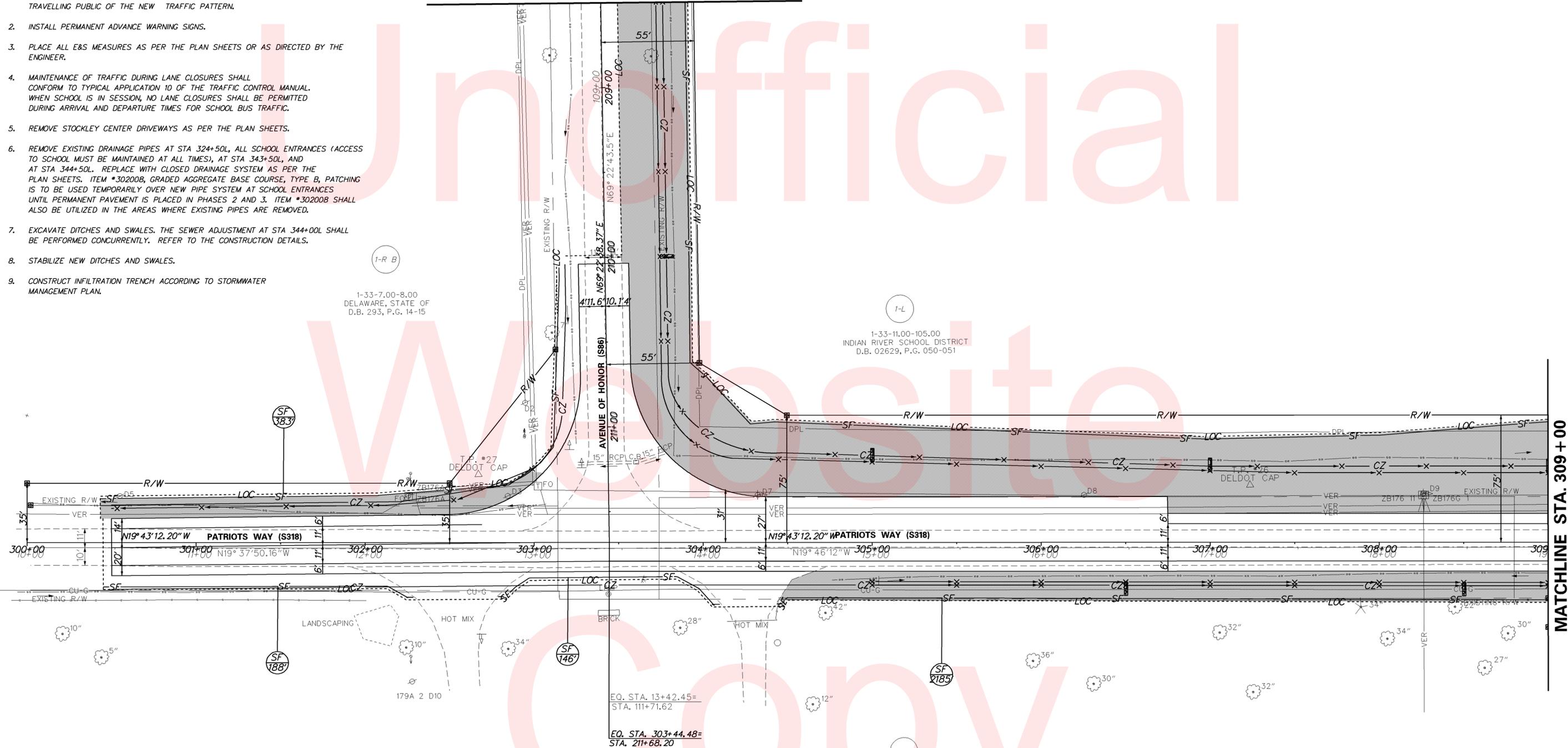
CONSTRUCTION PHASING LEGEND

WORK AREA THIS PHASE

1. PLACE VARIABLE MESSAGE SIGNS ON NORTHBOUND AND SOUTHBOUND S 318 AS WELL AS EASTBOUND S 86 TEN (10) CALENDAR DAYS IN ADVANCE OF CONSTRUCTION TO INFORM TRAVELING PUBLIC OF IMPENDING ROAD WORK. MESSAGE AND LOCATION SHALL BE APPROVED BY TRAFFIC SAFETY. MESSAGE BOARDS SHALL BE PLACED FOR 5 DAYS POST CONSTRUCTION TO INFORM TRAVELLING PUBLIC OF THE NEW TRAFFIC PATTERN.
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7. EXCAVATE DITCHES AND SWALES. THE SEWER ADJUSTMENT AT STA 344+00L SHALL BE PERFORMED CONCURRENTLY. REFER TO THE CONSTRUCTION DETAILS.
8. STABILIZE NEW DITCHES AND SWALES.
9. CONSTRUCT INFILTRATION TRENCH ACCORDING TO STORMWATER MANAGEMENT PLAN.



MATCHLINE STA. 208 + 50



MATCHLINE STA. 309 + 00

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ADDENDUMS / REVISIONS



CONTRACT	BRIDGE NO.	NA
T200511201	DESIGNED BY: ANM	
COUNTY	CHECKED BY: RMH	
SUSSEX		

SHEET NO.	31
TOTAL SHTS.	68

CONSTRUCTION PHASING LEGEND

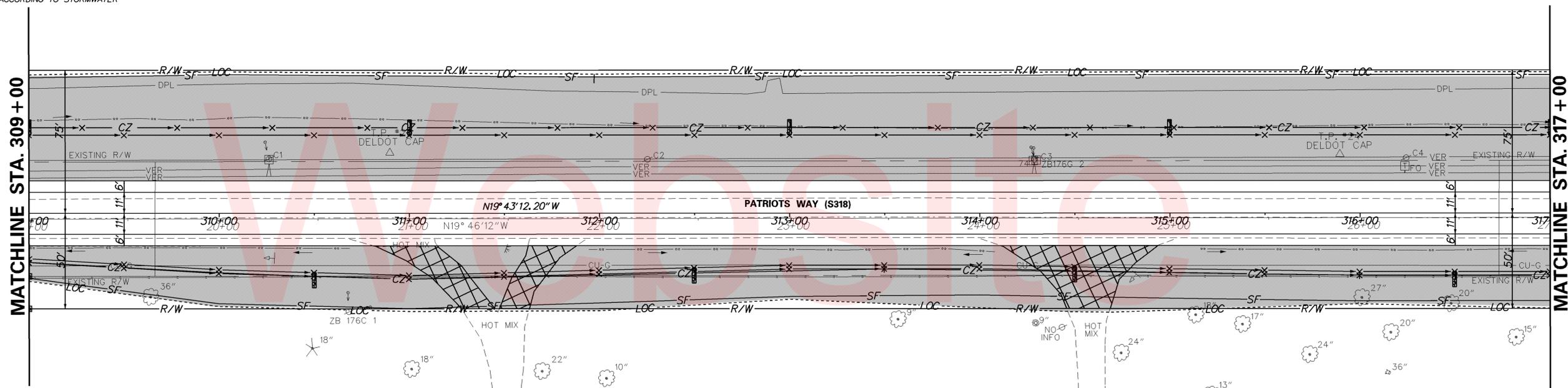
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INDIAN RIVER SCHOOL DISTRICT
D.B. 02629, P.G. 050-051

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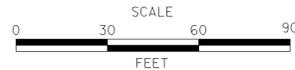
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DELAWARE, STATE OF
D.B. 293, P.G. 14-15

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**DELAWARE
DEPARTMENT OF TRANSPORTATION**

ADDENDUMS / REVISIONS



**PATRIOTS WAY (S 318),
AVENUE OF HONOR
TO STOCKLEY BRANCH**

CONTRACT	BRIDGE NO.	NA
T200511201	DESIGNED BY: ANM	
COUNTY	CHECKED BY: RMH	
SUSSEX		

**CONSTRUCTION PHASING,
M.O.T., AND EROSION
CONTROL PLAN - PHASE 1**

SHEET NO.	32
TOTAL SHTS.	68

CONSTRUCTION PHASING LEGEND

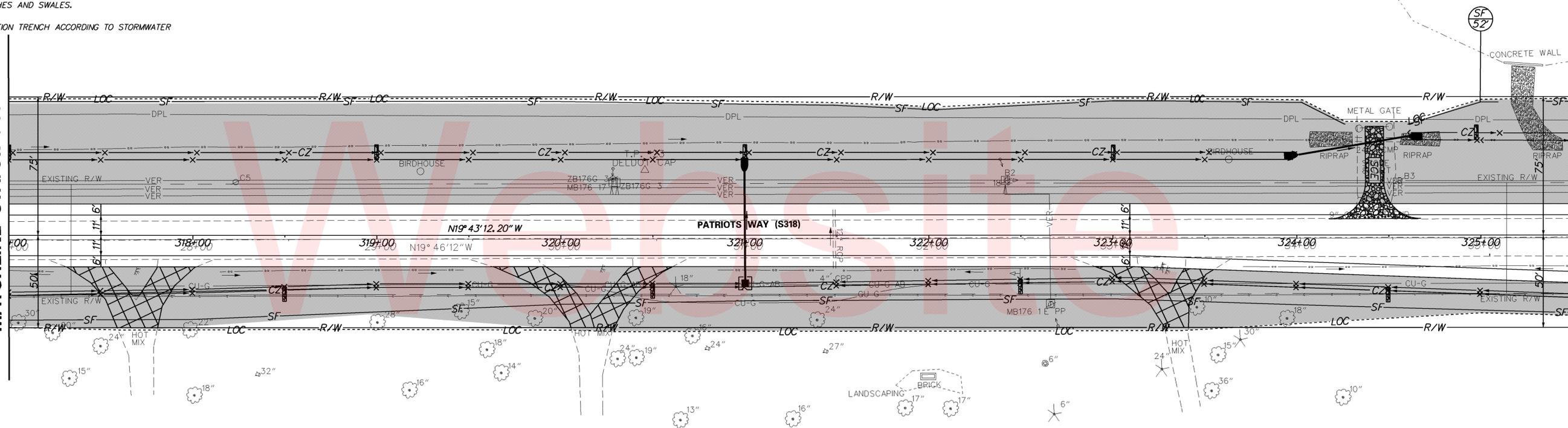
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8. STABILIZE NEW DITCHES AND SWALES.
9. CONSTRUCT INFILTRATION TRENCH ACCORDING TO STORMWATER MANAGEMENT PLAN.

1-33-11.00-105.00
 INDIAN RIVER SCHOOL DISTRICT
 D.B. 02629, P.G. 050-051

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MATCHLINE STA. 317+00



MATCHLINE STA. 325+50

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1-33-7.00-8.00
 DELAWARE, STATE OF
 D.B. 293, P.G. 14-15

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ADDENDUMS / REVISIONS



**PATRIOTS WAY (S 318),
 AVENUE OF HONOR
 TO STOCKLEY BRANCH**

CONTRACT	BRIDGE NO.	NA
T200511201	DESIGNED BY:	ANM
COUNTY	CHECKED BY:	RMH
SUSSEX		

**CONSTRUCTION PHASING,
 M.O.T., AND EROSION
 CONTROL PLAN - PHASE 1**

SHEET NO.	33
TOTAL SHTS.	68

CONSTRUCTION PHASING LEGEND

WORK AREA THIS PHASE

1. PLACE VARIABLE MESSAGE SIGNS ON NORTHBOUND AND SOUTHBOUND S 318 AS WELL AS EASTBOUND S 86 TEN (10) CALENDAR DAYS IN ADVANCE OF CONSTRUCTION TO INFORM TRAVELING PUBLIC OF IMPENDING ROAD WORK. MESSAGE AND LOCATION SHALL BE APPROVED BY TRAFFIC SAFETY. MESSAGE BOARDS SHALL BE PLACED FOR 5 DAYS POST CONSTRUCTION TO INFORM TRAVELLING PUBLIC OF THE NEW TRAFFIC PATTERN.
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1-33-11.00-105.00
INDIAN RIVER SCHOOL DISTRICT
D.B. 02629, P.G. 050-051

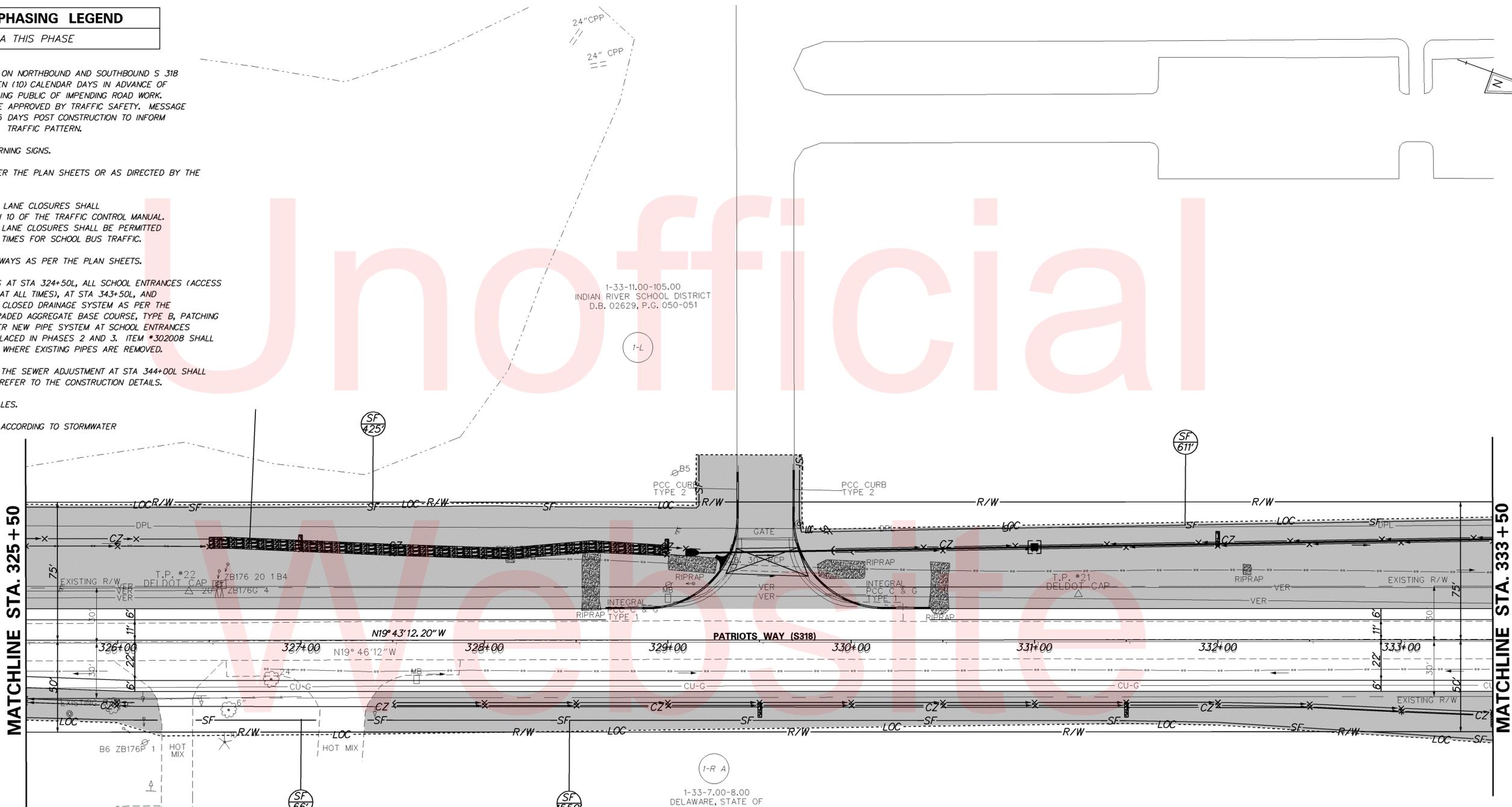
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SF 425

SF 611

MATCHLINE STA. 325 + 50

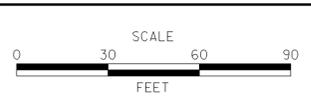
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1-33-7.00-8.00
DELAWARE, STATE OF
D.B. 293, P.G. 14-15

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ADDENDUMS / REVISIONS



PATRIOTS WAY (S 318), AVENUE OF HONOR TO STOCKLEY BRANCH

CONTRACT T200511201	BRIDGE NO. NA
COUNTY SUSSEX	DESIGNED BY: ANM CHECKED BY: RMH

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 1

SHEET NO. 34
TOTAL SHTS. 68