

THE STATE OF DELAWARE DEPARTMENT OF TRANSPORTATION

U.S. CUSTOMARY
UNITS



CONSTRUCTION PLANS FOR:

JAMISON CORNER ROAD, RELOCATED AT BOYDS CORNER ROAD

CONTRACT NUMBER: T200912002
FEDERAL AID PROJECT NUMBER: N/A

COUNTY: NEW CASTLE M.R. #: N413

DESIGN DESIGNATION

FUNCTIONAL CLASS: MAJOR COLLECTOR	D.H.V. PROJECTED: 2600	YEAR: 2030
TYPE OF CONSTRUCTION: NEW CONSTRUCTION	DESIGN SPEED: 45 M.P.H.	
A.A.D.T. CURRENT: 200	YEAR: 2006	TRUCKS: 4.0 %
A.A.D.T. PROJECTED: 20,000	YEAR: 2030	DIRECTION OF DISTRIBUTION: 60.9 %

INDEX OF SHEETS

SHEET NO	TITLE
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TOTAL SHEETS: 123

APPROVED DESIGN EXCEPTIONS

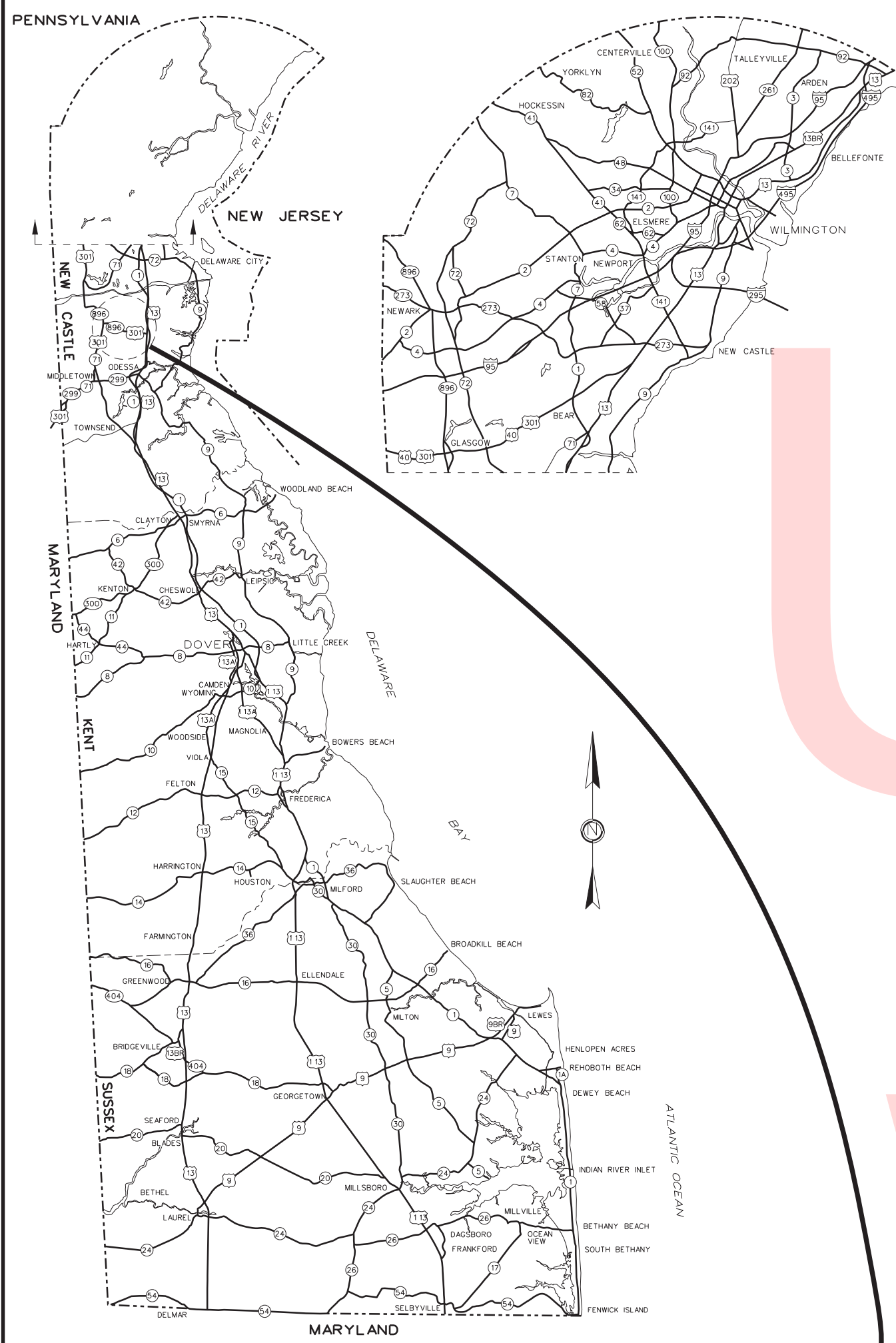
DESIGN PARAMETER	REQUIRED	PROVIDED	DATE

ADDENDA & REVISIONS

DESCRIPTION	NAME & DATE

ASSOCIATED CONTRACTS

CONTRACT NO.	CONTRACT NAME
24-041-04	BOYDS CORNER INTERSECTION IMPROVEMENTS
27-120-02	BOYDS CORNER ROAD, CEDAR LANE TO US 13
27-120-03	JAMISON CORNER ROAD IMPROVEMENTS FROM BOYDS CORNER ROAD TO HYETTS CORNER ROAD
66-01-008	ROUTE 896 TO BOYDS CORNER ROAD
86-061-19	ROUTE 15, MOUNT PLEASANT TO U.S. 13

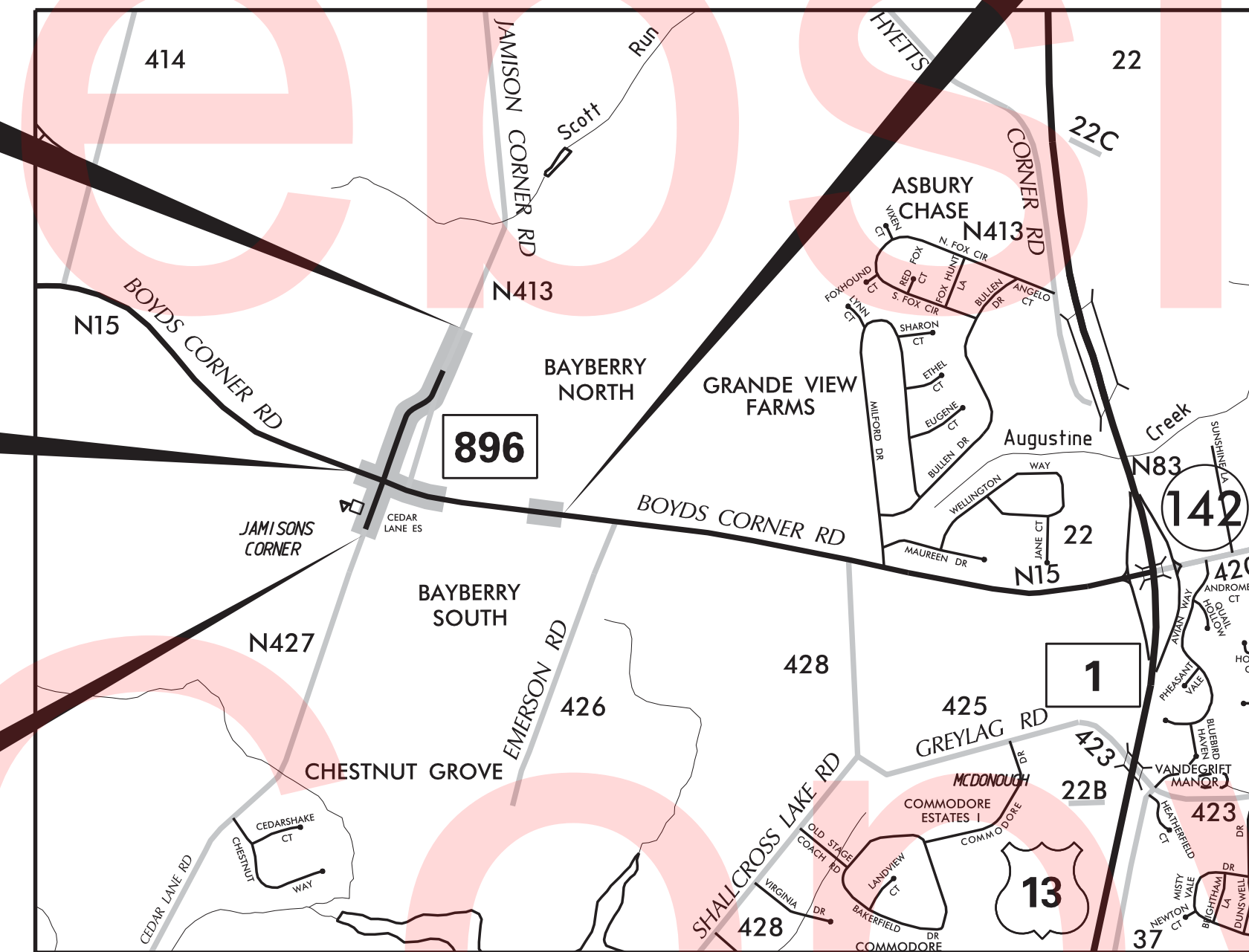


GENERAL LOCATION OF CONTRACT

END
CONTRACT T200912002
STATION 354 + 50

LIMIT OF CONSTRUCTION
CONTRACT T200912002
STATION 1027 + 50

BEGIN
CONTRACT T200912002
STATION 324 + 90



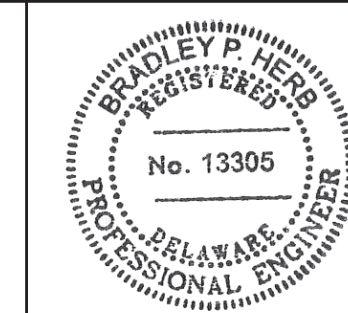
LOCATION MAP

SCALE: N. T. S.

PREPARED BY
THE CONSULTING FIRM OF



JOHNSON, MIRMIAN & THOMPSON
Engineering A Brighter Future®
121 Continental Drive, Suite 300 Newark, DE 19713



SEAL

Bradley P. Heston
RECOMMENDED

02/15/2017
DATE

RECOMMENDED

Pat Murchland
SQUAD MANAGER, CONSTRUCTION

03/16/2017
DATE

John F. Zick
GROUP ENGINEER, CONSTRUCTION

03/16/2017
DATE

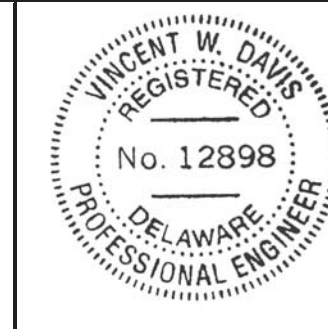
Jim A. Frazier
ASSISTANT DIRECTOR, TRANSPORTATION SOLUTIONS
(CONSTRUCTION)

03/16/2017
DATE

RECOMMENDED

Vincent W. Davis
STORMWATER ENGINEER

DATE 03/15/2017

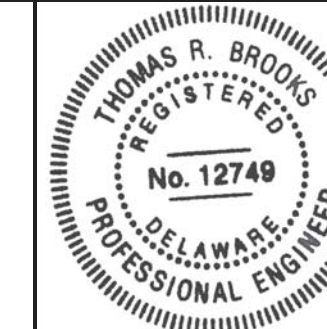


SEAL

RECOMMENDED

Alan R. Brink
SQUAD MANAGER, TRANSPORTATION SOLUTIONS
(PROJECT DEVELOPMENT OR BRIDGE DESIGN)

DATE 03/07/2017



SEAL

RECOMMENDED

John J. ...
BRIDGE DESIGN ENGINEER

DATE 04/26/2017

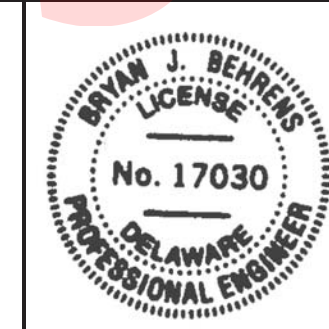


SEAL

RECOMMENDED

John R. ...
GROUP ENGINEER, PROJECT DEVELOPMENT

DATE 04/27/2017

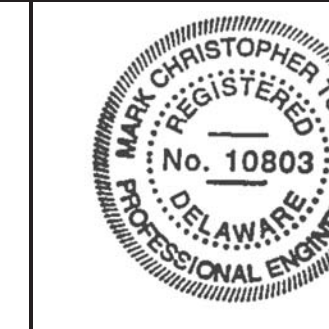


SEAL

RECOMMENDED

Mark C. ...
ASSISTANT DIRECTOR,
TRANSPORTATION SOLUTIONS

DATE 04/27/2017



SEAL

APPROVED

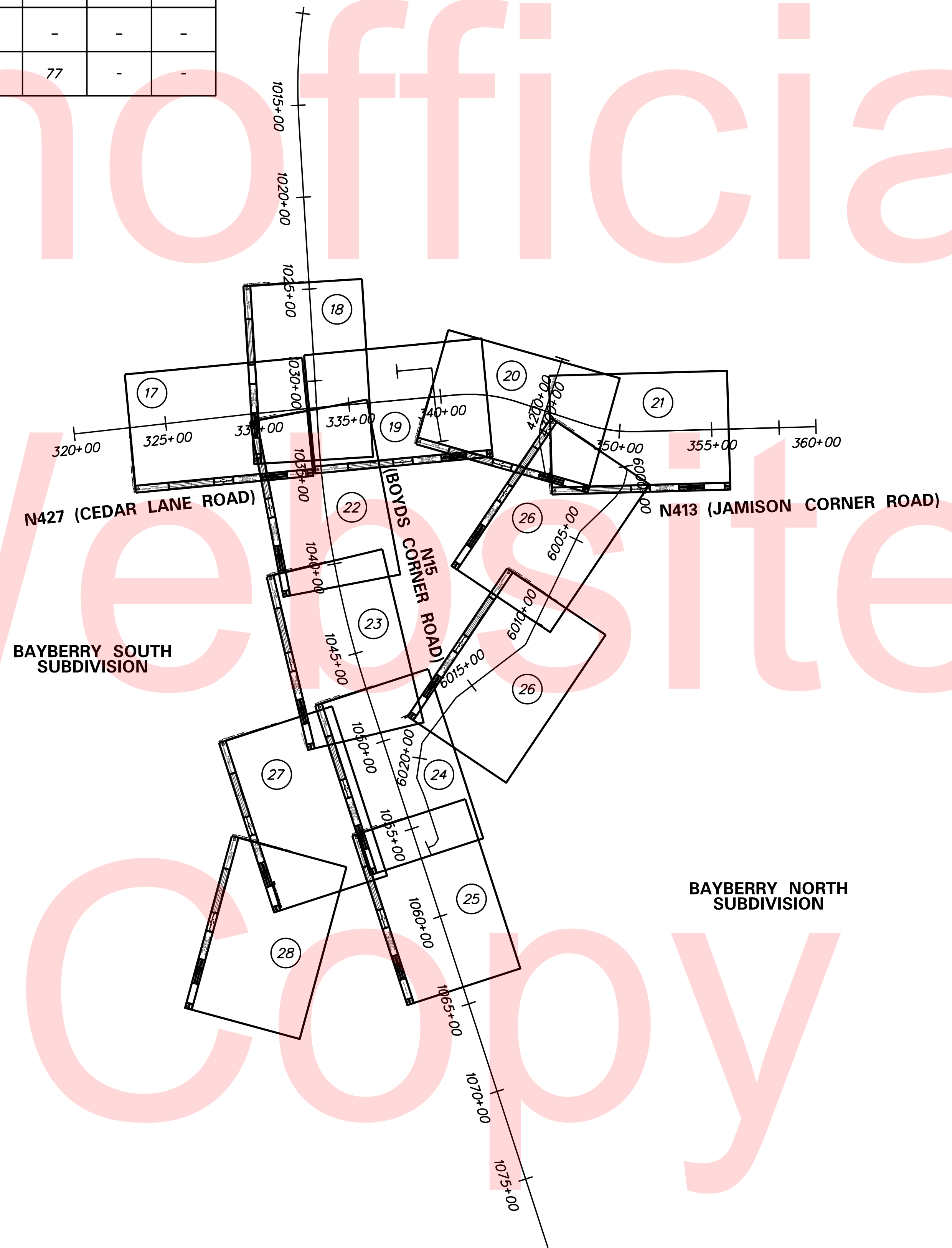
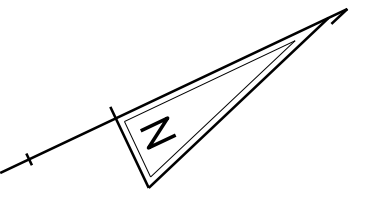
Robert Brian McClary
CHIEF ENGINEER

DATE 04/27/2017



SEAL

PLAN SHEET INDEX CROSS REFERENCE												
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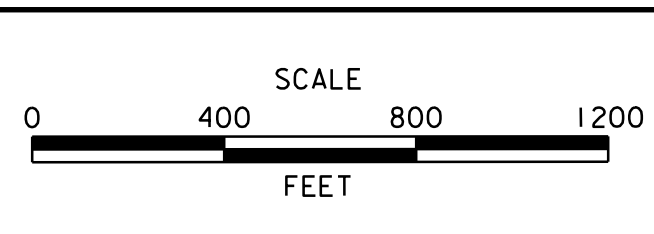


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PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\ISO1.DGN [SHEET: ISO1]



ADDENDUMS / REVISIONS	



**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

CONTRACT	BRIDGE NO.	
T200912002	DESIGNED BY:	WJD
COUNTY	CHECKED BY:	BPH
NEW CASTLE		

PLAN SHEET INDEX	SHEET NO.
	2
	TOTAL SHTS.
	123

EXISTING SYMBOLS

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

SURVEY CONTROL & MONUMENTATION	
B.M.	SURVEY BENCHMARK LOCATION
T.P.	SURVEY TIE POINT LOCATION
△	SURVEY TRAVERSE POINT
⊙	POINT OF CURVATURE OR TANGENCY
⊙	POINT OF INTERSECTING TANGENTS
C.M.	PROPERTY MARKER - CONCRETE MON.
I.P.	PROPERTY MARKER - IRON PIPE

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

UTILITY	
	SOIL BORING LOCATION
	UTILITY TEST HOLE LOCATION
	CABLE TV DISTRIBUTION BOX
	ELECTRIC MANHOLE
	ELECTRIC TRANSFORMER
	POLE MOUNTED LUMINAIRE
	GAS MANHOLE
	GAS METER
	GAS VALVE
	GAS PUMP - SERVICE STATION

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

UTILITY COMPANY FACILITIES	
	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

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

UTILITY COMPANY FACILITIES	
	VERIZON TELEPHONE
	DELMARVA POWER (ELECTRIC)
	DELMARVA POWER (GAS)
	ARTESIAN (WATER)
	NEW CASTLE COUNTY (SEWER)
	ATLANTIC BROADBAND
	DELDOT SIGNAL CONDUIT
	CHESAPEAKE UTILITY - GAS

PROPOSED SYMBOLS

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

EROSION & SEDIMENT CONTROL	
	DEWATERING BASIN
	EROSION CONTROL BLANKET
	EARTH DIKE
	INLET SEDIMENT CONTROL
	PERIMETER DIKE/SWALE
	PORTABLE SEDIMENT TANK
	REINFORCED SILT FENCE
	SANDBAG DIKE
	SANDBAG DIVERSION
	STONE CHECK DAM
	STABILIZED CONSTRUCTION ENTRANCE
	SILT FENCE
	SEDIMENT TRAP
	SEDIMENT TRAP WITH INLET AS OUTLET
	SEDIMENT TRAP PIPE OUTLET
	SKIMMER DEWATERING DEVICE
	TEMPORARY SWALE
	TEMPORARY SLOPE DRAIN

PAVEMENT SECTION(S)	
	FULL DEPTH PAVEMENT SECTION
	HOT-MIX OVERLAY PAVEMENT SECTION
	RESIDENTIAL/COMMERCIAL DRIVEWAY PAVEMENT SECTION

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

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
	CURB RAMP - WITHOUT SIDEWALK SURFACE DETECTABLE WARNING SYSTEM
	DRAINAGE INLET
	DO NOT DISTURB
	FLARED END SECTION
	FILTRATION STRUCTURE
	GUARDRAIL
	JUNCTION BOX
	LANDSCAPE PLANTINGS
	MANHOLE
	MONUMENT - RIGHT-OF-WAY
	OUTFALL STRUCTURE
	PIPE
	RELOCATE BY CONTRACTOR
	RELOCATE BY OTHERS
	REMOVE BY CONTRACTOR
	REMOVE BY OTHERS
	SEDIMENT TRAP
	SILT FENCE
	TEMPORARY SWALE
	UNDERDRAIN
	UNDERDRAIN CLEANOUT

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

TRAFFIC	
	ITMS CONDUIT
	SIGNAL CONDUIT
	CONDUIT JUNCTION WELL
	LUMINAIRE
	PAVEMENT MARKINGS
	PAVEMENT STRIPING
	TRAFFIC SIGN - BY STATE FORCES

UTILITY COMPANY FACILITIES	
	VERIZON TELEPHONE
	DELMARVA POWER (ELECTRIC)
	DELMARVA POWER (GAS)
	ARTESIAN (WATER)
	NEW CASTLE COUNTY (SEWER)
	ATLANTIC BROADBAND
	DELDOT SIGNAL CONDUIT
	VERIZON TELEPHONE PEDESTAL

MISCELLANEOUS	
	BOLLARD
	FLEXIPOST
	WATER - FIRE HYDRANT
	WATER VALVE
	REMOVAL OF EXISTING PAVEMENT (OUTSIDE LIMITS OF PAVEMENT TEMPLATE) SEE STORMWATER MANAGEMENT PLANS
	REMOVAL OF EXISTING PAVEMENT (OUTSIDE LIMITS OF NEW PAVEMENT TEMPLATE) TOPSOIL, SEED & MULCH
	HEADWALL
	COG DRAINAGE INLET
	RIPRAP

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
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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	CONTRACTOR ESC SUPERVISOR REQUIREMENT
() 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.
(X) MAJOR	CERTIFIED CONSTRUCTION REVIEWER (CCR), AS DEFINED IN SECTION 6.3 OF THE DELAWARE SEDIMENT AND STORMWATER REGULATIONS.

- 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.
(X)	EXISTING DIGITAL TERRAIN MODEL, IN .DTM FILE FORMAT, COMPATIBLE WITH SOFTWARE CURRENTLY USED BY DELDOT.
(X)	PROPOSED DIGITAL TERRAIN MODEL, IN .DTM FILE FORMAT, COMPATIBLE WITH SOFTWARE CURRENTLY USED BY DELDOT.
(X)	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
(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 27.9 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.
- ITEMS TO BE REMOVED UNDER ITEM 211000 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING:
 - INLETS
 - MANHOLES
 - JUNCTION WELLS
 - CONCRETE MONUMENTS
 - CABINET FOUNDATIONS
 - IRON PINS/PIPES
 - CONCRETE MONUMENTS
- SEVERAL ACTIVE UNDERGROUND UTILITY FACILITIES EXIST IN CLOSE PROXIMITY TO THE EXCAVATION LIMITS OF THIS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING AND/OR SUPPORTING ALL ACTIVE UTILITIES WITHIN THE PROJECT LIMITS. THE CONTRACTOR IS FOREWARNED THAT BURIED UTILITIES MAY NEED TO BE PROTECTED FROM CONSTRUCTION EQUIPMENT WHILE THE CONTRACTOR IS EXCAVATING ON THIS CONTRACT. THE COST FOR PROTECTING AND SUPPORTING ACTIVE UTILITIES IS INCIDENTAL TO THE CONTRACTOR'S EXCAVATION ITEMS.

SECTION 400

- THE PAVEMENT SECTION FOR FLEXIBLE PAVEMENT RESIDENTIAL DRIVEWAYS SHALL BE 2" BITUMINOUS CONCRETE, TYPE 'C' OVER 8" GRADED AGGREGATE BASE COURSE, TYPE 'B', UNLESS OTHERWISE NOTED ON THE PLANS.
- THE PAVEMENT SECTION FOR THE NEW CASTLE PRESBYTERY PARCEL (2-L) ACCESS SHALL BE 2" BITUMINOUS CONCRETE, TYPE 'C' OVER 3" BITUMINOUS CONCRETE, TYPE 'B' OVER 10" GRADED AGGREGATE BASE COURSE, TYPE 'B' (2 EQUAL LIFTS).

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

- PORTLAND CEMENT CONCRETE CHANNELIZING ISLANDS THAT ARE LESS THAN 75 SQ FT MAY BE POURED MONOLITHICALLY, OR AS DIRECTED BY THE ENGINEER.
- 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.
- THE NEW CASTLE COUNTY DEPARTMENT OF PUBLIC WORKS SHALL SUPPLY AND THE STATE'S CONTRACTOR SHALL INSTALL NEW SELF SEALING MANHOLE FRAMES AND COVERS ON ALL COUNTY SEWER MANHOLES THAT ARE NOT BEING RELOCATED, WITHIN THE PROJECT LIMITS IN ACCORDANCE WITH THE COUNTY'S STANDARD SPECIFICATIONS. THE EXISTING MANHOLE FRAMES AND COVERS THAT ARE REMOVED SHALL BECOME THE PROPERTY OF THE STATE'S CONTRACTOR. PAYMENT SHALL BE INCIDENTAL TO ITEM 710506 - ADJUST AND REPAIR EXISTING SANITARY SEWER MANHOLE.
- THE CONTRACTOR SHALL DELIVER ALL EXCESS MILLED MATERIAL TO THE DELAWARE DEPARTMENT OF TRANSPORTATION'S MIDDLETOWN MAINTENANCE YARD. THE MATERIAL SHALL BE NEATLY STOCKPILED AT THE YARD. COSTS FOR THIS WORK SHALL BE INCIDENTAL TO ITEM 760000 - PAVEMENT-MILLING, HOT-MIX
- 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.

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 TEAM SUPPORT 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

- THERE ARE NO ENVIRONMENTAL PERMITS ASSOCIATED WITH THIS PROJECT. AS SUCH, AN ENVIRONMENTAL COMPLIANCE SHEET WAS NOT PREPARED.
- DELDOT'S TRAFFIC CONSTRUCTION GROUP (302-659-2000) SHALL BE RESPONSIBLE FOR ADJUSTING TRAFFIC SIGNAL HEADS DUE TO CONSTRUCTION PHASING, AND FURNISHING, INSTALLING, AND SPlicing SIGNAL CABLES. THE CONTRACTOR SHALL FURNISH AND INSTALL OR REMOVE CONDUITS, JUNCTION WELLS, AND LOOP DETECTORS AS SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH THE DELDOT SIGNAL CONSTRUCTION GROUP REGARDING SIGNAL APPURTENANCE INSTALLATION, SIGNAL HEAD ADJUSTMENTS, SIGNAL TIMING, CABLE INSTALLATION, AND MAINTAINING A FULLY OPERATIONAL SIGNALIZED INTERSECTION.
- SINCE THE PROJECT IS ANTICIPATED TO EXTEND OVER A WINTER PERIOD, THE CONTRACTOR IS NOTIFIED THAT SNOW REMOVAL SHALL BE HANDLED BY STATE FORCES. MAINTENANCE OF THE TRAFFIC CONTROL DEVICES FOLLOWING SNOW REMOVAL OPERATIONS SHALL BE PERFORMED BY CONTRACTOR AND SHALL BE INCIDENTAL TO ITEM 743000 - MAINTENANCE OF TRAFFIC.
- NEW/REPLACEMENT OR REHABILITATED MANHOLES SHALL BE PER NEW CASTLE COUNTY STANDARD DETAIL SS-MH-1. NEW/REHABILITATED MANHOLES IN NON-PAVED AREAS SHALL BE PER NEW CASTLE COUNTY STANDARD DETAIL SS-MH-5.
- REFER TO THE CONSTRUCTION PLAN SHEETS FOR THE LOCATION OF THE CLEAR ZONE AREA LIMITS.
- FOLLOWING THE PLACEMENT OF THE ASPHALT SURFACE COURSE, CRACK SEALING (406507) SHALL BE APPLIED TO TRANSVERSE JOINTS AT PAVING LIMITS AND AT LONGITUDINAL JOINTS WHERE NEW ASPHALT IS PLACED ADJACENT TO EXISTING ASPHALT PAVEMENT AS DIRECTED BY THE ENGINEER.
- NO WORK ASSOCIATED WITH STORMWATER MANAGEMENT FACILITIES 828, 829, 830 AND 831 SHALL COMMENCE PRIOR TO THE EXECUTION AND RECORDATION OF THE ASSOCIATED MEMORANDUM OF UNDERSTANDING BETWEEN THE DELAWARE DEPARTMENT OF TRANSPORTATION AND THE ENTITIES OF FARM LAND HOLDINGS LLC AND BAYBERRY TOWN CENTER, LLC.
- THE CONTRACTOR SHALL CARRY INSURANCE THAT NAMES THE OWNER OF THE FOLLOWING TAX PARCELS AS AN ADDITIONAL INSURED:

-13-013.00-002	-13-013.14-041
-13-013.00-067	-13-013.14-141
-13-013.00-110	-13-013.00-243
-13-013.13-001	-13-013.00-248
-13-013.13-047	
- THE CONTRACTOR FOR BLENHEIM HOMES/BAYBERRY TOWN CENTER/FARM LAND HOLDINGS MAY BE PERFORMING WORK WITHIN THE LIMITS OF THE PROJECT AREA. THE CONTRACTOR IS TO INVITE THE PRIVATE CONTRACTOR TO ALL PROGRESS MEETINGS AND COORDINATE WORK ACTIVITIES WITH THE PRIVATE CONTRACTOR AS NECESSARY TO AVOID SCHEDULE DELAYS. THE CONTRACTOR IS TO NOTIFY THE PRIVATE CONTRACTOR OF ANY WORK SCHEDULED IN OVERLAPPING AREAS AT LEAST TWO WEEKS IN ADVANCE OF WORK COMMENCING. THE CONTRACTOR IS TO NOTIFY THE ENGINEER OF ANY POTENTIAL SCHEDULE DELAYS DUE TO CONFLICT WITH THE PRIVATE CONTRACTOR AS THE CONFLICT ARISES.

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDTDOTS\TASK002_BOYDCORNERROAD\CADD\CADD_JCR\PN01.DGN [SHEET: PN01]

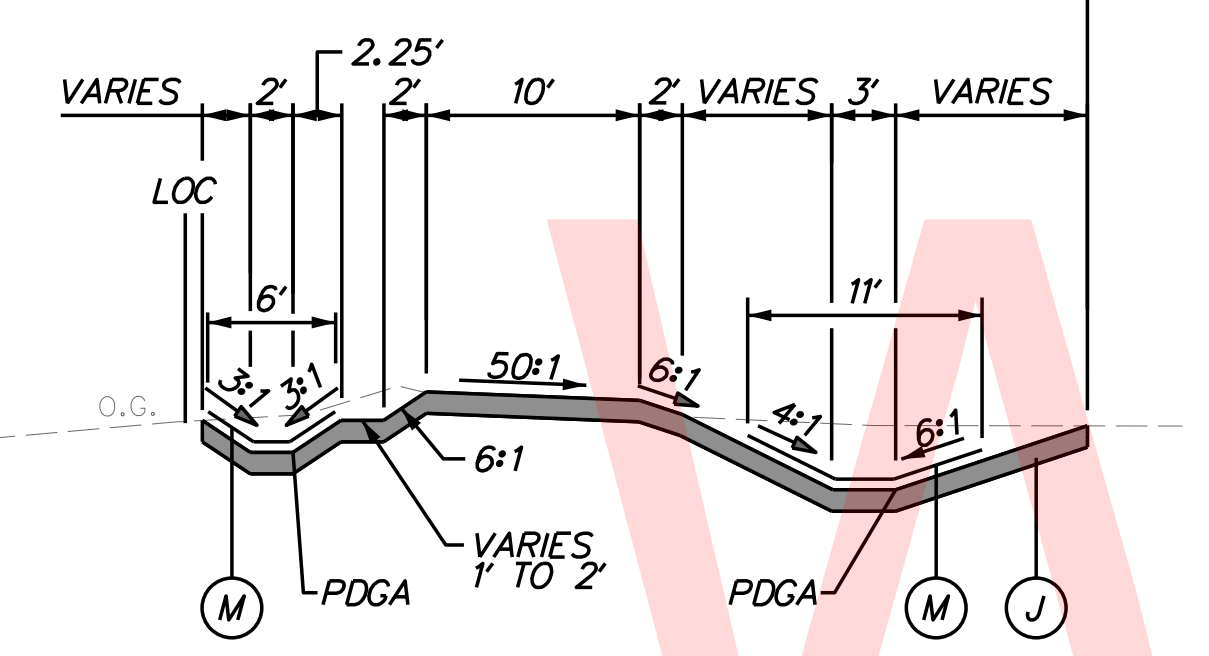
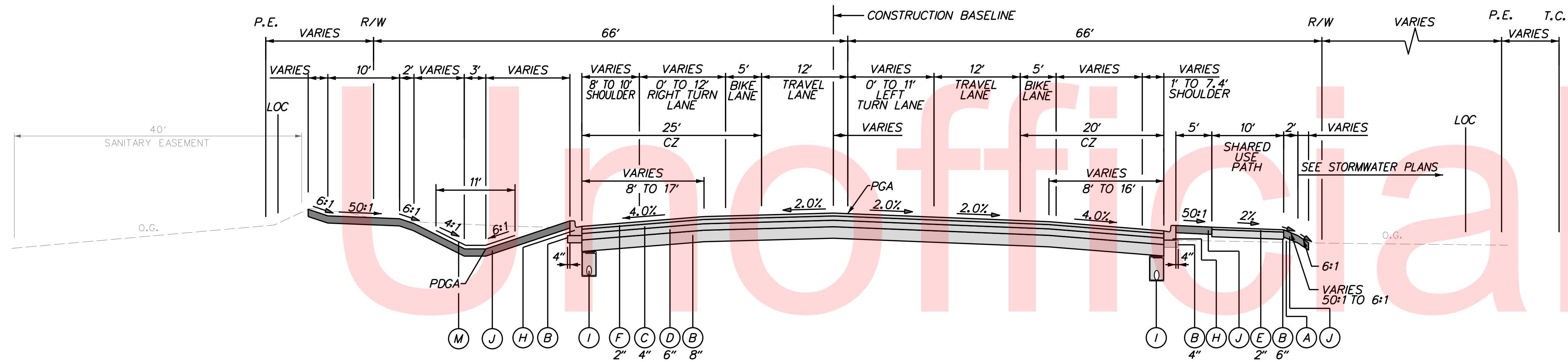
 <p>DELAWARE DEPARTMENT OF TRANSPORTATION</p>	ADDENDUMS / REVISIONS	NOT TO SCALE	<p>JAMISON CORNER ROAD, RELOCATED AT BOYDS CORNER ROAD</p>	CONTRACT	BRIDGE NO.	NOTES	SHEET NO.
	T200912002				DESIGNED BY: WJD		4
	COUNTY				CHECKED BY: BPH		TOTAL SHTS.
	NEW CASTLE						123

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\PN02.DGN [SHEET: PN02]

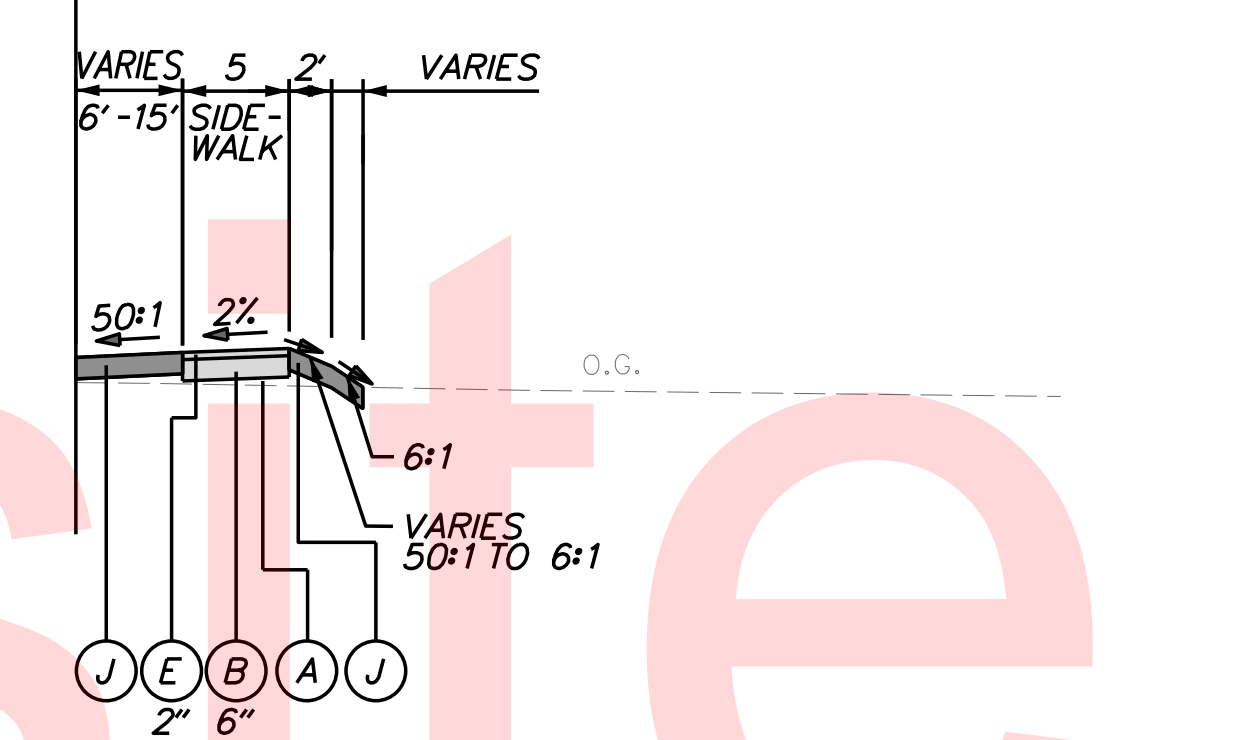
	SHT: 1	SHT: 2	SHT: 3	SHT: 4	SHT: 5	SHT: 6	SHT: 7	SHT: 8	SHT: 9	SHT: 10	Bioretention Area	PROJECT TOTALS
	STA. 325+00 TO STA. 331+00	STA. 331+00 TO STA. 335+50	STA. 335+50 TO STA. 342+00	STA. 342+00 TO STA. 349+00	STA. 349+00 TO STA. 355+50	STA. 1034+00 TO STA. 1041+00	STA. 1041+00 TO STA. 1048+00	STA. 1048+00 TO STA. 1055+00	STA. 1055+00 TO STA. 1062+00	STA. 6001+50 TO STA. 6018+00	1A & 1B & 2	
EXCAVATION - ITEM 202000 (CY) [NEED = '-' / EXCESS = '+']												
FROM CROSS SECTIONS / MODELS (+)	3743	4640	3901	2253	2675	134	0	2643	0	5043	0	25032
BITUMINOUS PAVEMENT REMOVED IN FILL SECTIONS (+)	0	11	100	33	128	0	0	0	0	0	0	272
TOPSOIL REMOVED UNDER FILL SECTIONS (+)	176	50	340	704	137	0	0	0	0	0	0	1407
TOPSOIL PLACED IN CUT SECTIONS (+)	676	309	565	225	410	130	219	531	119	1038	0	4222
ROOT MAT REMOVED IN CUT SECTIONS (-)	0	0	0	0	0	0	0	0	0	0	0	0
CURB AND/OR CURB AND GUTTER EXCAVATION (-)	0	40	145	156	102	0	0	0	0	0	0	443
UNDERDRAIN EXCAVATION (-)	0	40	30	38	9	0	0	0	0	0	0	117
ROCK EXCAVATION (-)	0	0	0	0	0	0	0	0	0	0	0	0
REMOVAL OF PCC PAVEMENT, CURBS, SIDEWALK, ETC. (-)	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL EXCAVATION	4595	4930	4731	3021	3239	264	219	3174	119	6081	0	30373
STORMWATER MANAGEMENT POND EXCAVATION - ITEM 910008 (CY) [NEED = '-' / EXCESS = '+']												
FROM CROSS SECTIONS / MODELS (+)	0	0	0	0	0	0	0	0	0	0	9830	9830
TOPSOIL REMOVED UNDER FILL SECTIONS (+)	0	0	0	0	0	0	0	0	0	0	0	0
TOPSOIL PLACED IN CUT SECTIONS (+)	0	0	0	0	0	0	0	0	0	0	2797	2797
ROOT MAT REMOVED (-)	0	0	0	0	0	0	0	0	0	0	0	0
ROCK EXCAVATION (-)	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL STORMWATER MANAGEMENT POND EXCAVATION	0	0	0	0	0	0	0	0	0	0	12627	12627
EXCAVATION AVAILABLE FOR EMBANKMENT (CY) [NEED = '-' / EXCESS = '+']												
TOTAL EXCAVATION (+) [ITEM 202000]	4595	4930	4731	3021	3239	264	219	3174	119	6081	0	30373
TOTAL STORMWATER MANAGEMENT POND EXCAVATION (+) [ITEM 910008]	0	0	0	0	0	0	0	0	0	0	12627	12627
EXCAVATION AND BACKFILLING FOR STRUCTURES (+) [ITEM 207000]	0	0	596	0	0	0	0	0	438	0	0	1034
EXCAVATION AND BACKFILLING FOR PIPE TRENCHES (+) [ITEM 208000 + PIPES < 24" IN DIAMETER]	0	3064	2010	1100	752	12	0	0	1484	1644	0	10066
CHANNEL EXCAVATION (+) [ITEM 203000]	0	0	0	0	0	0	0	0	0	0	0	0
EXCAVATION FROM LATERAL OR LONGITUDINAL DITCHING (+) [ITEM 714000]	0	0	0	0	0	0	0	0	0	0	0	0
EXCAVATION FROM CURBS AND/OR CURB AND GUTTER (+)	0	40	145	156	102	0	0	0	0	0	0	443
EXCAVATION FROM UNDERDRAINS (+) [ITEM 71500X]	0	40	30	38	9	0	0	0	0	0	0	117
MISCELLANEOUS EXCAVATIONS (+)	0	0	0	0	0	0	0	0	0	0	0	0
TOPSOIL REMOVED IN CUT AND/OR FILL SECTIONS (-)	834	1789	3469	2656	1181	80	89	451	112	1096	0	11757
TOPSOIL REMOVED IN CUT AND/OR FILL SECTIONS FOR STORMWATER MANAGEMENT PONDS (-)	0	0	0	0	0	0	0	0	0	0	1311	1311
UNSUITABLE MATERIALS (-)	0	51	245	189	230	0	0	0	0	0	0	715
TOTAL EXCAVATION AVAILABLE FOR EMBANKMENT	3761	6234	3798	1470	2691	196	130	2723	1929	6629	11316	40877
EMBANKMENT AND BORROW, TYPE 'F' REQUIRED (CY) [NEED = '-' / EXCESS = '+']												
FROM CROSS SECTIONS / MODEL (+) [EMBANKMENT REQUIRED BELOW SUBGRADE OR CAPPING]	126	41	2012	850	427	0	0	0	0	0	0	3456
TOPSOIL REMOVED UNDER FILL (+)	176	50	100	33	128	0	0	0	0	0	0	487
ROOT MAT REMOVED UNDER FILL (+)	0	0	0	0	0	0	0	0	0	0	0	0
UNSUITABLE MATERIAL REMOVED UNDER FILL (+)	0	0	0	0	0	0	0	0	0	0	0	0
PCC REMOVED UNDER FILL (+)	0	0	0	0	0	0	0	0	0	0	0	0
BITUMINOUS PAVEMENT REMOVED UNDER FILL (+)	0	11	100	33	128	0	0	0	0	0	0	272
TOPSOIL TO BE PLACED IN FILL (+)	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL OF EMBANKMENT AND BORROW, TYPE 'F' REQUIRED	302	102	2212	916	683	0	0	0	0	0	0	4215
COMPACTION FACTOR APPLIED TO THE SUBTOTAL (%)	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
TOTAL EMBANKMENT AND BORROW, TYPE 'F' REQUIRED	362.4	122.4	2654.4	1099.2	819.6	0	0	0	0	0	0	5058
TOPSOIL SUMMARY (CY) [NEED = '-' / EXCESS = '+']												
TOPSOIL SALVAGED FROM CUT SECTIONS (+)	658	1739	3129	1952	1044	80	89	451	112	1096	0	10350
TOPSOIL SALVAGED FROM FILL SECTIONS (+)	176	50	340	704	137	0	0	0	0	0	0	1407
TOPSOIL SALVAGED FROM STORMWATER MANAGEMENT PONDS (+)	0	0	0	0	0	0	0	0	0	0	1311	1311
TOPSOIL REQUIRED (-)	991	1838	2614	1897	1115	105	106	519	105	1315	0	10605
TOTAL TOPSOIL	-157	-49	855	759	66	-25	-17	-68	7	-219	1311	2463
MATERIAL BALANCE (CY) [NEED = '-' / EXCESS = '+']												
BORROW, TYPE 'A'	0	0	0	0	0	0	0	0	0	0	0	0
BORROW, TYPE 'B'	0	0	0	0	0	0	0	0	0	0	0	0
BORROW, TYPE 'C'	0	-619	-1183	-542	-327	-69	-101	-71	-589	0	0	-3501
BORROW, TYPE 'F'	3398.6	6111.6	1143.6	370.8	1871.4	196	130	2723	1929	6629	11316	35819
TOPSOIL	-157	-49	855	759	66	-25	-17	-68	7	-219	1311	2463
UNSUITABLE MATERIAL	0	51	245	189	230	0	0	0	0	0	0	715

	DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	NOT TO SCALE	JAMISON CORNER ROAD, RELOCATED AT BOYDS CORNER ROAD	CONTRACT T200912002	BRIDGE NO. 	NOTES	SHEET NO. 5
					COUNTY NEW CASTLE	DESIGNED BY: WJD		TOTAL SHTS. 123
					CHECKED BY: BPH			

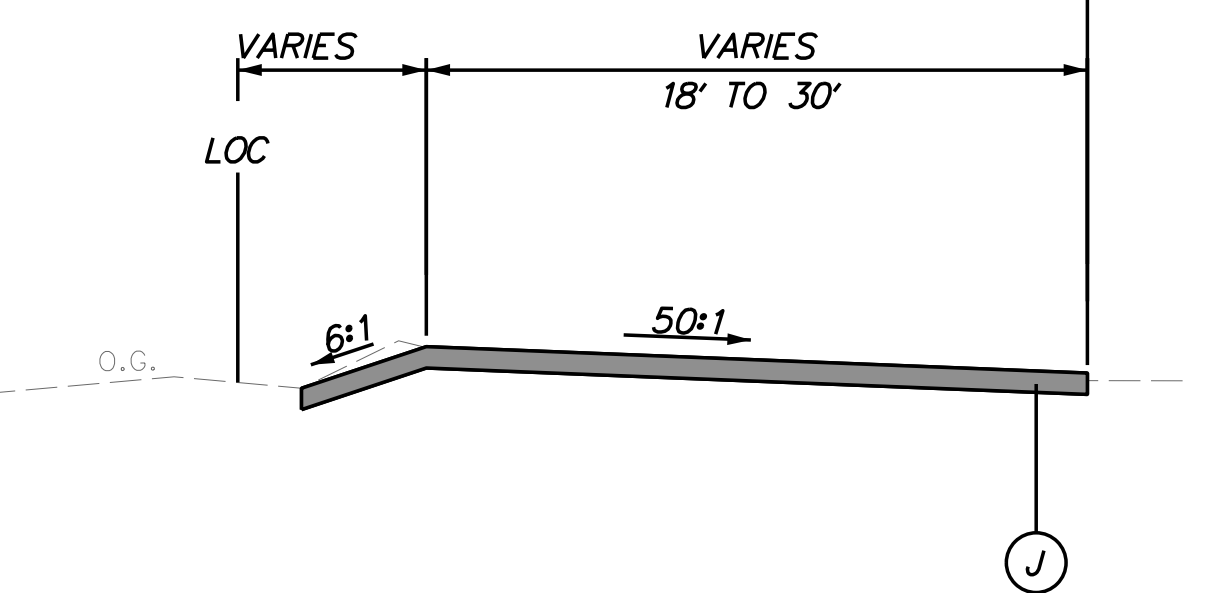
MATERIAL	LIFT THICKNESS	
	MINIMUM	MAXIMUM
BITUMINOUS CONCRETE, TYPE 'C'	1.25"	2"
BITUMINOUS CONCRETE, TYPE 'B'	2.25"	4"
BITUMINOUS CONCRETE BASE COURSE	3"	6"
GRADED AGGREGATE BASE COURSE	3"	8"



JAMISON CORNER ROAD - NORMAL SECTION
STATION 337+81 TO STATION 339+10



JAMISON CORNER ROAD - NORMAL SECTION
STATION 333+81 TO STATION 336+31



JAMISON CORNER ROAD - NORMAL SECTION
STATION 333+81 TO STATION 335+75

JAMISON CORNER ROAD - NORMAL SECTION
STATION 333+81 TO STATION 339+10
NOTE: CURB ON LEFT SIDE OF JAMISON CORNER ROAD ENDS AT STATION 335+75.

LEGEND	
(A)	ITEM 209006 - BORROW, TYPE 'F' AND/OR SUITABLE PROJECT EXCAVATION
(B)	ITEM 302007 - GRADED AGGREGATE BASE COURSE, TYPE 'B'
(C)	ITEM 401816 - BITUMINOUS CONCRETE, SUPERPAVE, TYPE B, 160 GYRATIONS, PG 76-22
(D)	ITEM 401819 - BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, PG 64-22
(E)	ITEM 401825 - BITUMINOUS CONCRETE, SUPERPAVE, TYPE B, 160 GYRATIONS, PG 64-22, WEDGE
(F)	ITEM 401833 - BITUMINOUS CONCRETE, SUPERPAVE, TYPE C, 160 GYRATIONS, PG 76-22, (NON-CARBONATE STONE)
(G)	ITEM 701011 - P.C.C. CURB, TYPE 2
(H)	ITEM 701022 - INTEGRAL P.C.C. CURB AND GUTTER, TYPE 3-B
(I)	ITEM 715001 - PERFORATED PIPE UNDERDRAINS, 6"
(J)	ITEM 908010 - TOPSOILING, 6" DEPTH ITEM 908014 - PERMANENT GRASS SEEDING, DRY GROUND
(K)	ITEM 760000 - PAVEMENT MILLING, HOT-MIX
(L)	ITEM 705005 - P.C.C. SIDEWALK, 8"
(M)	ITEM 908020 - EROSION CONTROL BLANKET MULCH

NOTES:
1) THE PGA IS APPLIED TO THE TOP OF THE FINAL PAVEMENT SURFACE.

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\TS01.DGN [SHEET: TS01]

ADDENDUMS / REVISIONS

NOT TO SCALE

**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

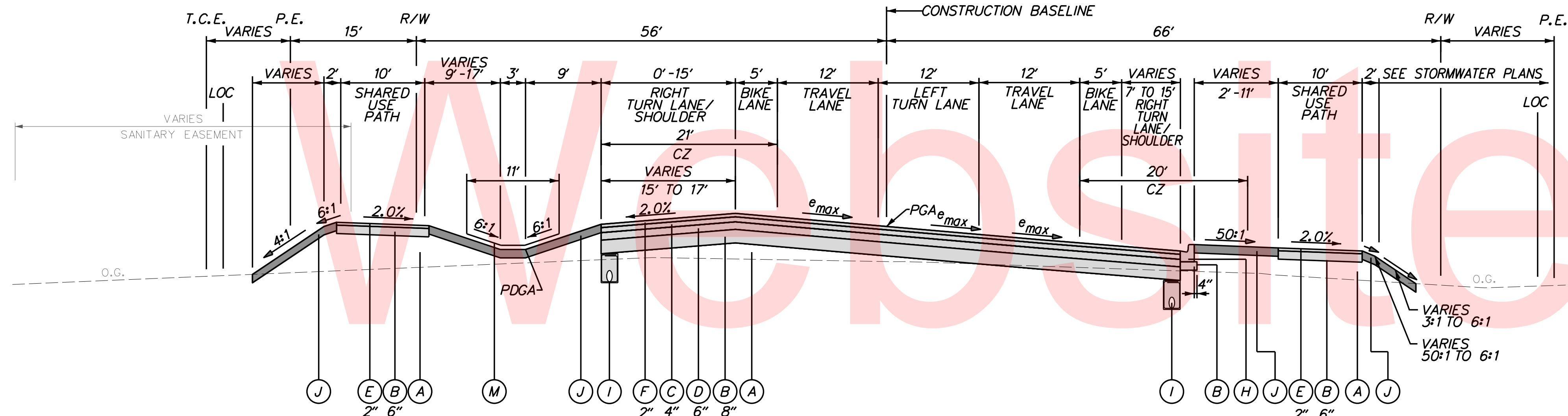
CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: WJD
	CHECKED BY: BPH

TYPICAL SECTIONS	SHEET NO. 6
	TOTAL SHTS. 123

MATERIAL	LIFT THICKNESS	
	MINIMUM	MAXIMUM
BITUMINOUS CONCRETE, TYPE 'C'	1.25"	2"
BITUMINOUS CONCRETE, TYPE 'B'	2.25"	4"
BITUMINOUS CONCRETE BASE COURSE	3"	6"
GRADED AGGREGATE BASE COURSE	3"	8"

Unofficial

LEGEND	
(A)	ITEM 209006 - BORROW, TYPE 'F' AND/OR SUITABLE PROJECT EXCAVATION
(B)	ITEM 302007 - GRADED AGGREGATE BASE COURSE, TYPE 'B'
(C)	ITEM 401816 - BITUMINOUS CONCRETE, SUPERPAVE, TYPE B, 160 GYRATIONS, PG 76-22
(D)	ITEM 401819 - BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, PG 64-22
(E)	ITEM 401825 - BITUMINOUS CONCRETE, SUPERPAVE, TYPE B, 160 GYRATIONS, PG 64-22, WEDGE
(F)	ITEM 401833 - BITUMINOUS CONCRETE, SUPERPAVE, TYPE C, 160 GYRATIONS, PG 76-22, (NON-CARBONATE STONE)
(G)	ITEM 701011 - P.C.C. CURB, TYPE 2
(H)	ITEM 701022 - INTEGRAL P.C.C. CURB AND GUTTER, TYPE 3-8
(I)	ITEM 715001 - PERFORATED PIPE UNDERDRAINS, 6"
(J)	ITEM 908010 - TOPSOILING, 6" DEPTH ITEM 908014 - PERMANENT GRASS SEEDING, DRY GROUND
(K)	ITEM 760000 - PAVEMENT MILLING, HOT-MIX
(L)	ITEM 705005 - P.C.C. SIDEWALK, 8"
(M)	ITEM 908020 - EROSION CONTROL BLANKET MULCH



JAMISON CORNER ROAD - SUPERELEVATED SECTION
STATION 339+10 TO STATION 345+60
 $e_{max} = 5.74\%$

Copy

NOTES:
 1) THE PGA IS APPLIED TO THE TOP OF THE FINAL PAVEMENT SURFACE.

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\T506-NEW.DGN [SHEET: T506-NEW]

ADDENDUMS / REVISIONS

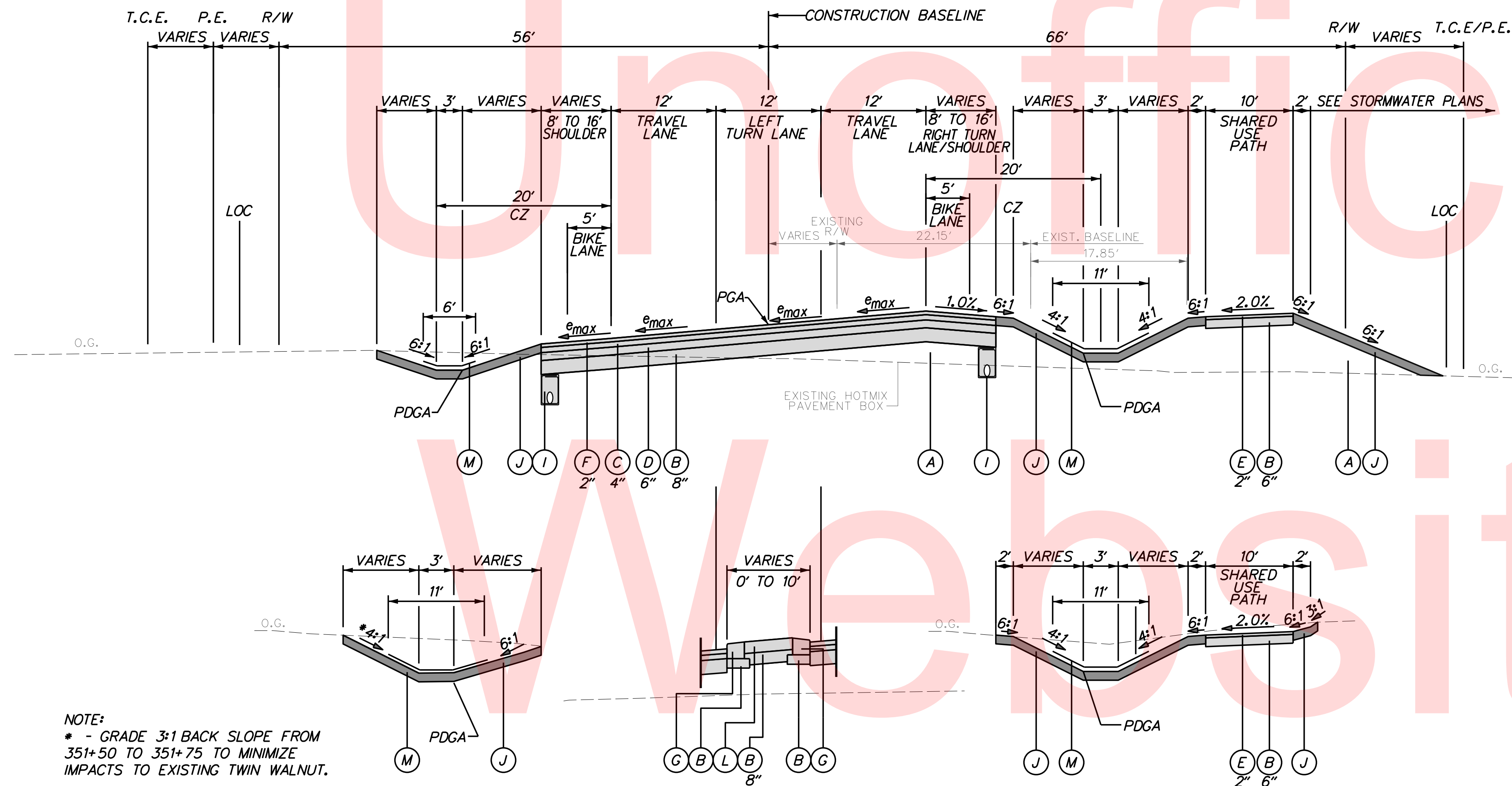
NOT TO SCALE

**JAMISON CORNER ROAD,
 RELOCATED AT
 BOYDS CORNER ROAD**

CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: WJD
	CHECKED BY: BPH

TYPICAL SECTIONS	SHEET NO. 7
	TOTAL SHTS. 123

MATERIAL	LIFT THICKNESS	
	MINIMUM	MAXIMUM
BITUMINOUS CONCRETE, TYPE 'C'	1.25"	2"
BITUMINOUS CONCRETE, TYPE 'B'	2.25"	4"
BITUMINOUS CONCRETE BASE COURSE	3"	6"
GRADED AGGREGATE BASE COURSE	3"	8"



NOTE:
 * - GRADE 3:1 BACK SLOPE FROM 351+50 TO 351+75 TO MINIMIZE IMPACTS TO EXISTING TWIN WALNUT.

STATION 350+50 TO STATION 351+82

STATION 349+73 TO STATION 351+82

STATION 351+24 TO STATION 352+77

JAMISON CORNER ROAD - SUPERELEVATED SECTION
 STATION 345+79 TO STATION 352+77
 $e_{max} = 5.74\%$

LEGEND	
(A)	ITEM 209006 - BORROW, TYPE 'F' AND/OR SUITABLE PROJECT EXCAVATION
(B)	ITEM 302007 - GRADED AGGREGATE BASE COURSE, TYPE 'B'
(C)	ITEM 401816 - BITUMINOUS CONCRETE, SUPERPAVE, TYPE B, 160 GYRATIONS, PG 76-22
(D)	ITEM 401819 - BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, PG 64-22
(E)	ITEM 401825 - BITUMINOUS CONCRETE, SUPERPAVE, TYPE B, 160 GYRATIONS, PG 64-22, WEDGE
(F)	ITEM 401833 - BITUMINOUS CONCRETE, SUPERPAVE, TYPE C, 160 GYRATIONS, PG 76-22, (NON-CARBONATE STONE)
(G)	ITEM 701011 - P.C.C. CURB, TYPE 2
(H)	ITEM 701022 - INTEGRAL P.C.C. CURB AND GUTTER, TYPE 3-8
(I)	ITEM 715001 - PERFORATED PIPE UNDERDRAINS, 6"
(J)	ITEM 908010 - TOPSOILING, 6" DEPTH ITEM 908014 - PERMANENT GRASS SEEDING, DRY GROUND
(K)	ITEM 760000 - PAVEMENT MILLING, HOT-MIX
(L)	ITEM 705005 - P.C.C. SIDEWALK, 8"
(M)	ITEM 908020 - EROSION CONTROL BLANKET MULCH

NOTES:
 1) THE PGA IS APPLIED TO THE TOP OF THE FINAL PAVEMENT SURFACE.

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\JCR\TS02.DGN [SHEET: TS02]

ADDENDUMS / REVISIONS

NOT TO SCALE

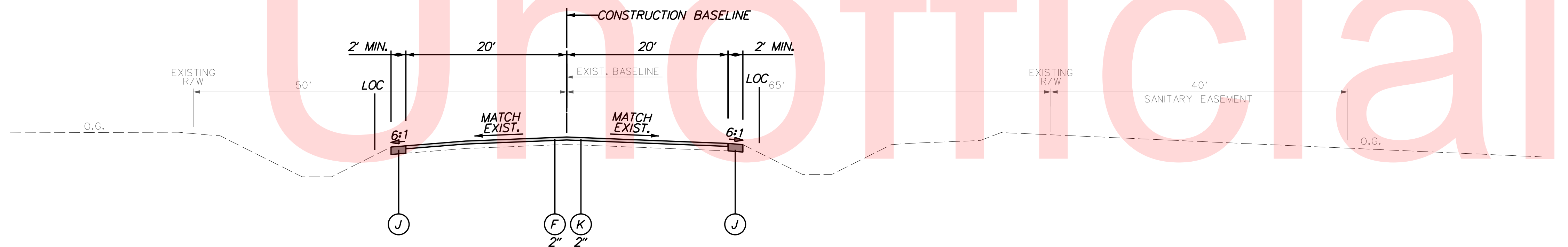
JAMISON CORNER ROAD,
 RELOCATED AT
 BOYDS CORNER ROAD

CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: WJD
	CHECKED BY: BPH

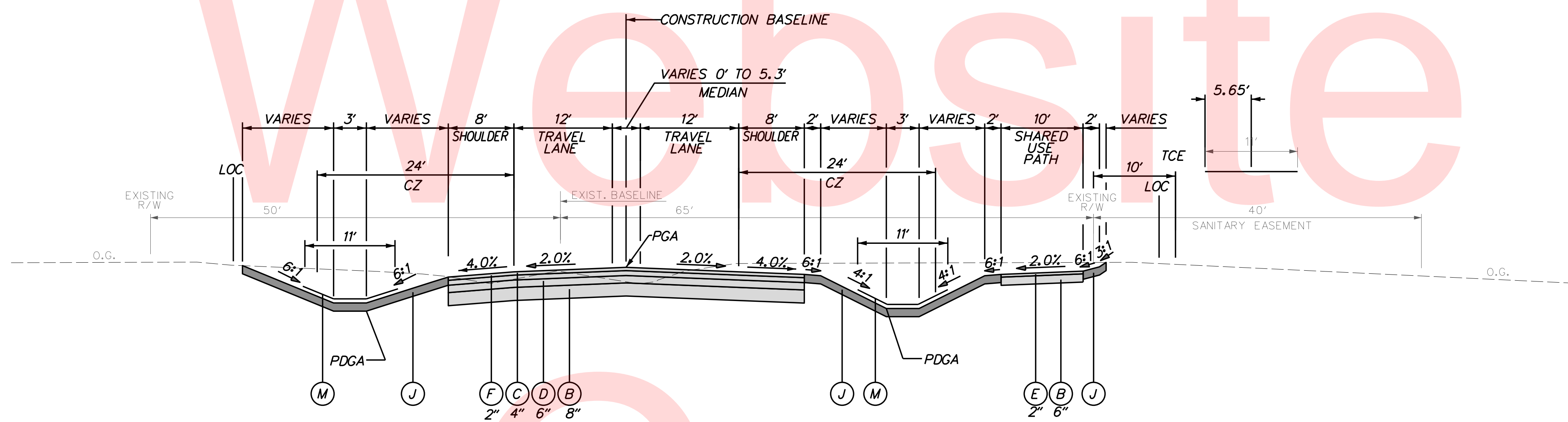
TYPICAL SECTIONS

SHEET NO. 8
TOTAL SHTS. 123

MATERIAL	LIFT THICKNESS	
	MINIMUM	MAXIMUM
BITUMINOUS CONCRETE, TYPE 'C'	1.25"	2"
BITUMINOUS CONCRETE, TYPE 'B'	2.25"	4"
BITUMINOUS CONCRETE BASE COURSE	3"	6"
GRADED AGGREGATE BASE COURSE	3"	8"



JAMISON CORNER ROAD - NORMAL SECTION
STATION 353+83 TO STATION 354+25



JAMISON CORNER ROAD - NORMAL SECTION
STATION 352+77 TO STATION 353+83

LEGEND	
(A)	ITEM 209006 - BORROW, TYPE 'F' AND/OR SUITABLE PROJECT EXCAVATION
(B)	ITEM 302007 - GRADED AGGREGATE BASE COURSE, TYPE 'B'
(C)	ITEM 401816 - BITUMINOUS CONCRETE, SUPERPAVE, TYPE B, 160 GYRATIONS, PG 76-22
(D)	ITEM 401819 - BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, PG 64-22
(E)	ITEM 401825 - BITUMINOUS CONCRETE, SUPERPAVE, TYPE B, 160 GYRATIONS, PG 64-22, WEDGE
(F)	ITEM 401833 - BITUMINOUS CONCRETE, SUPERPAVE, TYPE C, 160 GYRATIONS, PG 76-22, (NON-CARBONATE STONE)
(G)	ITEM 701011 - P.C.C. CURB, TYPE 2
(H)	ITEM 701022 - INTEGRAL P.C.C. CURB AND GUTTER, TYPE 3-8
(I)	ITEM 715001 - PERFORATED PIPE UNDERDRAINS, 6"
(J)	ITEM 908010 - TOPSOILING, 6" DEPTH ITEM 908014 - PERMANENT GRASS SEEDING, DRY GROUND
(K)	ITEM 760000 - PAVEMENT MILLING, HOT-MIX
(L)	ITEM 705005 - P.C.C. SIDEWALK, 8"
(M)	ITEM 908020 - EROSION CONTROL BLANKET MULCH

NOTES:
1) THE PGA IS APPLIED TO THE TOP OF THE FINAL PAVEMENT SURFACE.

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDCORNERROAD\CADD\CADD_JCR\TS03.DGN [SHEET: TS03]



ADDENDUMS / REVISIONS

NOT TO SCALE

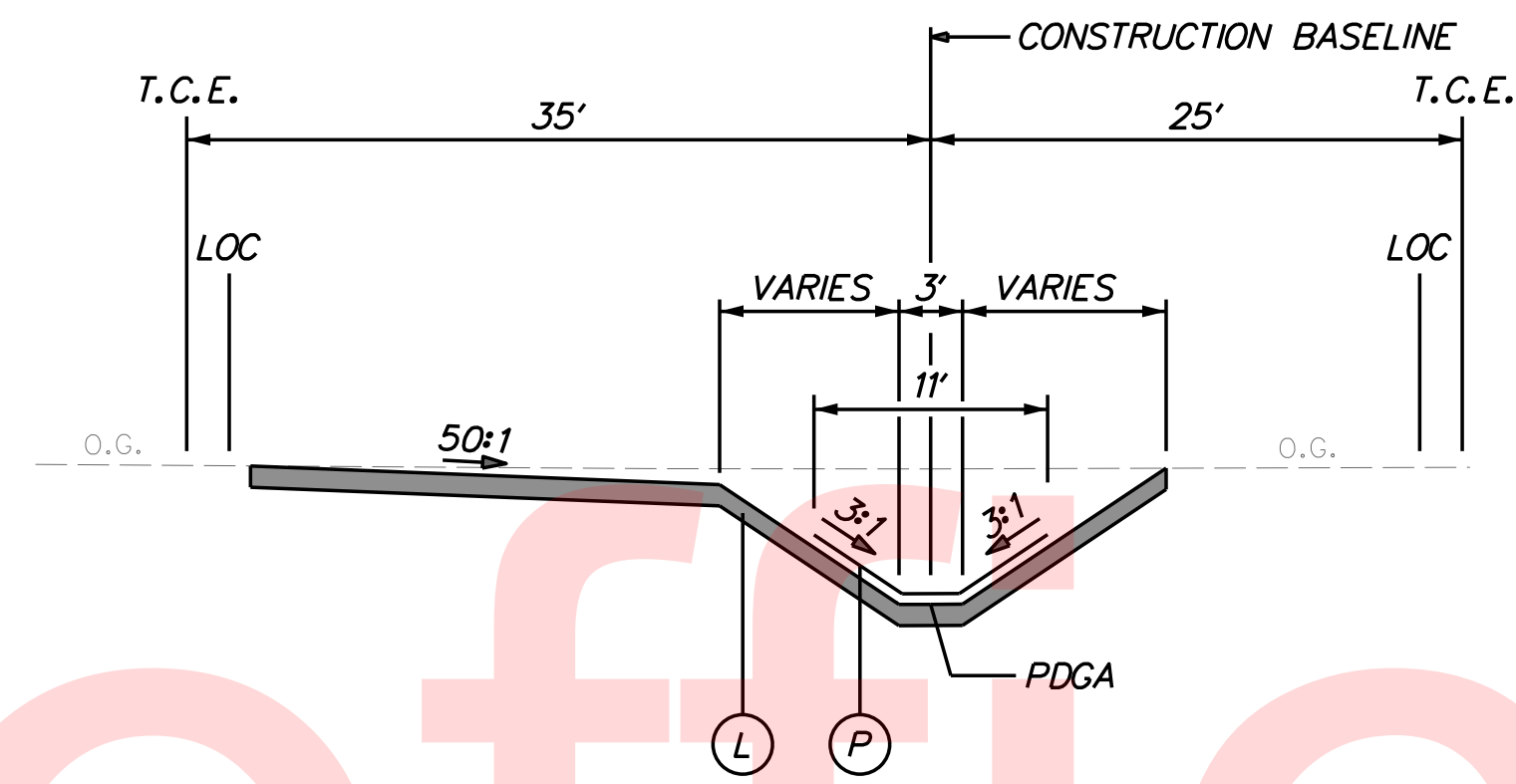
**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: WJD
	CHECKED BY: BPH

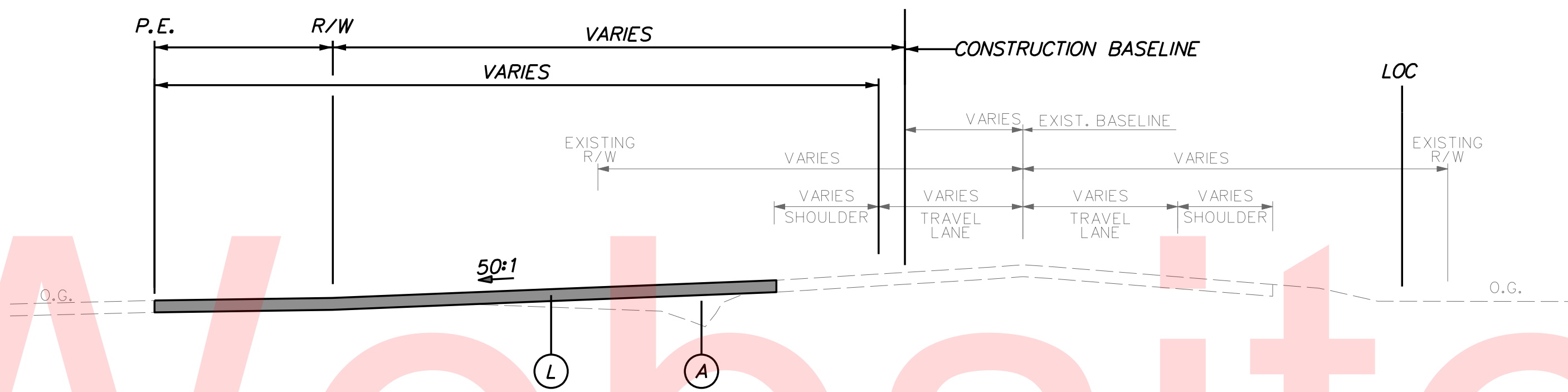
TYPICAL SECTIONS

SHEET NO. 9
TOTAL SHTS. 123

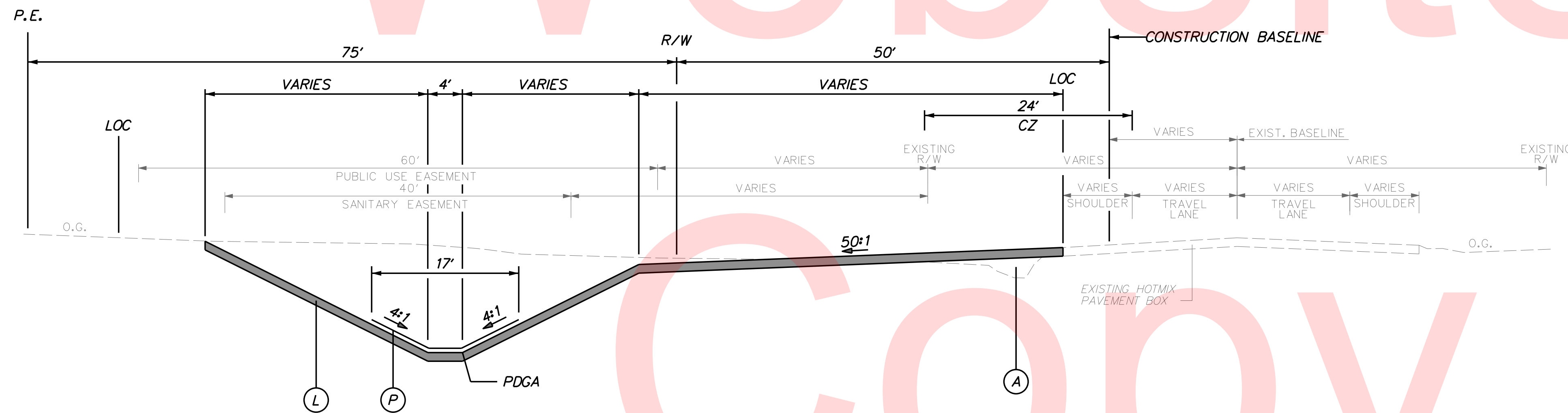
Unofficial Website Copy



TEMPORARY SWALE THRU TOWNCENTER
STATION 6000+00 TO STATION 6025+36



CEDAR LANE ROAD - NORMAL SECTION
STATION 331+51 TO STATION 332+80



CEDAR LANE ROAD - SWALE SECTION
STATION 326+10 TO STATION 331+51

MATERIAL	LIFT THICKNESS	
	MINIMUM	MAXIMUM
BITUMINOUS CONCRETE, TYPE 'C'	1.25"	2"
BITUMINOUS CONCRETE, TYPE 'B'	2.25"	4"
BITUMINOUS CONCRETE BASE COURSE	3"	6"
GRADED AGGREGATE BASE COURSE	3"	8"

LEGEND	
(A)	ITEM 209006 - BORROW, TYPE 'F' AND/OR SUITABLE PROJECT EXCAVATION
(B)	ITEM 302007 - GRADED AGGREGATE BASE COURSE, TYPE 'B'
(C)	ITEM 401816 - BITUMINOUS CONCRETE, SUPERPAVE, TYPE B, 160 GYRATIONS, PG 76-22
(D)	ITEM 401819 - BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, PG 64-22
(E)	ITEM 401825 - BITUMINOUS CONCRETE, SUPERPAVE, TYPE B, 160 GYRATIONS, PG 64-22, WEDGE
(F)	ITEM 401833 - BITUMINOUS CONCRETE, SUPERPAVE, TYPE C, 160 GYRATIONS, PG 76-22, (NON-CARBONATE STONE)
(G)	ITEM 701011 - P.C.C. CURB, TYPE 2
(H)	ITEM 701022 - INTEGRAL P.C.C. CURB AND GUTTER, TYPE 3-B
(I)	ITEM 715001 - PERFORATED PIPE UNDERDRAINS, 6"
(J)	ITEM 908010 - TOPSOILING, 6" DEPTH
(K)	ITEM 908014 - PERMANENT GRASS SEEDING, DRY GROUND
(L)	ITEM 760000 - PAVEMENT MILLING, HOT-MIX
(M)	ITEM 705005 - P.C.C. SIDEWALK, 8"
(N)	ITEM 908020 - EROSION CONTROL BLANKET MULCH

NOTES:
 1) THE PGA IS APPLIED TO THE TOP OF THE FINAL PAVEMENT SURFACE.

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDCORNERROAD\CADD\CADD_JCR\TS04.DGN [SHEET: TS04]

ADDENDUMS / REVISIONS

NOT TO SCALE

**JAMISON CORNER ROAD,
 RELOCATED AT
 BOYDS CORNER ROAD**

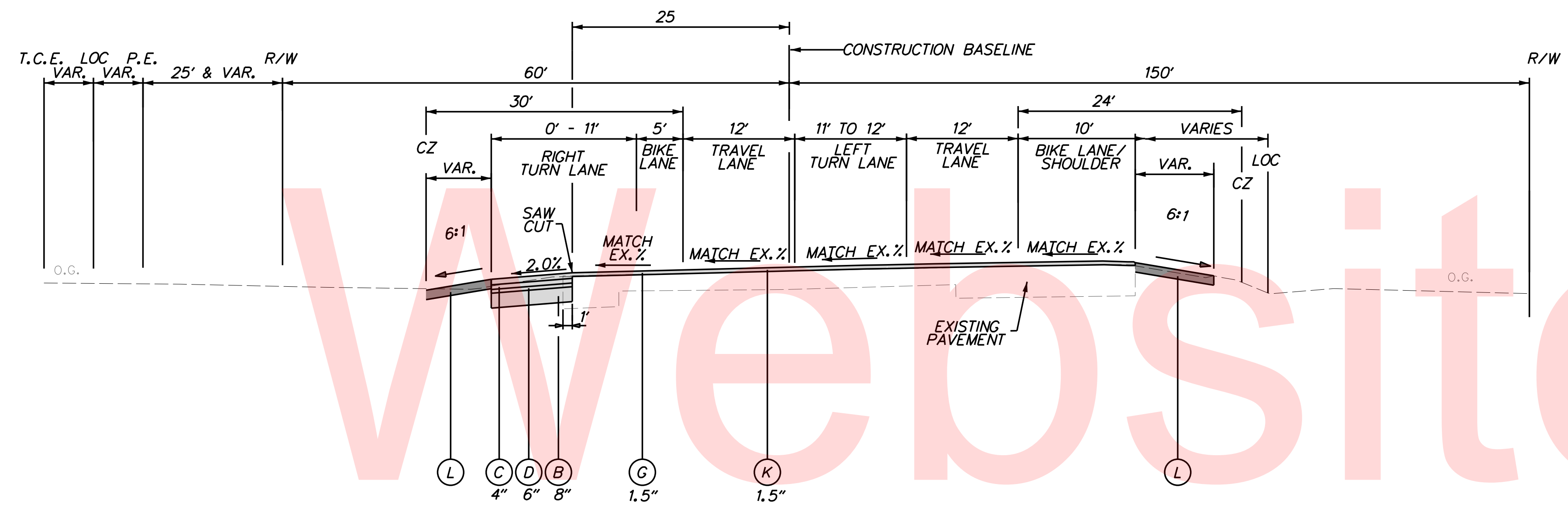
CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: WJD
	CHECKED BY: BPH

TYPICAL SECTIONS

SHEET NO. 10
TOTAL SHTS. 123

MATERIAL	LIFT THICKNESS	
	MINIMUM	MAXIMUM
BITUMINOUS CONCRETE, TYPE 'C'	1.25"	2"
BITUMINOUS CONCRETE, TYPE 'B'	2.25"	4"
BITUMINOUS CONCRETE BASE COURSE	3"	6"
GRADED AGGREGATE BASE COURSE	3"	8"

Unofficial



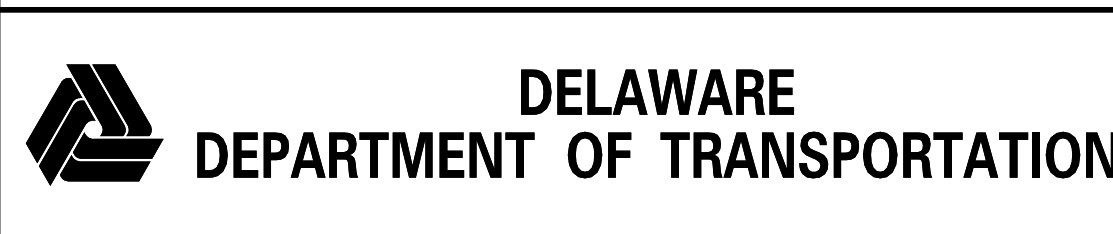
N15 BOYDS CORNER ROAD - TYPICAL SECTION
STATION 1033+00 TO STATION 1034+50

LEGEND	
(A)	ITEM 209006 - BORROW, TYPE 'F' AND/OR SUITABLE PROJECT EXCAVATION
(B)	ITEM 302007 - GRADED AGGREGATE BASE COURSE, TYPE 'B'
(C)	ITEM 401816 - BITUMINOUS CONCRETE, SUPERPAVE, TYPE B, 160 GYRATIONS, PG 76-22
(D)	ITEM 401819 - BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, PG 64-22
(E)	ITEM 401825 - BITUMINOUS CONCRETE, SUPERPAVE, TYPE B, 160 GYRATIONS, PG 64-22, WEDGE
(F)	ITEM 401833 - BITUMINOUS CONCRETE, SUPERPAVE, TYPE C, 160 GYRATIONS, PG 76-22, (NON-CARBONATE STONE)
(G)	ITEM 701011 - P.C.C. CURB, TYPE 2
(H)	ITEM 701022 - INTEGRAL P.C.C. CURB AND GUTTER, TYPE 3-8
(I)	ITEM 715001 - PERFORATED PIPE UNDERDRAINS, 6"
(J)	ITEM 908010 - TOPSOILING, 6" DEPTH ITEM 908014 - PERMANENT GRASS SEEDING, DRY GROUND
(K)	ITEM 760000 - PAVEMENT MILLING, HOT-MIX
(L)	ITEM 705005 - P.C.C. SIDEWALK, 8"
(M)	ITEM 908020 - EROSION CONTROL BLANKET MULCH

NOTES:
 1) THE PGA IS APPLIED TO THE TOP OF THE FINAL PAVEMENT SURFACE.

Copy

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\TS05.DGN [SHEET: TS05]



ADDENDUMS / REVISIONS

NOT TO SCALE

**JAMISON CORNER ROAD,
 RELOCATED AT
 BOYDS CORNER ROAD**

CONTRACT	BRIDGE NO.
T200912002	
COUNTY	DESIGNED BY: WJD
NEW CASTLE	CHECKED BY: BPH

TYPICAL SECTIONS

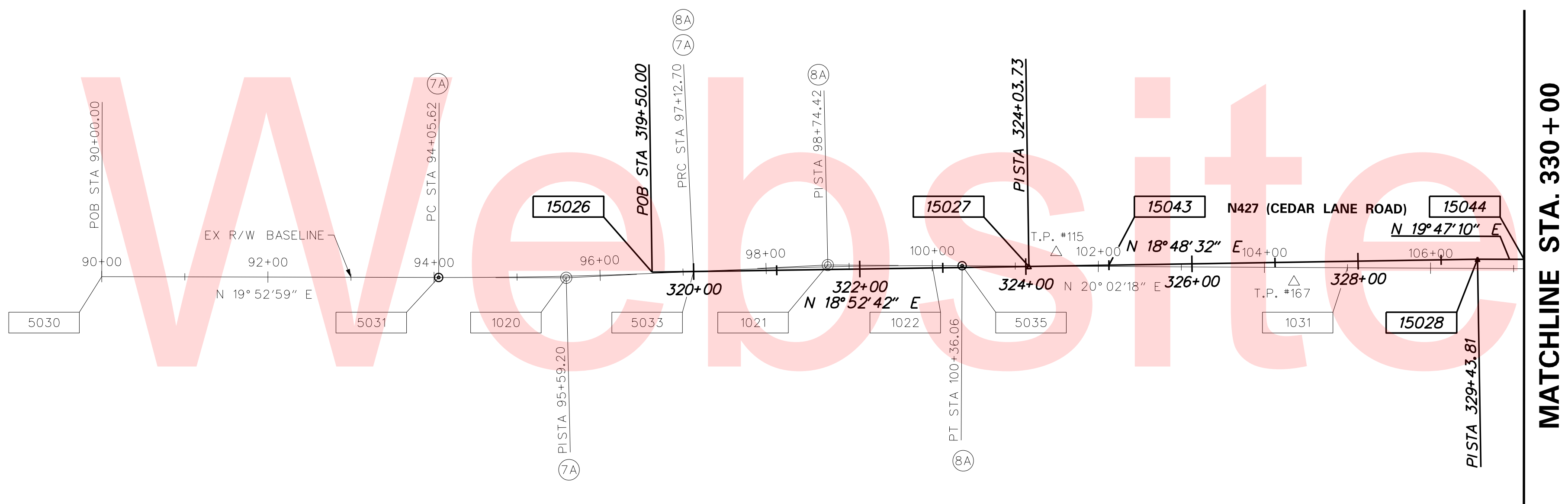
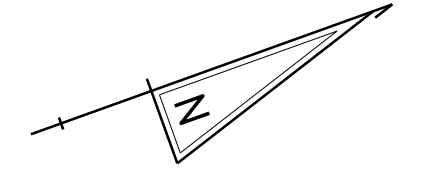
SHEET NO.
11
TOTAL SHTS.
123

CIRCULAR CURVE NO. 7A			
ELEMENT: CIRCULAR	STATION	NORTHING	EASTING
PC (5031)	94+05.62	546280.8670	580050.0105
PI (1020)	95+59.20	546425.2876	580102.2415
CC (5032)		548321.4666	574407.6747
PT (5033)	97+12.70	546572.1911	580147.0157
Radius:	6000.00		
Delta:	2° 55'57" Left		
Degree of Curvature(Arc):	0° 57'18"		
Length:	307.08		
Tangent:	153.58		
Chord:	307.05		
Middle Ordinate:	1.96		
External:	1.97		
Tangent Direction:	N 19° 52'59" E		
Radial Direction:	N 70° 07'01" W		
Chord Direction:	N 18° 25'00" E		
Radial Direction:	N 73° 02'58" W		
Tangent Direction:	N 16° 57'02" E		

CIRCULAR CURVE NO. 8A			
ELEMENT: CIRCULAR	STATION	NORTHING	EASTING
PC (5033)	97+12.70	546572.1911	580147.0157
PI (1021)	98+74.42	546726.8818	580194.1634
CC (5034)		544822.9157	585886.3567
PT (5035)	100+36.06	546878.8082	580249.5752
Radius:	6000.00		
Delta:	3° 05'16" Right		
Degree of Curvature(Arc):	0° 57'18"		
Length:	323.35		
Tangent:	161.72		
Chord:	323.31		
Middle Ordinate:	2.18		
External:	2.18		
Tangent Direction:	N 16° 57'02" E		
Radial Direction:	N 73° 02'58" W		
Chord Direction:	N 18° 29'40" E		
Radial Direction:	N 69° 57'42" W		
Tangent Direction:	N 20° 02'18" E		

CONSTRUCTION ALIGNMENT CONTROL				
POINT	STATION	OFFSET	NORTHING	EASTING
5030	90+00.00	0.00'	545899.4263	579912.0592
1022	100+00.00	0.00'	546844.8965	580237.3220
1031	105+00.00	0.00'	547314.6652	580408.5445
15026	319+50.00	0.00'	546524.8807	580130.8378
15027	324+03.73	0.00'	546954.2010	580277.6451
15028	329+43.81	0.00'	547465.4392	580451.7725
15043	325+00.00	0.00'	547045.3329	580308.6845
15044	330+00.00	0.00'	547518.3160	580470.7948

Unofficial



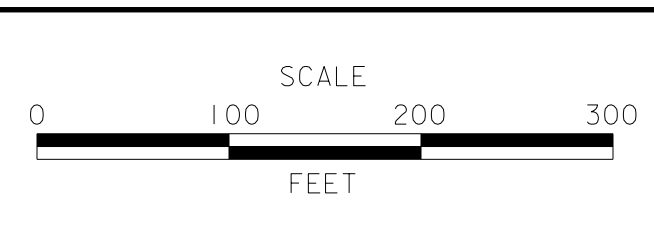
HORIZONTAL / VERTICAL CONTROL DATA					
POINT	STATION	OFFSET	NORTHING	EASTING	ELEVATION
TP 115	101+49.08	17.73' LT	546991.0655	580271.6478	61.24
TP 167	104+35.59	16.41' RT	547248.5300	580401.8900	62.53

NOTES:
 HORIZONTAL - PROJECT BASED ON THE DELAWARE STATE PLANE COORDINATE SYSTEM (NAD 83/91)
 VERTICAL - PLAN ELEVATIONS ARE BASED ON N.G.S SURVEY DATUM (NAVD 88)
 GPS BENCHMARK K38 ELEV. 62.44 FEET N 554786.07 E 571138.31

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDCORNERROAD\CADD\CADD_JCR\HY01.DGN [SHEET: HV01]



ADDENDUMS / REVISIONS	



**JAMISON CORNER ROAD,
 RELOCATED AT
 BOYDS CORNER ROAD**

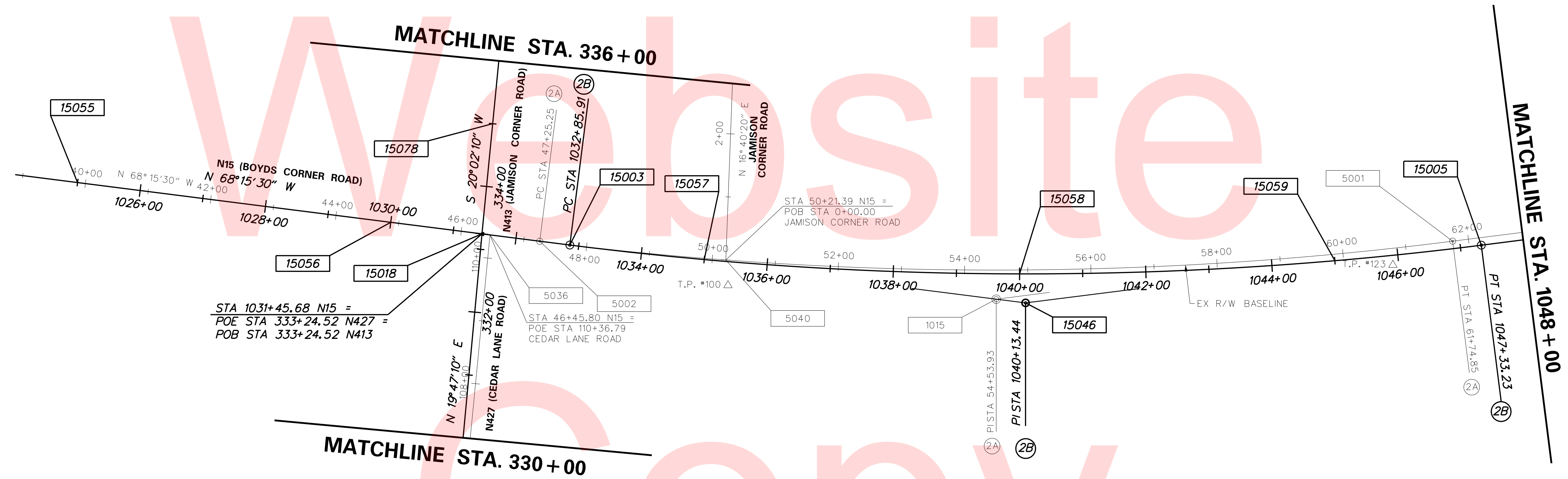
CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: WJD
	CHECKED BY: BPH

HORIZONTAL AND VERTICAL CONTROL	SHEET NO.
	12
	TOTAL SHTS.
	123

CIRCULAR CURVE NO. (2B)			
ELEMENT: CIRCULAR	STATION	NORTHING	EASTING
PC (15003)	1032+85.91	547771.7283	580710.9055
PI (15046)	1040+13.44	547502.2376	581386.6760
CC (15004)		553098.3898	582835.1265
PT (15005)	1047+33.23	547410.0325	582108.3334
Radius:	5734.60		
Delta:	14° 27' 38" Left		
Deg. of Curv. (Arc):	0° 59' 56.85"		
Length:	1447.32		
Tangent:	727.52		
Chord:	1443.48		
Middle Ordinate:	45.60		
External:	45.96		
Tangent Direction:	S 68° 15' 30" E		
Radial Direction:	S 21° 44' 30" W		
Chord Direction:	S 75° 29' 19" E		
Radial Direction:	S 07° 16' 52" W		
Tangent Direction:	S 82° 43' 08" E		

CIRCULAR CURVE NO. (2A)			
ELEMENT: CIRCULAR	STATION	NORTHING	EASTING
PC (5002)	47+25.25	547789.5284	580666.2703
PI (1015)	54+53.93	547519.6078	581343.1187
CC (3003)		553116.1899	582790.4913
PT (5001)	61+74.85	547427.5436	582065.9637
Radius:	5734.60		
Delta:	14° 29' 00" Left		
Degree of Curvature(Arc):	0° 59' 57"		
Length:	1449.60		
Tangent:	728.68		
Chord:	1445.74		
Middle Ordinate:	45.74		
External:	46.11		
Tangent Direction:	N 68° 15' 30" W		
Radial Direction:	S 21° 44' 30" W		
Chord Direction:	N 75° 30' 00" W		
Radial Direction:	S 82° 44' 00" W		
Tangent Direction:	N 07° 16' 00" W		

CONSTRUCTION ALIGNMENT CONTROL				
POINT	STATION	OFFSET	NORTHING	EASTING
5036	110+36.79	0.00'	547818.9576	580592.4741
5040	50+21.39	0.00'	547686.9819	580944.0520
15018	333+24.52	0.00'	547823.6742	580580.6470
15055	1025+00.00	0.00'	548062.8479	579980.8990
15056	1030+00.00	0.00'	547877.6369	580445.3308
15057	1035+00.00	0.00'	547696.1559	580911.1966
15058	1040+00.00	0.00'	547549.1420	581388.9293
15059	1045+00.00	0.00'	547444.2874	581877.6492
15078	335+00.00	0.00'	547988.5368	580640.7691



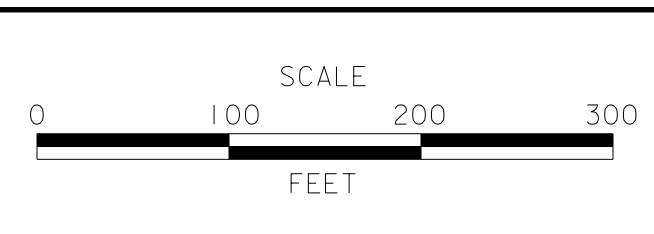
HORIZONTAL / VERTICAL CONTROL DATA					
POINT	STATION	OFFSET	NORTHING	EASTING	ELEVATION
TP 100	50+27.66	38.86' RT	547648.1617	580937.5210	67.90
TP 123	60+76.66	25.35' RT	547415.6973	581965.0385	59.30

NOTES:
 HORIZONTAL - PROJECT BASED ON THE DELAWARE STATE PLANE COORDINATE SYSTEM (NAD 83/91)
 VERTICAL - PLAN ELEVATIONS ARE BASED ON N.G.S SURVEY DATUM (NAVD 88)
 GPS BENCHMARK K38 ELEV. 62.44 FEET N 554786.07 E 571138.31

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR_HV02.DGN [SHEET: HV02]



ADDENDUMS / REVISIONS	



**JAMISON CORNER ROAD,
 RELOCATED AT
 BOYDS CORNER ROAD**

CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: WJD
	CHECKED BY: BPH

HORIZONTAL AND VERTICAL CONTROL	SHEET NO. 13
	TOTAL SHTS. 123

CIRCULAR CURVE NO. 9A			
ELEMENT: CIRCULAR	STATION	NORTHING	EASTING
PC (5041)	15+60.52	549181.9033	581391.7600
PI (1024)	17+87.29	549399.1406	581456.8196
CC (5042)		548122.5513	584928.9935
PT (5043)	20+13.49	549606.7843	581547.9730
Radius:	3692.46		
Delta:	7° 01' 44" Right		
Degree of Curvature(Arc):	1° 33' 06"		
Length:	452.97		
Tangent:	226.77		
Chord:	452.69		
Middle Ordinate:	6.94		
External:	6.96		
Tangent Direction:	N 16° 40' 20" E		
Radial Direction:	N 73° 19' 40" W		
Chord Direction:	N 20° 11' 12" E		
Radial Direction:	N 66° 17' 56" W		
Tangent Direction:	N 23° 42' 04" E		

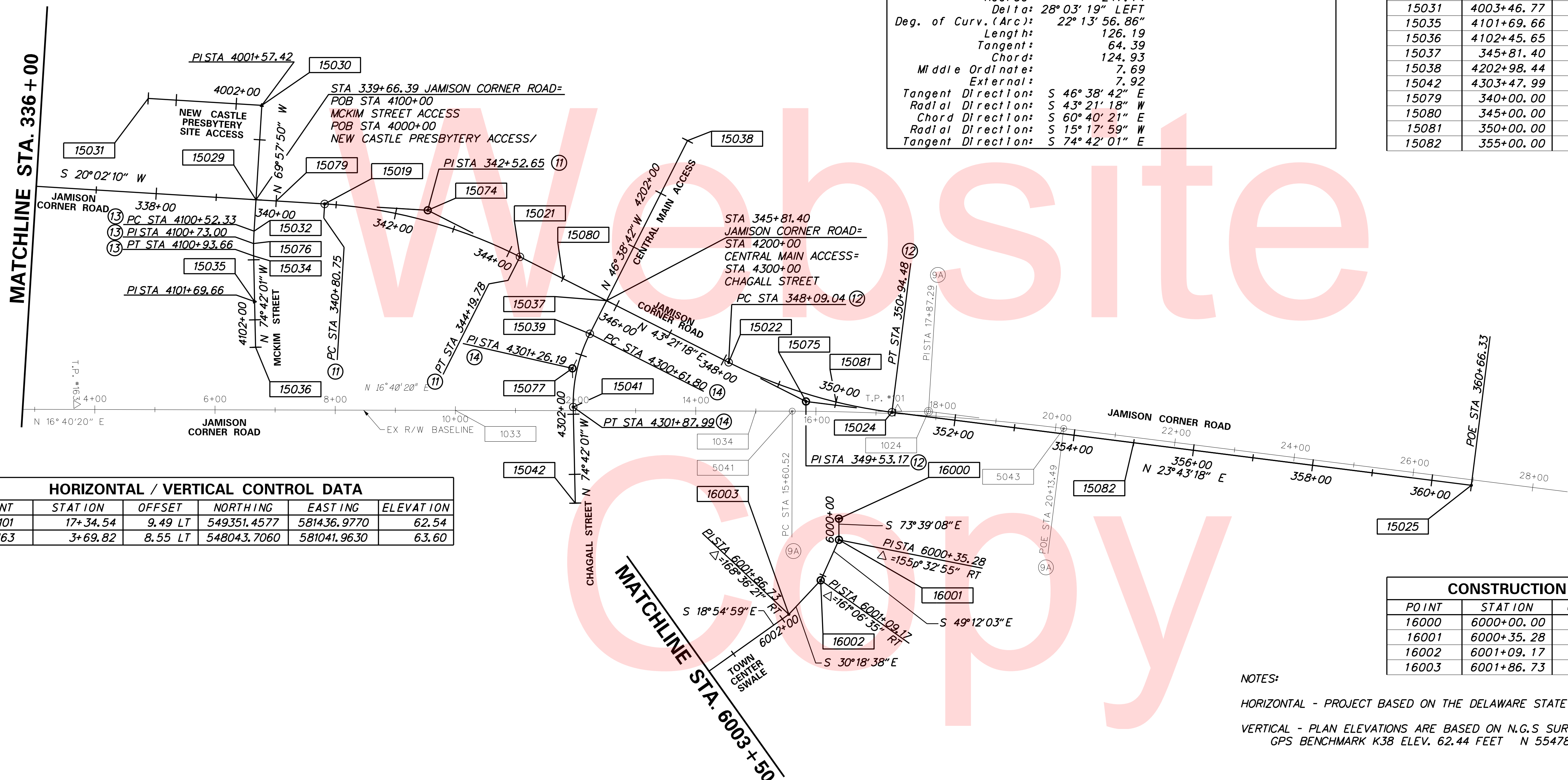
CIRCULAR CURVE NO. 11			
ELEMENT: CIRCULAR	STATION	NORTHING	EASTING
PC (15019)	340+80.75	548534.1384	580839.7414
PI (15074)	342+52.65	548695.6266	580898.6335
CC (15020)		548248.7423	581622.3256
PT (15021)	344+19.78	548820.6113	581016.6401
Radius:	833.00		
Delta:	23° 19' 08" Right		
Deg. of Curv. (Arc):	6° 52' 41.68"		
Length:	339.02		
Tangent:	171.89		
Chord:	336.69		
Middle Ordinate:	17.19		
External:	17.55		
Tangent Direction:	N 20° 02' 10" E		
Radial Direction:	S 69° 57' 50" E		
Chord Direction:	N 31° 41' 44" E		
Radial Direction:	S 46° 38' 42" E		
Tangent Direction:	N 43° 21' 18" E		

CIRCULAR CURVE NO. 12			
ELEMENT: CIRCULAR	STATION	NORTHING	EASTING
PC (15022)	348+09.04	549103.6494	581283.8757
PI (15075)	349+53.17	549208.4505	581382.8243
CC (15023)		549675.5146	580678.1867
PT (15024)	350+94.48	549340.4052	581440.8076
Radius:	833.00		
Delta:	19° 37' 59" Right		
Deg. of Curv. (Arc):	6° 52' 41.68"		
Length:	285.44		
Tangent:	144.13		
Chord:	284.04		
Middle Ordinate:	12.20		
External:	12.38		
Tangent Direction:	N 43° 21' 18" E		
Radial Direction:	S 46° 38' 43" E		
Chord Direction:	N 33° 32' 18" E		
Radial Direction:	S 66° 16' 42" E		
Tangent Direction:	N 23° 43' 18" E		

CIRCULAR CURVE NO. 13			
ELEMENT: CIRCULAR	STATION	NORTHING	EASTING
PC (15032)	4100+52.33	548408.7641	580849.7169
PI (15076)	4100+73.00	548401.6795	580869.1436
CC (15033)		548878.5025	581021.0231
PT (15034)	4100+93.66	548396.2231	580889.0890
Radius:	500.00		
Delta:	4° 44' 11" Left		
Deg. of Curv. (Arc):	11° 27' 32.96"		
Length:	41.33		
Tangent:	20.68		
Chord:	41.32		
Middle Ordinate:	0.43		
External:	0.43		
Tangent Direction:	S 69° 57' 50" E		
Radial Direction:	S 20° 02' 10" W		
Chord Direction:	S 72° 19' 55" E		
Radial Direction:	S 15° 17' 59" W		
Tangent Direction:	S 74° 42' 01" E		

CIRCULAR CURVE NO. 14			
ELEMENT: CIRCULAR	STATION	NORTHING	EASTING
PC (15039)	4300+61.80	548895.7036	581172.5347
PI (15077)	4301+26.19	548851.5007	581219.3514
CC (15040)		549083.0896	581349.4587
PT (15041)	4301+87.99	548834.5110	581281.4566
Radius:	247.71		
Delta:	28° 03' 19" LEFT		
Deg. of Curv. (Arc):	22° 13' 56.86"		
Length:	126.19		
Tangent:	64.39		
Chord:	124.93		
Middle Ordinate:	7.69		
External:	7.92		
Tangent Direction:	S 46° 38' 42" E		
Radial Direction:	S 43° 21' 18" W		
Chord Direction:	S 60° 40' 21" E		
Radial Direction:	S 15° 17' 59" W		
Tangent Direction:	S 74° 42' 01" E		

CONSTRUCTION ALIGNMENT CONTROL				
POINT	STATION	OFFSET	NORTHING	EASTING
1033	10+00.00	0.00	548644.9436	581230.9481
1034	15+00.00	0.00	549123.9245	581374.3962
15025	360+66.33	0.00	550230.1495	581831.7773
15029	339+66.39	0.00	548426.6918	580800.5573
15030	4001+57.42	0.00	548480.6252	580652.6666
15031	4003+46.77	0.00	548302.7311	580587.7914
15035	4101+69.66	0.00	548376.1700	580962.3923
15036	4102+45.65	0.00	548356.1169	581035.6955
15037	345+81.40	0.00	548938.1310	581127.5985
15038	4202+98.44	0.00	549143.0175	580910.5963
15042	4303+47.99	0.00	548792.2921	581435.7860
15079	340+00.00	0.00	548458.2716	580812.0739
15080	345+00.00	0.00	548878.9411	581071.7133
15081	350+00.00	0.00	549256.2463	581397.9804
15082	355+00.00	0.00	549711.6634	581603.9452



HORIZONTAL / VERTICAL CONTROL DATA					
POINT	STATION	OFFSET	NORTHING	EASTING	ELEVATION
TP 101	17+34.54	9.49 LT	549351.4577	581436.9770	62.54
TP 163	3+69.82	8.55 LT	548043.7060	581041.9630	63.60

CONSTRUCTION ALIGNMENT CONTROL				
POINT	STATION	OFFSET	NORTHING	EASTING
16000	6000+00.00	0.00	549205.4103	581585.3680
16001	6000+35.28	0.00	549195.4800	581619.2220
16002	6001+09.17	0.00	549147.1984	581675.1581
16003	6001+86.73	0.00	549080.2462	581714.2983

NOTES:

HORIZONTAL - PROJECT BASED ON THE DELAWARE STATE PLAN COORDINATE SYSTEM (NAD 83/91)

VERTICAL - PLAN ELEVATIONS ARE BASED ON N.G.S SURVEY DATUM (NAVD 88)
GPS BENCHMARK K38 ELEV. 62.44 FEET N 554786.07 E 571138.31

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017

FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\HY03.DGN [SHEET: HY03]



ADDENDUMS / REVISIONS



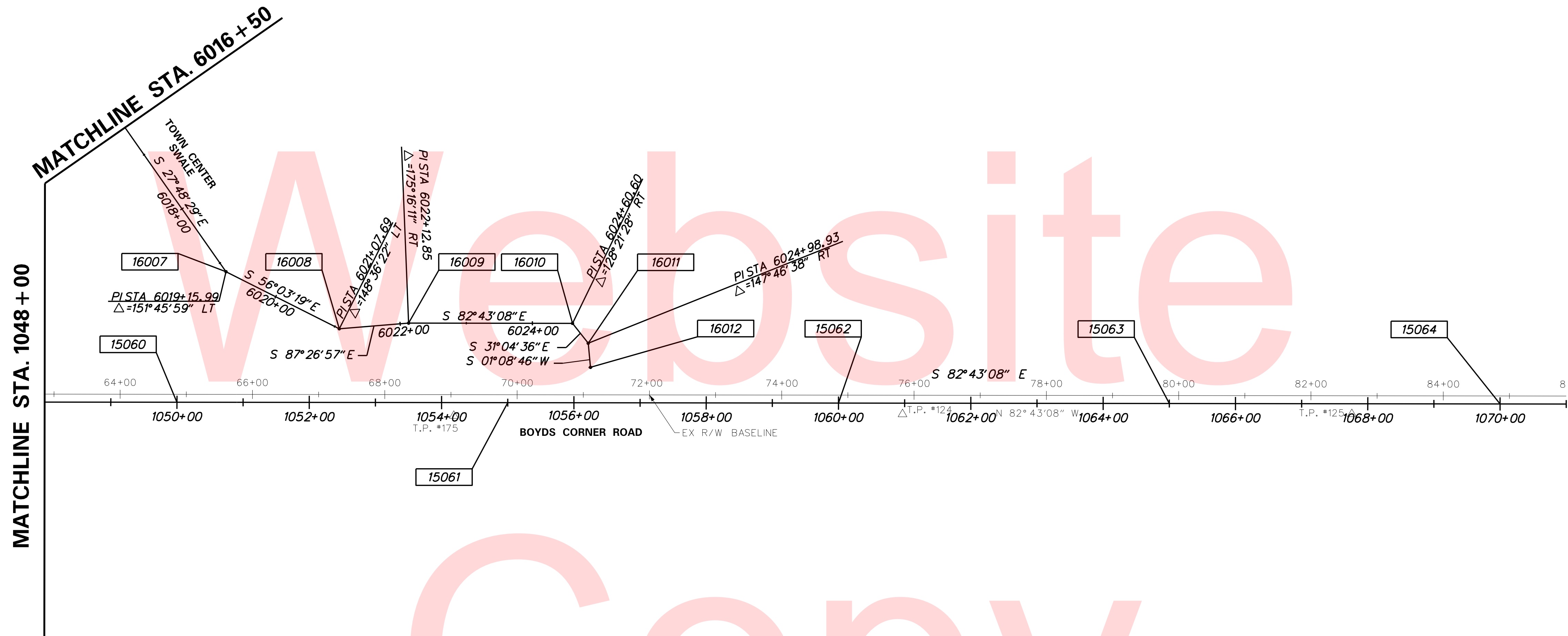
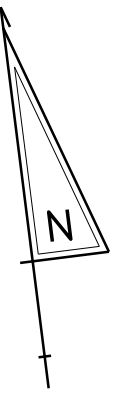
**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

CONTRACT	BRIDGE NO.	
T200912002	DESIGNED BY:	WJD
COUNTY	CHECKED BY:	BPH
NEW CASTLE		

**HORIZONTAL AND
VERTICAL CONTROL**

SHEET NO.	14
TOTAL SHTS.	123

CONSTRUCTION ALIGNMENT CONTROL				
POINT	STATION	OFFSET	NORTHING	EASTING
15060	1050+00.00	0.00	547376.2225	582372.9525
15061	1055+00.00	0.00	547312.8534	582868.9206
15062	1060+00.00	0.00	547249.4843	583364.8887
15063	1065+00.00	0.00	547186.1151	583860.8568
15064	1070+00.00	0.00	547122.7460	584356.8249
16007	6019+15.99	0.00	547562.7191	582471.2685
16008	6021+07.69	0.00	547455.6757	582630.2982
16009	6022+12.85	0.00	547450.9956	582735.3515
16010	6024+60.60	0.00	547419.5959	582981.1062
16011	6024+98.93	0.00	547386.7669	583000.8916
16012	6025+35.34	0.00	547350.1788	582999.7072



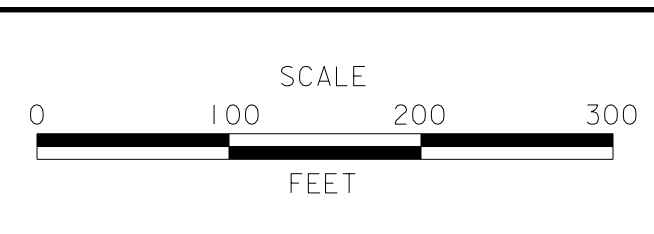
HORIZONTAL / VERTICAL CONTROL DATA					
POINT	STATION	OFFSET	NORTHING	EASTING	ELEVATION
TP 124	75+82.54	27.62 RT	547221.7421	583458.7977	55.88
TP 125	82+61.66	26.52 RT	547136.7637	584132.5824	55.70
TP 175	69+04.30	30.90 RT	547304.4410	582785.6110	53.78

NOTES:
 HORIZONTAL - PROJECT BASED ON THE DELAWARE STATE PLAN COORDINATE SYSTEM (NAD 83/91)
 VERTICAL - PLAN ELEVATIONS ARE BASED ON N.G.S SURVEY DATUM (NAVD 88)
 GPS BENCHMARK K38 ELEV. 62.44 FEET N 554786.07 E 571138.31

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\HY04.DGN [SHEET: HY04]



ADDENDUMS / REVISIONS



**JAMISON CORNER ROAD,
 RELOCATED AT
 BOYDS CORNER ROAD**

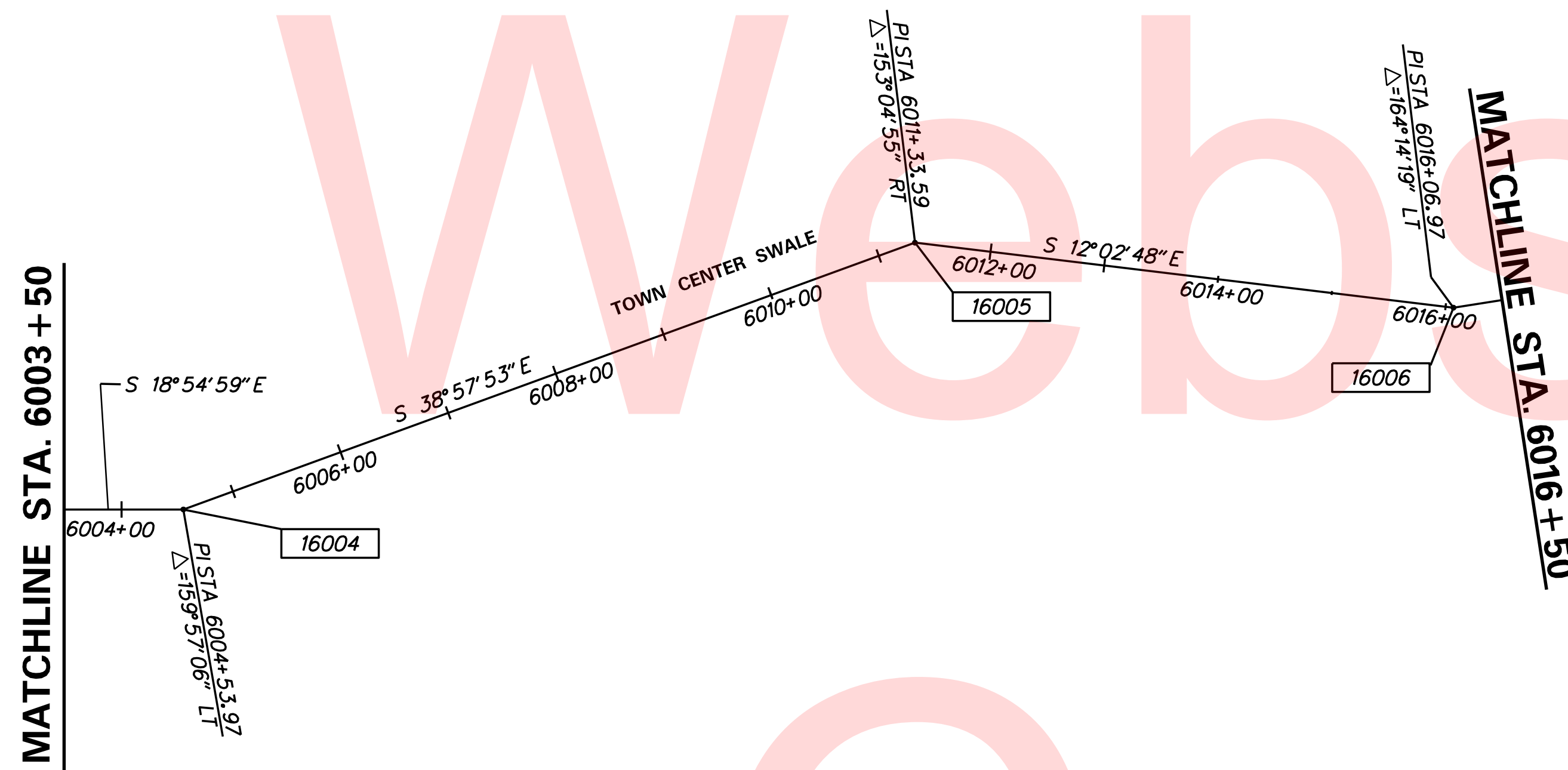
CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: WJD
	CHECKED BY: BPH

HORIZONTAL AND VERTICAL CONTROL	SHEET NO. 15
	TOTAL SHTS. 123

Unofficial

Website

Copy



CONSTRUCTION ALIGNMENT CONTROL				
POINT	STATION	OFFSET	NORTHING	EASTING
16004	6004+53.97	0.00	549032.1645	581730.7276
16005	6011+33.59	0.00	548503.7334	582158.1028
16006	6016+06.97	0.00	548040.7797	582256.9004

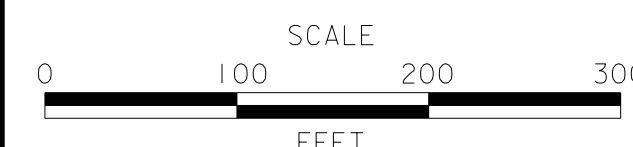
[SHEET: HV05]

DATE: 6/22/2017

PLOTTED BY: BDOUGHERTY
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDCORNERROAD\CADD\CADD_JCR\HV05.DGN

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

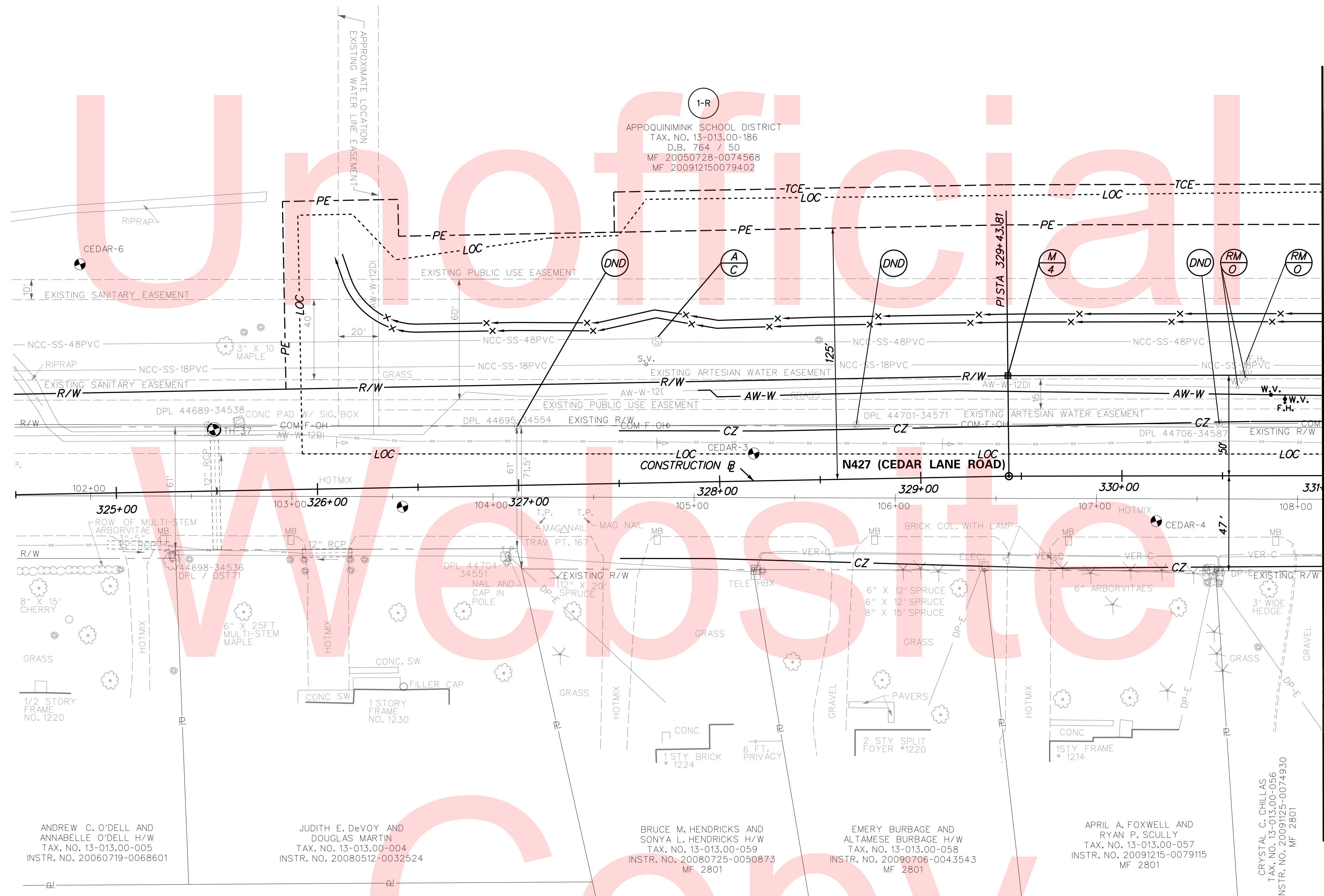
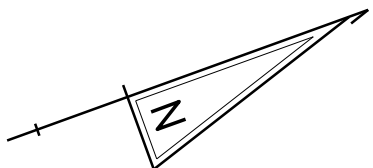


**JAMISON CORNER ROAD,
 RELOCATED AT
 BOYDS CORNER ROAD**

CONTRACT	BRIDGE NO.
T200912002	DESIGNED BY: WJD
COUNTY	CHECKED BY: BPH
NEW CASTLE	

**HORIZONTAL AND
 VERTICAL CONTROL**

SHEET NO.
16
TOTAL SHTS.
123



MATCH LINE STA. 331+00

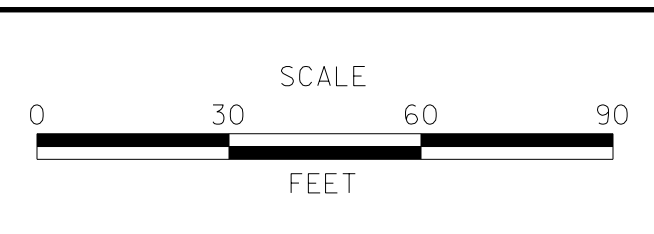
RIGHT-OF-WAY MONUMENT SCHEDULE					
NO.	TYPE	STATION	OFFSET	NORTHING	EASTING
M-1*	IRON CAP	320+14.00	-40.21	546598.4493	580113.4956
M-2*	IRON CAP	320+14.00	-50.00	546601.6160	580104.2351
M-3*	IRON CAP	324+03.73	-50.00	546970.3788	580230.3346
M-4	IRON CAP	329+43.81	-50.00	547481.5601	580404.4426

* MONUMENT IS NOT SHOWN ON THIS SHEET.

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\CP01.DGN [SHEET: CP01]



ADDENDUMS / REVISIONS	



**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: WJD
	CHECKED BY: BPH

CONSTRUCTION PLAN

SHEET NO. 17
TOTAL SHTS. 123

FLARED END SECTION SCHEDULE			
NO.	SIZE / TYPE	SLOPE	SAFETY GRATE
103	36" RCP	0.0000	NO

CURB SCHEDULE		
NO.	ITEM DESCRIPTION / TYPE	LENGTH
100	INTEGRAL PCC CURB AND GUTTER, TYPE 3-8	340'
120	INTEGRAL PCC CURB AND GUTTER, TYPE 3-8	257'
130	PCC CURB, TYPE 1-8	10'

MANHOLE SCHEDULE					
NO.	STATION	OFFSET	TYPE/SIZE	T.G. EL.	INV. EL.
600	335+00.00	48.00' LT	66" x 66"	66.30	56.52
601	1032+47.74	84.70' LT	72" x 72"	66.75	55.98
602	1033+70.00	60.00' LT	66" x 66"	66.75	55.42

* CONTRACTOR SHALL VERIFY T.G. EL. IN FIELD AND ADJUST AS NEEDED.

DRAINAGE INLET SCHEDULE						
NO.	STATION	OFFSET	BOX SIZE	GRATE	T.G. EL.	INV. EL.
113	1030+28.50	55.99' LT	72" x 72"	1	65.61	58.71
116	1030+33.35	88.50' RT	72" x 24"	1	64.96	58.02
117	334+37.01	34.91' LT	72" x 72"	4	65.20	59.42
133	333+93.59	52.04' RT	72" x 48"	4	64.96	61.66
134	1032+28.70	35.64' LT	48" x 48"	4	65.84	62.84
140	334+84.72	34.67' LT	72" x 72"	4	65.25	59.69
500	334+84.66	38.86' RT	72" x 48"	4	65.40	60.01
501	335+16.14	37.70' RT	72" x 48"	4	65.57	60.19
615	1032+90.00	99.89' LT	48" x 30"	1	62.85	56.10
616	1033+69.94	83.00' LT	48" x 48"	1	63.00	55.62

DRAINAGE PIPE SCHEDULE						
NO.	SIZE / TYPE	CLASS	LENGTH	SLOPE	INV. EL.	DIS. EL.
108	36" RCP	III	96'	0.0014	59.42	59.29
109	36" RCP	IV	48'	0.0031	59.69	59.55
111	36" RCP	III	145'	0.0042	58.71	58.12
113	36" HDPE	S	86'	0.0050	58.02	57.60
131	18" RCP	III	92'	0.0030	61.66	61.36
132	15" RCP	III	48'	0.0033	62.84	61.76
141	18" RCP	III	191'	0.0030	60.38	59.79
500	24" RCP	III	74'	0.0031	60.01	59.79
501	15" RCP	III	32'	0.0028	60.19	60.11
599	42" RCP	III	70'	0.0032	56.85	56.62
600	42" RCP	III	110'	0.0042	56.52	56.08
601	42" RCP	III	124'	0.0039	55.98	55.52
602	42" RCP	III	227'	0.0035	55.42	54.64
615	18" RCP	III	81'	0.0051	56.10	55.71
616	18" RCP	III	23'	0.0049	55.62	55.52

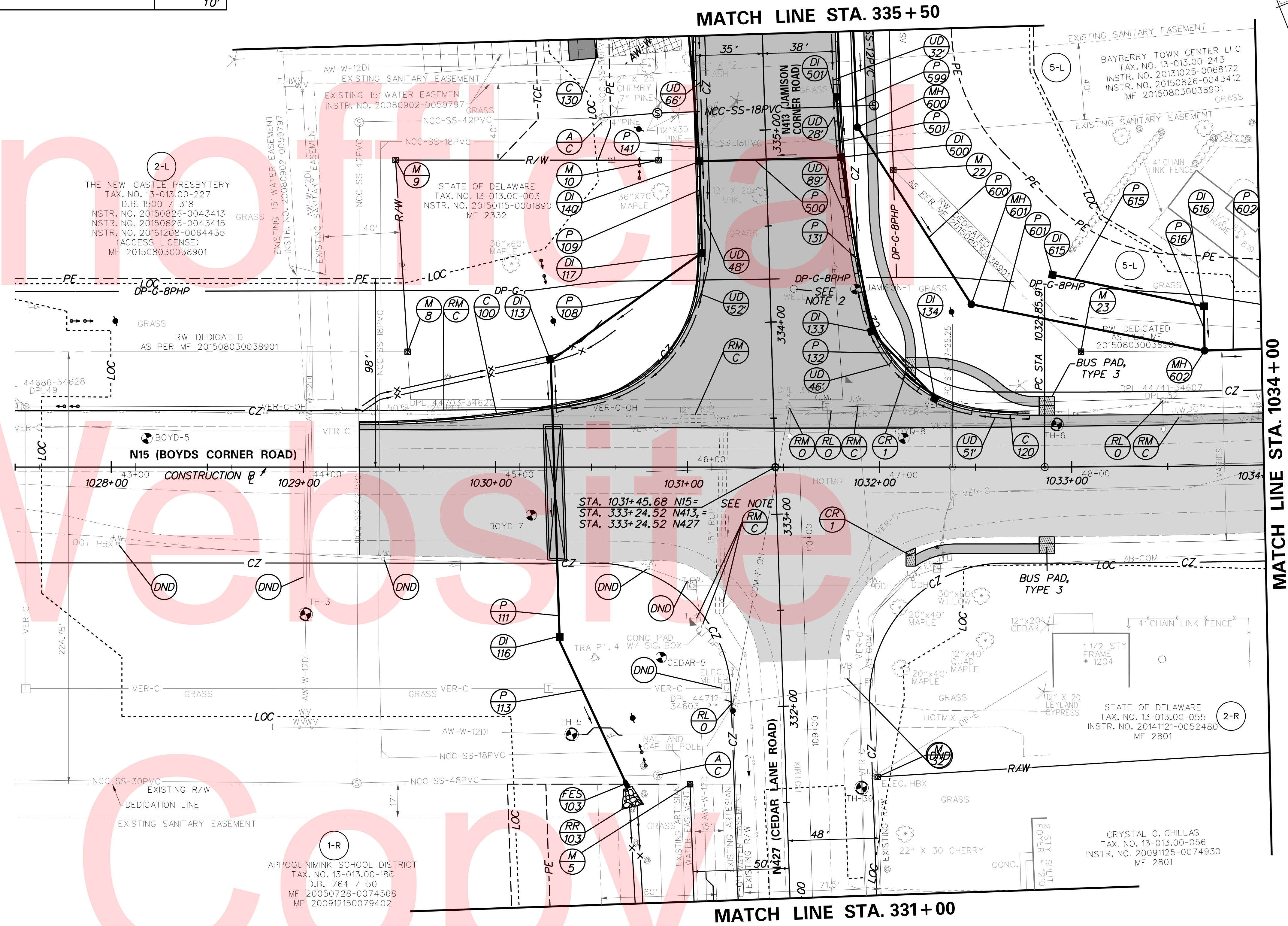
RIGHT-OF-WAY MONUMENT SCHEDULE					
NO.	TYPE	STATION	OFFSET	NORTHING	EASTING
M-5	IRON CAP	331+61.15	-50.00	547686.8823	580478.2988
M-6*	IRON CAP	1026+06.27	-60.00	548079.2157	580101.8329
M-7*	IRON CAP	1026+06.26	-98.00	548114.5172	580115.8971
M-8	IRON CAP	1029+54.32	-60.00	547950.2913	580425.1214
M-9	IRON CAP	1029+48.03	-159.74	548045.2645	580456.2336
M-10	IRON CAP	334+85.91	-56.00	547994.4884	580583.3319
M-22	IRON CAP	344+77.21	66.00	547944.5136	580694.9664
M-23	IRON CAP	1033+05.00	-60.00	547820.4933	580750.6857
M-32	IRON CAP	331+61.58	47.76	547654.1870	580570.4311

* MONUMENT IS NOT SHOWN ON THIS SHEET.

UTILITY TEST HOLE SCHEDULE						
NO.	UTILITY	STATION	OFFSET	GRND EL.	COVER	O.D. & MATERIAL
3	AW-W	1029+01.25	76.57' RT	65.58	4.83	12" D. I. WATER
5	AW-W	1030+39.66	139.04' RT	63.54	4.02	12" D. I. WATER
6	VER-C	1032+92.19	22.24' LT	66.85	3.08	1.25" D.B. CABLE
39	VER-C	1031+90.61	166.88' RT	62.68	1.96	1" D.B. CABLE

RIPRAP SCHEDULE		
NO.	TYPE	AREA
103	R-4	14 SY

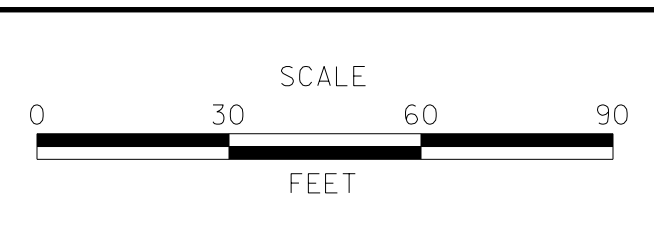
- NOTES:
- FLOWABLE FILL AND PLUG EXISTING 15" RCP AND REMOVE SECTIONS OF PIPE OUTSIDE EDGE OF ROAD PER STANDARD DETAIL NO. D-10. COST SHALL BE INCIDENTAL TO PAY ITEM 208001.
 - EXISTING WELL IS TO BE ABANDONED BY CONTRACTOR.



PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR_YCPO2.DGN [SHEET: CP02]



ADDENDUMS / REVISIONS	



**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: WJD
	CHECKED BY: BPH

CONSTRUCTION PLAN

SHEET NO. 18
TOTAL SHTS. 123

DRAINAGE PIPE SCHEDULE						
NO.	SIZE / TYPE	CLASS	LENGTH	SLOPE	INV. EL.	DIS. EL.
502	18" RCP	IV	50'	0.0041	62.70	62.50
503	14" x 23" ERCP	IV	203'	0.0047	63.50	62.56
504	18" RCP	IV	49'	0.0030	62.44	62.30
505	30" RCP	III	39'	0.0027	61.60	61.50
506	19" x 30" ERCP	IV	93'	0.0000	62.50	62.50
507	19" x 30" ERCP	IV	93'	0.0000	62.50	62.50
508	18" RCP	III	100'	0.0049	63.84	63.36
509	18" RCP	III	50'	0.0048	63.24	63.00
510	19" x 30" ERCP	IV	93'	0.0000	62.50	62.50
530	19" x 30" ERCP	V	91'	0.0035	62.31	62.00
531	14" x 23" ERCP	IV	28'	0.0028	62.48	62.41
535	18" RCP	IV	40'	0.0041	62.96	62.80
536	24" RCP	III	61'	0.0035	61.90	61.70
537	18" RCP	IV	56'	0.0048	63.60	63.35
598	36" RCP	V	96'	0.0053	58.00	57.51
620	29" x 45" ERCP	III	59'	0.0073	57.41	57.01

DRAINAGE INLET SCHEDULE						
NO.	STATION	OFFSET	BOX SIZE	GRATE	T.G. EL.	INV. EL.
141	336+75.00	45.54' LT	48" x 30"	1	64.73	60.38
503	336+48.03	80.30' LT	72" x 48"	4	67.30	63.50
504	336+40.00	45.92' RT	66" x 30"	4	65.89	62.44
505	4100+55.16	55.95' RT	72" x 48"	4	66.91	61.60
506	4100+99.09	18.99' RT	34" x 24"	4	66.33	62.70
507	4100+97.11	21.02' LT	34" x 24"	4	66.39	62.96
508	340+40.00	45.00' LT	48" x 30"	1	68.04	63.84
509	341+43.58	43.67' RT	48" x 48"	4	67.01	63.60
530	338+48.62	45.50' LT	48" x 48"	1	65.71	62.31
531	338+50.00	73.08' LT	48" x 30"	1	66.02	62.48
536	338+50.00	45.67' RT	48" x 48"	4	66.83	61.90
620	335+69.89	105.66' RT	72" x 72"	1	63.60	57.41

RIPRAP SCHEDULE		
NO.	TYPE	AREA
500	R-4	10 SY
501	R-4	10 SY
503	R-5	25 SY
504	R-4	11 SY

CURB SCHEDULE		
NO.	ITEM DESCRIPTION / TYPE	LENGTH
160	INTEGRAL PCC CURB AND GUTTER, TYPE 3-8	468'
180	PCC CURB, TYPE 1-8	214'
200	INTEGRAL PCC CURB AND GUTTER, TYPE 3-8	284'
220	PCC CURB, TYPE 2 *	80'
240	PCC CURB, TYPE 2 *	24'
260	PCC CURB, TYPE 2 *	64'
280	PCC CURB, TYPE 2 *	94'
640	INTEGRAL PCC CURB AND GUTTER, TYPE 3-8	25'

* THE COST FOR CONSTRUCTING THIS CURB IS INCIDENTAL TO ITEM 705530 - TRIANGULAR CHANNELIZING ISLANDS. LENGTH SHOWN IS FOR ESTIMATING PURPOSES ONLY.

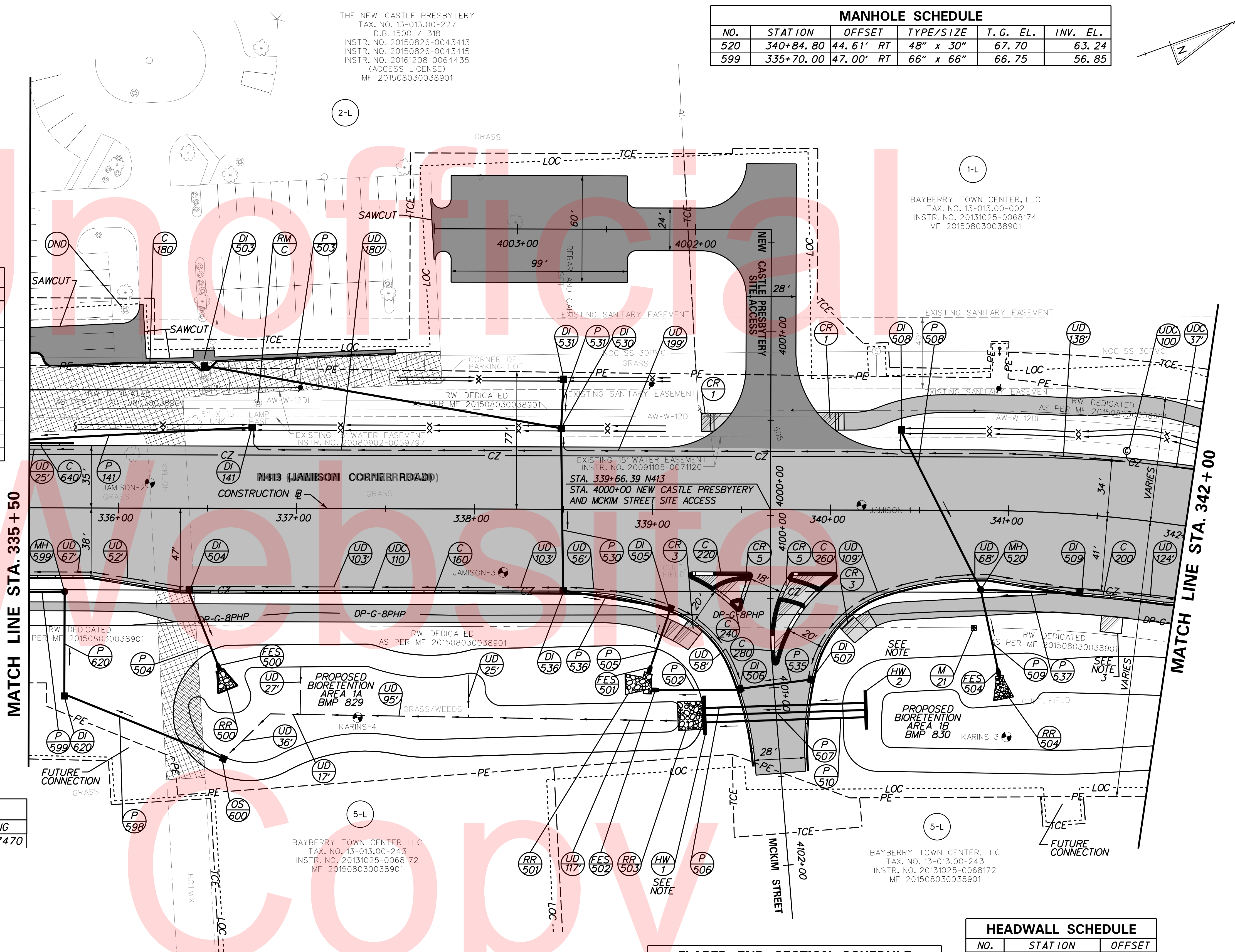
RIGHT-OF-WAY MONUMENT SCHEDULE					
NO.	TYPE	STATION	OFFSET	NORTHING	EASTING
M-21	CONCRETE	340+80.75	66.00	548511.5263	580901.7470

BEST MANAGEMENT PRACTICE SCHEDULE					
NO.	TYPE	START STA.	OFFSET	END STA.	OFFSET
829	BIORETENTION	336+31	112' RT.	339+27.36	112' RT.
830	BIORETENTION	340+11.31	115' RT.	345+41.11	115' RT.

OUTLET STRUCTURE SCHEDULE **						
NO.	STATION	OFFSET	BOX SIZE	T.S. EL. *	INV. EL.	
600	336+59.41	140.63' LT	72" x 72"	63.00	58.00	

* TOP OF STRUCTURE ELEVATION
 ** SEE STORMWATER MANAGEMENT PLANS AND DETAILS FOR TRASH RACK DETAIL.

MANHOLE SCHEDULE					
NO.	STATION	OFFSET	TYPE/SIZE	T.G. EL.	INV. EL.
520	340+84.80	44.61' RT	48" x 30"	67.70	63.24
599	335+70.00	47.00' RT	66" x 66"	66.75	56.85



FLARED END SECTION SCHEDULE			
NO.	SIZE / TYPE	SLOPE	SAFETY GRATE
500	18" RCP	0.0000	NO
501	30" RCP	0.0000	NO
502	18" RCP	0.0000	NO
504	18" RCP	0.0000	NO

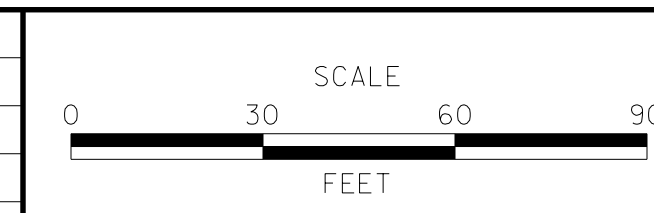
HEADWALL SCHEDULE		
NO.	STATION	OFFSET
1	339+29.64	115.54
2	340+20.26	112.33

NOTE:
 1. SEE HEADWALL DETAILS.
 2. SEE STORMWATER MANAGEMENT PLANS FOR FULL CONSTRUCTION OF PROPOSED BIORETENTION AREA 1A ON PARCEL 2-L.
 3. BUS STOP WITH SHELTER PAD, TYPE 2. SHELTER TO BE INSTALLED BY OTHERS.

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDCORNERROAD_CADD\CADD_JCR\CP03.DGN [SHEET: CP03]



ADDENDUMS / REVISIONS	



JAMISON CORNER ROAD,
 RELOCATED AT
 BOYDS CORNER ROAD

CONTRACT	BRIDGE NO.	
T200912002	DESIGNED BY:	WJD
COUNTY	CHECKED BY:	BPH
NEW CASTLE		

CONSTRUCTION PLAN		SHEET NO.
		19
		TOTAL SHTS.
		123

DRAINAGE PIPE SCHEDULE						
NO.	SIZE / TYPE	CLASS	LENGTH	SLOPE	INV. EL.	DIS. EL.
511	18" HDPE	S	45'	0.0034	62.00	61.86
512	18" HDPE	S	128'	0.0034	62.62	62.20
513	18" HDPE	S	21'	0.0100	61.22	61.01
514	18" RCP	111	57'	0.0051	60.24	59.96
515	18" HDPE	S	54'	0.0049	59.76	59.50
*538	30" HDPE	S	25'	0.0024	56.66	56.60
544	15" HDPE	S	15'	0.0080	62.21	62.09

* SEE NOTE 1

FLARED END SECTION SCHEDULE			
NO.	SIZE / TYPE	SLOPE	SAFETY GRATE
505	18" HDPE	0.0000	NO
506	18" HDPE	0.0000	NO
517	30" HDPE	0.0000	NO
543	15" HDPE	0.0000	NO
544	15" HDPE	0.0000	NO
545	18" HDPE	0.0000	NO
546	18" HDPE	0.0000	NO

RIPRAP SCHEDULE		
NO.	TYPE	AREA
505	R-4	11 SY
506	R-4	14 SY
517	R-4	11 SY
544	R-4	10 SY
546	R-4	10 SY

NOTE:
1. PLUG P538 PER STANDARD DETAIL NO. D-10. COST TO PLUG PIPE SHALL BE INCIDENTAL TO PAY ITEM 202000.

CURB SCHEDULE		
NO.	ITEM DESCRIPTION / TYPE	LENGTH
300	INTEGRAL PCC CURB AND GUTTER, TYPE 3-8	466'
320	PCC CURB, TYPE 2	258'
440	PCC CURB, TYPE 2 *	42'
460	PCC CURB, TYPE 2 *	44'
480	PCC CURB, TYPE 2 *	37'
500	PCC CURB, TYPE 2 *	75'
520	PCC CURB, TYPE 2 *	23'

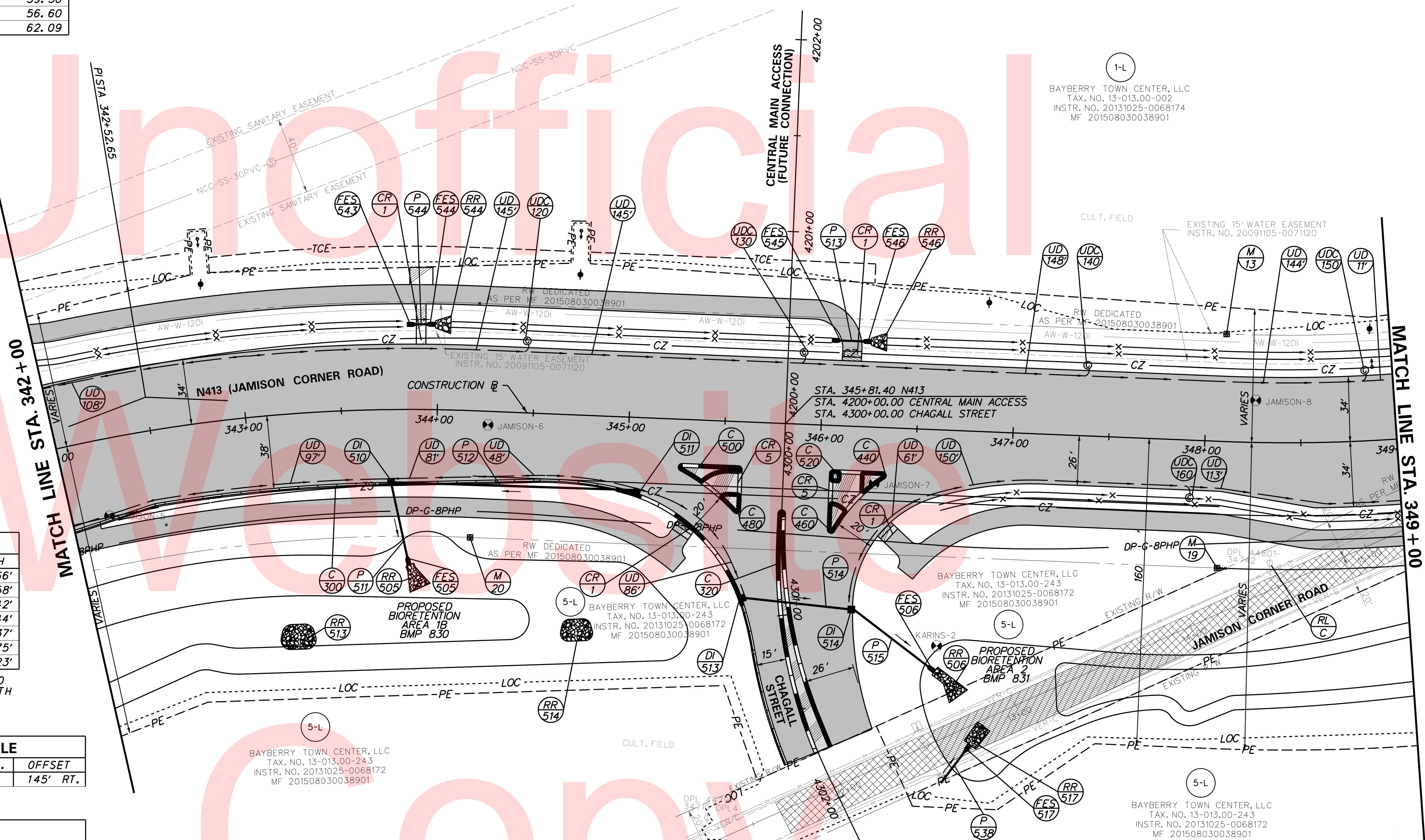
* THE COST FOR CONSTRUCTING THIS CURB IS INCIDENTAL TO ITEM 705530 - TRIANGULAR CHANNELIZING ISLANDS. LENGTH SHOWN IS FOR ESTIMATING PURPOSES ONLY.

BEST MANAGEMENT PRACTICE SCHEDULE					
NO.	TYPE	START STA.	OFFSET	END STA.	OFFSET
831	BIORETENTION	346+46	145' RT.	350+65	145' RT.

DRAINAGE INLET SCHEDULE						
NO.	STATION	OFFSET	BOX SIZE	GRATE	T.G. EL.	INV. EL.
510	343+75.41	37.87' RT	48" x 30"	4	67.98	62.00
511	345+05.47	38.72' RT	72" x 48"	4	67.58	62.62
513	4300+89.69	20.43' RT	48" x 30"	4	65.57	60.24
514	4301+00.92	35.71' LT	48" x 30"	4	64.94'	59.76

RIGHT-OF-WAY MONUMENT SCHEDULE					
NO.	TYPE	STATION	OFFSET	NORTHING	EASTING
M-13	CONCRETE	348+09.04	-56.00	549142.0908	581243.1539
M-19	CONCRETE	348+09.04	66.00	549058.3357	581331.8618
M-20	CONCRETE	344+19.78	66.00	548775.3011	581064.6296

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\CP04.DGN [SHEET: CP04]



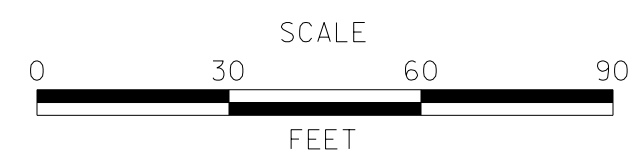
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BAYBERRY TOWN CENTER, LLC
TAX. NO. 13-013.00-243
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BAYBERRY TOWN CENTER, LLC
TAX. NO. 13-013.00-243
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BAYBERRY TOWN CENTER, LLC
TAX. NO. 13-013.00-243
INSTR. NO. 20131025-0068172
MF 201508030038901

ADDENDUMS / REVISIONS



JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD

CONTRACT	T200912002	BRIDGE NO.	
COUNTY	NEW CASTLE	DESIGNED BY:	MJM
		CHECKED BY:	BPH

CONSTRUCTION PLAN

SHEET NO.	20
TOTAL SHTS.	123



DRAINAGE PIPE SCHEDULE						
NO.	SIZE / TYPE	CLASS	LENGTH	SLOPE	INV. EL.	DIS. EL.
519	18" HDPE	S	39'	0.0027	59.65	59.55
520	15" HDPE	S	53'	0.0043	56.65	56.45
522	18" RCP	III	30'	0.0050	59.87	59.74
523	19" X30" ERCP	III	123'	0.0025	55.31	55.00
524	24" RCP	IV	96'	0.0051	55.98	55.51
525	24" HDPE	S	33'	0.0009	55.19	55.16
528	18" RCP	IV	35'	0.0035	59.90	59.79
529	15" HDPE	S	40'	0.0501	62.00	60.07
532	15" RCP	III	45'	0.0035	60.14	60.00
533	18" RCP	III	49'	0.0050	59.74	59.50
542	15" RCP	V	43'	0.0042	62.08	61.90
540	15" RCP	V	31'	0.0023	62.60	62.50
543	15" RCP	V	24'	0.0048	63.46	63.31

DRAINAGE INLET SCHEDULE						
NO.	STATION	OFFSET	BOX SIZE	GRATE	T.G. EL.	INV. EL.
518	349+94.19	45.52' LT	48" x 48"	1	59.76	56.65
519	349+94.45	39.83' RT	48" x 30"	1	63.50	59.65
520	350+49.26	37.27' LT	48" x 30"	1	60.00	55.98
527	349+94.10	4.77' RT	72" x 48"	4	63.48	59.90
528	351+00.68	59.98' RT	34" x 24"	4	63.26	59.87
532	350+38.36	5.00' RT	48" x 30"	4	63.60	60.14
533	350+73.23	64.12' RT	48" x 30"	4	63.26	59.74
534	350+60.63	58.20' RT	48" x 30"	1	64.10	55.31

RIGHT-OF-WAY MONUMENT SCHEDULE					
NO.	TYPE	STATION	OFFSET	NORTHING	EASTING
M-14	CONCRETE	350+94.48	-56.00	549362.9336	581389.5390
M-15	IRON CAP	351+33.63	-56.00	549398.7728	581405.2874
M-16	IRON CAP	351+36.41	-40.00	549394.8880	581421.0569
M-17	IRON CAP	351+50.99	66.00	549365.5902	581523.9652

OUTLET STRUCTURE SCHEDULE **					
NO.	STATION	OFFSET	BOX SIZE	T.S. EL.*	INV. EL.
523	350+35.29	151.48' RT	34" x 18"	59.50	55.19

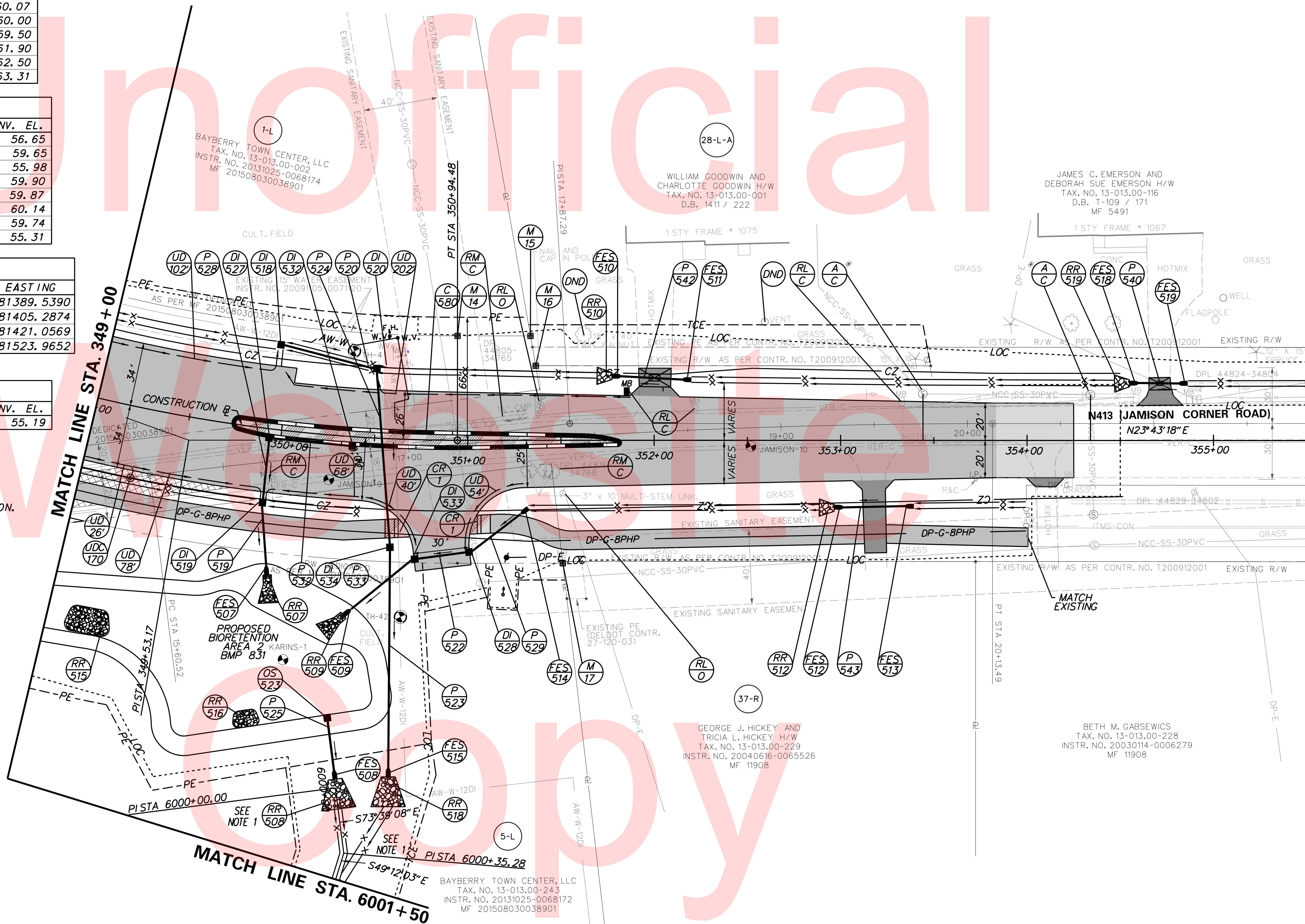
* TOP OF STRUCTURE ELEVATION
 ** SEE STORMWATER MANAGEMENT PLANS AND DETAILS FOR TRASH RACK DETAIL.

NOTE:
 1. FES-508 AND P-525 ARE TEMPORARY STRUCTURES AND ARE TO BE REMOVED BY SITE DEVELOPER DURING SITE CONSTRUCTION.

CURB SCHEDULE		
NO.	ITEM DESCRIPTION / TYPE	LENGTH
580	PCC CURB, TYPE 2	427'

RIPRAP SCHEDULE		
NO.	TYPE	AREA
507	R-4	10 SY
508	R-4	24 SY
509	R-4	10 SY
510	R-4	6 SY
512	R-4	6 SY
518	R-4	24 SY
519	R-4	6 SY

FLARED END SECTION SCHEDULE			
NO.	SIZE / TYPE	SLOPE	SAFETY GRATE
507	18" HDPE	0.0000	NO
508	24" HDPE	0.0000	NO
509	18" RCP	0.0000	NO
510	15" RCP	0.0000	NO
511	15" RCP	0.0000	NO
512	15" RCP	0.0000	NO
513	15" RCP	0.0000	NO
514	15" HDPE	0.0000	YES
515	19" X30" ERCP	0.0000	NO
518	15" RCP	0.0000	NO
519	15" RCP	0.0000	NO



*NOTE: MULTIPLE ADJUSTMENTS WILL BE NECESSARY DUE TO PHASING

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDCORNERROAD\CADD\COR_CRF05.DGN [SHEET: CP05]

DRAINAGE PIPE SCHEDULE						
NO.	SIZE / TYPE	CLASS	LENGTH	SLOPE	INV. EL.	DIS. EL.
603	42" RCP	111	229'	0.0037	54.54	53.72
604	48" RCP	111	208'	0.0040	53.62	52.81
605	48" RCP	111	276'	0.0035	52.71	51.76

MANHOLE SCHEDULE					
NO.	STATION	OFFSET	TYPE/SIZE	T.G. EL.	INV. EL.
603	1035+99.31	59.39' LT	66" x 66"	65.75	54.54
604	1038+30.00	54.12' LT	66" x 66"	66.30	53.62
605	1040+40.00	60.00' LT	66" x 66"	66.40	52.71

UTILITY TEST HOLE SCHEDULE						
NO.	UTILITY	STATION	OFFSET	GRND EL.	COVER	O.D. & MATERIAL
7	CU-G-6PE	1040+92.93	56.74	63.67	3.96	6" PL. GAS

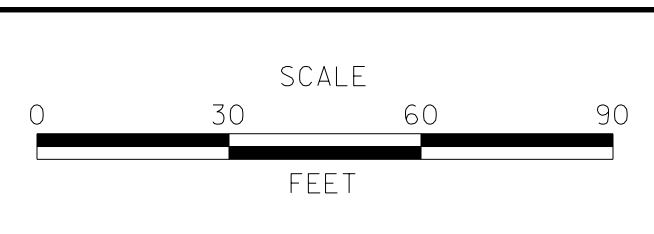
RIGHT-OF-WAY MONUMENT SCHEDULE					
NO.	TYPE	STATION	OFFSET	NORTHING	EASTING
M-35	IRON CAP	1035+86.54	37.28'	547632.4330	580980.9567

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\CF09.DGN [SHEET: CF09]



NOTE:
 ADDITIONAL RIGHT-OF-WAY WILL BE ACQUIRED FROM PARCELS ALONG THE SOUTH SIDE OF BOYD'S CORNER ROAD TO INCLUDE CLEAR ZONE WHEN BOYD'S CORNER ROAD IS WIDENED AS PART OF CONTRACT T200712002. EXISTING CLEAR ZONE IS OUTSIDE OF EXISTING RIGHT-OF-WAY.

ADDENDUMS / REVISIONS



JAMISON CORNER ROAD, RELOCATED AT BOYD'S CORNER ROAD

CONTRACT	BRIDGE NO.
T200912002	DESIGNED BY: WJD
COUNTY	CHECKED BY: BPH
NEW CASTLE	

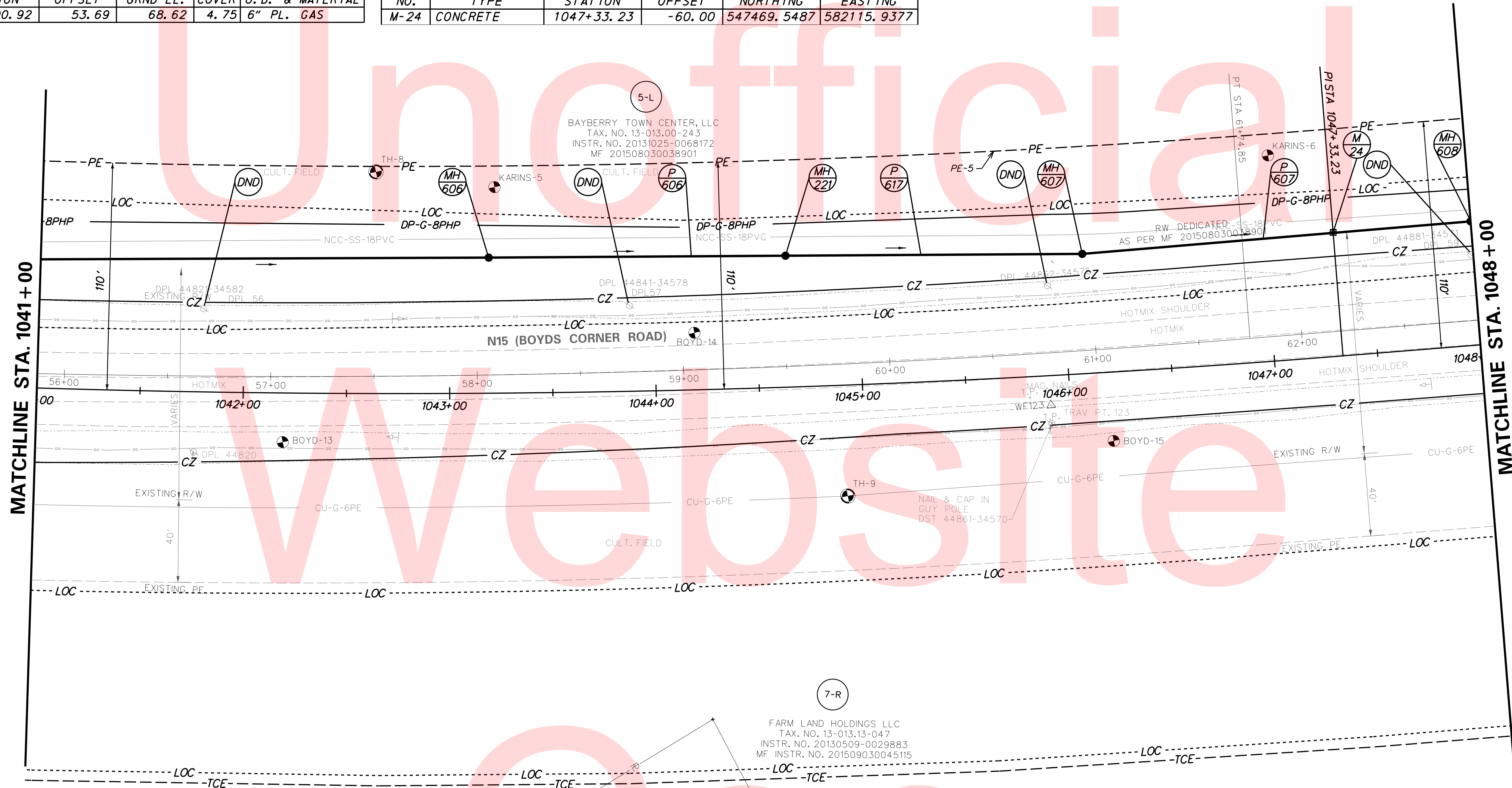
CONSTRUCTION PLAN	SHEET NO.
	22
CONSTRUCTION PLAN	TOTAL SHTS.
	123

DRAINAGE PIPE SCHEDULE						
NO.	SIZE / TYPE	CLASS	LENGTH	SLOPE	INV. EL.	DIS. EL.
606	48" RCP	111	144'	0.0099	51.66	50.30
607	54" RCP	1V	189'	0.0030	49.64	49.09
617	48" RCP	111	144'	0.0033	50.20	49.74

MANHOLE SCHEDULE					
NO.	STATION	OFFSET	TYPE/SIZE	T.G. EL.	INV. EL.
221	1044+64.80	63.66' LT	72" x 72"	60.70	50.20
606	1043+19.41	65.68' LT	72" x 72"	62.60	51.66
607	1046+10.00	58.00' LT	72" x 72"	58.80	49.64
608	1048+00.00	60.00' LT	72" x 72"	55.95	48.99

UTILITY TEST HOLE SCHEDULE						
NO.	UTILITY	STATION	OFFSET	GRND EL.	COVER	O. D. & MATERIAL
9	CU-G-6PE	1044+90.92	53.69	68.62	4.75	6" PL. GAS

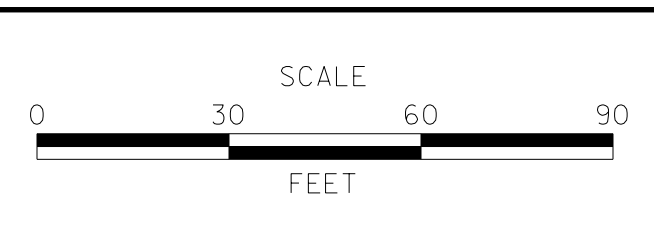
RIGHT-OF-WAY MONUMENT SCHEDULE					
NO.	TYPE	STATION	OFFSET	NORTHING	EASTING
M-24	CONCRETE	1047+33.23	-60.00	547469.5487	582115.9377



PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\CF10.DGN [SHEET: CP10]



ADDENDUMS / REVISIONS	



**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

CONTRACT	BRIDGE NO.	DESIGNED BY: WJD
T200912002		
COUNTY	CHECKED BY: BPH	
NEW CASTLE		

CONSTRUCTION PLAN

SHEET NO.	23
TOTAL SHTS.	123

FLARED END SECTION SCHEDULE				
NO.	SIZE / TYPE	SLOPE	SAFETY GRATE	
617	43" x 68" CONC.	0.0000	NO	

RIPRAP SCHEDULE		
NO.	TYPE	AREA
617	R-5	30 SY

MANHOLE SCHEDULE					
NO.	STATION	OFFSET	TYPE/SIZE	T.G. EL.	INV. EL.
609	1049+83.84	54.80' LT	84" x 84"	54.35	47.95

DRAINAGE PIPE SCHEDULE						
NO.	SIZE / TYPE	CLASS	LENGTH	SLOPE	INV. EL.	DIS. EL.
608	54" RCP	IV	184'	0.0045	48.99	48.19
609	43" X 68" ERCP	111	222'	0.0015	47.95	47.63

DRAINAGE PIPE SCHEDULE		
NO.	INV. EL.	DIS. EL.
225	52.16	47.80
611	48.75	47.80
612	47.80	47.47

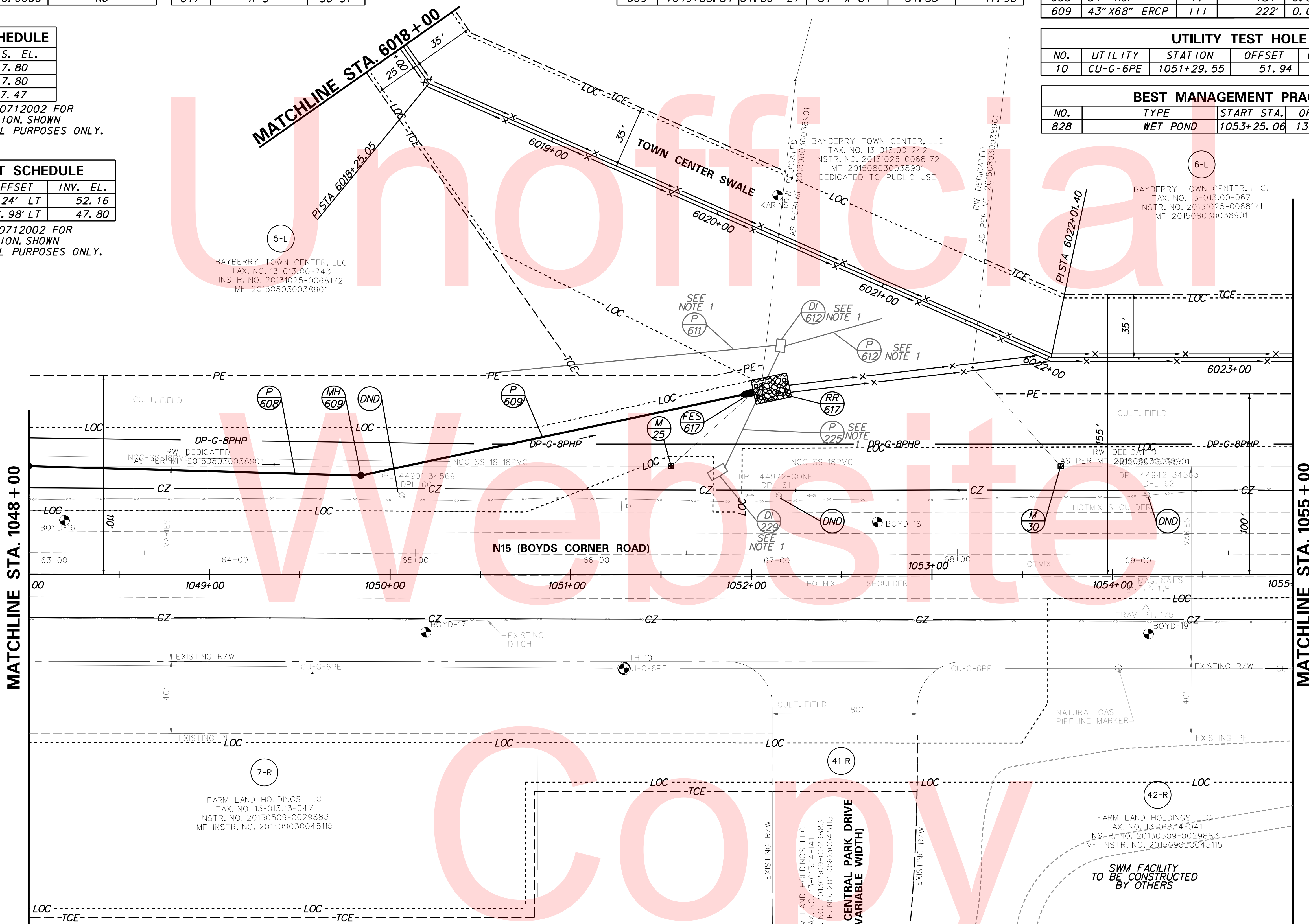
NOTE: PER CONTRACT T200712002 FOR FUTURE CONSTRUCTION, SHOWN FOR INFORMATIONAL PURPOSES ONLY.

DRAINAGE INLET SCHEDULE			
NO.	STATION	OFFSET	INV. EL.
229	1051+82.12	56.24' LT	52.16
612	1052+16.27	126.98' LT	47.80

NOTE: PER CONTRACT T200712002 FOR FUTURE CONSTRUCTION, SHOWN FOR INFORMATIONAL PURPOSES ONLY.

UTILITY TEST HOLE SCHEDULE					
NO.	UTILITY	STATION	OFFSET	GRND EL.	COVER O.D. & MATERIAL
10	CU-G-6PE	1051+29.55	51.94	53.80	4.79 6" PL. GAS

BEST MANAGEMENT PRACTICE SCHEDULE					
NO.	TYPE	START STA.	OFFSET	END STA.	OFFSET
828	WET POND	1053+25.06	135' RT.	1056+38.50	135' RT.



RIGHT-OF-WAY MONUMENT SCHEDULE					
NO.	TYPE	STATION	OFFSET	NORTHING	EASTING
M-25	IRON CAP	1051+55.64	-60.00	547416.0134	582534.9396
M-30	IRON CAP	1053+71.23	-60.00	547388.6895	582748.7945

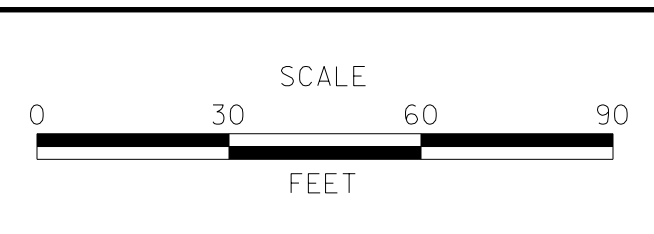
MATCH LINE A

NOTE:
1. PER CONTRACT T200712002 FOR FUTURE CONSTRUCTION, SHOWN FOR INFORMATIONAL PURPOSES ONLY.

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\CP11.DGN [SHEET: CP11]



ADDENDUMS / REVISIONS	



**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: WJD
	CHECKED BY: BPH

CONSTRUCTION PLAN	SHEET NO. 24
	TOTAL SHTS. 123



UTILITY TEST HOLE SCHEDULE						
NO.	UTILITY	STATION	OFFSET	GRND EL.	COVER	O. D. & MATERIAL
13	CU-G-6PE	1055+20.77	51.46	51.51	5.50	6" PL. GAS
15	CU-G-6PE	1056+05.99	52.23	51.11	7.76	6" PL. GAS
17	CU-G-6PE	1060+73.09	51.11	55.51	4.30	6" PL. GAS

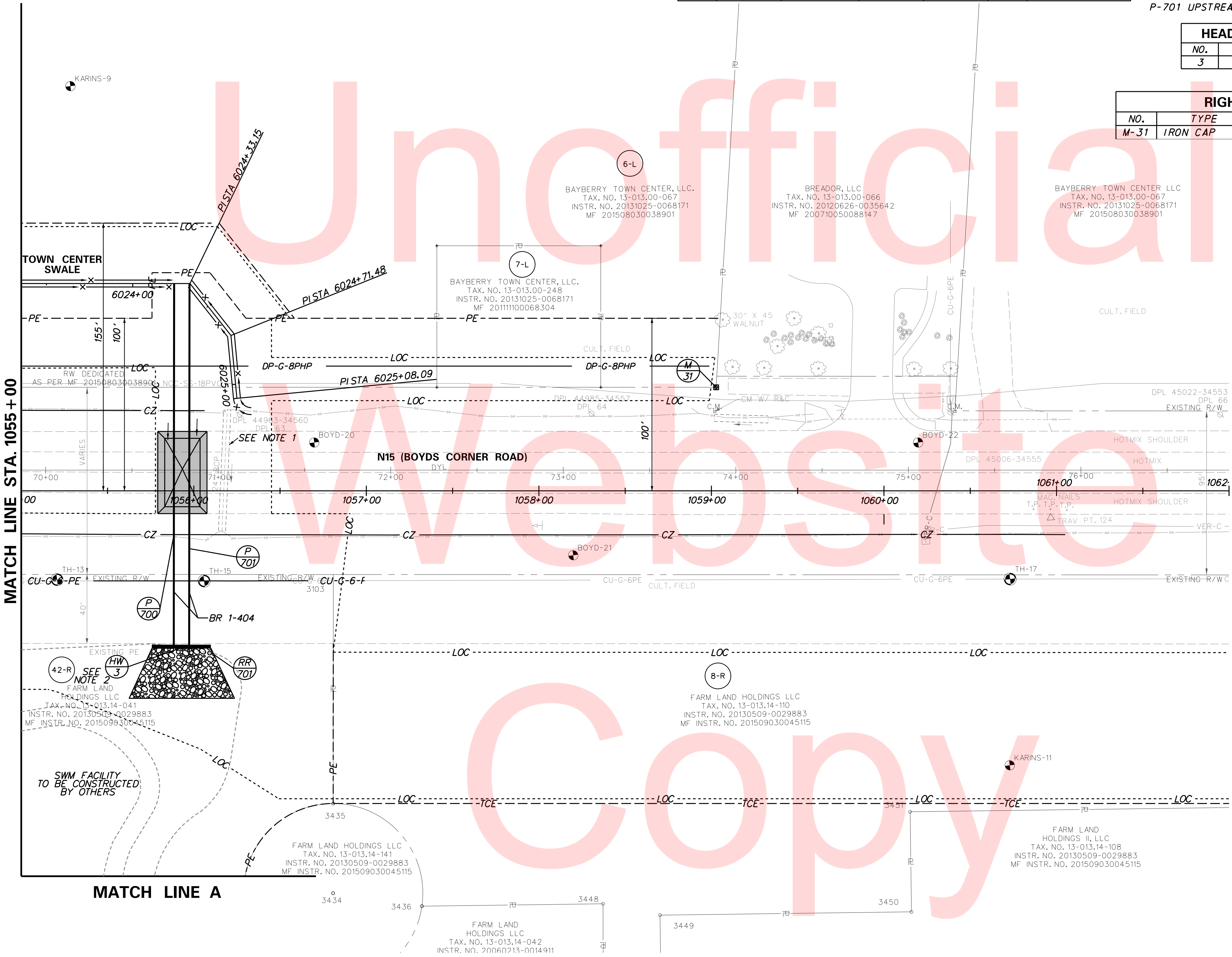
DRAINAGE PIPE SCHEDULE						
NO.	SIZE / TYPE	CLASS	LENGTH	SLOPE	INV. EL.	DIS. EL.
700	48" x 76" ERCP	IV	211'	0.0031	46.68	46.00
701	48" x 76" ERCP	IV	211'	0.0031	46.68	46.00

P-700 UPSTREAM END LOCATED AT STA. 1055+88.59 O/S 120.10 LT.
P-701 UPSTREAM END LOCATED AT STA. 1055+97.50 O/S 120.10 LT.

HEADWALL SCHEDULE		
NO.	STATION	OFFSET
3	1055+94.63	90.13

RIPRAP SCHEDULE		
NO.	TYPE	AREA
701	R-5	154 SY

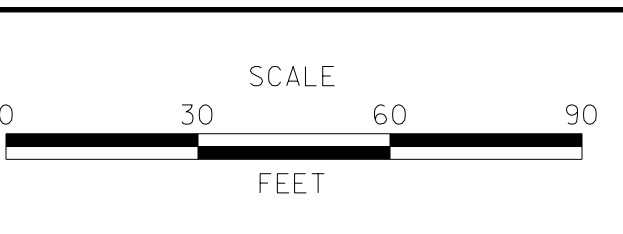
RIGHT-OF-WAY MONUMENT SCHEDULE					
NO.	TYPE	STATION	OFFSET	NORTHING	EASTING
M-31	IRON CAP	1059+02.72	-60.00	547321.3291	583276.0009



NOTE:
1. FLOWABLE FILL AND PLUG EXISTING 24" RCP PER STANDARD DETAIL NO. D-10. COST TO PLUG PIPE SHALL BE INCIDENTAL TO PAY ITEM 208001.
2. SEE STRUCTURAL PLANS FOR HEADWALL DETAILS.

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDCORNERROAD\CADD\CADD_JCR_VCP12.DGN [SHEET: CP12]

ADDENDUMS / REVISIONS

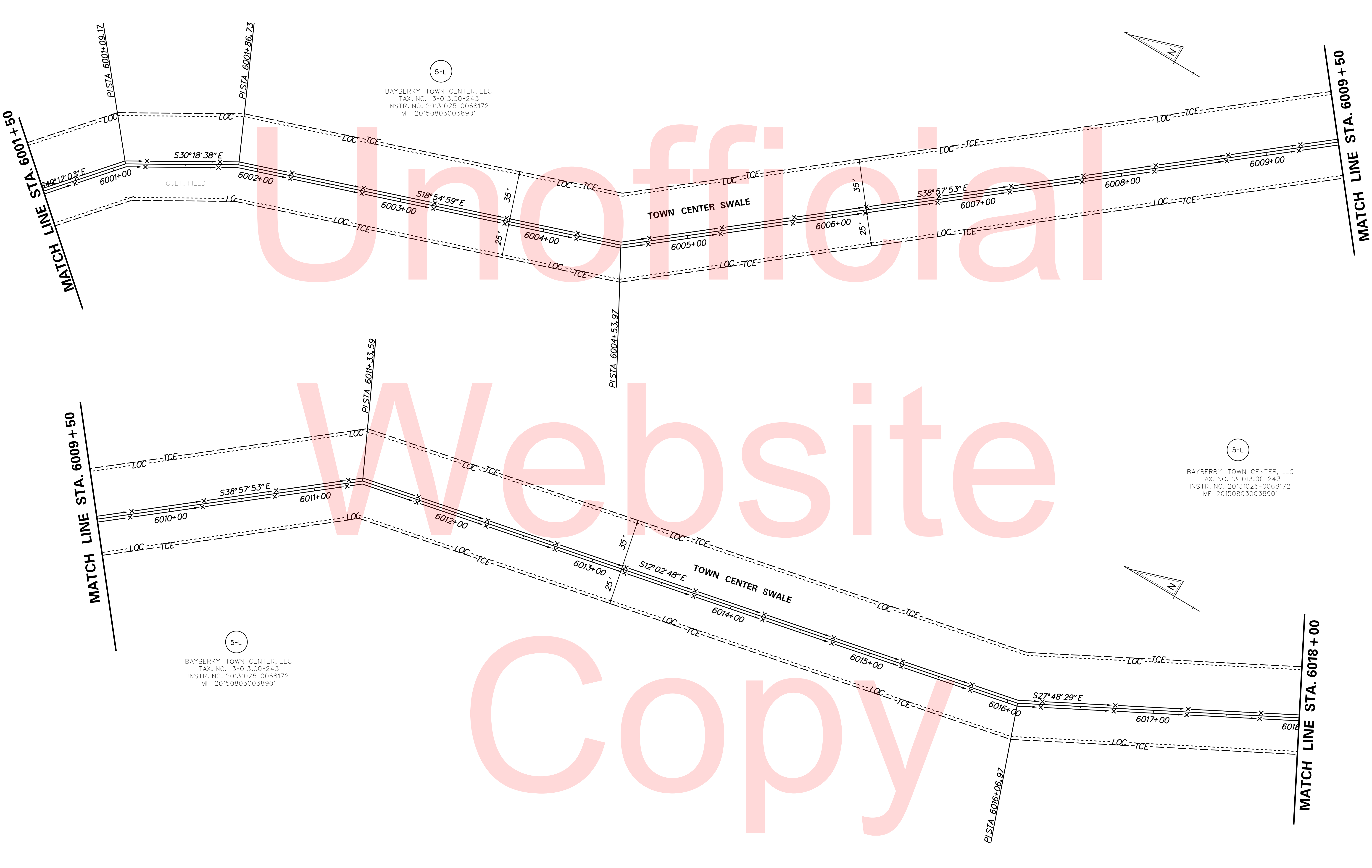


**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

CONTRACT	BRIDGE NO.	1-404
T200912002	DESIGNED BY:	WJD
COUNTY	CHECKED BY:	BPH
NEW CASTLE		

CONSTRUCTION PLAN	SHEET NO.	25
	TOTAL SHTS.	123

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000BELDOTDOTS\TASK002_BOYDCORNERROAD\CADD\CADD_JCR\CP13.DGN [SHEET: CP13]



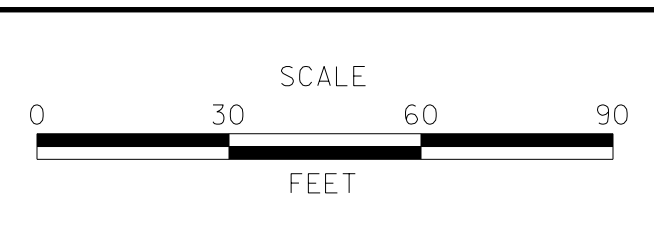
5-L
 BAYBERRY TOWN CENTER, LLC
 TAX. NO. 13-013.00-243
 INSTR. NO. 20131025-0068172
 MF 201508030038901

5-L
 BAYBERRY TOWN CENTER, LLC
 TAX. NO. 13-013.00-243
 INSTR. NO. 20131025-0068172
 MF 201508030038901

5-L
 BAYBERRY TOWN CENTER, LLC
 TAX. NO. 13-013.00-243
 INSTR. NO. 20131025-0068172
 MF 201508030038901



ADDENDUMS / REVISIONS	



**JAMISON CORNER ROAD,
 RELOCATED AT
 BOYDS CORNER ROAD**

CONTRACT	BRIDGE NO.
T200912002	
COUNTY	DESIGNED BY: WJD
NEW CASTLE	CHECKED BY: BPH

CONSTRUCTION PLAN	SHEET NO.
	26
	TOTAL SHTS.
	123

KARINS-10



Unofficial

Website

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7-R

FARM LAND HOLDINGS LLC
TAX. NO. 13-013.13-047
INSTR. NO. 20130509-0029883
MF INSTR. NO. 201509030045115

41-R

FARM LAND HOLDINGS LLC
TAX. NO. 13-013.14-141
INSTR. NO. 20130509-0029883
MF INSTR. NO. 201509030045115

42-R

FARM LAND HOLDINGS LLC
TAX. NO. 13-013.14-041
INSTR. NO. 20130509-0029883
MF INSTR. NO. 201509030045115

SWM FACILITY
TO BE CONSTRUCTED
BY OTHERS

WEST CENTRAL PARK DRIVE
(VARIABLE WIDTH)

EAST CENTRAL PARKSIDE
(50' WIDE)

MATCH LINE STA. 5001+50

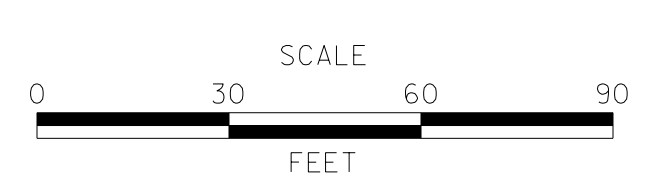
RIPRAP SCHEDULE		
NO.	TYPE	AREA
703	R-5	58 SY

NOTE:
POND AND OUTFALLS CONSTRUCTED BY OTHERS.

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\CF14.DGN [SHEET: CP14]

DELAWARE
DEPARTMENT OF TRANSPORTATION

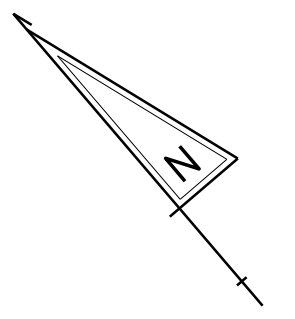
ADDENDUMS / REVISIONS



**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: WJD
	CHECKED BY: BPH

CONSTRUCTION PLAN	SHEET NO. 27
	TOTAL SHTS. 123



Unofficial

Website

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42-R

FARM LAND HOLDINGS LLC
TAX. NO. 13-013.14-041
INSTR. NO. 20060213-0014911
MF INSTR. NO. 201509030045115

MATCH LINE STA. 5001+50

SWM FACILITY
TO BE CONSTRUCTED
BY OTHERS

EMERSON ROAD

EXISTING RCP

42-R

FARM LAND HOLDINGS LLC
TAX. NO. 13-013.14-041
INSTR. NO. 20130509-0029883
MF INSTR. NO. 201509030045115

- NOTE:**
1. REPAVE EMERSON ROAD AS SHOWN. PAVEMENT SECTION WILL CONSIST OF 1.5" TYPE C, ON 2.25" TYPE B OR 7" GABC. PROPOSED PROFILE OF THE ROAD IS TO EXCEED 1' OF COVER OVER THE PROPOSED PIPES. ROADWAY GRADE APPROACHING THE MAXIMUM COVER LOCATION SHALL NOT EXCEED 10%.
 2. POND AND OUTFALLS CONSTRUCTED BY OTHERS.

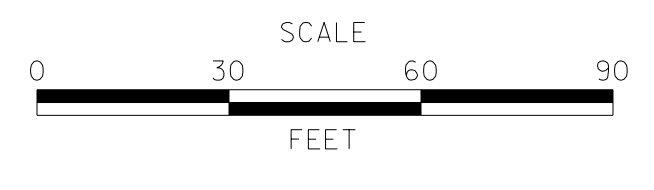
PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\CF15.DGN [SHEET: CP15]



DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

NO.	DATE	DESCRIPTION



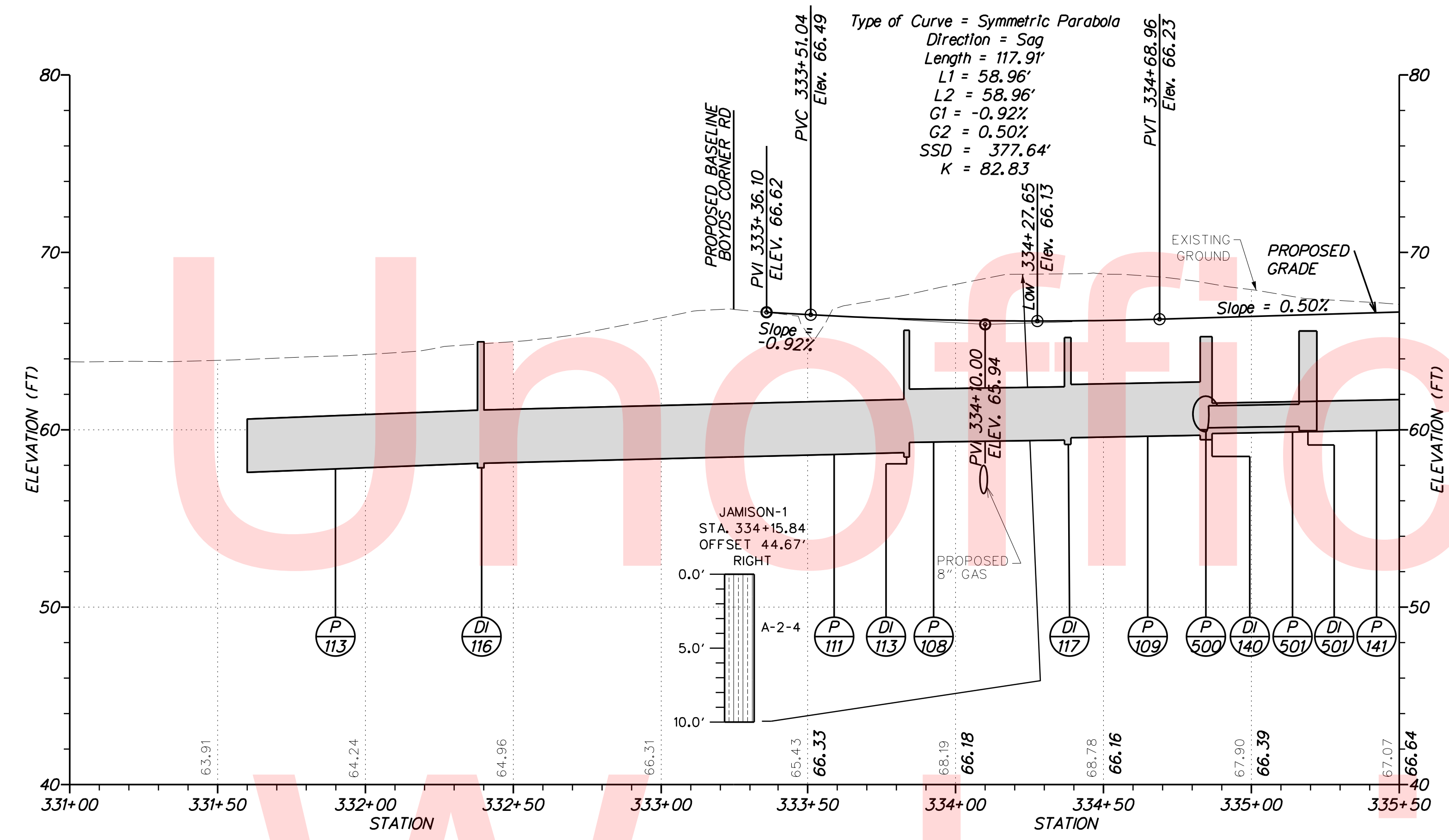
**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

CONTRACT	BRIDGE NO.	
T200912002	DESIGNED BY:	WJD
COUNTY	CHECKED BY:	BPH
NEW CASTLE		

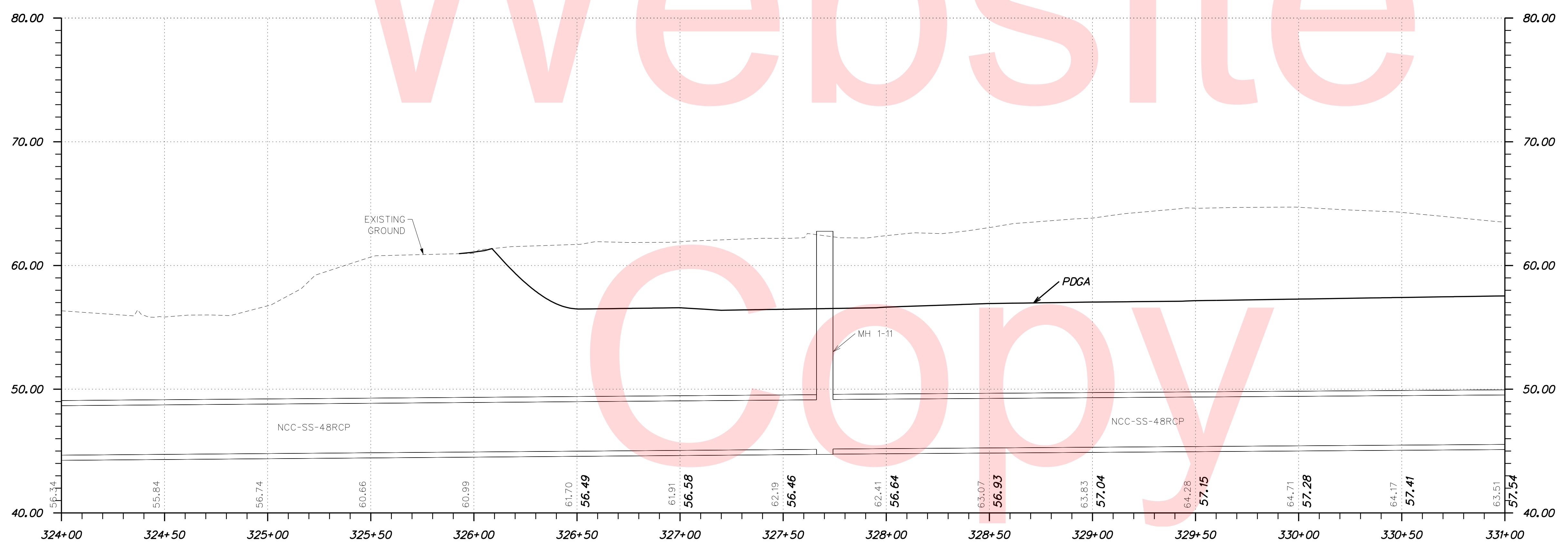
CONSTRUCTION PLAN

SHEET NO.	28
TOTAL SHTS.	123

NOTE:
1. ROADWAY BORINGS ARE FOR INFORMATIONAL USE ONLY.



BL - CEDAR LANE/JAMISON CORNER ROAD



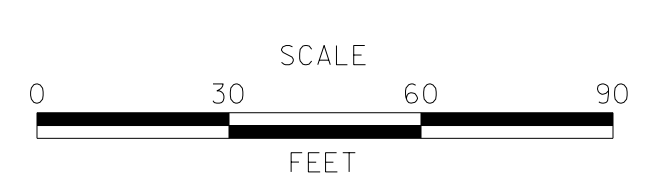
CEDAR LANE - SWALE PROFILE

NOTE: THE BORING DATA PROVIDED ON THE PROFILE SHEETS INDICATES THE SOIL CONDITION ONLY AT THE SPECIFIC LOCATION EACH BORING WAS PERFORMED AND ONLY TO THE DEPTH PENETRATED.

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\PF01.DGN [SHEET: PF01]



ADDENDUMS / REVISIONS	



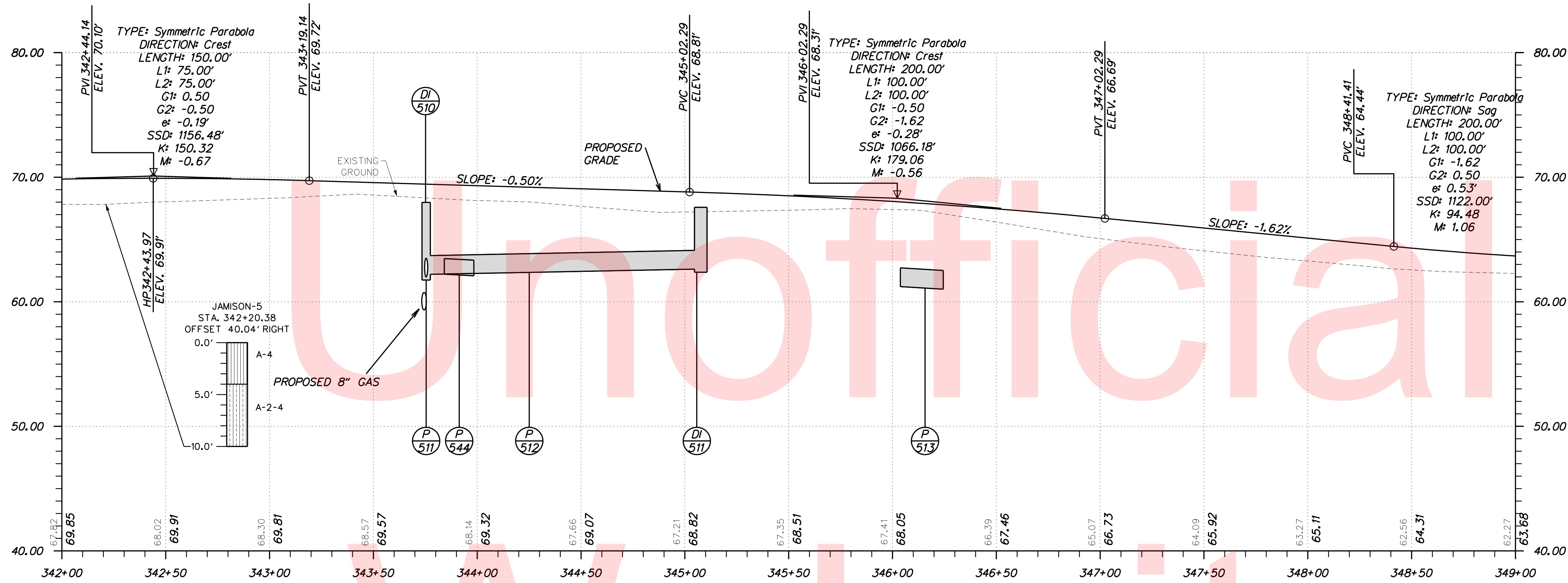
**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: WJD
	CHECKED BY: BPH

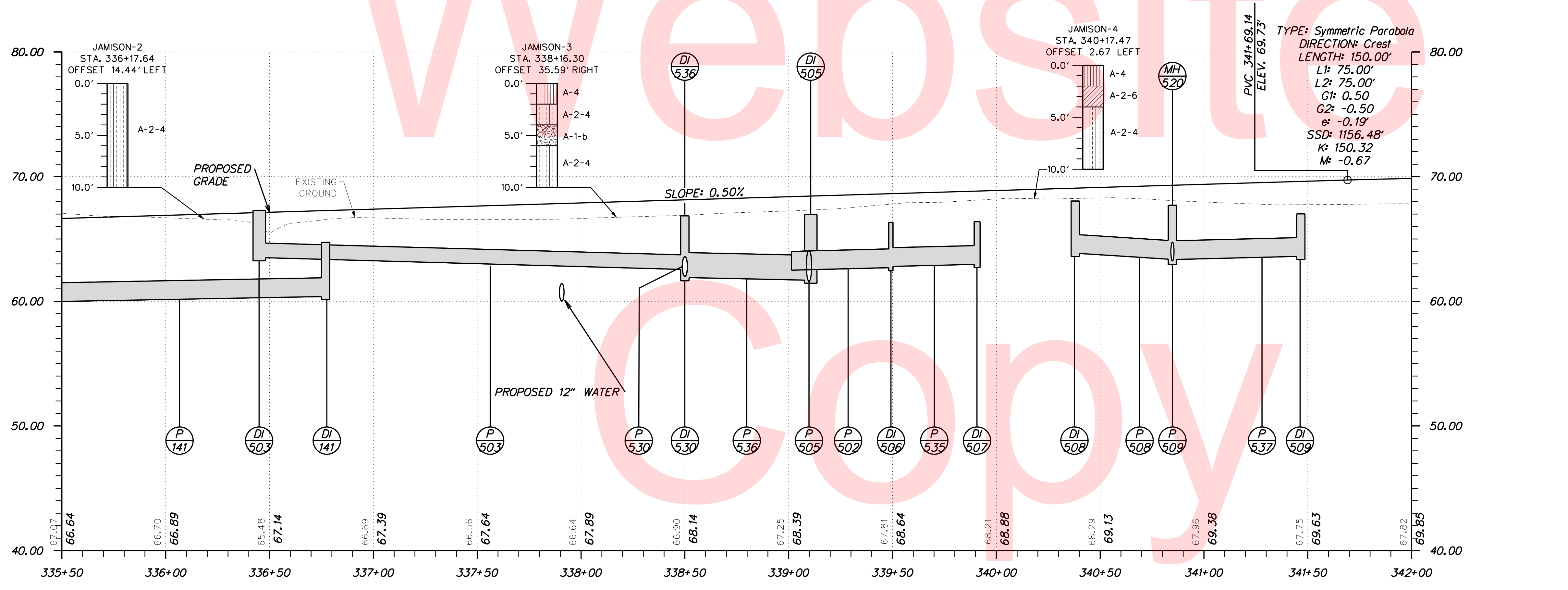
PROFILES

VERTICAL SCALE FEET	15
	10
	5
	0
SHEET NO.	29
TOTAL SHTS.	123

NOTE:
1. ROADWAY BORINGS ARE FOR INFORMATIONAL USE ONLY.



N413, JAMISON CORNER ROAD



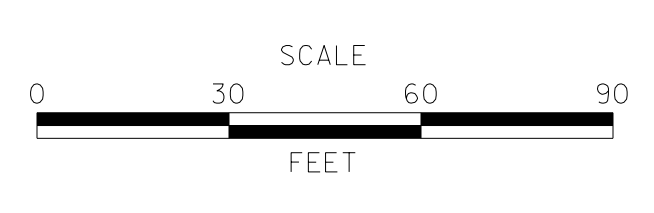
N413, JAMISON CORNER ROAD

NOTE: THE BORING DATA PROVIDED ON THE PROFILE SHEETS INDICATES THE SOIL CONDITION ONLY AT THE SPECIFIC LOCATION EACH BORING WAS PERFORMED AND ONLY TO THE DEPTH PENETRATED.

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\COR_YRPF02.DGN [SHEET: PF02]



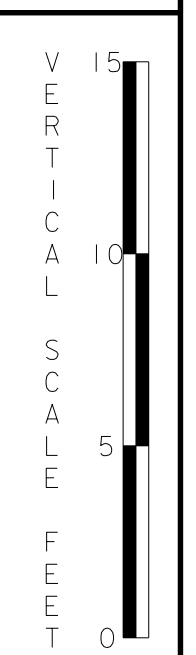
ADDENDUMS / REVISIONS	



**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

CONTRACT T200912002	BRIDGE NO.	DESIGNED BY: WJD
COUNTY NEW CASTLE	CHECKED BY: BPH	

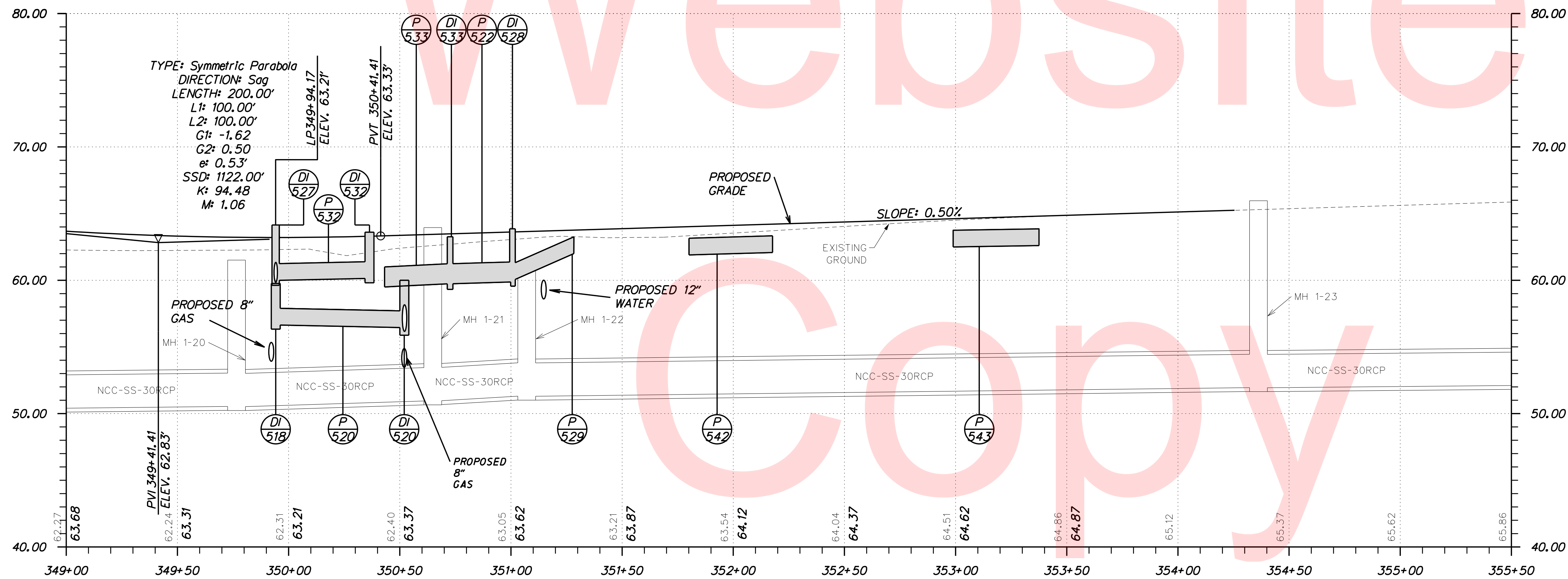
PROFILES	SHEET NO. 30
	TOTAL SHTS. 123



Unofficial

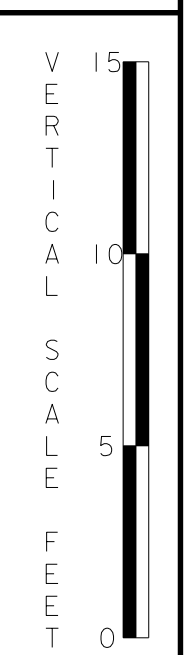
Website

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NOTE: THE BORING DATA PROVIDED ON THE PROFILE SHEETS INDICATES THE SOIL CONDITION ONLY AT THE SPECIFIC LOCATION EACH BORING WAS PERFORMED AND ONLY TO THE DEPTH PENETRATED.

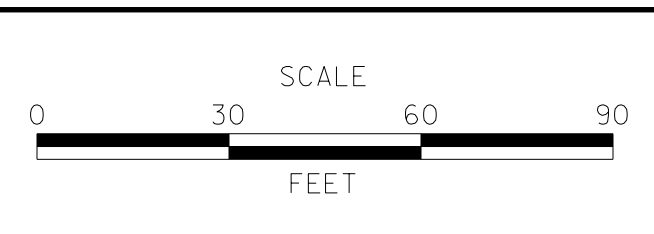
N413, JAMISON CORNER ROAD



PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\PF03.DGN [SHEET: PF03]



ADDENDUMS / REVISIONS	

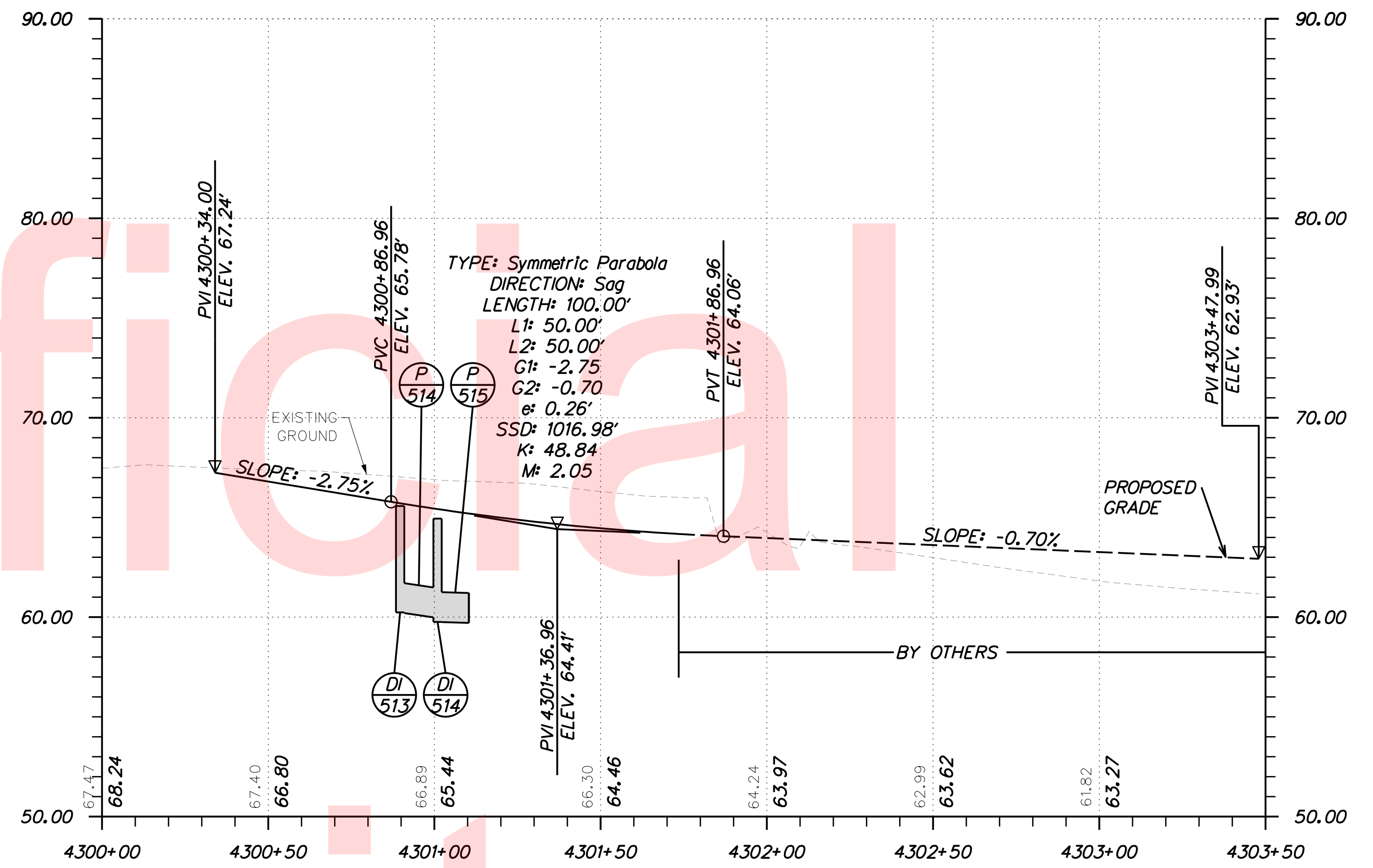


**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

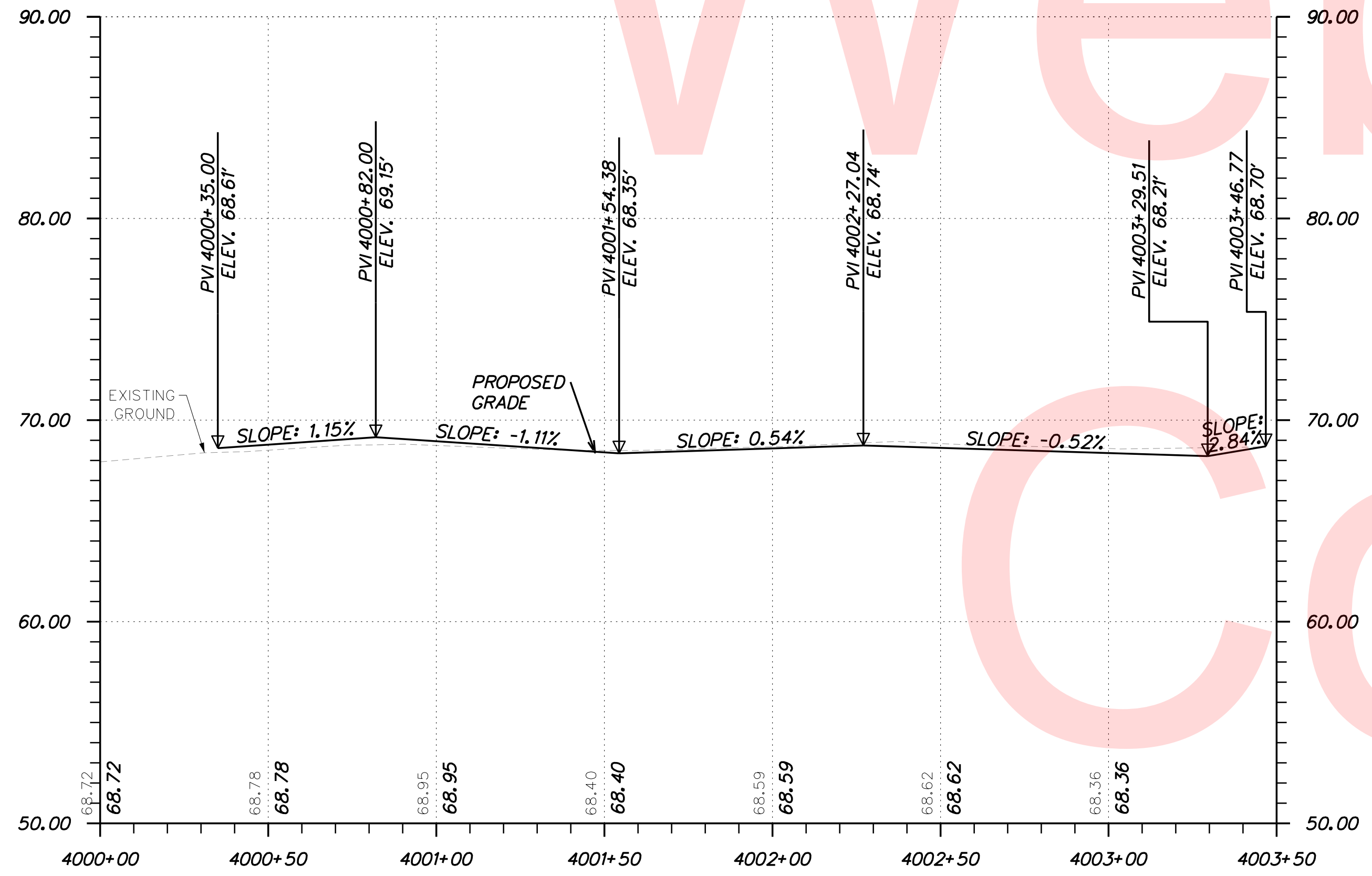
CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: WJD
	CHECKED BY: BPH

PROFILES	SHEET NO. 31
	TOTAL SHTS. 123

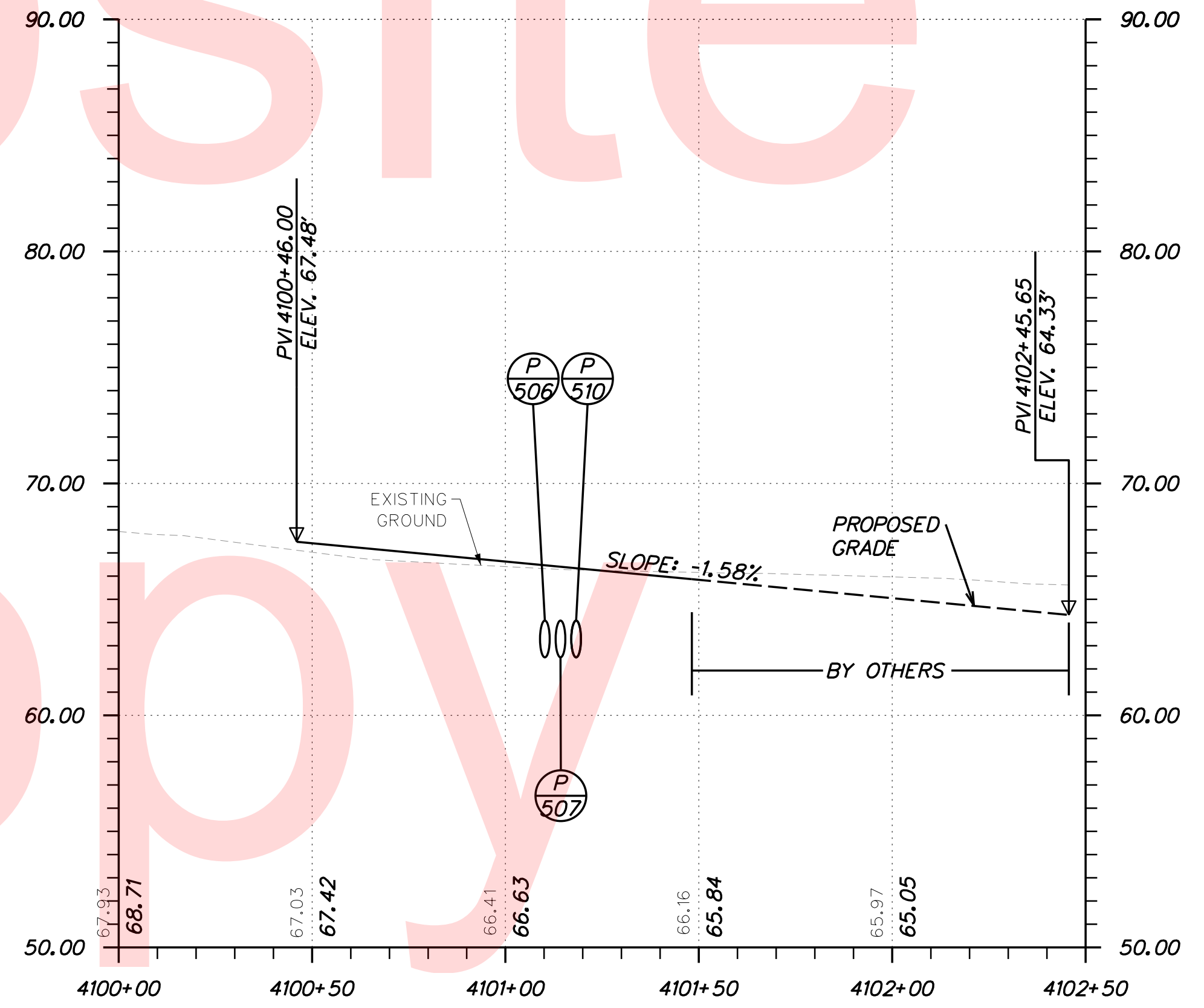
Unofficial
Website
Copy



CHAGALL STREET



NEW CASTLE PRESBYTERY PARCEL ACCESS



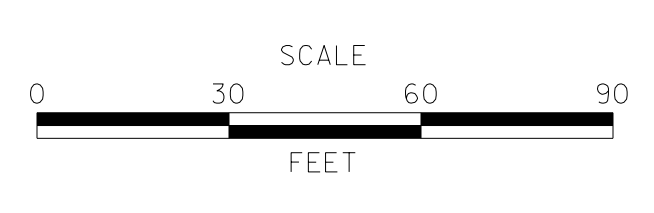
MCKIM STREET

NOTE: THE BORING DATA PROVIDED ON THE PROFILE SHEETS INDICATES THE SOIL CONDITION ONLY AT THE SPECIFIC LOCATION EACH BORING WAS PERFORMED AND ONLY TO THE DEPTH PENETRATED.

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDCORNERROAD\CADD\CADD_JCR\PF06.DGN [SHEET: PF06]



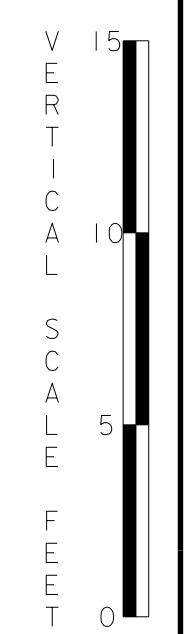
ADDENDUMS / REVISIONS	



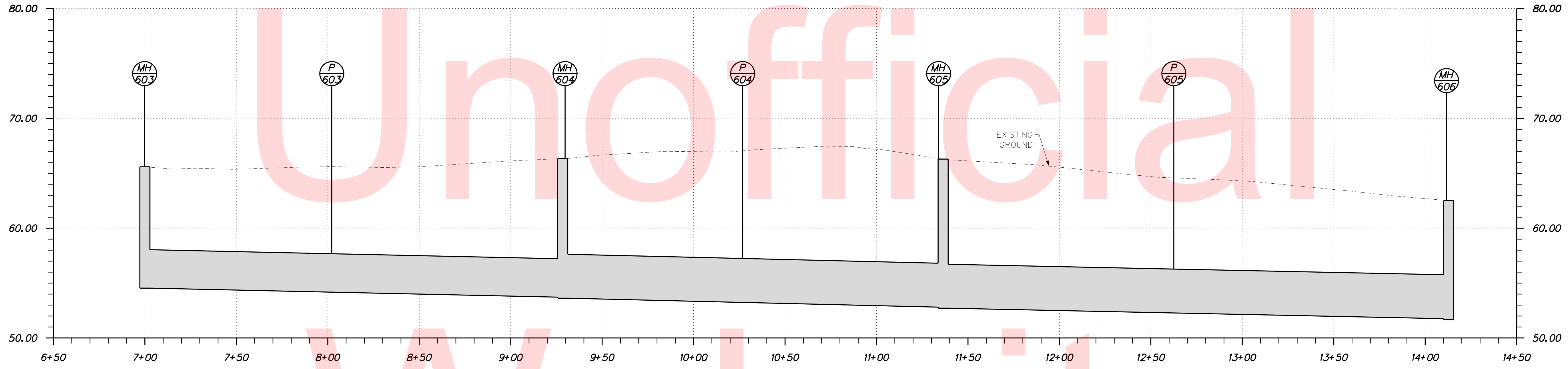
**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: WJD
	CHECKED BY: BPH

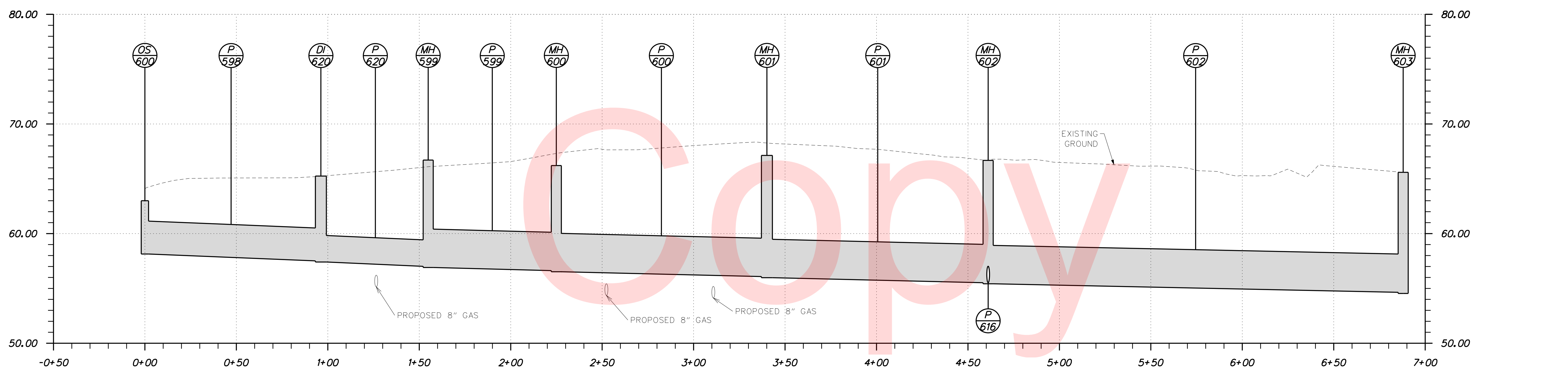
PROFILES	SHEET NO. 32
	TOTAL SHTS. 123



PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\PF07.DGN [SHEET: PF07]

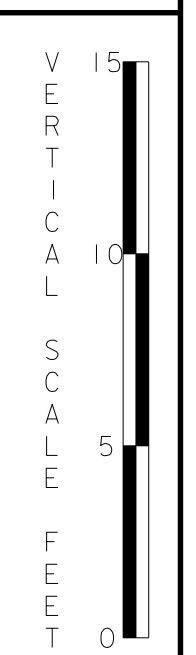


OS600 - MH607

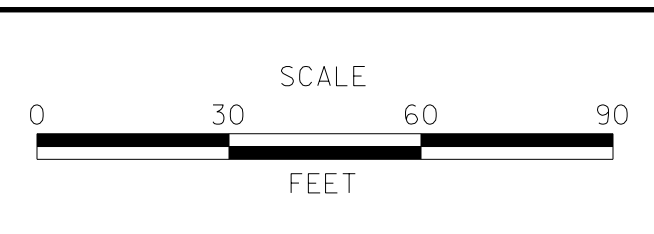


OS600 - MH606

NOTE: THE BORING DATA PROVIDED ON THE PROFILE SHEETS INDICATES THE SOIL CONDITION ONLY AT THE SPECIFIC LOCATION EACH BORING WAS PERFORMED AND ONLY TO THE DEPTH PENETRATED.



ADDENDUMS / REVISIONS	

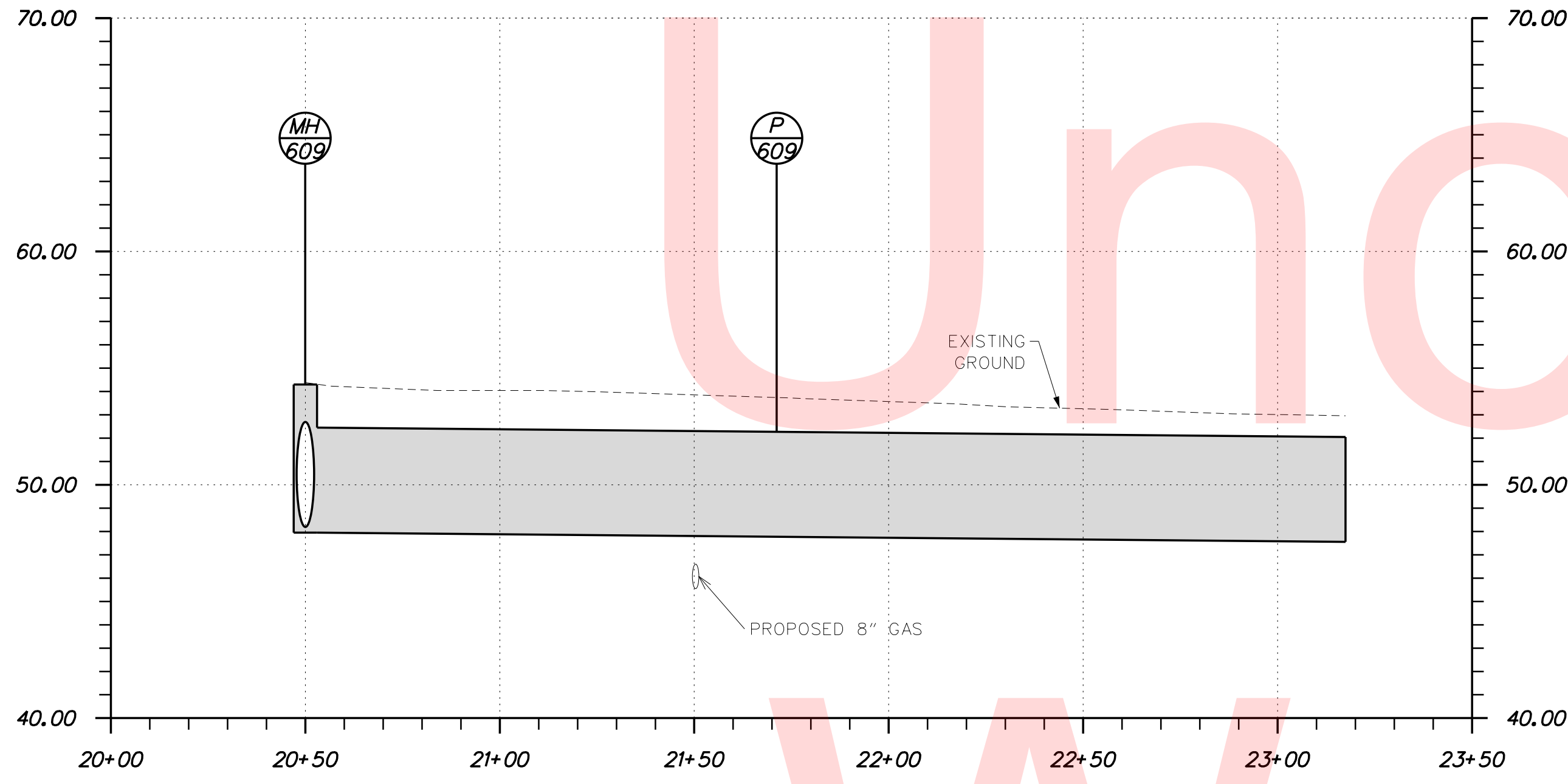


**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

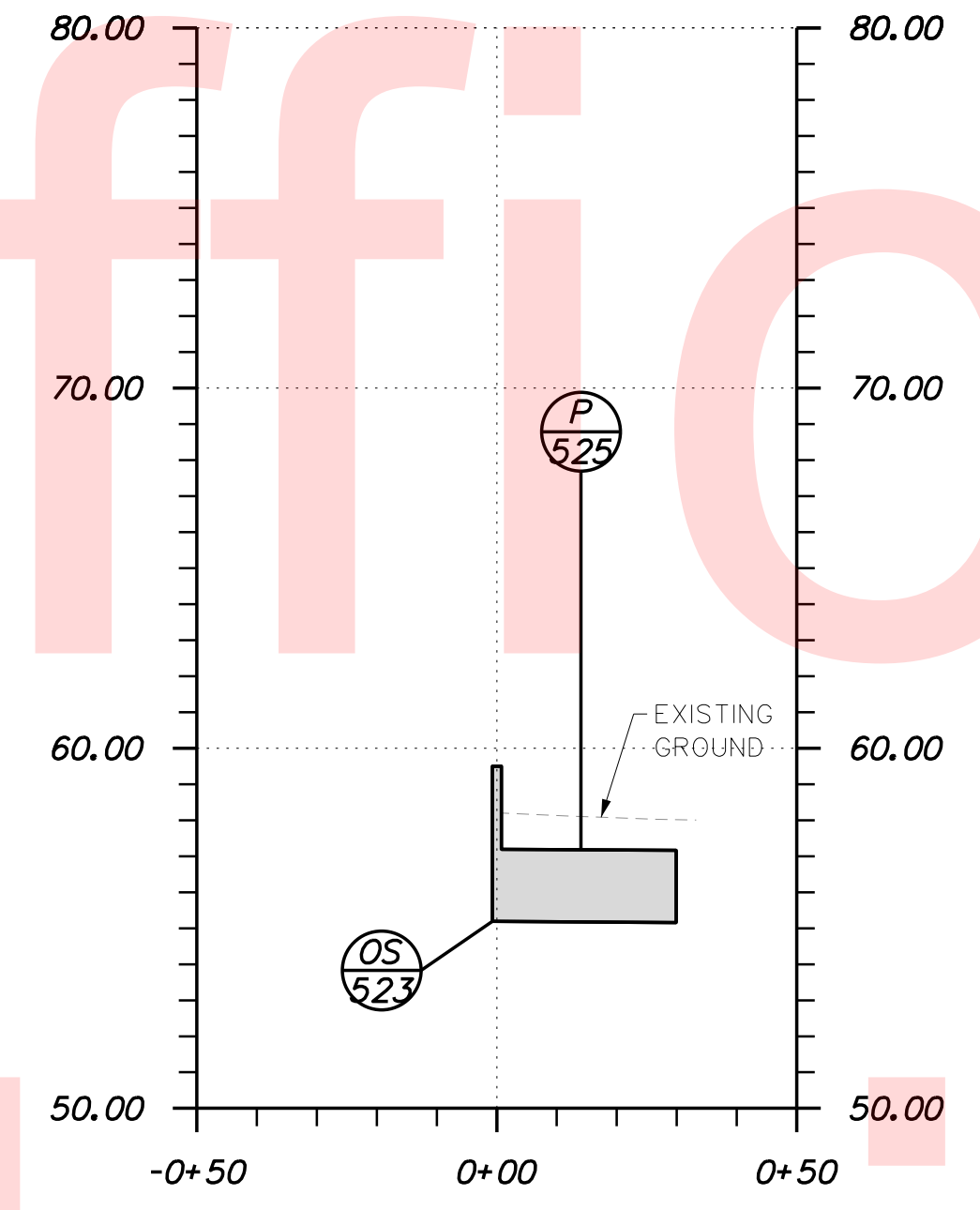
CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: WJD
	CHECKED BY: BPH

PROFILES	SHEET NO. 33
	TOTAL SHTS. 123

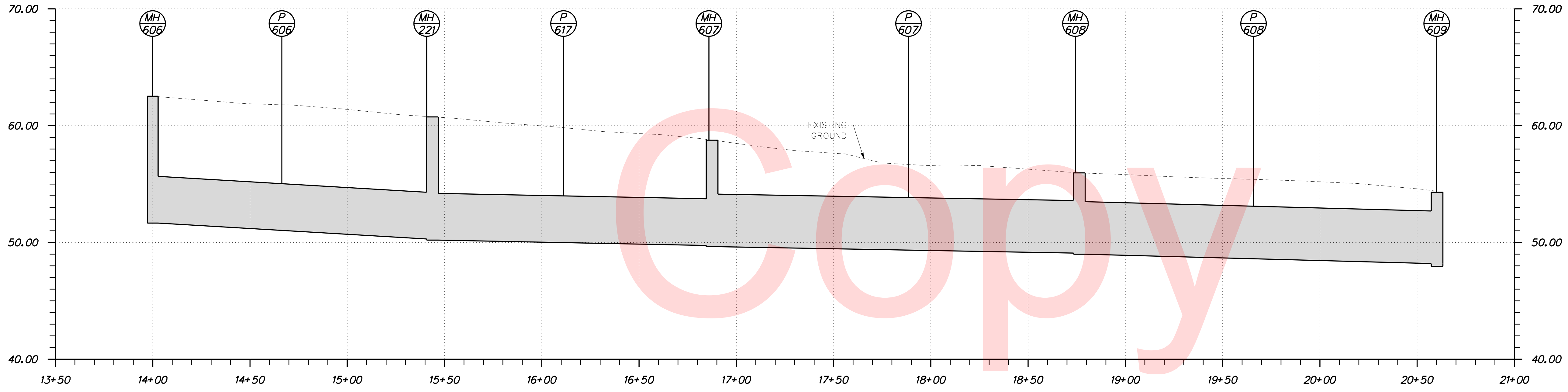
PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDCORNERROAD\CADD\CADD_JCR\PF08.DGN [SHEET: PF08]



MH609 - FES617

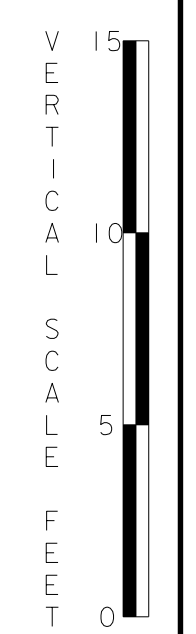


OS523 - FES 508

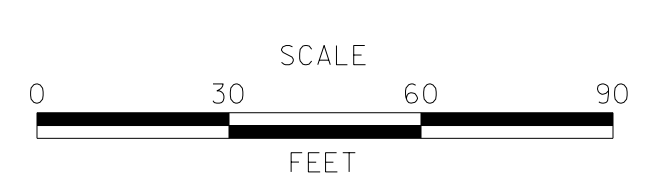


MH606 - MH609

NOTE: THE BORING DATA PROVIDED ON THE PROFILE SHEETS INDICATES THE SOIL CONDITION ONLY AT THE SPECIFIC LOCATION EACH BORING WAS PERFORMED AND ONLY TO THE DEPTH PENETRATED.



ADDENDUMS / REVISIONS	

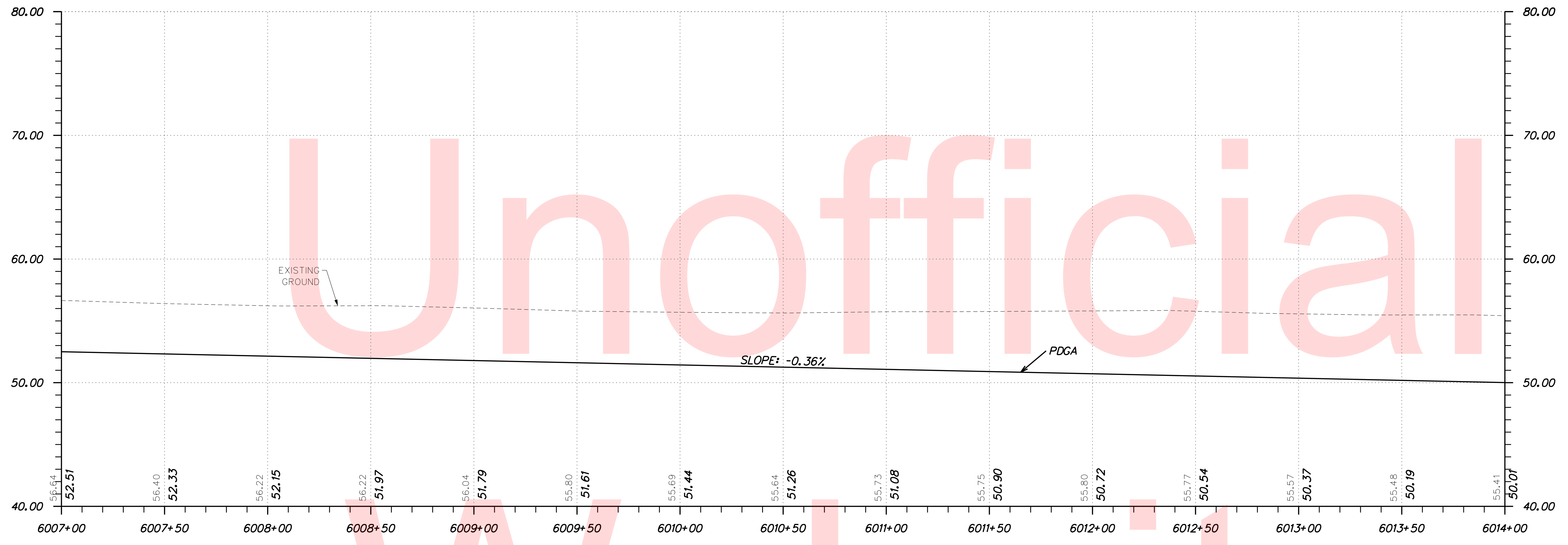


**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

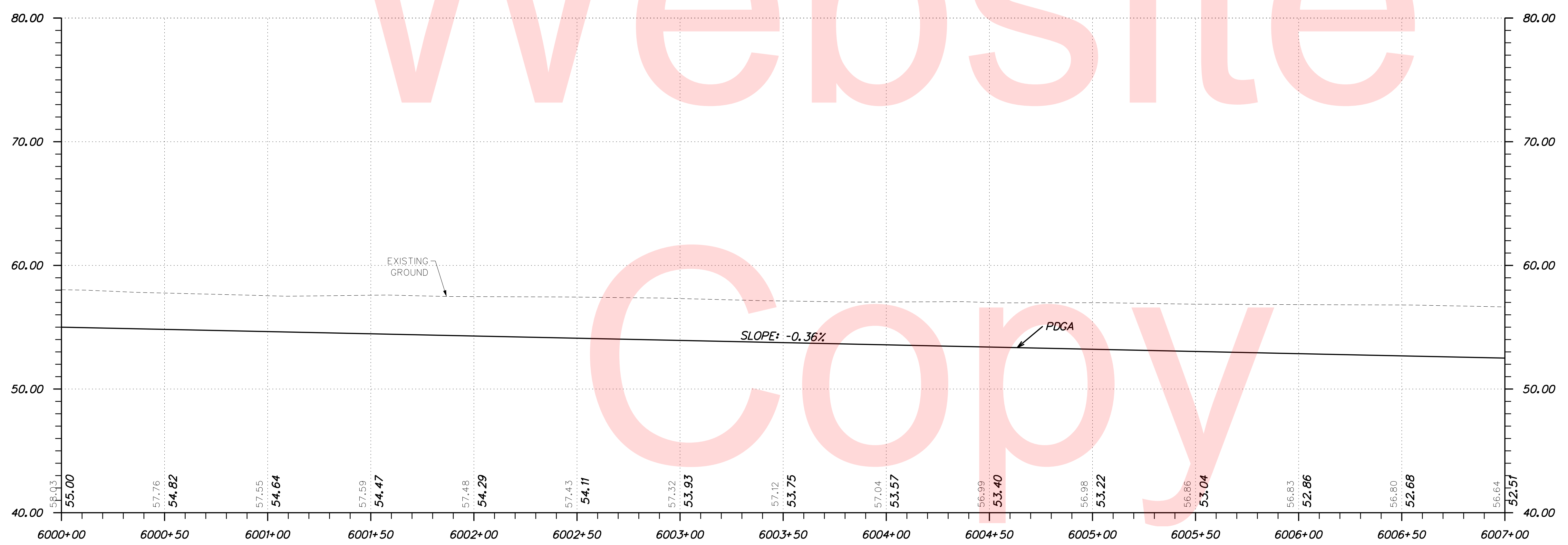
CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: WJD
	CHECKED BY: BPH

PROFILES	SHEET NO. 34
	TOTAL SHTS. 123

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\PF09.DGN [SHEET: PF09]



TOWN CENTER - SWALE

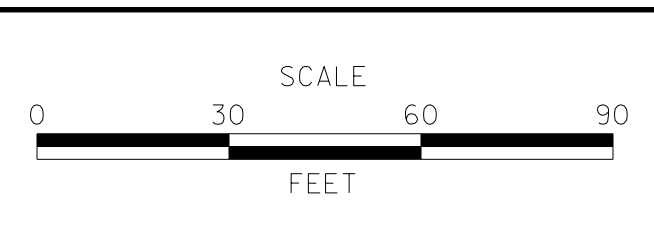


TOWN CENTER - SWALE

NOTE: THE BORING DATA PROVIDED ON THE PROFILE SHEETS INDICATES THE SOIL CONDITION ONLY AT THE SPECIFIC LOCATION EACH BORING WAS PERFORMED AND ONLY TO THE DEPTH PENETRATED.



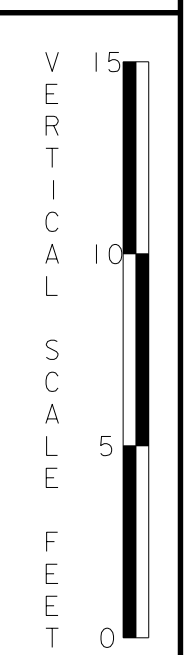
ADDENDUMS / REVISIONS	



**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: WJD
	CHECKED BY: BPH

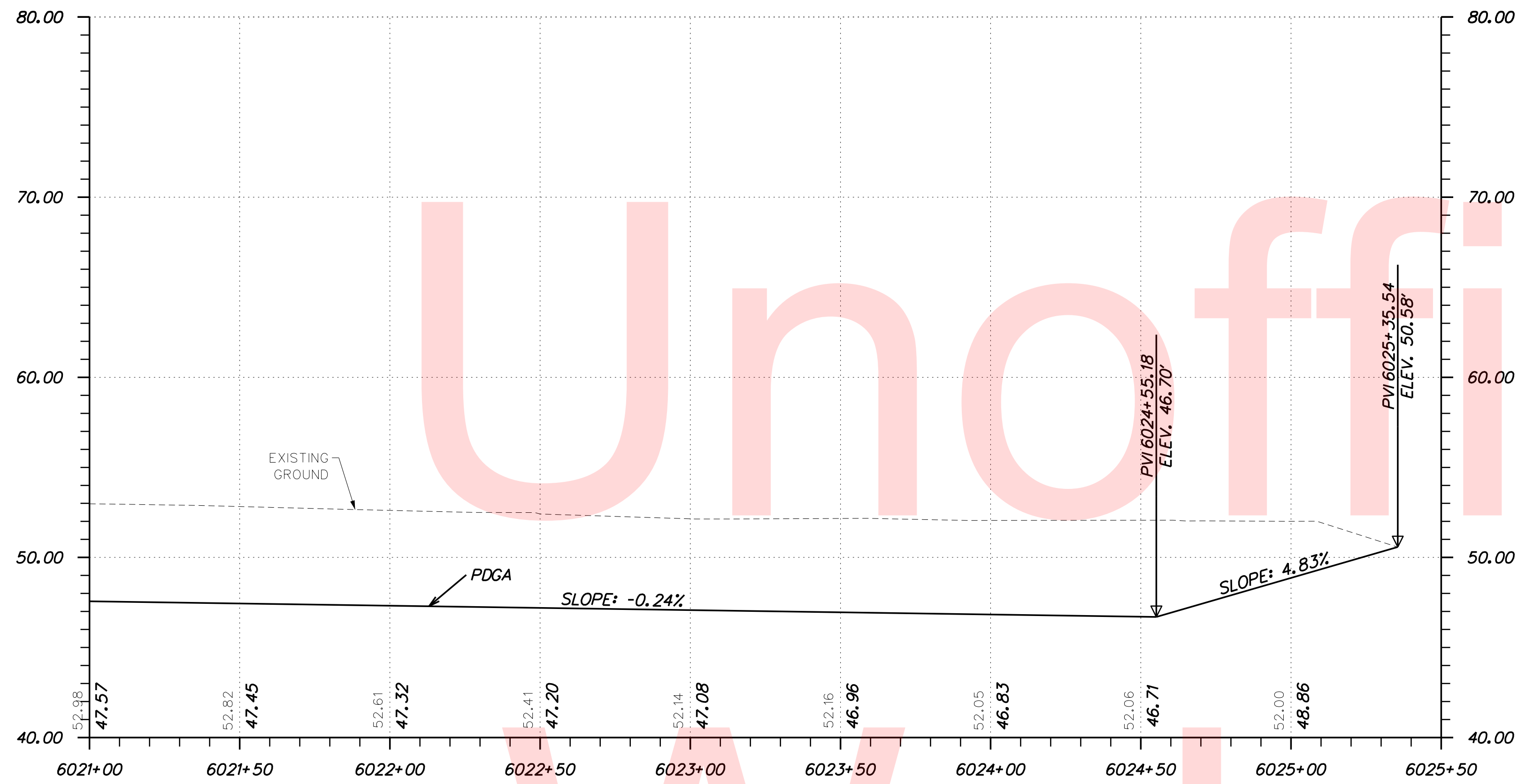
PROFILES	SHEET NO. 35
	TOTAL SHTS. 123



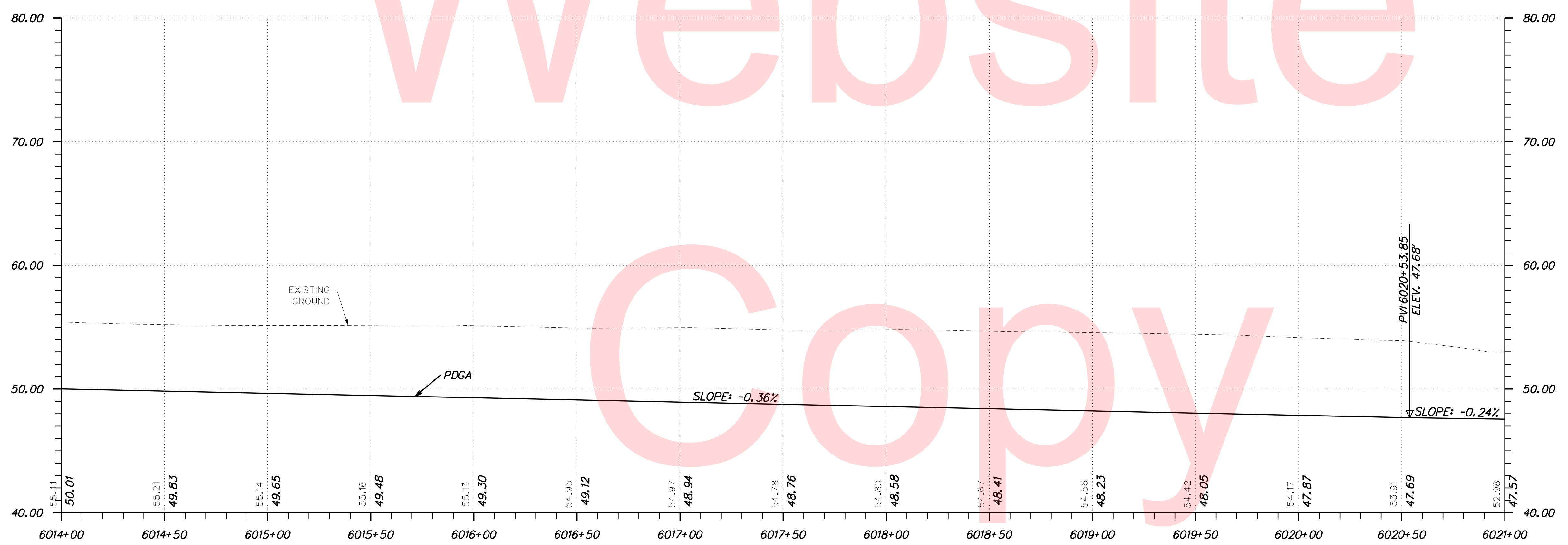
Unofficial

Website

Copy



TOWN CENTER - SWALE



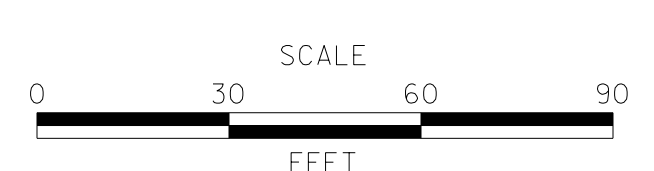
TOWN CENTER - SWALE

NOTE: THE BORING DATA PROVIDED ON THE PROFILE SHEETS INDICATES THE SOIL CONDITION ONLY AT THE SPECIFIC LOCATION EACH BORING WAS PERFORMED AND ONLY TO THE DEPTH PENETRATED.

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDCORNERROAD\CADD\CADD_JCR\PF10.DGN [SHEET: PF10]



ADDENDUMS / REVISIONS	



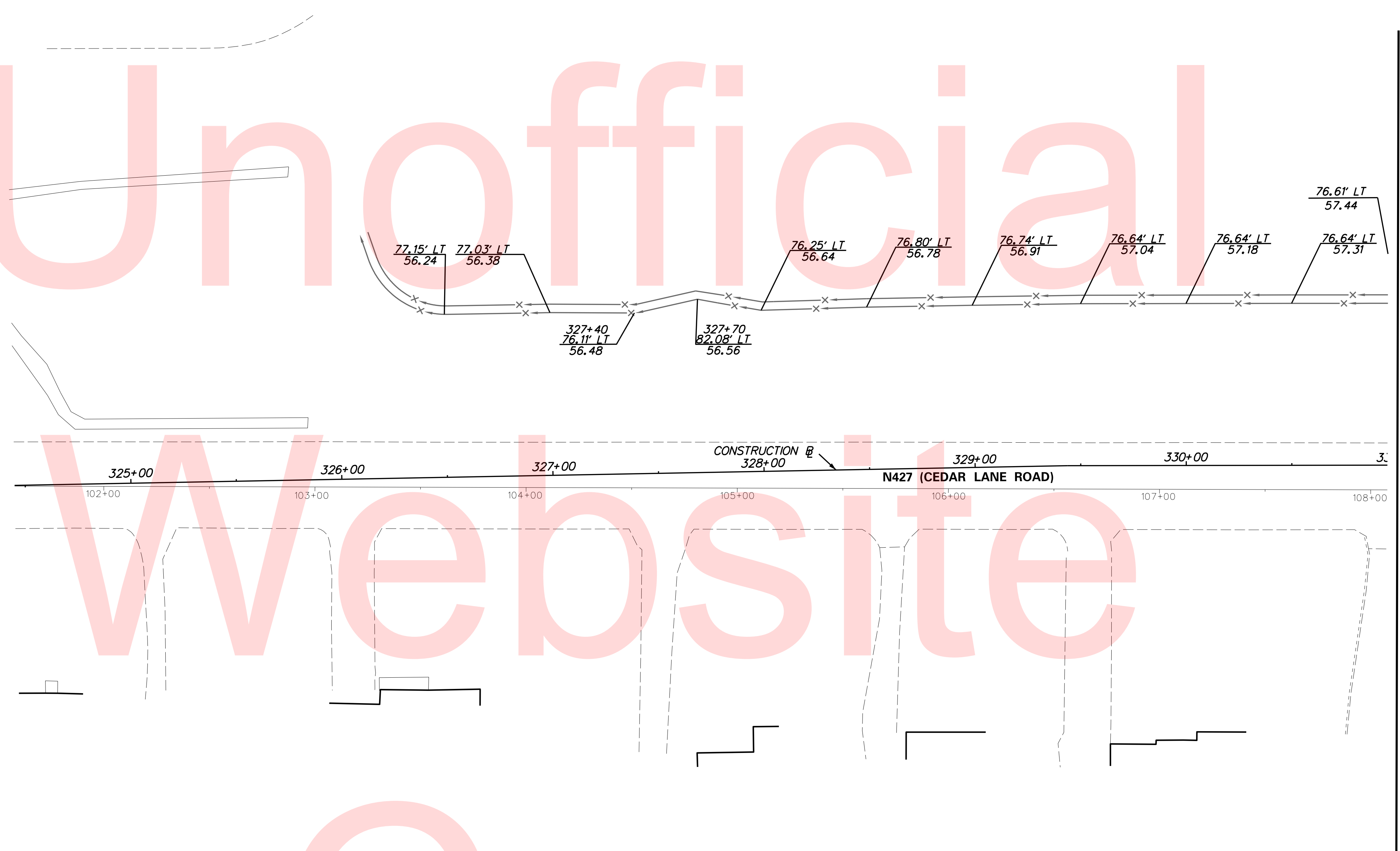
JAMISON CORNER ROAD, RELOCATED AT BOYDS CORNER ROAD

CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: WJD
	CHECKED BY: BPH

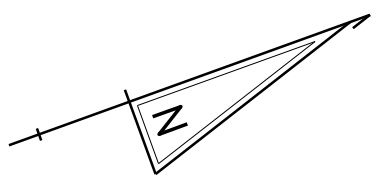
PROFILES

VERTICAL SCALE FEET	15
	10
	5
	0
SHEET NO.	36
TOTAL SHTS.	123

Unofficial



MATCH LINE STA. 331+00

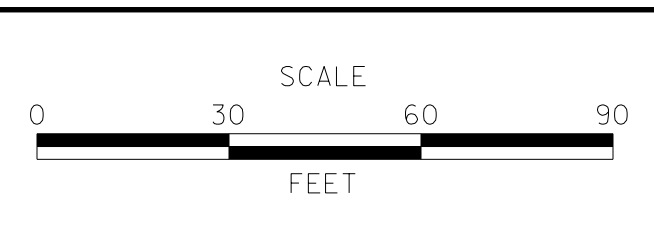


PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\GG01.DGN [SHEET: GG01]

Website
Copy



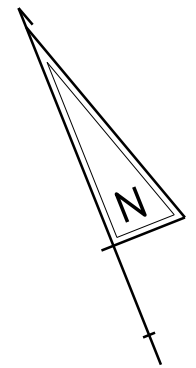
ADDENDUMS / REVISIONS	



**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

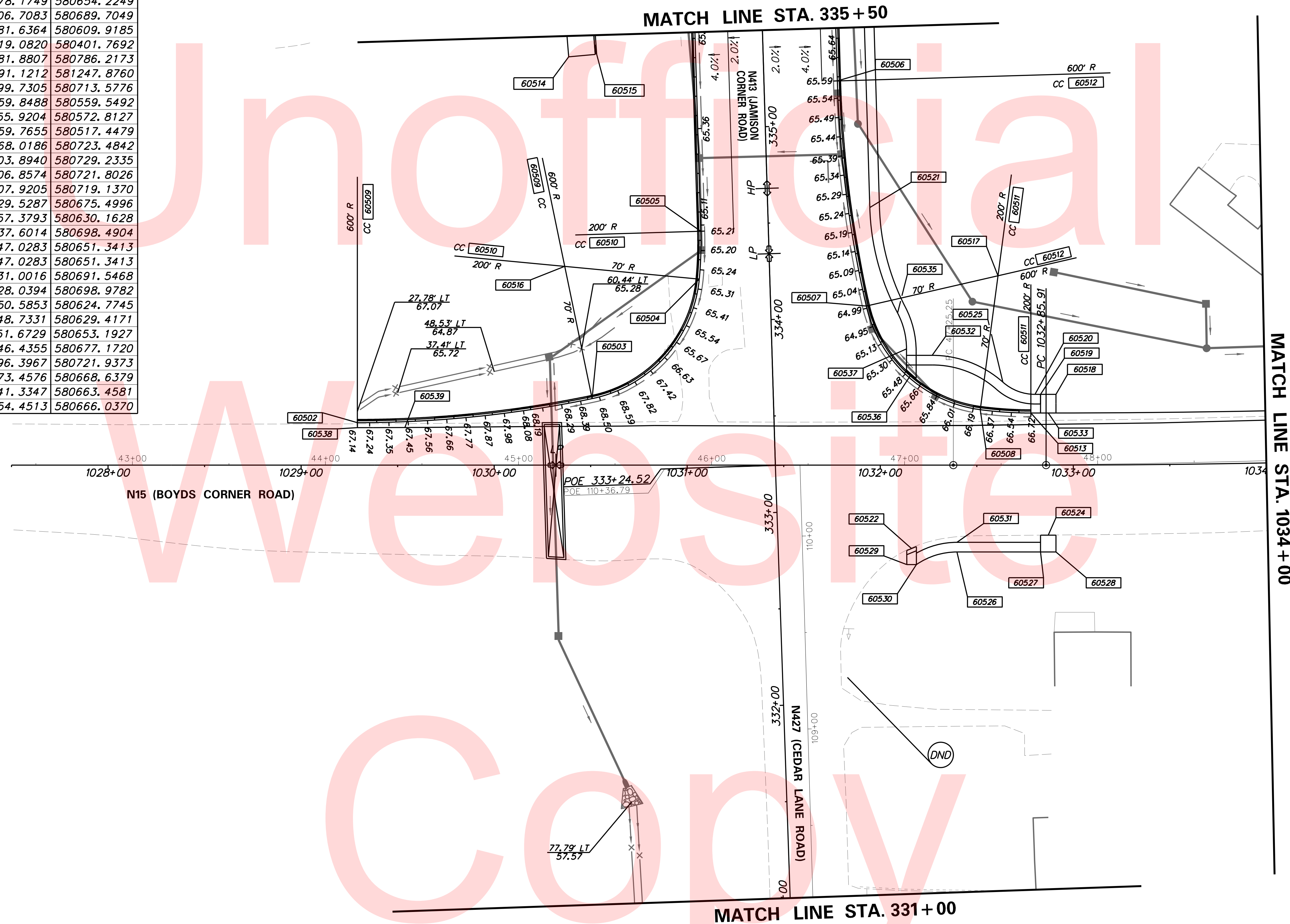
CONTRACT	BRIDGE NO.
T200912002	
COUNTY	DESIGNED BY: WJD
NEW CASTLE	CHECKED BY: BPH

GRADES AND GEOMETRICS	SHEET NO.
	37
	TOTAL SHTS.
	123



COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
60502	1029+29.14	22.00' LT	547924.3182	580387.6654
60503	333+61.78	93.89' LT	547890.8392	580505.2348
60504	334+22.06	36.54' LT	547927.8259	580579.7364
60505	334+46.82	35.00' LT	547950.5595	580589.6646
60506	335+22.54	38.00' RT	547996.6886	580684.1899
60507	334+00.93	50.45' RT	547878.1749	580654.2249
60508	1032+53.26	24.64' LT	547806.7083	580689.7049
60509	1029+29.14	622.00' LT	548481.6364	580609.9185
60510	334+46.82	235.00' LT	548019.0820	580401.7692
60511	335+43.58	138.93' RT	547981.8807	580786.2173
60512	335+22.54	638.00' RT	547791.1212	581247.8760
60513	1032+78.02	27.00' LT	547799.7305	580713.5776
60514	335+39.17	100.74' LT	548059.8488	580559.5492
60515	335+40.03	86.93' LT	548055.9204	580572.8127
60516	334+30.72	106.00' LT	547959.7655	580517.4479
60517	334+15.12	119.00' RT	547868.0186	580723.4842
60518	1032+96.06	36.66' LT	547803.8940	580729.2335
60519	1032+83.02	36.67' LT	547806.8574	580721.8026
60520	1032+80.15	36.67' LT	547807.9205	580719.1370
60521	334+56.47	52.85' RT	547929.5287	580675.4996
60522	1032+16.23	43.24' RT	547757.3793	580630.1628
60524	1032+87.02	36.30' RT	547737.6014	580698.4904
60525	1032+39.74	45.01' RT	547747.0283	580651.3413
60526	1032+39.74	45.01' RT	547747.0283	580651.3413
60527	1032+83.02	45.00' RT	547731.0016	580691.5468
60528	1032+90.98	45.00' RT	547728.0394	580698.9782
60529	1032+13.74	51.54' RT	547750.5853	580624.7745
60530	1032+18.74	51.54' RT	547748.7331	580629.4171
60531	1032+39.74	40.01' RT	547751.6729	580653.1927
60532	1032+26.91	56.90' LT	547846.4355	580677.1720
60533	1032+87.03	27.00' LT	547796.3967	580721.9373
60535	334+01.44	65.61' RT	547873.4576	580668.6379
60536	333+69.48	71.75' RT	547841.3347	580663.4581
60537	333+82.69	69.68' RT	547854.4513	580666.0370

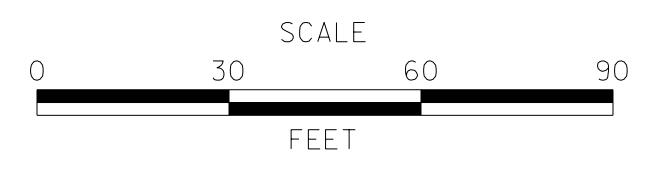
COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
60538	1029+29.16	-19.41	547921.9028	580386.7192
60539	1029+53.75	-19.51	547912.8897	580409.5967



PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\GG02.DGN [SHEET: GG02]



ADDENDUMS / REVISIONS	

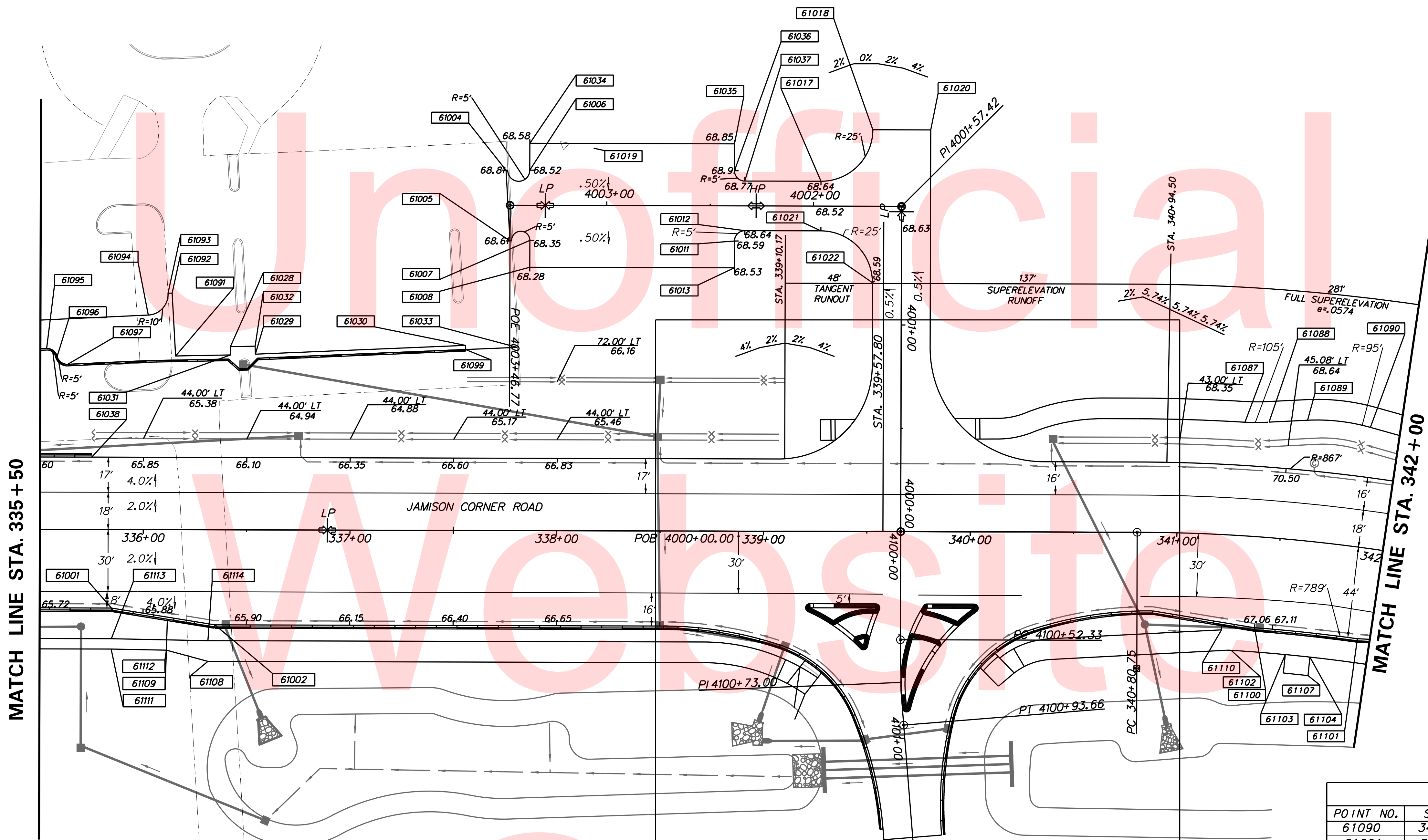
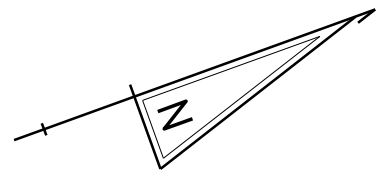


**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: WJD
	CHECKED BY: BPH

**GRADES AND
GEOMETRICS**

SHEET NO. 38
TOTAL SHTS. 123



MATCH LINE STA. 335 + 50

MATCH LINE STA. 342 + 00

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
61001	335+84.69	38.00' RT	548055.0832	580705.4855
61002	336+34.78	46.00' RT	548099.3968	580730.1614
61004	337+75.04	174.31' LT	548306.6448	580571.2381
61005	337+77.02	140.14' LT	548296.8024	580604.0232
61006	4003+37.30	17.00' RT	548317.4522	580575.0648
61007	4003+37.18	16.99' LT	548305.9191	580607.0381
61008	4003+37.18	29.99' LT	548301.4639	580619.2546
61011	4002+38.18	17.00' LT	548398.9237	580640.9665
61012	4002+33.18	12.00' LT	548405.3342	580637.9822
61013	4002+38.18	29.99' LT	548394.4721	580653.1732
61017	4001+96.42	12.00' RT	548448.0970	580628.0310
61018	4001+71.42	37.00' RT	548480.1492	580613.1093
61019	4003+06.43	27.73' RT	548350.1344	580575.5625
61020	339+80.39	194.42' LT	548506.4546	580622.7025
61021	4001+96.42	12.00' LT	548439.8743	580650.5784
61022	4001+20.42	14.00' LT	548454.7959	580682.6306
61028	336+41.93	88.62' LT	548752.2386	580606.1348

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
61029	336+54.01	85.01' LT	548162.3514	580613.6666
61030	337+55.59	89.55' LT	548259.3362	580644.2050
61031	336+42.02	84.63' LT	548150.9500	580609.9215
61032	336+53.93	88.88' LT	548163.5989	580610.0005
61033	337+80.69	88.67' LT	548282.6178	580653.6327
61034	4003+37.30	30.00' RT	548321.9062	580562.8516
61035	4002+38.30	30.00' RT	548414.9144	580596.7702

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
61036	4002+38.30	17.00' RT	548410.4604	580608.9834
61037	4002+33.30	12.00' RT	548413.4447	580615.3938
61038	335+75.00	35.00' LT	548070.9854	580633.5820
61087	341+29.60	55.00' LT	548601.3496	580807.3335
61088	341+40.47	55.72' LT	548612.2452	580811.3479
61089	341+57.79	58.21' LT	548630.0986	580816.8255

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
61090	341+86.37	58.21' LT	548657.5073	580830.3823
61091	336+15.44	84.05' LT	548125.7840	580601.3578
61092	336+13.67	114.48' LT	548134.5471	580572.1582
61093	336+11.67	114.37' LT	548132.6315	580571.5833
61094	336+02.18	103.80' LT	548120.0866	580578.2605
61095	335+53.04	87.51' LT	548068.3418	580576.7252
61096	335+58.12	83.69' LT	548071.8084	580582.0515
61097	335+63.22	79.88' LT	548025.2941	580582.3838
61099	337+55.68	87.55' LT	548258.7355	580646.1127
61100	341+40.93	44.00' RT	548571.8636	580902.5245
61101	341+93.72	44.00' RT	548616.7993	580924.4323
61102	341+29.68	55.67' RT	548557.4776	580908.9321
61103	341+57.79	55.67' RT	548581.3717	580919.7557
61104	341+70.65	55.67' RT	548592.1777	580924.9741
61107	341+70.73	64.64' RT	548588.2739	580933.0577
61108	336+31.43	63.67' RT	548090.1970	580745.6147
61109	336+11.78	44.01' RT	548078.4646	580720.4130
61110	341+24.09	46.06' RT	548556.4348	580898.0290
61111	335+84.65	57.85' RT	548048.2425	580724.1147
61112	336+11.35	27.73' RT	548073.1617	580733.7037
61113	335+84.70	52.85' RT	548049.9970	580719.4325
61114	336+31.43	53.67' RT	548093.6231	580736.2199

**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**



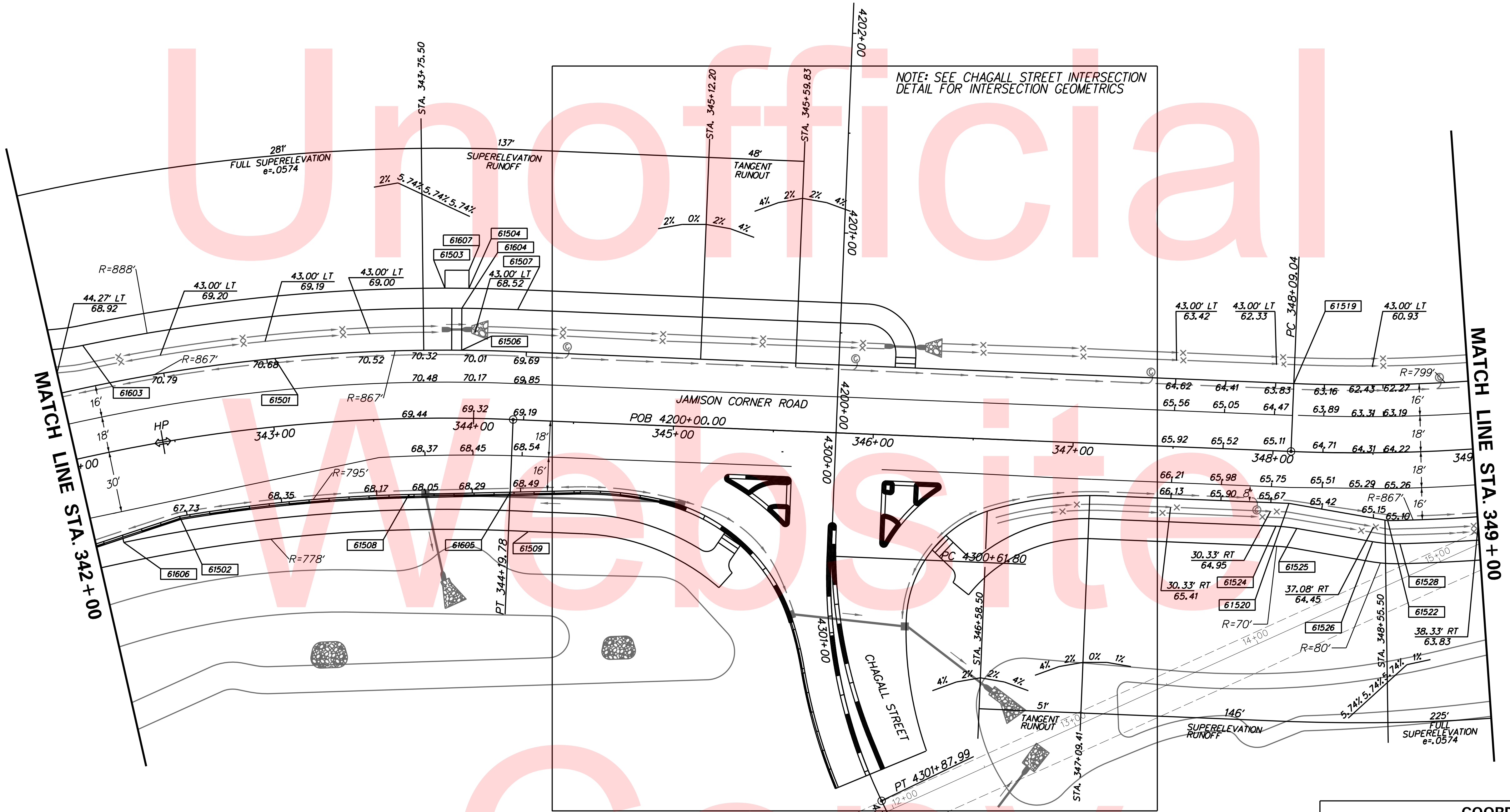
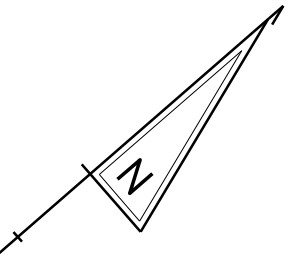
ADDENDUMS / REVISIONS



CONTRACT	BRIDGE NO.	
T200912002	DESIGNED BY:	WJD
COUNTY	CHECKED BY:	BPH
NEW CASTLE		

**GRADES AND
GEOMETRICS**

SHEET NO.	39
TOTAL SHTS.	123



PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR_YG04.DGN [SHEET: GC04]

NOTE:
 THE SUPERELEVATION TRANSITION LENGTH WAS CALCULATED USING A CONSTANT SUPERELEVATION RATE AND EQUATION 3-25 FROM THE AASHTO-GEOMETRIC DESIGN OF HIGHWAYS AND STREETS, 2004 EDITION MANUAL.

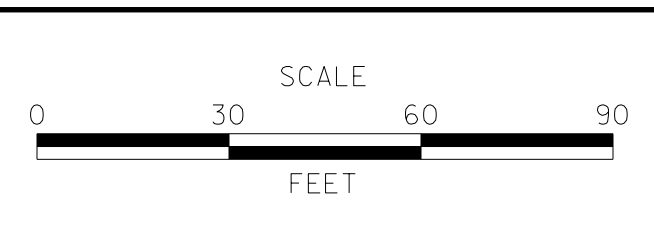
COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
61501	343+03.73	34.00' LT	548750.6460	580915.3732
61502	342+45.94	38.00' RT	548662.9216	580943.7385
61503	343+85.68	65.00' LT	548837.9943	580944.6929
61504	343+96.81	65.00' LT	548846.9967	580952.6274
61505	4301+15.30	197.00' LT	548695.2235	581112.1337
61506	343+93.73	34.00' LT	548823.9489	580973.6143
61507	344+19.78	55.00' LT	548858.3697	580976.6489
61508	343+66.84	38.00' RT	548756.7081	581010.7737

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
61509	344+29.74	55.67' RT	548789.6332	581063.9546
61511	4301+60.92	147.96' RT	548705.1828	581201.9707
61512	4300+90.76	83.00' RT	548810.6907	581144.8036
61513	4301+73.48	17.00' RT	548822.6115	681262.1776
61514	4301+73.48	2.00' RT	548836.8343	581266.9433
61515	4301+73.48	8.00' LT	548846.3162	581270.1205
61516	4301+73.48	30.71' LT	648867.8533	581277.3372
61517	346+80.25	92.00' RT	548946.8427	581262.3516

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
61518	4302+58.15	82.76' LT	548895.8247	581730.9663
61519	348+09.04	34.00' LT	549126.9873	581259.1503
61520	348+09.04	26.00' RT	549085.7999	581302.7806
61521	348+00.24	90.29' RT	549035.2583	581343.4853
61522	348+56.82	34.00' RT	549117.4273	581341.6831
61523	348+47.82	54.28' RT	549097.0667	581350.9910
61524	348+03.01	37.67' RT	549073.3995	581307.1223
61525	348+13.30	38.37' RT	549080.5524	581314.8257
61526	348+49.50	44.44' RT	549104.8259	581344.6828
61527	348+03.01	47.67' RT	549066.5343	581314.3935
61528	348+62.41	45.67' RT	549114.4426	581354.3961
61603	342+14.56	55.00' LT	548682.4987	580847.4712
61604	343+93.61	55.00' LT	548837.7906	580957.8212
61605	344+19.78	36.39' RT	548795.6277	581043.1010
61606	342+14.58	45.66' RT	548633.3461	580935.3195
61607	343+96.73	74.04' LT	548852.9530	580945.8314



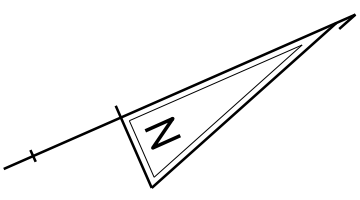
ADDENDUMS / REVISIONS	



**JAMISON CORNER ROAD,
 RELOCATED AT
 BOYDS CORNER ROAD**

CONTRACT	BRIDGE NO.
T200912002	
COUNTY	DESIGNED BY: WJD
NEW CASTLE	CHECKED BY: BPH

GRADES AND GEOMETRICS		SHEET NO.
		40
		TOTAL SHTS.
		123

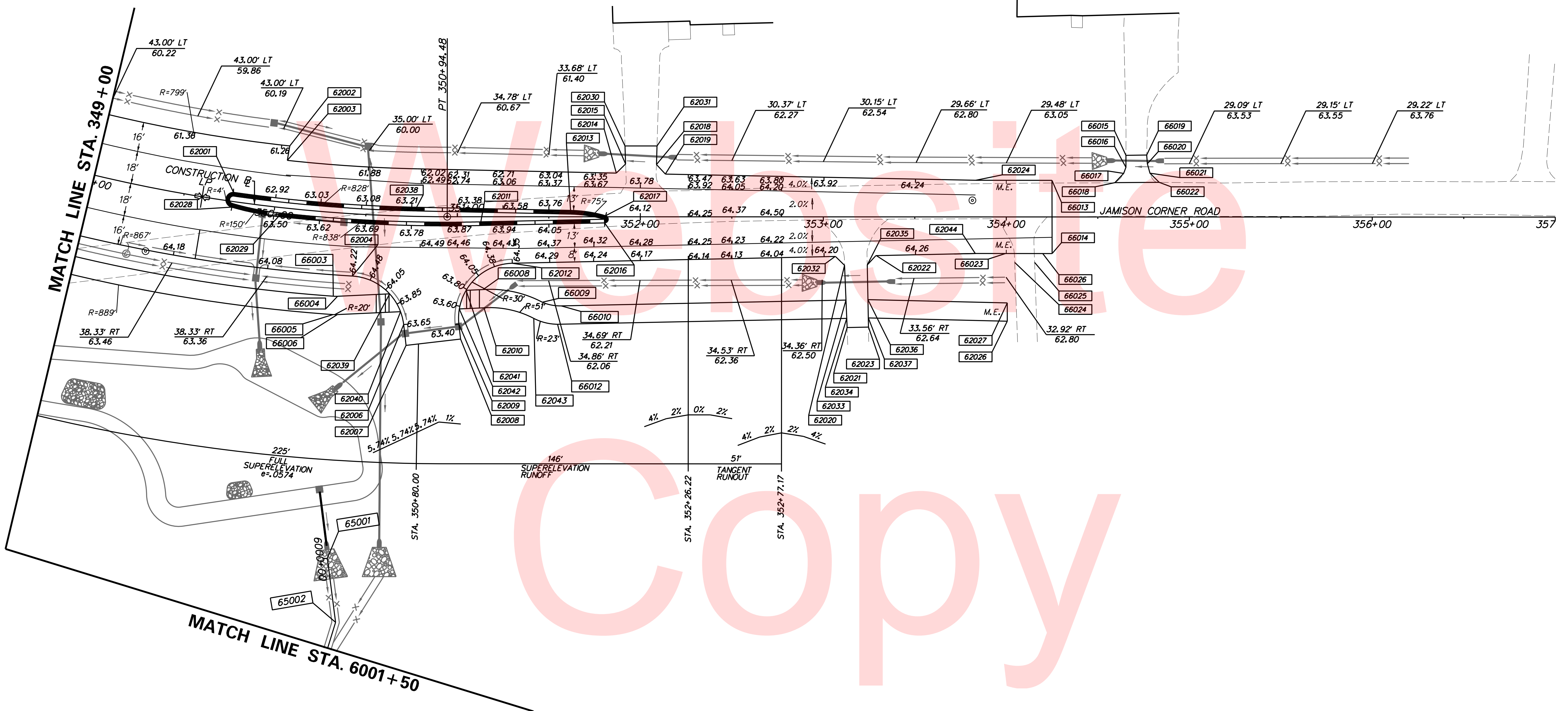


COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
62001	349+76.58	5.00' LT	549238.8183	581381.6640
62002	350+04.60	33.99' LT	549277.1746	581370.8224
62003	350+04.09	26.00' LT	549272.7624	581377.4994
62004	350+44.68	34.00' RT	549279.9296	581449.6797
62005	350+45.24	45.67' RT	549275.1309	581460.3337
62006	350+72.27	59.26' RT	549294.9136	581485.2017
62007	350+73.76	70.60' RT	549291.5452	581496.1436
62008	351+01.81	66.86' RT	549320.2172	581504.9704
62009	351+00.87	58.71' RT	549322.6315	581497.1283
62010	351+14.59	49.77' RT	549338.7937	581485.4674
62011	351+12.46	4.81' RT	549354.9342	581452.4426
62012	351+30.04	25.43' RT	549362.7298	581478.3990
62013	351+61.86	3.47' LT	549403.4862	581464.7373
62014	351+86.86	23.97' LT	549434.6199	581456.0290
62015	351+91.96	28.86' LT	549441.2595	581453.5966
62016	351+80.51	3.35' RT	549417.8253	581478.4815
62017	351+81.02	0.58' LT	549419.8687	581475.0954
62018	352+08.81	28.52' LT	549456.5481	581460.6870
62019	352+13.71	23.42' LT	549458.9805	581467.3266
62020	353+11.63	26.49' RT	549528.5519	581552.4206

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
62021	353+13.02	60.47' RT	549516.1565	581584.0880
62022	353+24.01	26.27' RT	549539.9753	581557.1993
62023	353+24.70	60.23' RT	549526.9458	581588.5640
62024	353+83.31	19.99' LT	549612.8720	581538.6962
62025	350+55.95	54.66' RT	549281.2199	581473.4652
62026	354+00.53	57.00' RT	549597.6714	581616.1153
62027	354+00.53	47.00' RT	549601.6943	581606.9602
62028	349+76.84	3.14' RT	549234.7426	581388.7173
62029	350+02.66	5.00' RT	549256.0433	581403.6437
62030	351+91.62	38.69' LT	549444.9028	581444.4652
62031	352+09.12	38.69' LT	549460.9227	581451.5046
62032	353+06.52	21.60' RT	549525.8431	581545.8837
62033	353+12.43	45.48' RT	549521.6431	581570.1246
62034	353+12.82	55.47' RT	549517.9853	581579.4335
62035	353+28.94	21.13' RT	549546.5511	581554.4745
62036	353+24.41	45.23' RT	549532.7110	581574.7162
62037	353+24.62	55.23' RT	549528.8792	581583.9529
62038	350+77.65	5.00' LT	549327.1698	581429.3457
62039	350+64.57	42.73' RT	549294.6597	581466.7620
62040	350+70.49	52.26' RT	549296.1940	581478.0644

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
62041	351+05.34	42.99' RT	549333.0576	581484.5312
62042	351+01.11	50.40' RT	549326.1985	581489.6174
62043	351+41.81	55.55' RT	549361.3859	581510.7045
62044	353+83.43	20.00' RT	549596.8973	581575.3606
65001	6000+00.00	0.00'	549205.4103	581585.3680
65002	6000+35.28	0.00'	549195.4800	581619.2220
66003	350+35.42	45.67' RT	549265.9339	581455.5570
66004	350+37.64	45.54' RT	549268.0720	581456.5277
66005	350+35.99	55.67' RT	549261.8064	581464.6852
66006	350+38.17	55.54' RT	549263.9325	581465.6496
66007	351+14.59	49.77' RT	549333.5799	581498.0066
66008	351+14.13	39.78' RT	549342.3866	581485.1333
66009	351+46.46	46.70' RT	549369.2101	581504.4770
66010	351+56.82	48.71' RT	549377.8835	581510.4859
66011	351+41.81	55.55' RT	549361.3859	581510.7045
66012	351+54.82	58.76' RT	549372.0081	581518.8749
66013	354+24.95	-20.00	549651.0020	581555.4437
66014	354+25.05	20.00	549634.9982	581592.1028
66015	354+65.36	-33.66	549693.4955	581559.1916
66016	354+65.35	-27.13	549690.8525	581565.1625

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
66017	354+64.13	-23.80	549688.4050	581567.7233
66018	354+59.32	-18.77	549681.9689	581570.3956
66019	354+76.70	-33.85	549703.9522	581563.5844
66020	354+77.09	-29.09	549702.3879	581568.0943
66021	354+78.49	-23.91	549701.5839	581573.4037
66022	354+83.52	-18.94	549704.1970	581579.9743
66023	353+99.59	20.00	549611.6917	581581.8615
66024	354+04.58	24.85	549614.3045	581588.3097
66025	354+15.45	24.85	549624.2636	581592.6816
66026	354+19.93	20.00	549630.3162	581590.0454



PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELTDOTDOTS\TASK002_BOYDCORNERROAD\CADD\CADD_JCR\GG05.DGN [SHEET: GG05]

NOTE:
1. M.E. = MATCH EXISTING

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
62502	1035+28.85	25.31' LT	547710.4294	580946.7698
62503	1035+32.50	65.32' LT	547746.9951	580963.4130
62504	1035+44.63	65.72' LT	547743.4218	580974.8687
62505	1035+50.96	25.38' LT	547703.2536	580967.5769
62506	1035+94.16	25.27' LT	547689.2325	581008.2433
62901	1034+97.79	25.07' LT	547720.5108	580917.5377
66013	1034+50.00	27.00' LT	547738.4910	580873.4480
66014	1034+50.00	22.48' LT	547734.2471	580871.8947



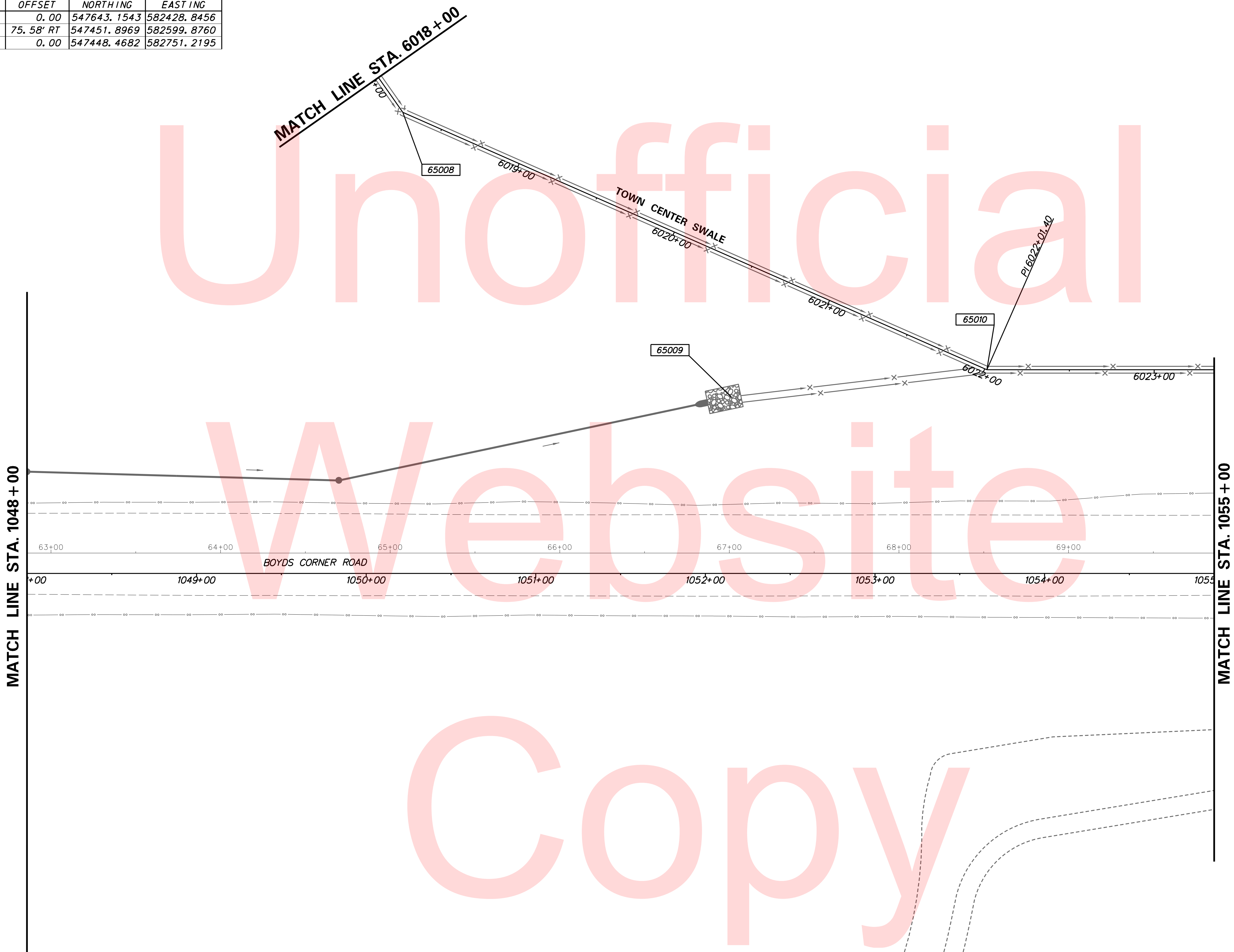
[SHEET: 6009]

DATE: 6/22/2017

PLOTTED BY: BDOUGHERTY
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\GG09.DGN

COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING
65008	6018+25.05	0.00	547643.1543	582428.8456
65009	6020+70.24	75.58' RT	547451.8969	582599.8760
65010	6022+01.40	0.00	547448.4682	582751.2195



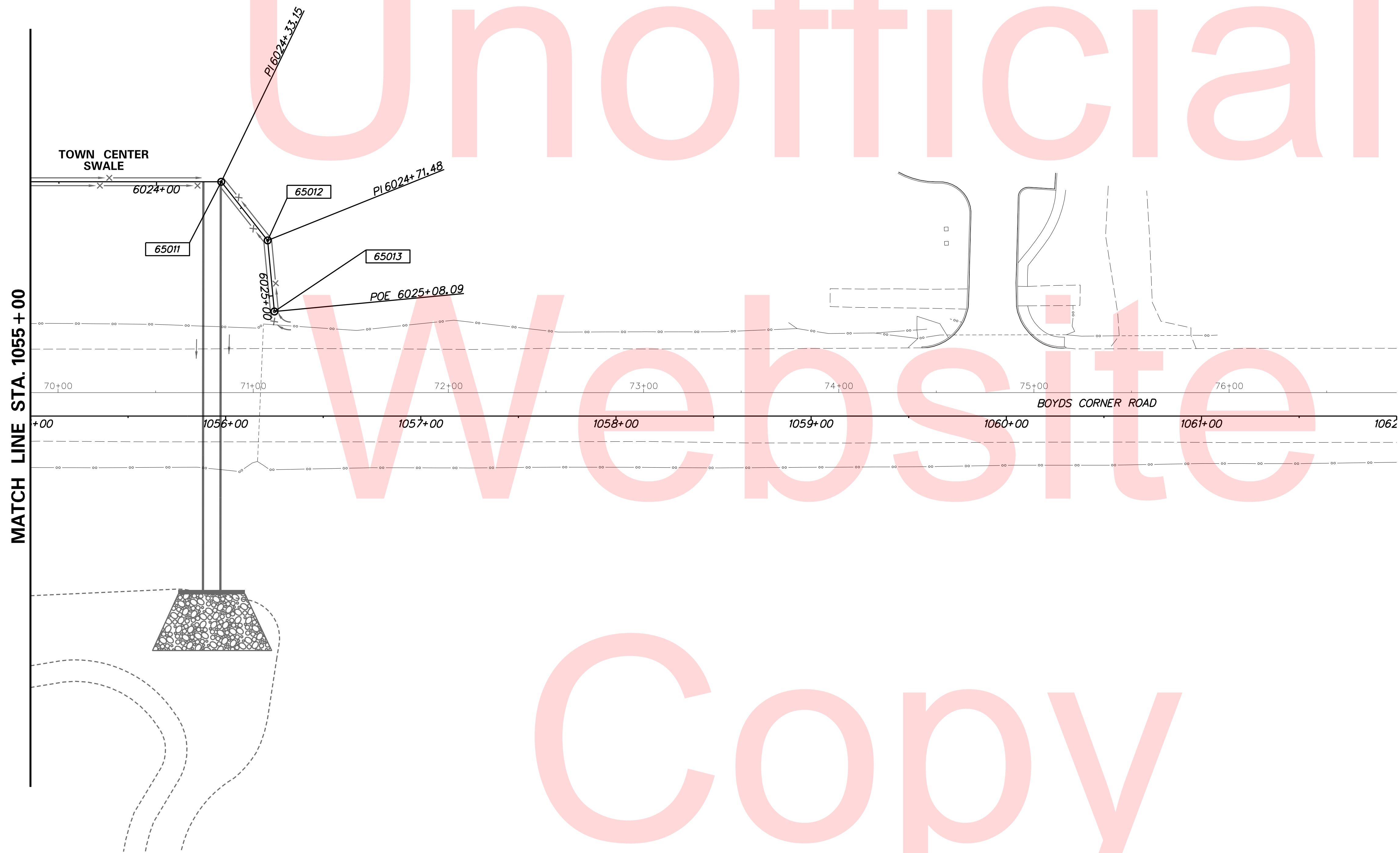
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PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\GG11.DGN [SHEET: GG11]

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
65011	6024+60.60	0.00'	547419.5959	582981.1062
65012	6024+98.93	0.00'	547386.7669	583000.8916
65013	6025+35.54	0.00'	547350.1788	582999.7072



[SHEET: GG12]

DATE: 6/22/2017

DESIGNED BY: BDOUGHERTY
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\GG12.DGN



DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS



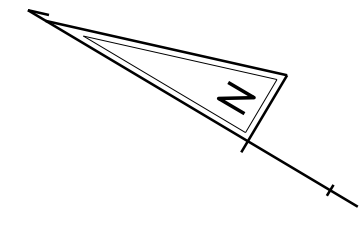
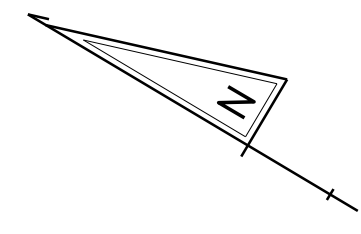
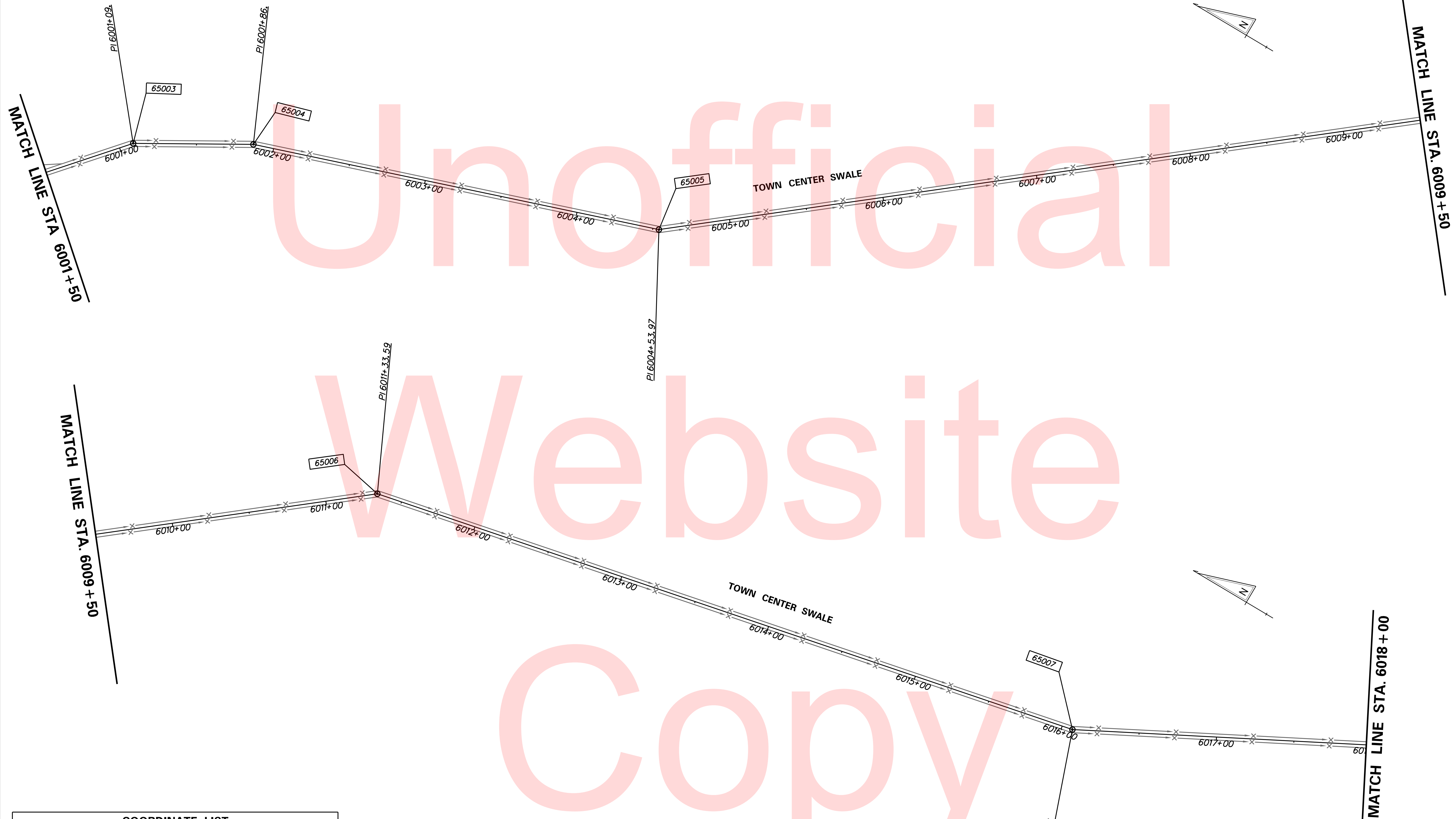
**JAMISON CORNER ROAD,
 RELOCATED AT
 BOYDS CORNER ROAD**

CONTRACT	BRIDGE NO.	
T200912002	DESIGNED BY:	WJD
COUNTY	CHECKED BY:	BPH
NEW CASTLE		

**GRADES AND
 GEOMETRICS**

SHEET NO.	44
TOTAL SHTS.	123

Unofficial
Website
Copy



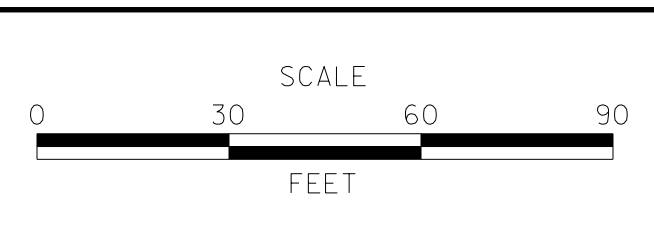
COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING
65003	6001+09.17	0.00'	549147.1984	581675.1581
65004	6001+86.79	0.00'	549080.2462	581714.2983
65005	6004+53.97	0.00'	548827.4382	581800.9345
65006	6011+33.59	0.00'	548299.0071	582228.3096
65007	6016+06.97	0.00'	547836.0534	582327.1073

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000BELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\GG13.DGN [SHEET: GG13]



ADDENDUMS / REVISIONS

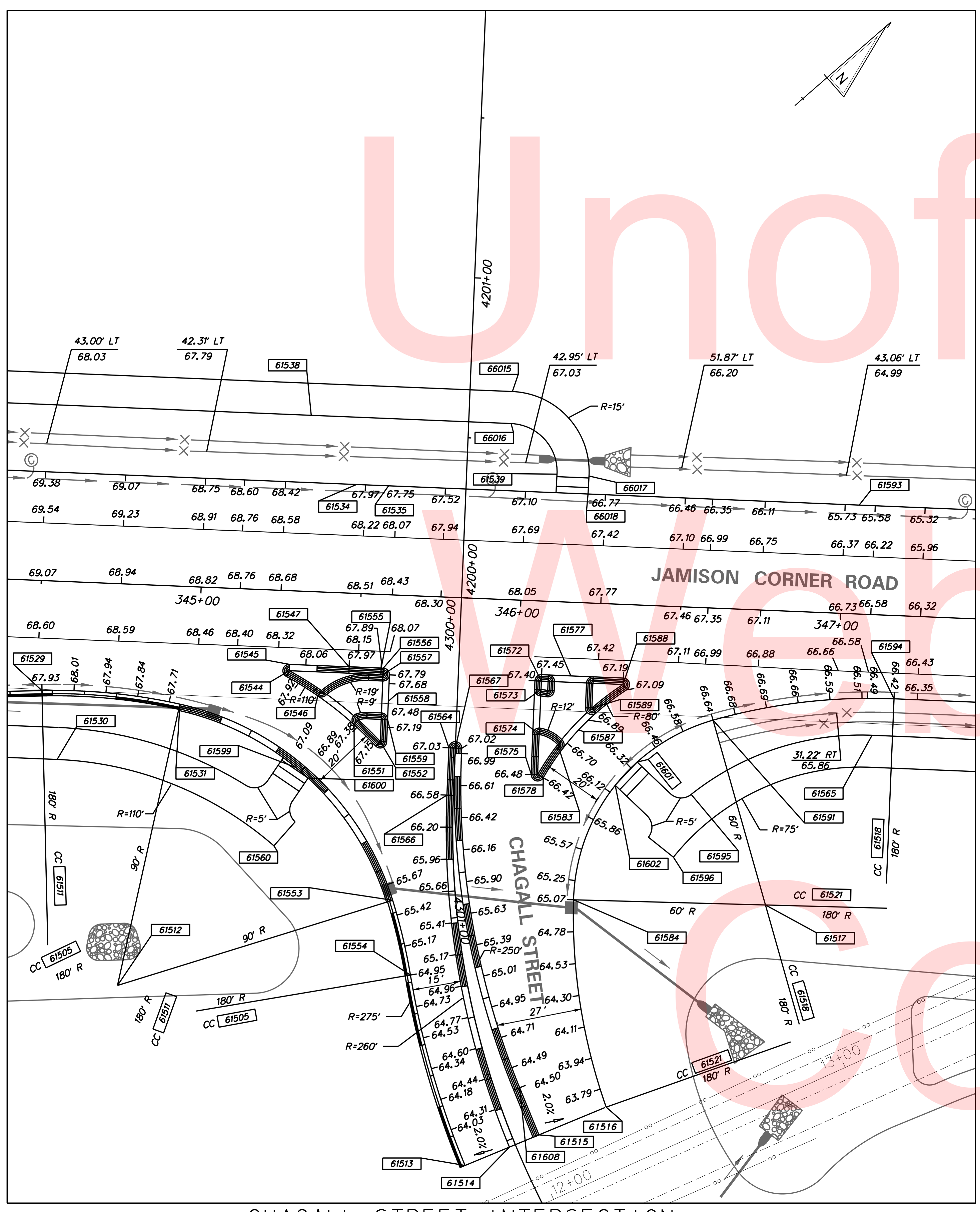


**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: WJD
	CHECKED BY: BPH

GRADES AND GEOMETRICS	SHEET NO. 45
	TOTAL SHTS. 123

Unofficial

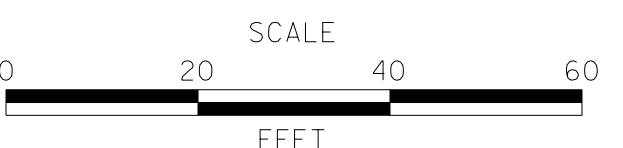


COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
61513	4301+73.48	17.00' RT	548822.6115	581262.1776
61544	4300+26.83	48.51' RT	548884.4405	581113.8039
61545	4300+23.00	47.70' RT	548887.6572	581111.5747
61546	4300+32.47	43.59' RT	548884.1450	581121.2826
61547	4300+23.00	34.18' RT	548897.4919	581120.8603
61551	4300+41.01	31.88' RT	548886.7954	581135.5347
61552	4300+42.82	24.90' RT	548889.5014	581144.8729
61553	4300+71.22	28.14' RT	548868.2116	581160.9476
61554	4301+15.26	17.29' RT	548848.5405	581205.8909
61555	4300+23.00	24.17' RT	548904.7633	581127.7257
61556	4300+23.00	23.50' RT	548905.2539	581128.1889
61557	4300+25.00	23.50' RT	548903.8809	581129.6431
61558	4300+27.76	21.50' RT	548903.4403	581133.0230
61559	4300+39.00	21.50' RT	548895.7238	581141.1958
61560	4300+77.20	55.13' RT	548843.1990	581148.6565
61562	4300+69.73	2.29' RT	548888.6388	581176.8641
61564	4300+47.00	2.00' RT	548904.4104	581160.3998
61566	4300+61.80	2.00' RT	548894.2493	581171.1617
61567	4300+47.00	2.00' LT	548905.8646	581161.7728
61572	4300+25.00	26.00' LT	548939.8730	581163.6257
61573	4300+27.64	26.00' LT	548938.0620	581165.5438
61574	4300+41.69	26.00' LT	548928.4173	581175.7588
61575	4300+54.27	24.07' LT	548918.3773	581183.5796
61577	4300+23.00	35.12' LT	548947.8794	581168.4346
61578	4300+55.14	27.84' LT	548920.5229	581186.8051
61583	4300+44.62	31.92' LT	548930.7094	581181.9543
61584	4300+98.04	36.37' LT	548902.4436	581221.5601
61587	4300+39.76	38.25' LT	548938.6478	581182.7724
61588	4300+23.00	51.57' LT	548959.8376	581179.7251
61589	4300+32.78	42.12' LT	548946.2529	581180.3537
61591	4300+35.00	79.82' LT	548972.1388	581207.8432
61595	4300+58.46	74.24' LT	548951.9797	581221.0707
61596	4300+84.29	68.77' LT	548934.9257	581232.2139
61599	4300+50.41	50.14' RT	548867.0665	581129.8317
61600	4300+56.39	42.12' RT	548868.7954	581139.6813
61601	4300+50.15	58.22' LT	548946.0337	581204.0272
61602	4300+57.70	51.66' LT	548936.0832	581205.0225
61529	344+51.65	34.36' RT	548820.1940	581063.5061
61530	344+57.24	55.67' RT	548809.6314	581082.8363
61534	345+47.21	34.00' LT	548936.6128	581079.4048
61535	345+57.21	34.00' LT	548943.8842	581086.2703
61538	345+32.16	55.00' LT	548940.0845	581053.8014
61539	345+47.16	40.13' LT	548940.7829	581074.9103
61565	347+11.34	37.67' RT	549006.7462	581244.1903
61592	347+11.34	47.67' RT	548999.8810	581251.4615
61593	347+04.37	34.00' LT	549050.8857	581187.2976
61594	347+17.21	26.00' RT	549019.0278	581239.7365
66015	345+94.66	65.00' LT	548992.3943	581089.4376
66016	345+94.66	55.00' LT	548985.5291	581096.7087
66017	346+19.66	39.63' LT	548993.1554	581125.0433
66018	346+19.58	34.00' LT	548989.2281	581129.0825

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDCORNERROAD\CADD\CADD_JCR\GG16.DGN [SHEET: GG16]



ADDENDUMS / REVISIONS

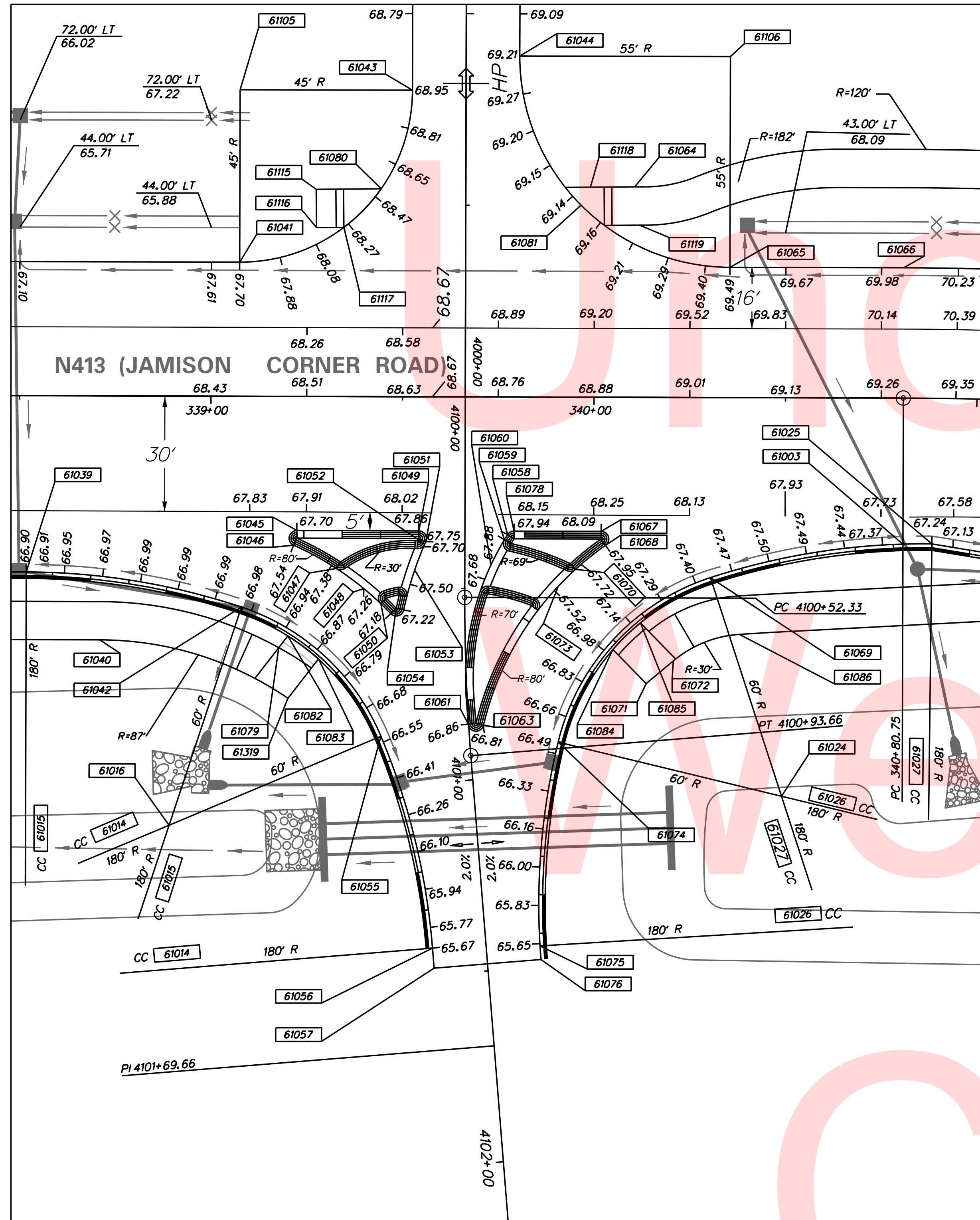


**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

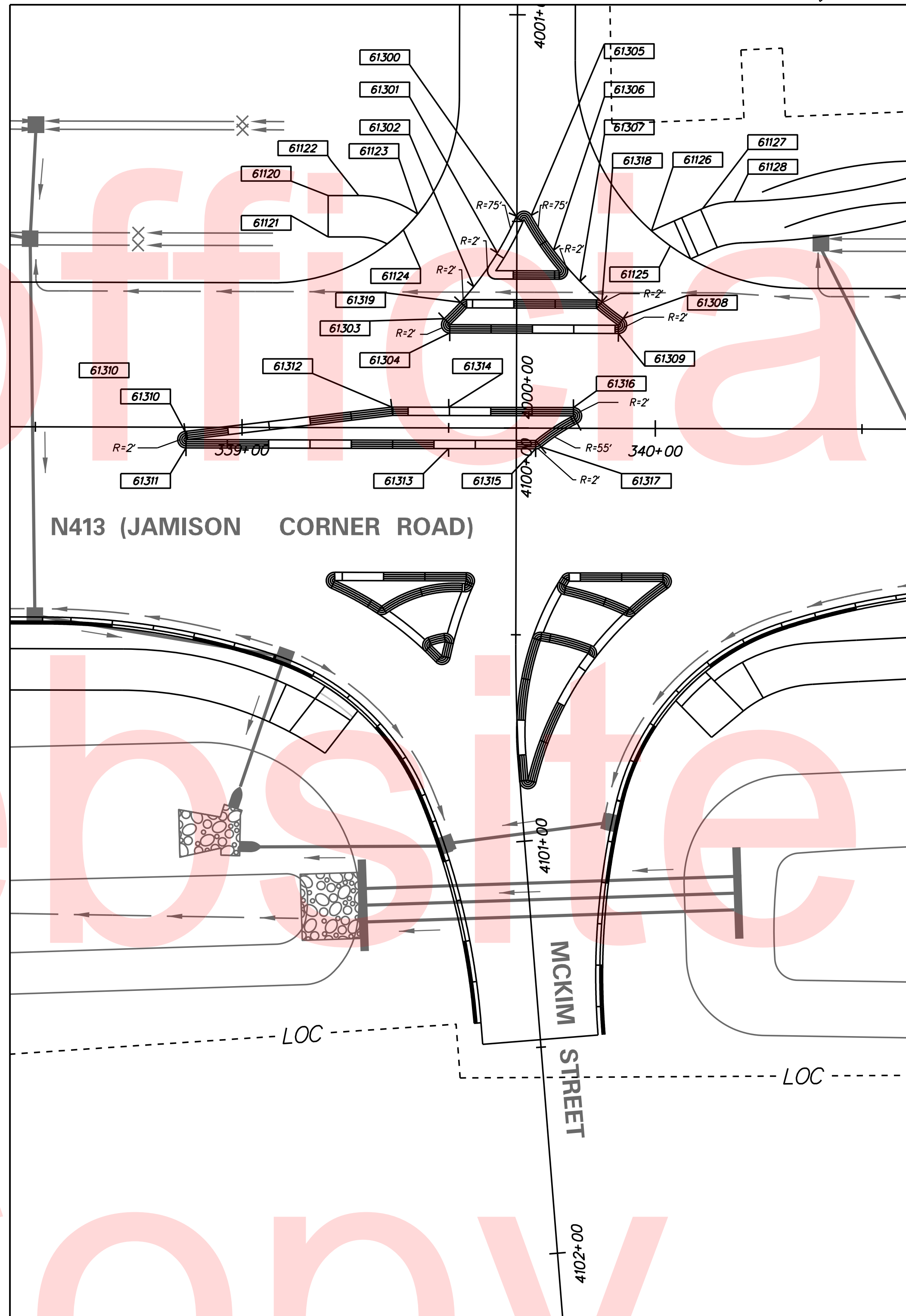
CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: WJD
	CHECKED BY: BPH

GRADES AND GEOMETRICS	SHEET NO. 46
	TOTAL SHTS. 123

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDCORNERROAD\CADD\CADD_JCR\GG17.DGN [SHEET: GG17]



MCKIM STREET INTERSECTION INTERIM CONDITION



MCKIM STREET INTERSECTION ULTIMATE CONDITION (NOT FOR CONSTRUCTION)

COORDINATE LIST

POINT NO.	STATION	OFFSET	NORTHING	EASTING
61003	340+80.73	38.12' RT	548521.0580	580875.5511
61025	340+88.69	38.00' RT	548528.2218	580878.0701
61039	338+51.87	46.00' RT	548303.3493	580804.5396
61040	338+71.13	63.67' RT	548315.3828	580827.7364
61066	340+80.75	34.00' LT	548545.7873	580807.7992
61079	339+17.86	65.58' RT	548358.6334	580845.5397
61105	339+07.39	80.00' LT	548398.6717	580705.1850
61106	340+35.39	89.00' LT	548522.0082	580740.5841
61300	339+66.24	51.27' LT	548444.1253	580752.3376
61301	339+61.68	42.38' LT	548436.7869	580759.1309
61302	339+55.97	34.17' LT	548428.6101	580764.8876
61303	339+48.84	26.43' LT	548419.2616	580769.7131
61304	339+50.21	22.98' LT	548419.3662	580773.4290
61305	339+69.83	51.45' LT	548447.5540	580753.3977
61306	339+75.26	43.06' LT	548449.7775	580763.1474
61307	339+81.68	35.53' LT	548453.2361	580772.4210
61308	339+92.16	26.60' LT	548460.0141	580784.4005
61309	339+91.00	22.96' LT	548457.6852	580787.4197
61310	338+86.22	1.01' RT	548351.0279	580774.0434
61311	338+86.46	5.00' RT	548349.8862	580777.8696
61312	339+36.22	4.99' LT	548400.0574	580785.5372
61313	339+50.00	5.00' RT	548409.5853	580799.6409
61314	339+50.00	5.00' LT	548413.0114	580790.2462
61315	339+71.07	5.00' RT	548429.3749	580806.8579
61316	339+80.17	5.00' LT	548441.3547	580800.5825
61317	339+72.33	4.55' RT	548430.7197	580806.8671
61318	339+86.99	30.59' LT	548456.5271	580778.8783
61319	339+20.30	78.78' LT	548356.3999	580858.7819
61014	4101+42.95	194.01' RT	548196.0790	580885.4435
61015	4102+15.98	126.76' RT	548241.6824	580973.6272
61016	4101+05.48	80.00' RT	548315.9354	580879.3826
61024	4101+10.71	80.00' LT	548468.8889	580926.6465
61026	4101+48.18	194.00' LT	548568.9567	580992.8675
61027	4102+27.30	107.85' LT	548464.9923	581046.4507
61045	4100+35.00	43.89' RT	548373.4649	580818.4010
61046	4100+38.83	44.70' RT	548371.3933	580821.7215
61047	4100+44.87	33.54' RT	548379.8149	580831.2178
61048	4100+50.10	26.36' RT	548384.7584	580838.5920
61049	4100+35.00	12.04' RT	548403.3904	580829.3144
61050	4100+56.45	19.33' RT	548389.1474	580847.1256
61051	4100+37.81	10.21' RT	548404.1465	580832.5799
61052	4100+39.15	10.79' RT	548403.1444	580833.6390
61053	4100+45.22	13.09' RT	548398.8990	580838.5525
61054	4100+55.53	15.93' RT	548392.6795	580847.3696
61055	4100+87.05	23.05' RT	548375.8624	580876.3522
61056	4101+42.95	14.00' RT	548369.7127	580932.9401
61057	4101+48.18	14.00' RT	548368.3328	580937.9840
61058	4100+35.93	11.15' LT	548424.8526	580838.1306
61059	4100+37.27	10.32' LT	548423.6145	580839.1066
61060	4100+43.83	6.82' LT	548418.0841	580844.0749
61061	4100+85.46	0.11' RT	548398.3439	580881.1687
61062	4100+64.67	382.11' RT	548042.5783	580739.3447
61063	4100+85.97	3.84' LT	548402.0005	580882.7595
61067	4100+35.00	35.57' LT	548448.1142	580845.6245
61068	4100+38.63	36.72' LT	548447.9524	580849.4337
61069	4100+46.99	64.13' LT	548470.8393	580866.6774
61070	4100+43.64	30.34' LT	548440.2447	580851.9494
61071	340+13.81	74.70' LT	548445.6518	580886.9874
61072	340+20.90	68.75' LT	548454.3515	580883.8184
61073	4100+49.35	24.42' LT	548432.7250	580855.2860
61074	4100+91.89	23.00' LT	548418.8522	580893.5342
61075	4101+44.61	14.04' LT	548396.3176	580941.9349
61076	4101+48.18	14.00' LT	548395.3405	580945.3723
61078	4100+35.00	12.83' LT	548426.7581	580837.8362
61082	4100+61.65	46.26' RT	548361.9018	580843.4737
61084	4100+66.97	38.53' LT	548440.5173	580875.6803
61085	4100+59.53	45.85' LT	548449.6395	580871.5833
61086	340+38.13	61.78' LT	548472.9291	580883.1802
61041	4000+35.00	59.00' LT	548383.2541	580747.4615
61044	4000+89.00	14.00' RT	548470.3370	580721.7404
61043	4000+80.00	14.00' LT	548440.9481	580720.6026
61064	4000+54.94	44.09' RT	548486.9386	580764.0528
61065	4000+34.00	69.00' RT	548503.1646	580792.2553
61080	4000+54.24	22.10' LT	548424.5087	580742.0286
61081	4000+50.11	30.11' RT	548472.1467	580763.7967
61115	4000+54.06	39.06' LT	548408.5197	580736.3863
61116	4000+44.06	38.95' LT	548405.1919	580745.8163

POINT NO.	STATION	OFFSET	NORTHING	EASTING
61117	4000+44.14	31.82' LT	548411.9201	580748.1906
61118	4000+54.81	32.52' RT	548476.0193	580760.2059
61119	4000+44.94	45.36' RT	548484.7019	580773.8743
61120	339+20.69	56.12' LT	548402.9907	580732.1797
61121	339+20.72	46.12' LT	548399.5897	580741.5836
61122	339+28.09	56.14' LT	548409.9431	580734.6941

POINT NO.	STATION	OFFSET	NORTHING	EASTING
61123	339+42.37	51.70' LT	548421.8454	580743.7593
61124	339+38.90	47.88' LT	548417.2730	580746.1605
61125	340+03.51	44.18' LT	548476.7087	580771.7762
61126	339+98.95	47.80' LT	548473.6597	580766.8029
61127	340+11.31	53.24' LT	548487.1380	580765.9363
61128	340+18.93	54.92' LT	548494.8727	580766.9642

ADDENDUMS / REVISIONS



**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

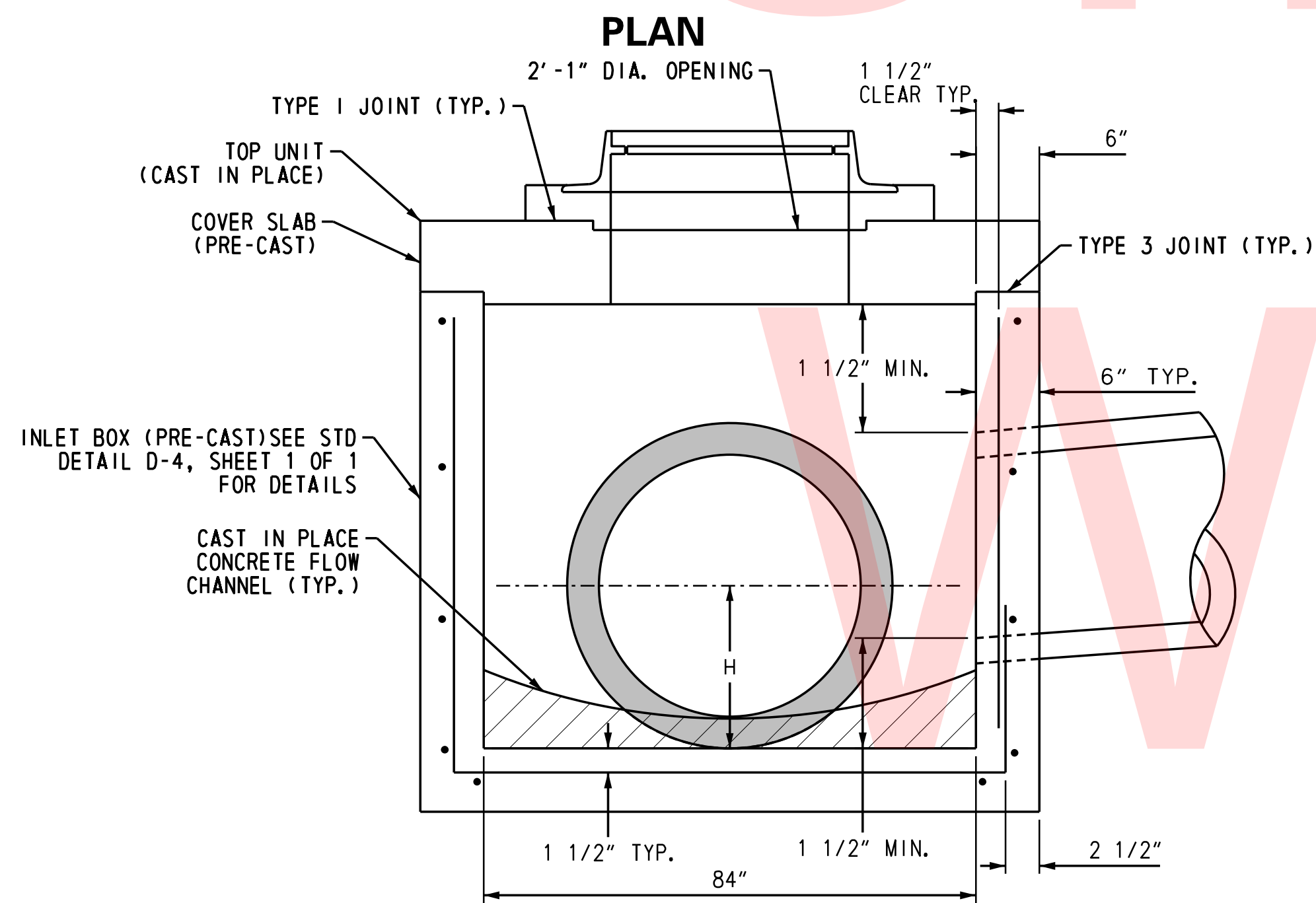
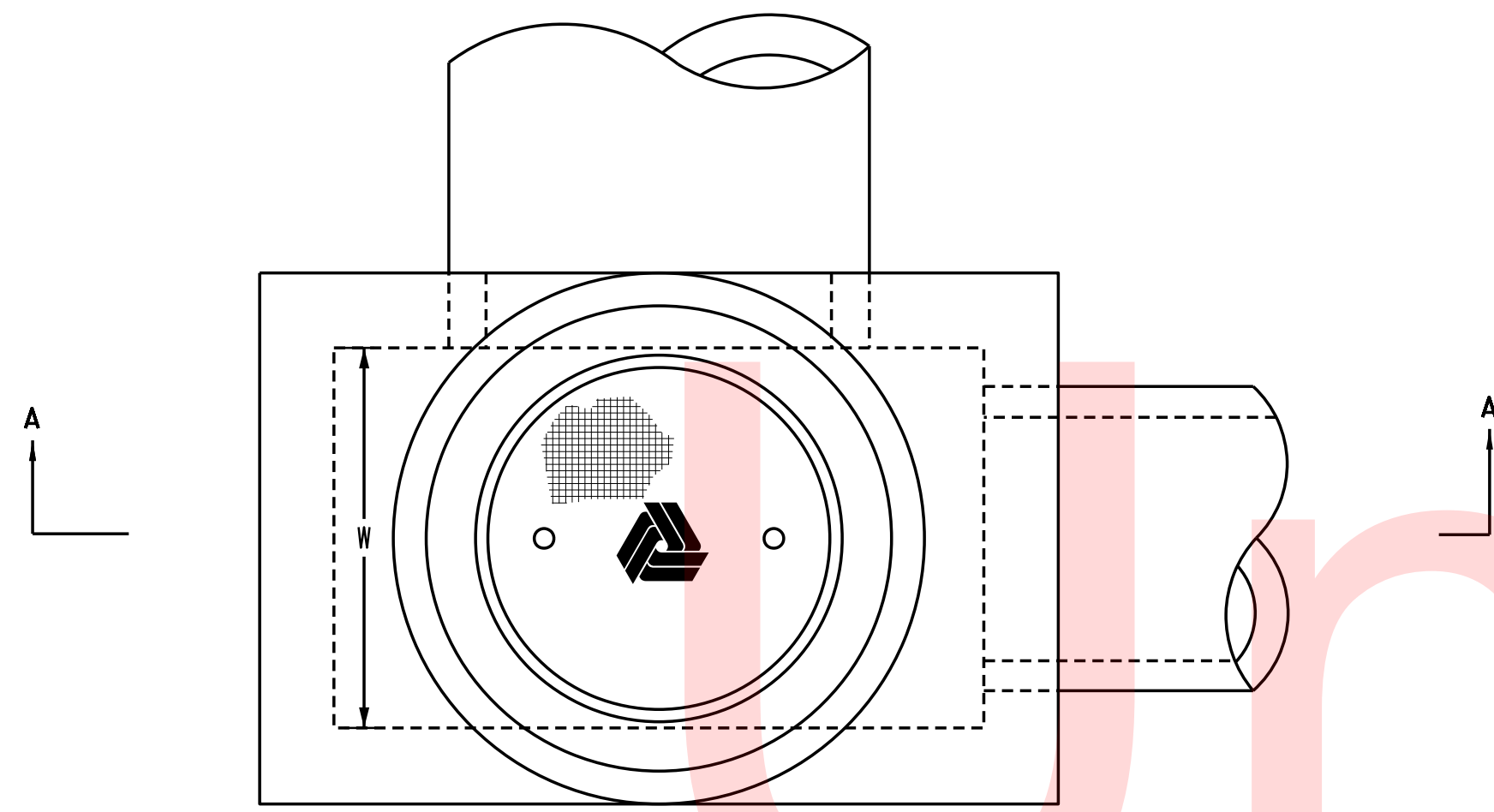
CONTRACT	BRIDGE NO.	
T200912002	DESIGNED BY:	WJD
COUNTY	CHECKED BY:	BPH
NEW CASTLE		

**GRADES AND
GEOMETRICS**

SHEET NO.	47
TOTAL SHTS.	123



PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDCORNERROAD\CADD\CADD_JCR\DT01.DGN [SHEET: DT01]

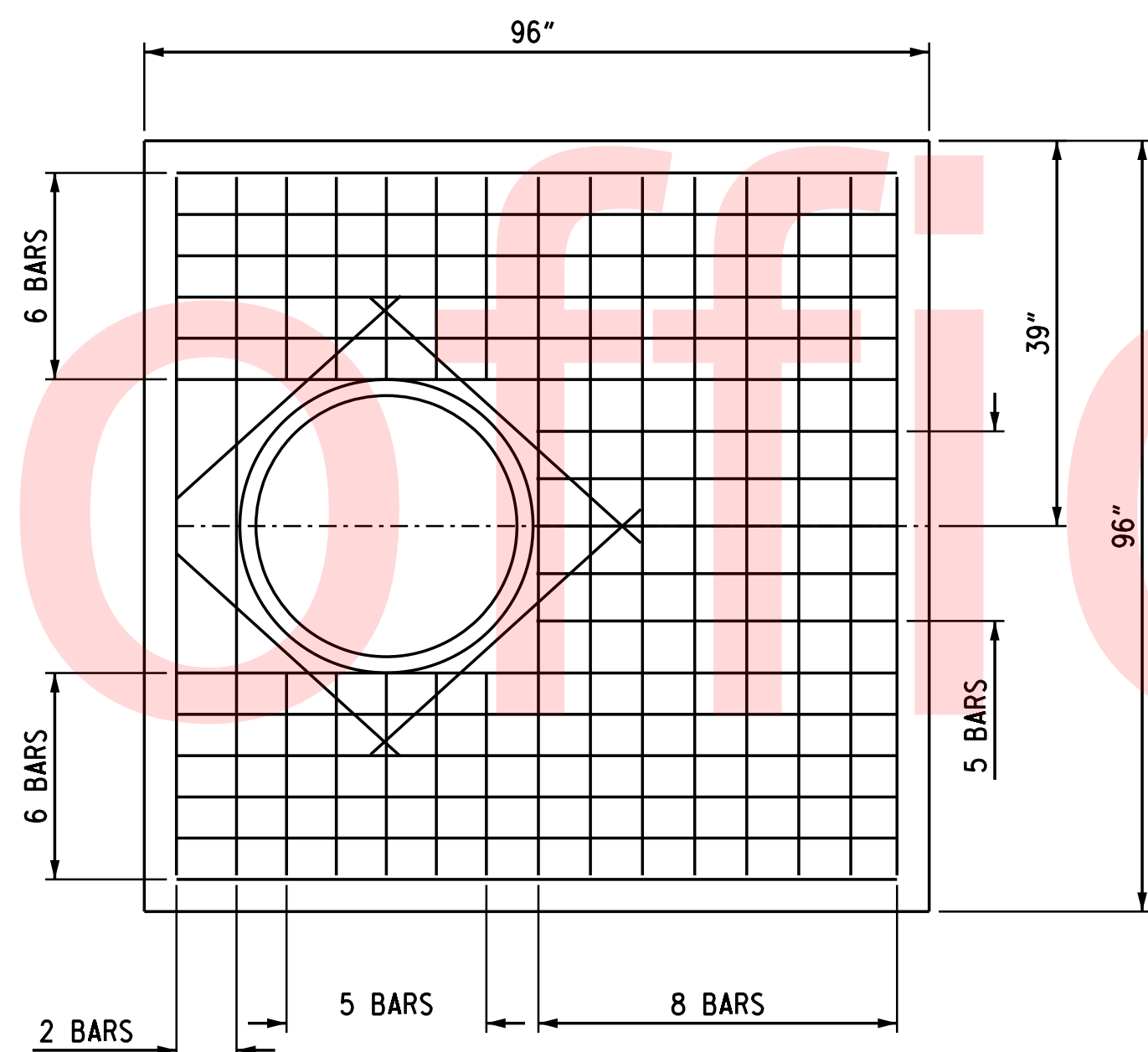


SECTION A-A

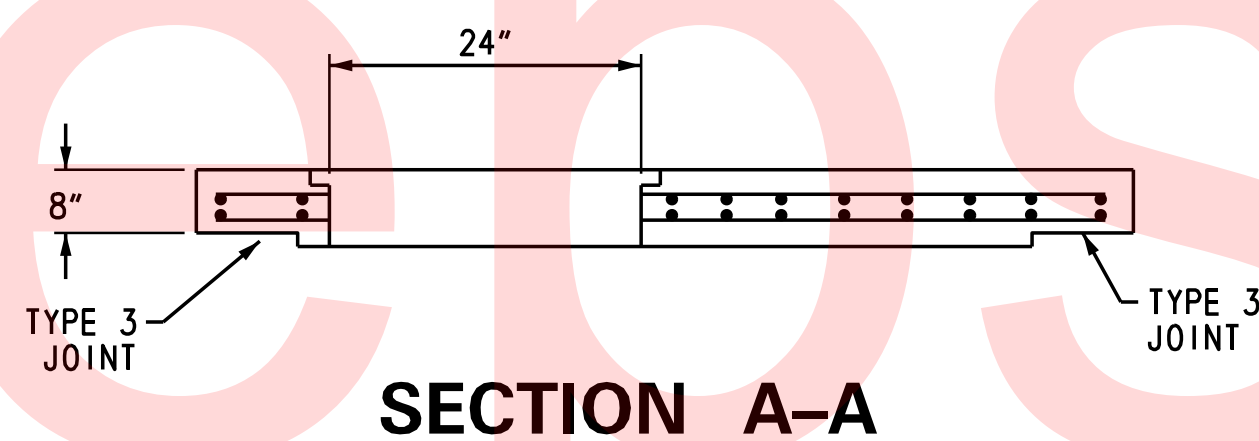
NOTES

1. MANHOLE BOXES SHALL BE PRE-CAST OR CAST-IN-PLACE.
2. PIPES SHALL NOT BE INSTALLED THROUGH ANY CORNER OF THE INLET BOX.
3. CONCRETE FLOW CHANNEL SHALL BE WARPED FOR POSITIVE DRAINAGE.
4. WHEN MANHOLE BOX IS PRECAST, PIPE OPENING SHALL BE BETWEEN 3" AND 4" LARGER THAN OUTSIDE DIAMETER OF PIPE AND SHALL NOT ENCR OACH ON ADJACENT WALL.
5. REFER TO STANDARD D-6 FOR TYPE 1 JOINT, TYPE 3 JOINT, FRAME & COVER AND INLET TOP UNIT.
6. MANHOLE SHALL BE PAID BY ITEM 708596, MANHOLE, SPECIAL II.

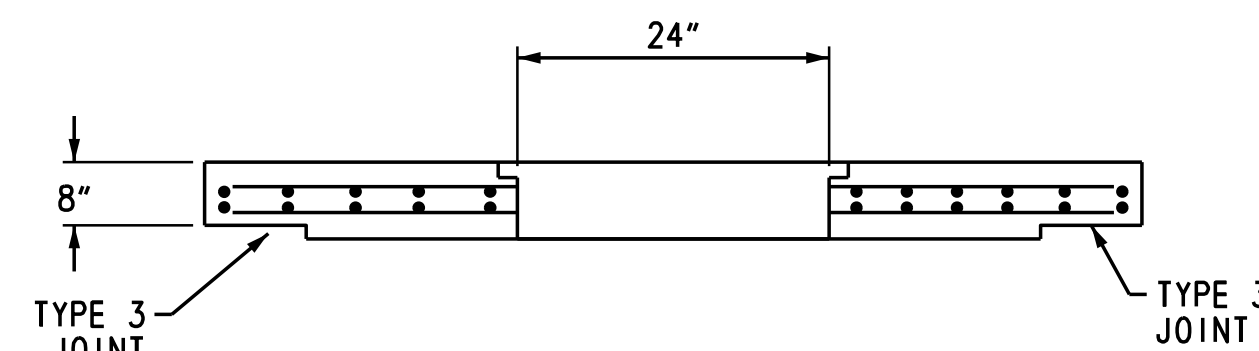
**MANHOLE, SPECIAL II
84" X 84" MANHOLE**



84"X84" COVER SLAB



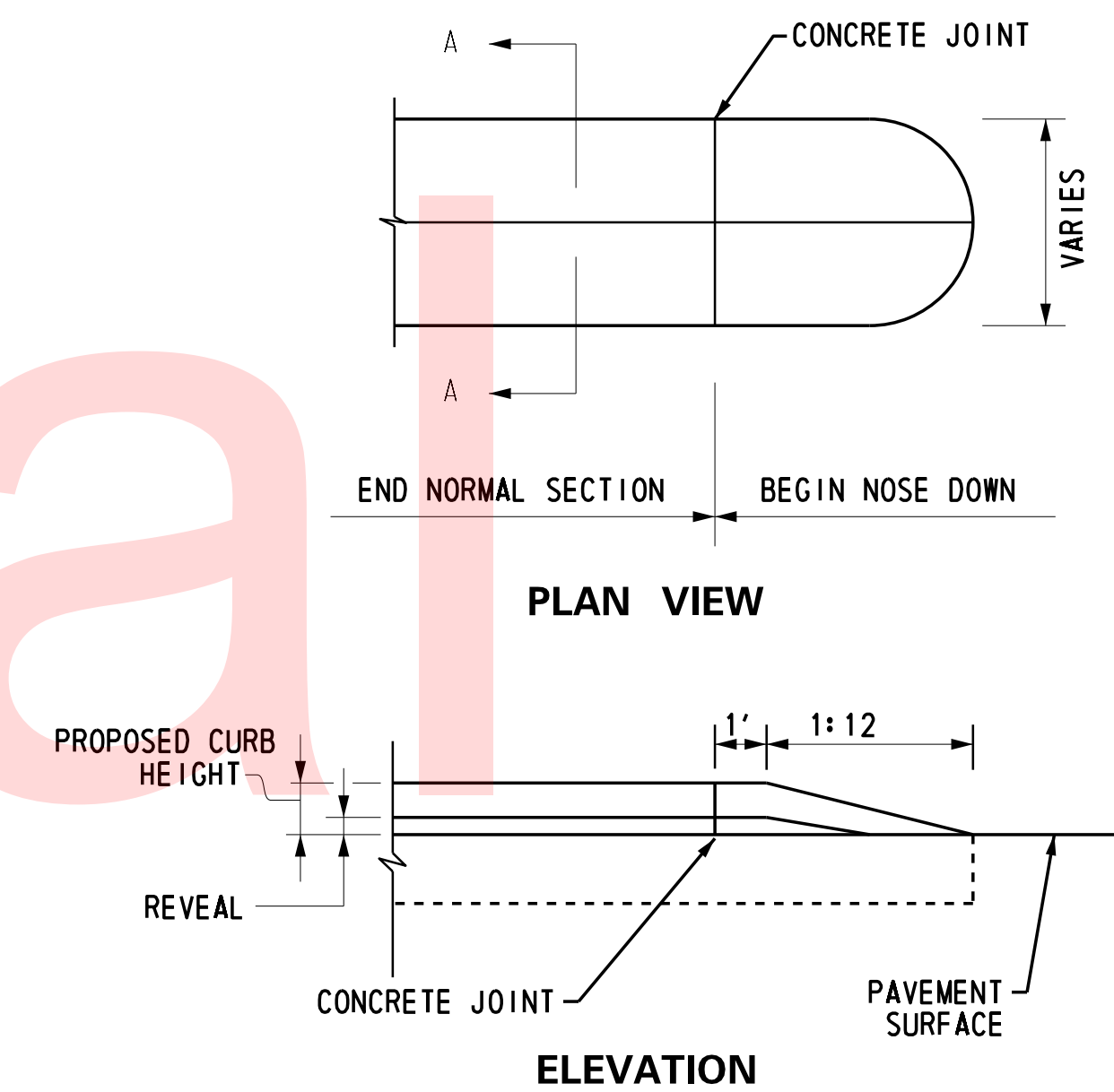
SECTION A-A



SECTION B-B

NOTES

1. COVER SLABS SHALL BE PRE-CAST.
2. ALL BARS SHALL BE #6 SPACED AT 6"± UNLESS NOTED OTHERWISE.
3. MINIMUM BAR COVER = 1 1/2".



NOTES:

1. ALL OTHER WORK NECESSARY FOR THE COMPLETION OF THE ABOVE DETAIL IS TO BE INCIDENTAL TO THE CURB ITEM BEING INSTALLED.

**CONCRETE MEDIAN
NOSE DOWN DETAIL**

ADDENDUMS / REVISIONS

NOT TO SCALE

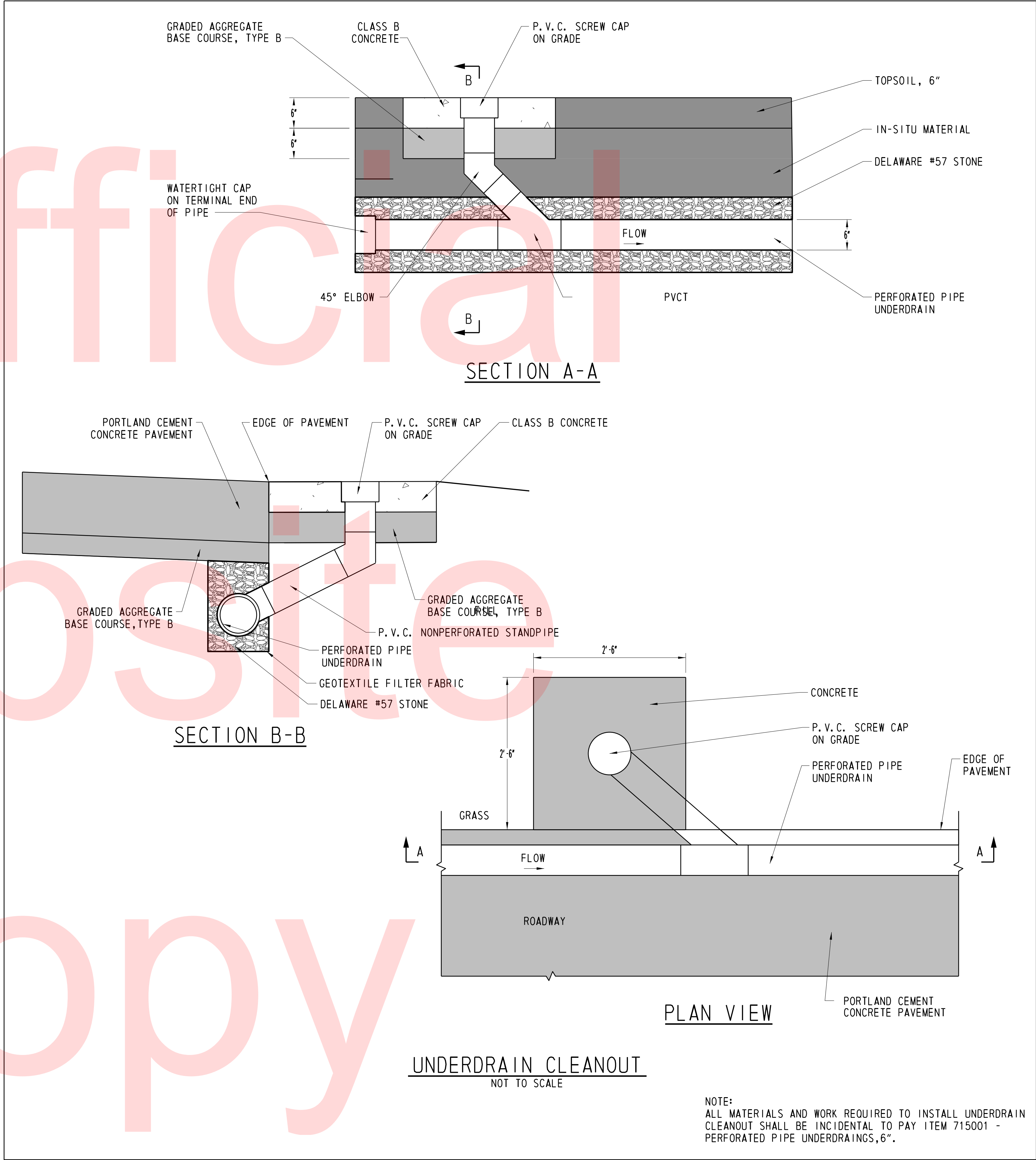
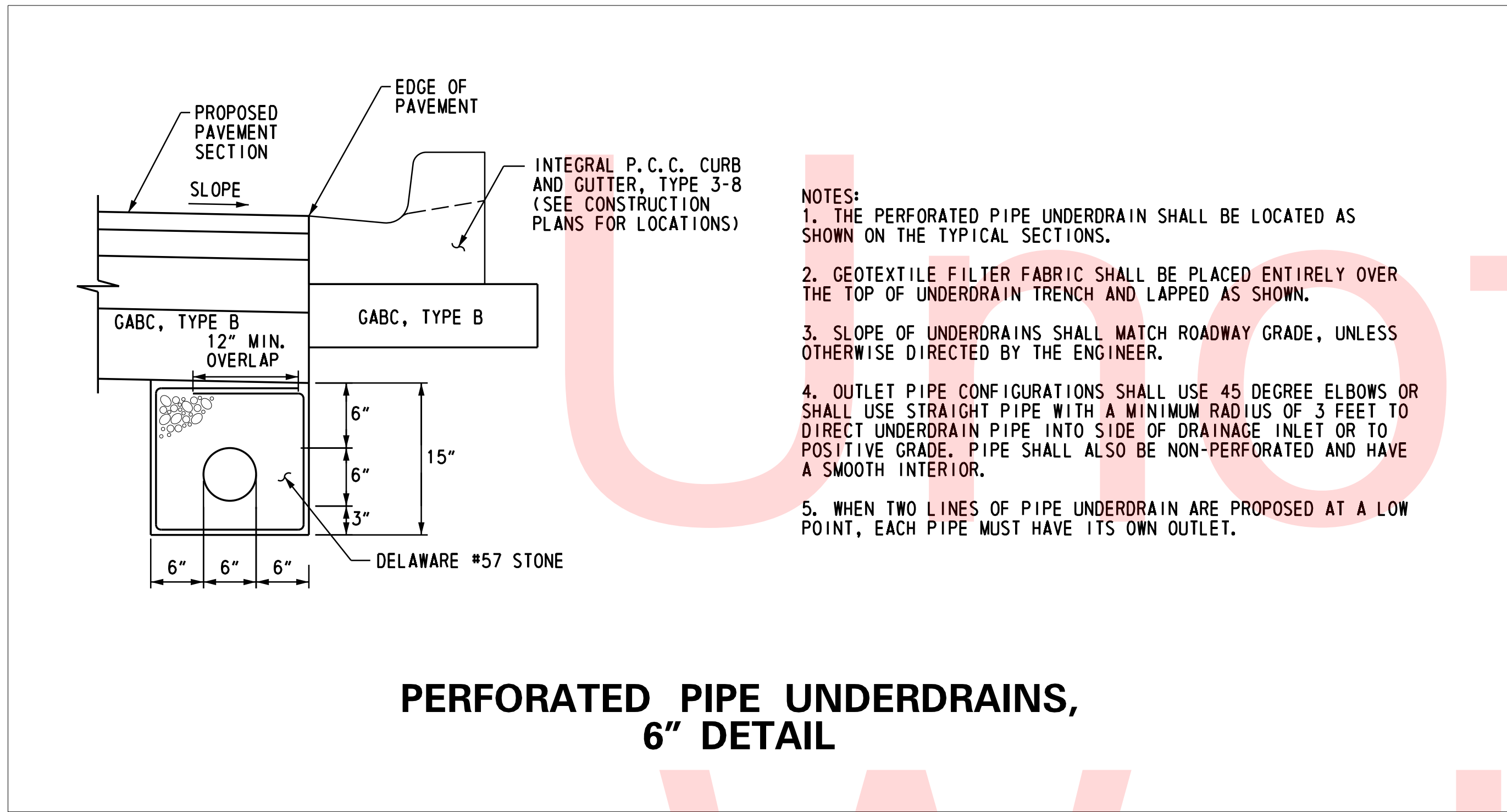
**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

CONTRACT	BRIDGE NO.
T200912002	
COUNTY	DESIGNED BY: WJD
NEW CASTLE	CHECKED BY: BPH

CONSTRUCTION DETAILS

SHEET NO.
48
TOTAL SHTS.
123

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\DT02.DGN [SHEET: DT02]



ADDENDUMS / REVISIONS

NOT TO SCALE

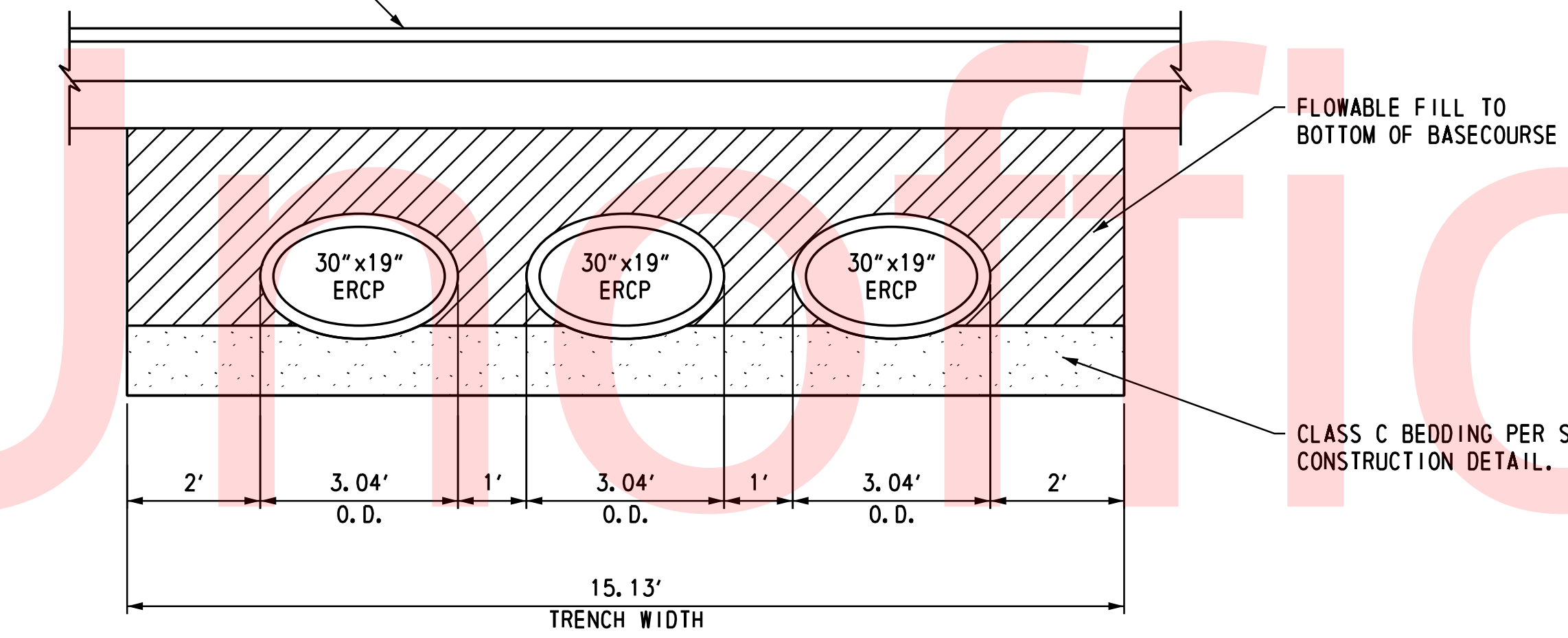
JAMISON CORNER ROAD, RELOCATED AT BOYDS CORNER ROAD

CONTRACT	BRIDGE NO.
T200912002	DESIGNED BY: WJD
COUNTY	CHECKED BY: BPH
NEW CASTLE	

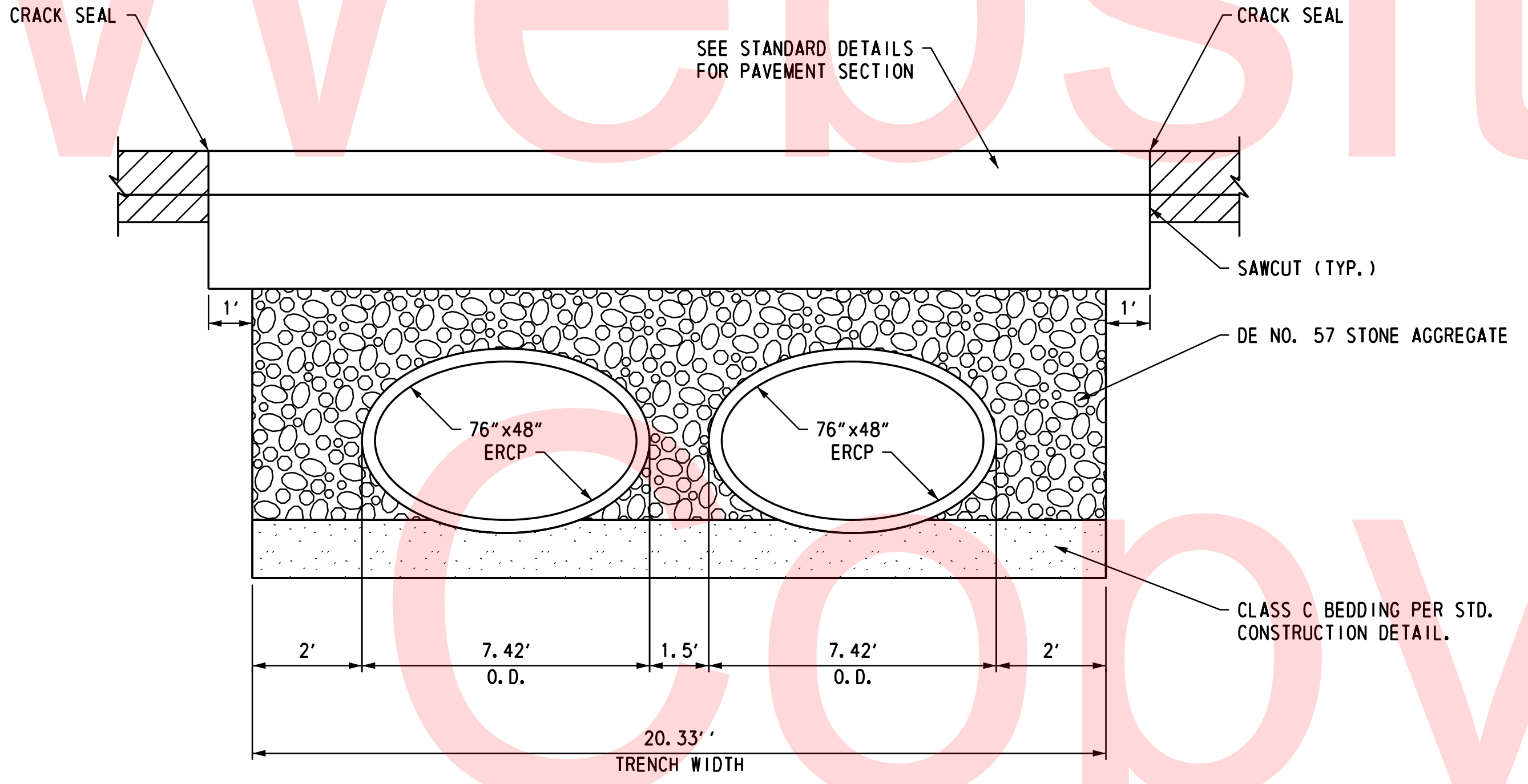
CONSTRUCTION DETAILS

SHEET NO.
49
TOTAL SHTS.
123

PROPOSED PAVEMENT
SEE TYPICAL SECTIONS



PIPE TRENCH
3- 30"x19" ERCP
STA. 4004 + 61, MCKIM STREET



PIPE TRENCH
2 - 76"x48" ERCP
STA. 1055 + 92, BOYDS CORNER ROAD

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\DT03.DGN [SHEET: DT03]

ADDENDUMS / REVISIONS

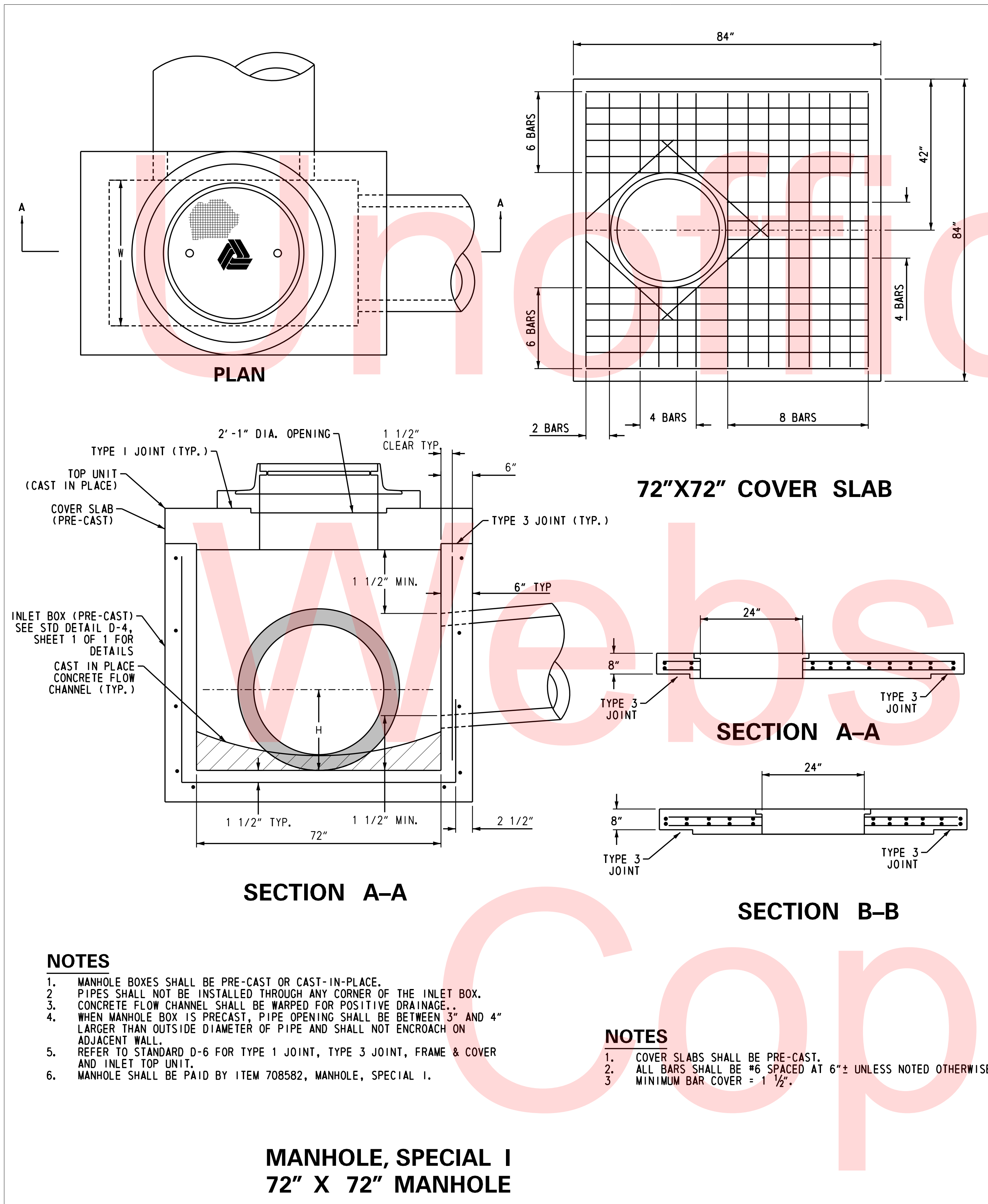
NOT TO SCALE

JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD

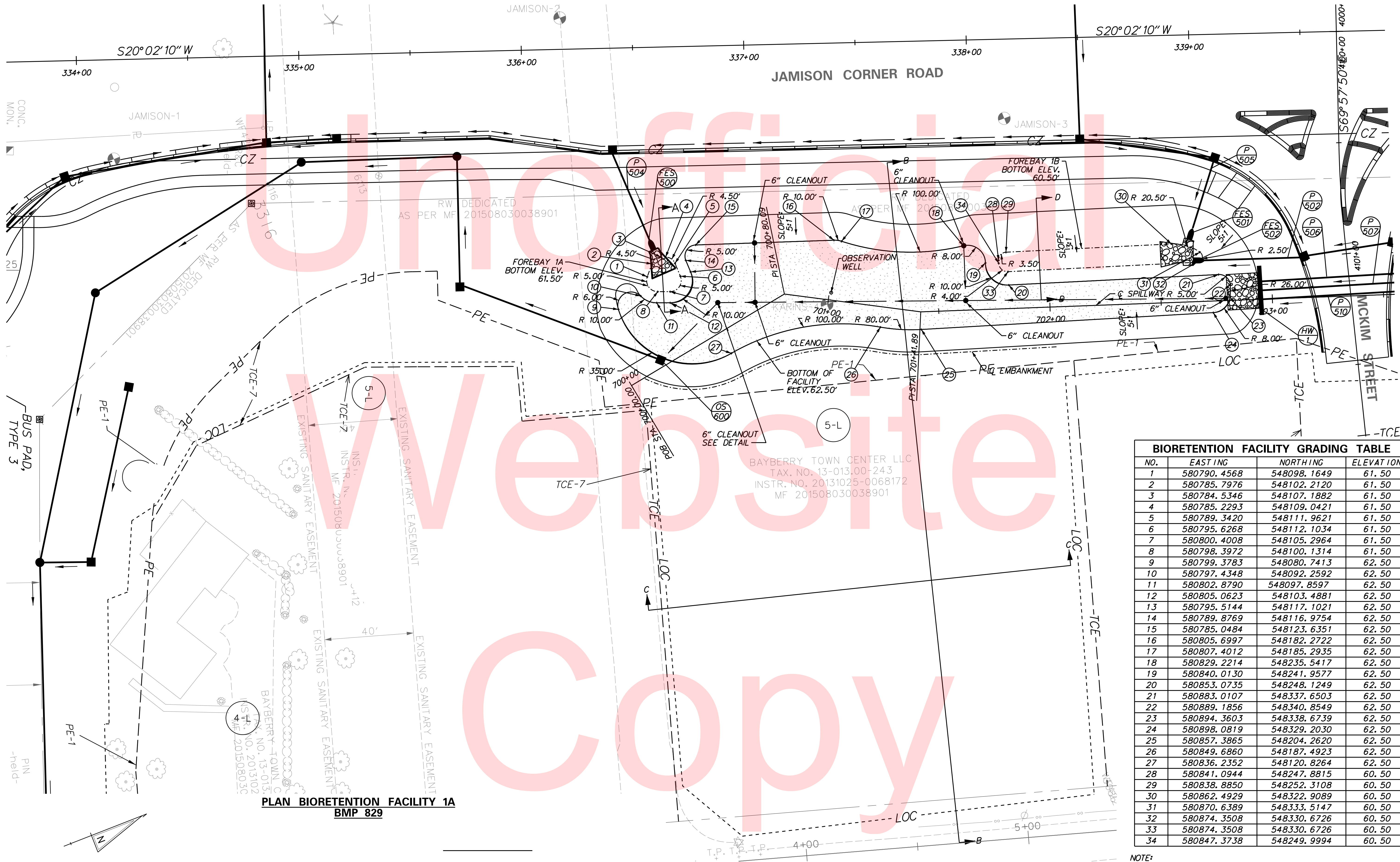
CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: WJD
	CHECKED BY: BPH

CONSTRUCTION DETAILS

SHEET NO. 50
TOTAL SHTS. 123



PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\DT04.DGN [SHEET: DT04]



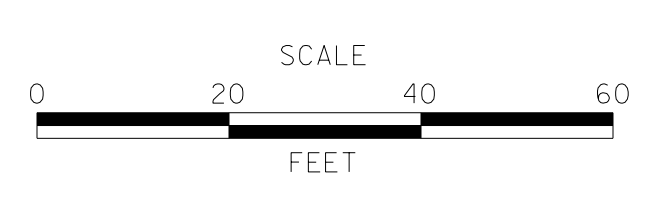
**PLAN BIORETENTION FACILITY 1A
BMP 829**

BIORETENTION FACILITY GRADING TABLE			
NO.	EASTING	NORTHING	ELEVATION
1	580790.4568	548098.1649	61.50
2	580785.7976	548102.2120	61.50
3	580784.5346	548107.1882	61.50
4	580785.2293	548109.0421	61.50
5	580789.3420	548111.9621	61.50
6	580795.6268	548112.1034	61.50
7	580800.4008	548105.2964	61.50
8	580798.3972	548100.1314	61.50
9	580799.3783	548080.7413	62.50
10	580797.4348	548092.2592	62.50
11	580802.8790	548097.8597	62.50
12	580805.0623	548103.4881	62.50
13	580795.5144	548117.1021	62.50
14	580789.8769	548116.9754	62.50
15	580785.0484	548123.6351	62.50
16	580805.6997	548182.2722	62.50
17	580807.4012	548185.2935	62.50
18	580829.2214	548235.5417	62.50
19	580840.0130	548241.9577	62.50
20	580853.0735	548248.1249	62.50
21	580883.0107	548337.6503	62.50
22	580889.1856	548340.8549	62.50
23	580894.3603	548338.6739	62.50
24	580898.0819	548329.2030	62.50
25	580857.3865	548204.2620	62.50
26	580849.6860	548187.4923	62.50
27	580836.2352	548120.8264	62.50
28	580841.0944	548247.8815	60.50
29	580838.8850	548252.3108	60.50
30	580862.4929	548322.9089	60.50
31	580870.6389	548333.5147	60.50
32	580874.3508	548330.6726	60.50
33	580874.3508	548330.6726	60.50
34	580847.3738	548249.9994	60.50

NOTE:
1. GRADING POINTS ARE DENOTED BY NUMBER ENCLOSED IN CIRCLE.

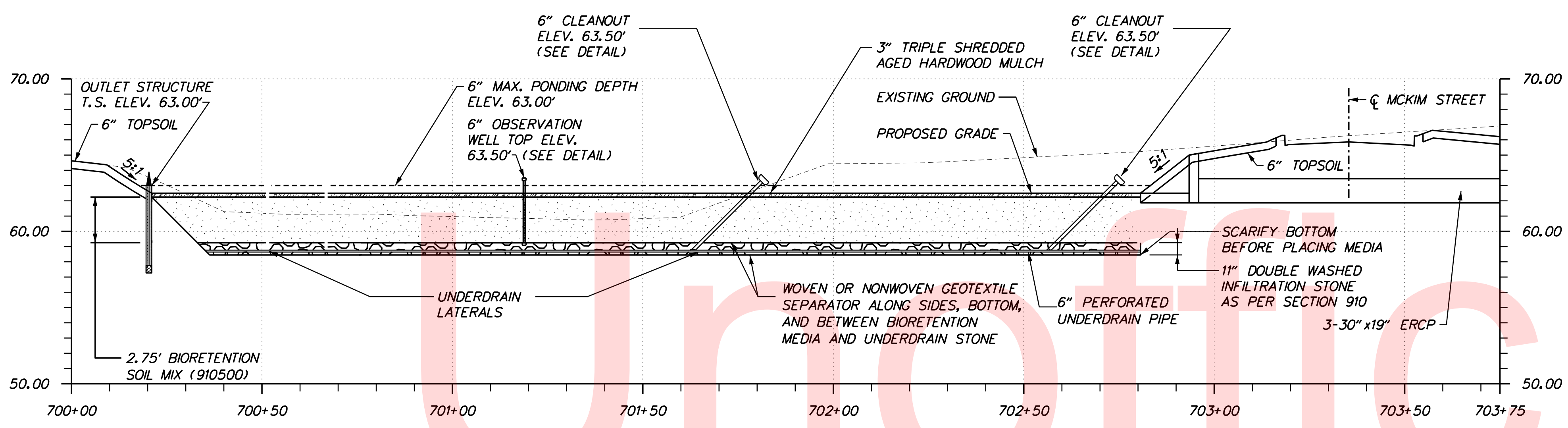
PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDCORNERROAD\CADD\CADD_JCR\SW01.DGN SHEET: SW01

ADDENDUMS / REVISIONS

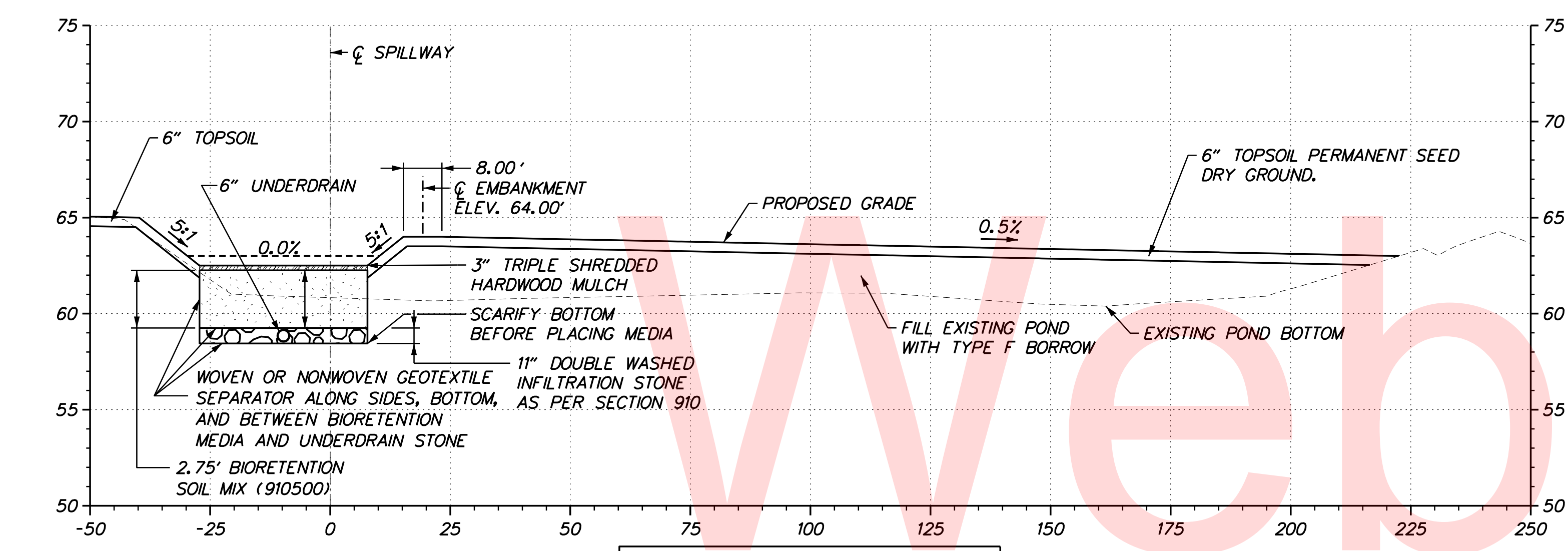
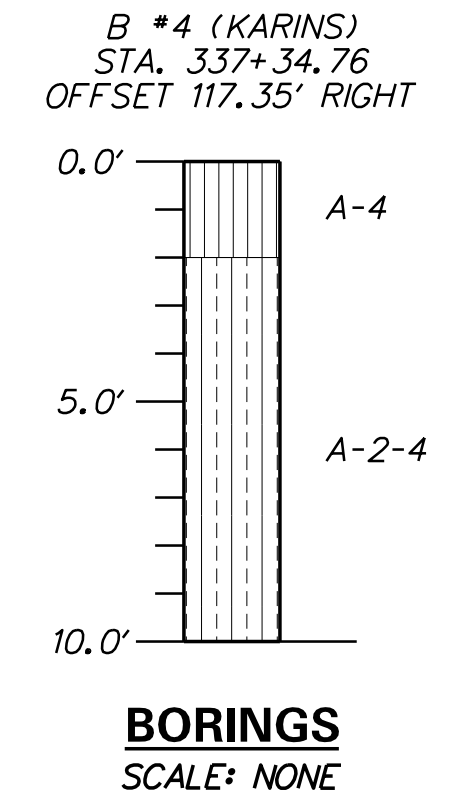


CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: SLD
	CHECKED BY: BPH

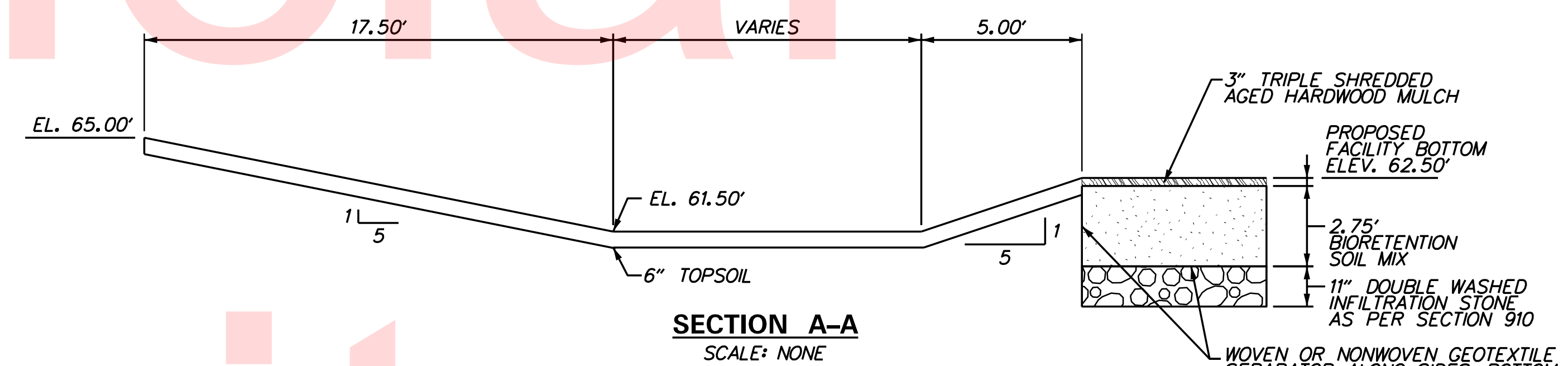
NOTE:
 BIORETENTION FACILITY 1A BMP 29 PLAN VIEW
 SEE SHEET NO 55.



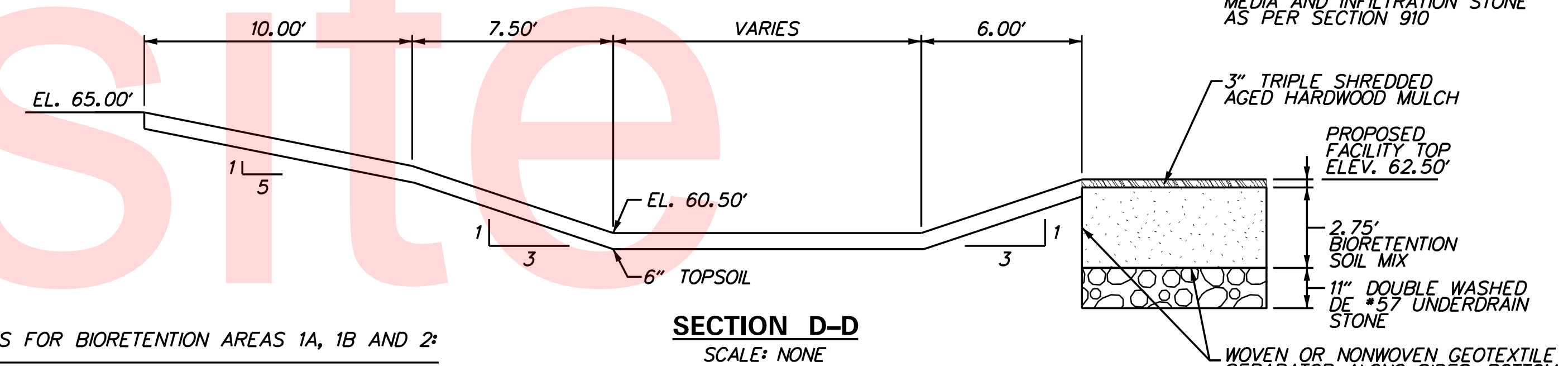
BIORETENTION FACILITY 1A BMP 829 PROFILE



CROSS SECTION B - B



SECTION A-A
SCALE: NONE



SECTION D-D
SCALE: NONE

SEQUENCE OF CONSTRUCTION AND NOTES FOR BIORETENTION AREAS 1A, 1B AND 2:
 IF THE BIORETENTION AREA IS NEEDED AS A SEDIMENT TRAP DURING ROADWAY CONSTRUCTION, PAYMENT SHALL BE INCIDENTAL TO THE BIORETENTION ITEMS.

1. INSTALL PERIMETER CONTROLS, CLEAR AND GRUB AREA FOR BIORETENTION AREA CONSTRUCTION.
2. EXCAVATE AS NEEDED TO INSTALL BIORETENTION OUTLET STRUCTURE. TEMPORARILY PLUG LOW FLOW UNDERDRAIN ORIFICE AND INSTALL INLET PROTECTION.
3. EXCAVATE REMAINING BIORETENTION AREA TO 1' BELOW THE TOP ELEVATION OF THE OUTLET STRUCTURE AND APPLY TEMPORARY SEED AND MULCH AS APPROPRIATE.
4. CONTRACTOR SHALL CLEARLY MARK THE CLEAN OUT ELEVATION ON A STAKE DRIVEN INTO THE GROUND AT A LOCATION CLEARLY VISIBLE FROM THE EMBANKMENT. SEDIMENT SHALL BE REMOVED WHEN IT REACHES AN ELEVATION OF 6" BELOW THE TOP OF THE OUTLET STRUCTURE.

CONSTRUCTION OF PERMANENT BIORETENTION AREA (1A, 1B, AND 2)

BEFORE CONSTRUCTION OF THE BIORETENTION AREA, ALL AREAS DRAINING TO THE BIORETENTION FACILITY MUST BE AT FINAL GRADE AND STABILIZED OR DIVERTED. ABSOLUTELY NO HEAVY EQUIPMENT SHALL BE IN THE ACTUAL BIOSOIL AREA FOOTPRINT ONCE THE CONVERSION PROCESS HAS STARTED. ALL EXCAVATION SHALL BE DONE FROM THE SIDE.

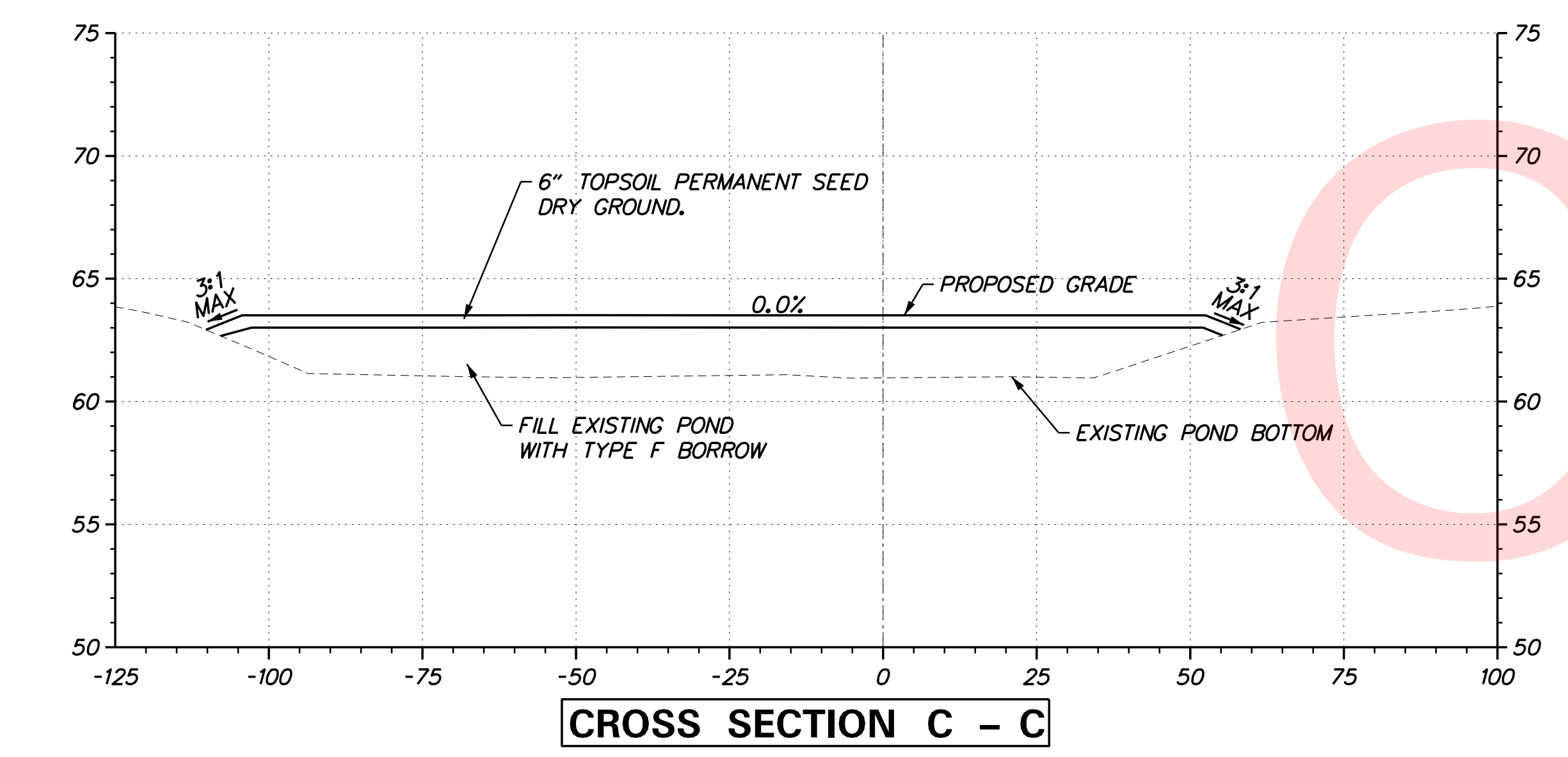
1. INFLOW AREAS AROUND THE PERIMETER OF THE BIORETENTION AREA, INCLUDING THE SIDE SLOPES WILL REQUIRE SILT FENCE OR 18" COMPOST FILTER LOGS AROUND THE EDGE TO INTERCEPT RUNOFF PRIOR TO ENTERING THE FACILITY. THESE ITEMS SHALL REMAIN UNTIL THE SURROUNDING VEGETATION IS ESTABLISHED.
2. CONSTRUCT FOREBAY TO LINES, GRADES AND DETAILS AS SHOWN ON THE STORMWATER PLANS AND STABILIZE IMMEDIATELY AFTER CONSTRUCTION. DE-WATER WORK AREA AS NEEDED IN ACCORDANCE WITH SECTION 900 OF THE SPECIFICATIONS.
3. EXCAVATE THE BIOSOIL AREA TO THE DIMENSIONS AS SHOWN ON THE PLANS AND SCARIFY THE BOTTOM.

CONSTRUCTION OF PERMANENT BIORETENTION AREA (CONT.)

4. INSTALL GEOTEXTILE ON ALL BIOSOIL AREA SIDES MAKING SURE TO HAVE ENOUGH EXTRA TO COVER AN ADDITIONAL 5' OF THE TOP OF THE BIOSOIL FOOT PRINT. GEOTEXTILE SHALL NOT BE PLACED ON THE BOTTOM OF THE BIOSOIL AREA.
5. INSTALL 2" NO. 57 INFILTRATION STONE, UNDERDRAIN, REMAINING NO. 57 INFILTRATION STONE, ENSURING 3" IS ABOVE THE UNDERDRAIN, AND OBSERVATION WELL. GEOTEXTILE SHALL BE PLACED ABOVE THE TOP NO. 57 INFILTRATION STONE LAYER AND SECURED BEFORE ADDING BIOSOIL MIX.
6. BACKFILL BIOSOIL MIX AND MULCH TO THE LINES AND GRADES AS SHOWN ON THE PLANS. SECURE THE ADDITIONAL 5' OF GEOTEXTILE TO THE TOP OF THE BIOSOIL AREA.
7. E&S DEVICES ALONG WITH THE EXCESS GEOTEXTILE MATERIAL SHALL BE REMOVED AFTER FINAL VEGETATIVE STABILIZATION OF ALL DISTURBED AREAS AND WITH CONCURRENCE FROM DELDOT'S STORMWATER ENGINEER.

BIORETENTION AREA 1A NOTES:

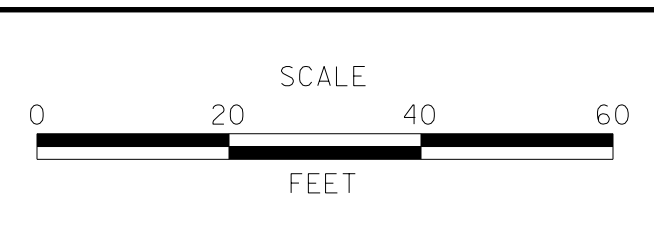
1. THE CONTRACTOR SHALL FILL EXISTING POND, AS SHOWN ON CROSS SECTIONS B-B AND C-C.
2. THE CONTRACTOR SHALL INSPECT THE BIORETENTION AREA IMMEDIATELY AFTER EVERY RAIN EVENT AND MAKE REPAIRS AS NECESSARY.
3. ENTIRE DISTURBED AREA EXCEPT THE AREA COVERED WITH BIORETENTION SOIL MIX SHALL RECEIVE 6" TOPSOIL (908010) AND PERMANENT SEED, DRY GROUND (908014).



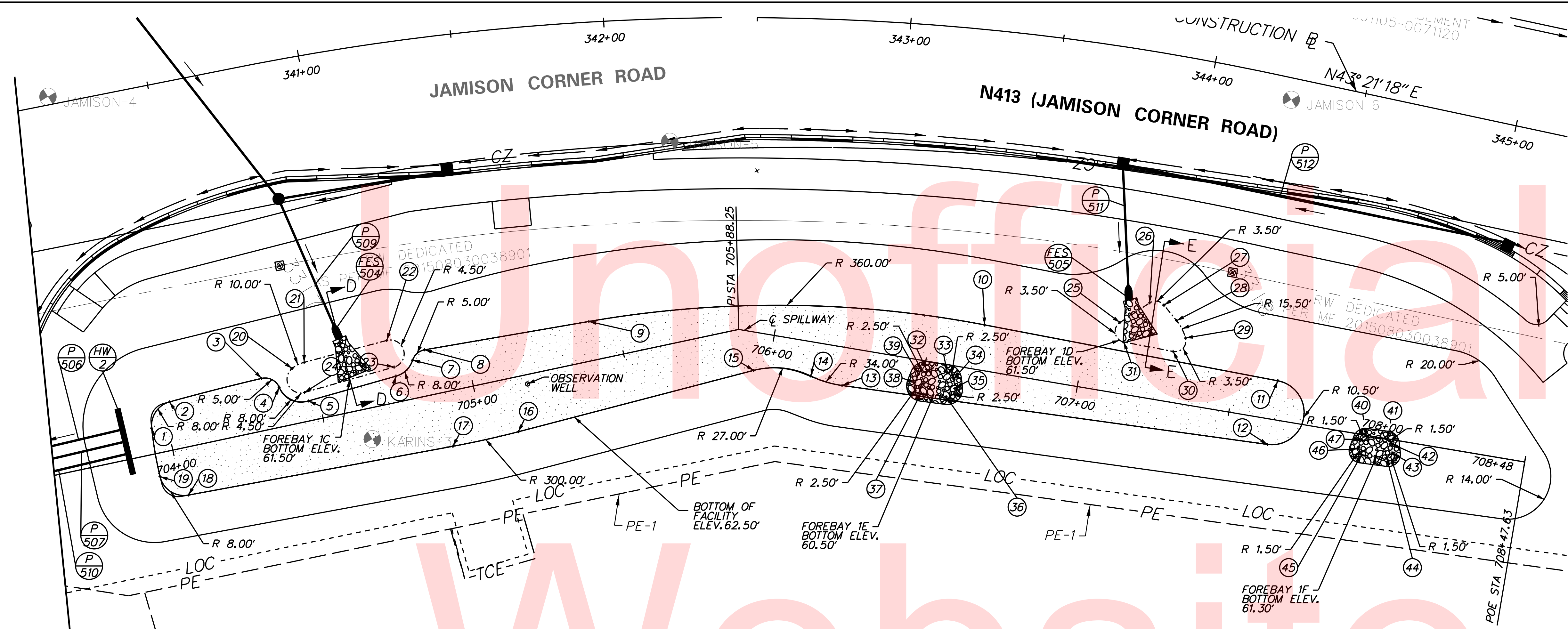
CROSS SECTION C - C

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\SW02.DGN [SHEET: SW02]

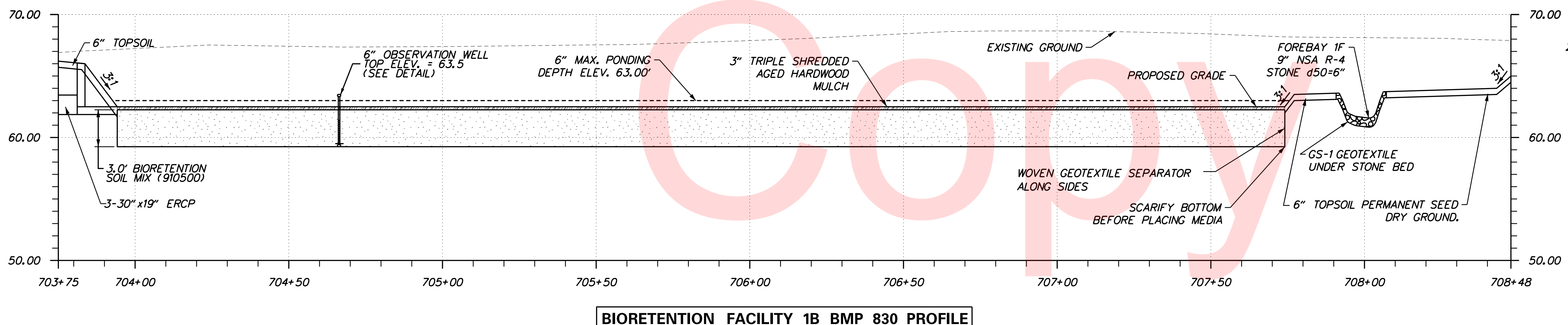
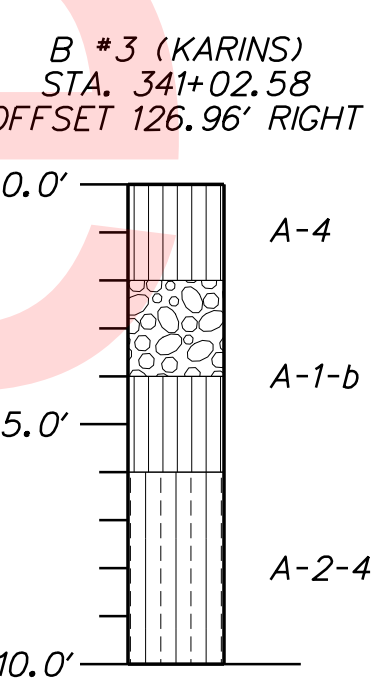
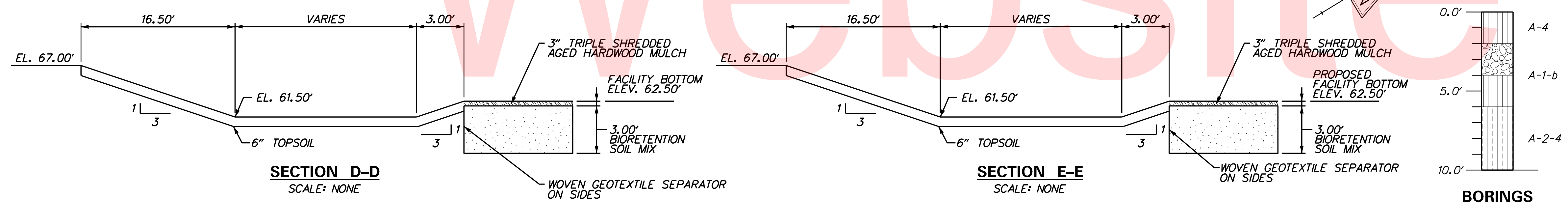
ADDENDUMS / REVISIONS



CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: SLD CHECKED BY: BPH



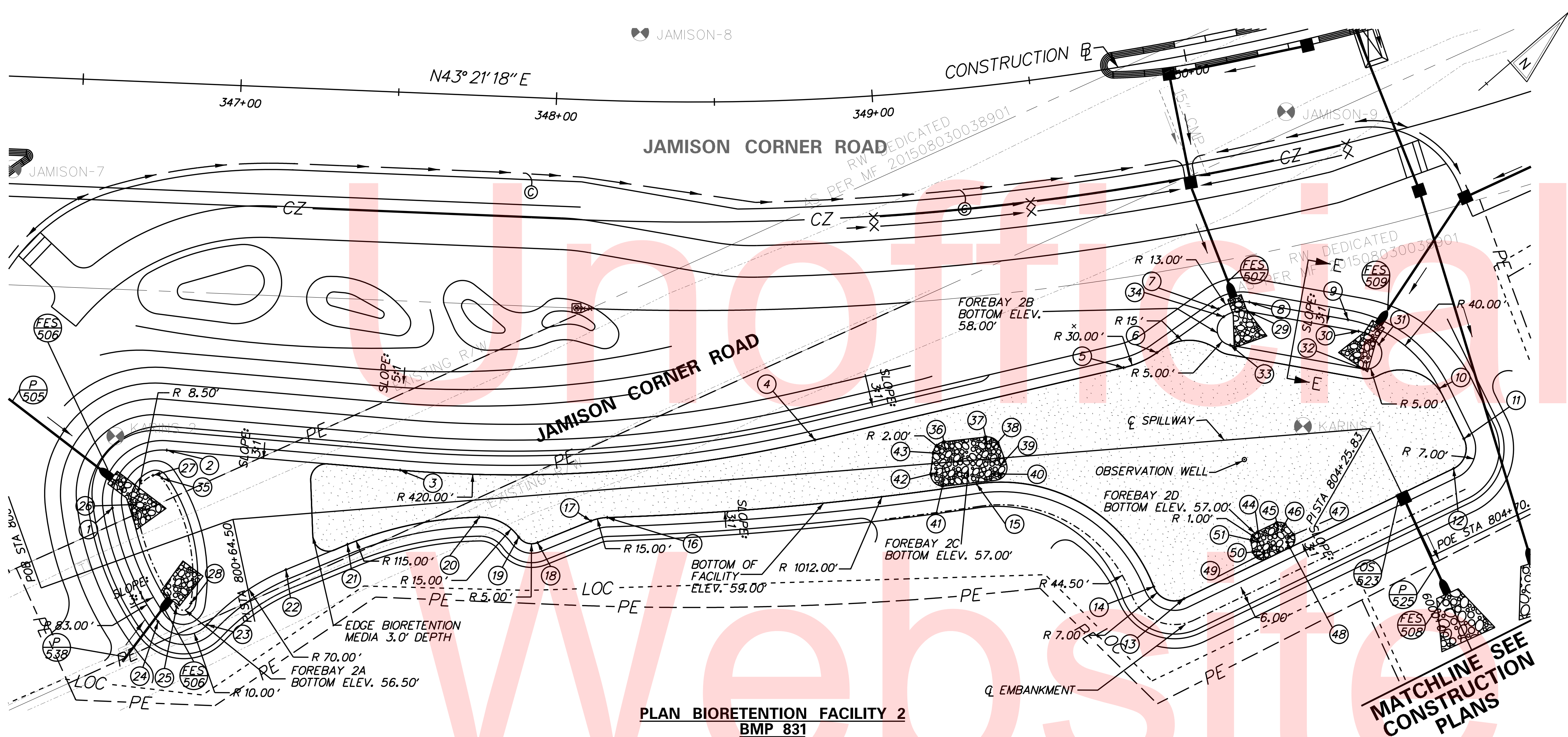
BIORETENTION FACILITY GRADING TABLE			
NO.	EASTING	NORTHING	ELEVATION
1	580925.2698	548448.4207	62.50
2	580920.9878	548457.8277	62.50
3	580930.0149	548487.4032	62.50
4	580935.4249	548490.7993	62.50
5	580944.1907	548496.5961	62.50
6	580952.0849	548525.1278	62.50
7	580950.4535	548532.4618	62.50
8	580949.6000	548537.5428	62.50
9	580969.4592	548588.0179	62.50
10	581037.2745	548697.4812	62.50
11	581102.3771	548769.5778	62.50
12	581118.3098	548755.9079	62.50
13	581030.0461	548647.5946	62.50
14	581022.1310	548640.5088	62.50
15	581010.9099	548625.5682	62.50
16	580988.2225	548549.7743	62.50
17	580981.2187	548529.1365	62.50
18	580950.0962	548447.3234	62.50
19	580940.1862	548442.5466	62.50
20	580932.3877	548497.5437	61.50
21	580932.7484	548501.9238	61.50
22	580940.5993	548528.6141	61.50
23	580949.2534	548526.1443	61.50
24	580941.1811	548496.9690	61.50
25	581059.4853	548735.5214	61.50
26	581059.0586	548747.1056	61.50
27	581062.0829	548750.7023	61.50
28	581068.5218	548751.5812	61.50
29	581074.8813	548751.1258	61.50
30	581076.5163	548745.4151	61.50
31	581065.5806	548733.3045	61.50
32	581039.8422	548673.8144	60.50
33	581044.0941	548679.0767	60.50
34	581047.0904	548679.7734	60.50
35	581049.8932	548678.4736	60.50
36	581050.7860	548674.6344	60.50
37	581045.5908	548668.2047	60.50
38	581041.6498	548668.2712	60.50
39	581039.7903	548670.7385	60.50
40	581132.8997	548784.7333	61.30
41	581137.1547	548789.9931	61.30
42	581139.2460	548790.3037	61.30
43	581141.7548	548789.1086	61.30
44	581142.2891	548786.8048	61.30
45	581137.0901	548780.3781	61.30
46	581134.7255	548780.4194	61.30
47	581132.8675	548782.8878	61.30



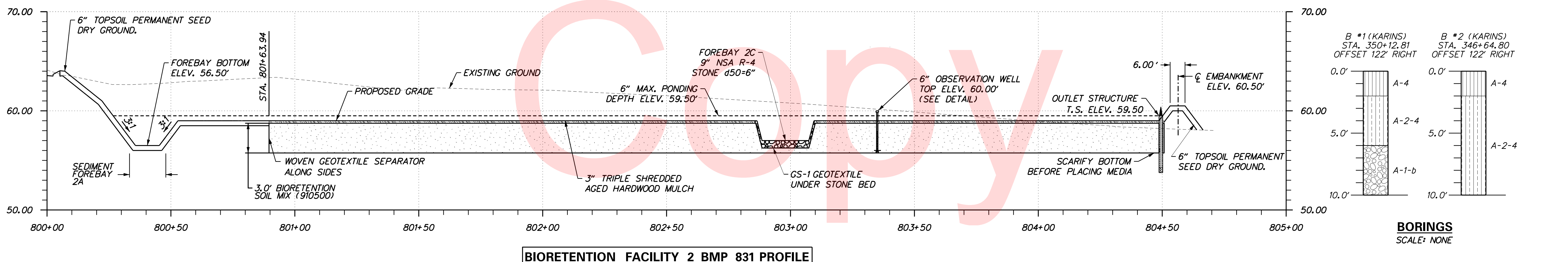
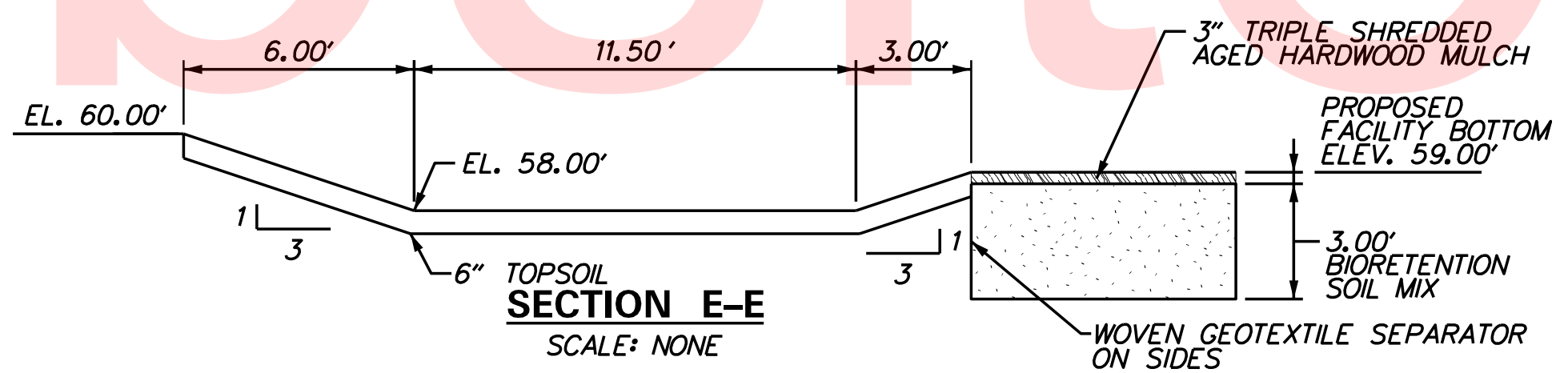
NOTE:
1. GRADING POINTS ARE DENOTED BY NUMBER ENCLOSED IN CIRCLE.

BIORETENTION AREA 1B NOTES:
1. INSPECT THE BIORETENTION AREA IMMEDIATELY AFTER EVERY RAIN AND MAKE REPAIRS AS NECESSARY. THIS WORK SHALL BE INCIDENTAL TO DIVISION 900 - EROSION, SEDIMENT AND STORMWATER MEASURES.
2. ENTIRE DISTURBED AREA EXCEPT THE AREA COVERED WITH BIORETENTION SOIL MIX SHALL RECEIVE 6" TOPSOIL (908010) AND PERMANENT SEED, DRY GROUND (908014).

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDCORNERROAD\CADD\CADD_JCR\SW03.DGN [SHEET: SW03]

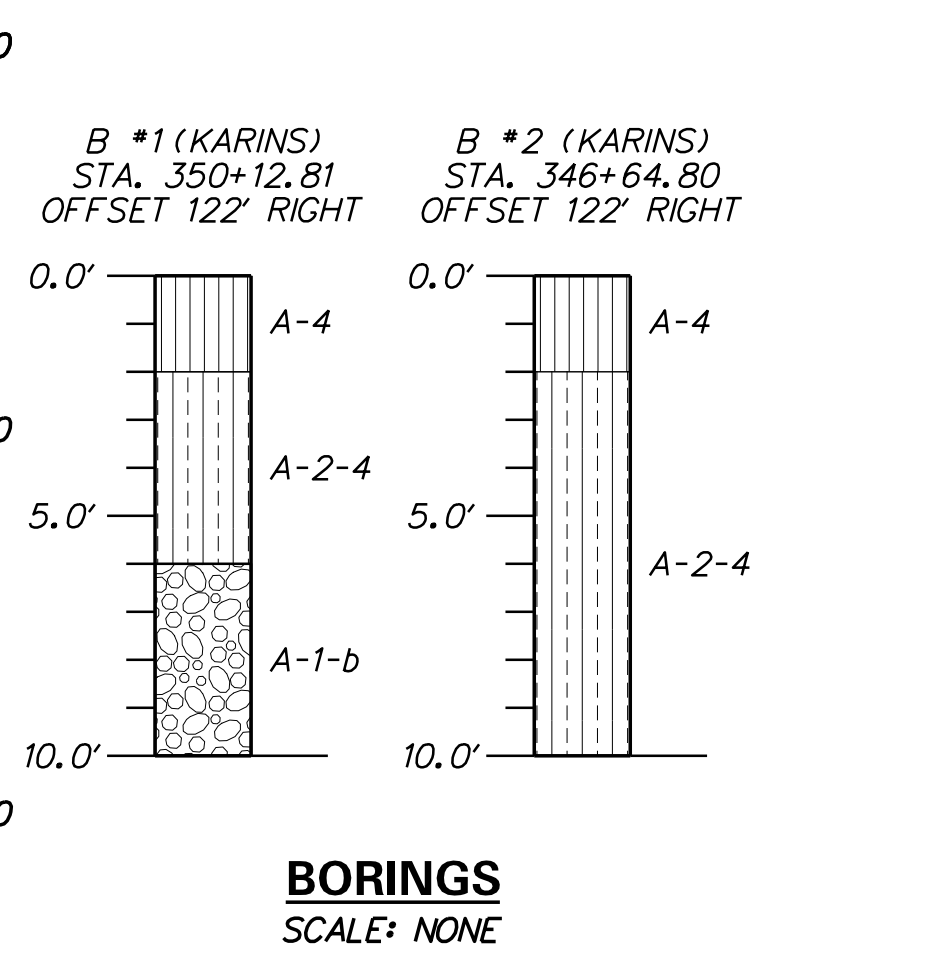


- BIORETENTION AREA 2 NOTES:**
1. THE CONTRACTOR SHALL INSPECT THE BIORETENTION AREA IMMEDIATELY AFTER EVERY RAIN AND MAKE REPAIRS AS NECESSARY. THIS WORK SHALL BE INCIDENTAL TO DIVISION 900 - EROSION, SEDIMENT AND STORMWATER MEASURES.
 2. ENTIRE DISTURBED AREA EXCEPT THE AREA COVERED WITH BIORETENTION SOIL MIX SHALL RECEIVE 6" TOPSOIL (908010) AND PERMANENT SEED, DRY GROUND (908014).

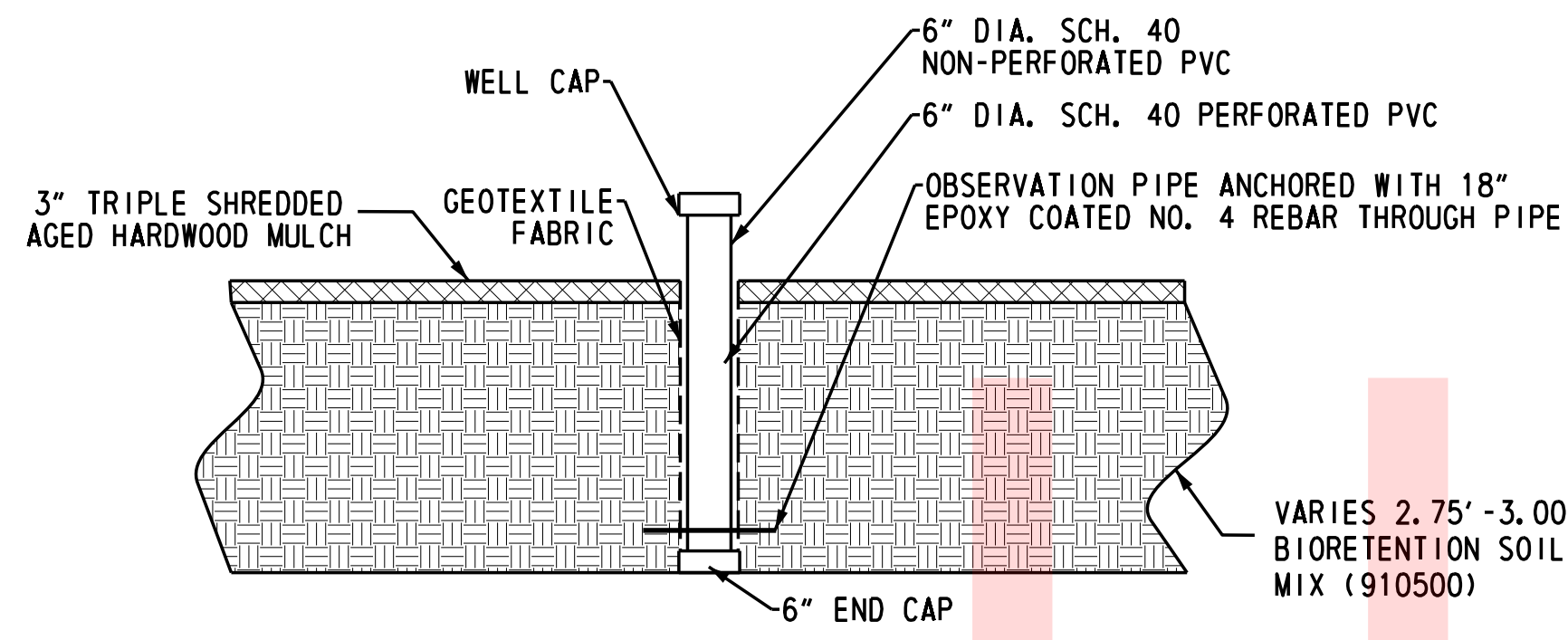


BIORETENTION FACILITY GRADING TABLE			
NO.	EASTING	NORTHING	ELEVATION
1	581283.1706	548905.9461	59.00
2	581280.6616	548930.9040	59.00
3	581333.9012	548982.5419	59.00
4	581412.9074	549087.9502	59.00
5	581459.7823	549176.7436	59.00
6	581463.1099	549187.8307	59.00
7	581465.4272	549211.5383	59.00
8	581470.2118	549220.3988	59.00
9	581494.9388	549240.3114	59.00
10	581530.2784	549247.8214	59.00
11	581547.4620	549243.2654	59.00
12	581552.4216	549234.6583	59.00
13	581527.4912	549143.1973	59.00
14	581518.3361	549138.4630	59.00
15	581457.0004	549117.4224	59.00
16	581388.2711	549022.1976	59.00
17	581385.7015	549017.5849	59.00
18	581379.7844	549000.3444	59.00
19	581374.5718	548996.9936	59.00
20	581361.6359	548991.7152	59.00
21	581340.7169	548954.5195	59.00
22	581333.9771	548934.5625	59.00
23	581330.7395	548904.3081	59.00
24	581319.8247	548893.2336	59.00
25	581320.1216	548900.7418	56.50
26	581287.2162	548912.2614	56.50
27	581283.8250	548922.3567	56.50
28	581322.2954	548904.8356	56.50
29	581472.0934	549218.0622	58.00
30	581499.8565	549240.4198	58.00
31	581507.3002	549242.5624	58.00
32	581509.8505	549233.7026	58.00
33	581476.5253	549206.8658	58.00
34	581468.4129	549211.2465	58.00
35	581286.4411	548923.9779	56.50
36	581441.8314	549117.3797	57.00
37	581449.3898	549128.3442	57.00
38	581451.7376	549129.0821	57.00
39	581457.5114	549126.9209	57.00
40	581458.4569	549123.9127	57.00
41	581449.1987	549110.4823	57.00
42	581446.0509	549110.2958	57.00
43	581441.9770	549114.9230	57.00
44	581528.5584	549173.7030	57.00
45	581530.3154	549180.1256	57.00
46	581531.3016	549180.8615	57.00
47	581534.3834	549180.7947	57.00
48	581535.3263	549179.5311	57.00
49	581533.1742	549171.6640	57.00
50	581531.7193	549171.0563	57.00
51	581529.0327	549172.5676	57.00

NOTE:
1. GRADING POINTS ARE DENOTED BY NUMBER ENCLOSED IN CIRCLE.



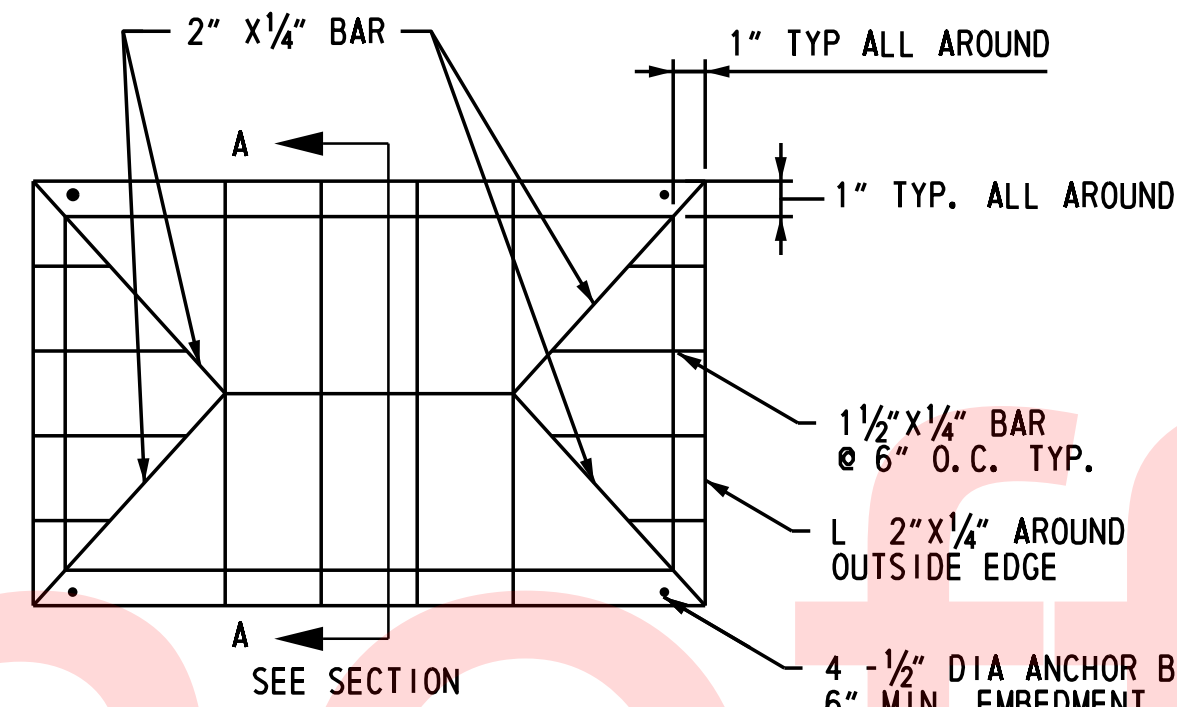
PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDCORNERROAD\CADD\JCR\SW04.DGN [SHEET: SW04]



OBSERVATION WELL DETAIL

N. T. S.

NOTE:
1. ALL MATERIAL AND WORK REQUIRED TO INSTALL OBSERVATION WELL SHALL BE INCIDENTAL TO PAY ITEM 910500 - BIORETENTION SOIL, MIX 1.

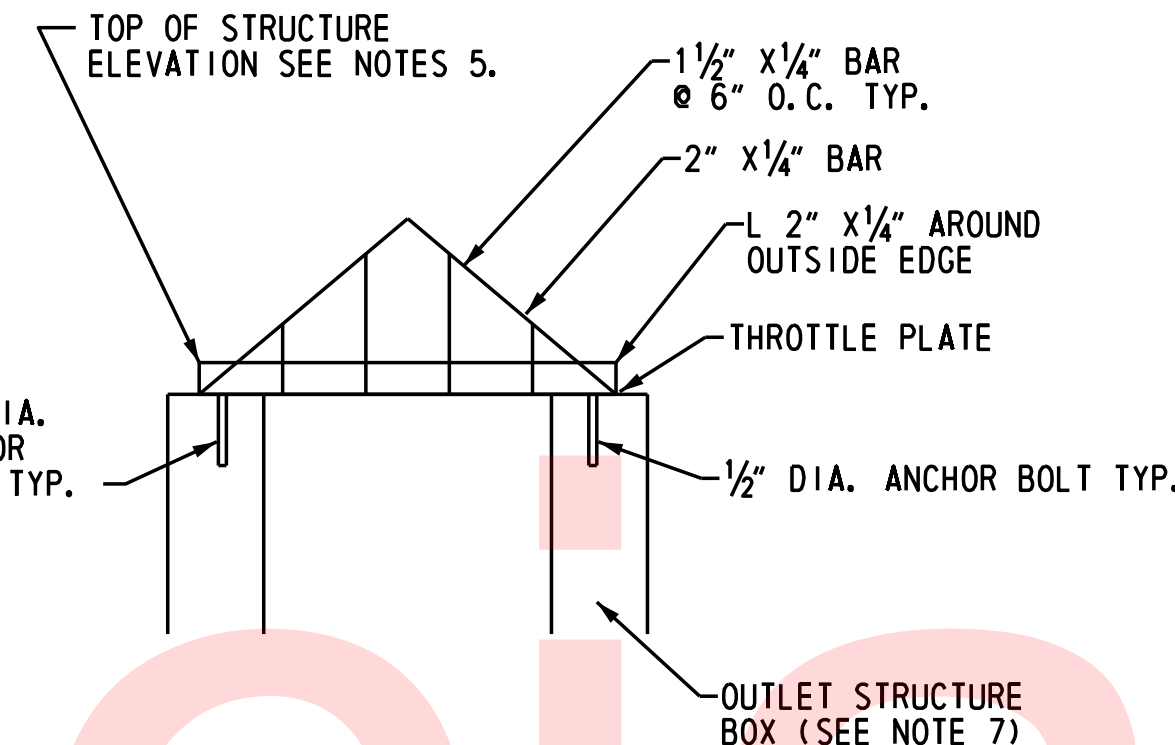


PLAN

N. T. S.

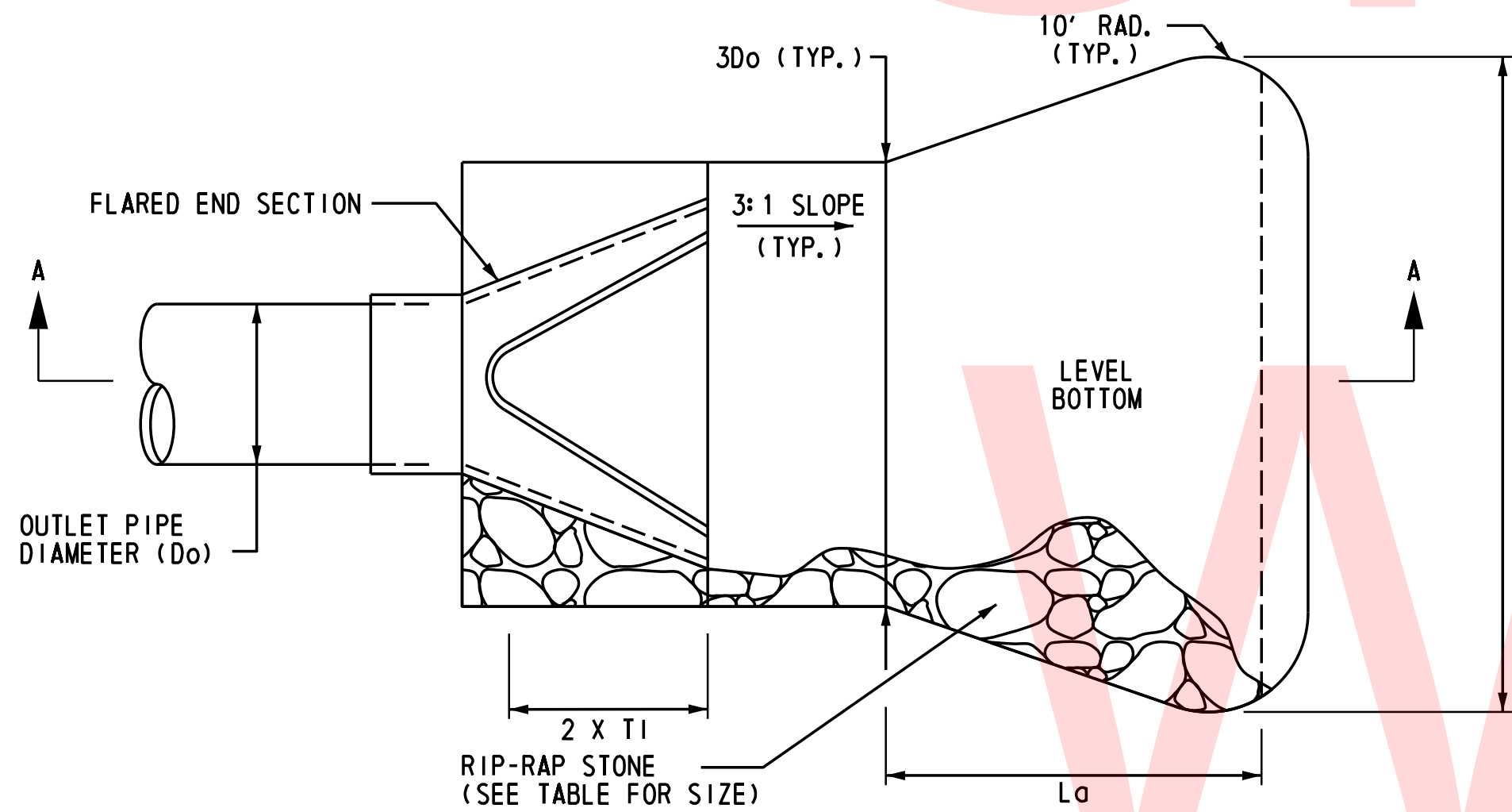
TRASH RACK DETAIL

N. T. S.

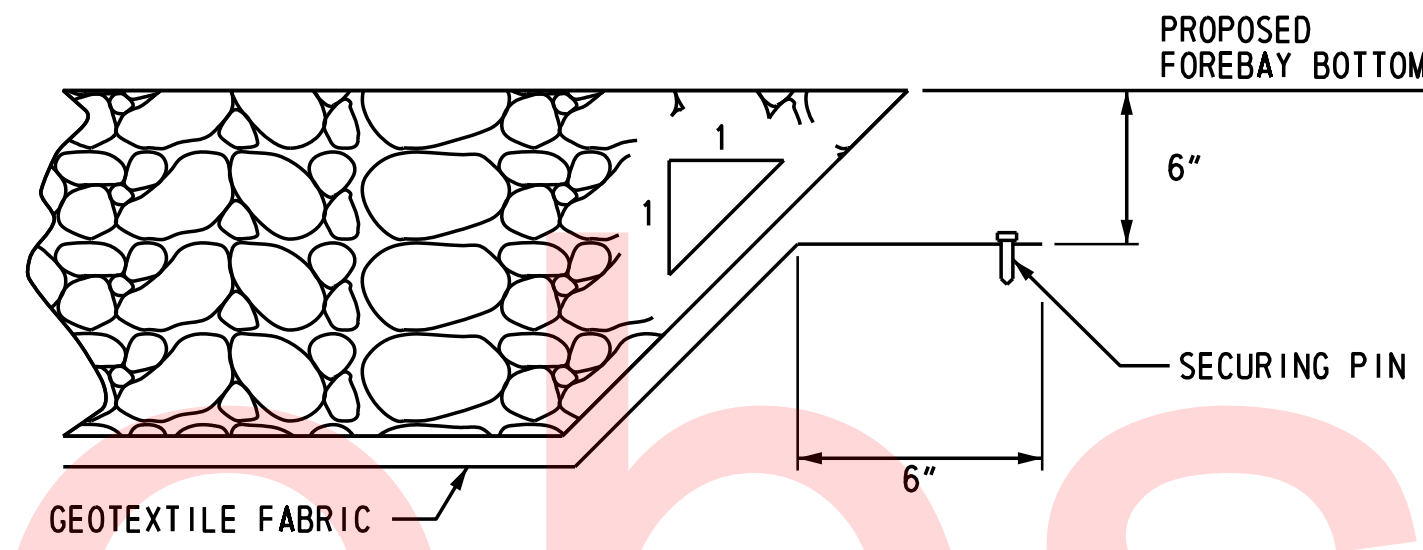


SECTION A-A

- TRASH RACK NOTES:
1. TRASH RACK STEEL TO CONFORM TO ASTM A-36.
 2. ALL SURFACES TO BE COATED WITH ZRC COLD GALVANIZED COMPOUND AFTER WELDING.
 3. TRASH RACK TO BE FASTENED TO THE CONCRETE WITH 1/2" MASONARY ANCHORS. TRASH RACK TO BE REMOVABLE.
 4. REFER TO THE OUTLET STRUCTURE SCHEDULE ON THE CONSTRUCTION PLANS.
 5. TRASH RACK SHALL BE PAID FOR BY ITEM 910006.
 6. OUTLET STRUCTURE BOX SHALL BE CONSTRUCTED AS PER STANDARD CONSTRUCTION DETAIL D-4, SHEET 1 OF 4. OUTLET STRUCTURE SHALL BE PAID FOR BY ITEM 910006.



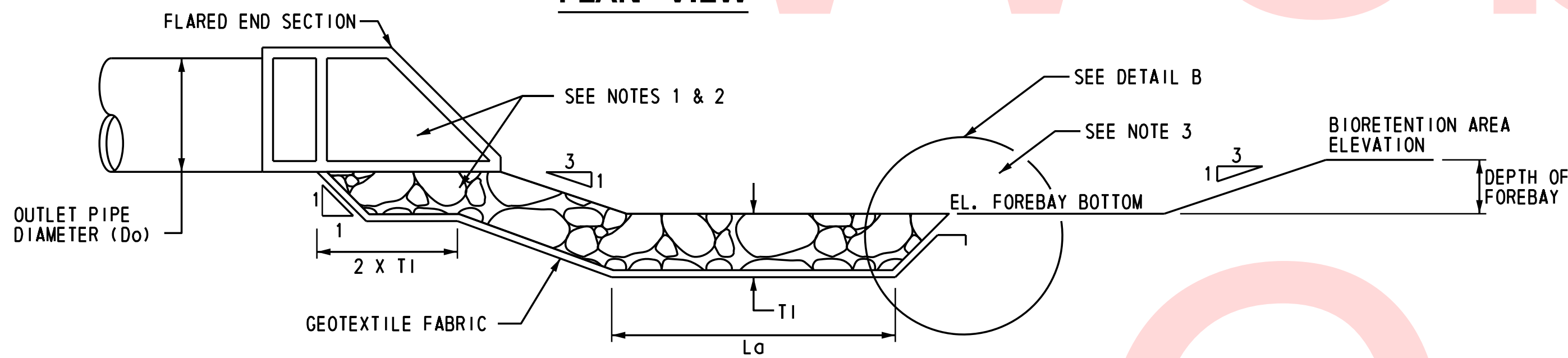
PLAN VIEW



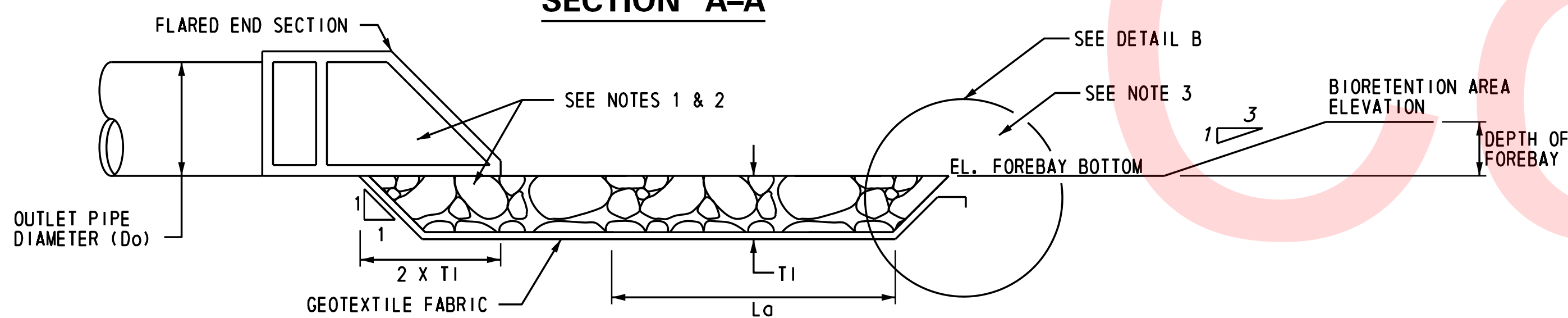
DETAIL B

RIPRAP ENERGY DISSIPATOR SCHEDULE							
FES/HW/FOREBAY No.	RIPRAP No.	DIAMETER PIPE (Do) (INCHES)	LENGTH (Lo) (FEET)	WIDTH (W) (FEET)	RIPRAP THICKNESS (TI) (INCHES)	SIZE (d50) (INCHES)	TYPE
103	103	36	14	9	14	6	R-4
500	500	18	10	11.5	14	6	R-4
501/502	501	30	10	11.5	14	6	R-4
HW-1	503	(3) 19X30	14	16	14	6	R-4
504	504	18	10	11.5	14	6	R-4
505	505	18	10	11.5	14	6	R-4
506	506	18	10	11.5	14	6	R-4
507	507	18	10	11.5	14	6	R-4
508	508	24	16	18.5	14	6	R-4
509	509	18	10	11.5	14	6	R-4
510	510	15	8	9.25	14	6	R-4
512	512	15	8	9.25	14	6	R-4
FOREBAY 1E	513	N/A	(SEE NOTE 4)	(SEE NOTE 4)	14	6	R-4
FOREBAY 1F	514	N/A	(SEE NOTE 4)	(SEE NOTE 4)	14	6	R-4
FOREBAY 2C	515	N/A	(SEE NOTE 4)	(SEE NOTE 4)	14	6	R-4
FOREBAY 2D	516	N/A	(SEE NOTE 4)	(SEE NOTE 4)	14	6	R-4
517	517	30	12	8	14	6	R-4
515	518	19 X 30	16	18.5	14	6	R-4
518	519	15	8	9.25	14	6	R-4
617	617	43 X 68	20	13.5	14	6	R-4
HW-3	701	(2) 48 X 76	34	58	14	6	R-4
544	544	15	10	11.5	14	6	R-4
546	546	18	10	11.5	14	6	R-4

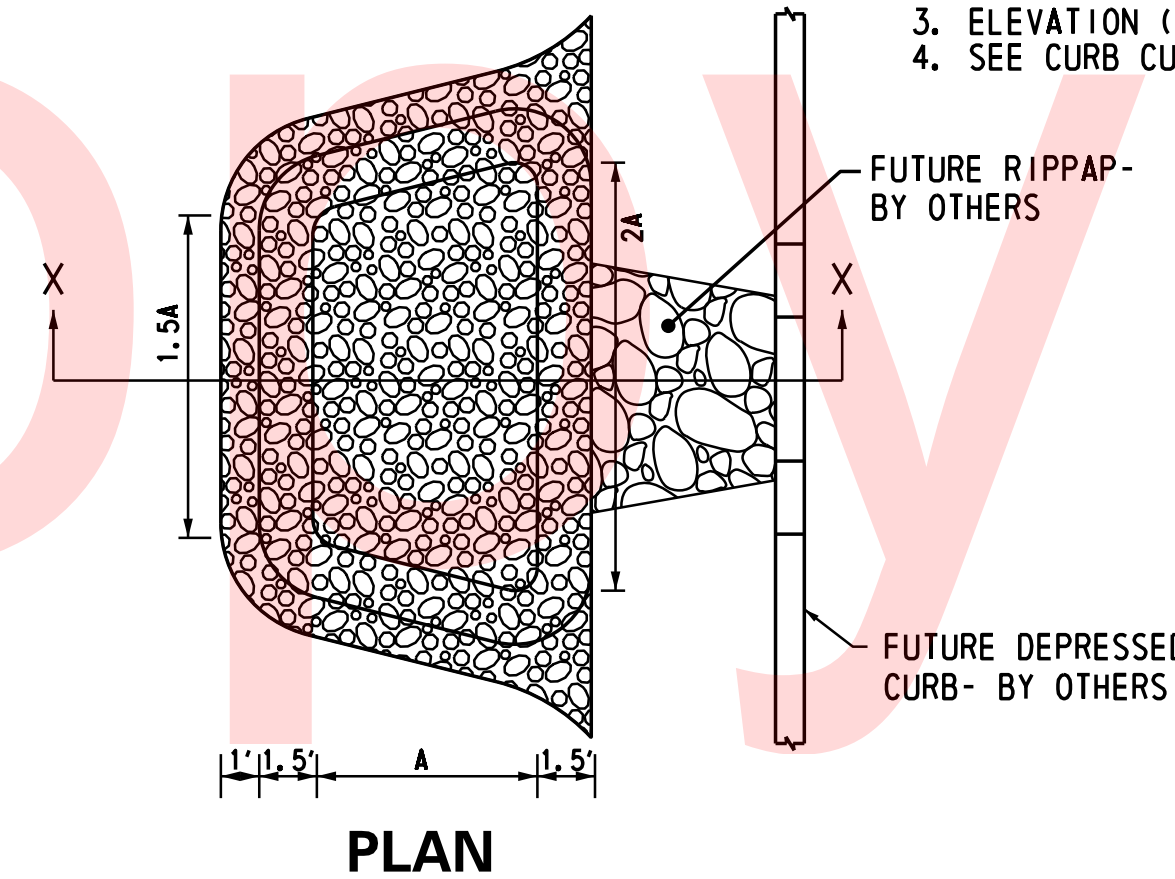
- NOTES:
1. RIPRAP IS TO BE PLACED PRIOR TO PLACING PIPE.
 2. PLACE DELAWARE NO. 3 STONE UNDER PIPE.
 3. ELEVATION (EL.) SHOULD NOT BE HIGHER THAN PIPE INVERT.
 4. SEE CURB CUT FOREBAY DETAIL FOR DIMENSIONS OF RIPRAP FOR FOREBAYS 1E, 1F, 2C, AND 2D.



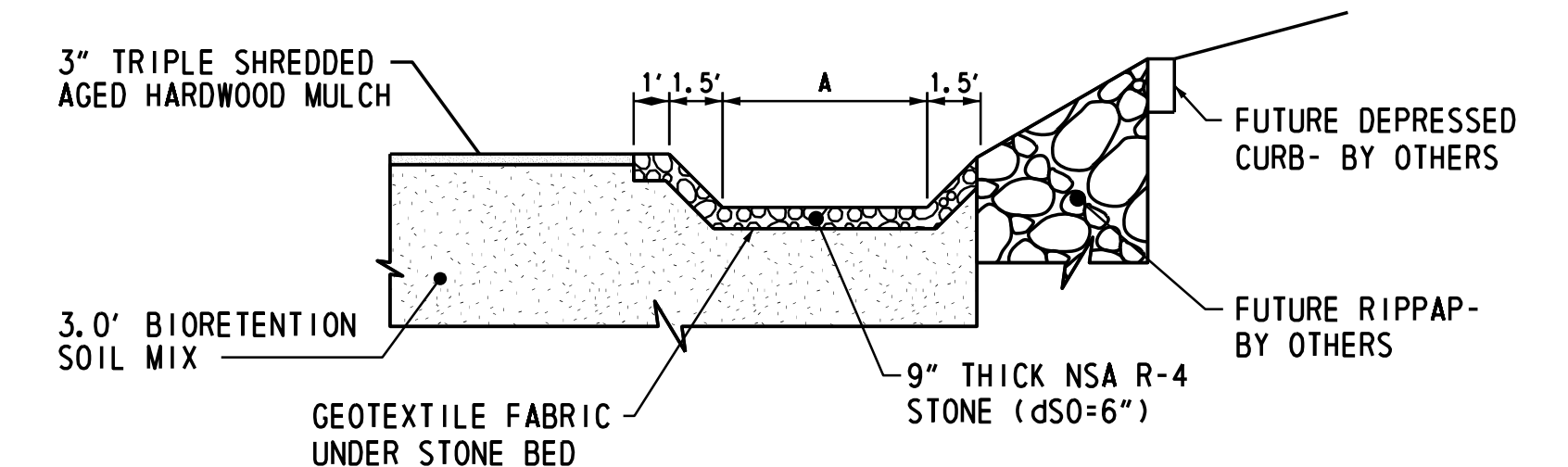
SECTION A-A



MODIFIED SECTION A-A FLARED END SECTION



PLAN

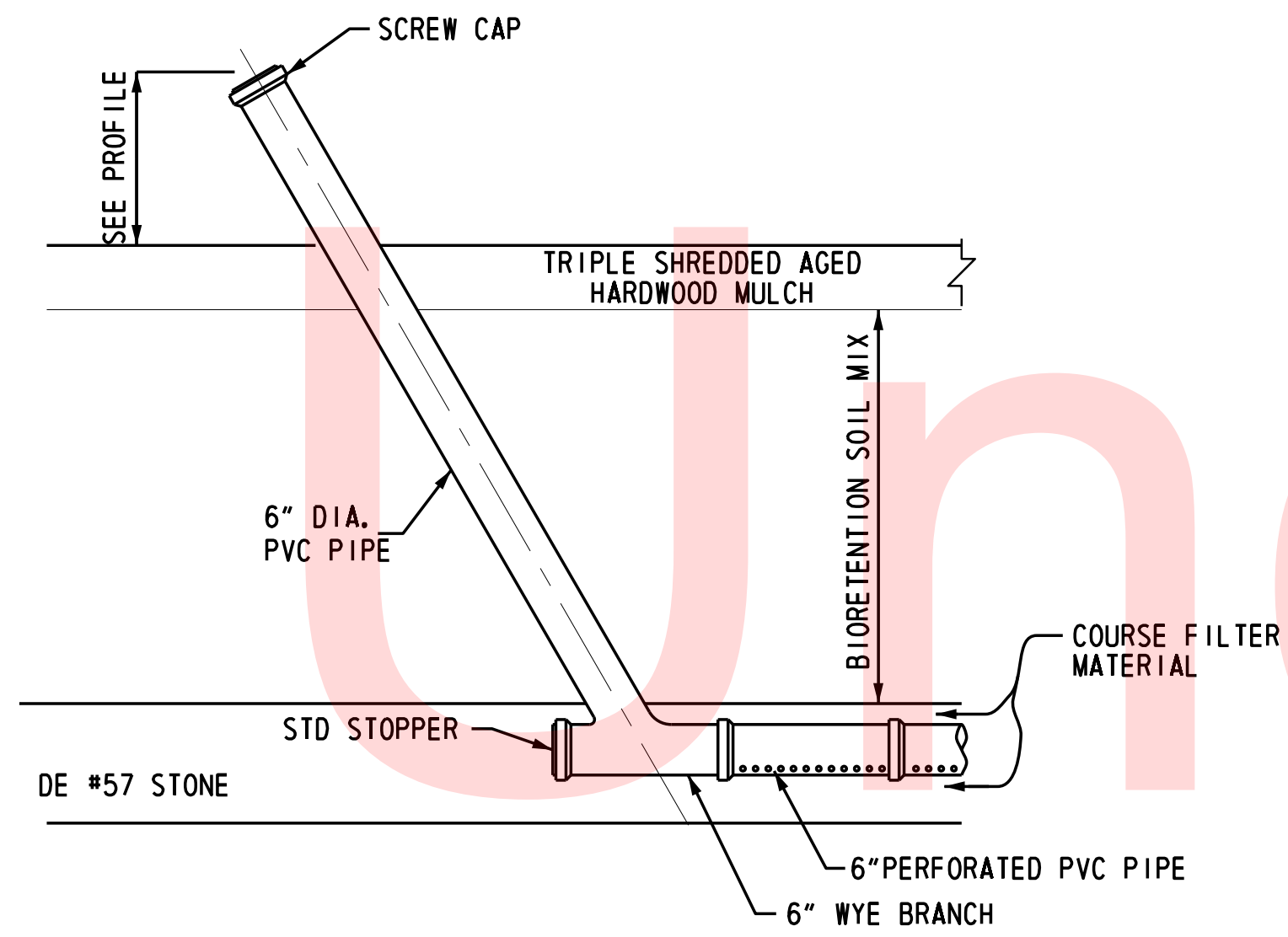


SECTION X-X

CURB CUT FOREBAY DETAIL

(N. T. S.)

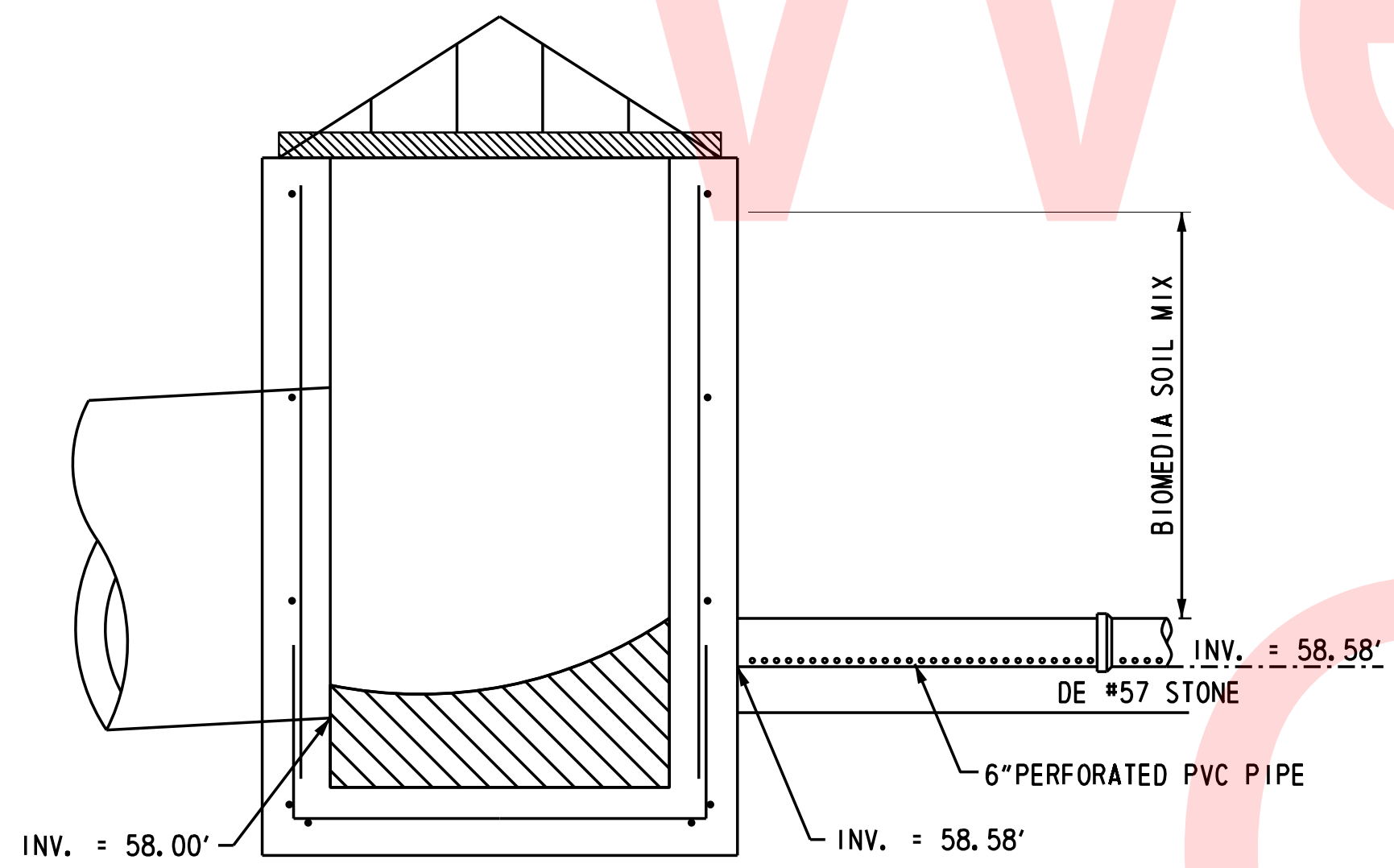
PLOTTED BY: BBOUGHERTY DATE: 6/22/2017 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDCORNERROAD\CADD\CADD_JCR\SW05.DGN [SHEET: SW05]



CLEANOUT DETAIL

N. T. S.

NOTE:
1. ALL MATERIAL AND WORK REQUIRED TO INSTALL CLEANOUT SHALL BE INCIDENTAL TO PAY ITEM 715001.



MODIFIED UNDERDRAIN CONNECTION TO OUTLET STRUCTURE 600

N. T. S.

NOTE:
1. ALL MATERIAL AND WORK REQUIRED TO CONNECT PERFORATED PVC PIPE TO OUTLET STRUCTURE SHALL BE INCIDENTAL TO PAY ITEM 709001.

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\SW06.DGN [SHEET: SW06]



DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

NOT TO SCALE

**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

CONTRACT	BRIDGE NO.
T200912002	
COUNTY	DESIGNED BY: SLD
NEW CASTLE	CHECKED BY: BPH

**STORMWATER MANAGEMENT
PLANS AND DETAILS**

SHEET NO.
58
TOTAL SHTS.
123

GENERAL NOTES:

1. DESIGN SPECIFICATIONS

A. A. S. H. T. O. LRFD BRIDGE DESIGN SPECIFICATION 2014, WITH LATEST INTERIM, AND AS SUPPLEMENTED BY DELDOT BRIDGE DESIGN MANUAL, MAY 2005.

PROVIDE MATERIALS AND PERFORM WORK IN ACCORDANCE WITH DELAWARE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AUGUST 2001 (INCLUDING SUPPLEMENTAL SPECIFICATIONS), ANSI/AASHTO/AWS D1. 5-2002 BRIDGE WELDING CODE, AND CONTRACT SPECIAL PROVISIONS.

2. LOADINGS

DEAD LOAD INCLUDES SOIL FILL. DESIGN LIVE LOAD IS HL-93 AND DELAWARE LEGAL LOADS.

3. CONCRETE DESIGN STRESS

CLASS A:
SPECIFIED DESIGN COMPRESSIVE STRENGTH (F' C) = 4500 PSI

CLASS B:
SPECIFIED DESIGN COMPRESSIVE STRENGTH (F' C) = 3000 PSI

A HIGHER CLASS CONCRETE MAY BE SUBSTITUTED FOR A LOWER CLASS CONCRETE AT NO ADDITIONAL COST TO THE DEPARTMENT.

PROVIDE 2-INCH CONCRETE COVER ON REINFORCEMENT BARS, EXCEPT AS NOTED.

4. REINFORCEMENT

(A) A. A. S. H. T. O M31 (ASTM 615) GRADE 60

(B) MINIMUM REINFORCEMENT LAP SPLICE LENGTH SHALL BE 30 BAR DIAMETERS UNLESS OTHERWISE NOTED.

(C) THE ENDS OF ANY REINFORCEMENT CUT IN FIELD SHALL BE PAINTED WITH EPOXY.

5. STRUCTURES:

(A) CLASS A CONCRETE:
HEADWALL STEMS

(B) CLASS B CONCRETE:
FOOTINGS

6. FOUNDATION DESIGN CRITERIA:

- (A) DRY UNIT WEIGHT OF SOIL = 125 PCF
- (B) SATURATED UNIT WEIGHT OF SOIL = 130 PCF
- (C) MINIMUM EQUIVALENT FLUID PRESSURE = 35 PCF
- (D) FACTORED ULTIMATE BEARING CAPACITY = 1.74 KSF
- (E) COHESION = 0 PSF
- (F) EFFECTIVE FRICTION ANGLE = 28°

7. UTILITY

COORDINATE, LOCATE, AND CONDUCT ALL WORK RELATED TO PUBLIC AND PRIVATE UTILITIES.

8. ALL DIMENSIONS AND DETAILS SHALL BE VERIFIED AND COORDINATED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

9. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL NECESSARY SAFEGUARDS TO PROTECT PUBLIC SAFETY AND ADJOINING PROPERTIES.

10. DETAILS AS SHOWN IN ANY SECTION SHALL APPLY TO ALL SIMILAR SECTIONS UNLESS OTHERWISE NOTED.

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GENERAL NOTES AND INDEX OF DRAWINGS

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017

FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDCORNERROAD\CADD\CADD_JCR\HW_NOTES.DGN [SHEET: HW_NOTES]



DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS	

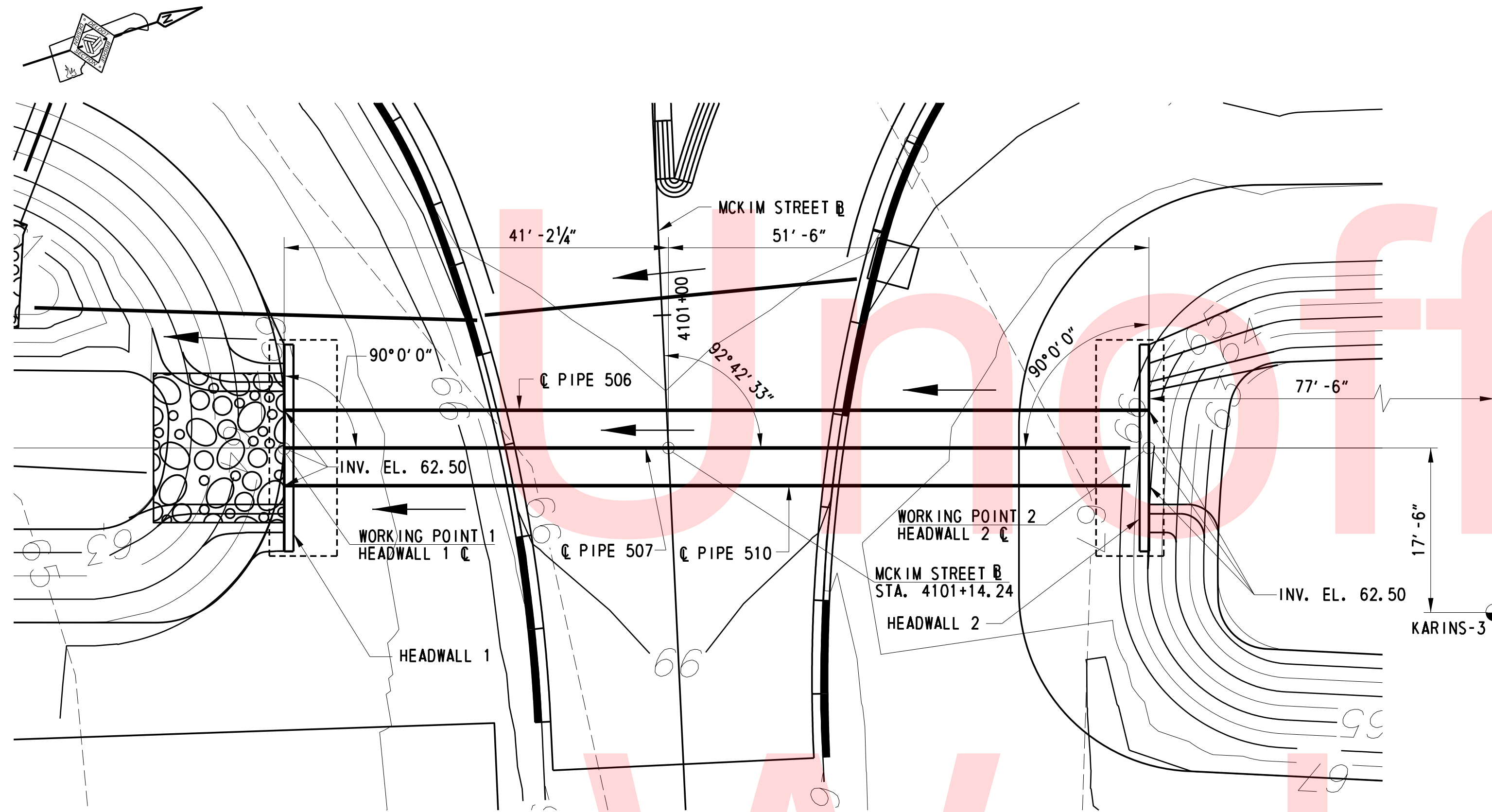
NOT TO SCALE

**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

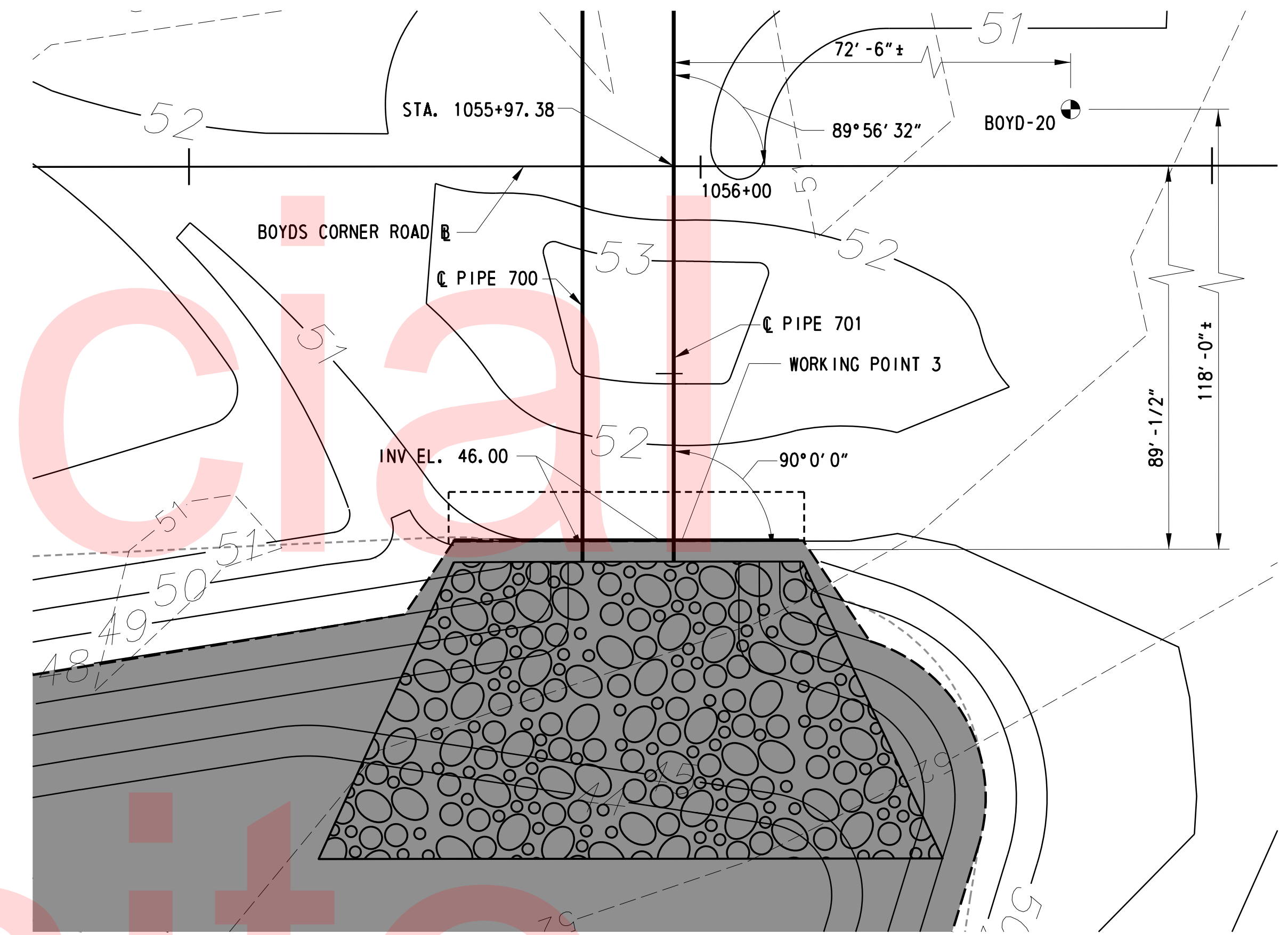
CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: YG
	CHECKED BY: JAB

STRUCTURAL PLANS

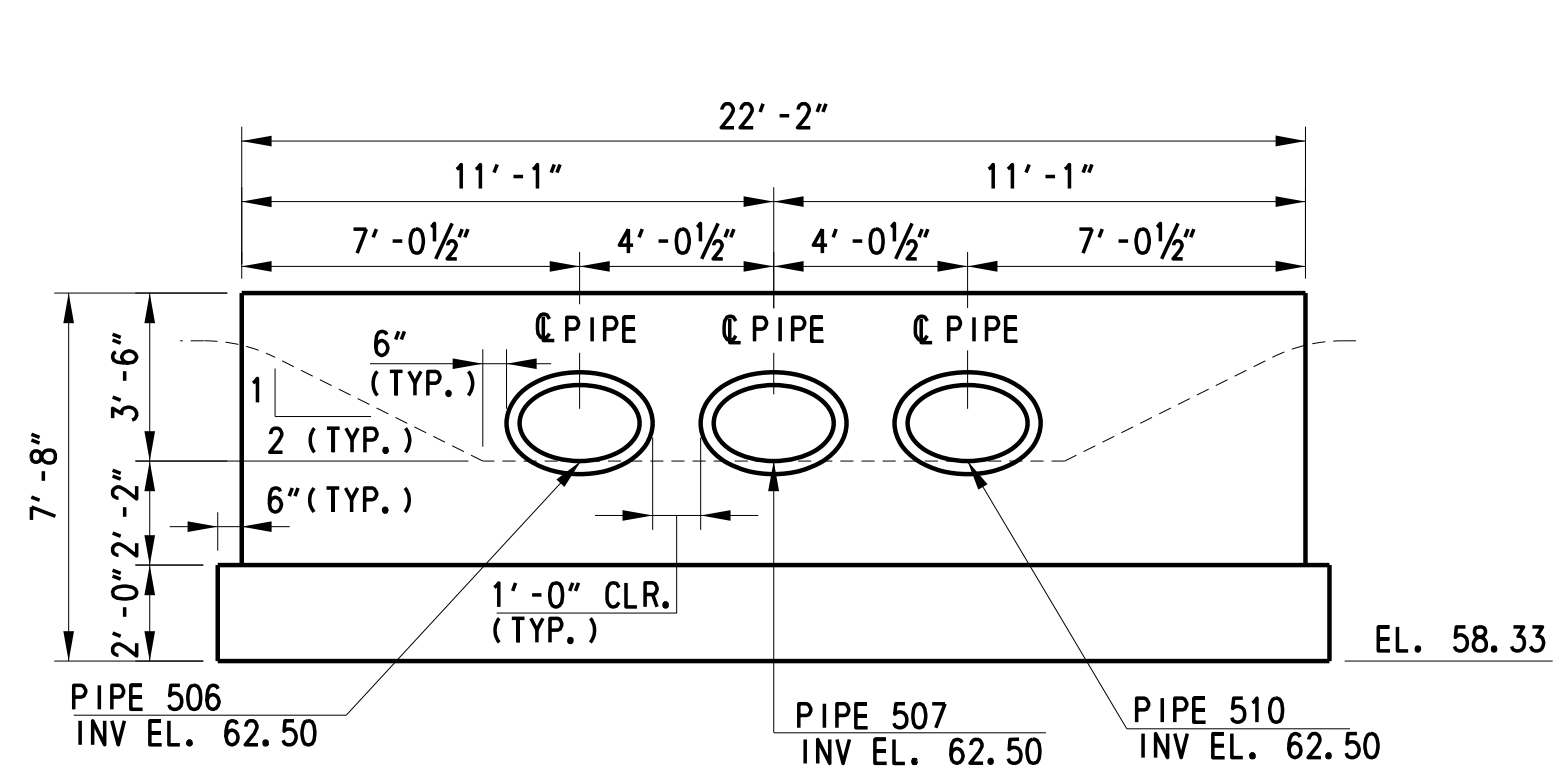
SHEET NO. 59
TOTAL SHTS. 123



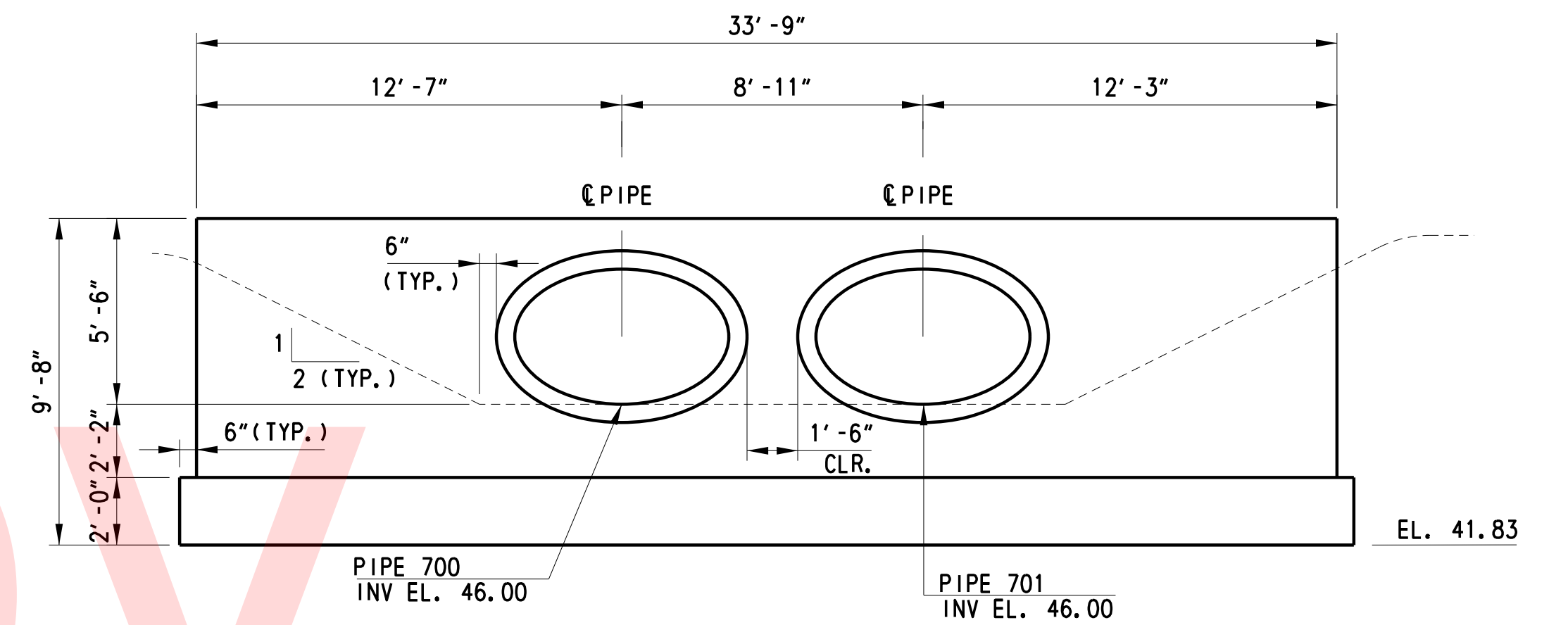
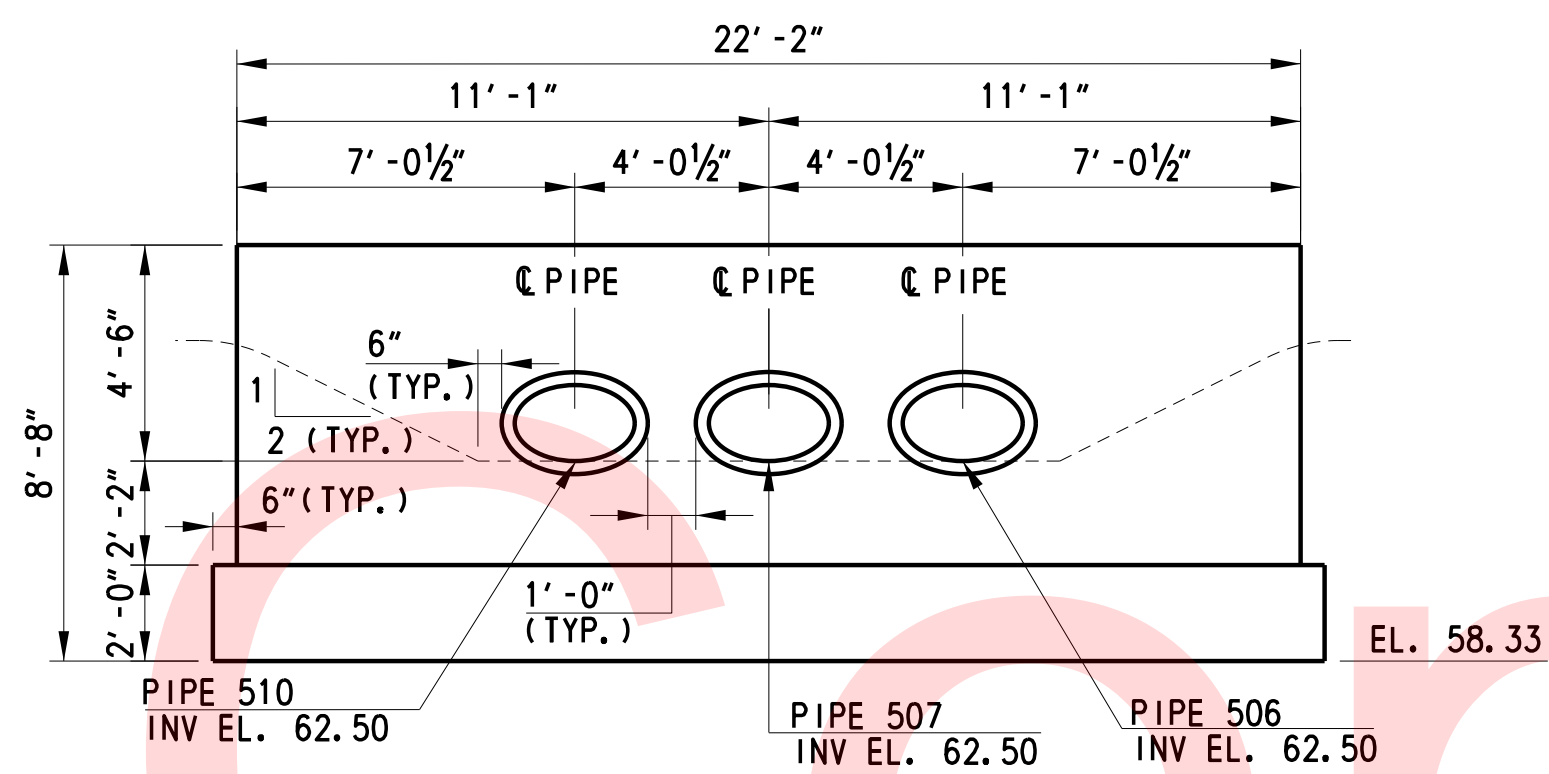
PLAN
HEADWALLS 1 & 2
1" = 10'-0"



PLAN
HEADWALL 3 (AT BR1-404)
1" = 10'-0"



ELEVATION
HEADWALLS 1 & 2
1/4" = 1'-0"



ELEVATION
HEADWALL 3 (AT BR1-404)
1/4" = 1'-0"

LEGEND:

- INDICATES BORING LOCATIONS, SEE CONSTRUCTION PLANS
- RIPRAP

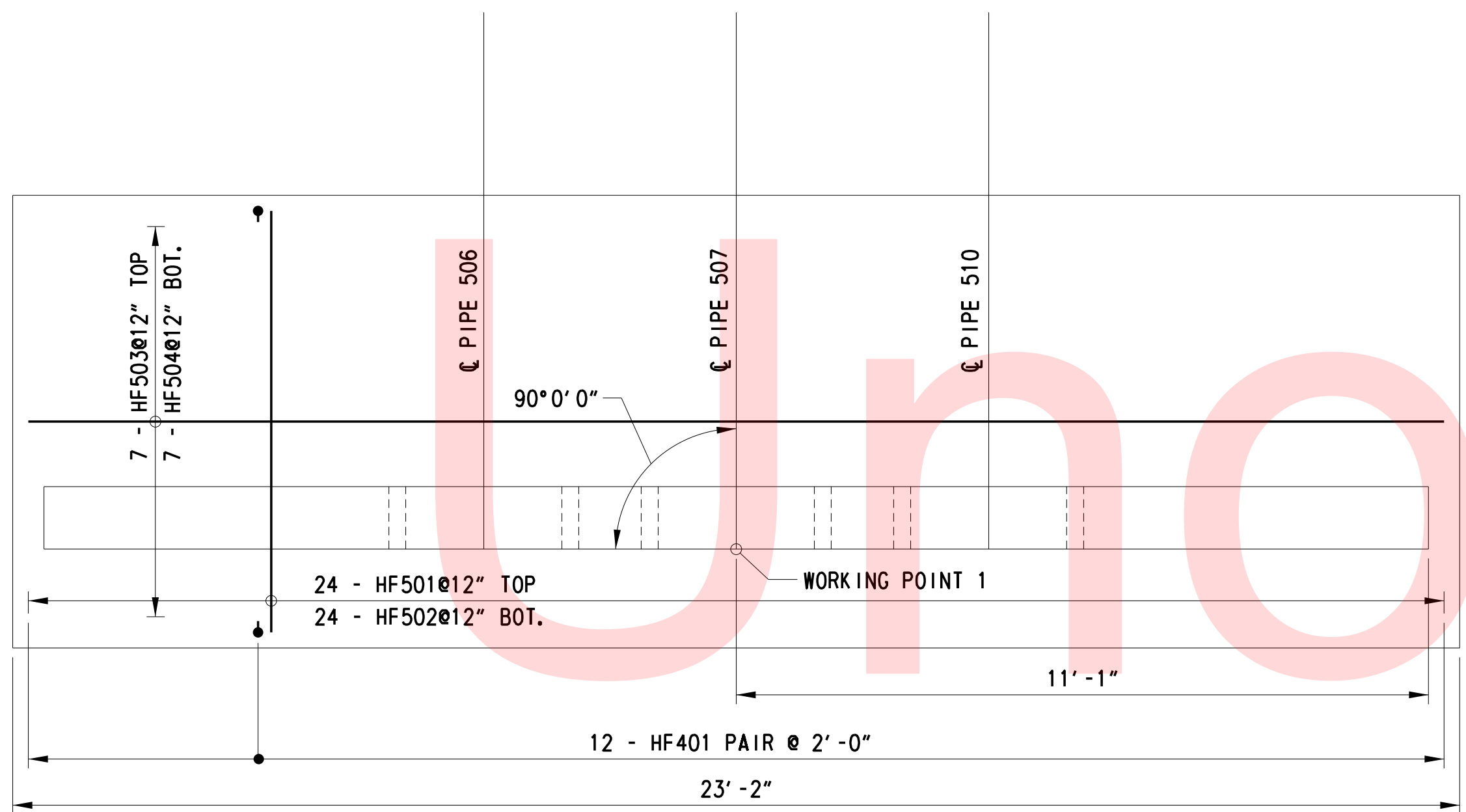
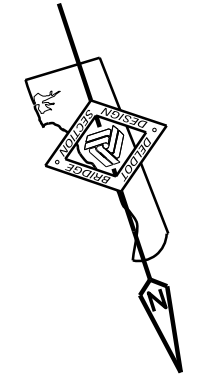
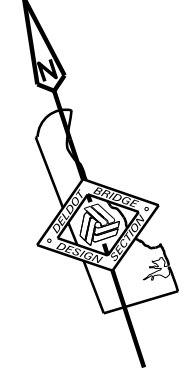
WORKING POINT COORDINATES				
W. P.	STATION	OFFSET	NORTHING	EASTING
1	4101+12.35	41.15 RT	548351.6036	580896.2609
2	4101+16.67	51.44 LT	548439.7684	580924.8602
3	1055+97.38	89.97 RT	547211.2797	582954.0244

NOTE:

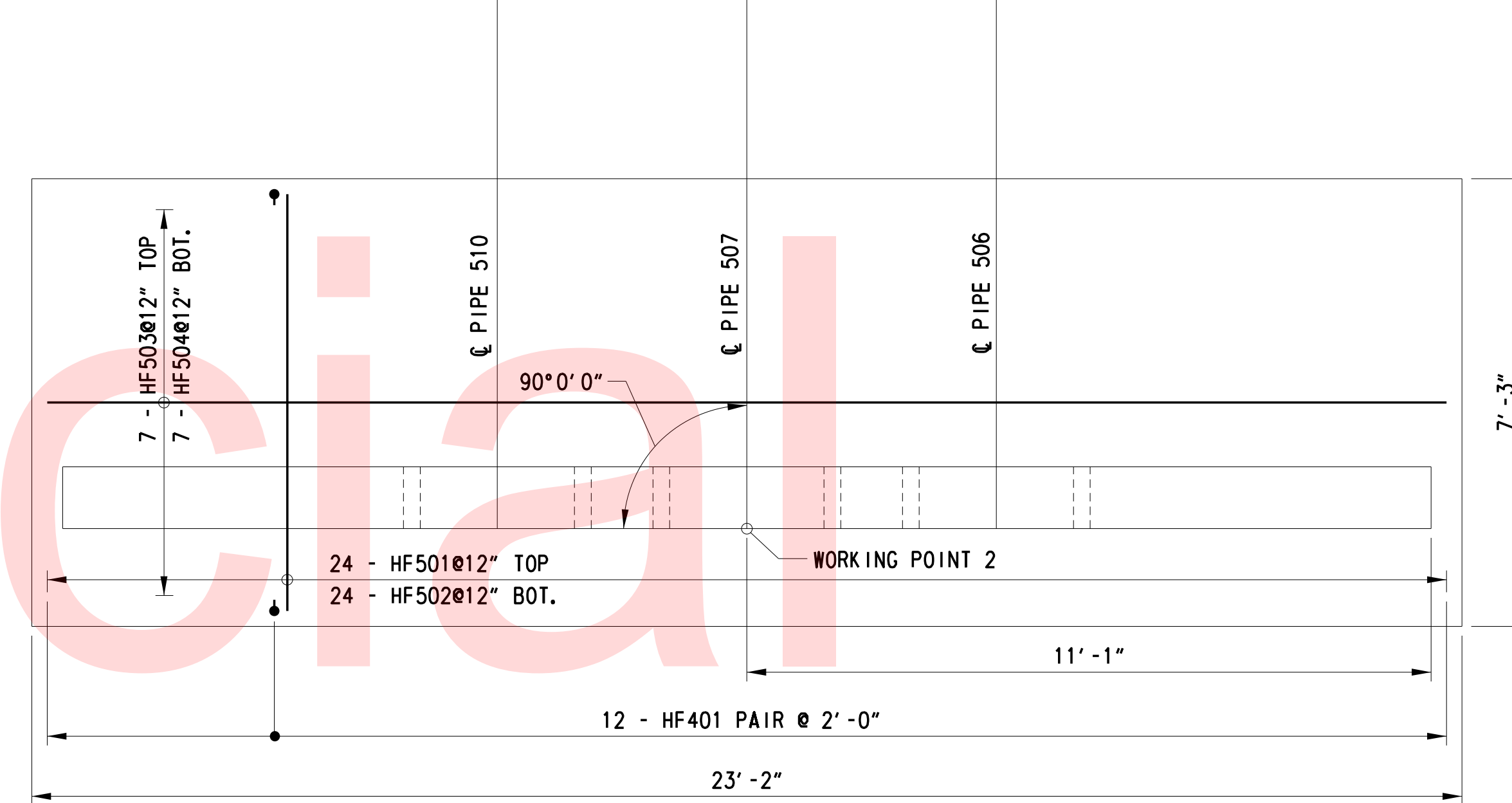
1. FOR BORING INFORMATION, SEE CONSTRUCTION PLANS.
2. FOR PIPE INFORMATION, SEE CONSTRUCTION PLANS.
3. FOR RIPRAP INFORMATION, SEE CONSTRUCTION PLANS.
4. FOR TYPICAL WALL SECTION, SEE TYPICAL SECTION AND HEADWALL 3 PLAN AND ELEVATION.
5. PROVIDE 6" MIN. COVER FOR PIPES.

GENERAL PLAN AND ELEVATION

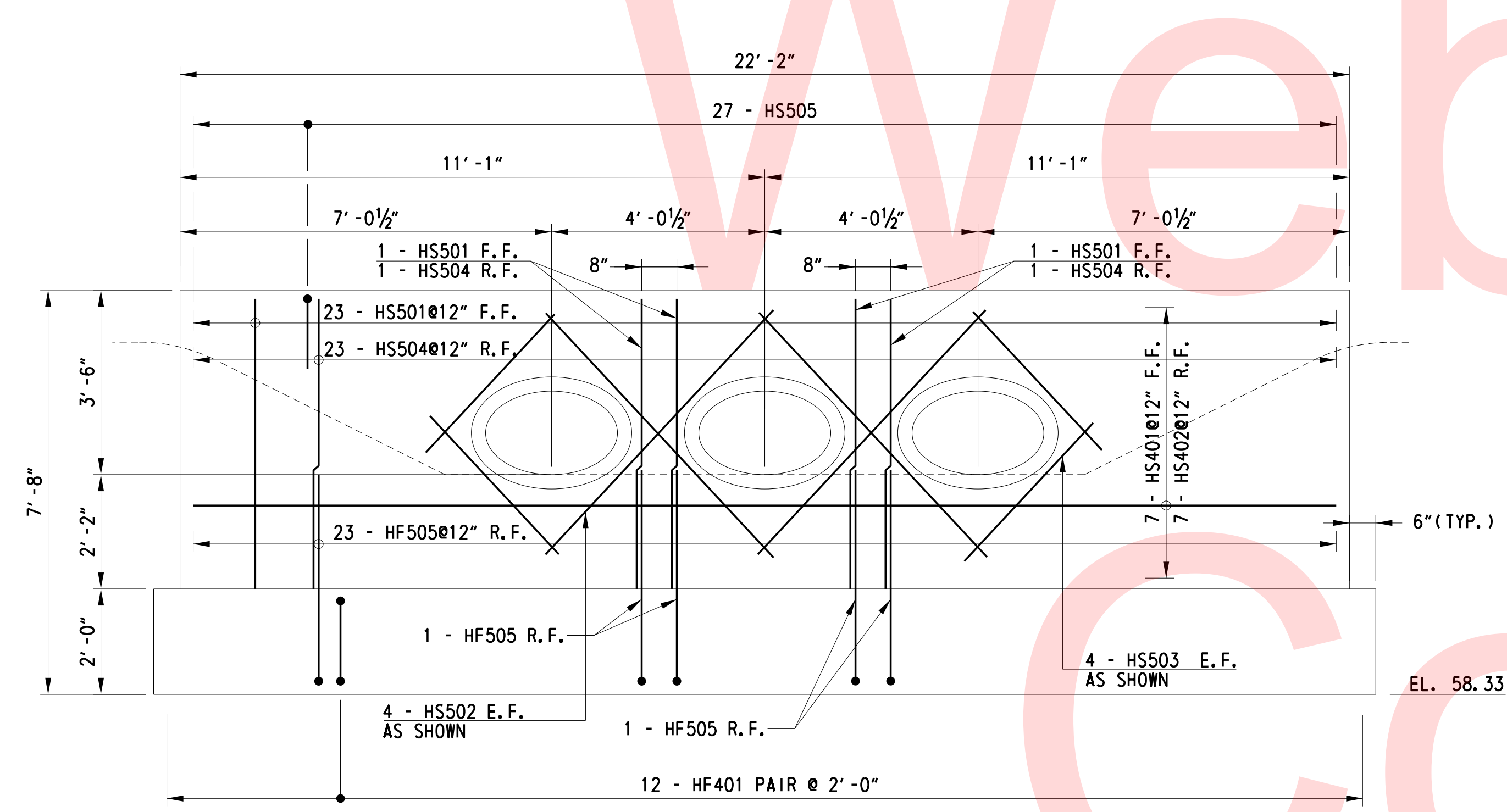
PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000BELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\HW01.DGN [SHEET: HW01]



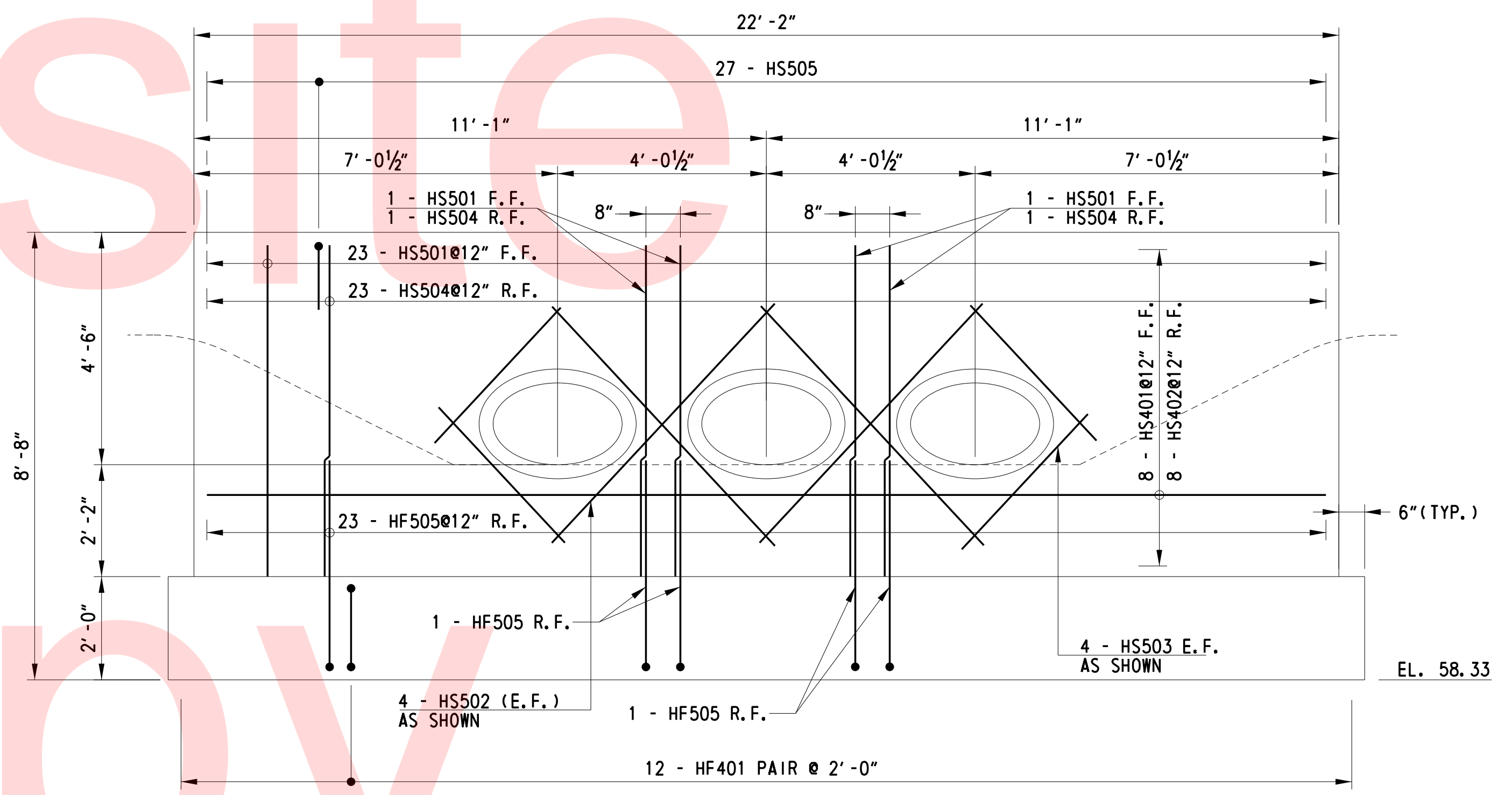
**FOOTING PLAN
HEADWALL 1**
1/2" = 1'-0"



**FOOTING PLAN
HEADWALL 2**
1/2" = 1'-0"



**ELEVATION
HEADWALL 1**
1/2" = 1'-0"



**ELEVATION
HEADWALL 2**
1/2" = 1'-0"

LEGEND:

- F.F. FRONT FACE
- R.F. REAR FACE
- E.F. EACH FACE
- BOT. BOTTOM

NOTE:

1. FOR WORKING POINT COORDINATES, SEE GENERAL PLAN & ELEVATION.
2. REINFORCEMENT AROUND PIPES SHALL BE CUT IN FIELD TO FIT.
3. FOR REINFORCEMENT BAR DETAILS, SEE REINFORCEMENT BAR SCHEDULE.
4. FOR TYPICAL WALL SECTION, SEE TYPICAL SECTION AND HEADWALL 3 PLAN AND ELEVATION.

HEADWALL 1 AND 2 PLAN AND ELEVATION

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000BELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CJR\HW02.DGN [SHEET: HW02]



ADDENDUMS / REVISIONS	

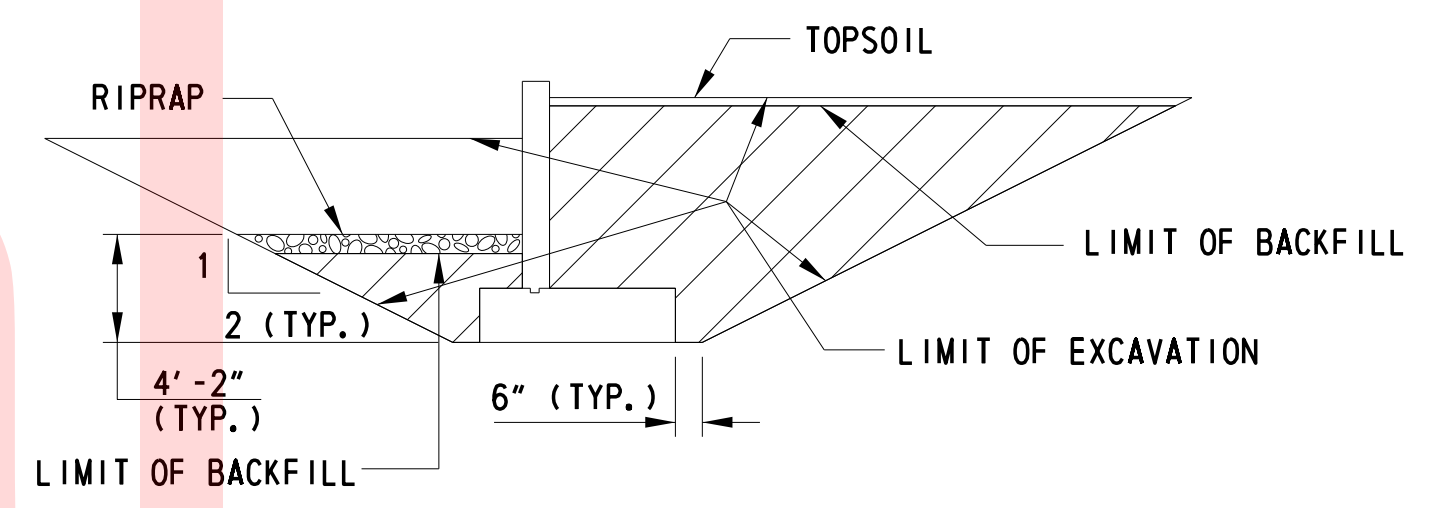
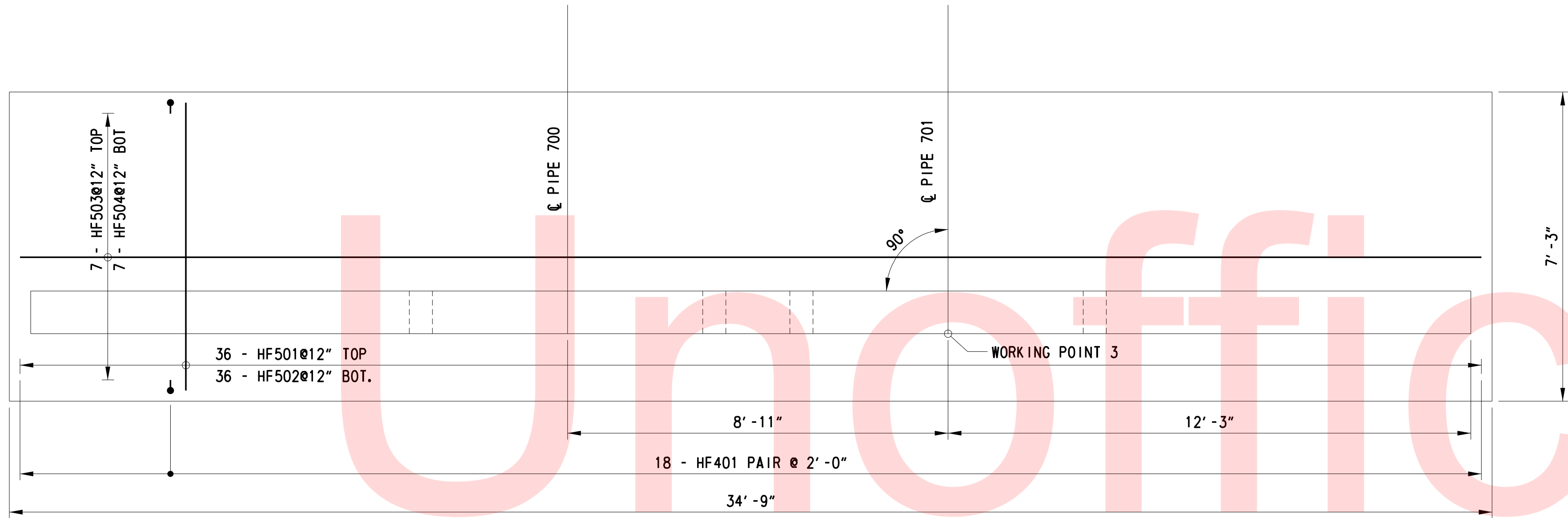
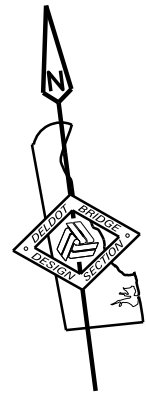
AS NOTED

**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

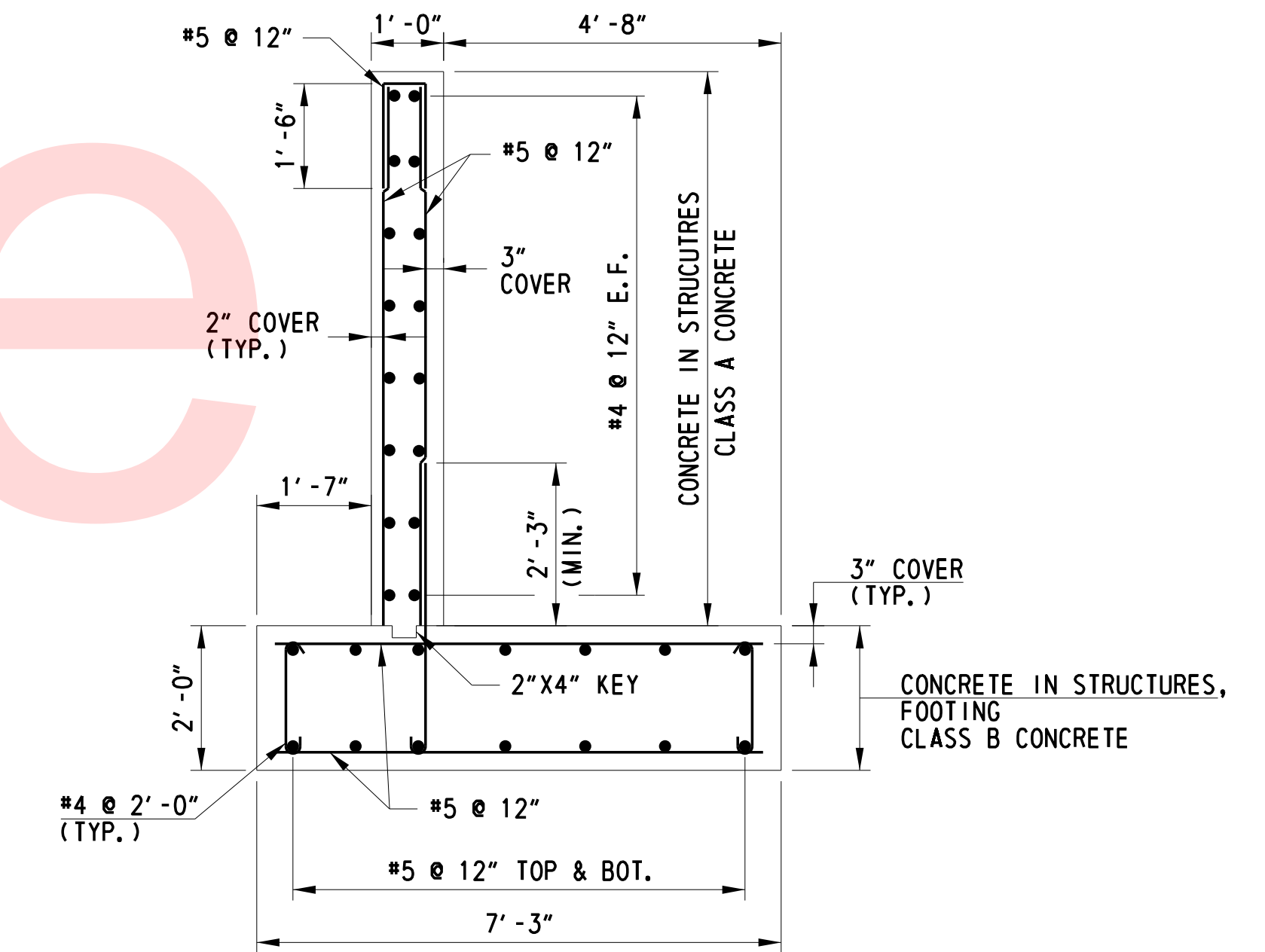
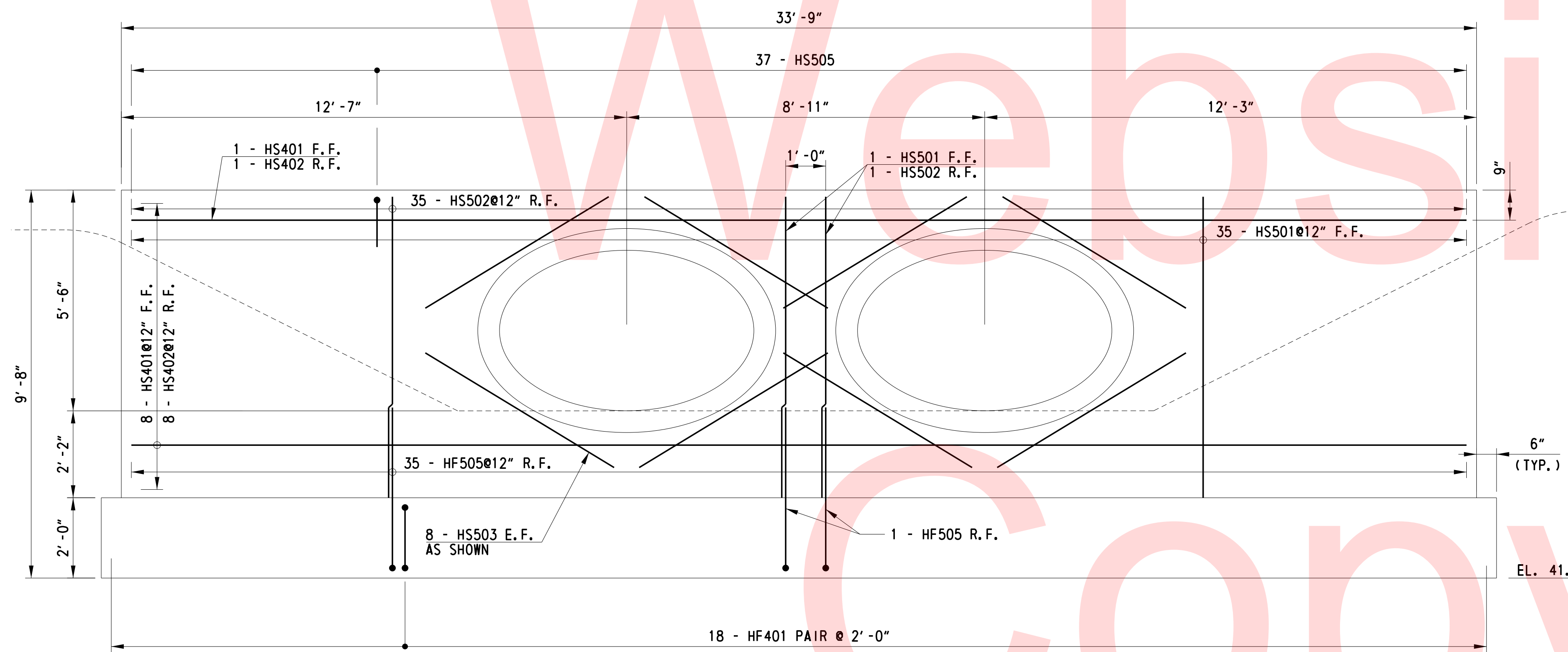
CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: YG
	CHECKED BY: JAB

STRUCTURAL PLANS

SHEET NO. 61
TOTAL SHTS. 123



FOOTING PLAN
HEADWALL 3
1/2" = 1'-0"



TYPICAL WALL SECTION
1/2" = 1'-0"

LEGEND:

F.F. FRONT FACE
R.F. REAR FACE
E.F. EACH FACE
BOT. BOTTOM

ELEVATION
HEADWALL 3
1/2" = 1'-0"

NOTE:

1. FOR WORKING POINT COORDINATES, SEE GENERAL PLAN & ELEVATION.
2. REINFORCEMENT AROUND PIPES SHALL BE CUT IN FIELD TO FIT.
3. FOR REINFORCEMENT BAR DETAILS, SEE REINFORCEMENT BAR SCHEDULE.

TYPICAL WALL SECTION AND HEADWALL 3 PLAN AND ELEVATION

1 ALL MARK 'LOCATION PREFIXES' SHALL CONSIST OF TWO LETTERS AND ARE AS FOLLOWS: HS = HEADWALL STEM
HF = HEADWALL FOOTING

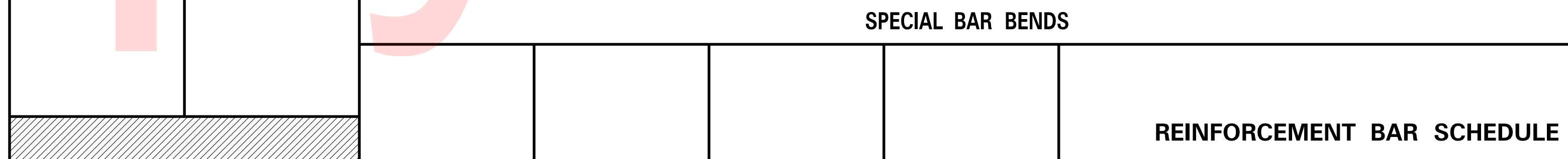
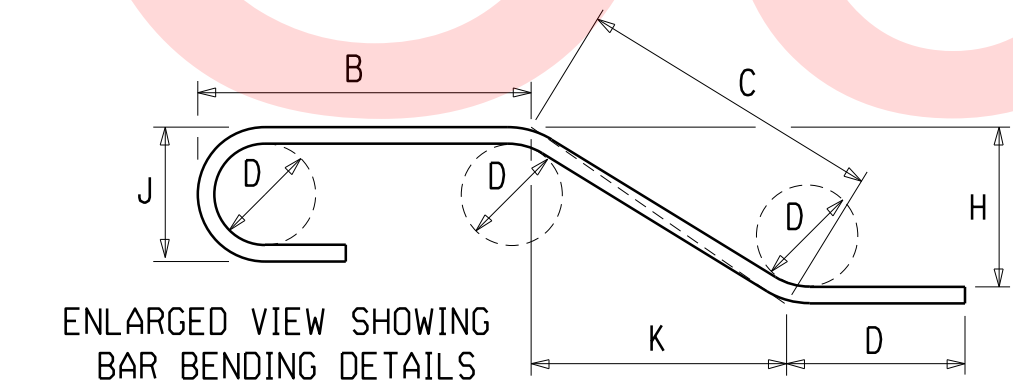
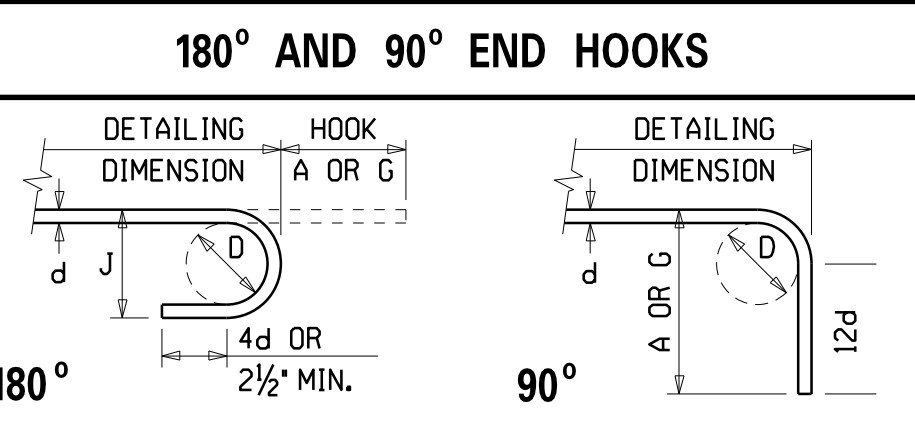
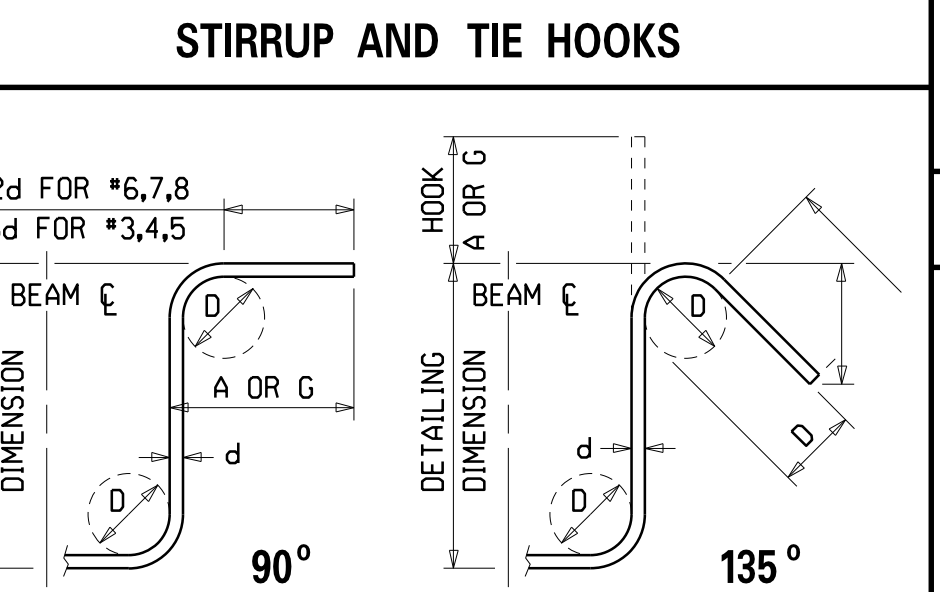
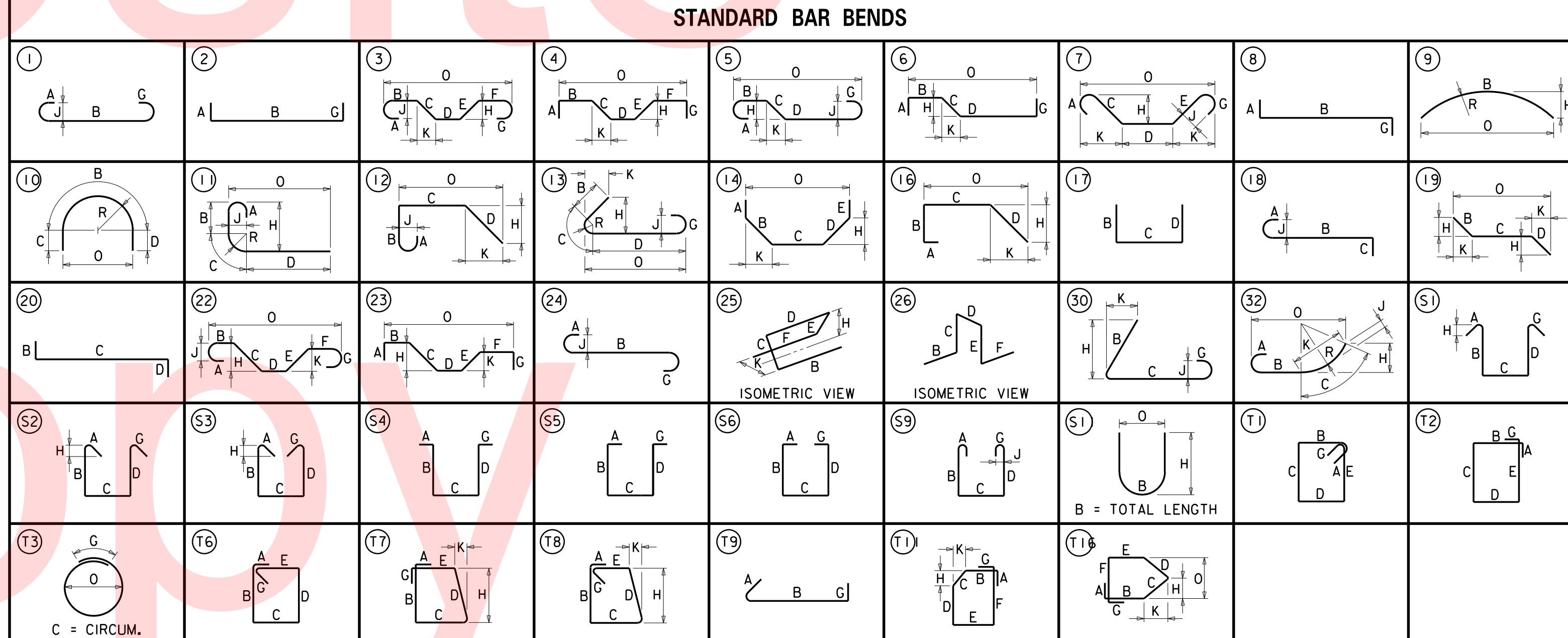
SPECIFICATIONS					BENDING DIMENSIONS (FEET-INCHES /QUARTER INCH)									
QTY.	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F/R	G	H	J	K
HEADWALL 1														
STEM														
7	4	21'-8"	HS401	STR										
7	4	21'-8"	HS402	STR										
27	5	5'-6"	HS501	STR										
8	5	6'-4"	HS502	STR										
8	5	3'-7"	HS503	STR										
27	5	5'-6"	HS504	STR										
27	5	3'-7"	HS505	17		1'-6"	0'-7"	1'-6"						
FOOTING														
24	4	2'-4"	HF401	T9	0'-5"	1'-6"					0'-5"			
24	5	6'-9"	HF501	STR										
24	5	6'-9"	HF502	STR										
7	5	22'-8"	HF503	STR										
7	5	22'-8"	HF504	STR										
27	5	4'-7"	HF505	①	0'-7"	4'-0"					0'-0"	0'-5"		

SPECIFICATIONS					BENDING DIMENSIONS (FEET-INCHES /QUARTER INCH)									
QTY.	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F/R	G	H	J	K
HEADWALL 2														
STEM														
8	4	21'-8"	HS401	STR										
8	4	21'-8"	HS402	STR										
27	5	6'-6"	HS501	STR										
8	5	6'-4"	HS502	STR										
8	5	3'-7"	HS503	STR										
27	5	6'-6"	HS504	STR										
27	5	3'-7"	HS505	17		1'-6"	0'-7"	1'-6"						
FOOTING														
24	4	2'-4"	HF401	T9	0'-5"	1'-6"					0'-5"			
24	5	6'-9"	HF501	STR										
24	5	6'-9"	HF502	STR										
7	5	22'-8"	HF503	STR										
7	5	22'-8"	HF504	STR										
27	5	4'-7"	HF505	①	0'-7"	4'-0"					0'-0"	0'-5"		

SPECIFICATIONS					BENDING DIMENSIONS (FEET-INCHES /QUARTER INCH)									
QTY.	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F/R	G	H	J	K
HEADWALL 3 (BR1-404)														
STEM														
9	4	33'-3"	HS401	STR										
9	4	33'-3"	HS402	STR										
37	5	7'-6"	HS501	STR										
37	5	7'-6"	HS502	STR										
16	5	5'-4"	HS503	STR										
37	5	3'-7"	HS505	17		1'-6"	0'-7"	1'-6"						
FOOTING														
36	4	2'-4"	HF401	T9	0'-5"	1'-6"					0'-5"			
37	5	6'-9"	HF501	STR										
37	5	6'-9"	HF502	STR										
7	5	34'-3"	HF503	STR										
7	5	34'-3"	HF504	STR										
37	5	4'-7"	HF505	①	0'-7"	4'-0"					0'-0"	0'-5"		

ASTM STANDARD ENGLISH REINFORCING BARS				RECOMMENDED END HOOKS, APPLICABLE TO ALL GRADES				STIRRUP AND TIE HOOKS, APPLICABLE TO ALL GRADES			
BAR SIZE	NOMINAL DIMENSIONS			180° HOOKS		90° HOOKS		90° HOOK		135° HOOK	
	DIAMETER (INCHES)	AREA (INCHES ²)	WEIGHT (LBS./FT.)	D	A OR G	J	A OR G	D	A OR G	A OR G	A OR G
3	0.375	0.110	0.376	2 1/4"	5"	3"	6"	1 1/2"	4"	4"	2 1/2"
4	0.500	0.200	0.668	3"	6"	4"	8"	2"	4 1/2"	4 1/2"	3"
5	0.625	0.310	1.043	3 3/4"	7"	5"	10"	2 1/2"	6"	5 1/2"	3 3/4"
6	0.750	0.440	1.502	4 1/2"	8"	6"	1-0"	4 1/2"	1-0"	8"	4 1/2"
7	0.875	0.600	2.044	5 1/4"	10"	7"	1-2"	5 1/4"	1-2"	9"	5 1/4"
8	1.000	0.790	2.670	6"	11"	8"	1-4"	6"	1-4"	10 1/2"	6"
9	1.128	1.000	3.400	9 1/2"	1-3"	11 3/4"	1-7"				
10	1.270	1.270	4.303	10 3/4"	1-5"	1-1 1/4"	1-10"				
11	1.410	1.560	5.313	1-0"	1-7"	1-2 3/4"	2-0"				
14	1.693	2.250	7.650	1-6 1/4"	2-3"	1-9 3/4"	2-7"				
18	2.257	4.000	13.600	2-0"	3-0"	2-4 1/2"	3-5"				

- NOTES:**
- FIGURES SHOWN IN CIRCLES REPRESENT BAR BEND TYPES.
 - STANDARD BAR BENDS INCLUDE ONLY THOSE TYPES BELOW, INDICATED AS SUCH.
 - ALL DIMENSIONS OUT-TO-OUT, EXCEPT "A" AND "G" ON STD. 180° AND 135° HOOKS.
 - "J" DIMENSIONS ON 180° HOOKS TO BE SHOWN ONLY WHERE NECESSARY TO RESTRICT HOOK SIZE, OTHERWISE STANDARD 'AC1' HOOKS ARE TO BE USED.
 - WHERE "J" IS NOT SHOWN, "J" WILL BE KEPT EQUAL TO OR LESS THAN "H" ON TYPES 3, 5 AND 22. WHERE "J" CAN EXCEED "H", IT SHALL BE SHOWN.
 - "H" DIMENSIONS OF STIRRUPS TO BE SHOWN AS NEEDED TO FIT WITHIN THE CONCRETE.
 - UNLESS OTHERWISE NOTED, DIAMETER "D" IS THE SAME FOR ALL BENDS AND HOOKS ON A BAR (EXCEPT FOR BEND TYPES 11 AND 13).
 - WHERE SLOPE DIFFERS FROM 45° OFFSET, "H" AND "K" MUST BE SHOWN.
 - WHERE BARS ARE TO BE BENT MORE ACCURATELY THAN STANDARD BENDING TOLERANCES, BENDING DIMENSIONS REQUIRING CLOSER FABRICATION SHOULD HAVE LIMITS INDICATED.
 - FOR RECOMMENDED DIAMETER "D", OF BENDS, HOOKS, ETC., REFER TO TABLE ABOVE, 'CRS1' OR 'AC1' TABLES WHERE APPLICABLE AND REQUIRED.
 - TYPE S1-S6, S11, T1-T3 AND T6-T9 APPLICABLE TO BAR SIZES #3 THROUGH #8.
 - CONTRACTOR SHALL SUBMIT SHOP DRAWINGS BASED ON FIELD VERIFICATION OF DIMENSIONS.



PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR_HW04.DGN [SHEET: HW04]

MAINTENANCE OF TRAFFIC NOTES

1. MAINTENANCE OF TRAFFIC DURING LANE CLOSURES AND SHOULDER CLOSURES SHALL CONFORM TO TA-3, TA-10, TA-11B, AND TA-27. IF TA-3 OF THE DELAWARE MUTCD IS IMPLEMENTED, INCORPORATE TEMPORARY BIKE SIGNAGE (W11-1 BLACK LEGEND ON ORANGE BACKGROUND). MAINTENANCE OF TRAFFIC SHALL BE PERFORMED IN ACCORDANCE WITH SPECIFICATION 743000 - MAINTENANCE OF TRAFFIC.
2. THE CONTRACTOR SHALL SUPPLY MESSAGE BOARDS 10 DAYS IN ADVANCE OF NEW TRAFFIC PATTERNS OR ROAD CLOSURES. MESSAGE BOARDS FOR ROAD CLOSURES SHALL REMAIN IN PLACE 5 DAYS AFTER THE CLOSURE OCCURS. THE ENGINEER MAY LENGTHEN OR SHORTEN THE REQUIRED DURATIONS FOR THE MESSAGE BOARDS BASED ON CONDITIONS IN THE FIELD. PAYMENT FOR THESE MESSAGE BOARDS WILL BE MADE UNDER ITEM NUMBER 743004. MESSAGE BOARD LOCATIONS AND MESSAGES SHALL BE COORDINATED AND APPROVED BY THE DISTRICT TRAFFIC SAFETY OFFICER.
3. DELDOT RESERVES THE RIGHT TO MODIFY THE TRAFFIC CONTROL AS FIELD CONDITIONS DICTATE.
4. THIS PROJECT IS CONSIDERED A SIGNIFICANT PROJECT AS DEFINED BY DELDOT'S WORK ZONE MOBILITY PROCEDURES AND GUIDELINES. A TYPE B TRANSPORTATION MANAGEMENT PLAN (TMP) HAS BEEN PREPARED AND IS AVAILABLE FOR VIEWING BY CONTACTING THE DEPARTMENT'S SAFETY PROGRAMS MANAGER AT (302)659-4060. ALL MONITORING REQUIREMENTS OF THE TMP SHALL BE CONDUCTED BY DELDOT FORCES UNLESS OTHERWISE DIRECTED BY THE ENGINEER. MODIFICATIONS TO THE TMP SHALL BE COMPLETED BY THE CONTRACTOR IF CHANGES TO THE TIME RESTRICTIONS OR THE TRAFFIC CONTROL PLAN ARE DESIRED. THE MODIFIED TMP SHALL BE PREPARED BY A PROFESSIONAL ENGINEER, REGISTERED IN THE STATE OF DELAWARE. REFER TO THE CHARTS BELOW FOR THE TIMES OF LANE RESTRICTIONS FOR JAMISON CORNER ROAD AND BOYDS CORNER ROAD:

TABLE FOR LANE CLOSURE TIMES FOR JAMISON CORNER ROAD

	Allowable lane closure hours																							
	12:00 AM	1:00 AM	2:00 AM	3:00 AM	4:00 AM	5:00 AM	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	9:00 PM	10:00 PM	11:00 PM
SUNDAY																								
MONDAY																								
TUESDAY																								
WEDNESDAY																								
THURSDAY																								
FRIDAY																								
SATURDAY																								

■ lane closed
□ lane open

TABLE FOR LANE CLOSURE TIMES FOR BOYDS CORNER ROAD

	Allowable lane closure hours																							
	12:00 AM	1:00 AM	2:00 AM	3:00 AM	4:00 AM	5:00 AM	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	9:00 PM	10:00 PM	11:00 PM
SUNDAY																								
MONDAY																								
TUESDAY																								
WEDNESDAY																								
THURSDAY																								
FRIDAY																								
SATURDAY																								

■ lane closed
□ lane open

5. THE ENGINEER SHOULD CONTACT THE HAULING PERMIT OFFICE AT (302) 744-2700 FOR DELDOT'S OVERSIZE OVERWEIGHT PERMIT SYSTEM (OOPS) TO REQUEST POSTING ANY LANE RESTRICTIONS OR ROAD CLOSURES ON THE TEMPORARY ROUTE RESTRICTIONS WEBPAGE AT LEAST TWO WEEKS IN ADVANCE OF NEW TRAFFIC PATTERNS.
6. JAMISON CORNER ROAD SHALL NOT BE CLOSED.

MAINTENANCE OF TRAFFIC NOTES CONT.

7. FILL IN THE EXISTING RUMBLE STRIPS ALONG BOYDS CORNER ROAD FROM STATION 1028+00 TO STATION 1031+10 AND FROM STATION 1033+40 TO STATION 1035+20, UTILIZING ASPHALT PERMANENT PATCH MATERIAL. THIS WORK SHALL BE INCIDENTAL TO ITEM 743000.

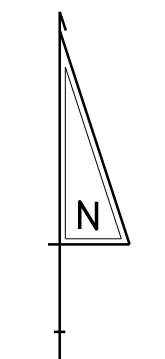
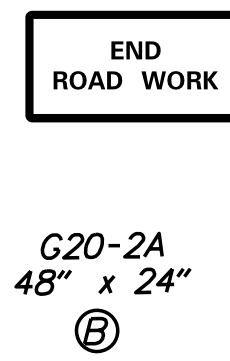
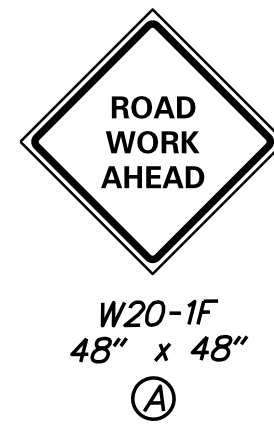
CONSTRUCTION PHASING & M.O.T	
	BARRICADE, TYPE 3
	CONCRETE SAFETY BARRIER - PORTABLE
	CONSTRUCTION SAFETY FENCE / LENGTH
	CONSTRUCTION SAFETY FENCE
	CONSTRUCTION WARNING SIGN LOCATION
	CONSTRUCTION WARNING SIGN
	CRASH CUSHION ARRAY
	DRUM - TRAFFIC CONTROL
	FLAGGER LOCATION
	PHASING TRAFFIC FLOW ARROW
	TEMPORARY CONSTRUCTION
	TEMPORARY PAVEMENT MARKING ARROW
	TRUCK WITH MOUNTED ATTENUATOR
	WORK AREA - ACTIVE PHASE
	CLEAR AREA/BARRIER L.O.N. AREA
	PEDESTRIAN CHANNELIZING BARRICADE SYSTEM
	IMPACT ATTENUATOR

EROSION AND SEDIMENT CONTROL NOTES

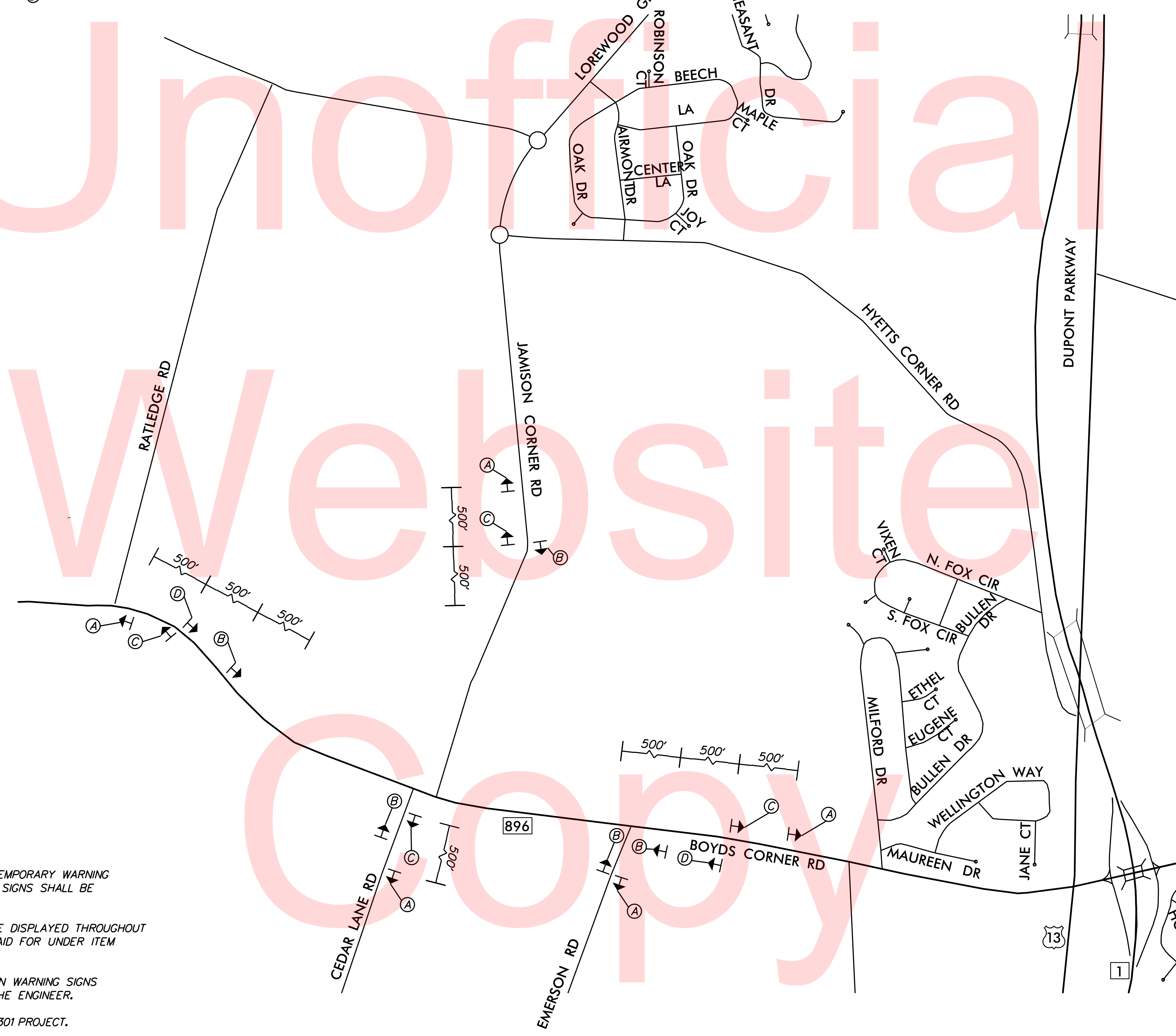
1. THE CONTRACTOR SHALL INSTALL INLET PROTECTION ON ALL EXISTING AND PROPOSED DRAINAGE INLETS SHOWN ON THE CONSTRUCTION PLANS.
2. THE CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES FOLLOWING STABILIZATION OF ENTIRE DISTURBED AREA AND UPON THE APPROVAL OF THE EROSION AND SEDIMENT CONTROL ENGINEER.
3. IF A STOCKPILE AREA IS TO REMAIN INACTIVE FOR MORE THAN 14 CALENDAR DAYS, THE STOCKPILE SHALL BE VEGETATIVELY STABILIZED. THE VEGETATIVE STABILIZATION SHALL LAST THE DURATION OF THE STOCKPILE AND SHALL BE REESTABLISHED IN THE EVENT OF EROSION OR AS DIRECTED BY THE ENGINEER.
4. EXCESS EARTHWORK SHALL BE STOCKPILED ALONG BOYD'S CORNER ROAD BETWEEN STATIONS 1040+50 AND 1063+90 OFFSET RIGHT. THE EXCESS MATERIAL WILL REMAIN ON SITE AND BECOME THE PROPERTY OF FARM LAND HOLDINGS AFTER THE COMPLETION OF CONTRACT T200912002. REINFORCED SILT FENCE IS TO BE ABANDONED IN PLACE BY THE CONTRACTOR AND WILL BECOME THE PROPERTY OF FARM LAND HOLDINGS AFTER THE COMPLETION OF CONTRACT T200912002.

EROSION & SEDIMENT CONTROL	
	COMPOST FILTER LOG
	COMPOST FILTER LOG / LENGTH
	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
	SILT FENCE - REINFORCED
	SUMP PIT
	SEDIMENT TRAP
	SEDIMENT TRAP
	SEDIMENT TRAP WITH INLET AS OUTLET
	SEDIMENT TRAP PIPE OUTLET
	STILLING WELL
	TEMPORARY SWALE / TYPE
	TEMPORARY SLOPE DRAIN
	TURBIDITY CURTAIN / LENGTH
	TURBIDITY CURTAIN

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\CS01.DGN [SHEET: CS01]



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Website



- NOTES:
- SEE INDIVIDUAL PHASING PLANS FOR PLACEMENT OF TEMPORARY WARNING SIGNS. FINAL LOCATION OF ALL PERMANENT WARNING SIGNS SHALL BE COORDINATED WITH THE ENGINEER.
 - 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.
 - ANY EXISTING SIGNS THAT CONFLICT WITH CONSTRUCTION WARNING SIGNS SHALL BE COVERED AS NEEDED, AS DIRECTED BY THE ENGINEER.
 - SIGN PLACEMENT TO BE COORDINATED WITH THE US 301 PROJECT.

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\CS02.DGN [SHEET: CS02]



ADDENDUMS / REVISIONS

NOT TO SCALE

JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD

CONTRACT	BRIDGE NO.
T200912002	
COUNTY	DESIGNED BY: JDS
NEW CASTLE	CHECKED BY: MAW

CONSTRUCTION PHASING, M.O.T.
AND EROSION CONTROL PLAN
PERMANENT WARNING SIGNS

SHEET NO.
65
TOTAL SHTS.
123

**SEQUENCE OF CONSTRUCTION
PHASE 0**

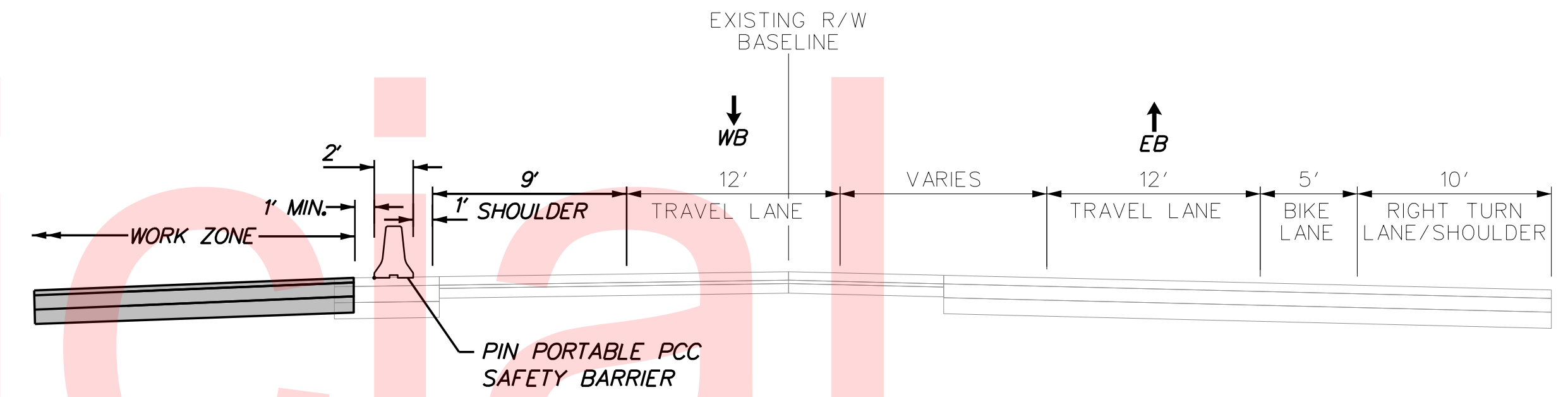
- ⑩ RELOCATE UTILITY POLES AND ASSOCIATED AERIAL FACILITIES. INSTALL WATER AND GAS LINES.

**SEQUENCE OF CONSTRUCTION
PHASE 1**

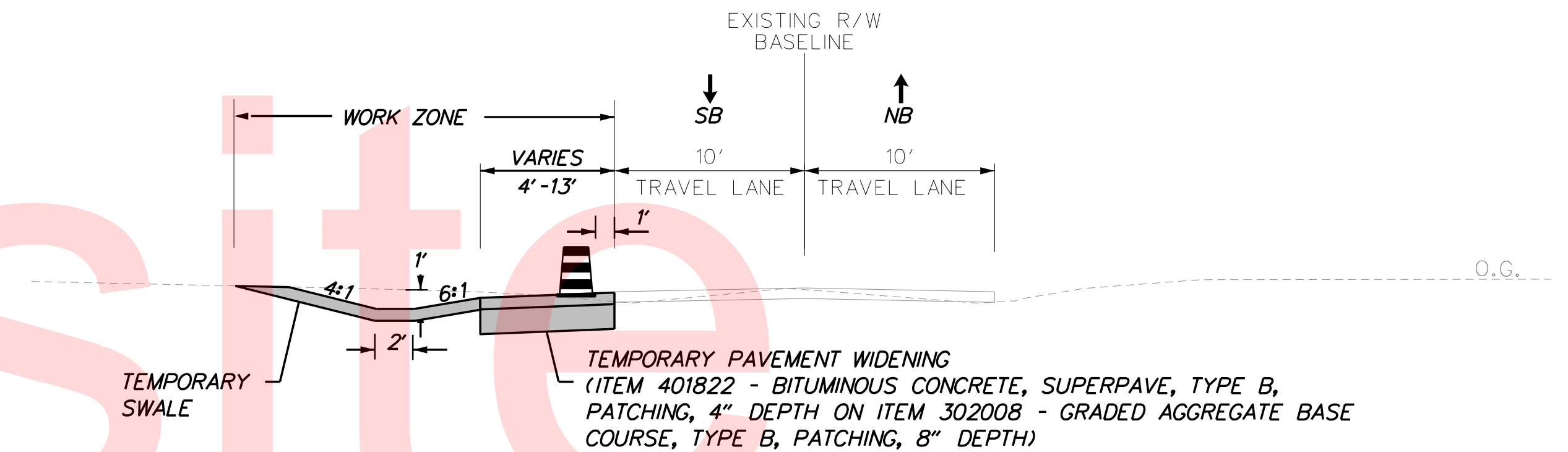
- ① PLACE ALL PERMANENT WARNING SIGNS AS SHOWN ON FIRST CONSTRUCTION PHASING, MOT AND EROSION CONTROL SHEET.
- ② PLACE ALL TEMPORARY WARNING SIGNS AND M.O.T DEVICES AS SHOWN. PLACE TEMPORARY PAVEMENT STRIPING AS SHOWN UNDER PHASE 1 TRAFFIC CONTROL.
- ③ INSTALL ALL EROSION AND SEDIMENT PERIMETER CONTROL AND STABILIZED CONSTRUCTION ENTRANCE MEASURES AS SHOWN.
- ④ INSTALL TEMPORARY SEDIMENT BASIN 4 UPSTREAM OF EXISTING CEDAR LANE POND NEAR STATION 329+00.
- ⑤ UTILIZING TA-11B, AS APPLICABLE, INSTALL CULVERT CROSSING BOYDS CORNER ROAD AT STATION 1030+31.
- ⑥ INSTALL HEADWALL AT STATION 1055+93.
- ⑦ INSTALL SEWER LINES.
- ⑧ UTILIZING A DETOURED WEEKEND CLOSURE, INSTALL CULVERTS CROSSING BOYDS CORNER ROAD AT STATION 1055+93. PLUG AND ABANDON EXISTING CULVERT WITH FLOWABLE FILL. RESUME EXISTING TRAVEL PATTERN ON BOYDS CORNER ROAD AFTER THE COMPLETION OF CULVERT INSTALLATION. THE ENGINEER OF THIS PROJECT SHALL COORDINATE WITH THE ENGINEER OF THE US 301 PROJECT REGARDING THE DETOUR ROUTE TIMING AND SIGNING.
- ⑨ CONSTRUCT SIGNAL POLE BASES, CONDUITS, AND OTHER SIGNAL SUPPORT FACILITIES AT THE BOYDS CORNER ROAD AND CEDAR LANE ROAD INTERSECTION. ADD A NEW SIGNAL AT THE INTERSECTION OF JAMISON CORNER ROAD AND CHAGALL ROAD. ALSO, CONSTRUCT LIGHTING POLE BASES AND CONDUITS ALONG PROPOSED JAMISON CORNER ROAD. SEE SIGNAL PHASING PLANS AND LIGHTING PLANS.
- ⑩ SAW CUT AND REMOVE PAVEMENT IN THE EAST SIDE OF THE EXISTING CHURCH PARKING LOT.
- ⑪ INSTALL CULVERT CROSSINGS EXISTING CHURCH ACCESS UTILIZING TA-10, AS APPLICABLE.
- ⑫ CONSTRUCT TEMPORARY DITCHING FROM NEAR DI-141 ALONG EXISTING CHURCH ACCESS TO DI-620 AND FROM HW-1 TO OS-600 WORKING UPSTREAM FROM ALL OUTFALL POINTS.
- ⑬ CONSTRUCT PART OF SWM BIO-RETENTION FACILITY 1B TO ACT AS TEMPORARY SEDIMENT BASIN 2. EXCAVATE SWM BIO-RETENTION FACILITY 1B TO TOP OF BIO-RETENTION MIX ONLY (EL. 62.50').
- ⑭ CONSTRUCT PART OF SWM BIO-RETENTION FACILITY 2 TO ACT AS TEMPORARY SEDIMENT BASIN 3. EXCAVATE TO TOP OF BIO-RETENTION MIX ONLY (EL. 59.00').
- ⑮ INSTALL DRAINAGE SYSTEMS 100, 500 (EXCEPT PIPES P-504/515/519/528/529/532/533/538/543, INLETS DI-504/519/527/528/532/533 AND FLARED END SECTION FES-500/506/507/509/512/513/514/517) AND 600. INSTALL P-524 CROSSING EXISTING JAMISON CORNER ROAD UTILIZING TA-10, AS APPLICABLE.

- ⑯ CONSTRUCT TEMPORARY DITCHING FROM EXISTING CROSS CULVERT AT STATION 349+90 LOCATED ON EXISTING JAMISON CORNER ROAD TO TEMPORARY PIPE P-580 WORKING UPSTREAM FROM EXISTING CROSS CULVERT. INSTALL TEMPORARY PIPE P-580 UTILIZING TA-10, AS APPLICABLE.
- ⑰ GRADE, EXCAVATE, AND INSTALL GABC AND UNDERDRAIN FOR PROPOSED ROADWAY FROM STATION 333+45 TO 336+13, STATION 336+60 TO STATION 352+14, WEST OF EXISTING ROADWAY, AND PROPOSED NEW COVENANT PRESBYTERIAN CHURCH ACCESS AND PARKING.
- ⑱ CONSTRUCT SIDEWALK, CURB AND GUTTER AS SHOWN.
- ⑲ PLACE HOT MIX PAVING SECTION UP TO TOP OF HOT-MIX B LAYER ON PROPOSED ROADWAY FROM STATION 333+45 TO STATION 336+13, STATION 336+60 TO STATION 352+14, PROPOSED CHURCH ACCESS AND PARKING LOT, AND RESIDENTIAL DRIVEWAY AT STATION 352+00. PLACE UP TO TOP OF HOT MIX C LAYER ON PROPOSED SHARED USE PATH, AND PROPOSED DRIVEWAY ENTRANCES ALONG PROPOSED JAMISON CORNER ROAD.
- ⑳ INSTALL TEMPORARY PAVEMENT WIDENING ON THE WEST SIDE OF THE JAMISON CORNER ROAD ALIGNMENT BETWEEN STATION 352+14 AND STATION 356+25 UTILIZING TA-10, AS APPLICABLE.
- ㉑ TIE INTO EXISTING PAVEMENT FROM STATION 349+20 TO STATION 352+14 WITH TEMPORARY PAVING.
- ㉒ CONSTRUCT TEMPORARY PAVEMENT CONNECTION FROM EXISTING JAMISON CORNER ROAD TO CHAGALL STREET. THE PAVEMENT SECTION SHALL CONSIST OF 8" GABC AND 3" TYPE B UTILIZING TA-10, AS APPLICABLE. CONTINUE TO PHASE 2 SEQUENCE OF CONSTRUCTION.

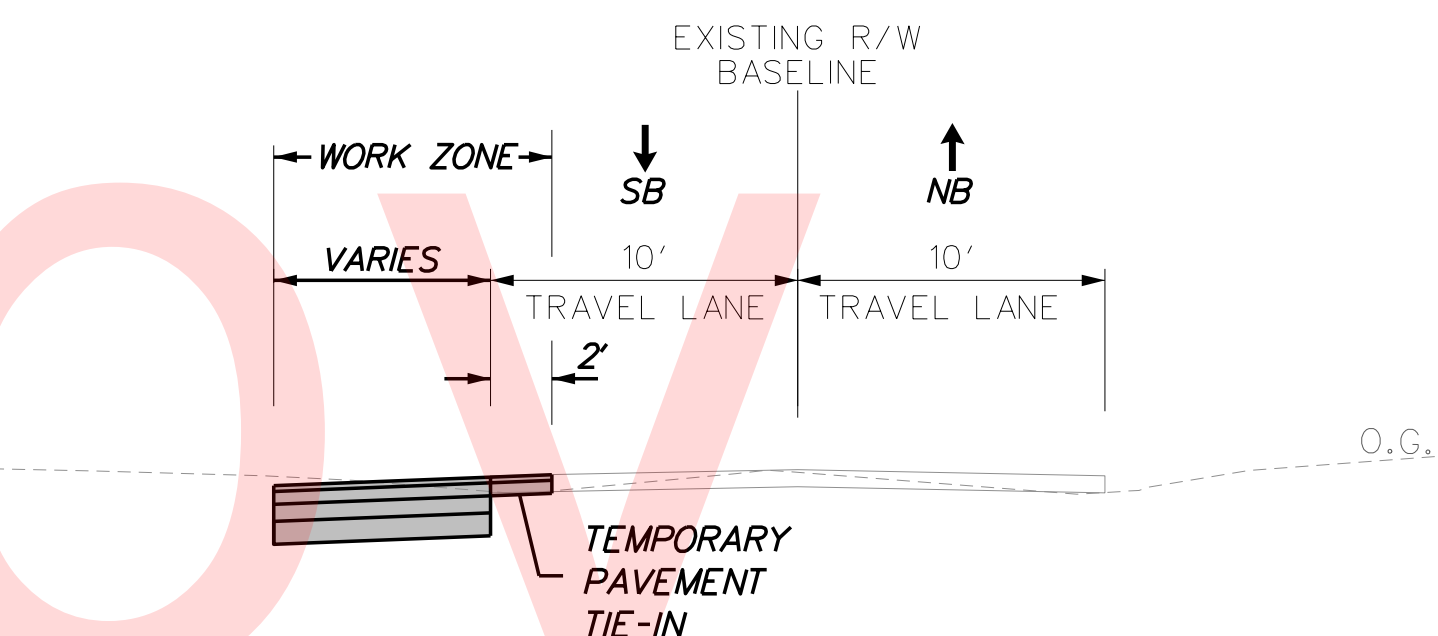
**MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS
PHASE 1**



**BOYDS CORNER ROAD
STATION 1029+25 TO STATION 1032+80**



**JAMISON CORNER ROAD
STATION 352+14 TO STATION 355+50**



**JAMISON CORNER ROAD
STATION 349+20 TO STATION 352+14**

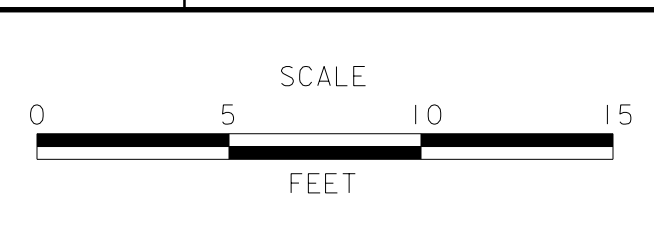
MAINTENANCE OF TRAFFIC LEGEND

- PLASTIC DRUMS
- PORTABLE P.C.C. SAFETY BARRIER
- SECTION TO BE CONSTRUCTED IN PHASE
- SECTION CONSTRUCTED IN PREVIOUS PHASE(S)

NOTE: FOR MARKING TYPE SEE PHASING PLAN SHEETS

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDTDOTS\TASK002_BOYDSCORNERROAD\CADD\CR\CS_TS01.DGN [SHEET: CS_TS01]

ADDENDUMS / REVISIONS



**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: CCG/JDS
	CHECKED BY: BPH

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

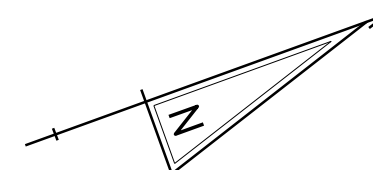
SHEET NO. 66
TOTAL SHTS. 123

TEMPORARY SEDIMENT TRAP SCHEDULE							
NO.	LENGTH	WIDTH	DEPTH	OUTLET TYPE	OUTLET INV.	WEIR LENGTH	CHANNEL DEPTH
4	355'	48'	2'	RIPRAP	57.50'	18'	2'

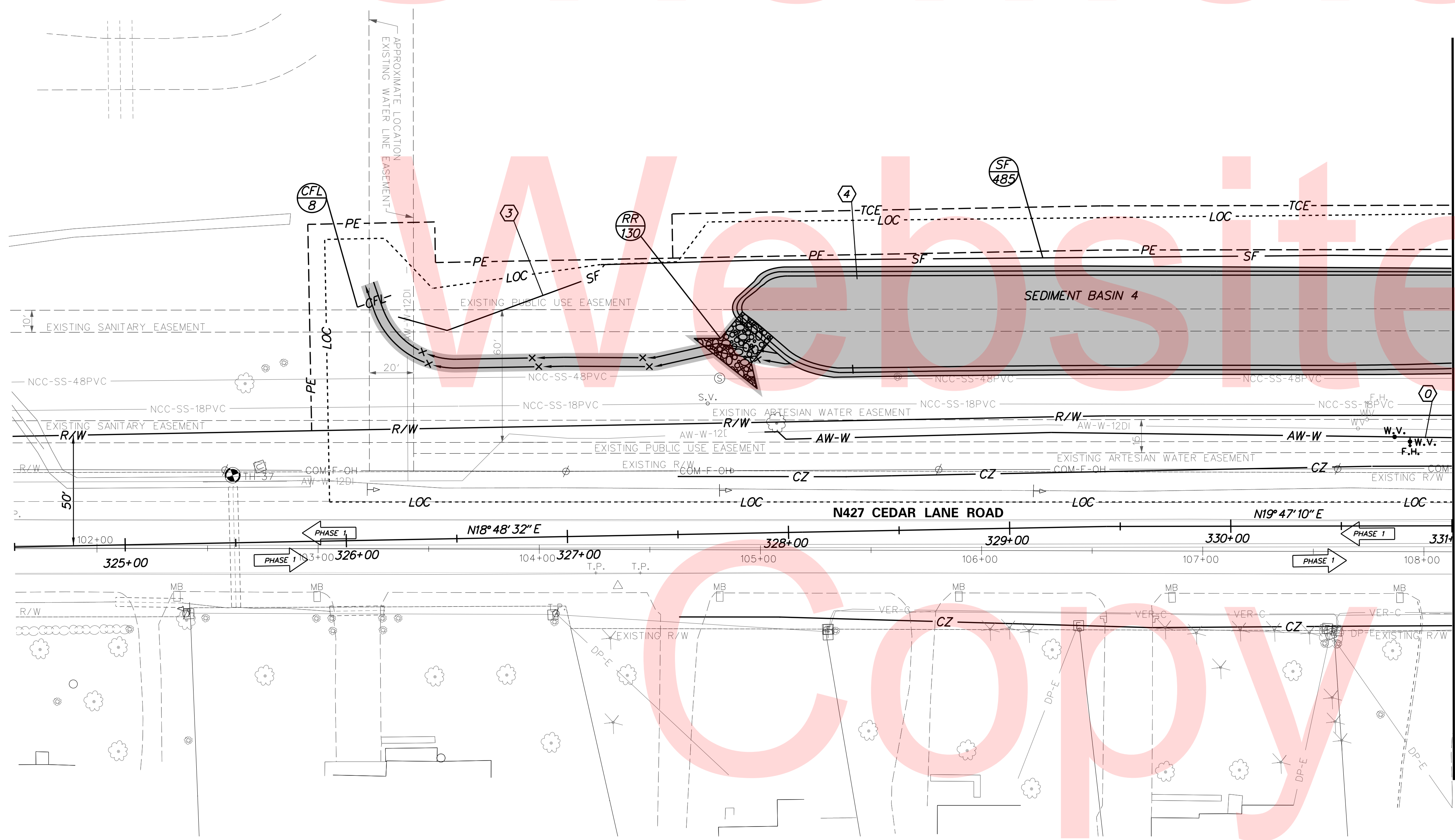
RIPRAP SCHEDULE		
NO.	TYPE	AREA
130	R-4	55 SY

* RIPRAP FOR SEDIMENT TRAP OUTLET

PHASE 1

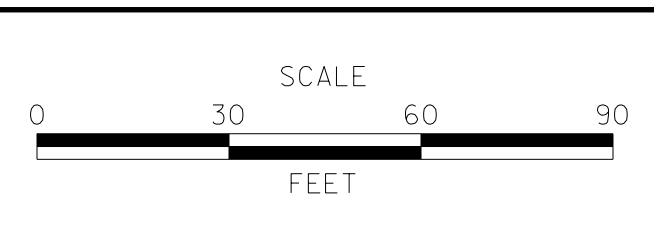


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PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CR_CADD\CR_CS_01_01.DGN [SHEET: CS_01_01]

ADDENDUMS / REVISIONS

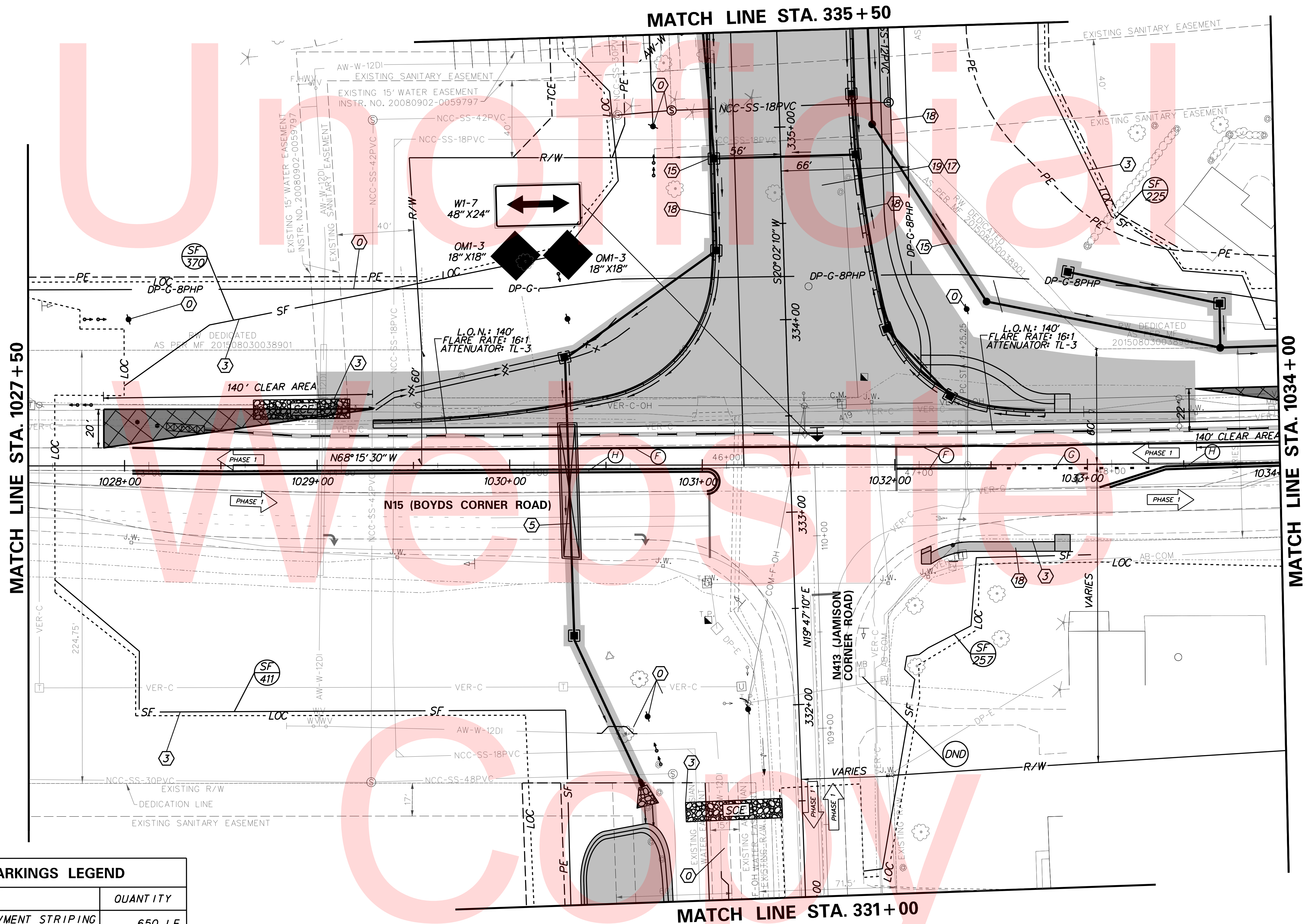
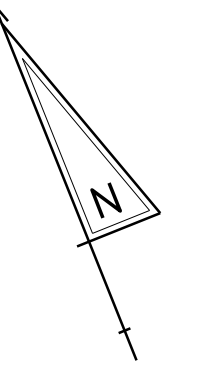


**JAMISON CORNER ROAD,
 RELOCATED AT
 BOYDS CORNER ROAD**

CONTRACT	BRIDGE NO.
T200912002	
COUNTY	DESIGNED BY: CCG/JDS
NEW CASTLE	CHECKED BY: BPH

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

SHEET NO.
67
TOTAL SHTS.
123

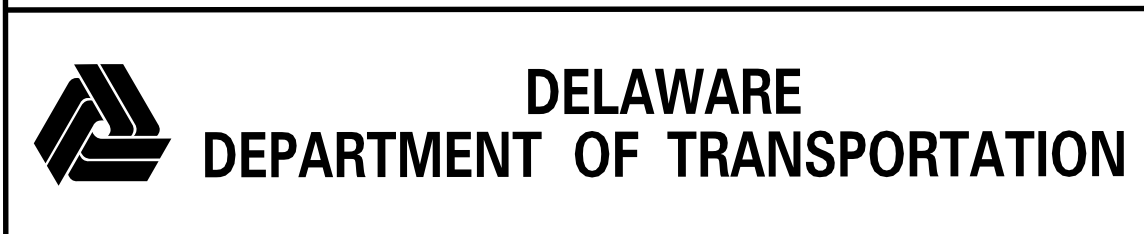


TEMPORARY PAVEMENT MARKINGS LEGEND		
SYMBOL	ITEM	QUANTITY
(F)	4" SOLID WHITE EPOXY RESIN PAVMENT STRIPING (ITEM 748506)	650 LF
(G)	4" WHITE AUXILIARY LANE LINE EPOXY RESIN PAVMENT STRIPING (2" STRIPE, 6" GAP) (ITEM 748506)	25 LF
(H)	4" - 6" - 4" SOLID DOUBLE YELLOW EPOXY RESIN PAVMENT STRIPING (ITEM 748506)	410 LF

SAFETY RUN-OUT AREA

- BASED ON 55MPH DESIGN SPEED AND UNDER 1,000 VEH/DAY.
- NO MATERIALS OR EQUIPMENT SHALL BE STORED BEHIND THE BARRIER WITHIN THE SHADED AREA.

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\NDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR_CS_01_02.DGN I SHEET: CS_01_02_1



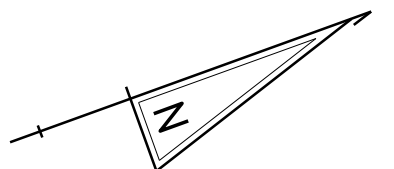
ADDENDUMS / REVISIONS

**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

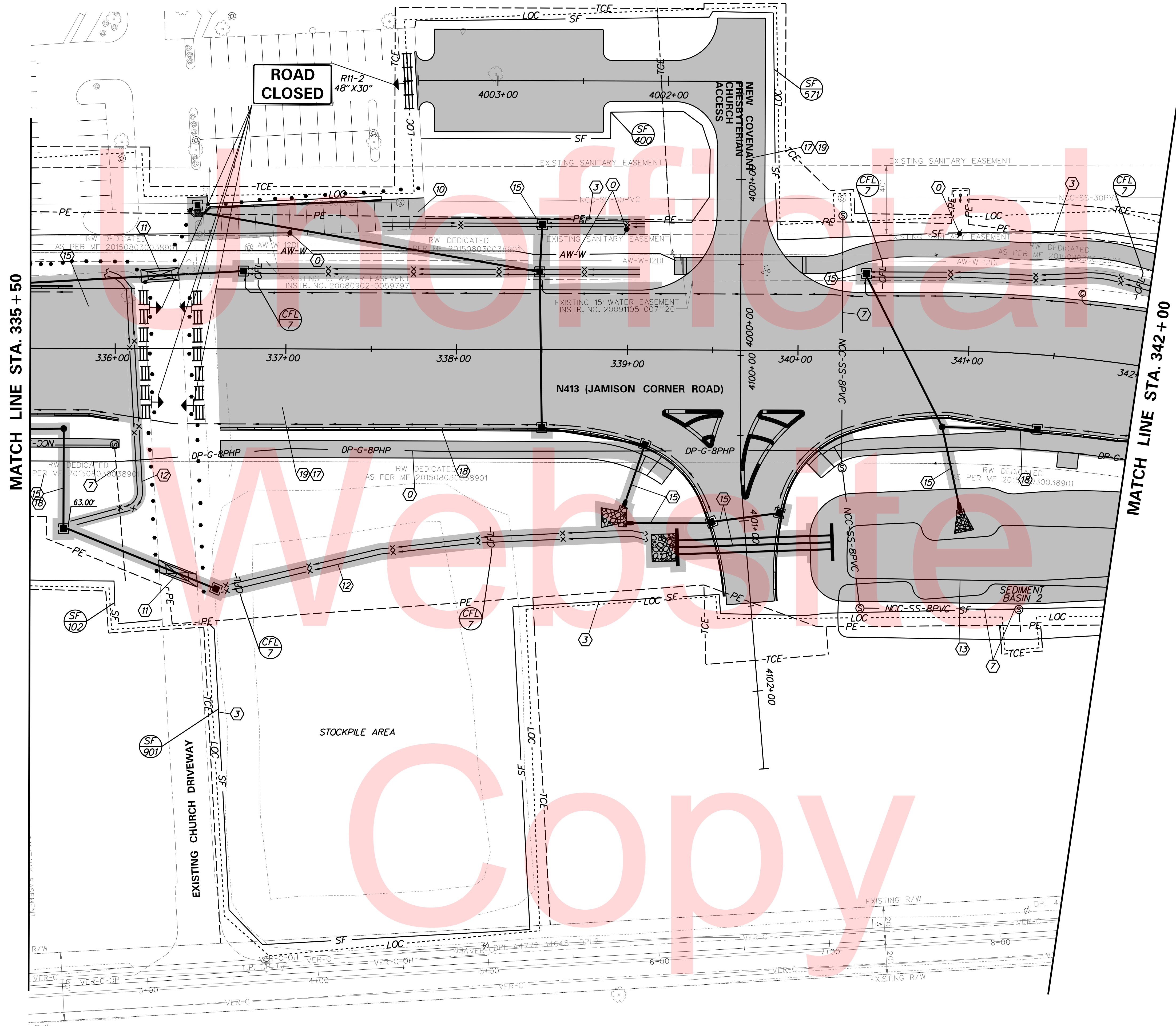
CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY:
	CHECKED BY: BPH

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

SHEET NO.	68
TOTAL SHTS.	123

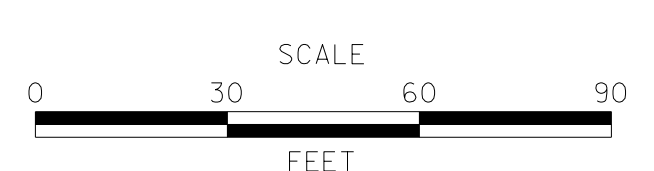


PHASE 1



MATCH LINE STA. 335+50

MATCH LINE STA. 342+00



JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD

CONTRACT	BRIDGE NO.	CGG/JDS
T200912002		
COUNTY	DESIGNED BY:	
NEW CASTLE	CHECKED BY:	BPH

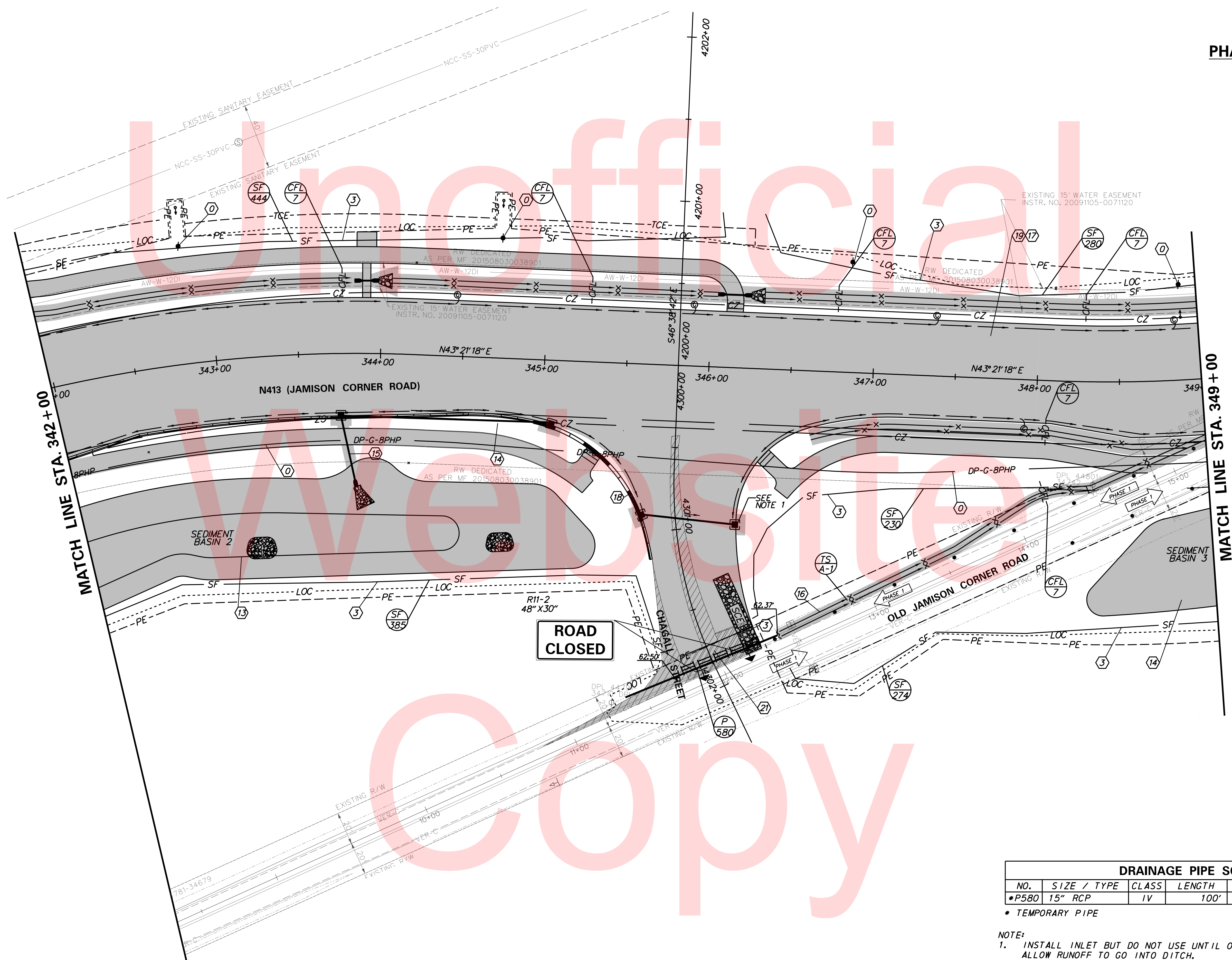
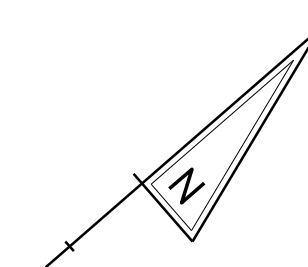
CONSTRUCTION PHASING,
M.O.T., AND EROSION
CONTROL PLAN

SHEET NO.	69
TOTAL SHTS.	123

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR_VCS_01_03.DGN [SHEET: CS_01_03]



ADDENDUMS / REVISIONS



**ROAD
CLOSED**

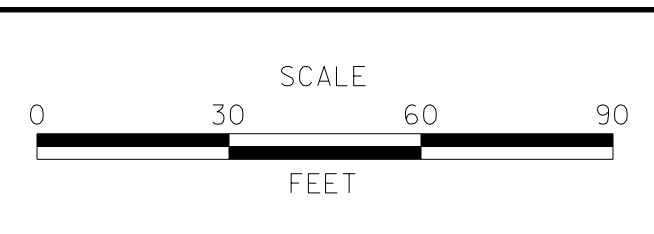
DRAINAGE PIPE SCHEDULE						
NO.	SIZE / TYPE	CLASS	LENGTH	SLOPE	INV. EL.	DIS. EL.
*P580	15" RCP	IV	100'	0.0019	62.56	62.37

* TEMPORARY PIPE

NOTE:
1. INSTALL INLET BUT DO NOT USE UNTIL OUTFALL IS INSTALLED IN PHASE 2. ALLOW RUNOFF TO GO INTO DITCH.

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\CS_01_04.DGN [SHEET: CS_01_04]

ADDENDUMS / REVISIONS

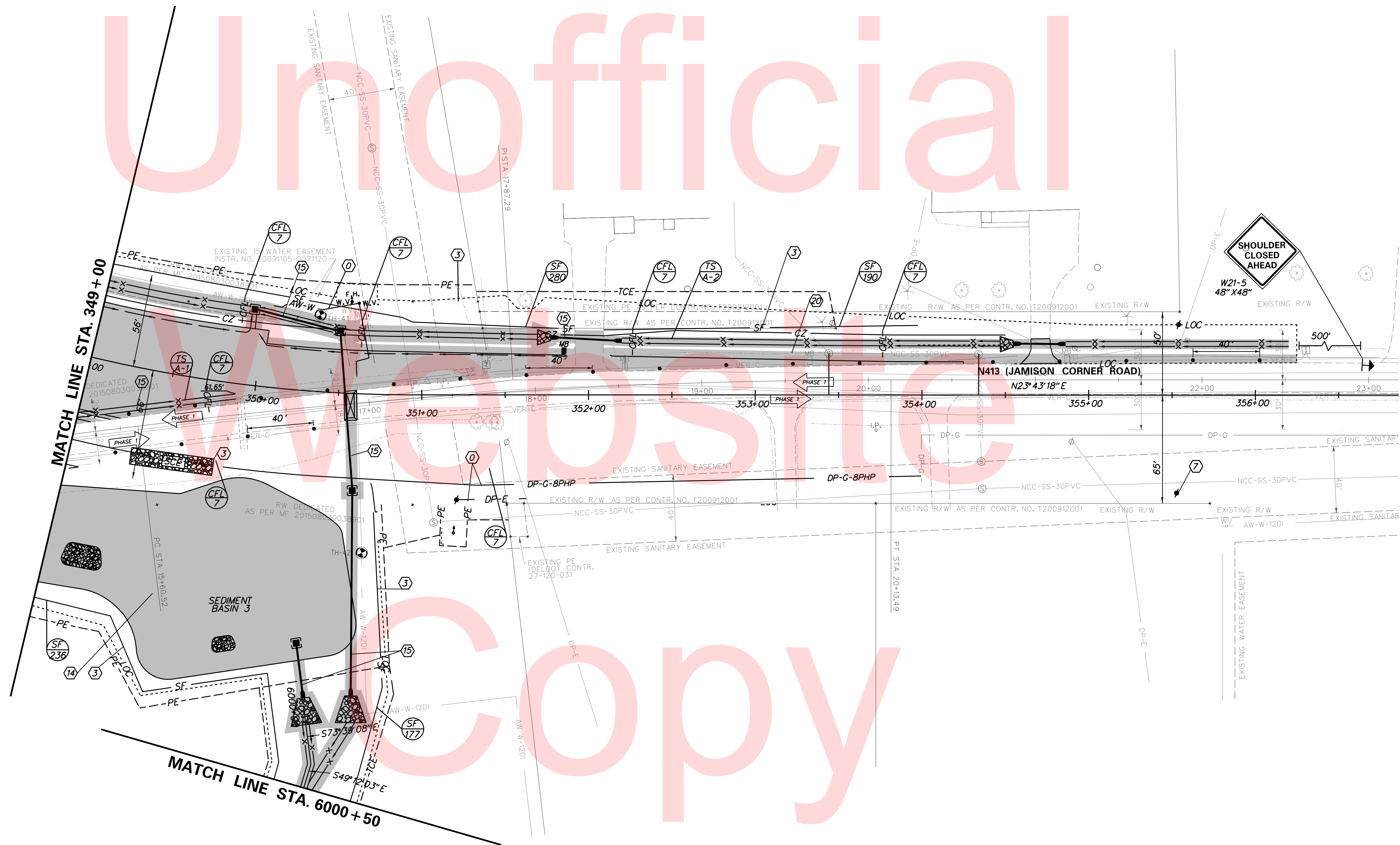
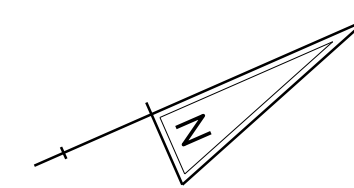


**JAMISON CORNER ROAD,
 RELOCATED AT
 BOYDS CORNER ROAD**

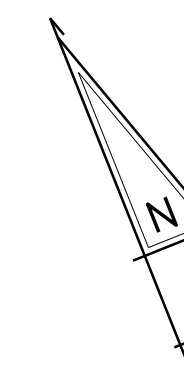
CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: CCG/JDS
	CHECKED BY: BPH

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

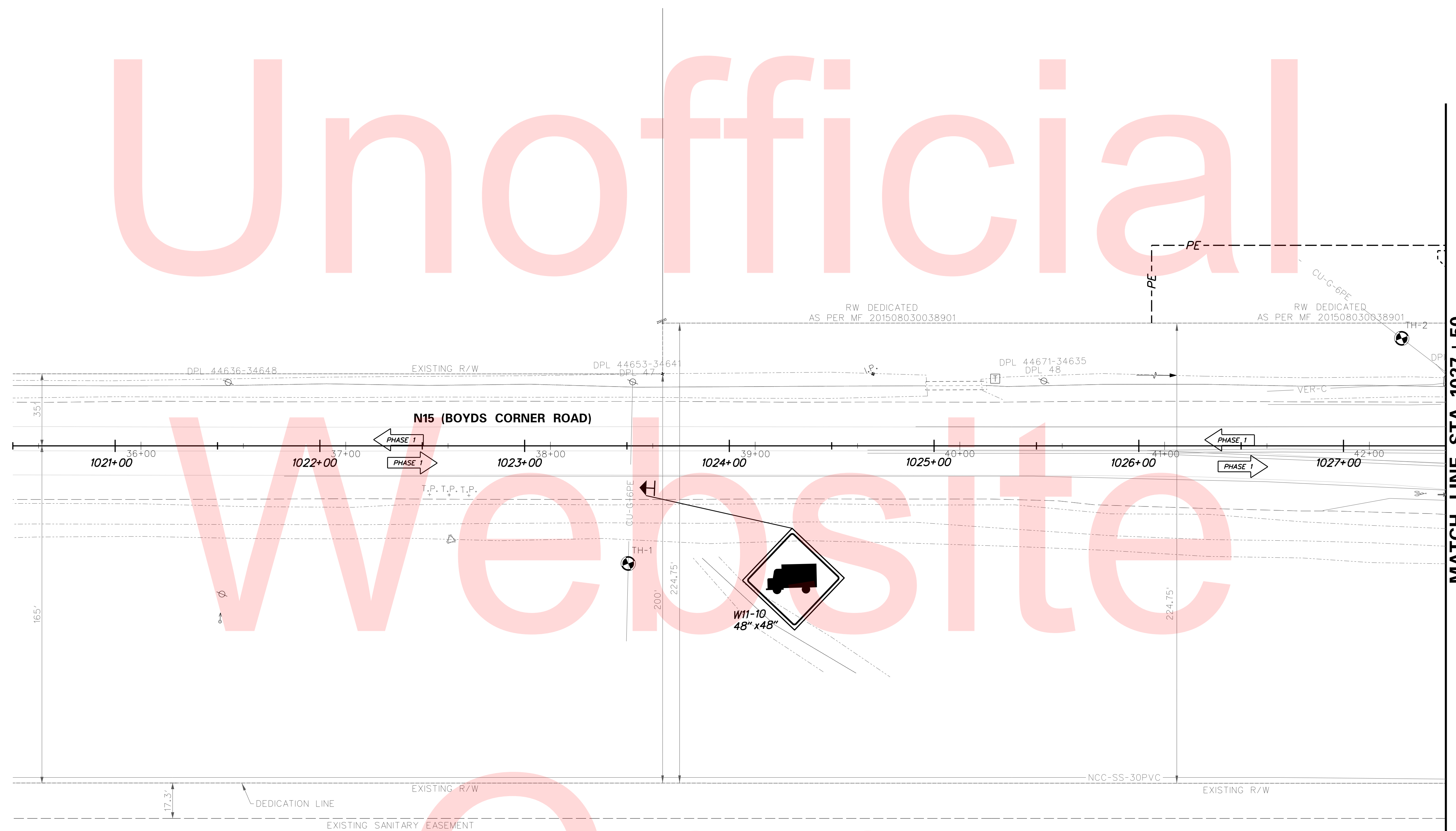
SHEET NO. 70
TOTAL SHTS. 123



PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR_VCS_01_05.DGN [SHEET: CS_01_05]



Unofficial



Website

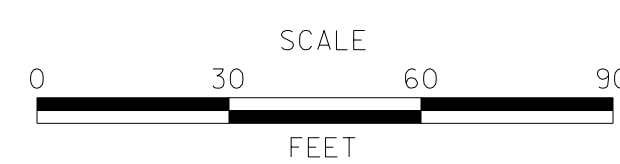
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FILE SHEET: CS_01_08_1

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\CS_01_08.DGN



ADDENDUMS / REVISIONS



JAMISON CORNER ROAD,
 RELOCATED AT
 BOYD'S CORNER ROAD

CONTRACT	BRIDGE NO.
T200912002	
COUNTY	DESIGNED BY: CGG/JDS
NEW CASTLE	CHECKED BY: BPH

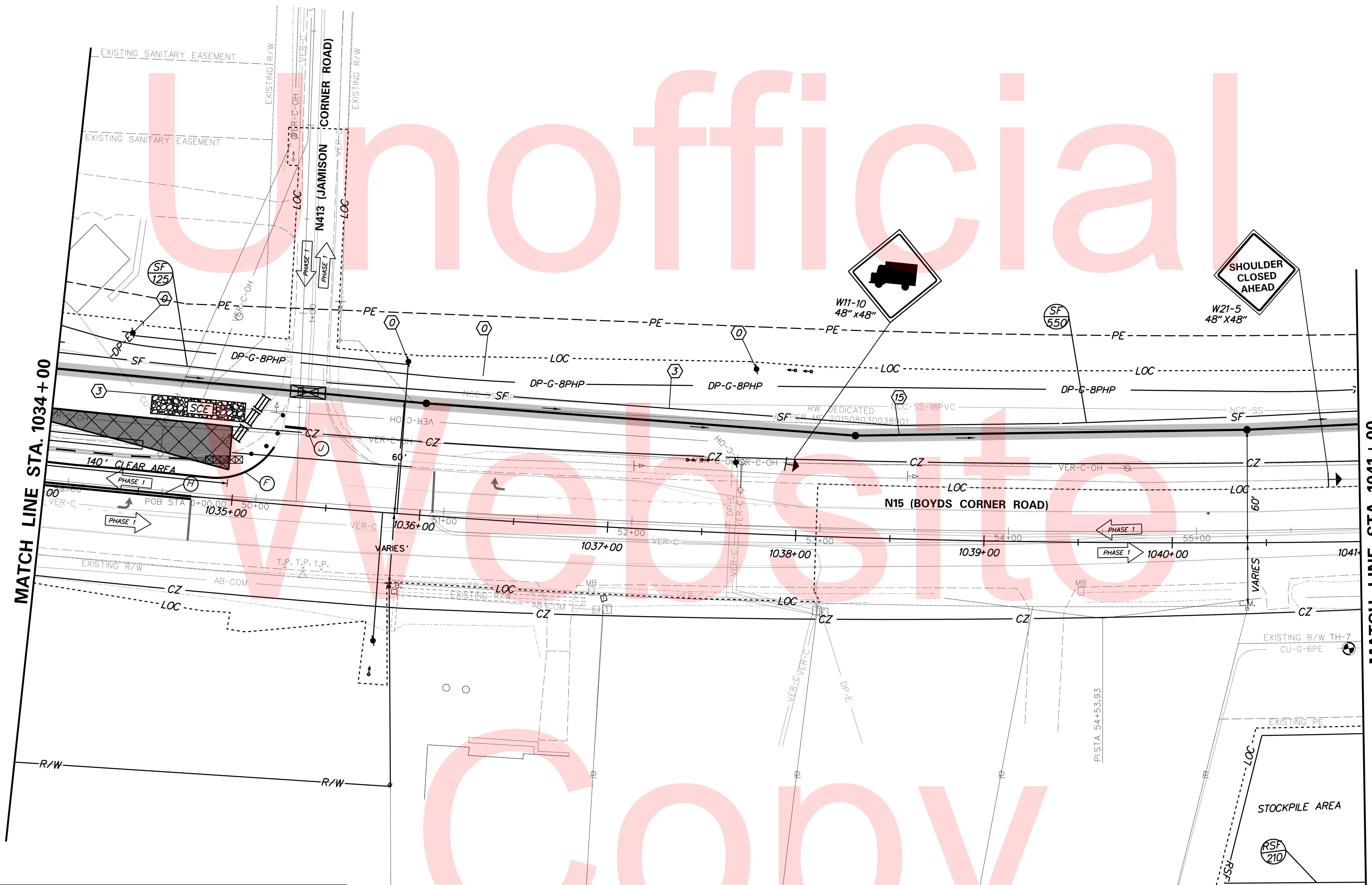
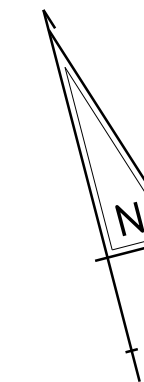
CONSTRUCTION PHASING,
 M.O.T., AND EROSION
 CONTROL PLAN

SHEET NO.
72
TOTAL SHTS.
123

CONSTRUCTION PHASING LEGEND

 CLEAR AREA

PHASE 1



TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM	QUANTITY
Ⓢ	4" SOLID WHITE EPOXY RESIN PAVMENT STRIPING (ITEM 748506)	130 LF
Ⓜ	4"-6"-4" SOLID DOUBLE YELLOW EPOXY RESIN PAVMENT STRIPING (ITEM 748506)	80 LF
Ⓝ	16" SOLID WHITE EPOXY RESIN PAVMENT STRIPING (ITEM 748506)	15 LF

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELTDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR_VCS_01_09.DGN [SHEET: CS_01_09]



ADDENDUMS / REVISIONS

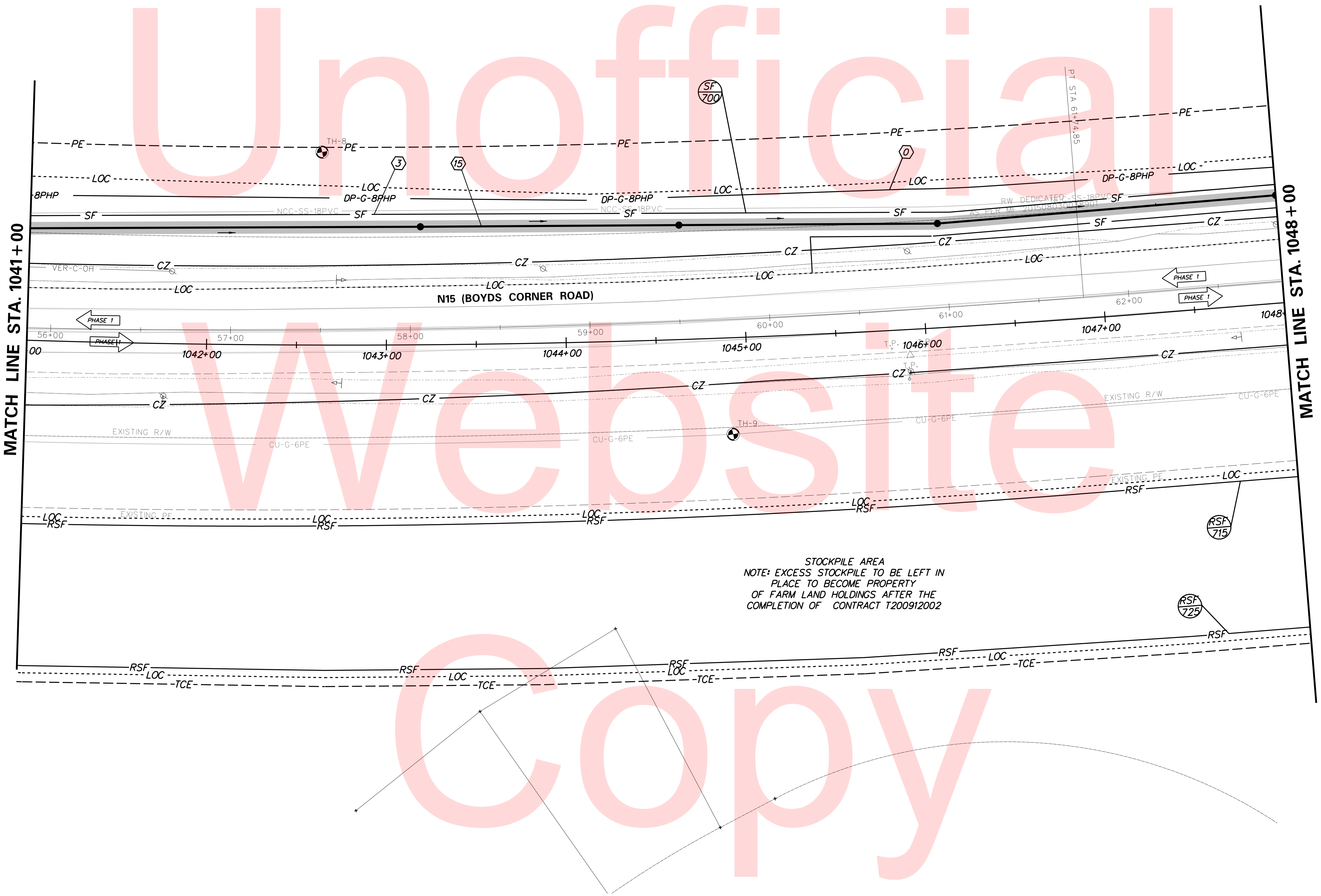


**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: CCG/JDS
	CHECKED BY: BPH

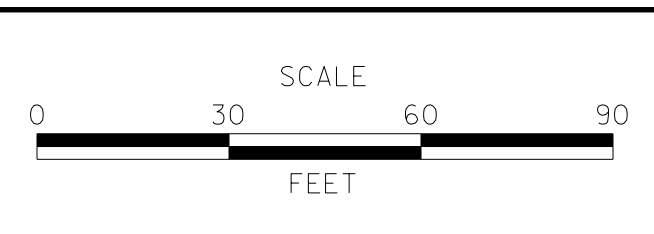
**CONSTRUCTION PHASING,
M.O.T., AND EROSION
CONTROL PLAN**

SHEET NO. 73
TOTAL SHTS. 123



PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\CS_01_10.DGN [SHEET: CS_01_10]

ADDENDUMS / REVISIONS	

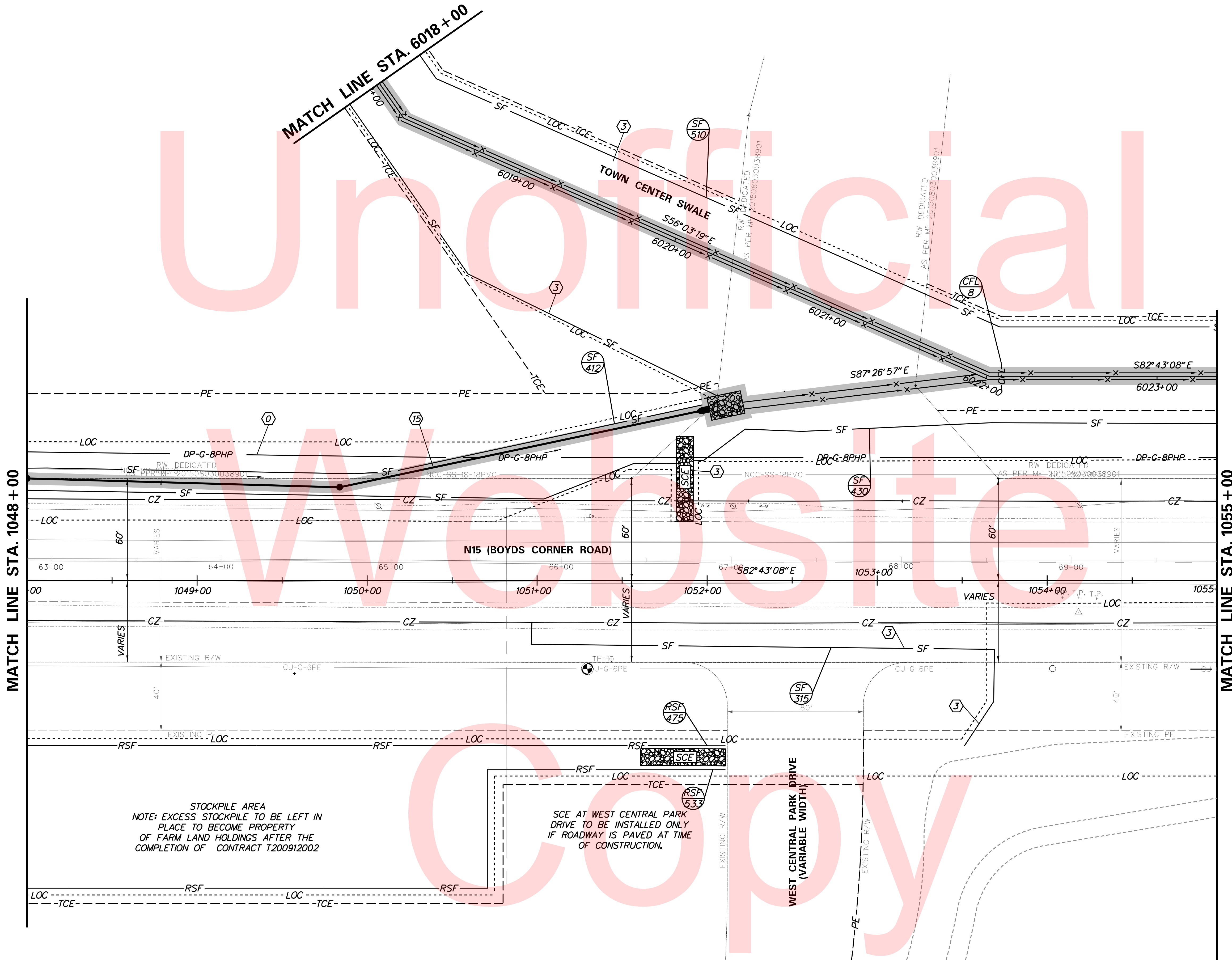
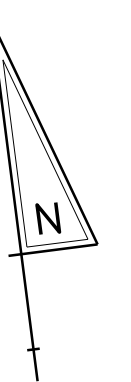


**JAMISON CORNER ROAD,
 RELOCATED AT
 BOYDS CORNER ROAD**

CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: CCG/JDS
	CHECKED BY: BPH

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

SHEET NO. 74
TOTAL SHTS. 123

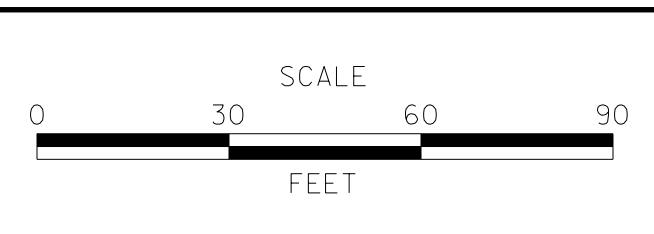


STOCKPILE AREA
 NOTE: EXCESS STOCKPILE TO BE LEFT IN PLACE TO BECOME PROPERTY OF FARM LAND HOLDINGS AFTER THE COMPLETION OF CONTRACT T200912002

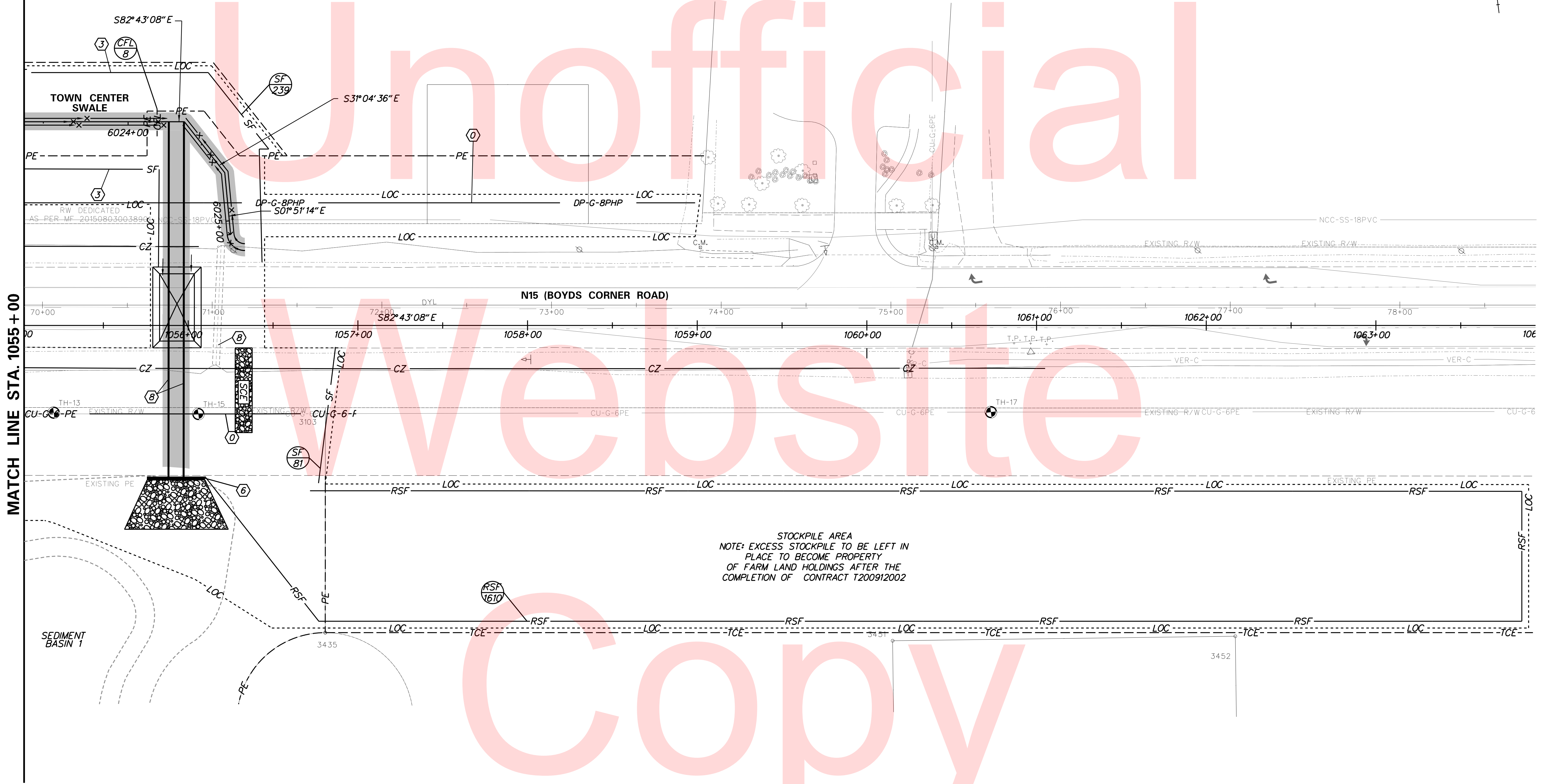
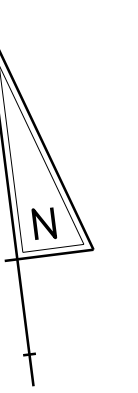
SCE AT WEST CENTRAL PARK DRIVE TO BE INSTALLED ONLY IF ROADWAY IS PAVED AT TIME OF CONSTRUCTION.

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\COR_CADD_JCR_VCS_01_11.DGN [SHEET: CS_01_11]

ADDENDUMS / REVISIONS	



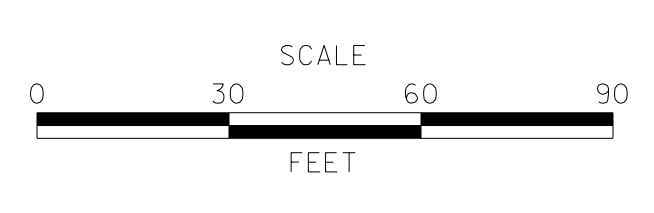
CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: CGG/JDS
	CHECKED BY: BPH



MATCH LINE STA. 1055 + 00

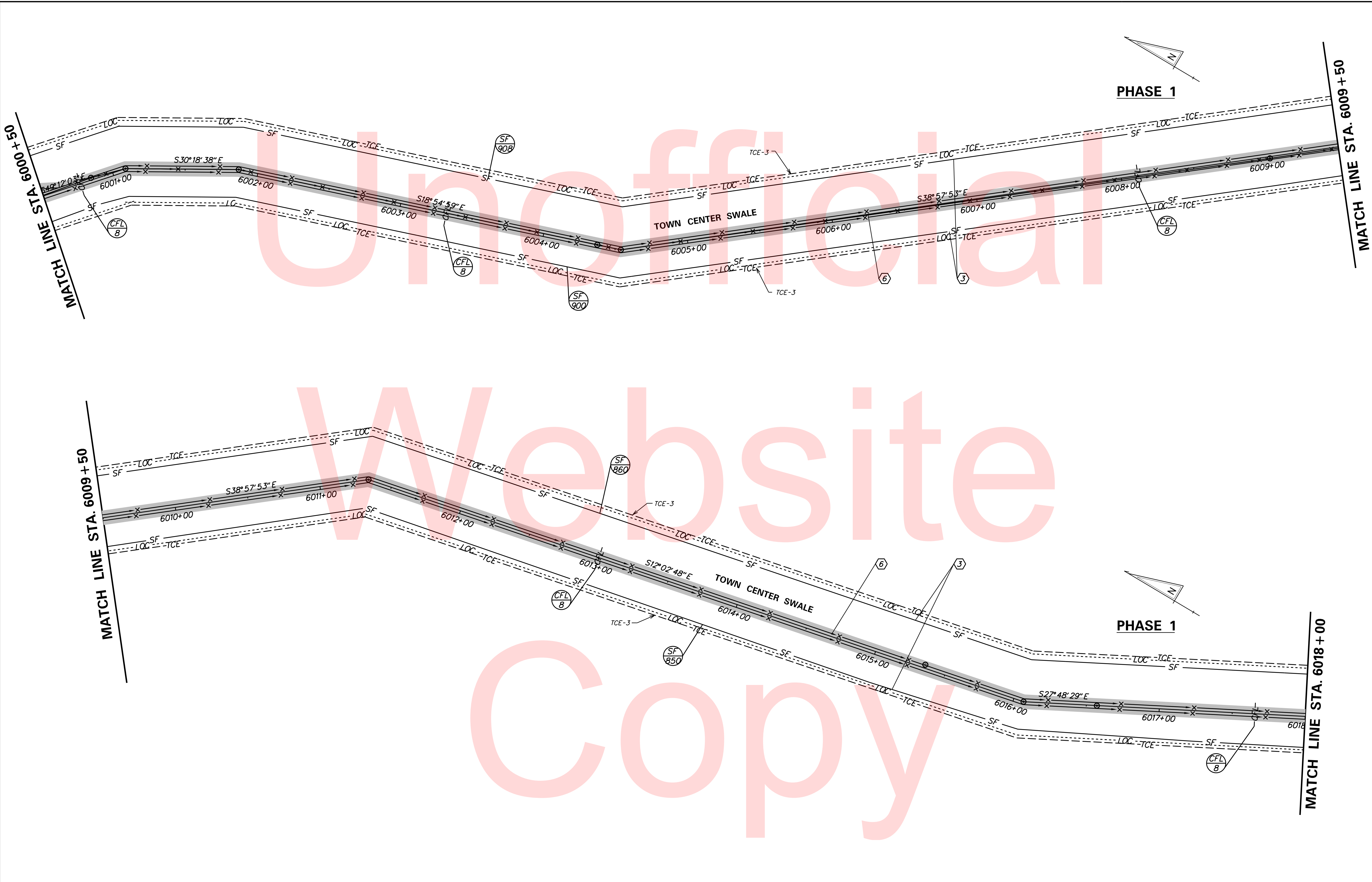
PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\CS_01_12.DGN [SHEET: CS_01_12]

ADDENDUMS / REVISIONS	

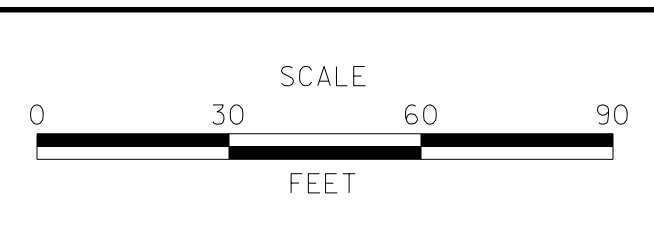


CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: CCG/JDS
	CHECKED BY: BPH

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\JCR\CS_01_13.DGN [SHEET: CS_01_13]



ADDENDUMS / REVISIONS	



**JAMISON CORNER ROAD,
 RELOCATED AT
 BOYDS CORNER ROAD**

CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: CCG/JDS
	CHECKED BY: BPH

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

SHEET NO. 77
TOTAL SHTS. 123




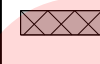
**PHASE 2
SEQUENCE OF CONSTRUCTION**

- 23 REMOVE EXISTING STRIPING AS NECESSARY. PLACE ALL TEMPORARY WARNING SIGNS AND M.O.T DEVICES AS SHOWN. PLACE TEMPORARY PAVEMENT STRIPING AS SHOWN UNDER PHASE 2 TRAFFIC CONTROL.
- 24 INSTALL ALL EROSION AND SEDIMENT PERIMETER CONTROL AND STABILIZED CONSTRUCTION ENTRANCES MEASURES AS SHOWN.
- 25 ACCESS TO DRIVEWAYS ALONG JAMISON CORNER ROAD DURING CONSTRUCTION SHALL BE MAINTAINED. THE CONTRACTOR SHALL NOTIFY RESIDENTS TWO (2) WEEKS IN ADVANCE OF ROAD CLOSURE.
- 26 REMOVE SKIMMER DEWATERING DEVICE FROM CEDAR LANE ROAD POND AND REMOVE TEMPORARY SEDIMENT TRAP FOLLOWING STABILIZATION OF ALL DISTURBED AREAS WITH TOPSOIL, SEED AND MULCH. THE AREAS THAT DRAIN TO THE CEDAR LANE POND NEED TO HAVE A PERMANENT STAND OF GRASS PRIOR TO REMOVAL OF THE SKIMMER DEWATERING DEVICE. INSTALL SWALE.
- 27 REMOVE STABILIZED CONSTRUCTION ENTRANCE AT STATION 350+00.
- 28 INSTALL DRAINAGE PIPES P-504/515/519/528/529/532/533/538/543, INLETS DI-504/519/527/528/532/533 AND FLARED END SECTION FES-500/506/507/509/512/513/514/517.
- 29 REMOVE EXISTING PAVEMENT, GRADE, EXCAVATE, AND INSTALL GABC AND UNDERDRAIN FROM STATION 336+11 TO STATION 336+63, FROM STATION 349+00 TO STATION 354+20, AND CHURCH PARKING LOT. CONSTRUCT CURB AND GUTTER. GRADE, EXCAVATE, AND CONSTRUCT DRAINAGE DITCHES FROM STATION 348+00 TO STATION 356+20.
- 30 REMOVE EXISTING JAMISON CORNER ROAD PAVEMENT, STA. 12+40 TO STA. 15+00.
- 31 CONSTRUCT BIO-RETENTION AREAS 1A, 1B, 2 IN THEIR ENTIRETY AND PLACE BIO-RETENTION MIX. ALL SWALES THAT DRAIN TO THE BIORETENTION AREA NEED TO HAVE A PERMANENT STAND OF GRASS PRIOR TO THE PLACEMENT OF THE BIO-RETENTION SOIL MIX.
- 32 PLACE HOT-MIX PAVING SECTION UP TO TOP OF HOT-MIX TYPE B LAYER FROM STATION 349+00 TO STATION 354+20, AND ON DRIVEWAY ALONG PROPOSED JAMISON CORNER ROAD.
- 33 INSTALL 4' TEMPORARY PAVEMENT WIDENING ON THE EAST SIDE OF THE JAMISON CORNER ROAD ALIGNMENT BETWEEN STATION 352+00 AND STATION 356+25.
- 34 STABILIZE ALL DISTURBED AREAS WITH TOPSOIL SEED AND MULCH PRIOR TO REMOVAL OF SEDIMENT CONTROL DEVICES AND SWITCH TO PHASE 2A CONTROL.

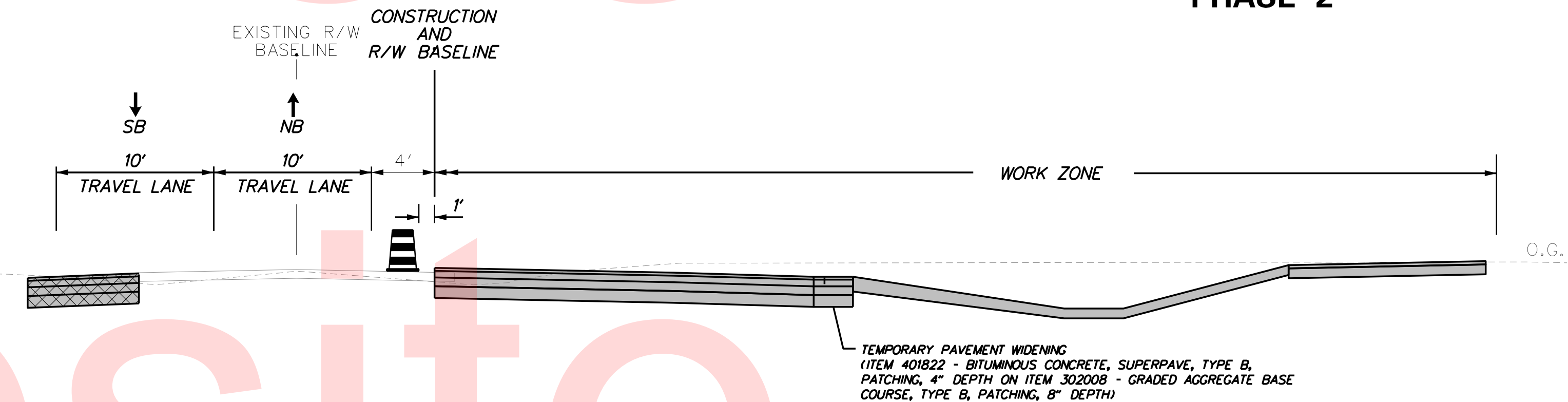
**PHASE 3
SEQUENCE OF CONSTRUCTION**

- 42 INSTALL ALL EROSION AND SEDIMENT PERIMETER CONTROL AND STABILIZED CONSTRUCTION ENTRANCES MEASURES AS SHOWN.
- 43 ACCESS TO DRIVEWAYS ALONG JAMISON CORNER ROAD DURING CONSTRUCTION SHALL BE MAINTAINED. THE CONTRACTOR SHALL NOTIFY RESIDENTS TWO (2) WEEKS IN ADVANCE OF ROAD CLOSURE.
- 44 ONCE THE REALIGNED JAMISON CORNER ROAD IS OPEN TO TRAFFIC AND THE TRAFFIC SIGNAL IS OPERATIONAL AT BOYDS CORNER ROAD AND CEDAR LANE ROAD INTERSECTION, THE TEMPORARY TRAFFIC SIGNAL AT JAMISON CORNER ROAD AND BOYDS CORNER ROAD IS TO BE REMOVED AND RETURNED TO DELDOT TRAFFIC - DOVER, DE.
- 45 REMOVE TEMPORARY PAVEMENT ON THE EAST SIDE OF THE JAMISON CORNER ROAD ALIGNMENT IN ITS ENTIRETY, UTILIZING TA-3 AND TA-10 AS APPLICABLE.
- 46 SAWCUT AND EXCAVATE LIMITS OF PROPOSED ISLAND FROM STATION 349+75 TO STATION 351+75. GRADE, INSTALL GABC AND CONCRETE MEDIAN, UTILIZING TA-3 AND TA-10 AS APPLICABLE. GRADE, INSTALL GABC AND CONCRETE CHANNELIZED ISLANDS AT INTERSECTION OF CHAGALL STREET AND REALIGNED JAMISON CORNER ROAD. GRADE, INSTALL GABC AND CONCRETE MEDIAN ALONG CHAGALL STREET FROM 349+75 TO STATION 351+75.
- 47 MILL BOYDS CORNER ROAD, PERFORM FINAL LIFT OF TYPE C WARM-MIX TO THE TOP OF JAMISON CORNER ROAD AND BOYDS CORNER ROAD.
- 48 INSTALL PERMANENT PAVING STRIPING ALONG JAMISON CORNER ROAD.
- 49 SAWCUT AND REMOVE PORTIONS OF EXISTING JAMISON CORNER ROAD, TO CREATE DRIVEWAY ACCESS AS SHOWN IN THE CONSTRUCTION PLANS.
- 50 REMOVE TEMPORARY AND EXISTING PAVEMENT AT THE INTERSECTION OF EXISTING JAMISON CORNER ROAD AND CHANGALL STREET.
- 51 STABILIZE ALL DISTURBED AREAS WITH TOPSOIL, SEED AND MULCH PRIOR TO THE REMOVAL OF SEDIMENT CONTROL DEVICES.
- 52 REMOVE ALL REMAINING M.O.T. DEVICES.

MAINTENANCE OF TRAFFIC LEGEND

-  PLASTIC DRUMS
 -  PORTABLE P.C.C. SAFETY BARRIER
 -  SECTION TO BE CONSTRUCTED IN PHASE
 -  SECTION CONSTRUCTED IN PREVIOUS PHASE(S)
- NOTE: FOR MARKING TYPE SEE PHASING PLAN SHEETS

**MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS
PHASE 2**

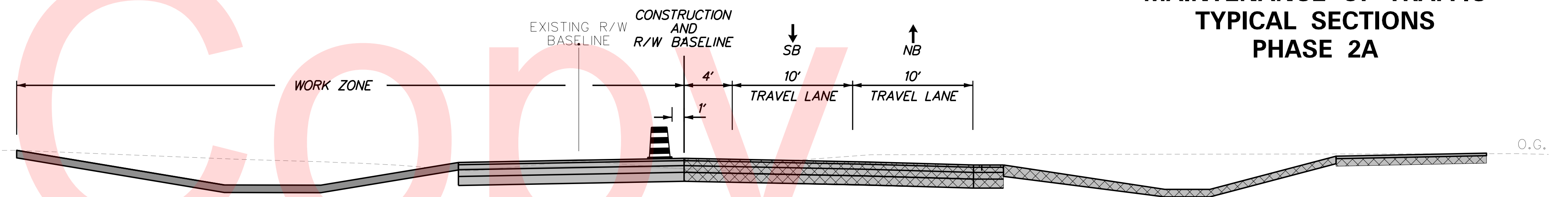


**JAMISON CORNER ROAD
STATION 348+00 TO STATION 354+20**

**PHASE 2A
SEQUENCE OF CONSTRUCTION**

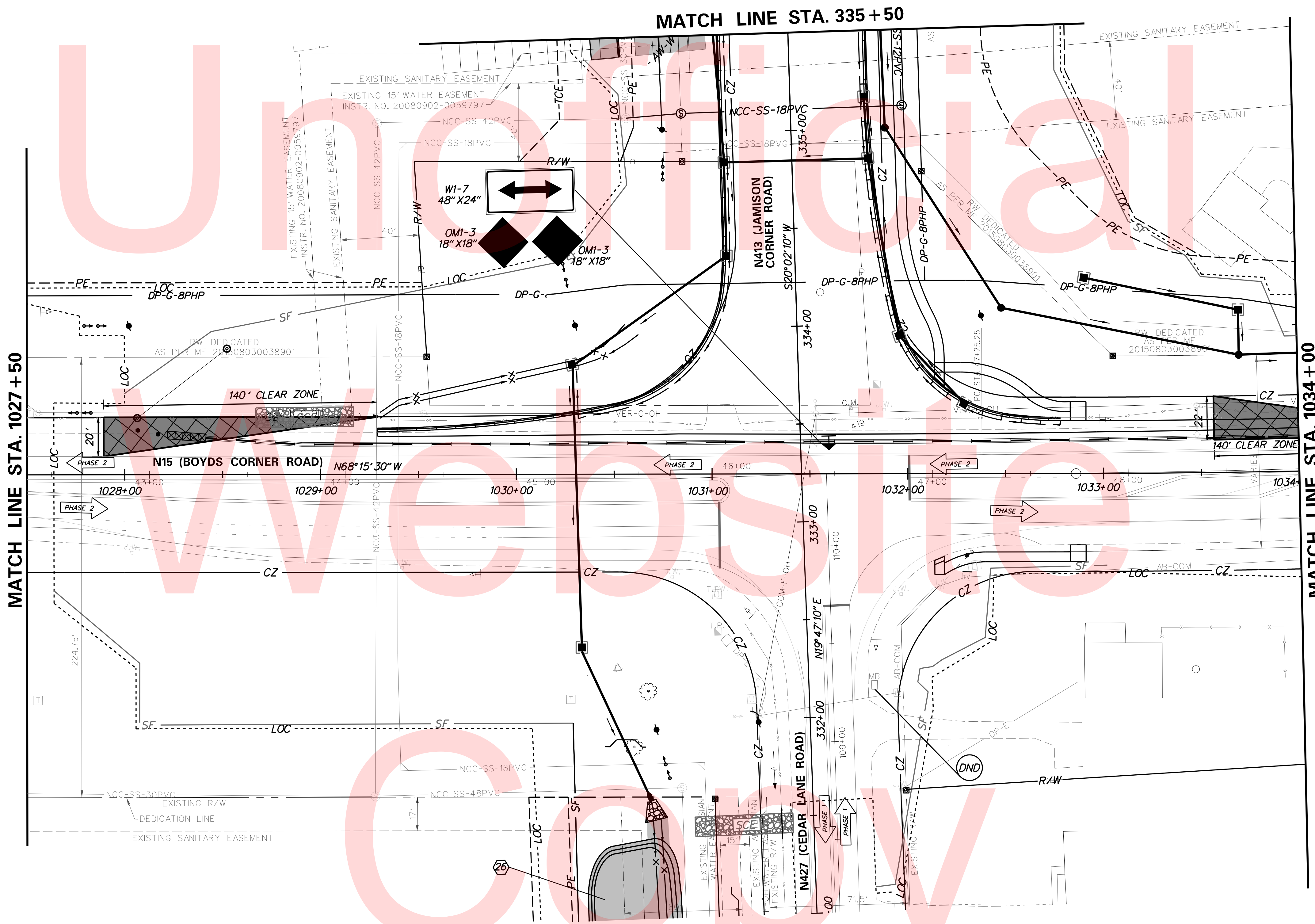
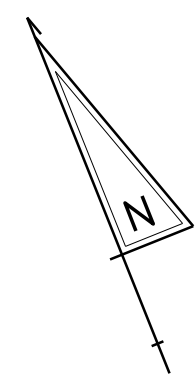
- 35 REMOVE EXISTING STRIPING AS NECESSARY. PLACE ALL TEMPORARY WARNING SIGNS AND M.O.T DEVICES AS SHOWN. PLACE TEMPORARY PAVEMENT STRIPING AS SHOWN UNDER PHASE 2 TRAFFIC CONTROL.
- 36 INSTALL ALL EROSION AND SEDIMENT PERIMETER CONTROL AND STABILIZED CONSTRUCTION ENTRANCES MEASURES AS SHOWN.
- 37 ACCESS TO DRIVEWAYS ALONG JAMISON CORNER ROAD DURING CONSTRUCTION SHALL BE MAINTAINED. THE CONTRACTOR SHALL NOTIFY RESIDENTS TWO (2) WEEKS IN ADVANCE OF ROAD CLOSURE.
- 38 REMOVE EXISTING PAVEMENT, GRADE, EXCAVATE, AND INSTALL GABC AND UNDERDRAIN FROM STATION 352+18 TO STATION 355+82. CONSTRUCT CURB AND GUTTER AS SHOWN.
- 39 REMOVE TEMPORARY PAVEMENT ON THE WEST SIDE OF THE JAMISON CORNER ROAD ALIGNMENT IN ITS ENTIRETY. GRADE, EXCAVATE, AND CONSTRUCT DRAINAGE DITCHES FROM STATION 348+00 TO STATION 356+20.
- 40 PLACE HOT-MIX PAVING SECTION UP TO TOP OF HOT-MIX TYPE B LAYER FROM STATION 350+50 TO STATION 354+20, AND ON DRIVEWAY ALONG PROPOSED JAMISON CORNER ROAD.
- 41 STABILIZE ALL DISTURBED AREAS WITH TOPSOIL SEED AND MULCH PRIOR TO REMOVAL OF SEDIMENT CONTROL DEVICES AND SWITCH TO PHASE 2B CONTROL.

**MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS
PHASE 2A**



**JAMISON CORNER ROAD
STATION 350+50 TO STATION 354+20**

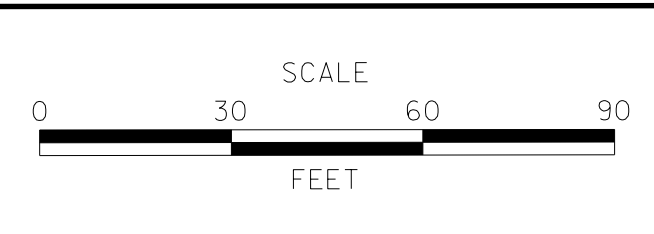
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PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\NDE\060272_000DELDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR_CS_02_02.DGN [SHEET: CS_02_02]

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

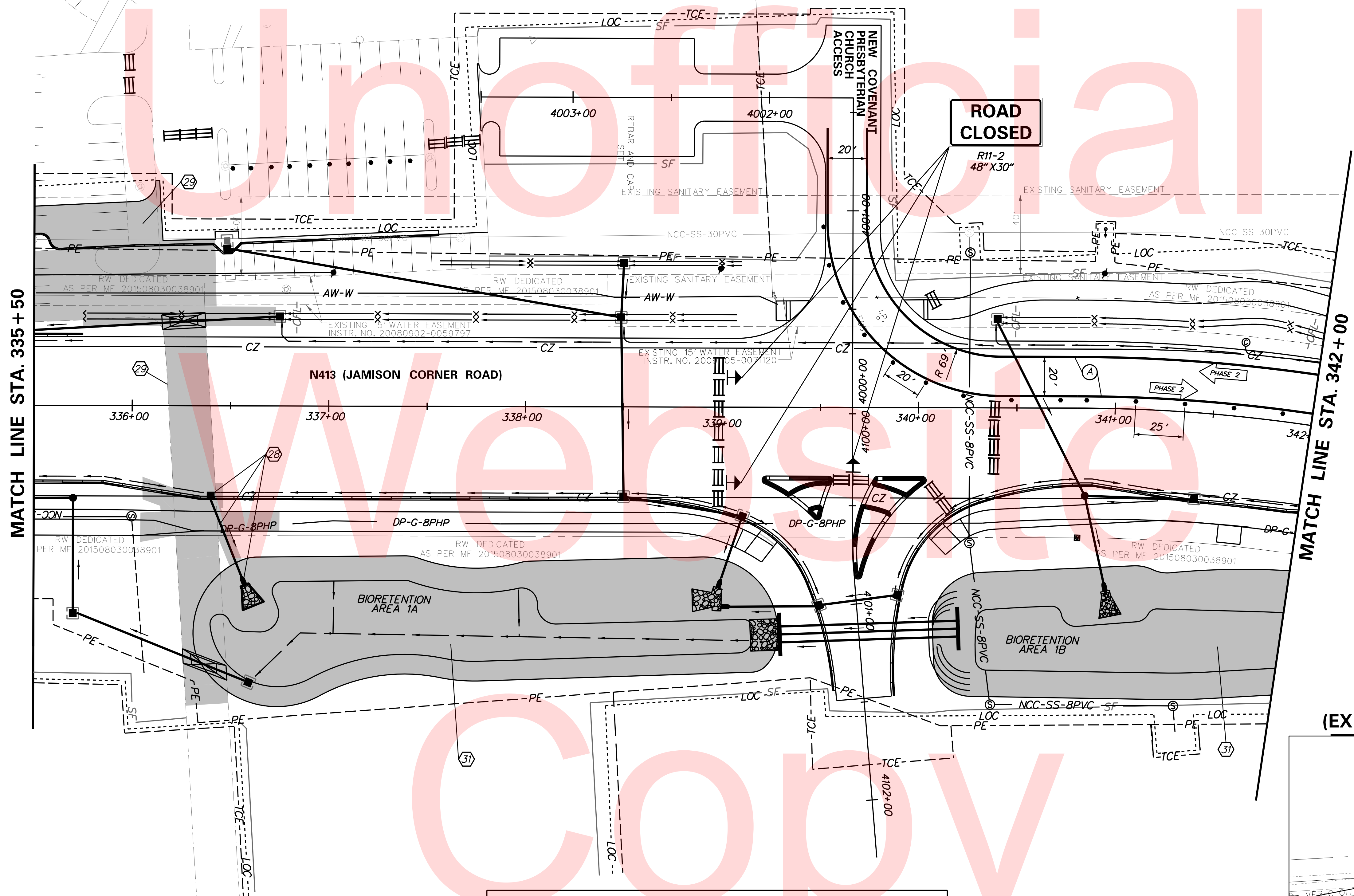
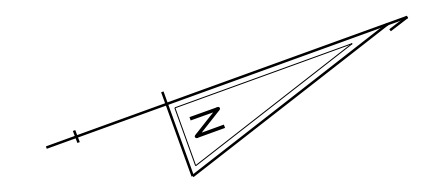


**JAMISON CORNER ROAD,
 RELOCATED AT
 BOYDS CORNER ROAD**

CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: CCG/JDS
	CHECKED BY: BPH

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

SHEET NO. 79
TOTAL SHTS. 123

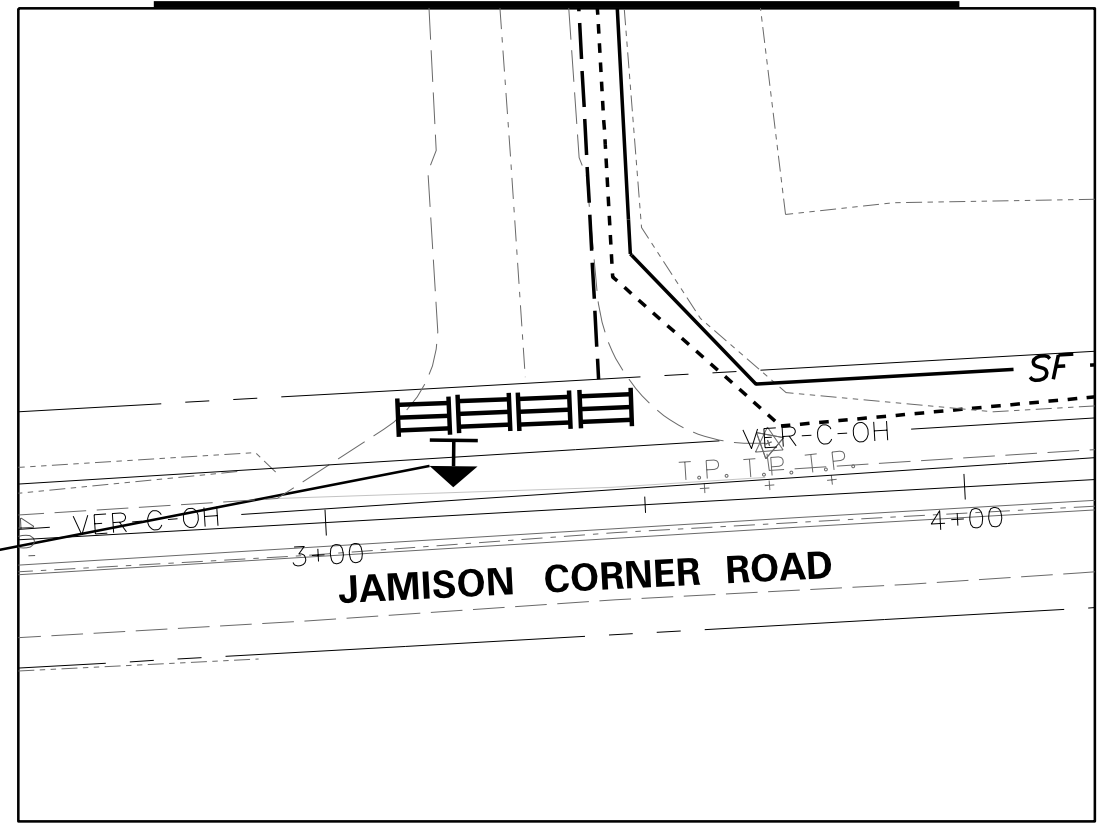


MATCH LINE
(EXISTING CHURCH ACCESS)

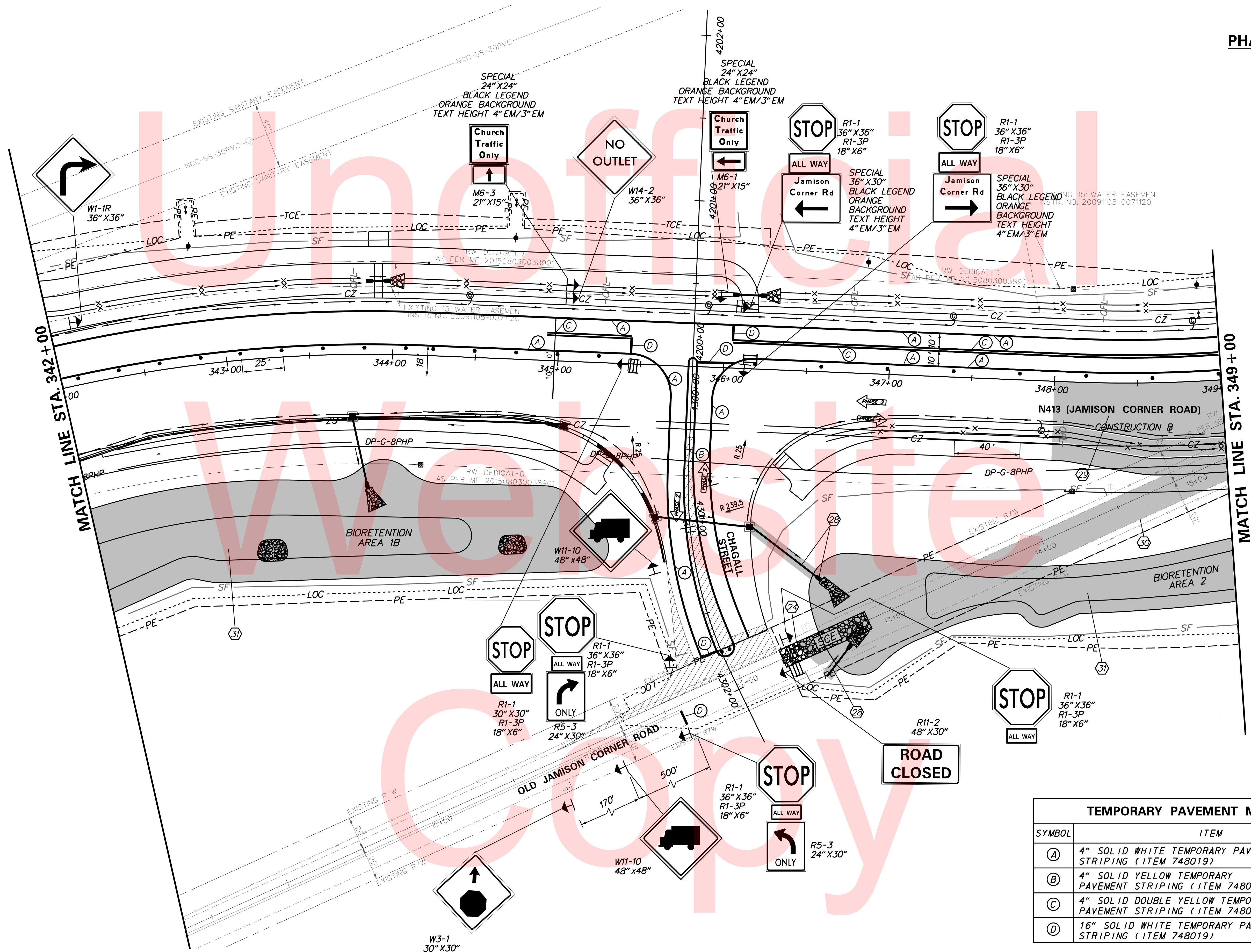
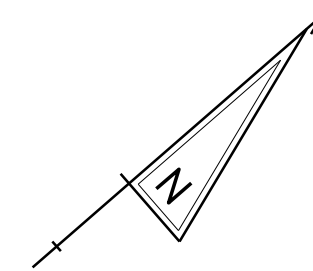
TEMPORARY PAVEMENT MARKINGS LEGEND		
SYMBOL	ITEM	QUANTITY
(A)	4" SOLID WHITE TEMPORARY PAVEMENT STRIPING (ITEM 748019)	665 LF

ROAD CLOSED
R11-2
48" X 30"

MATCH LINE
(EXISTING CHURCH ACCESS)



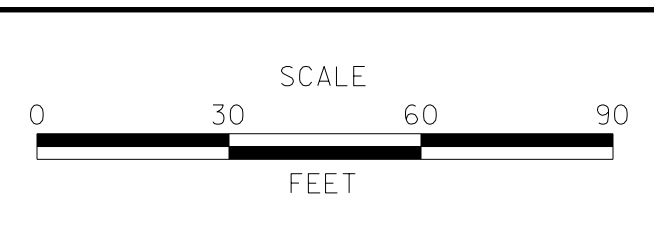
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 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR_VCS_02_03.DGN [SHEET: CS_02_03]



TEMPORARY PAVEMENT MARKINGS LEGEND		
SYMBOL	ITEM	QUANTITY
(A)	4" SOLID WHITE TEMPORARY PAVEMENT STRIPING (ITEM 748019)	1,730 LF
(B)	4" SOLID YELLOW TEMPORARY PAVEMENT STRIPING (ITEM 748019)	375 LF
(C)	4" SOLID DOUBLE YELLOW TEMPORARY PAVEMENT STRIPING (ITEM 748019)	345 LF
(D)	16" SOLID WHITE TEMPORARY PAVEMENT STRIPING (ITEM 748019)	65 LF

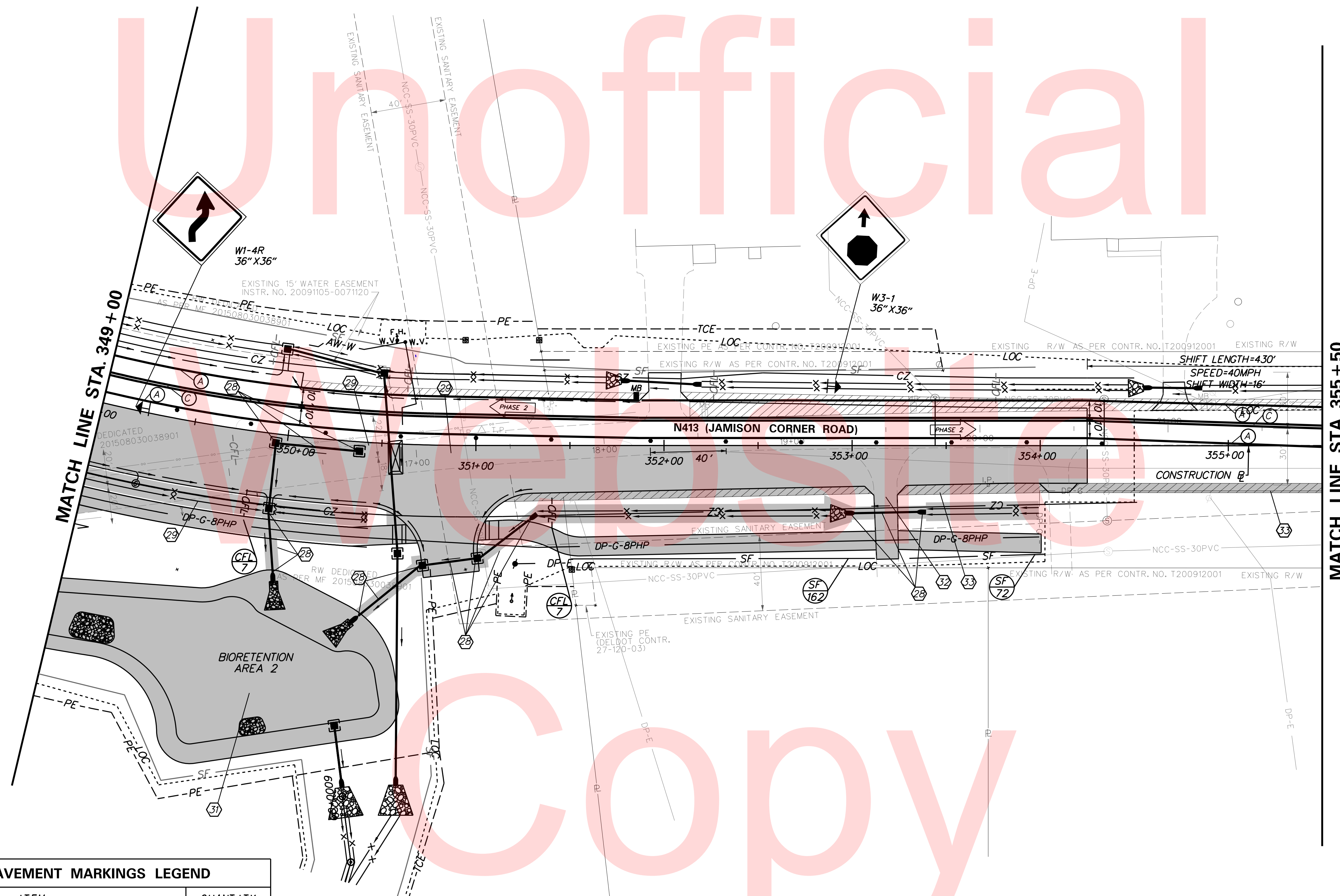
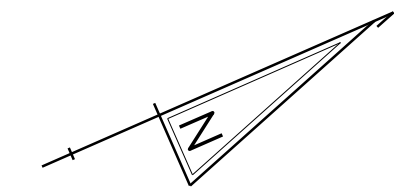
PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
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ADDENDUMS / REVISIONS



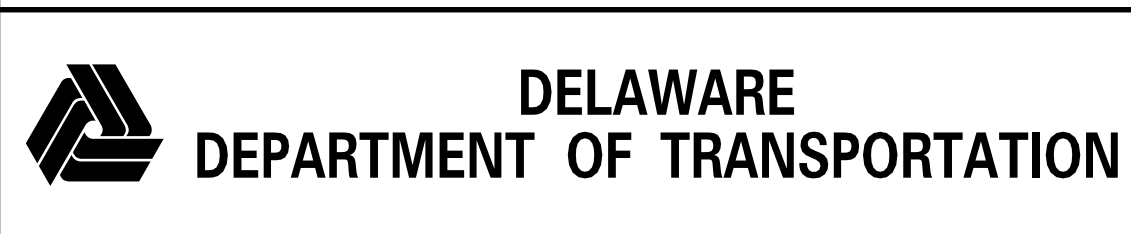
**JAMISON CORNER ROAD,
 RELOCATED AT
 BOYDS CORNER ROAD**

CONTRACT	T200912002	BRIDGE NO.	
COUNTY	NEW CASTLE	DESIGNED BY:	CGG
		CHECKED BY:	BPH

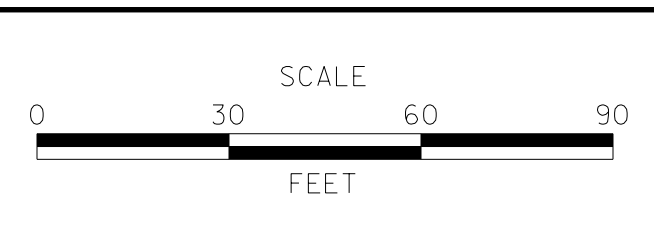


TEMPORARY PAVEMENT MARKINGS LEGEND		
SYMBOL	ITEM	QUANTITY
(A)	4" SOLID WHITE TEMPORARY PAVEMENT STRIPING (ITEM 748019)	1295 LF
(C)	4" SOLID DOUBLE YELLOW TEMPORARY PAVEMENT STRIPING (ITEM 748019)	650 LF

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\CS_02_05.DGN [SHEET: CS_02_05]



ADDENDUMS / REVISIONS	

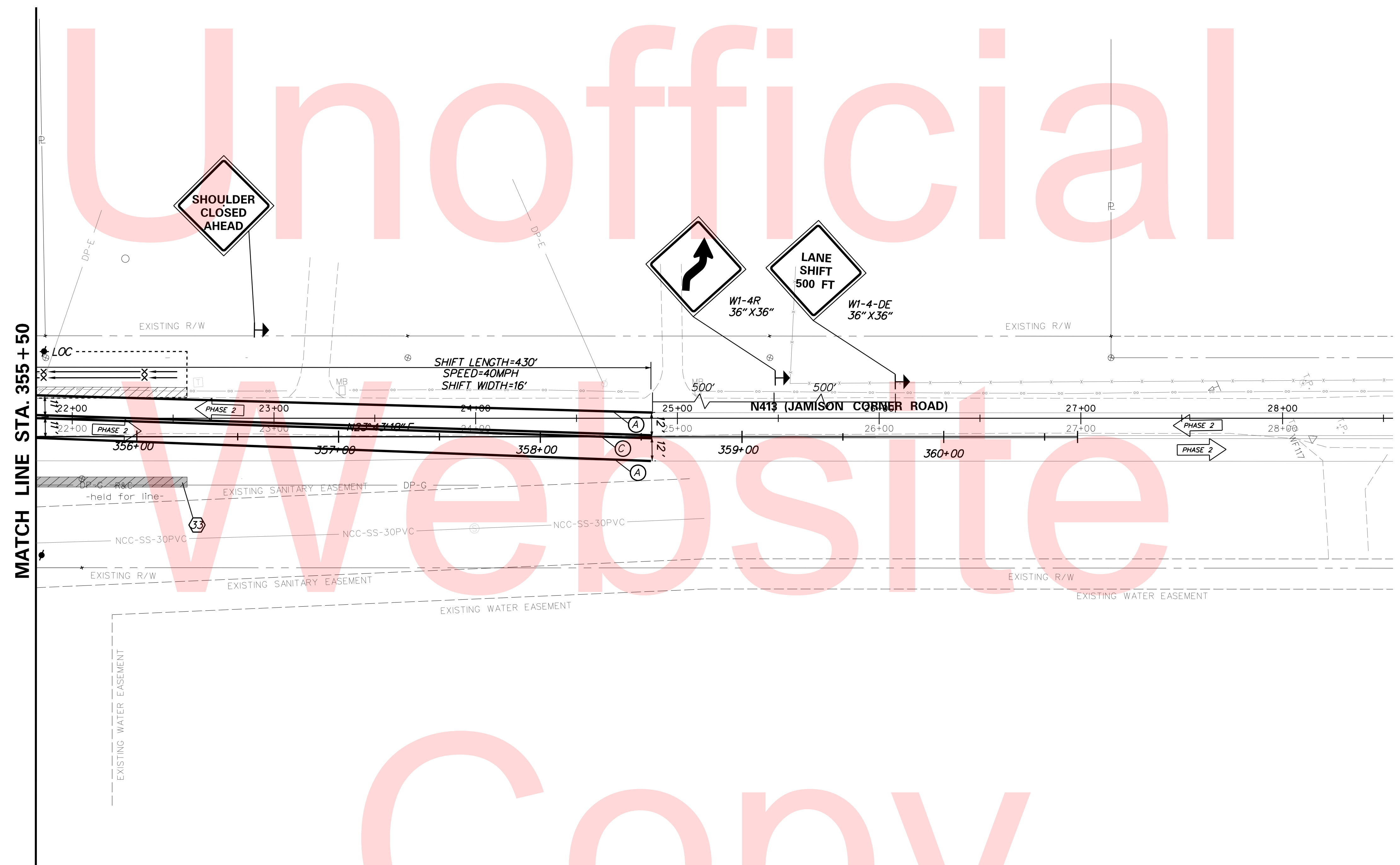
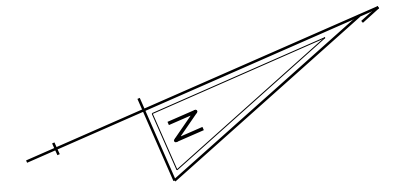


**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: CCG/JDS
	CHECKED BY: BPH

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

SHEET NO. 82
TOTAL SHTS. 123



Unofficial

Website

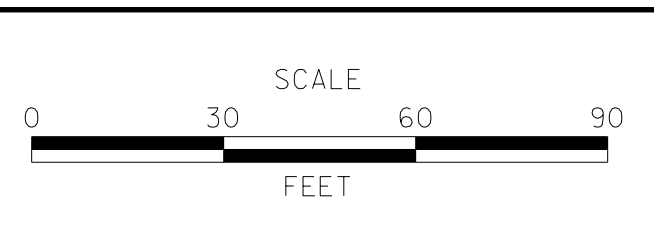
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TEMPORARY PAVEMENT MARKINGS LEGEND		
SYMBOL	ITEM	QUANTITY
(A)	4" SOLID WHITE TEMPORARY PAVEMENT STRIPING (ITEM 748019)	615 LF
(C)	4" SOLID DOUBLE YELLOW TEMPORARY PAVEMENT STRIPING (ITEM 748019)	310 LF

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\CS_02_06.DGN [SHEET: CS_02_06]



ADDENDUMS / REVISIONS	

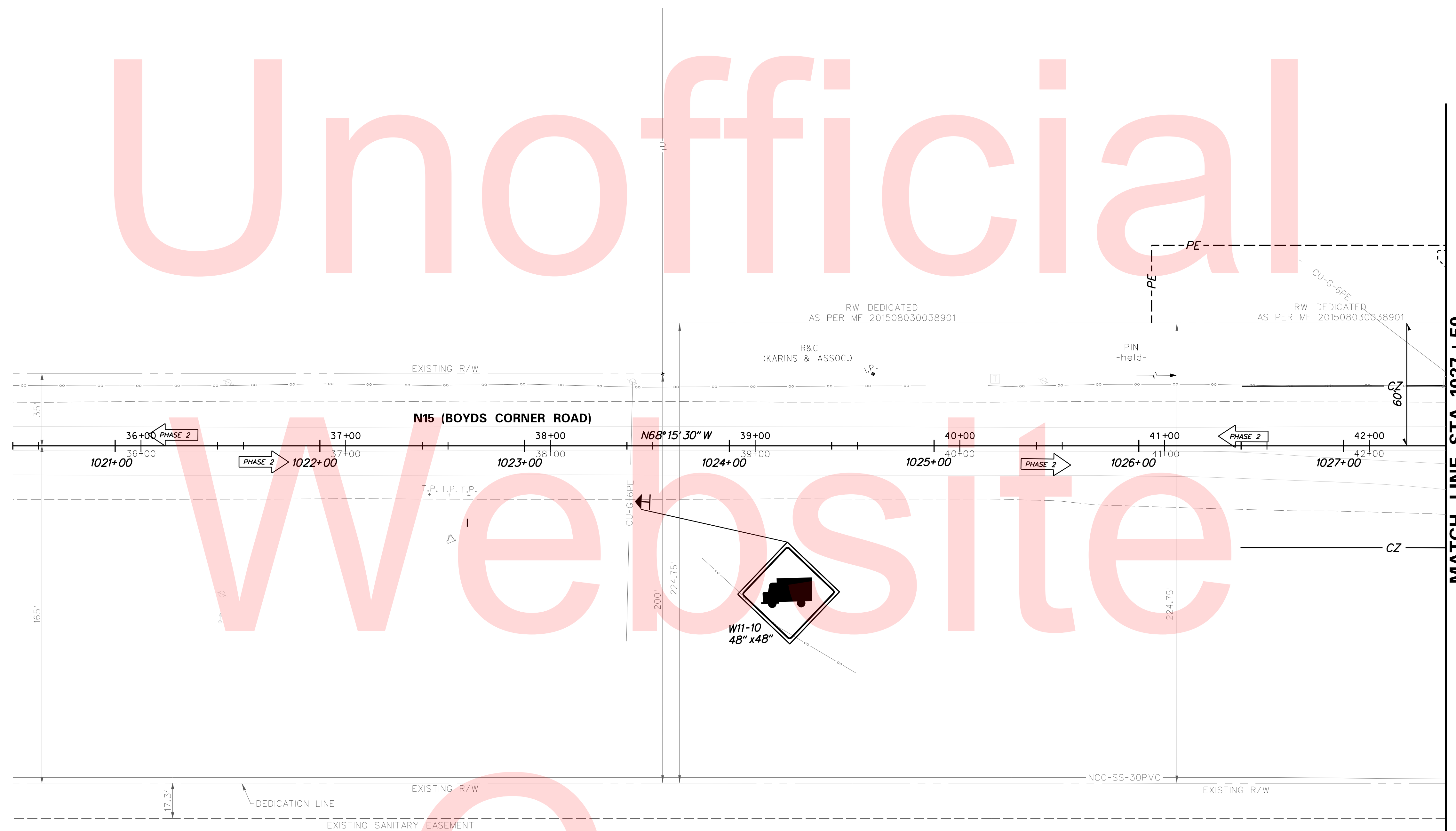
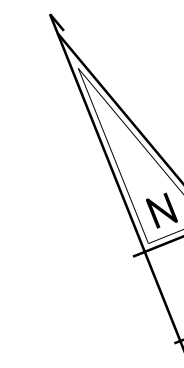


**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: CCG/JDS
	CHECKED BY: BPH

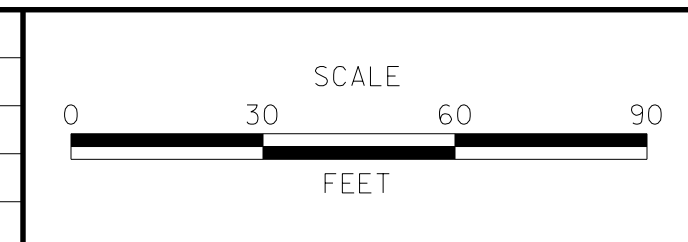
**CONSTRUCTION PHASING,
M.O.T., AND EROSION
CONTROL PLAN**

SHEET NO.	83
TOTAL SHTS.	123



PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDCORNERROAD\CADD\CADD_JCR\CS_02_08.DGN [SHEET: CS_02_08]

ADDENDUMS / REVISIONS	

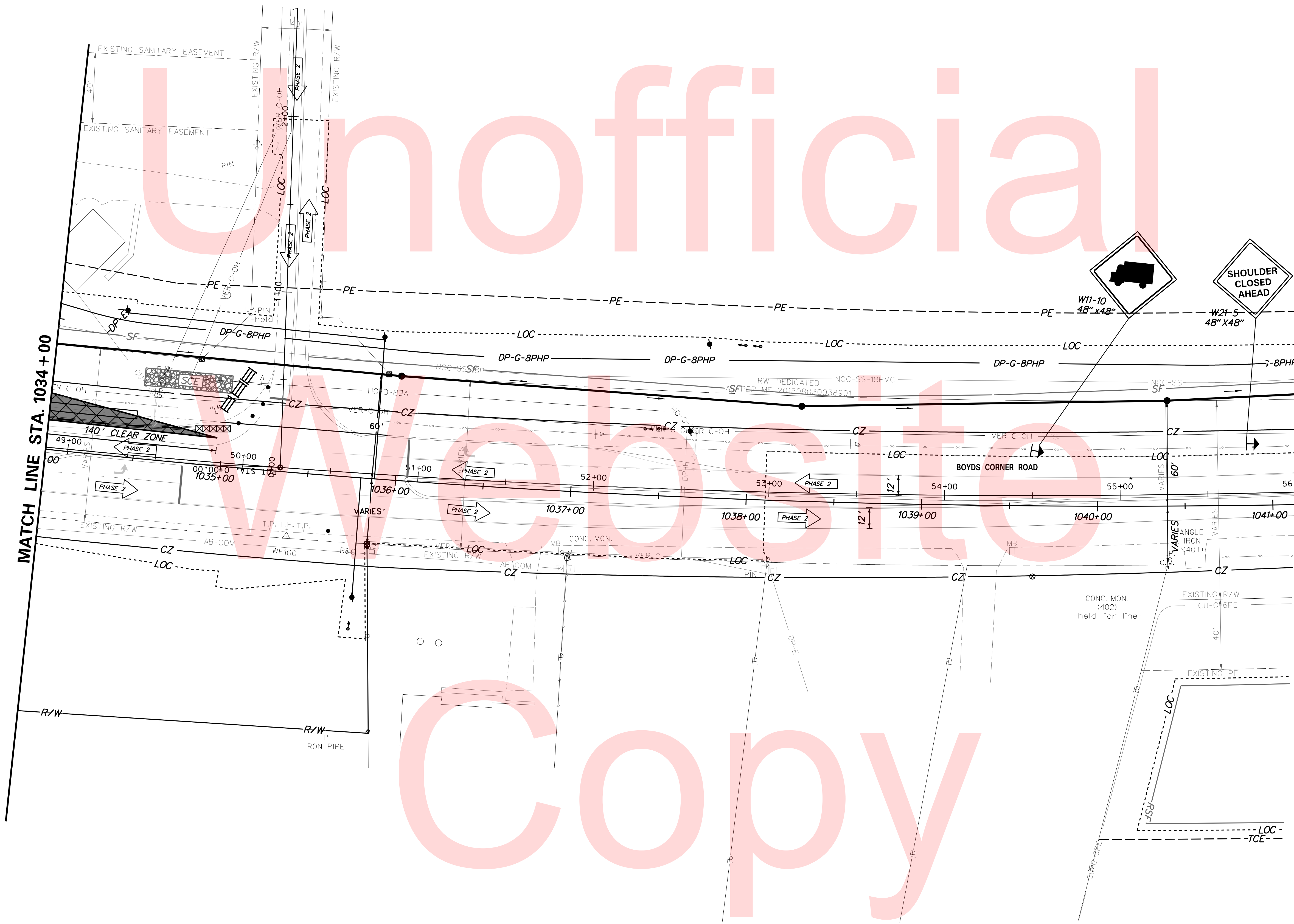


**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: CGG/JDS
	CHECKED BY: BPH

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

SHEET NO. 84
TOTAL SHTS. 123



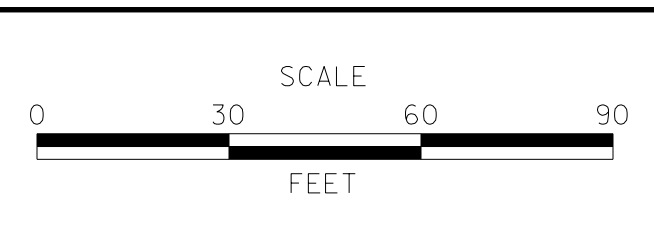
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PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
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DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

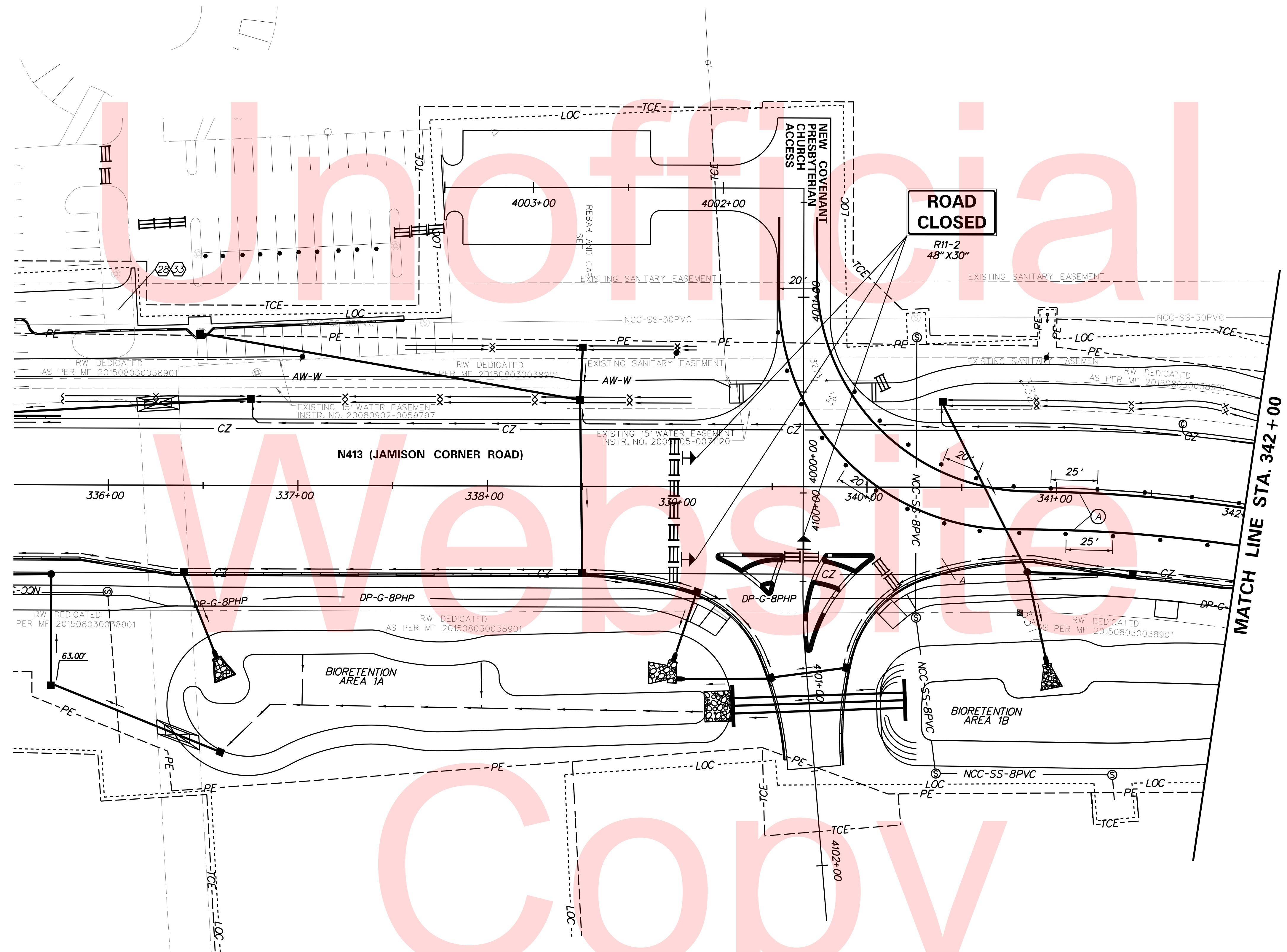
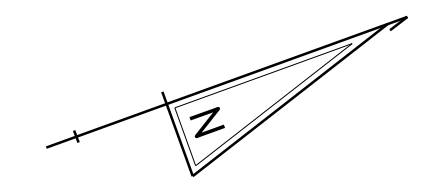


**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: CGG/JDS
	CHECKED BY: BPH

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

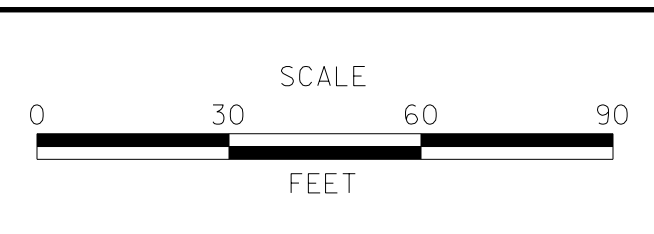
SHEET NO. 85
TOTAL SHTS. 123



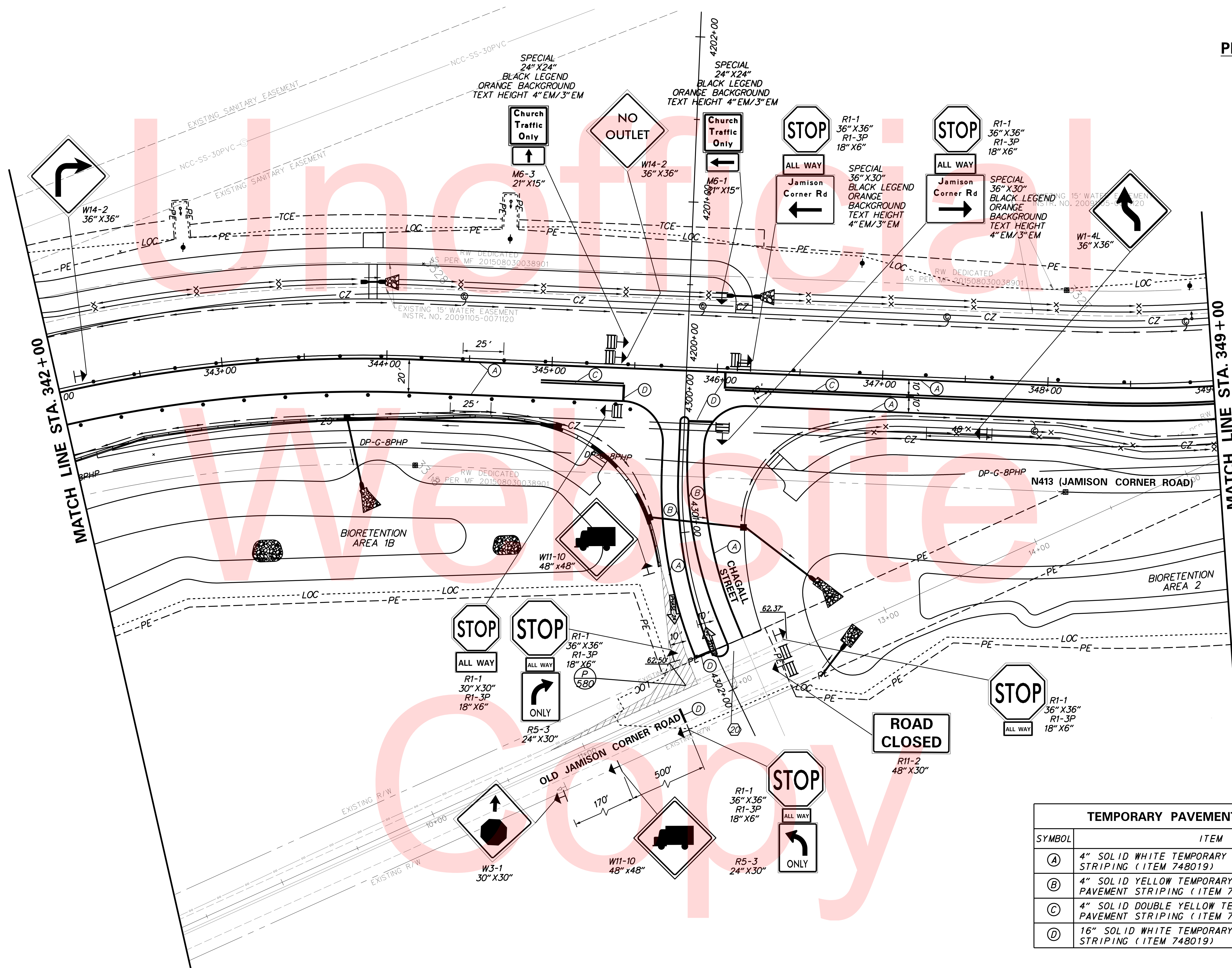
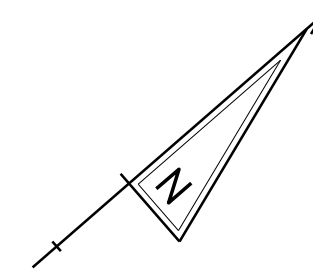
TEMPORARY PAVEMENT MARKINGS LEGEND		
SYMBOL	ITEM	QUANTITY
(A)	4" SOLID WHITE TEMPORARY PAVEMENT STRIPING (ITEM 748019)	680 LF

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\CS_02A_03.DGN [SHEET: CS_02A_03]

ADDENDUMS / REVISIONS



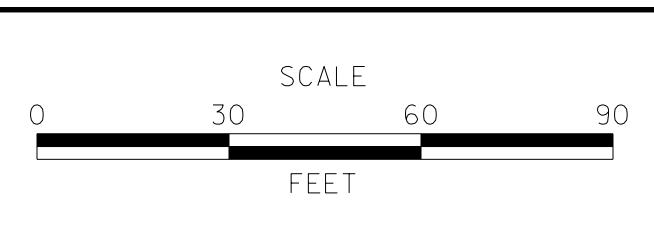
CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: CCG/JDS
	CHECKED BY: BPH



TEMPORARY PAVEMENT MARKINGS LEGEND		
SYMBOL	ITEM	QUANTITY
(A)	4" SOLID WHITE TEMPORARY PAVEMENT STRIPING (ITEM 748019)	1,690 LF
(B)	4" SOLID YELLOW TEMPORARY PAVEMENT STRIPING (ITEM 748019)	305 LF
(C)	4" SOLID DOUBLE YELLOW TEMPORARY PAVEMENT STRIPING (ITEM 748019)	355 LF
(D)	16" SOLID WHITE TEMPORARY PAVEMENT STRIPING (ITEM 748019)	65 LF

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\CS_02A_04.DGN [SHEET: CS_02A_04]

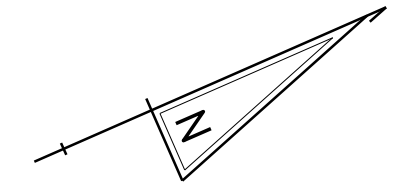
ADDENDUMS / REVISIONS



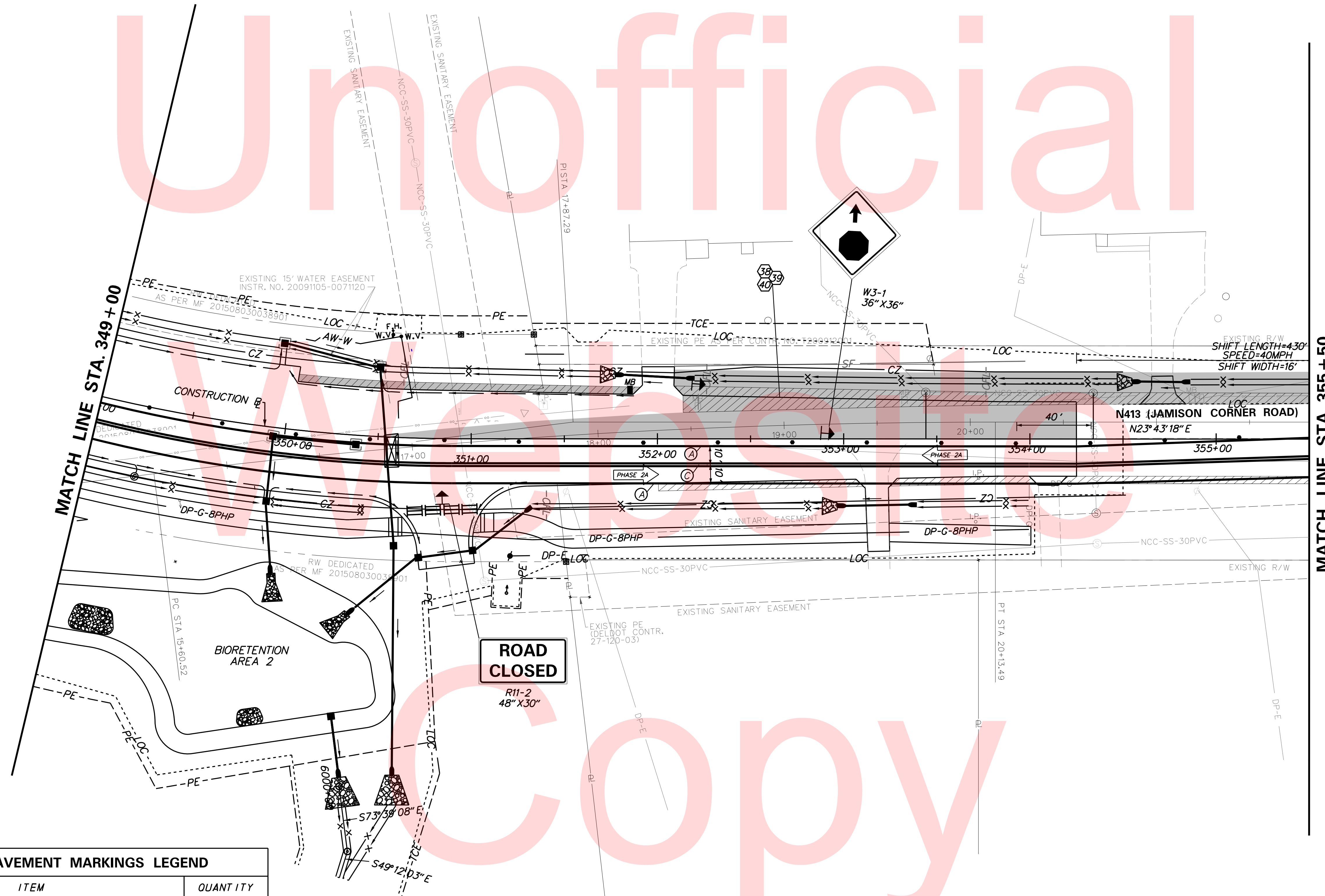
**JAMISON CORNER ROAD,
 RELOCATED AT
 BOYDS CORNER ROAD**

CONTRACT	T200912002	BRIDGE NO.	
COUNTY	NEW CASTLE	DESIGNED BY:	CGG/JDS
		CHECKED BY:	BPH

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



Unofficial



TEMPORARY PAVEMENT MARKINGS LEGEND		
SYMBOL	ITEM	QUANTITY
(A)	4" SOLID WHITE TEMPORARY PAVEMENT STRIPING (ITEM 748019)	1,310 LF
(C)	4" SOLID DOUBLE YELLOW TEMPORARY PAVEMENT STRIPING (ITEM 748019)	655 LF

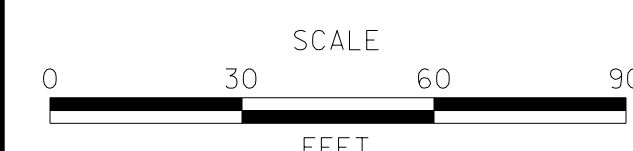
[SHEET: CS_02A_05]

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR_CS_02A_05.DGN



DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

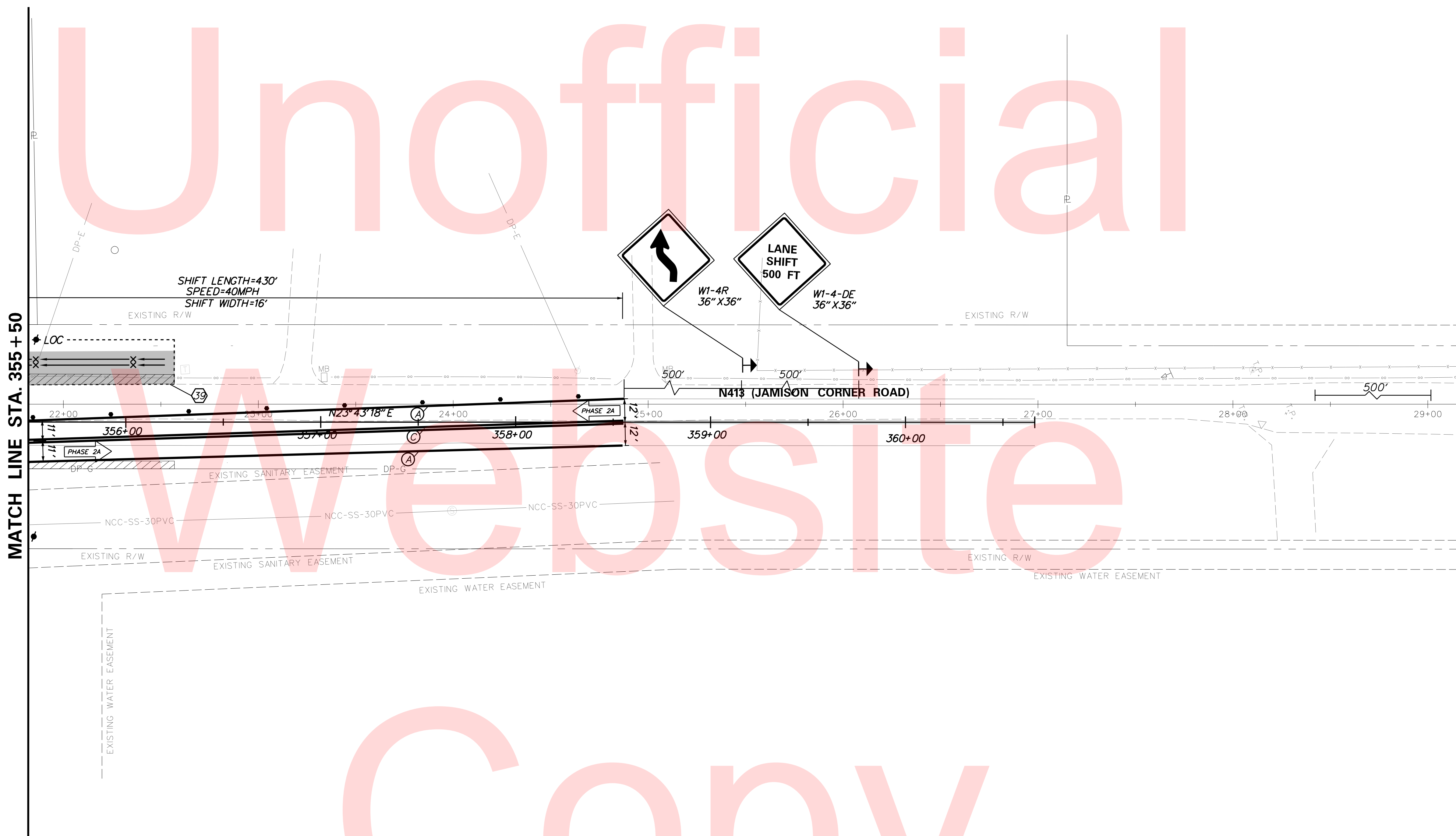
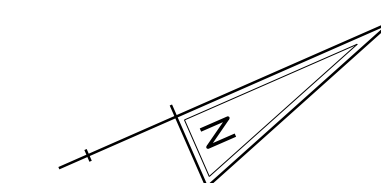


**JAMISON CORNER ROAD,
 RELOCATED AT
 BOYDS CORNER ROAD**

CONTRACT	BRIDGE NO.
T200912002	
COUNTY	DESIGNED BY: CGG/JDS
NEW CASTLE	CHECKED BY: BPH

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

SHEET NO.
88
TOTAL SHTS.
123



Unofficial

Website

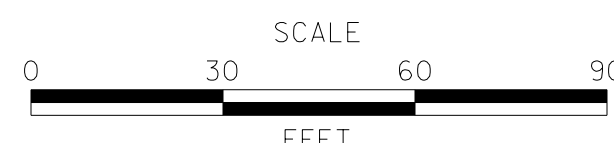
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TEMPORARY PAVEMENT MARKINGS LEGEND		
SYMBOL	ITEM	QUANTITY
Ⓐ	4" SOLID WHITE TEMPORARY PAVEMENT STRIPING (ITEM 748019)	615 LF
Ⓒ	4" SOLID DOUBLE YELLOW TEMPORARY PAVEMENT STRIPING (ITEM 748019)	305 LF

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\CS_02A_06.DGN [SHEET: CS_02A_06]



ADDENDUMS / REVISIONS

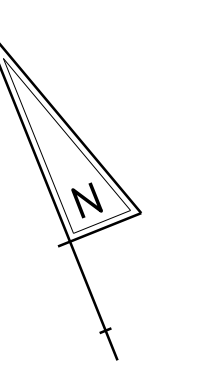


**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: AF / JDS
	CHECKED BY: BPH

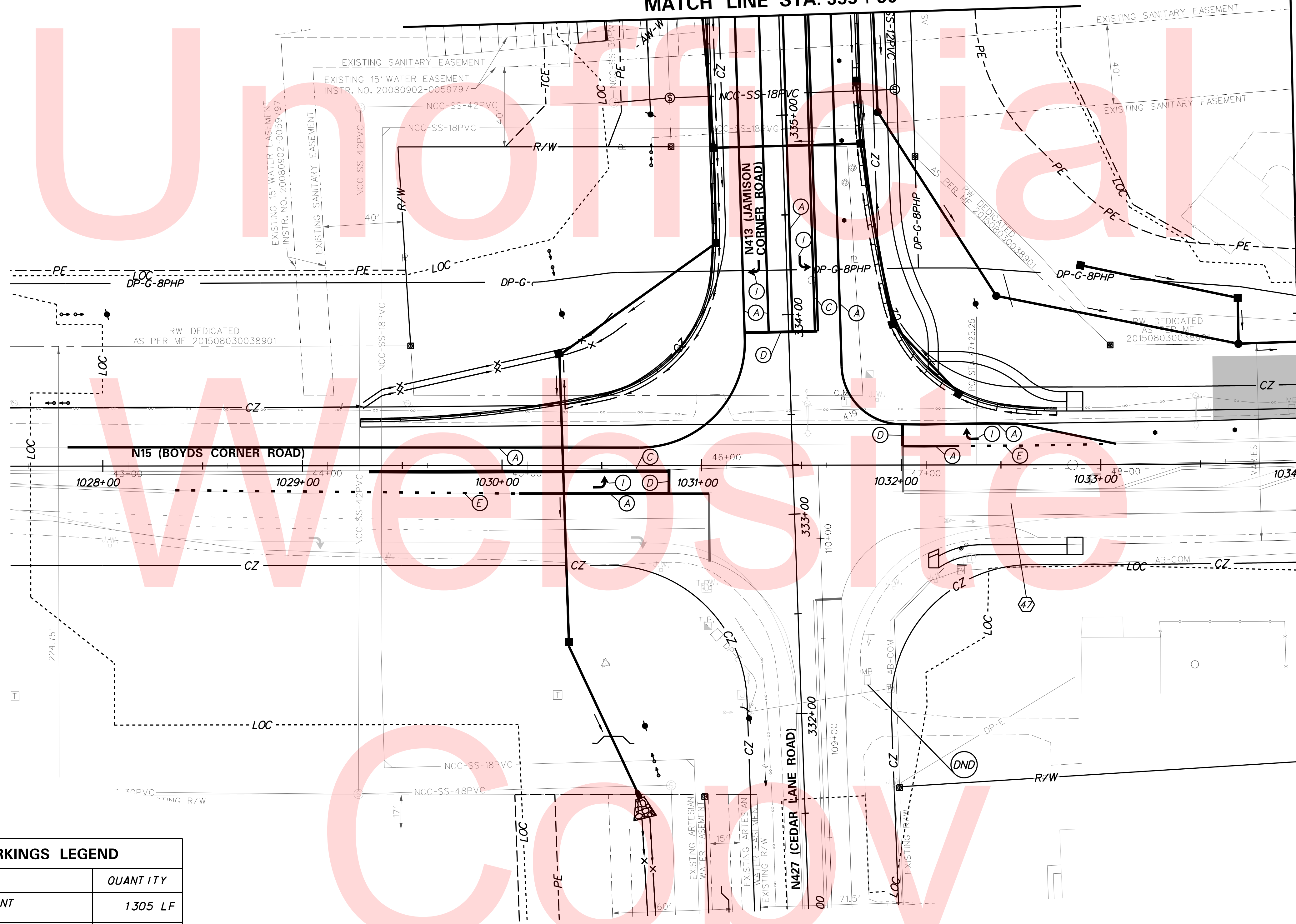
**CONSTRUCTION PHASING,
M.O.T., AND EROSION
CONTROL PLAN**

SHEET NO.	89
TOTAL SHTS.	123



MATCH LINE STA. 335+50

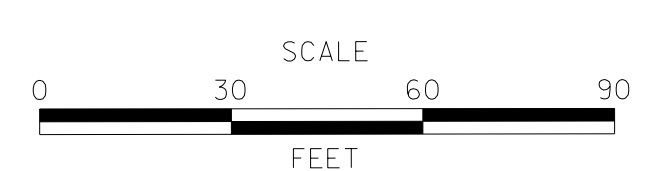
MATCH LINE STA. 1034+00



TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM	QUANTITY
(A)	4" SOLID WHITE TEMPORARY PAVEMENT STRIPING (ITEM 748019)	1305 LF
(C)	4" SOLID DOUBLE YELLOW TEMPORARY PAVEMENT STRIPING (ITEM 748019)	310 LF
(D)	16" SOLID WHITE TEMPORARY PAVEMENT STRIPING (ITEM 748019)	60 LF
(E)	4" WHITE AUXILIARY LANE LINE TEMPORARY PAVEMENT STRIPING, (2' STRIPE, 6' GAP) (ITEM 748019)	60 LF
(I)	WHITE TEMPORARY PAVEMENT STRIPING SYMBOL (ITEM 748026)	65 SF

ADDENDUMS / REVISIONS



**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

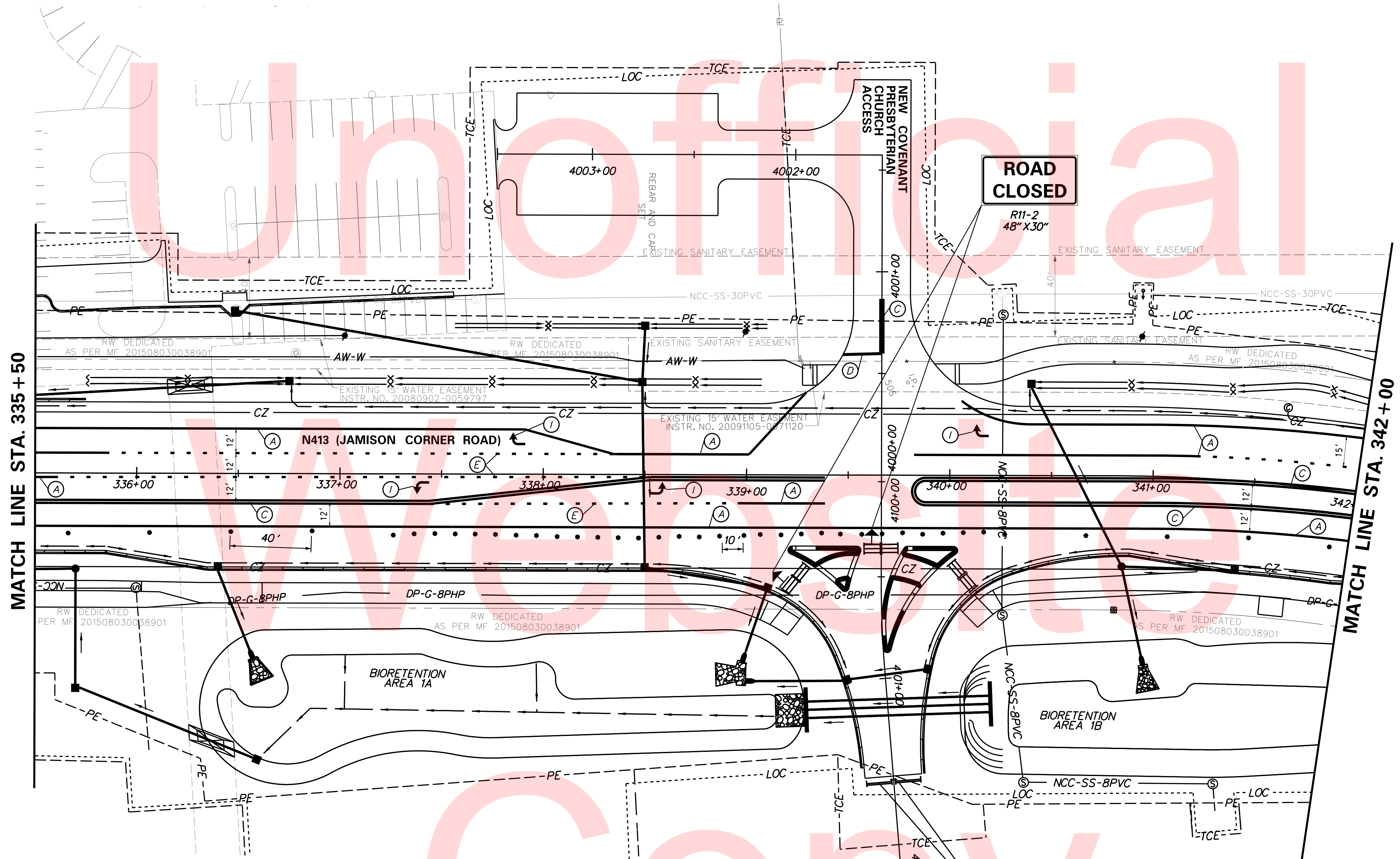
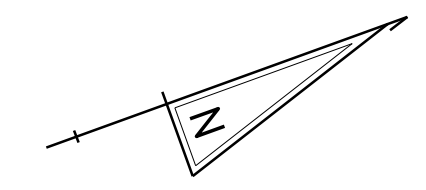
CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: CGG/JDS
	CHECKED BY: BPH

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

SHEET NO.	90
TOTAL SHTS.	123

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: G:\NDE\060272_000DELDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR_CS_03_02.DGN [SHEET: CS_03_02]





ROAD CLOSED
R11-2
48\"/>

NOTE: AT THE CONCLUSION OF PHASE 3,
INSTALL PERMANENT WOOD BARRICADE (ITEM
720533) PER DELDOT STANDARD DETAIL T-16.

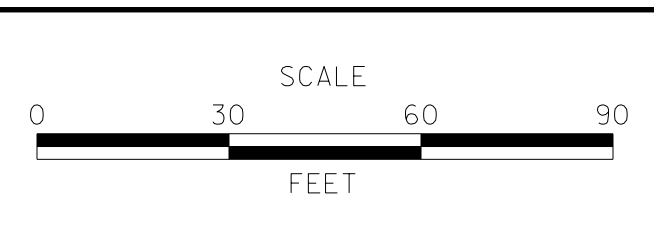
TEMPORARY PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM	QUANTITY
(A)	4\"/>	1,480 LF
(C)	4\"/>	860 LF
(C)	16\"/>	20 LF
(E)	4\"/>	195 LF
(I)	WHITE TEMPORARY PAVEMENT STRIPING SYMBOL (ITEM 748026)	65 SF

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR_VCS_03_03.DGN [SHEET: CS_03_03]



ADDENDUMS / REVISIONS

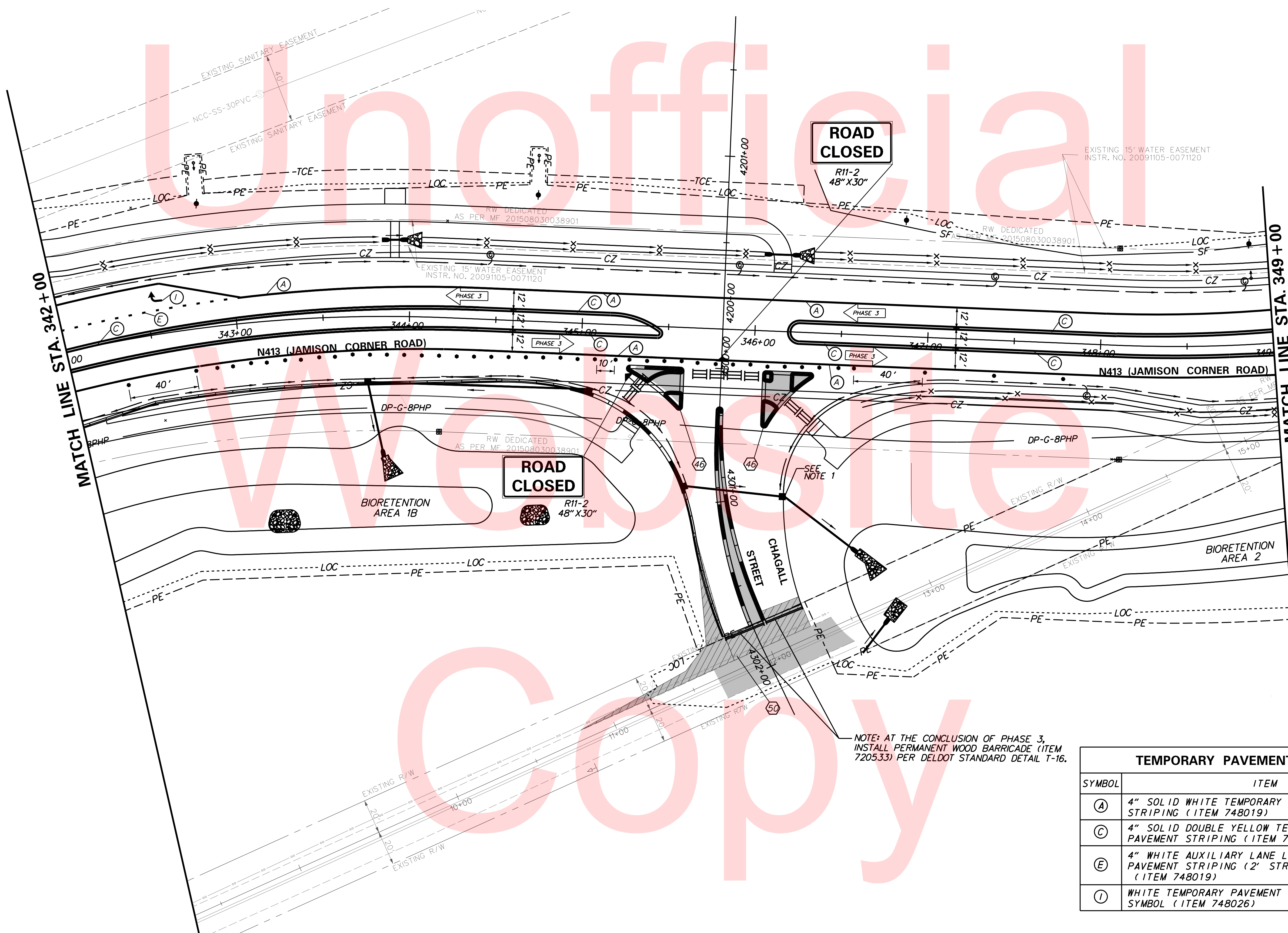
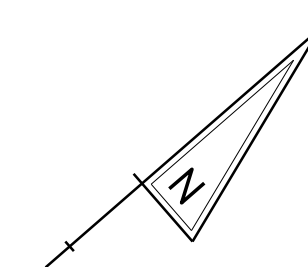


**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: CCG/JDS
	CHECKED BY: BPH

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

SHEET NO. 91
TOTAL SHTS. 123



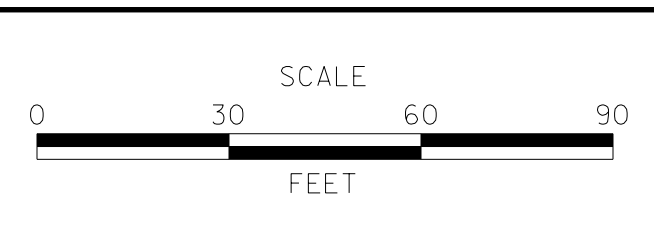
NOTE: AT THE CONCLUSION OF PHASE 3, INSTALL PERMANENT WOOD BARRICADE (ITEM 720533) PER DELDOT STANDARD DETAIL T-16.

TEMPORARY PAVEMENT MARKINGS LEGEND		
SYMBOL	ITEM	QUANTITY
(A)	4" SOLID WHITE TEMPORARY PAVEMENT STRIPING (ITEM 748019)	1,405 LF
(C)	4" SOLID DOUBLE YELLOW TEMPORARY PAVEMENT STRIPING (ITEM 748019)	1260 LF
(E)	4" WHITE AUXILIARY LANE LINE TEMPORARY PAVEMENT STRIPING (2' STRIPE, 6' GAP) (ITEM 748019)	30 LF
(I)	WHITE TEMPORARY PAVEMENT STRIPING SYMBOL (ITEM 748026)	16 SF

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\CS_03_04.DGN [SHEET: CS_03_04]



ADDENDUMS / REVISIONS



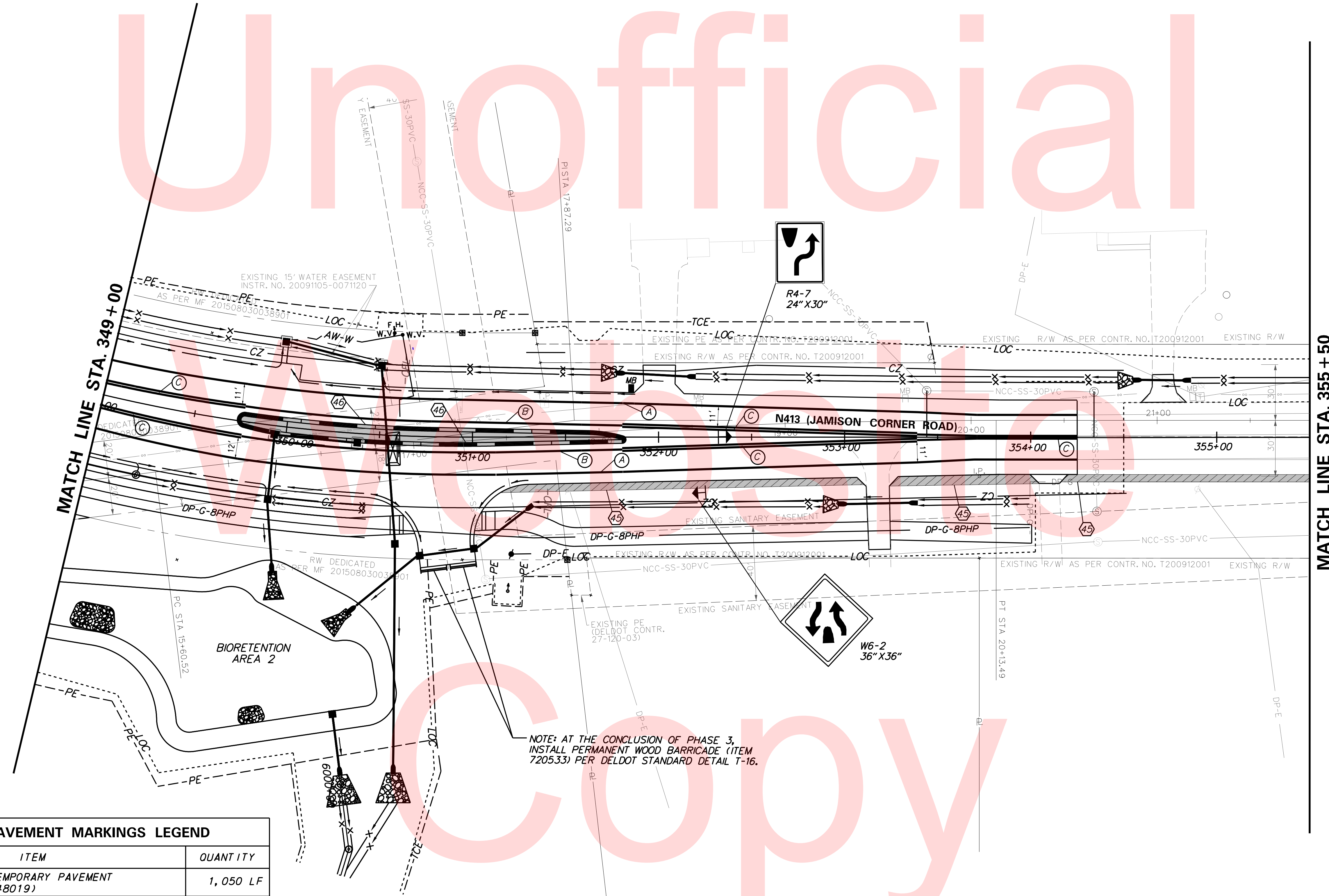
**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: AF/JDS
	CHECKED BY: BPH

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

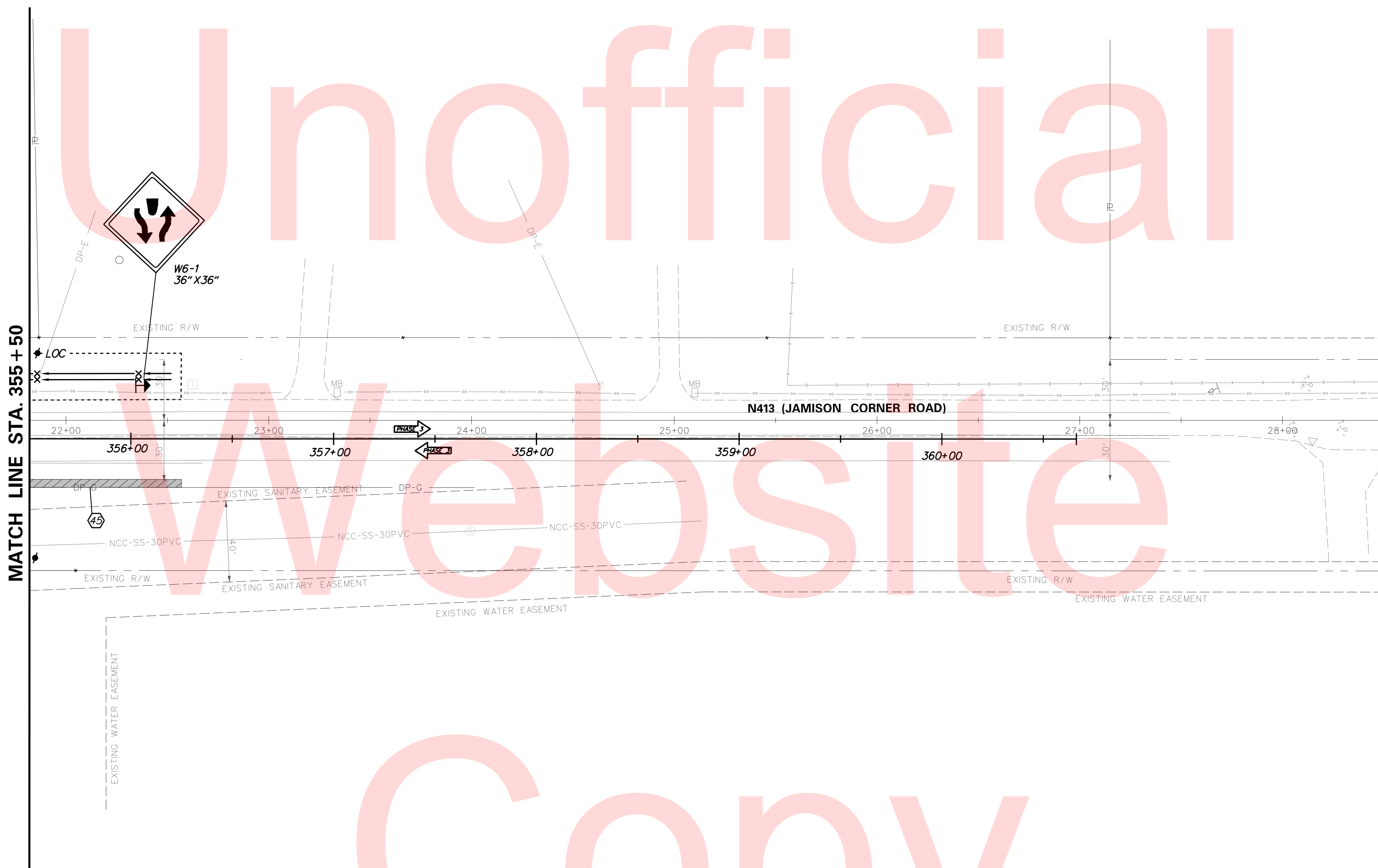
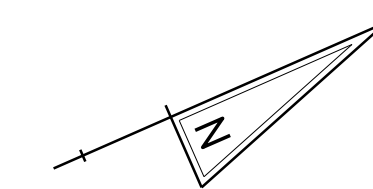
SHEET NO. 92
TOTAL SHTS. 123

Unofficial



TEMPORARY PAVEMENT MARKINGS LEGEND		
SYMBOL	ITEM	QUANTITY
(A)	4" SOLID WHITE TEMPORARY PAVEMENT STRIPING (ITEM 748019)	1,050 LF
(B)	4" SOLID YELLOW TEMPORARY PAVEMENT STRIPING (ITEM 748019)	410 LF
(C)	4" SOLID DOUBLE YELLOW TEMPORARY PAVEMENT STRIPING (ITEM 748019)	555 LF

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR_VCS_03_05.DGN [SHEET: CS_03_05]



[SHEET: CS_03_06]

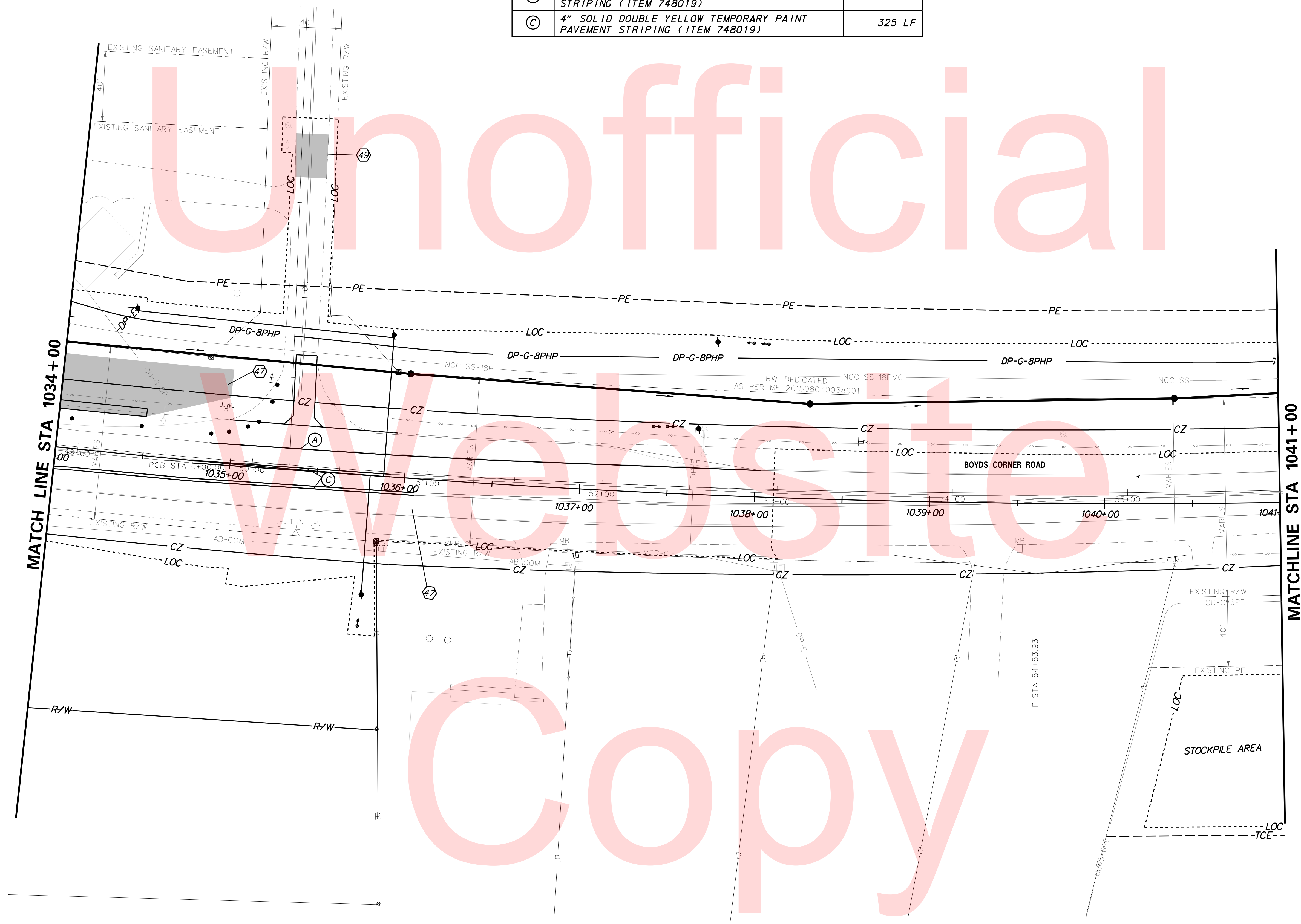
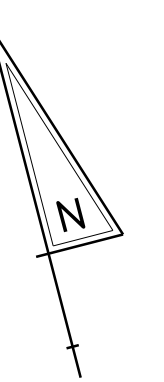
DATE: 6/22/2017

PLOTTED BY: BDOUGHERTY
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\CS_03_06.DGN

Copy

TEMPORARY PAVEMENT MARKINGS LEGEND		
SYMBOL	ITEM	QUANTITY
(A)	4" SOLID WHITE TEMPORARY PAINT PAVEMENT STRIPING (ITEM 748019)	345 LF
(C)	4" SOLID DOUBLE YELLOW TEMPORARY PAINT PAVEMENT STRIPING (ITEM 748019)	325 LF

PHASE 3



PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\CS_03_09.DGN [SHEET: CS_03_09]


DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

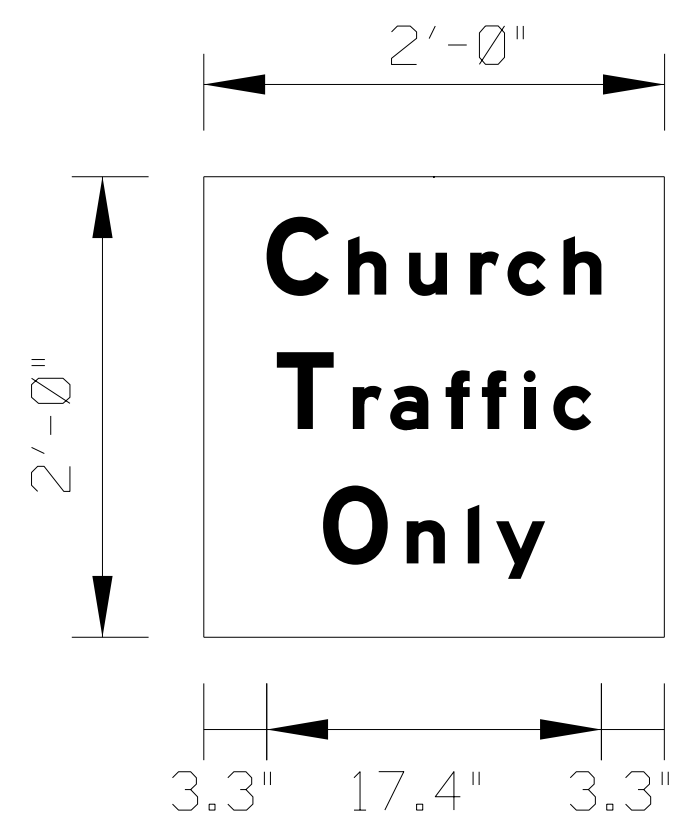


**JAMISON CORNER ROAD,
 RELOCATED AT
 BOYDS CORNER ROAD**

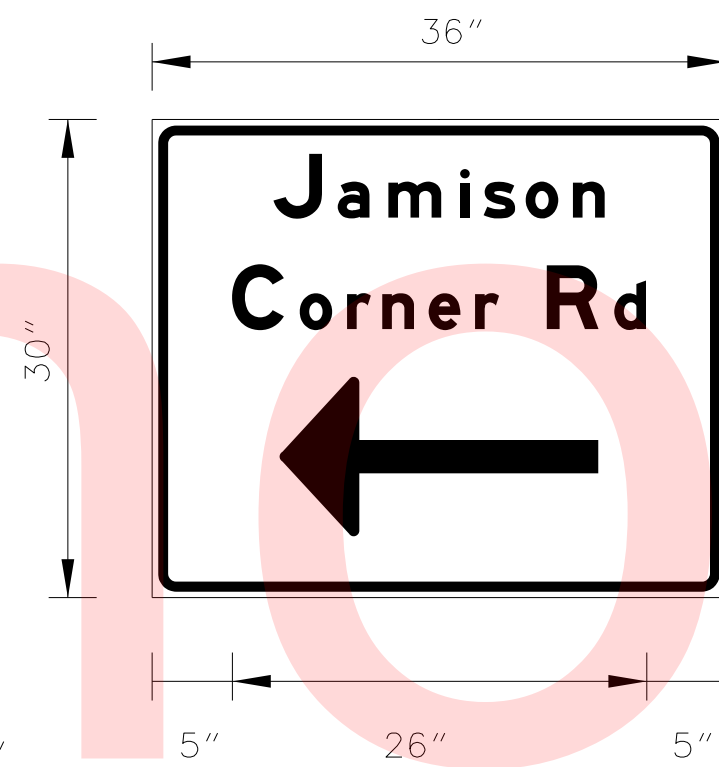
CONTRACT	BRIDGE NO.
T200912002	
COUNTY	DESIGNED BY: CCG/JDS
NEW CASTLE	CHECKED BY: BPH

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

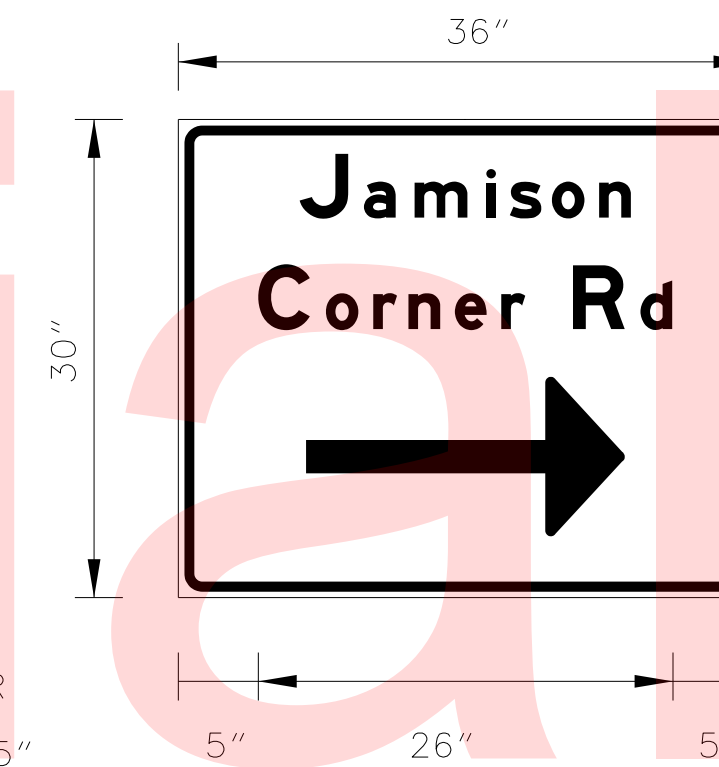
SHEET NO.
95
TOTAL SHTS.
123



BORDER
TH=0.25"
BLACK LEGEND ON
ORANGE RETROREFLECTIVE BACKGROUND



BORDER
TH=0.25"
BLACK LEGEND ON
ORANGE RETROREFLECTIVE BACKGROUND



BORDER
TH=0.25"
BLACK LEGEND ON
ORANGE RETROREFLECTIVE BACKGROUND

Unofficial
Website
Copy

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\MOT SIGNS.DGN [SHEET: MOT SIGNS]



ADDENDUMS / REVISIONS

NOT TO SCALE

**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

CONTRACT	BRIDGE NO.
T200912002	
COUNTY	DESIGNED BY: JDS
NEW CASTLE	CHECKED BY: MAW

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

SHEET NO.
96
TOTAL SHTS.
123

PORTABLE CHANGEABLE MESSAGE SIGNS

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

PCMS-1
DE 896/BOYDS CNR RD TO CLOSE STARTING XX/XX/XX

DURING DETOUR
(DISPLAY FOR DURATION OF DETOUR)

PCMS-2
DE 896 S EAST OF CEDAR LN CLOSED FOLLOW DETOUR

DURING DETOUR
(DISPLAY FOR DURATION OF DETOUR)

PCMS-3
DE 896 S THRU TRAFFIC TO I-95 USE DE 896 N

DURING DETOUR
(DISPLAY FOR DURATION OF DETOUR)

PCMS-4
DE 896 WEST OF US 13 CLOSED USE ALT ROUTE

DURING DETOUR
(DISPLAY FOR DURATION OF DETOUR)

PCMS-5
DE 896 N WEST OF US 13 CLOSED USE MARL PIT RD

SPECIAL SIGNS

NORTH
Z
SOUTH
Z

***DG RETROREFLECTIVE FLUORESCENT ORANGE BACKGROUND; BLACK LEGEND**

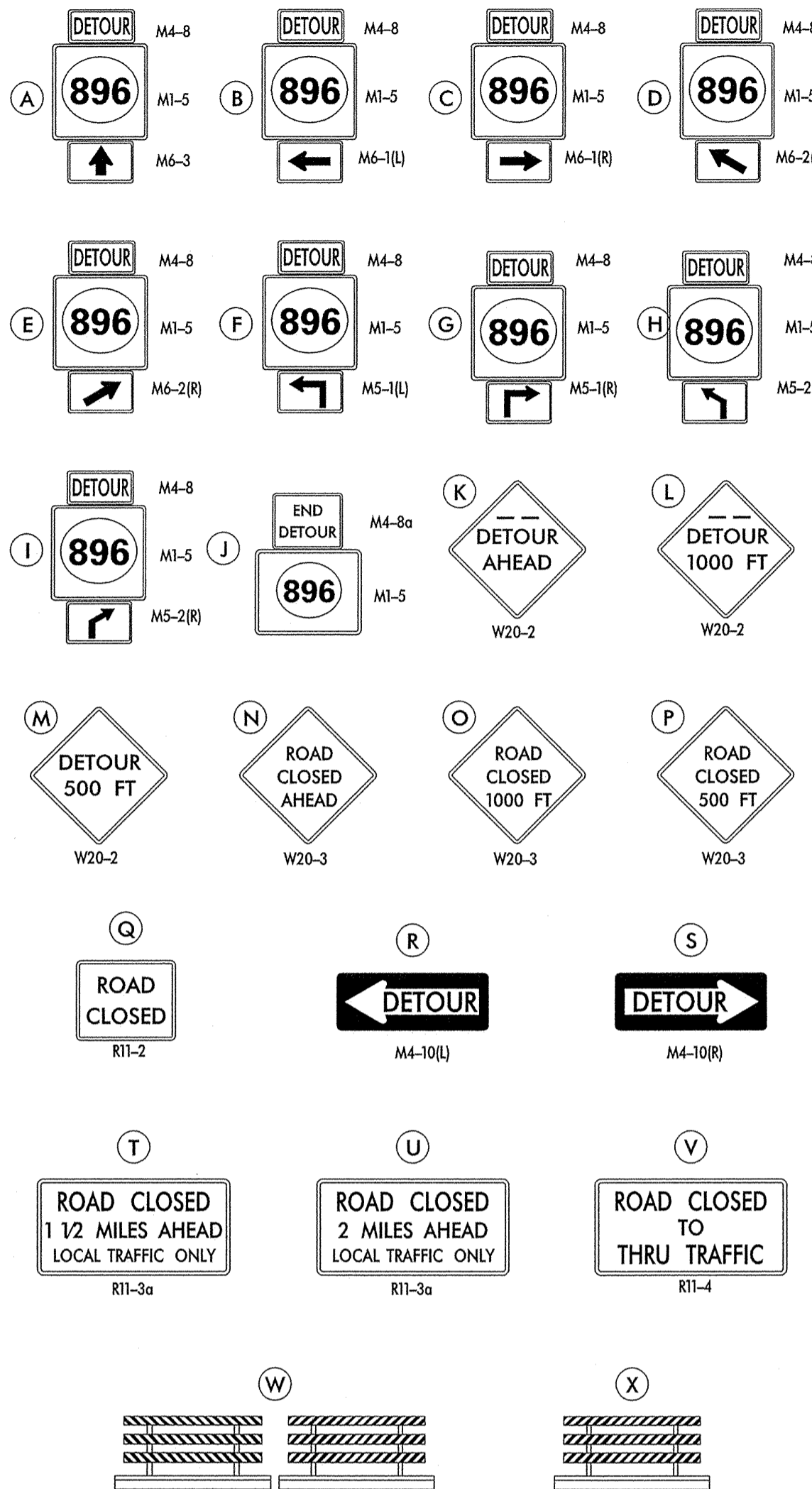
SPECIAL NOTES

1. DELAWARE STATE POLICE OFFICERS SHALL BE PRESENT AT MARL PIT ROAD AND CEDAR LANE ROAD BETWEEN 6:00AM AND 8:00AM DURING IMPLEMENTATION OF DETOUR TO ASSIST WITH TRAFFIC CONTROL.



LEGEND

*ROUTE SHIELD-WHITE BACKGROUND; BLACK LEGEND



GENERAL NOTES

1. ALL DETOUR SIGNING, INCLUDING TRAILBLAZERS, ARE TO BE SUPPLIED AND MAINTAINED BY THE GENERAL CONTRACTOR IN COMPLIANCE WITH "THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (DE MUTCD.)
2. THE CONTRACTOR SHALL COMPLY WITH GUIDELINES IN "THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (DE MUTCD PART 6) FOR BARRICADES AND SIGNS (AS PER LATEST REVISION.)
3. DESIGN OF ALL SIGNS SHALL BE IN ACCORDANCE WITH THE FHWA STANDARD HIGHWAY SIGNS BOOK.
4. SIZES OF ALL SIGNS SHALL BE IN ACCORDANCE WITH THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (DE MUTCD.) SIZE OF SIGN SHALL BE BASED ON TYPE OF ROADWAY ON WHICH THE SIGN IS INSTALLED.
5. THE COLORS, DIMENSIONS, AND CHARACTERISTICS OF ALL INTERSTATE, U.S. ROUTE, AND STATE ROUTE SHIELD SIGNS SHALL BE IN ACCORDANCE WITH SECTION 2D.11 OF "THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (DE MUTCD.)
6. SIGNS NO LONGER IN USE SHALL BE COMPLETELY COVERED WITH NO RETROREFLECTIVE MATERIAL SHOWING, OR SHALL BE REMOVED, AS DIRECTED BY THE ENGINEER.
7. FIELD CONDITIONS MAY DICTATE CHANGES AT SOME TIME DURING THE LIFE OF THE CONTRACT. IN THE EVENT OF OMISSIONS OR CORRECTIONS, THE SIGNING PROVISIONS OF "THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (DE MUTCD) WILL PREVAIL.
8. SIGNS "N" THROUGH "Q" AND "T" AND "V", THE WORD "ROAD" SHOULD BE CHANGED TO "RAMP", "RR XING", OR "BRIDGE" WHERE APPLICABLE.
9. WARNING SIGNS AND DETOUR TRAILBLAZERS SHALL BE MOUNTED ON BREAKAWAY POSTS AND HAVE RETROREFLECTIVE FLUORESCENT ORANGE SHEETING.
10. "W" BARRICADES SHALL COMPLETELY RUN THE FULL WIDTH OF THE ROADWAY.
11. BARRICADES SHALL BE A MINIMUM OF 6 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.

RECOMMENDED _____ DATE: _____

RECOMMENDED _____ DATE: _____

RECOMMENDED _____ DATE: _____

APPROVED CHIEF SAFETY OFFICER

DATE: 12-14-15

APPROVED TRAFFIC ENGINEER

DATE: 12/14/15



DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUM / REVISIONS

NOT TO SCALE

**JAMISON CORNER RD
RELOCATED AT
BOYDS CORNER RD**

CONTRACT
T200912002
COUNTY
NEW CASTLE

ROAD NO.
N15
DESIGNED BY: MFR
CHECKED BY: ASW

**VEHICULAR DETOUR PLAN
WEEKEND CLOSURE ONLY
SR 896/BOYDS CORNER RD
BETWEEN JAMISON CORNER ROAD
EMERSON RD**

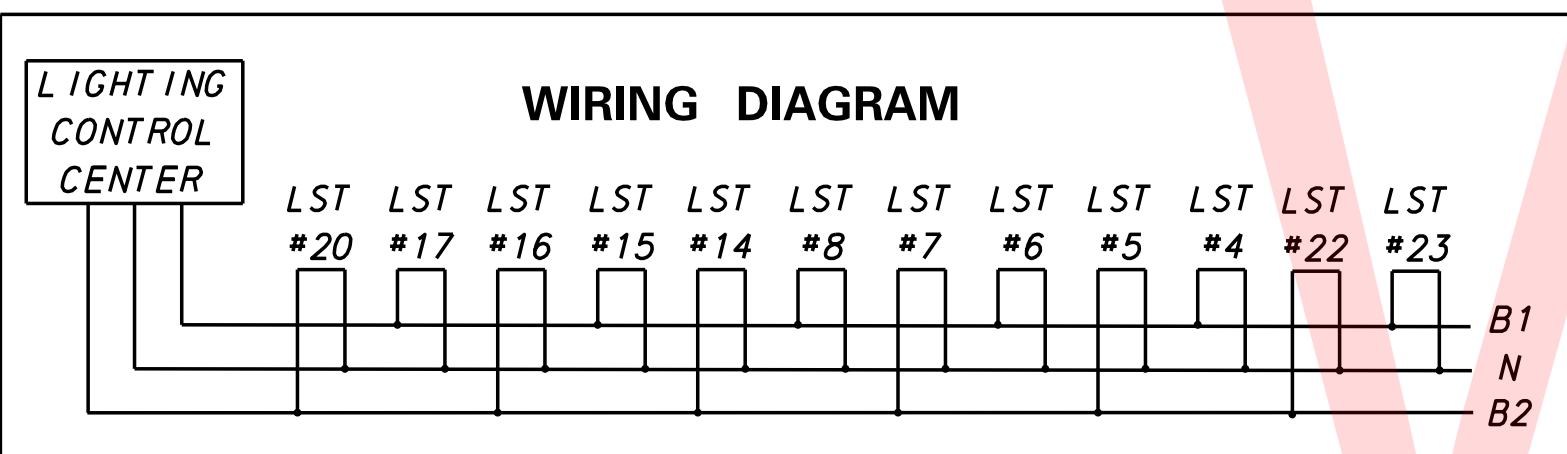
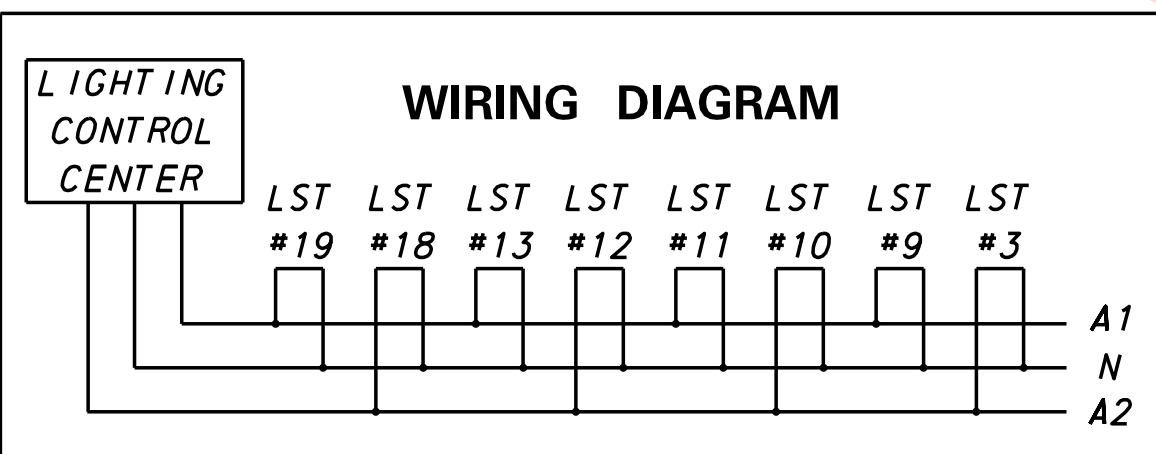
SHEET NO.
97
TOTAL SHTS.
123

I:\DOTFS08\CADD\ACTIVE_DESIGN\TRAFFIC\USERS\PETERS\CANAL_DISTRICT\CTP\T200912002 - JAMISON CORNER ROAD, RELOCATED AT BOYDS CORNER ROAD\BOYDS CORNER RD-SR 896 (N15).DGN

LIGHTING SERVICE SCHEDULE				
CONDUIT RUN	DISTANCE* (L.F.)	NUMBER OF CONDUITS	CONDUIT SIZE	AMOUNT AND TYPE OF CABLE/WIRE
CO-1	170'	1	4.0"	(2) #4 + (1) #4 GND
CO-2	165'	1	4.0"	(3) #2 + (1) #2 GND
CO-30	110'	1	4.0"	(3) #2 + (1) #2 GND
CO-31	130'	1	4.0"	(3) #2 + (1) #2 GND
CO-32	110'	1	4.0"	(2) #2 + (1) #2 GND

*SERVICE RUN DISTANCE REFLECTS CONDUIT LENGTHS ONLY.
NOTE: ALL CONDUITS SHALL BE SCHEDULE 80 PVC UNLESS OTHERWISE NOTED.

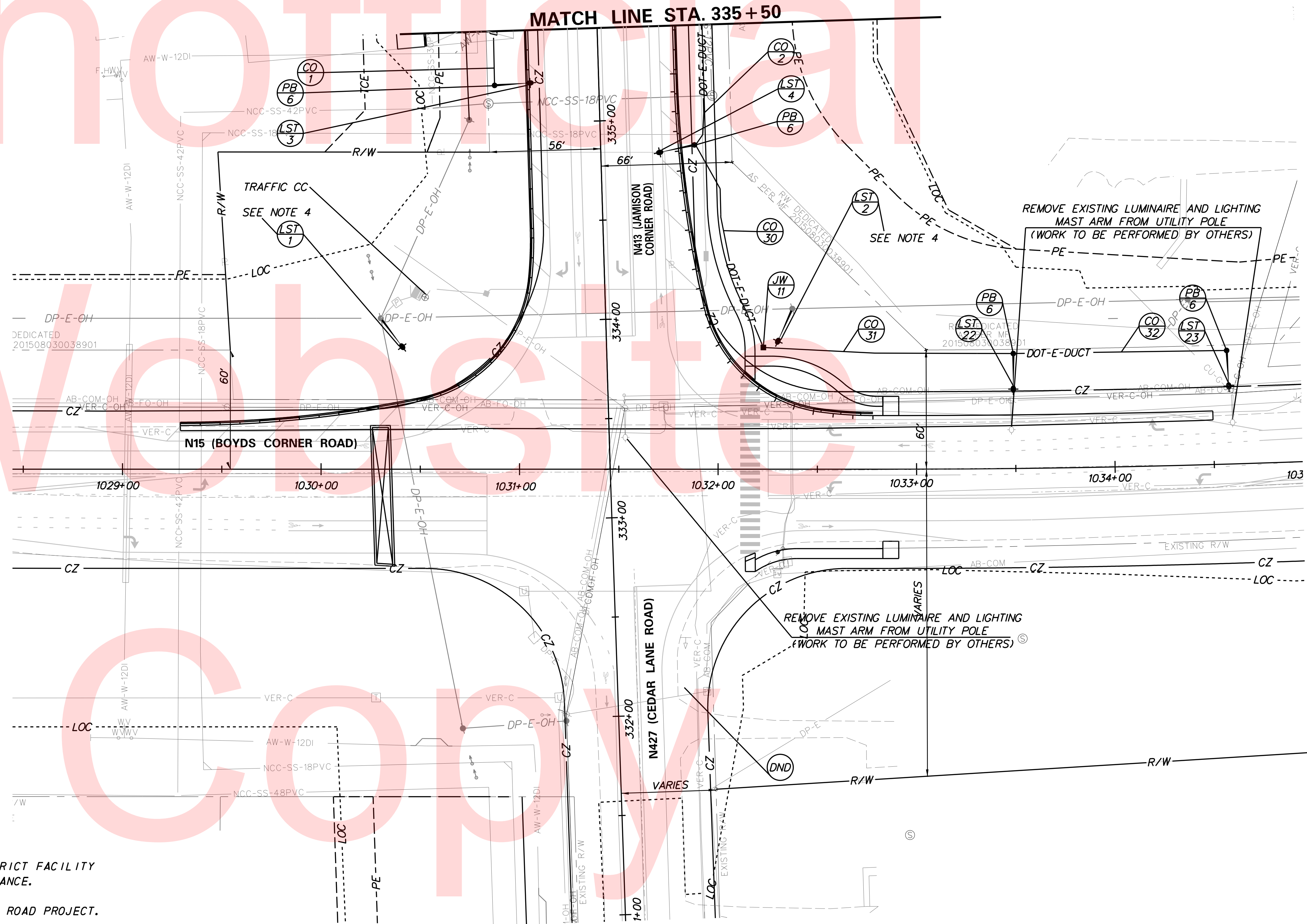
LEGEND	
	LIGHTING SERVICE IDENTIFIER
	LIGHTING STANDARD IDENTIFIER



- NOTES:
- ALL LIGHTING STANDARD POLE BASES SHALL BE TYPE 6.
 - ALL LIGHTING JUNCTION WELLS SHALL BE TYPE 11, UNLESS OTHERWISE NOTED.
 - LIGHTING CIRCUITS ARE AS NOTED IN LIGHTING SERVICE SCHEDULE.
 - LUMINAIRES ON UTILITY POLES TO BE INSTALLED, OWNED AND MAINTAINED BY UTILITY COMPANY. ANY LIGHTING FIXTURES MOUNTED ON THE UTILITY POLES SHOULD BE MOUNTED 25' ABOVE THE GROUND.
 - LOCATION OF CONDUIT MAY BE ADJUSTED IN FIELD TO AVOID EXISTING OR OTHER PROPOSED CONSTRUCTION FEATURES, SUBJECT TO APPROVAL OF THE ENGINEER. ALL CONDUITS AND POLES SHALL BE LOCATED WITHIN EXISTING/PROPOSED RIGHT-OF-WAY OR PERMANENT EASEMENT.
 - COORDINATE THE INSTALLATION OF ITMS MULTIDUCT CONDUIT AND LIGHTING CONDUIT IN TRENCHES AND BORINGS. REFER TO SIGNING, STRIPING AND CONDUIT PLANS FOR ITMS DETAILS. ITMS AND LIGHTING CABLES SHALL NOT SHARE SAME CONDUIT OR JUNCTION WELL.
 - UNLESS OTHERWISE NOTED, CONDUCTORS SHALL RUN UNSPLICED, CONTINUOUS FROM POINT OF SERVICE TO LIGHT POLE BASE, AND FROM LIGHT POLE BASE TO LIGHT POLE BASE.
 - FOR ACCESS TO DELDOT OWNED LIGHTING EQUIPMENT, CONTACT THE CANAL DISTRICT FACILITY (MONDAY TO FRIDAY, 8AM TO 4PM, 302-326-4460) AT LEAST 48 HOURS IN ADVANCE.
 - THE PLACEMENT OF THE LIGHT POLES ARE BASED ON THE FUTURE BOYDS CORNER ROAD PROJECT.

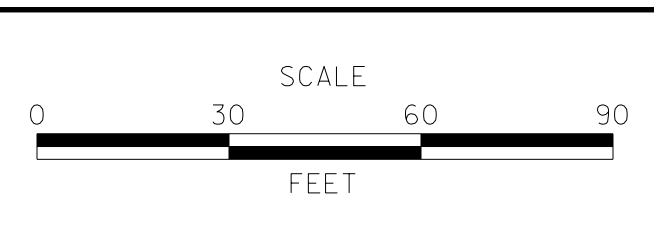
LIGHTING STANDARD SCHEDULE								
NO.	CIRCUIT NO.	STATION	OFFSET	ARM	LIGHT STANDARD	POLE BASE	LUMINAIRE +	LIGHT DISTRIBUTION
1*	N/A	1030+30'	76' LT	15'	UTILITY POLE	N/A	400W, HPS LUMINAIRE	TYPE 2
2*	N/A	1032+37'	81' LT	15'	UTILITY POLE	N/A	400W, HPS LUMINAIRE	TYPE 2
3	A2	335+19'	53' LT	15'	30' ALUMINUM LIGHT POLE	TYPE 6	250W, HPS LUMINAIRE	TYPE 3
4	B1	334+87'	47' RT	15'	30' ALUMINUM LIGHT POLE	TYPE 6	250W, HPS LUMINAIRE	TYPE 3
22	B2	1033+49'	58' LT	15'	30' ALUMINUM LIGHT POLE	TYPE 6	250W, HPS LUMINAIRE	TYPE 3
23	B1	1034+58'	57' LT	15'	30' ALUMINUM LIGHT POLE	TYPE 6	250W, HPS LUMINAIRE	TYPE 3

* INSTALLED BY OTHERS
+ SEE SPECIFICATION FOR LUMINAIRE MODEL NUMBER
W = WATT
HPS = HIGH PRESSURE SODIUM LAMP
ETR = EXISTING TO REMAIN



PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\101.DGN [SHEET: 101]

ADDENDUMS / REVISIONS



**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

CONTRACT	BRIDGE NO.
T200912002	
COUNTY	DESIGNED BY: GMY
NEW CASTLE	CHECKED BY: MAW

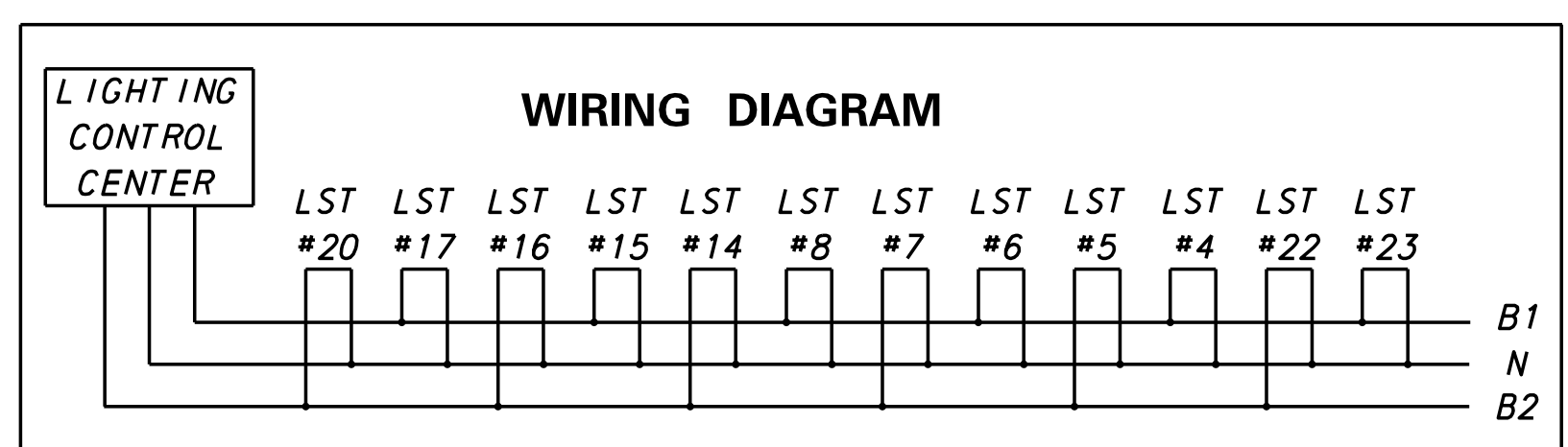
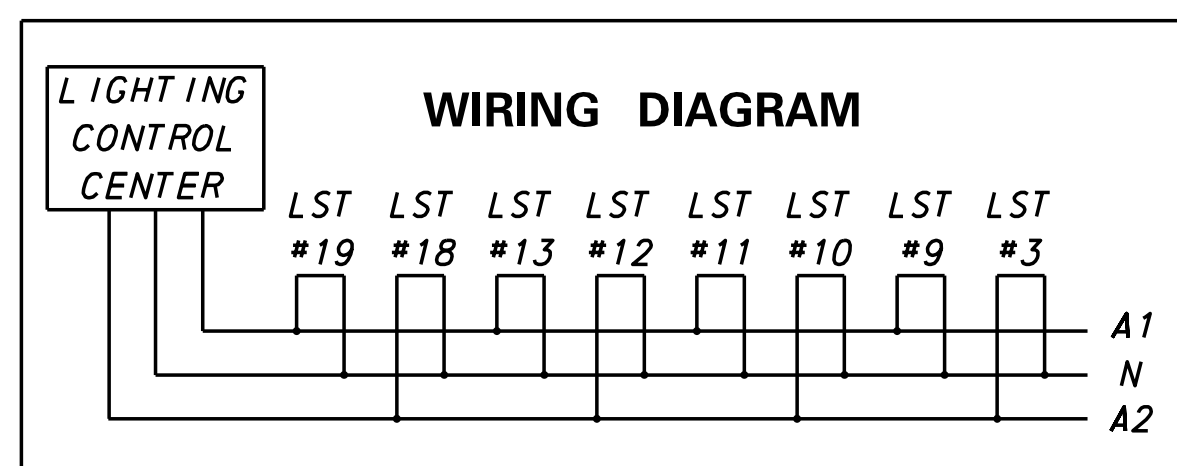
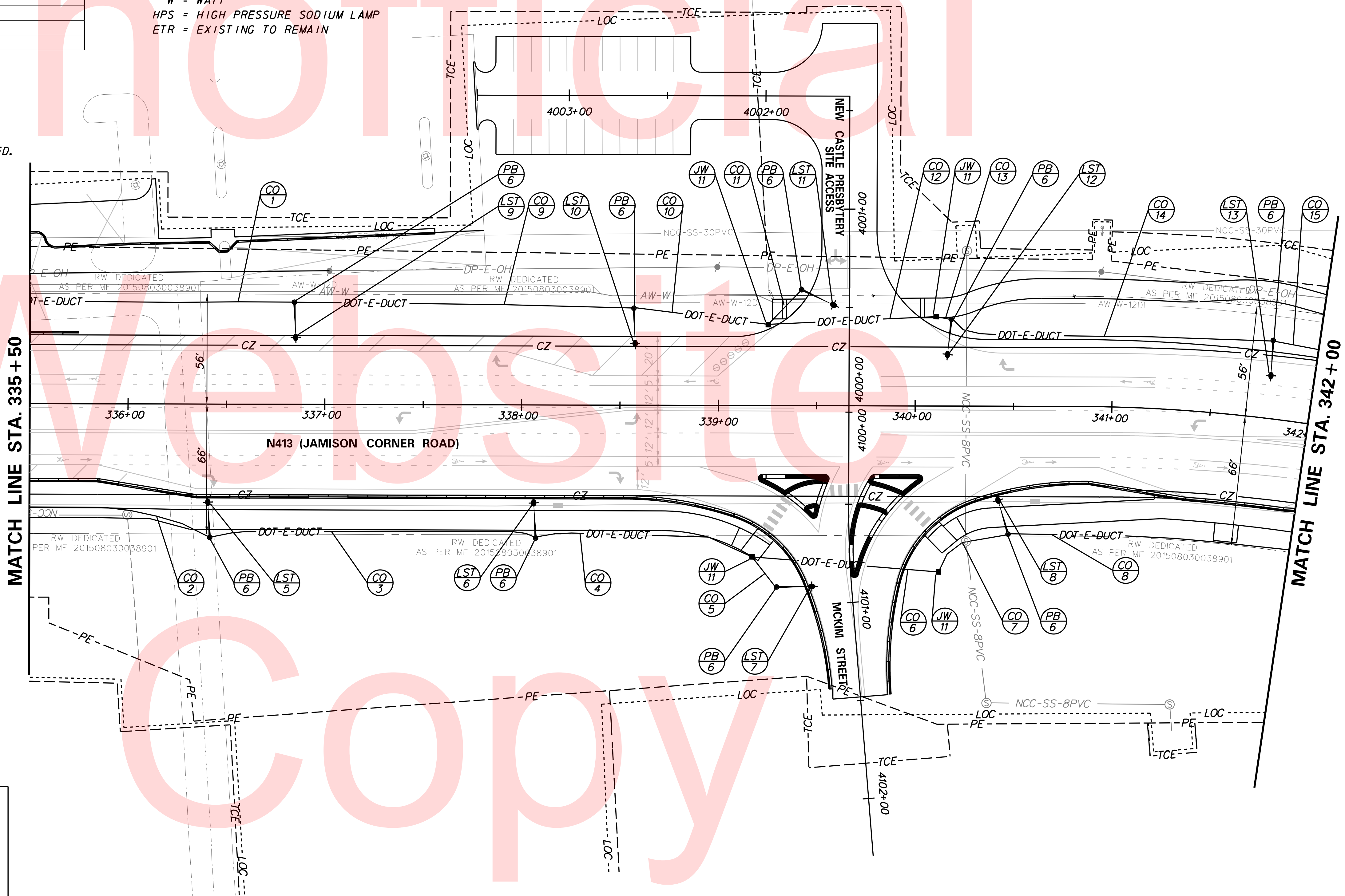
LIGHTING PLAN	
SHEET NO.	98
TOTAL SHTS.	123

LIGHTING SERVICE SCHEDULE				
CONDUIT RUN	DISTANCE* (L.F.)	NUMBER OF CONDUITS	CONDUIT SIZE	AMOUNT AND TYPE OF CABLE/WIRE
CO-1	INFORMATION PROVIDED ON PREVIOUS SHEET			
CO-2	INFORMATION PROVIDED ON PREVIOUS SHEET			
CO-3	170'	1	4.0"	(3) #2 + (1) #2 GND
CO-4	115'	1	4.0"	(3) #2 + (1) #2 GND
CO-5	35'	1	4.0"	(2) #2 + (1) #2 GND
CO-6	100'	1	4.0"	(3) #2 + (1) #2 GND
CO-7	45'	1	4.0"	(3) #2 + (1) #2 GND
CO-8	185'	1	4.0"	(3) #2 + (1) #2 GND
CO-9	175'	1	4.0"	(3) #4 + (1) #4 GND
CO-10	70'	1	4.0"	(3) #4 + (1) #4 GND
CO-11	30'	1	4.0"	(2) #4 + (1) #4 GND
CO-12	90'	1	4.0"	(3) #4 + (1) #4 GND
CO-13	10'	1	4.0"	(3) #4 + (1) #4 GND
CO-14	165'	1	4.0"	(3) #4 + (1) #4 GND
CO-15	175'	1	4.0"	(3) #4 + (1) #4 GND

LIGHTING STANDARD SCHEDULE								
NO.	CIRCUIT NO.	STATION	OFFSET	ARM	LIGHT STANDARD	POLE BASE	LUMINAIRE +	LIGHT DISTRIBUTION
5	B2	336+42'	68' RT	15'	30' ALUMINUM LIGHT POLE	TYPE 6	250W, HPS LUMINAIRE	TYPE 3
6	B1	338+07'	68' RT	15'	30' ALUMINUM LIGHT POLE	TYPE 6	250W, HPS LUMINAIRE	TYPE 3
7	B2	339+30'	92' RT	15'	30' ALUMINUM LIGHT POLE	TYPE 6	250W, HPS LUMINAIRE	TYPE 3
8	B1	340+47'	65' RT	15'	30' ALUMINUM LIGHT POLE	TYPE 6	250W, HPS LUMINAIRE	TYPE 3
9	A1	336+84'	52' LT	15'	30' ALUMINUM LIGHT POLE	TYPE 6	250W, HPS LUMINAIRE	TYPE 3
10	A2	338+57'	49' LT	15'	30' ALUMINUM LIGHT POLE	TYPE 6	250W, HPS LUMINAIRE	TYPE 3
11	A1	339+42'	59' LT	15'	30' ALUMINUM LIGHT POLE	TYPE 6	250W, HPS LUMINAIRE	TYPE 3
12	A2	340+18'	44' LT	15'	30' ALUMINUM LIGHT POLE	TYPE 6	250W, HPS LUMINAIRE	TYPE 3
13	A1	341+78'	40' LT	15'	30' ALUMINUM LIGHT POLE	TYPE 6	250W, HPS LUMINAIRE	TYPE 3

+ SEE SPECIFICATION FOR LUMINAIRE MODEL NUMBER
 * INSTALLED BY OTHERS
 W = WATT
 HPS = HIGH PRESSURE SODIUM LAMP
 ETR = EXISTING TO REMAIN

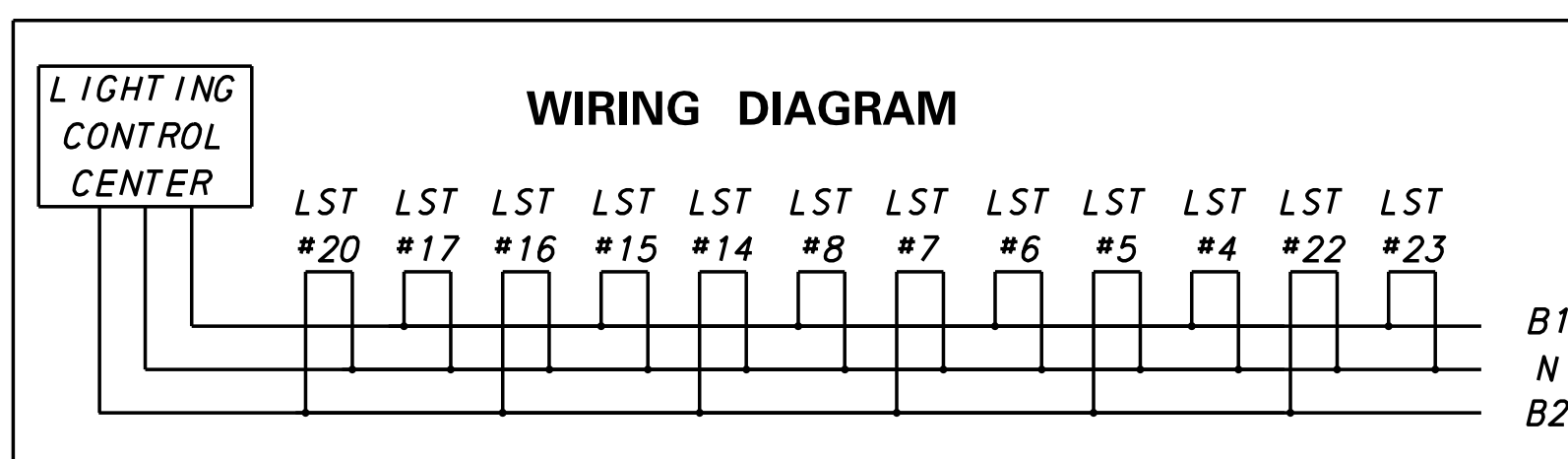
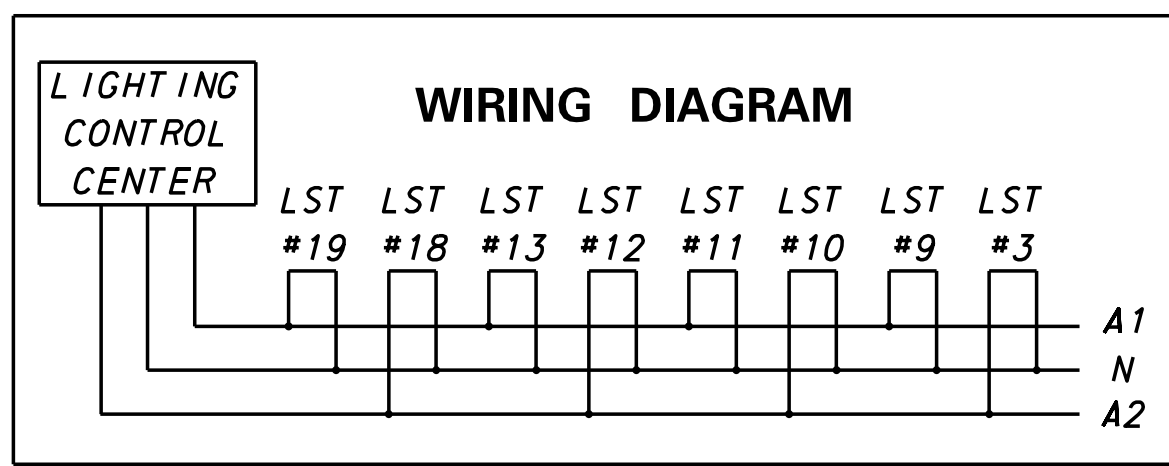
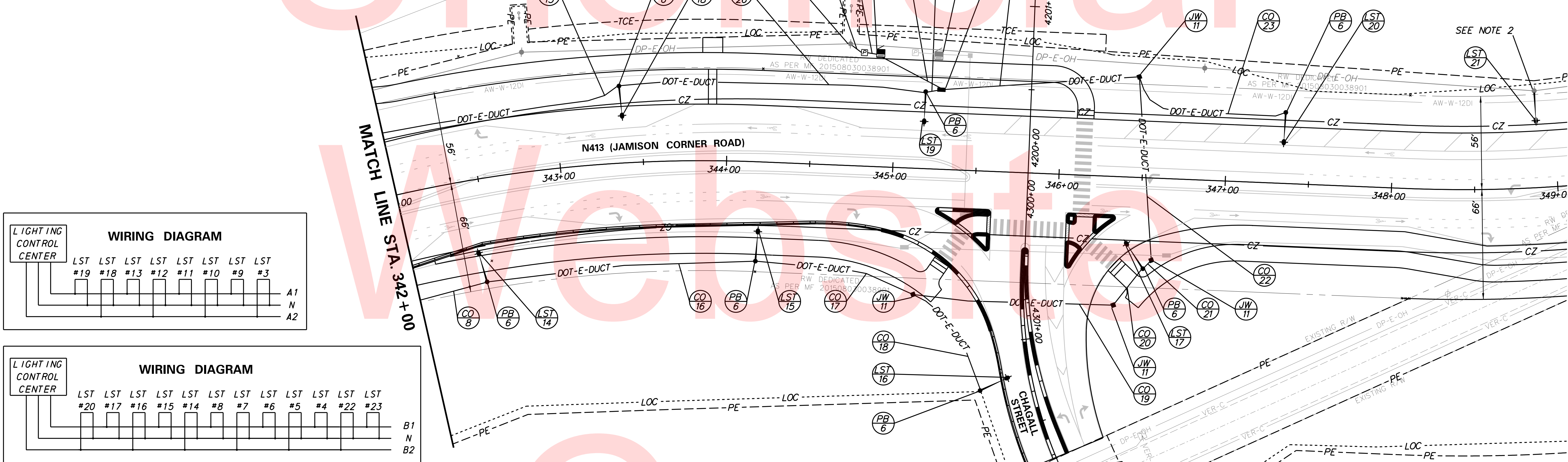
*SERVICE RUN DISTANCE REFLECTS CONDUIT LENGTHS ONLY.
 NOTE: ALL CONDUITS SHALL BE SCHEDULE 80 PVC UNLESS OTHERWISE NOTED.



PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR_VL02.DGN [SHEET: L102]

LIGHTING SERVICE SCHEDULE				
CONDUIT RUN	DISTANCE* (L.F.)	NUMBER OF CONDUITS	CONDUIT SIZE	AMOUNT AND TYPE OF CABLE/WIRE
CO-8	INFORMATION PROVIDED ON PREVIOUS SHEET			
CO-15	INFORMATION PROVIDED ON PREVIOUS SHEET			
CO-16	165'	1	4.0"	(3) #2 + (1) #2 GND
CO-17	100'	1	4.0"	(3) #2 + (1) #2 GND
CO-18	75'	1	4.0"	(2) #2 + (1) #2 GND
CO-19	125'	1	4.0"	(3) #2 + (1) #2 GND
CO-20	30'	1	4.0"	(3) #2 + (1) #2 GND
CO-21	10'	1	4.0"	(3) #2 + (1) #2 GND
CO-22	115'	1	4.0"	(3) #2 + (1) #2 GND
CO-23	110'	1	4.0"	(2) #2 + (1) #2 GND
CO-24	120'	1	4.0"	(3) #2 + (1) #2 GND
CO-25	10'	1	4.0"	(3) #4 + (1) #4 GND
CO-26	185'	1	4.0"	(3) #4 + (1) #4 GND
CO-27	45'	3	4.0"	(3) #4 + (1) #4 GND, (3) #2 + (1) #2 GND
CO-28	15'	1 (GALV. STEEL)	2.5"	(3) #1/0 + (1) #1/0 GND
CO-29	15'	1 (GALV. STEEL)	2.5"	(3) #1/0 + (1) #1/0 GND

*SERVICE RUN DISTANCE REFLECTS CONDUIT LENGTHS ONLY.
NOTE: ALL CONDUITS SHALL BE SCHEDULE 80 PVC UNLESS OTHERWISE NOTED.



LIGHTING STANDARD SCHEDULE								
NO.	CIRCUIT NO.	STATION	OFFSET	ARM	LIGHT STANDARD	POLE BASE	LUMINAIRE +	LIGHT DISTRIBUTION
14	B2	342+45'	62' RT	15'	30' ALUMINUM LIGHT POLE	TYPE 6	250W, HPS LUMINAIRE	TYPE 3
15	B1	344+20'	60' RT	15'	30' ALUMINUM LIGHT POLE	TYPE 6	250W, HPS LUMINAIRE	TYPE 3
16	B2	345+58'	132' RT	15'	30' ALUMINUM LIGHT POLE	TYPE 6	250W, HPS LUMINAIRE	TYPE 3
17	B1	346+53'	55' RT	15'	30' ALUMINUM LIGHT POLE	TYPE 6	400W, HPS LUMINAIRE	TYPE 2
18	A2	343+38'	46' LT	15'	30' ALUMINUM LIGHT POLE	TYPE 6	250W, HPS LUMINAIRE	TYPE 3
19	A1	345+18'	46' LT	15'	30' ALUMINUM LIGHT POLE	TYPE 6	400W, HPS LUMINAIRE	TYPE 2
20	B2	347+35'	43' LT	15'	30' ALUMINUM LIGHT POLE	TYPE 6	250W, HPS LUMINAIRE	TYPE 3
21*	N/A	348+89'	58' LT	15'	UTILITY POLE	N/A	250W, HPS LUMINAIRE	TYPE 3

* SEE SPECIFICATION FOR LUMINAIRE MODEL NUMBER

* INSTALLED BY OTHERS
W = WATT

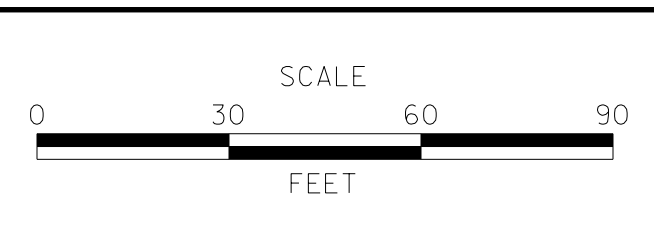
HPS = HIGH PRESSURE SODIUM LAMP
ETR = EXISTING TO REMAIN

NOTES:
1) THE 120V/240V POWER CONNECTION FOR THE PROPOSED LIGHTING SYSTEM WILL PULL FROM THE PROPOSED UTILITY POLE AT STATION 344+72', OFFSET 73' LEFT.
2) LUMINAIRES ON UTILITY POLES TO BE INSTALLED, OWNED AND MAINTAINED BY UTILITY COMPANY. ANY LIGHTING FIXTURES MOUNTED ON THE UTILITY POLES SHOULD BE MOUNTED 25' ABOVE THE GROUND.

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\LI03.DGN [SHEET: LI03]



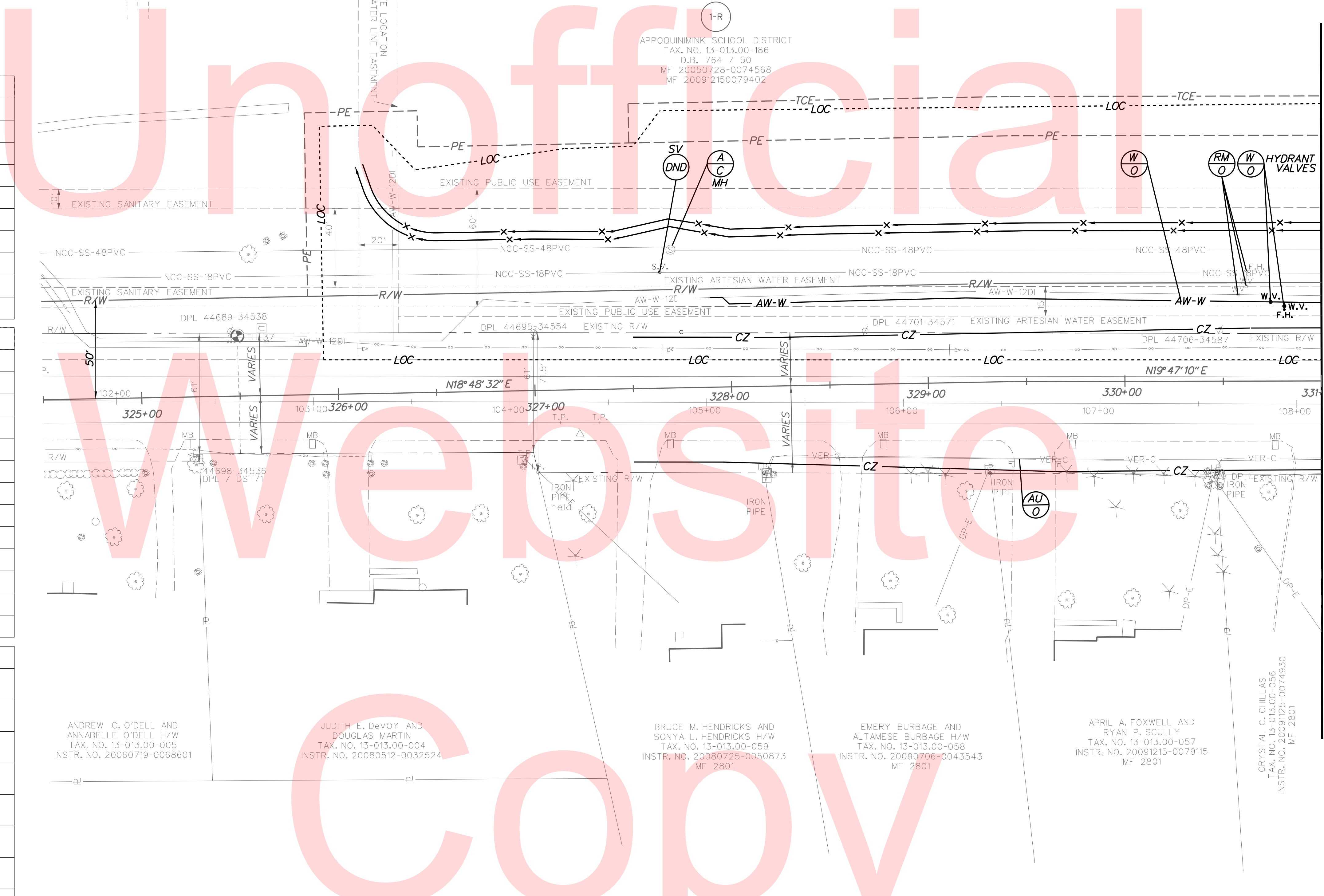
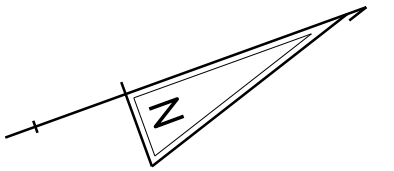
ADDENDUMS / REVISIONS	



**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

CONTRACT	BRIDGE NO.	LIGHTING PLAN
T200912002	DESIGNED BY: GMY	
COUNTY	CHECKED BY: MAW	
NEW CASTLE		

SHEET NO.	100
TOTAL SHTS.	123



IDENTIFIERS	
	ABANDON UTILITY BY CONTRACTOR
	ABANDON UTILITY BY OTHERS
	WORK BY OTHERS
	RELOCATE BY OTHERS
	RELOCATE BY CONTRACTOR
	WATER ACCESSORIES
	WATER MAIN
	SANITARY ACCESSORIES
	SANITARY PIPE
	SANITARY MANHOLE

UTILITY SYMBOLS	
	POLE MOUNTED LUMINAIRE
	GAS MANHOLE
	GAS VALVE
	SANITARY SEWER MANHOLE
	SANITARY SEWER VALVE
	SANITARY SEWER VENT OR CLEANOUT
	TELEPHONE BOOTH
	TELEPHONE MANHOLE
	UTILITY POLE GUY WIRE ANCHOR
	UTILITY POLE
	WATER - FIRE HYDRANT
	WATER METER
	WATER VALVE

UTILITY SYMBOLS	
	FIBER OPTIC
	END OF SURFACE GEOPHYSICAL INFORMATION
	END OF RECORD INFORMATION
	UTILITY ABANDONED ACCORDING TO UTILITY RECORDS
	UTILITY ABANDONED ACCORDING TO FIELD INSPECTION
	EMPTY ACCORDING TO UTILITY RECORDS
	NO ASSOCIATED PIPING FOUND FROM STRUCTURE
	NO ASSOCIATED CABLES FOUND FROM STRUCTURE

NOTES:
 1. "QUALITY LEVEL A" DATA POINTS INDICATED BY SYMBOL . SEE UTILITY TEST HOLE SCHEDULE FOR ADDITIONAL UTILITY INFORMATION.
 2. ALL "QUALITY LEVEL A" ELEVATIONS ARE FOR THE TOP OF THE UTILITY UNLESS OTHERWISE NOTED.
 3. SANITARY LINES ARE DEPICTED AT "QUALITY LEVEL C" ALL REMAINING DEPICTED AT "QUALITY LEVEL B" UNLESS LABELED "QLC" OR "QLD".

ANDREW C. O'DELL AND ANNABELLE O'DELL H/W
 TAX. NO. 13-013.00-005
 INSTR. NO. 20060719-0068601

JUDITH E. DeVOY AND DOUGLAS MARTIN
 TAX. NO. 13-013.00-004
 INSTR. NO. 20080512-0032524

BRUCE M. HENDRICKS AND SONYA L. HENDRICKS H/W
 TAX. NO. 13-013.00-059
 INSTR. NO. 20080725-0050873
 MF 2801

EMERY BURBAGE AND ALTAMESE BURBAGE H/W
 TAX. NO. 13-013.00-058
 INSTR. NO. 20090706-0043543
 MF 2801

APRIL A. FOXWELL AND RYAN P. SCULLY
 TAX. NO. 13-013.00-057
 INSTR. NO. 20091215-0079115
 MF 2801

CRYSTAL C. CHILLAS
 TAX. NO. 13-013.00-056
 INSTR. NO. 20091125-0074930
 MF 2801

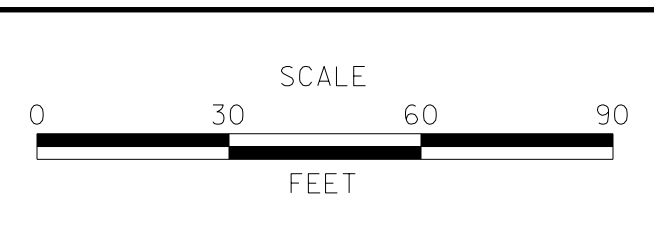
WATER MAIN SCHEDULE		
NO.	SIZE / TYPE	LENGTH
1	12" DIP	376'
2	6" DIP	9'

WATER ACCESSORIES SCHEDULE		
NO.	DESCRIPTION	QUANTITY
1	BEND 45 DEGREES	2
2	SLEEVE	1
3	TEE	1
4	WATER VALVE	2
5	CAP	1

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDCORNERROAD\CADD\JCR\UT01.DGN [SHEET: UT01]



ADDENDUMS / REVISIONS	



**JAMISON CORNER ROAD,
 RELOCATED AT
 BOYDS CORNER ROAD**

CONTRACT	BRIDGE NO.	T200912002	
COUNTY	DESIGNED BY:	NEW CASTLE	BPH
	CHECKED BY:		BPH

UTILITY RELOCATION PLAN		SHEET NO.
		101
		TOTAL SHTS.
		123

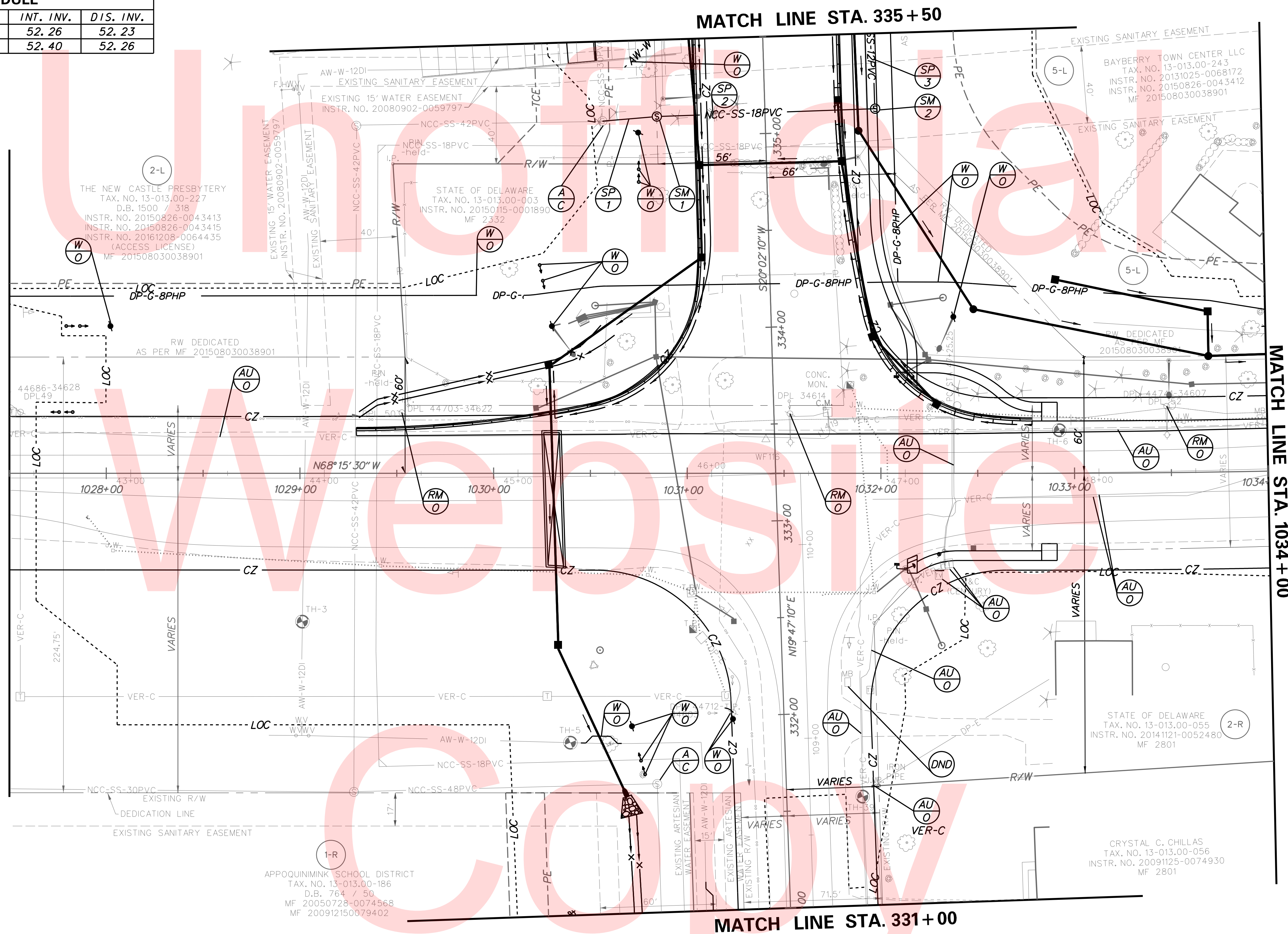
MATCH LINE STA. 331+00

SANITARY MANHOLE SCHEDULE						
NO.	STATION	OFFSET	TYPE/SIZE	T.G. EL.	INV. EL.	
SM-1	335+08.89	55.86' LT	60" ROUND	67.25	52.26	
SM-2	335+12.80	56.95' RT	60" ROUND	65.50	52.40	

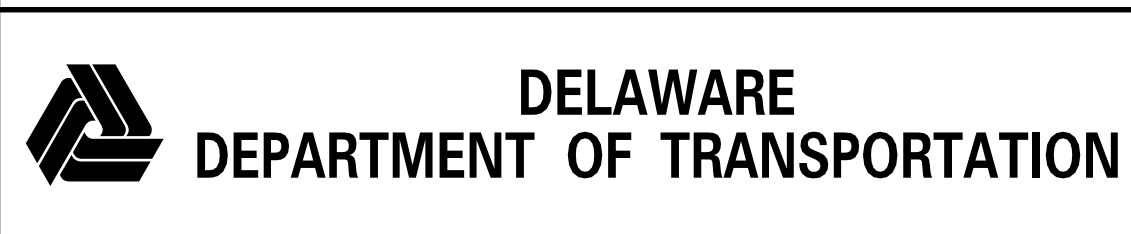
SANITARY PIPE SCHEDULE					
NO.	SIZE/TYPE	FT.	SLOPE	INT. INV.	DIS. INV.
SP-1	18" PVC	26'	0.0012	52.26	52.23
SP-2	18" PVC	113'	0.0012	52.40	52.26

WATER MAIN SCHEDULE		
NO.	SIZE / TYPE	LENGTH
1	12" DIP	53'

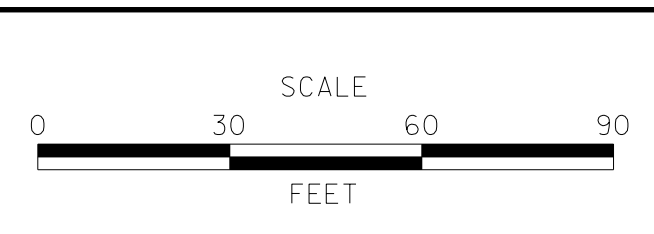
WATER ACCESSORIES SCHEDULE		
NO.	DESCRIPTION	QUANTITY
1	BEND 45 DEGREES	6
2	SLEEVE	3
5	CAP	3



PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\JCR\UT02.DGN [SHEET: UT02]



ADDENDUMS / REVISIONS	



**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: BPH
	CHECKED BY: BPH

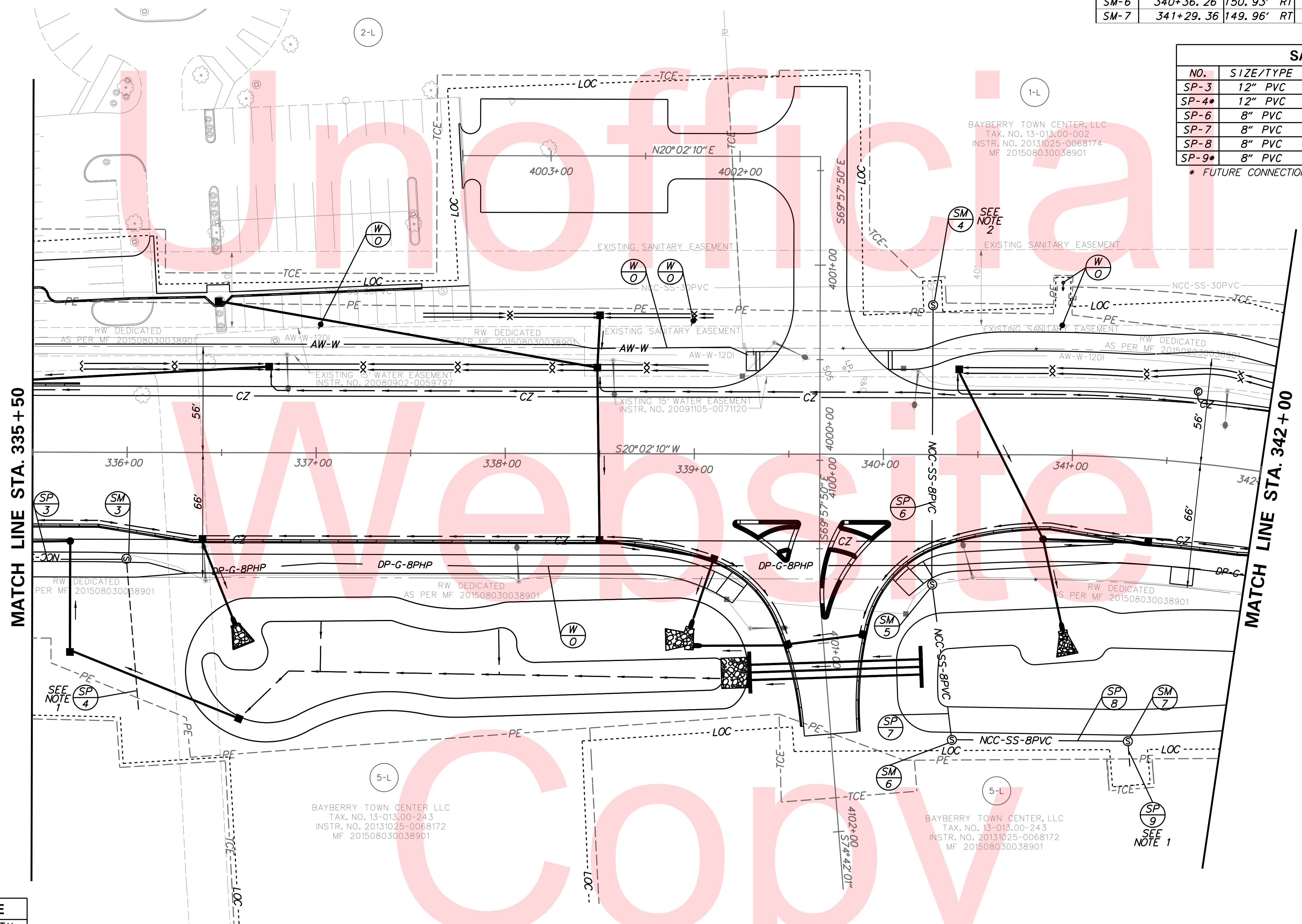
UTILITY RELOCATION PLAN

SHEET NO.	102
TOTAL SHTS.	123

SANITARY MANHOLE SCHEDULE					
NO.	STATION	OFFSET	TYPE/SIZE	T.G. EL.	INV. EL.
SM-3	335+99.61	56.26' RT	60" ROUND	65.55	52.65
SM-4	340+26.32	78.95' LT	48" ROUND	69.60	51.87
SM-5	340+25.83	68.77' RT	48" ROUND	67.30	52.58
SM-6	340+36.26	150.93' RT	48" ROUND	67.15	53.03
SM-7	341+29.36	149.96' RT	48" ROUND	66.81	53.50

SANITARY PIPE SCHEDULE					
NO.	SIZE/TYPE	FT.	SLOPE	INT. INV.	DIS. INV.
SP-3	12" PVC	89'	0.0028	52.65	52.40
SP-4*	12" PVC	78'	0.0050	53.04	52.65
SP-6	8" PVC	139'	0.0051	52.58	51.87
SP-7	8" PVC	85'	0.0053	53.03	52.58
SP-8	8" PVC	93'	0.0051	53.50	53.03
SP-9*	8" PVC	13'	0.0050	53.57	53.50

* FUTURE CONNECTION (BY OTHERS)



WATER MAIN SCHEDULE		
NO.	SIZE / TYPE	LENGTH
1	12" DIP	42'

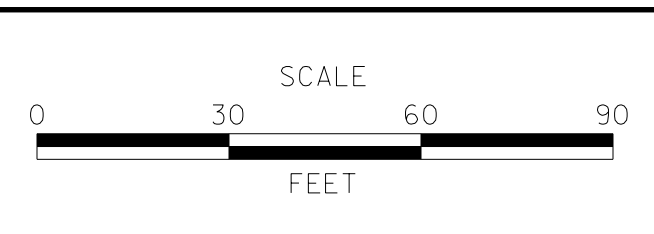
WATER ACCESSORIES SCHEDULE		
NO.	DESCRIPTION	QUANTITY
1	BEND 45 DEGREES	4
2	SLEEVE	2
5	CAP	2

NOTES:
 1. PROVIDE PLUG IN MANHOLE FOR FUTURE CONNECTION.
 2. TIE NEW MANHOLE INTO EXISTING STUB.

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDCORNERROAD\CADD\CADD_JCR\UT03.DGN [SHEET: UT03]



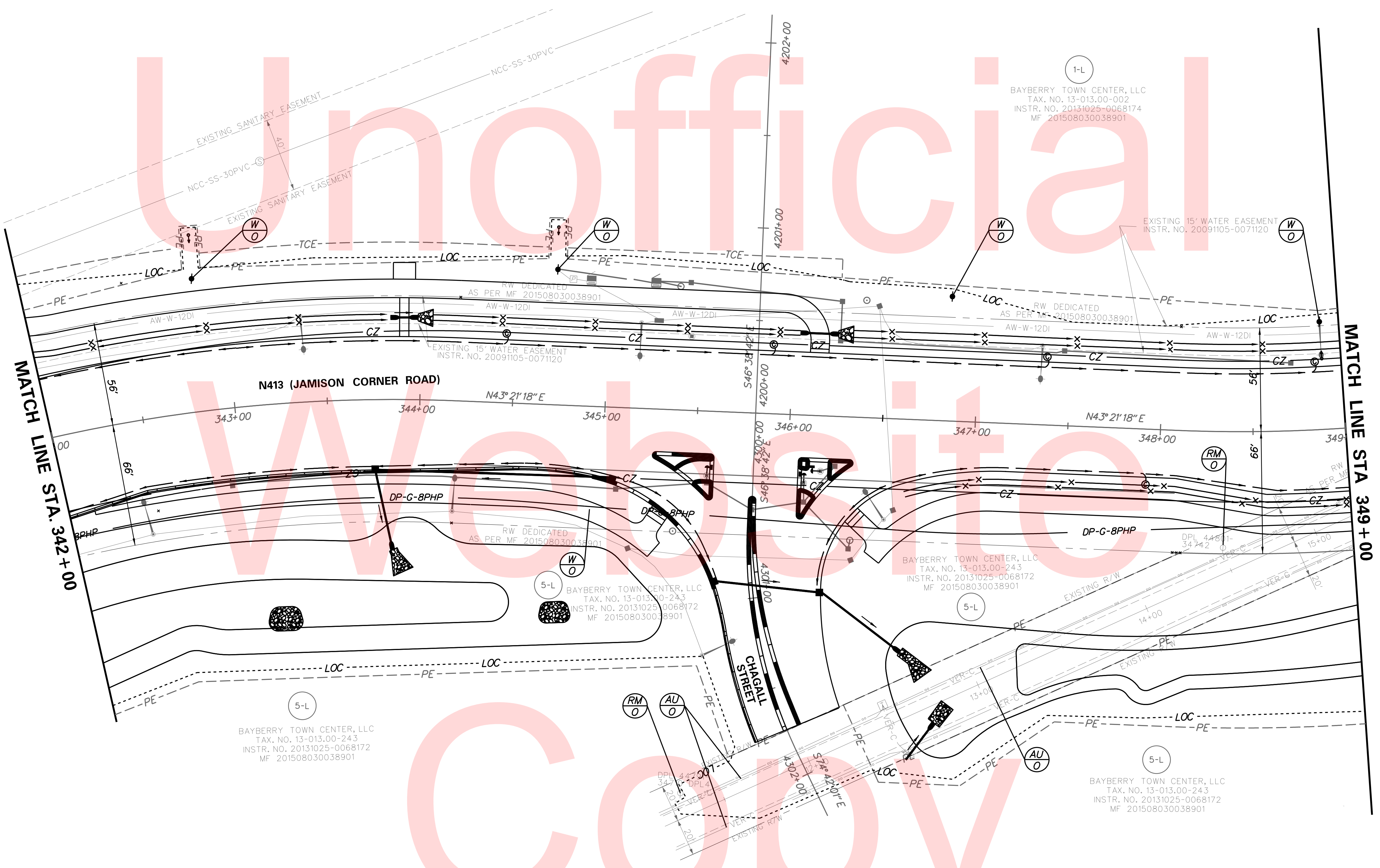
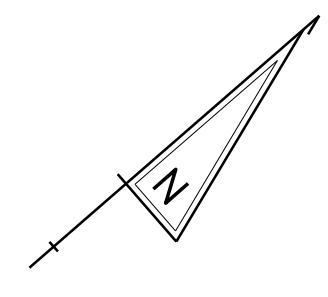
ADDENDUMS / REVISIONS	



**JAMISON CORNER ROAD,
 RELOCATED AT
 BOYDS CORNER ROAD**

CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: BPH
	CHECKED BY: BPH

UTILITY RELOCATION PLAN	SHEET NO. 103
	TOTAL SHTS. 123



Unofficial

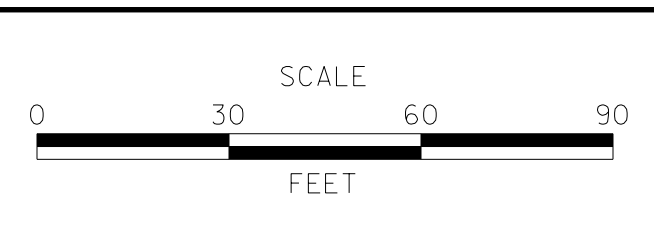
Water Site

Copy

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
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ADDENDUMS / REVISIONS	

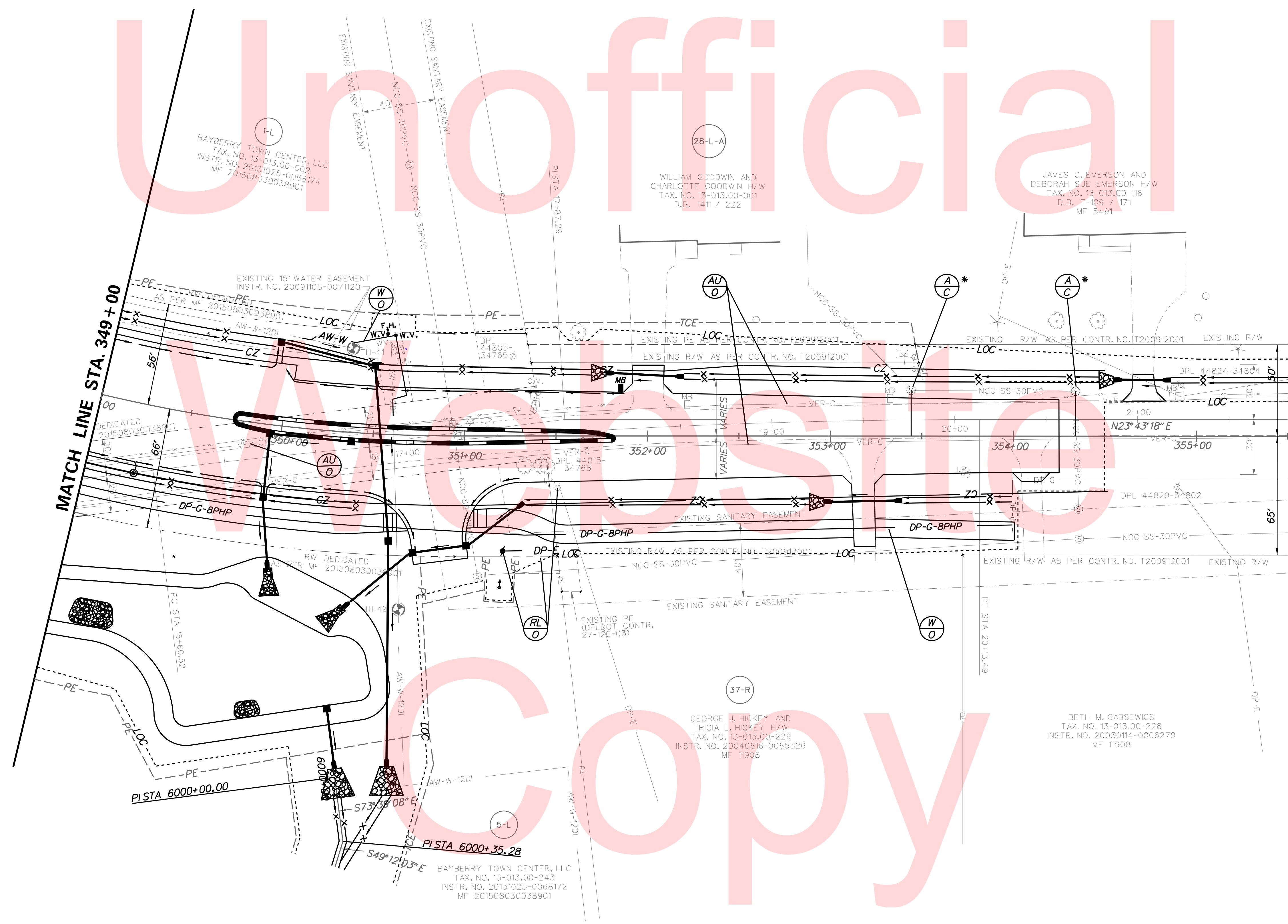
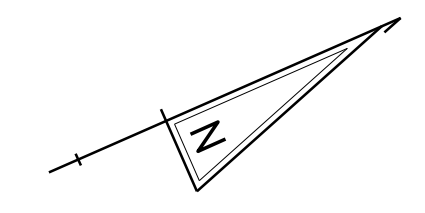


**JAMISON CORNER ROAD,
 RELOCATED AT
 BOYDS CORNER ROAD**

CONTRACT	BRIDGE NO.
T200912002	DESIGNED BY: BPH
COUNTY	CHECKED BY: BPH
NEW CASTLE	

UTILITY RELOCATION PLAN

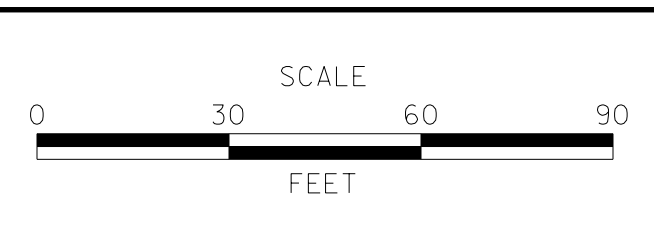
SHEET NO.
104
TOTAL SHTS.
123



*MULTIPLE ADJUSTMENTS WILL BE NECESSARY FOR CONSTRUCTION PHASING



ADDENDUMS / REVISIONS

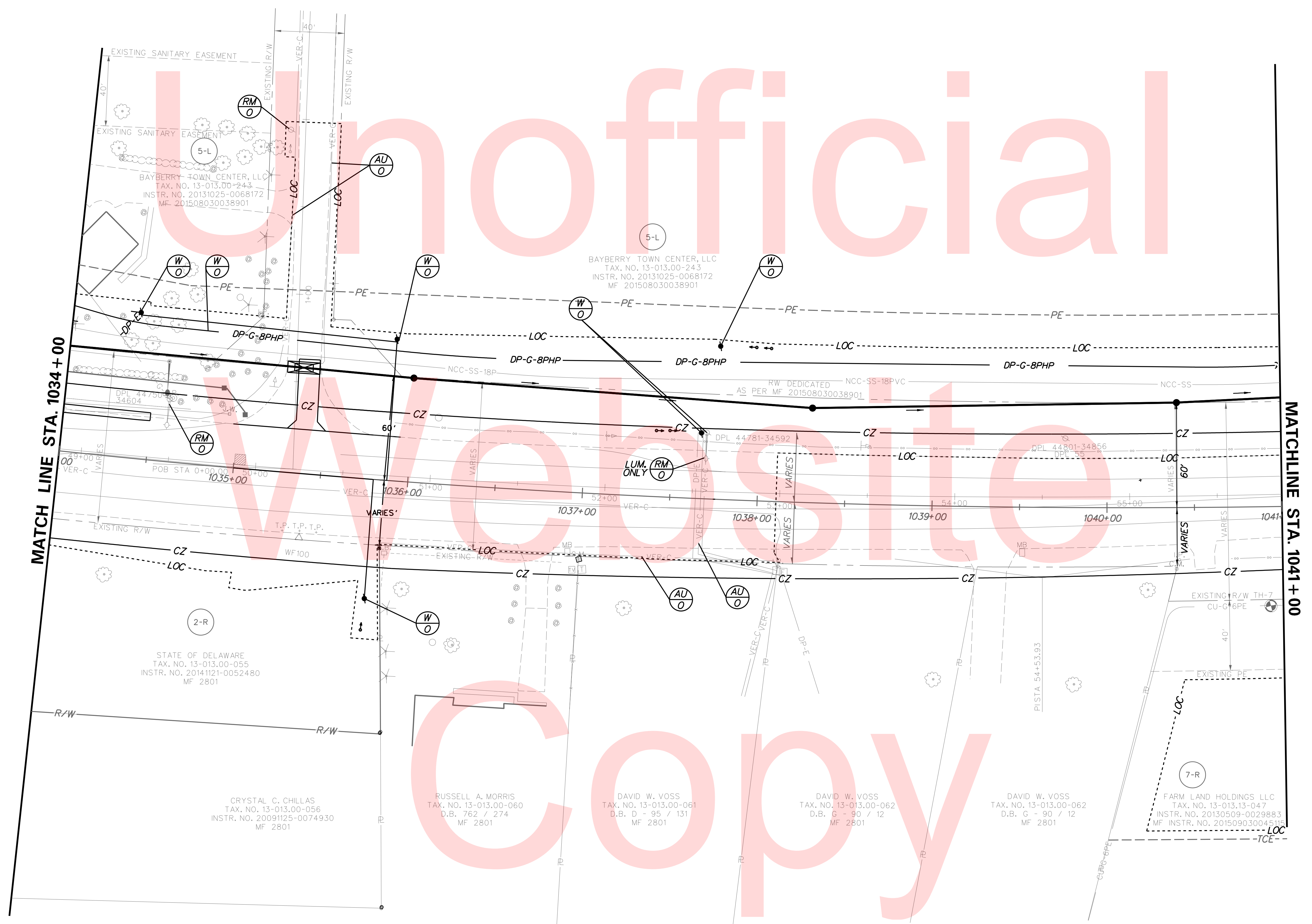
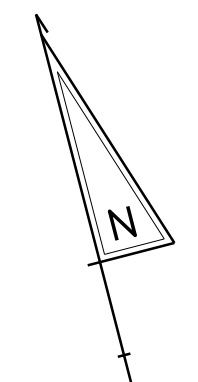


**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

CONTRACT	BRIDGE NO.
T200912002	
COUNTY	DESIGNED BY: BPH
NEW CASTLE	CHECKED BY: BPH

UTILITY RELOCATION PLAN

SHEET NO.
105
TOTAL SHTS.
123



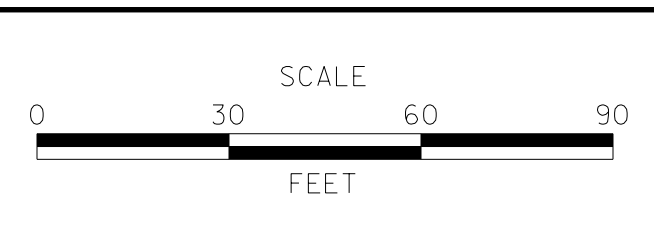
MATCH LINE STA. 1034 + 00

MATCHLINE STA. 1041 + 00

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
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ADDENDUMS / REVISIONS	

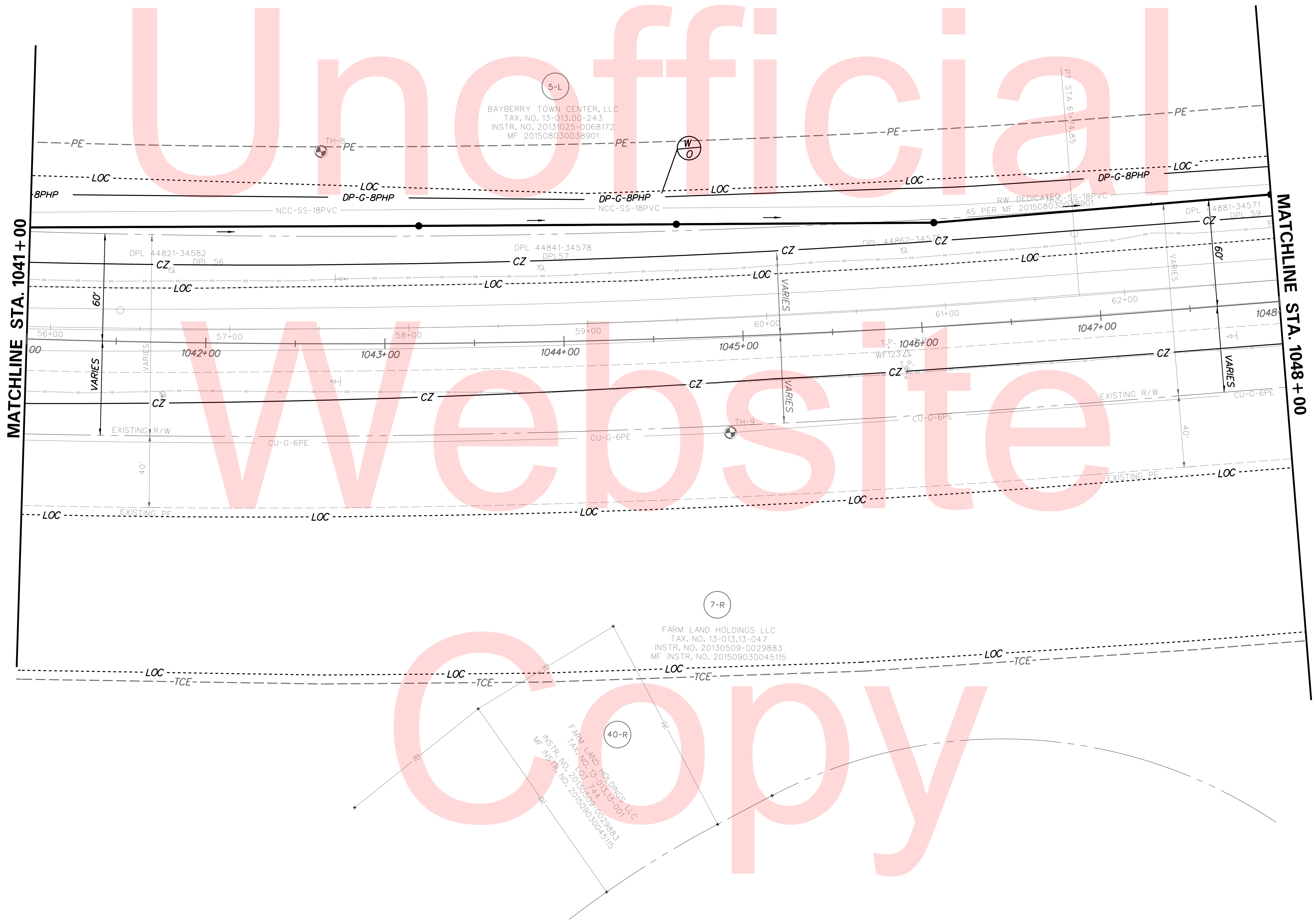
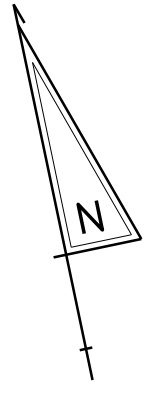


**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: BPH
	CHECKED BY: BPH

UTILITY RELOCATION PLAN

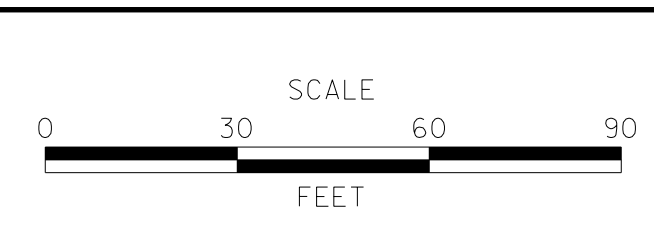
SHEET NO. 106
TOTAL SHTS. 123



PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
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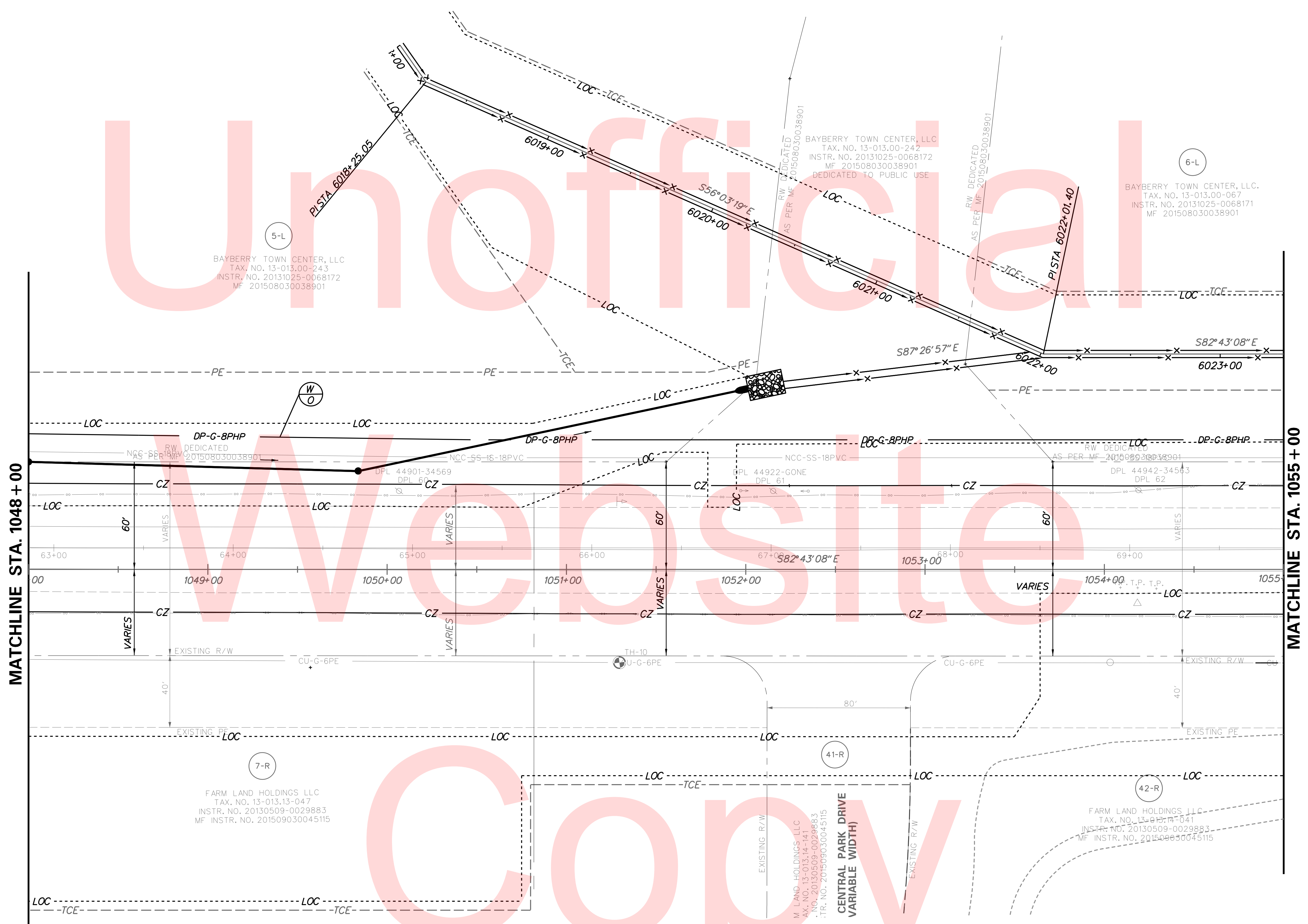
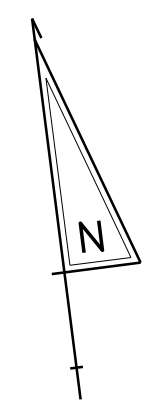
ADDENDUMS / REVISIONS	



**JAMISON CORNER ROAD,
 RELOCATED AT
 BOYDS CORNER ROAD**

CONTRACT	BRIDGE NO.	UTILITY RELOCATION PLAN
T200912002	DESIGNED BY: BPH	
COUNTY	CHECKED BY: BPH	
NEW CASTLE		

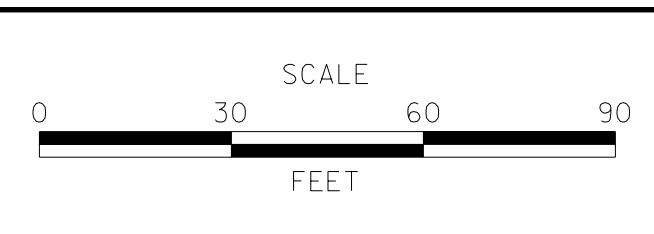
SHEET NO.	107
TOTAL SHTS.	123



PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
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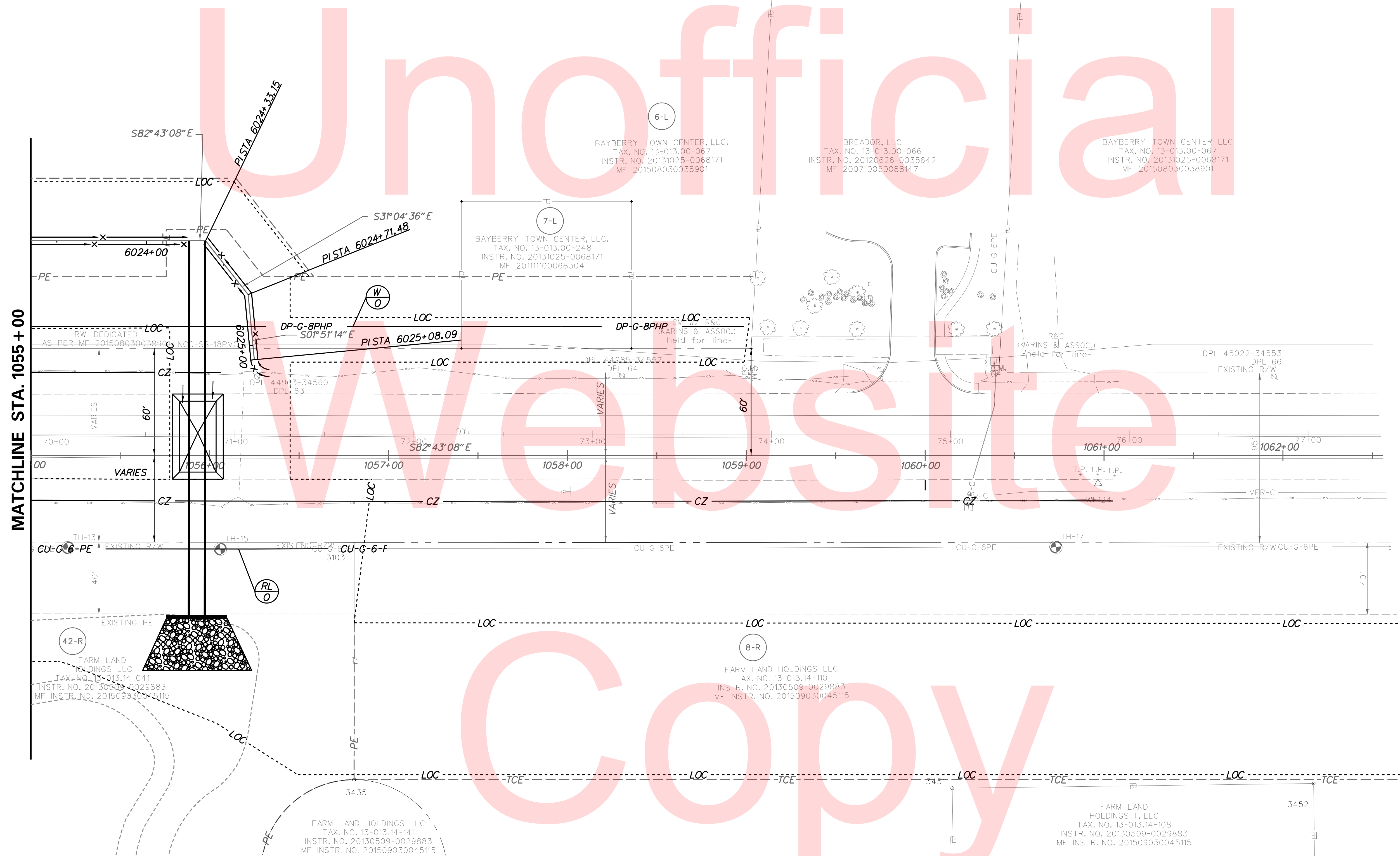
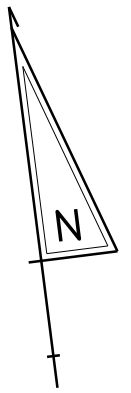
ADDENDUMS / REVISIONS	



**JAMISON CORNER ROAD,
 RELOCATED AT
 BOYDS CORNER ROAD**

CONTRACT	BRIDGE NO.	UTILITY RELOCATION PLAN
T200912002	DESIGNED BY: BPH	
COUNTY	CHECKED BY: BPH	
NEW CASTLE		

SHEET NO.	108
TOTAL SHTS.	123

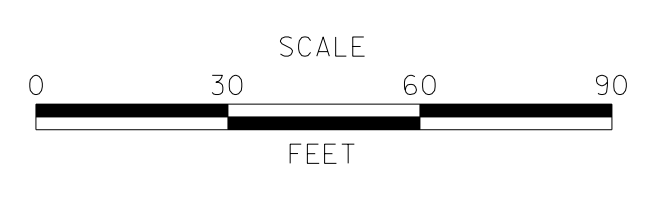


MATCHLINE STA. 1055 + 00

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDDTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR_UT12.DGN [SHEET: UT12]



ADDENDUMS / REVISIONS	



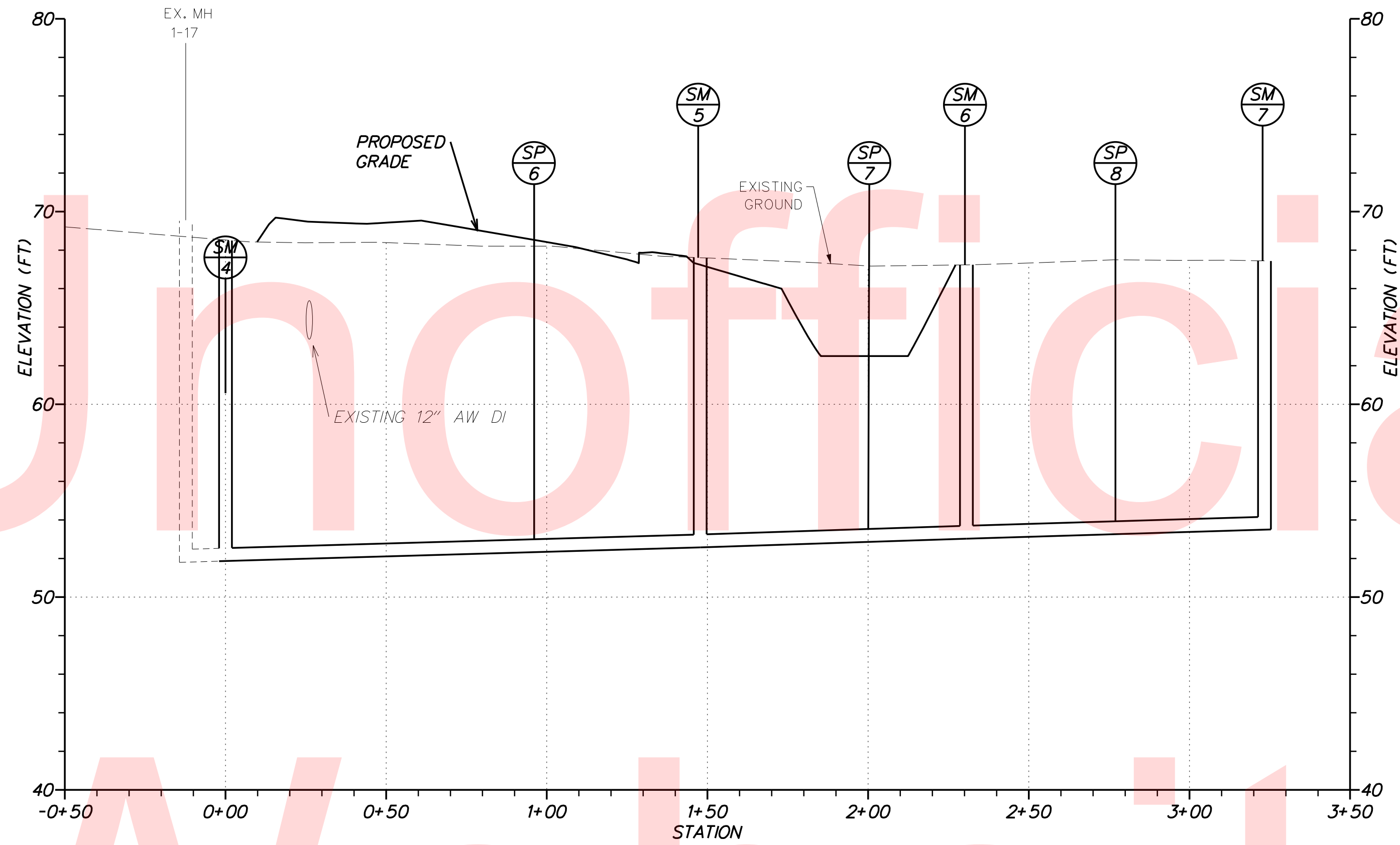
**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY:
	CHECKED BY: BPH

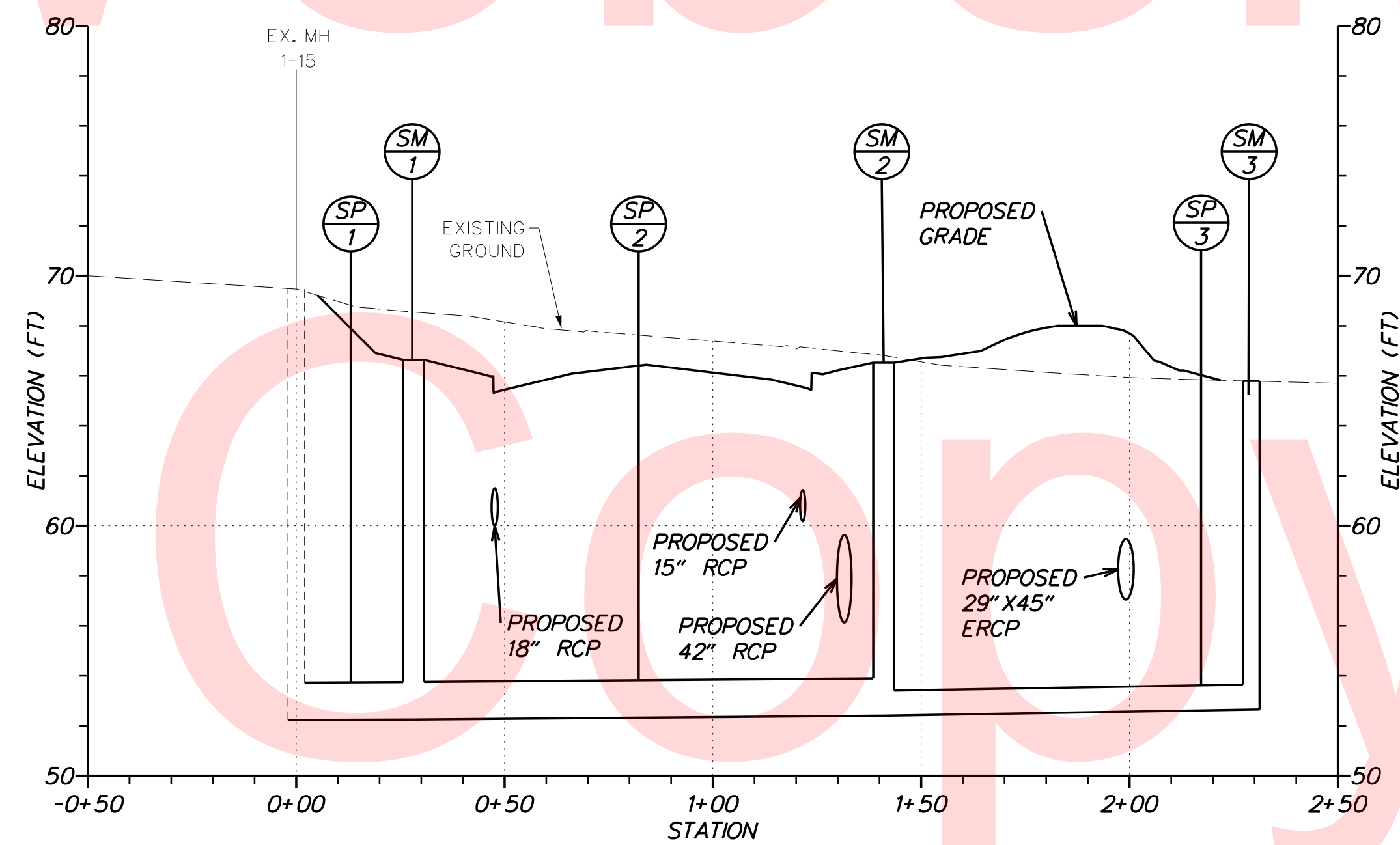
UTILITY RELOCATION PLAN

SHEET NO. 109
TOTAL SHTS. 123

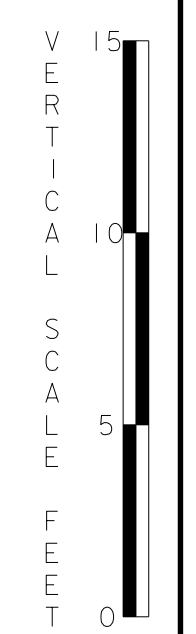
PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\JCR_UT_PFO1.DGN [SHEET: UT_PFO1]



Sewer Run 2



Sewer Run 1



ADDENDUMS / REVISIONS



**JAMISON CORNER ROAD,
 RELOCATED AT
 BOYDS CORNER ROAD**

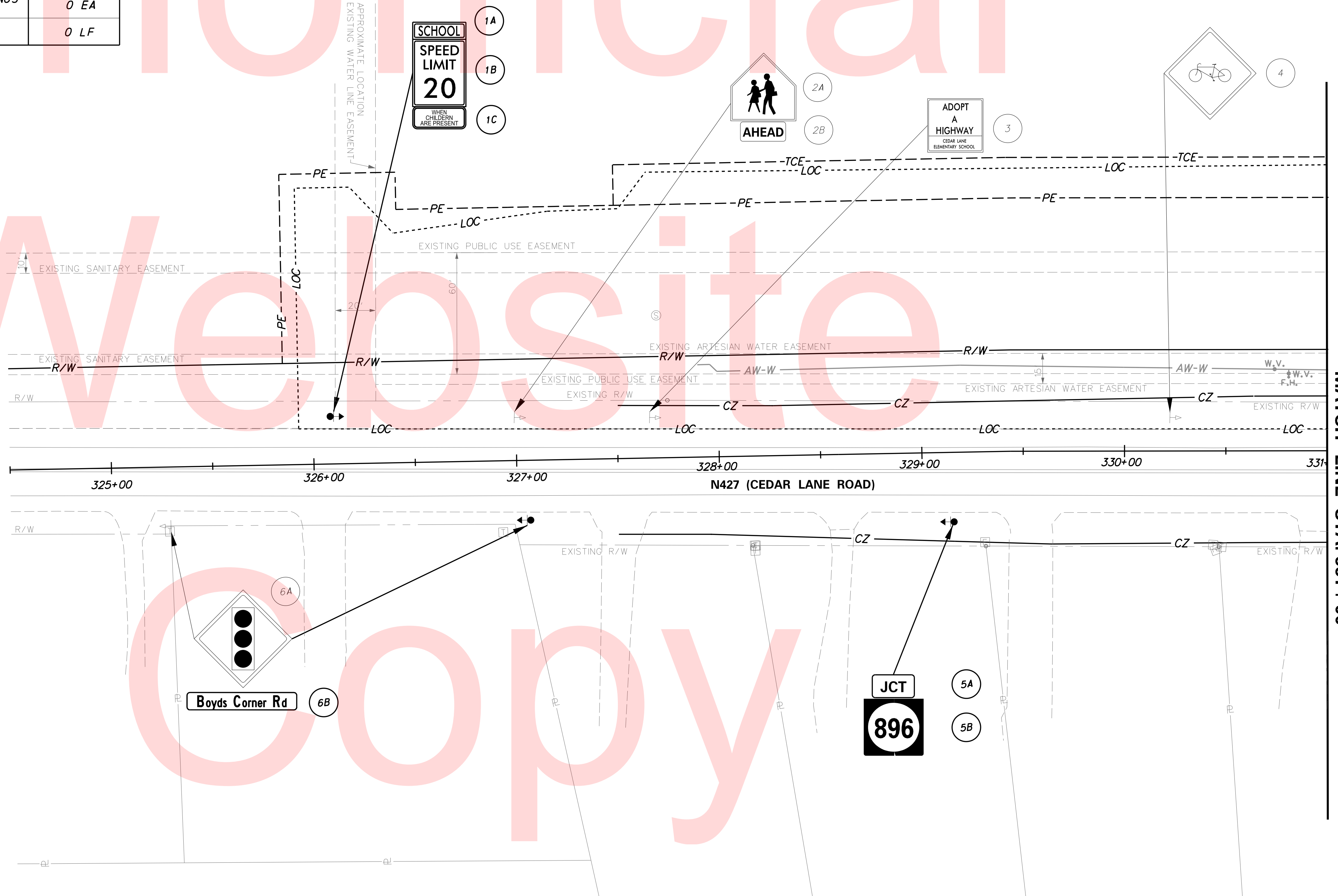
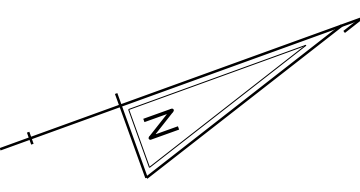
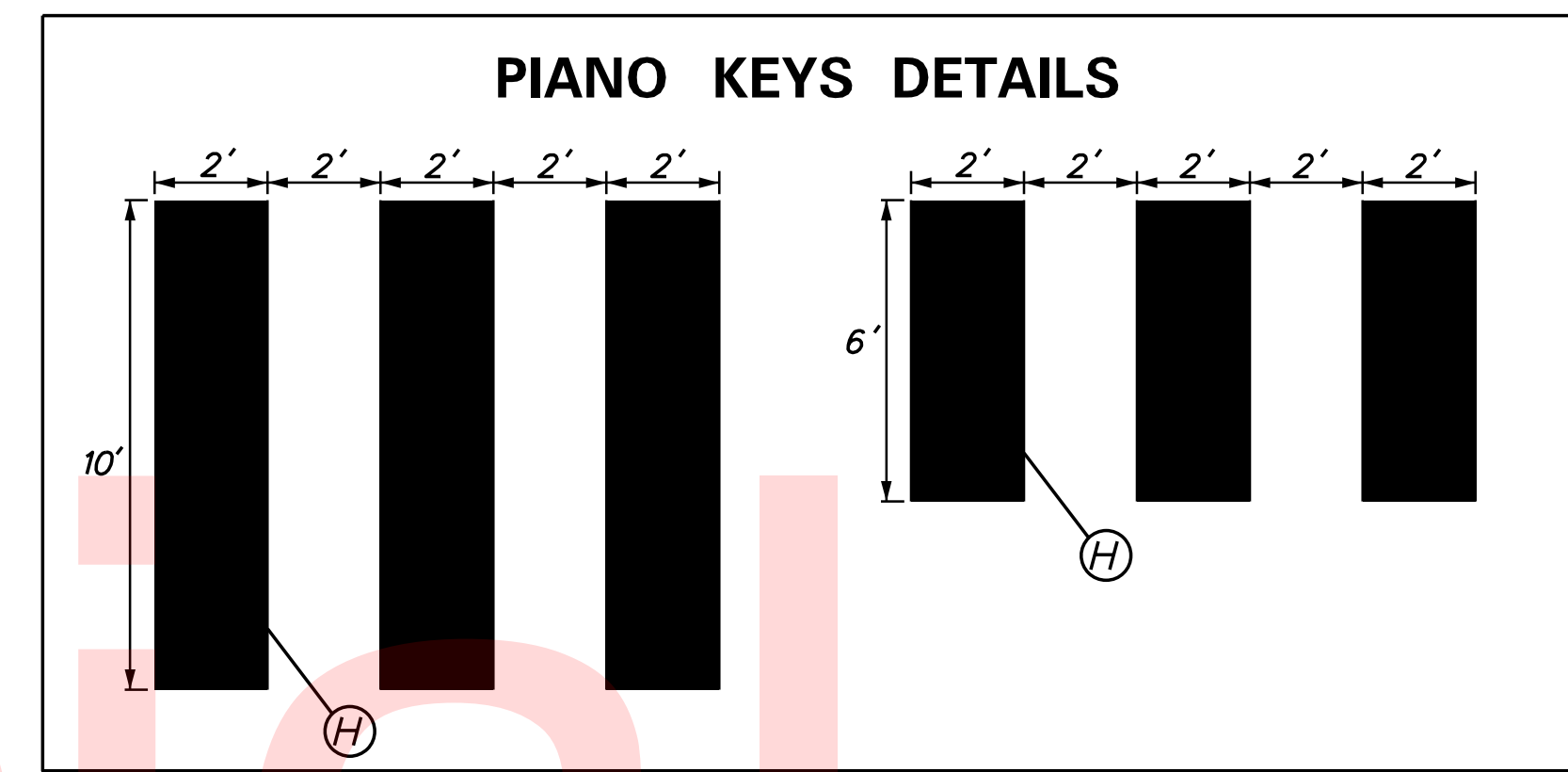
CONTRACT	BRIDGE NO.
T200912002	
COUNTY	DESIGNED BY: CCG
NEW CASTLE	CHECKED BY: BPH

SANITARY SEWER PROFILES

SHEET NO.
110
TOTAL SHTS.
123

**DELAWARE
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKINGS LEGEND		
SYMBOL	ITEM	QUANTITY
(A)	5" SOLID WHITE EPOXY RESIN PAVEMENT STRIPING (ITEM 748548)	0 LF
(B)	5" SOLID YELLOW EPOXY RESIN PAVEMENT STRIPING (ITEM 748548)	0 LF
(C)	5" WHITE LANE LINE EPOXY RESIN PAVEMENT STRIPING (10' STRIPE, 30' GAP) (ITEM 748548)	0 LF
(D)	5" WHITE AUXILIARY LANE LINE EPOXY RESIN PAVEMENT STRIPING (2' STRIPE, 6' GAP) (ITEM 748548)	0 LF
(E)	5" - 6" - 5" SOLID DOUBLE YELLOW EPOXY RESIN PAVEMENT STRIPING (ITEM 748548)	0 LF
(F)	PERMANENT PAVEMENT STRIPING SYMBOL / LEGEND ALKYD THERMOPLASTIC PAVEMENT STRIPING (ITEM 748015)	0 SF
(G)	16" SOLID WHITE ALKYD THERMOPLASTIC PAVEMENT STRIPING (STOP LINE) (ITEM 748015)	0 SF
(H)	24" SOLID WHITE ALKYD THERMOPLASTIC PAVEMENT STRIPING (CROSSWALK) (ITEM 748015)	0 SF
(I)	10" WHITE LANE LINE EPOXY RESIN PAVEMENT STRIPING (ITEM 748549)	0 LF
(J)	PREFORMED RETROREFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS (BIKE SYMBOL) (ITEM 748553)	0 EA
(K)	10" WHITE LANE LINE EPOXY RESIN PAVEMENT STRIPING (ITEM 748549)	0 LF



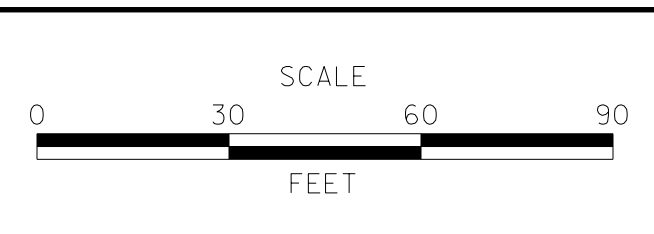
NOTE:
 1. ADDITIONAL STRIPING BEYOND CONTRACT LIMITS MAY BE REQUIRED TO REPLACE THE EXISTING STRIPING REMOVED FOR MAINTENANCE OF TRAFFIC. ACTUAL LIMITS TO BE DETERMINED BY THE ENGINEER.
 2. AFTER THE FINAL WEARING COURSE IS PLACED, RE-INSTALL THE CENTERLINE RUMBLE STRIPS FROM APPROXIMATELY STATION 1028+00 TO STATION 1031+10 AND FROM STATION 1033+40 TO STATION 1035+20, IN ACCORDANCE WITH DGM 1-18. THE RUMBLE STRIPS SHALL BE PAID UNDER ITEM #760016.

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR_S501.DGN [SHEET: S501]

MATCH LINE STA. 331+00



ADDENDUMS / REVISIONS



**JAMISON CORNER ROAD,
 RELOCATED AT
 BOYDS CORNER ROAD**

CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: CMY
	CHECKED BY: MAW

**SIGNING, STRIPING &
 ITMS CONDUIT PLAN**

SS-01
SHEET NO. 111
TOTAL SHTS. 123

PAVEMENT MARKINGS LEGEND		
SYMBOL	ITEM	QUANTITY
(A)	5" SOLID WHITE EPOXY RESIN PAVEMENT STRIPING (ITEM 748548)	3, 315 LF
(B)	5" SOLID YELLOW EPOXY RESIN PAVEMENT STRIPING (ITEM 748548)	0 LF
(C)	5" WHITE LANE LINE EPOXY RESIN PAVEMENT STRIPING (10' STRIPE, 30' GAP) (ITEM 748548)	0 LF
(D)	5" WHITE AUXILIARY LANE LINE EPOXY RESIN PAVEMENT STRIPING (2" STRIPE, 6' GAP) (ITEM 748548)	240 LF
(E)	5" - 6" - 5" SOLID DOUBLE YELLOW EPOXY RESIN PAVEMENT STRIPING (ITEM 748548)	1895 LF
(F)	PERMANENT PAVEMENT STRIPING SYMBOL / LEGEND ALKYD THERMOPLASTIC PAVEMENT STRIPING (ITEM 748015)	105 SF
(G)	16" SOLID WHITE ALKYD THERMOPLASTIC PAVEMENT STRIPING (STOP LINE) (ITEM 748015)	245 SF
(H)	24" SOLID WHITE ALKYD THERMOPLASTIC PAVEMENT STRIPING (CROSSWALK) (ITEM 748015)	480 SF
(I)	10" WHITE LANE LINE EPOXY RESIN PAVEMENT STRIPING (ITEM 748549)	315 LF
(J)	PREFORMED RETROREFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS (BIKE SYMBOL) (ITEM 748553)	7 EA

CONDUIT RUN SCHEDULE				
TYPE	# OF CONDUITS	SIZE	LENGTH	AMOUNT AND TYPE OF CABLE/ WIRE
CO-1	1	2"	15'	(1) 2/#8U. F. w/GROUND
CO-2	1	2"	15'	(1) 2/#8U. F. w/GROUND
CO-3*	1	4"	130'	BY DELDOT FORCES
CO-4*	1	4"	390'	BY DELDOT FORCES

*TRENCH WILL BE SHARED WITH LIGHTING CONDUIT.

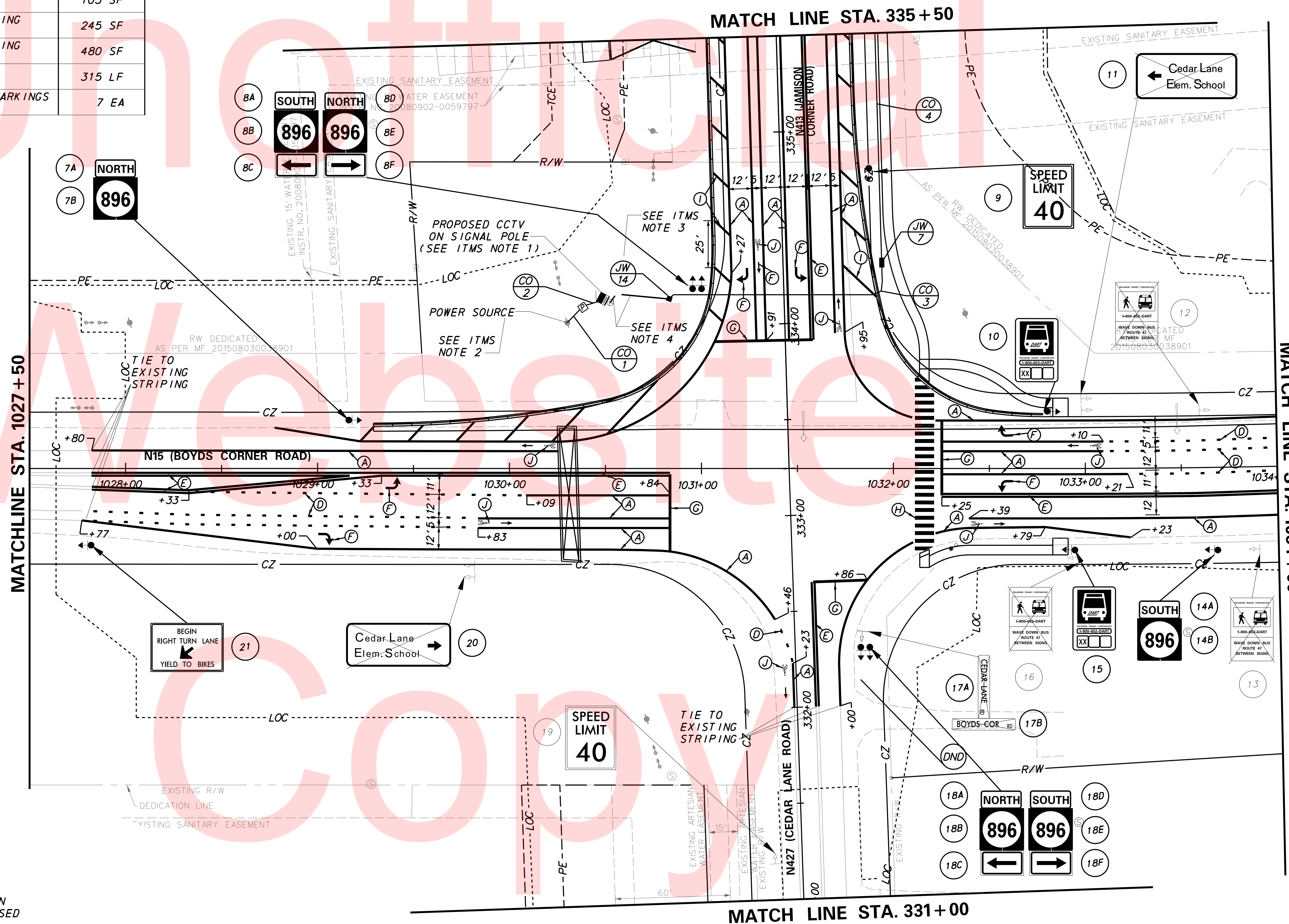
ITMS LEGEND	
-ITMS-CON-	MULTIDUCT CONDUIT
-EX-ITMS-	EXISTING ITMS CONDUIT
-SIG-CON-	CONDUIT INSTALLED UNDER PROPOSED SIGNAL PLAN
-EX-SIG-	EXISTING SIGNAL CONDUIT
■	ITMS CONDUIT JUNCTION WELL
■	CONDUIT JUNCTION WELL INSTALLED UNDER PROPOSED SIGNAL PLAN
□	EXISTING CONDUIT JUNCTION WELL
■	TRAFFIC SIGNAL CONTROLLER INSTALLED UNDER PROPOSED SIGNAL PLAN
■	EXISTING TRAFFIC SIGNAL CONTROLLER
(JW X)	PROPOSED JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)
(CR X)	PROPOSED CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)

ITMS NOTES:

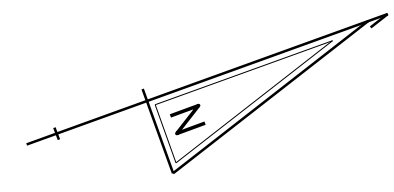
- PROPOSED CCTV CAMERA AND CABINET TO BE INSTALLED ON TRAFFIC SIGNAL STRAIN POLE AT STA. 1030+52, OFFSET 87' LEFT.
- TWO SEPARATE POWER TAPS WILL BE PROVIDED FROM THE UTILITY POLE LOCATED AT STA. 1030+30, OFFSET 76' LEFT. ONE FOR THE TRAFFIC CONTROL CABINET AND THE OTHER FOR THE PROPOSED CCTV CAMERA.
- JOINT-USE JUNCTION WELL WITH SIGNAL CABLE (SEE SIGNAL PLANS)-TYPE 14 WELL.
- ANY ITMS WIRING RUNNING FROM THE SIGNAL POLE AT STA. 1030+52, OFFSET 87' LEFT TO THE FIRST TYPE 14-JUNCTION WELL WILL RUN WITHIN SIGNAL CONDUITS.

NOTES:

- ADDITIONAL STRIPING BEYOND CONTRACT LIMITS MAY BE REQUIRED TO REPLACE THE EXISTING STRIPING REMOVED FOR MAINTENANCE OF TRAFFIC. ACTUAL LIMITS TO BE DETERMINED BY THE ENGINEER.
- TWO R10-11 SIGNS AND OVERHEAD ROAD NAME SIGNS WILL BE INSTALLED ON THE SPAN WIRES. SEE SIGNAL PLANS FOR MORE INFORMATION.
- ADD RAISED PAVEMENT MARKERS ALONG BOYDS CORNER ROAD BETWEEN STATION 1027+50 AND 1036+00. THE LOCATIONS AND SPACING OF RAISED PAVEMENT MARKERS WILL BE BASED ON DE MUTCD SECTION 3B-11 AND FIGURES 3B-15F AND 3B-15H.



PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR_VSS02.DGN [SHEET: SS02]



PAVEMENT MARKINGS LEGEND		
SYMBOL	ITEM	QUANTITY
(A)	5" SOLID WHITE EPOXY RESIN PAVEMENT STRIPING (ITEM 748548)	2,970 LF
(B)	5" SOLID YELLOW EPOXY RESIN PAVEMENT STRIPING (ITEM 748548)	240 LF
(C)	5" WHITE LANE LINE EPOXY RESIN PAVEMENT STRIPING (10' STRIPE, 30' GAP) (ITEM 748548)	0 LF
(D)	5" WHITE AUXILIARY LANE LINE EPOXY RESIN PAVEMENT STRIPING (2" STRIPE, 6' GAP) (ITEM 748548)	465 LF
(E)	5" - 6" - 5" SOLID DOUBLE YELLOW EPOXY RESIN PAVEMENT STRIPING (ITEM 748548)	1,530 LF
(F)	PERMANENT PAVEMENT STRIPING SYMBOL / LEGEND ALKYD THERMOPLASTIC PAVEMENT STRIPING (ITEM 748015)	130 SF
(G)	16" SOLID WHITE ALKYD THERMOPLASTIC PAVEMENT STRIPING (STOP LINE) (ITEM 748015)	30 SF
(H)	24" SOLID WHITE ALKYD THERMOPLASTIC PAVEMENT STRIPING (CROSSWALK) (ITEM 748015)	175 SF
(I)	10" WHITE LANE LINE EPOXY RESIN PAVEMENT STRIPING (ITEM 748549)	260 LF
(J)	PREFORMED RETROREFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS (BIKE SYMBOL) (ITEM 748553)	8 EA

CONDUIT RUN SCHEDULE				
TYPE	# OF CONDUITS	SIZE	LENGTH	AMOUNT AND TYPE OF CABLE/ WIRE
CO-4	INFORMATION PROVIDED ON PREVIOUS SHEET			
CO-5	1	4"	245'	BY DELDOT FORCES
CO-6	1	4"	435'	BY DELDOT FORCES

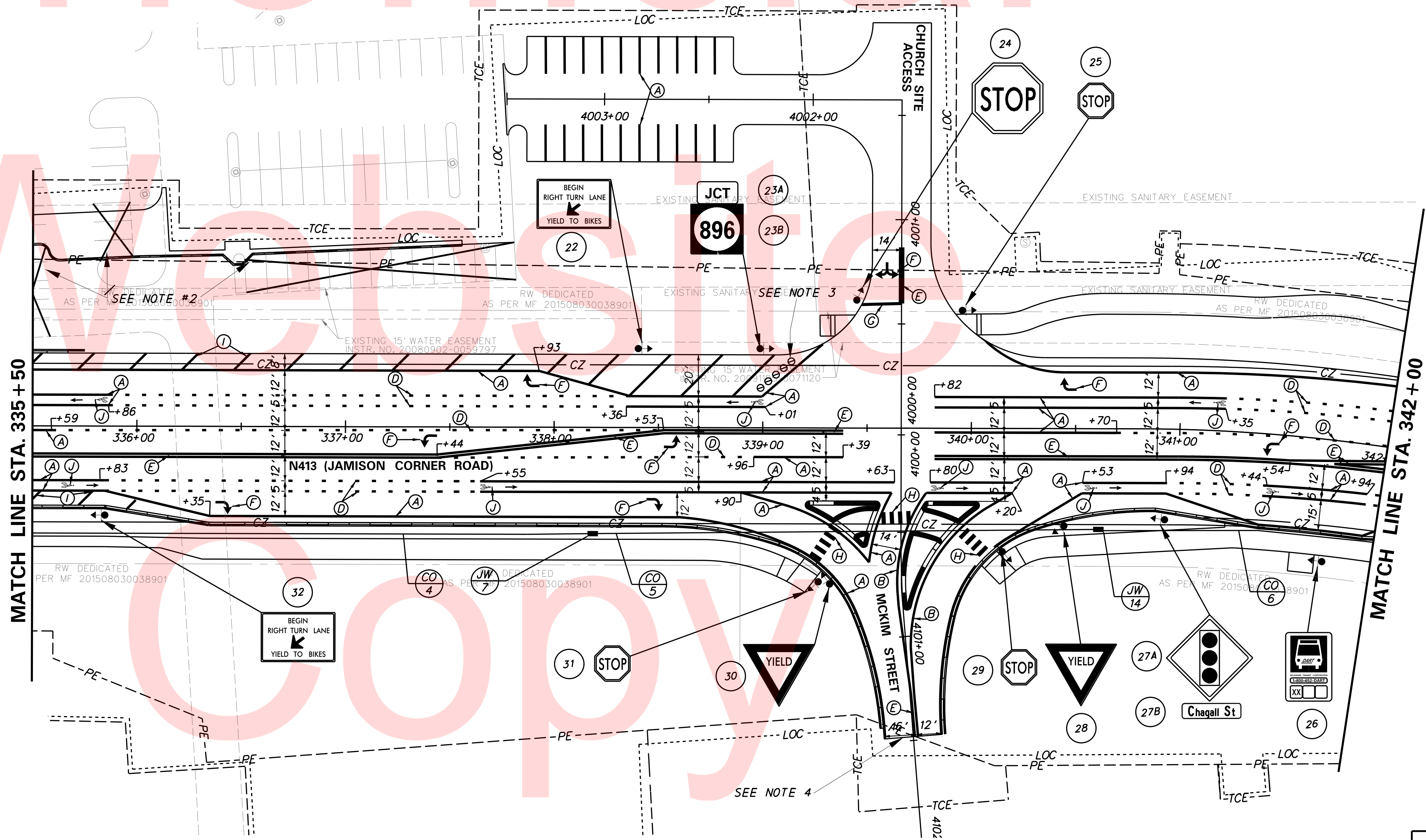
ITMS LEGEND	
-ITMS-CON-	MULTIDUCT CONDUIT
-EX-ITMS-	EXISTING ITMS CONDUIT
-SIG-CON-	CONDUIT INSTALLED UNDER PROPOSED SIGNAL PLAN
-EX-SIG-	EXISTING SIGNAL CONDUIT
■	ITMS CONDUIT JUNCTION WELL
■	CONDUIT JUNCTION WELL INSTALLED UNDER PROPOSED SIGNAL PLAN
□	EXISTING CONDUIT JUNCTION WELL
■	TRAFFIC SIGNAL CONTROLLER INSTALLED UNDER PROPOSED SIGNAL PLAN
■	EXISTING TRAFFIC SIGNAL CONTROLLER
(JW X)	PROPOSED JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)
(CR X)	PROPOSED CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)

ITMS NOTES:

- ITMS CONDUIT TO TERMINATE IN BASE OF SIGNAL CABINET (SEE SIGNAL PLANS).
- JOINT-USE JUNCTION WELL WITH SIGNAL CABLE (SEE SIGNAL PLANS)-TYPE 7 WELL.

NOTES:

- ADDITIONAL STRIPING BEYOND CONTRACT LIMITS MAY BE REQUIRED TO REPLACE THE EXISTING STRIPING REMOVED FOR MAINTENANCE OF TRAFFIC. ACTUAL LIMITS TO BE DETERMINED BY THE ENGINEER.
- REMOVE THE EXISTING TWENTY-ONE PARKING SPACES FROM THE CHURCH PARKING LOT AND REPLACE THEM WITH TWENTY-TWO NEWLY CONSTRUCTED PARKING SPACES.
- FLEXIPOSTS PLACED 5 FEET APART, OFFSET 3 FEET FROM STRIPING EDGELINE.
- ONCE THE PROJECT IS ACCEPTED, THE DEVELOPER SHALL MAINTAIN THE TYPE III BARRICADES AND ROAD CLOSED SIGNS AT THE INTERSECTION OF JAMISON CORNER ROAD AND MCKIM STREET, WHICH ARE SHOWN ON SHEET 98, UNTIL THE TOWN CENTER DEVELOPMENT IS CONSTRUCTED.



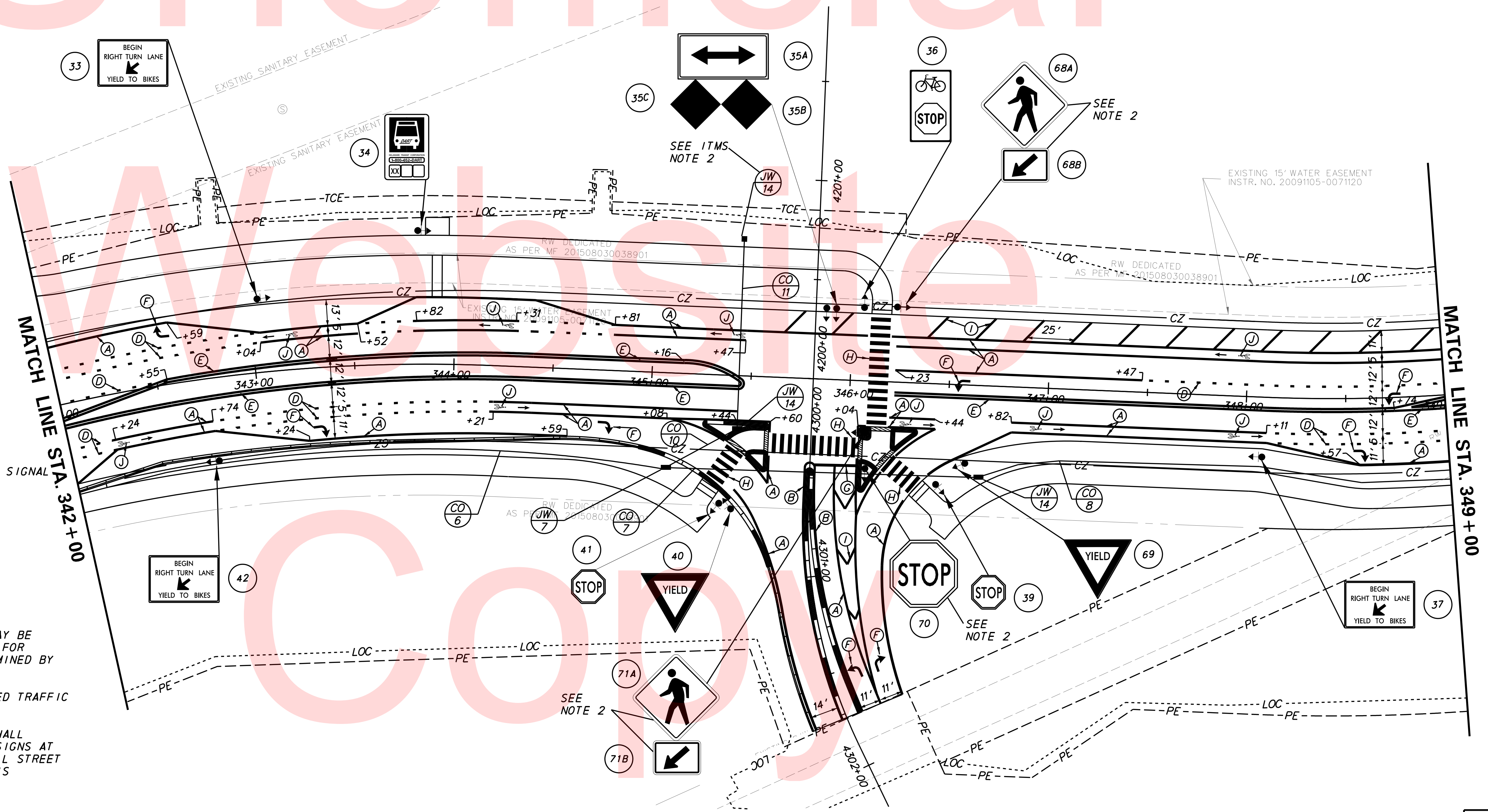
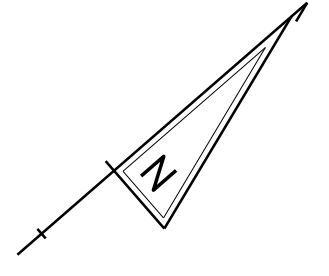
PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\SS03.DGN [SHEET: SS03]

PAVEMENT MARKINGS LEGEND		
SYMBOL	ITEM	QUANTITY
(A)	5" SOLID WHITE EPOXY RESIN PAVEMENT STRIPING (ITEM 748548)	3,390 LF
(B)	5" SOLID YELLOW EPOXY RESIN PAVEMENT STRIPING (ITEM 748548)	290 LF
(C)	5" WHITE LANE LINE EPOXY RESIN PAVEMENT STRIPING (10' STRIPE, 30' GAP) (ITEM 748548)	0 LF
(D)	5" WHITE AUXILIARY LANE LINE EPOXY RESIN PAVEMENT STRIPING (2" STRIPE, 6' GAP) (ITEM 748548)	310 LF
(E)	5" - 6" - 5" SOLID DOUBLE YELLOW EPOXY RESIN PAVEMENT STRIPING (ITEM 748548)	2,190 LF
(F)	PERMANENT PAVEMENT STRIPING SYMBOL / LEGEND ALKYD THERMOPLASTIC PAVEMENT STRIPING (ITEM 748015)	140 SF
(G)	16" SOLID WHITE ALKYD THERMOPLASTIC PAVEMENT STRIPING (STOP LINE) (ITEM 748015)	30 SF
(H)	24" SOLID WHITE ALKYD THERMOPLASTIC PAVEMENT STRIPING (CROSSWALK) (ITEM 748015)	770 SF
(I)	10" WHITE LANE LINE EPOXY RESIN PAVEMENT STRIPING (ITEM 748549)	275 LF
(J)	PREFORMED RETROREFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS (BIKE SYMBOL) (ITEM 748553)	9 EA

CONDUIT RUN SCHEDULE				
TYPE	# OF CONDUITS	SIZE	LENGTH	AMOUNT AND TYPE OF CABLE/ WIRE
CO-6*	INFORMATION PROVIDED ON PREVIOUS SHEET			
CO-7	1	4"	160'	BY DELDOT FORCES
CO-8	1	4"	400'	BY DELDOT FORCES
CO-10*	1	4"	45'	BY DELDOT FORCES
CO-11	1	4"	100'	BY DELDOT FORCES

*TRENCH WILL BE SHARED WITH SIGNAL CONDUIT.

ITMS LEGEND	
-ITMS-CON-	MULTIDUCT CONDUIT
-EX-ITMS-	EXISTING ITMS CONDUIT
-SIG-CON-	CONDUIT INSTALLED UNDER PROPOSED SIGNAL PLAN
-EX-SIG-	EXISTING SIGNAL CONDUIT
■	ITMS CONDUIT JUNCTION WELL
■	CONDUIT JUNCTION WELL INSTALLED UNDER PROPOSED SIGNAL PLAN
□	EXISTING CONDUIT JUNCTION WELL
■	TRAFFIC SIGNAL CONTROLLER INSTALLED UNDER PROPOSED SIGNAL PLAN
□	EXISTING TRAFFIC SIGNAL CONTROLLER
(JW) X	PROPOSED JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)
(CR) X	PROPOSED CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)



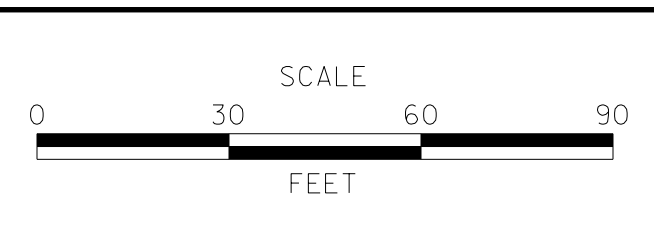
- ITMS NOTES:
- ITMS CONDUIT TO TERMINATE IN BASE OF PROPOSED SIGNAL CABINET.
 - JOINT-USE JUNCTION WELL WITH FUTURE SIGNAL CABLE -TYPE 14 JUNCTION WELL.

- NOTE:
- ADDITIONAL STRIPING BEYOND CONTRACT LIMITS MAY BE REQUIRED TO REPLACE THE EXISTING STRIPING REMOVED FOR MAINTENANCE OF TRAFFIC. ACTUAL LIMITS TO BE DETERMINED BY THE ENGINEER.
 - THESE SIGNS SHOULD BE REMOVED ONCE THE PROPOSED TRAFFIC SIGNAL IS CONSTRUCTED.
 - ONCE THE PROJECT IS ACCEPTED, THE DEVELOPER SHALL MAINTAIN THE TYPE III BARRICADES AND ROAD CLOSED SIGNS AT THE INTERSECTION OF JAMISON CORNER ROAD AND CHAGALL STREET (SEE SHEET 99) UNTIL THE TOWN CENTER DEVELOPMENT IS CONSTRUCTED.

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR_S504.DGN [SHEET: S504]



ADDENDUMS / REVISIONS

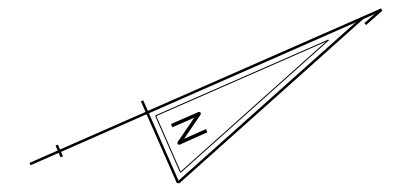


**JAMISON CORNER ROAD,
RELOCATED AT
BOYDS CORNER ROAD**

CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: GMY
	CHECKED BY: MAW

**SIGNING, STRIPING &
ITMS CONDUIT PLAN**

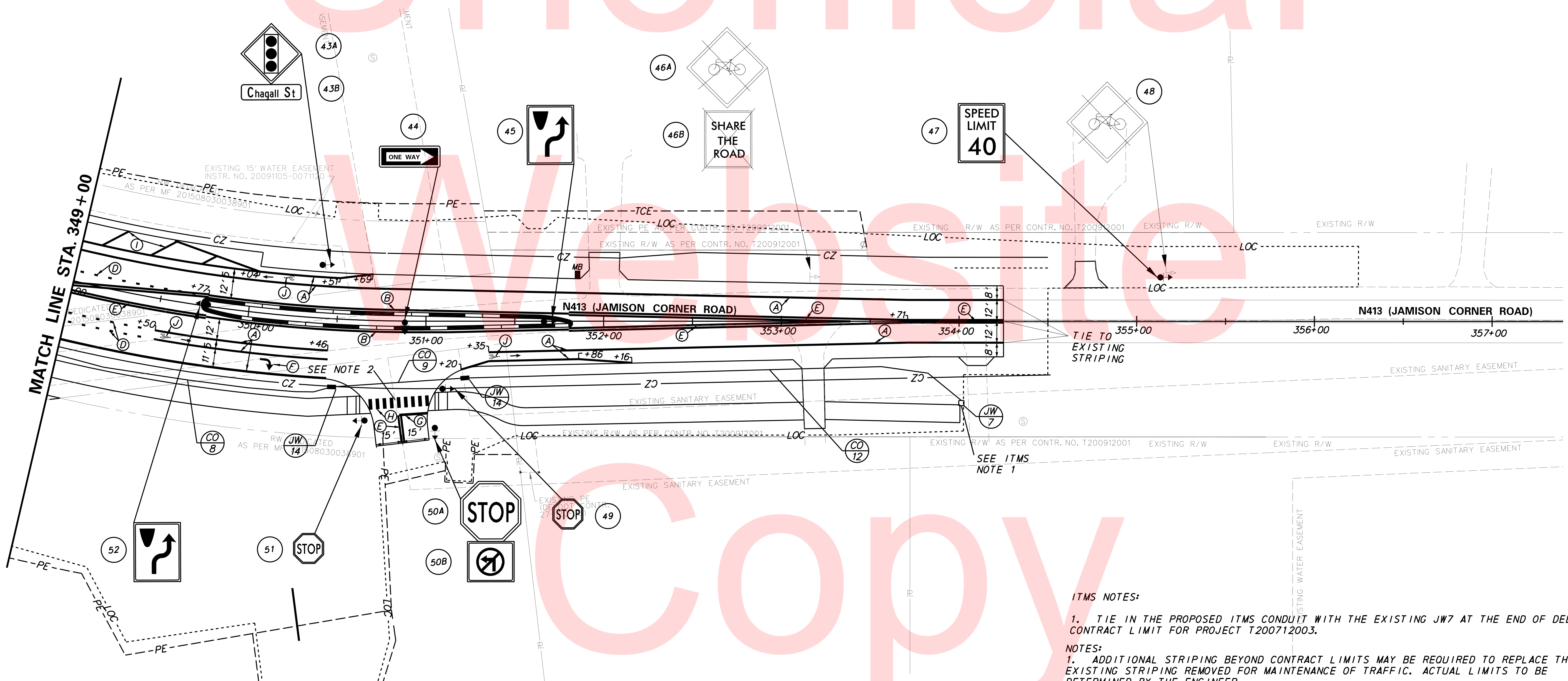
SS-04
SHEET NO. 114
TOTAL SHTS. 123



PAVEMENT MARKINGS LEGEND		
SYMBOL	ITEM	QUANTITY
(A)	5" SOLID WHITE EPOXY RESIN PAVEMENT STRIPING (ITEM 748548)	1,580 LF
(B)	5" SOLID YELLOW EPOXY RESIN PAVEMENT STRIPING (ITEM 748548)	450 LF
(C)	5" WHITE LANE LINE EPOXY RESIN PAVEMENT STRIPING (10' STRIPE, 30' GAP) (ITEM 748548)	0 LF
(D)	5" WHITE AUXILIARY LANE LINE EPOXY RESIN PAVEMENT STRIPING (2' STRIPE, 6' GAP) (ITEM 748548)	50 LF
(E)	5" - 6" - 5" SOLID DOUBLE YELLOW EPOXY RESIN PAVEMENT STRIPING (ITEM 748548)	1,365 LF
(F)	PERMANENT PAVEMENT STRIPING SYMBOL / LEGEND ALKYD THERMOPLASTIC PAVEMENT STRIPING (ITEM 748015)	20 SF
(G)	16" SOLID WHITE ALKYD THERMOPLASTIC PAVEMENT STRIPING (STOP LINE) (ITEM 748015)	25 SF
(H)	24" SOLID WHITE ALKYD THERMOPLASTIC PAVEMENT STRIPING (CROSSWALK) (ITEM 748015)	120 SF
(I)	10" WHITE LANE LINE EPOXY RESIN PAVEMENT STRIPING (ITEM 748549)	50 LF
(J)	PREFORMED RETROREFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS (BIKE SYMBOL) (ITEM 748553)	3 EA

ITMS LEGEND	
-ITMS-CON-	MULTIDUCT CONDUIT
-EX-ITMS-	EXISTING ITMS CONDUIT
-SIG-CON-	CONDUIT INSTALLED UNDER PROPOSED SIGNAL PLAN
-EX-SIG-	EXISTING SIGNAL CONDUIT
■	ITMS CONDUIT JUNCTION WELL
■	CONDUIT JUNCTION WELL INSTALLED UNDER PROPOSED SIGNAL PLAN
□	EXISTING CONDUIT JUNCTION WELL
■	TRAFFIC SIGNAL CONTROLLER INSTALLED UNDER PROPOSED SIGNAL PLAN
■	EXISTING TRAFFIC SIGNAL CONTROLLER
JW X	PROPOSED JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)
CR X	PROPOSED CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)

CONDUIT RUN SCHEDULE				
TYPE	# OF CONDUITS	SIZE	LENGTH	AMOUNT AND TYPE OF CABLE/ WIRE
CO-8	INFORMATION PROVIDED ON PREVIOUS SHEET			
CO-9	1	4"	80'	BY DELDOT FORCES
CO-12	1	4"	290'	BY DELDOT FORCES



ITMS NOTES:

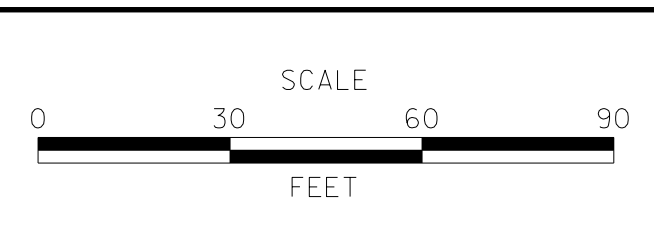
- TIE IN THE PROPOSED ITMS CONDUIT WITH THE EXISTING JW7 AT THE END OF DELDOT'S CONTRACT LIMIT FOR PROJECT T200712003.

NOTES:

- ADDITIONAL STRIPING BEYOND CONTRACT LIMITS MAY BE REQUIRED TO REPLACE THE EXISTING STRIPING REMOVED FOR MAINTENANCE OF TRAFFIC. ACTUAL LIMITS TO BE DETERMINED BY THE ENGINEER.
- ONCE THE PROJECT IS ACCEPTED, THE DEVELOPER SHALL MAINTAIN THE TYPE III BARRICADES AND ROAD CLOSED SIGNS AT THE INTERSECTION OF JAMISON CORNER ROAD AND THE DRIVEWAY AT STATION 350+90, WHICH ARE SHOWN ON SHEET 100, UNTIL THE TOWN CENTER DEVELOPMENT IS CONSTRUCTED.

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR_VSS05.DGN [SHEET: SS05]

ADDENDUMS / REVISIONS

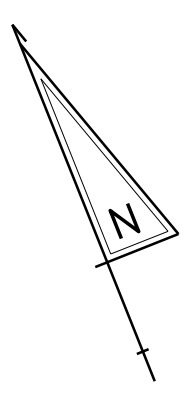


JAMISON CORNER ROAD, RELOCATED AT BOYDS CORNER ROAD

CONTRACT	BRIDGE NO.
T200912002	
COUNTY	DESIGNED BY: GMY
NEW CASTLE	CHECKED BY: MAW

SIGNING, STRIPING & ITMS CONDUIT PLAN

SS-05
SHEET NO.
115
TOTAL SHTS.
123



PAVEMENT MARKINGS LEGEND		
SYMBOL	ITEM	QUANTITY
Ⓐ	5" SOLID WHITE EPOXY RESIN PAVEMENT STRIPING (ITEM 748548)	0 LF
Ⓑ	5" SOLID YELLOW EPOXY RESIN PAVEMENT STRIPING (ITEM 748548)	0 LF
Ⓒ	5" WHITE LANE LINE EPOXY RESIN PAVEMENT STRIPING (10' STRIPE, 30' GAP) (ITEM 748548)	0 LF
Ⓓ	5" WHITE AUXILIARY LANE LINE EPOXY RESIN PAVEMENT STRIPING (2" STRIPE, 6' GAP) (ITEM 748548)	0 LF
Ⓔ	5" - 6" - 5" SOLID DOUBLE YELLOW EPOXY RESIN PAVEMENT STRIPING (ITEM 748548)	0 LF
Ⓕ	PERMANENT PAVEMENT STRIPING SYMBOL / LEGEND ALKYD THERMOPLASTIC PAVEMENT STRIPING (ITEM 748015)	0 SF
Ⓖ	16" SOLID WHITE ALKYD THERMOPLASTIC PAVEMENT STRIPING (STOP LINE) (ITEM 748015)	0 SF
Ⓗ	24" SOLID WHITE ALKYD THERMOPLASTIC PAVEMENT STRIPING (CROSSWALK) (ITEM 748015)	0 SF
Ⓘ	10" WHITE LANE LINE EPOXY RESIN PAVEMENT STRIPING (ITEM 748549)	0 LF
Ⓝ	PREFORMED RETROREFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS (BIKE SYMBOL) (ITEM 748553)	0 EA

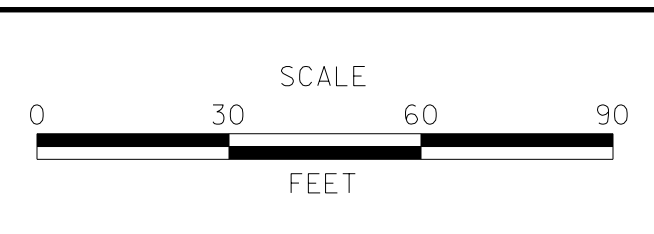


NOTE:
 1. ADDITIONAL STRIPING BEYOND CONTRACT LIMITS MAY BE REQUIRED TO REPLACE THE EXISTING STRIPING REMOVED FOR MAINTENANCE OF TRAFFIC. ACTUAL LIMITS TO BE DETERMINED BY THE ENGINEER.

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR_S508.DGN [SHEET: S508]



ADDENDUMS / REVISIONS	



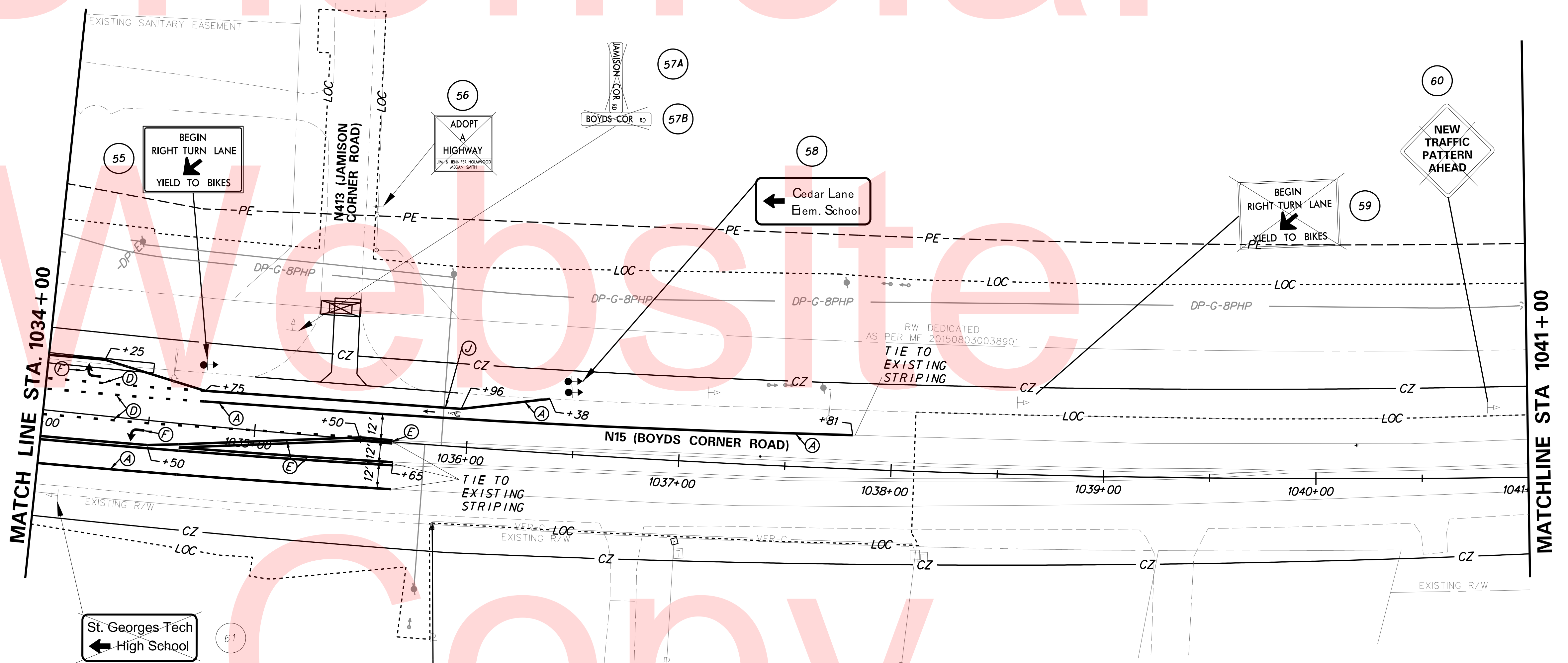
**JAMISON CORNER ROAD,
 RELOCATED AT
 BOYDS CORNER ROAD**

CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: GMY
	CHECKED BY: MAW

**SIGNING, STRIPING &
 ITMS CONDUIT PLAN**

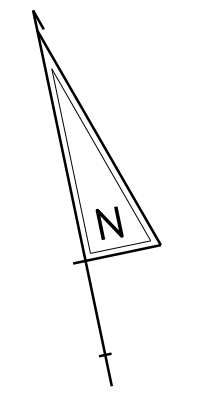
SS-06
SHEET NO. 116
TOTAL SHTS. 123

PAVEMENT MARKINGS LEGEND		
SYMBOL	ITEM	QUANTITY
(A)	5" SOLID WHITE EPOXY RESIN PAVEMENT STRIPING (ITEM 748548)	785 LF
(B)	5" SOLID YELLOW EPOXY RESIN PAVEMENT STRIPING (ITEM 748548)	0 LF
(C)	5" WHITE LANE LINE EPOXY RESIN PAVEMENT STRIPING (10' STRIPE, 30' GAP) (ITEM 748548)	0 LF
(D)	5" WHITE AUXILIARY LANE LINE EPOXY RESIN PAVEMENT STRIPING (2" STRIPE, 6' GAP) (ITEM 748548)	85 LF
(E)	5" - 6" - 5" SOLID DOUBLE YELLOW EPOXY RESIN PAVEMENT STRIPING (ITEM 748548)	620 LF
(F)	PERMANENT PAVEMENT STRIPING SYMBOL / LEGEND ALKYD THERMOPLASTIC PAVEMENT STRIPING (ITEM 748015)	35 SF
(G)	16" SOLID WHITE ALKYD THERMOPLASTIC PAVEMENT STRIPING (STOP LINE) (ITEM 748015)	0 SF
(H)	24" SOLID WHITE ALKYD THERMOPLASTIC PAVEMENT STRIPING (CROSSWALK) (ITEM 748015)	0 SF
(I)	10" WHITE LANE LINE EPOXY RESIN PAVEMENT STRIPING (ITEM 748549)	0 LF
(J)	PREFORMED RETROREFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS (BIKE SYMBOL) (ITEM 748553)	1 EA

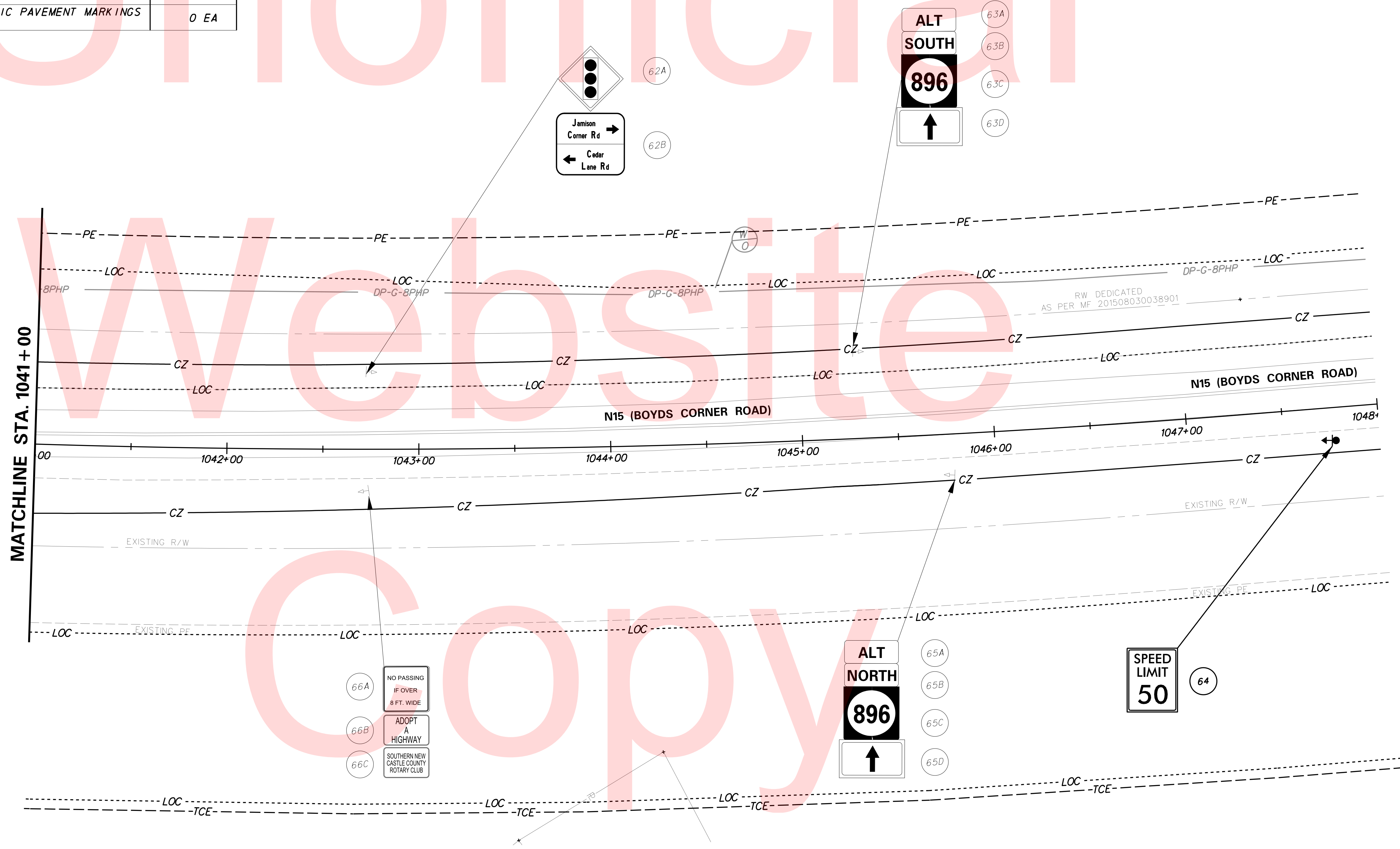


- NOTES:
1. ADDITIONAL STRIPING BEYOND CONTRACT LIMITS MAY BE REQUIRED TO REPLACE THE EXISTING STRIPING REMOVED FOR MAINTENANCE OF TRAFFIC. ACTUAL LIMITS TO BE DETERMINED BY THE ENGINEER.
 2. ADD RAISED PAVEMENT MARKERS ALONG BOYDS CORNER ROAD BETWEEN STATION 1027+50 AND 1036+00. THE LOCATIONS AND SPACING OF RAISED PAVEMENT MARKERS WILL BE BASED ON DE MUTCD SECTION 3B-11 AND FIGURES 3B-15F AND 3B-15H.
 3. THE REMOVAL OF TRAFFIC SIGNS ALONG THE EXISTING JAMISON CORNER ROAD SHALL BE INCEDNETAL TO THE REMOVAL OF STRUCTURES AND OBSTRUCTIONS ITEM.

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR_S509.DGN [SHEET: S509]



PAVEMENT MARKINGS LEGEND		
SYMBOL	ITEM	QUANTITY
Ⓐ	5" SOLID WHITE EPOXY RESIN PAVEMENT STRIPING (ITEM 748548)	0 LF
Ⓑ	5" SOLID YELLOW EPOXY RESIN PAVEMENT STRIPING (ITEM 748548)	0 LF
Ⓒ	5" WHITE LANE LINE EPOXY RESIN PAVEMENT STRIPING (10' STRIPE, 30' GAP) (ITEM 748548)	0 LF
Ⓓ	5" WHITE AUXILIARY LANE LINE EPOXY RESIN PAVEMENT STRIPING (2" STRIPE, 6' GAP) (ITEM 748548)	0 LF
Ⓔ	5" - 6" - 5" SOLID DOUBLE YELLOW EPOXY RESIN PAVEMENT STRIPING (ITEM 748548)	0 LF
Ⓕ	PERMANENT PAVEMENT STRIPING SYMBOL / LEGEND ALKYD THERMOPLASTIC PAVEMENT STRIPING (ITEM 748015)	0 SF
Ⓖ	16" SOLID WHITE ALKYD THERMOPLASTIC PAVEMENT STRIPING (STOP LINE) (ITEM 748015)	0 SF
Ⓗ	24" SOLID WHITE ALKYD THERMOPLASTIC PAVEMENT STRIPING (CROSSWALK) (ITEM 748015)	0 SF
Ⓘ	10" WHITE LANE LINE EPOXY RESIN PAVEMENT STRIPING (ITEM 748549)	0 LF
Ⓝ	PREFORMED RETROREFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS (BIKE SYMBOL) (ITEM 748553)	0 EA

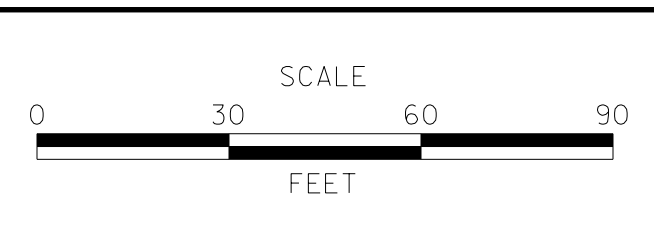


NOTE:
 1. ADDITIONAL STRIPING BEYOND CONTRACT LIMITS MAY BE REQUIRED TO REPLACE THE EXISTING STRIPING REMOVED FOR MAINTENANCE OF TRAFFIC. ACTUAL LIMITS TO BE DETERMINED BY THE ENGINEER.

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\SS10.DGN [SHEET: SS10]



ADDENDUMS / REVISIONS



**JAMISON CORNER ROAD,
 RELOCATED AT
 BOYDS CORNER ROAD**

CONTRACT T200912002	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: GMY
	CHECKED BY: MAW

**SIGNING, STRIPING &
 ITMS CONDUIT PLAN**

SS-08
SHEET NO. 118
TOTAL SHTS. 123

SIGN SCHEDULE

#	SHEET NO.	PLAN INDICATOR	CODE	QTY.	DESCRIPTION	ASSEMBLY NO.	SIGN WIDTH (IN)	SIGN HEIGHT (IN)	SIGN AREA (SF)	ITEM 749687 SINGLE POST (EACH)			ITEM 749690 MULTI POST (POST NEEDED)			POST INSTALLATION TYPE	Code X11 12' Post (W/ Basepost)	ITEM 749688 4" HOLE, 0-6" (EACH)	ITEM 749689 4" HOLE, >6" (EACH)	REMARKS
										SIGN DISPOSITION	REMOVE	INSTALL	SIGN DISPOSITION	REMOVE	INSTALL					
1981	SS-01	1A	S4-3P(24)	1	SCHOOL - 24x8	1	24"	8"	1.33	NEW		1			SOIL	1	0	0	Flourescent Yellow Green Sign	
38	SS-01	1B	R2-1(24)	1	SPEED LIMIT (Blank - 24x30)	1	24"	30"	5	NEW		1			SOIL	1	0	0	"20 MPH"	
1979	SS-01	1C	S4-2P(24)	1	WHEN CHILDREN ARE PRESENT - 24x10	1	24"	10"	1.67	NEW		1								
1966	SS-01	2A	S1-1(36)	1	SCHOOL SIGN (Symbol) - 36x36	2	36"	36"		REMAIN									Flourescent Yellow Green Sign	
1369	SS-01	2B	W16-9P(24)	1	AHEAD (plaque) - 24x12	2	24"	12"		REMAIN									Flourescent Yellow Green Sign	
1872	SS-01	3	D14-3-DE	1	ADOPT A HIGHWAY	3	30"	24"		REMAIN										
1164	SS-01	4	W11-1(30)	1	BICYCLE (Symbol) - 30x30	4	30"	30"		REMAIN										
1504	SS-01	5A	M2-1(21)	1	JUNCTION - 21x15	5	21"	15"	2.2	NEW		1			SOIL	1	0	0		
1489	SS-01	5B	M1-5(30)	1	STATE ROUTE (3 - Digit Sign) - 30x24	5	30"	24"	5	NEW		1							896	
877	SS-01	6A	W3-3(30)	1	SIGNAL AHEAD (Symbol) - 30x30	6	30"	30"		REPOSITION	1	1			SOIL	1	0	0		
1367	SS-01	6B	W16-8P	1	ADVANCE STREET NAME (1 - line plaque)	6	48"	8"	3	NEW		1							"Boyds Corner Rd"	
1508	SS-02	7A	M3-1(24)	1	CARDINAL DIRECTION - NORTH - 24x12	7	24"	12"	2	NEW		1			SOIL	1	0	0		
1489	SS-02	7B	M1-5(30)	1	STATE ROUTE (3 - Digit Sign) - 30x24	7	30"	24"	5	NEW		1							896	
1514	SS-02	8A	M3-3(24)	1	CARDINAL DIRECTION - SOUTH - 24x12	8	24"	12"	2	NEW		1							896	
1489	SS-02	8B	M1-5(30)	1	STATE ROUTE (3 - Digit Sign) - 30x24	8	30"	24"	5	NEW		1			SOIL	1	0	0		
1605	SS-02	8C	M6-1 L(21)	1	DIRECTIONAL ARROW (Left) - 21x15	8	21"	15"	2.2	NEW		1							896	
1508	SS-02	8D	M3-1(24)	1	CARDINAL DIRECTION - NORTH - 24x12	8	24"	12"	2	NEW		1							896	
1489	SS-02	8E	M1-5(30)	1	STATE ROUTE (3 - Digit Sign) - 30x24	8	30"	24"	5	NEW		1			SOIL	1	0	0		
1604	SS-02	8F	M6-1 R(21)	1	DIRECTIONAL ARROW (Right) - 21x15	8	21"	15"	2.2	NEW		1							896	
54	SS-02	9	R2-1-40(24)	1	SPEED LIMIT (40 MPH - 24x30)	9	24"	30"	5	NEW		1			SOIL	1	0	0		
1694	SS-02	10	D4-3-DE	1	BUS STOP (DART)	10	12"	18"	1.5	NEW		1			SOIL	1	0	0		
1653	SS-02	11	D1-2	1	DESTINATION (2 Line)	11	48"	30"					REMOVE	2					"Cedar Lane Elem. School"	
-	SS-02	12	-	1	FLAG DOWN BUS	12	12"	18"		REMOVE	1									
-	SS-02	13	-	1	FLAG DOWN BUS	13	12"	18"		REMOVE	1									
1514	SS-02	14A	M3-3(24)	1	CARDINAL DIRECTION - SOUTH - 24x12	14	24"	12"	2	NEW		1			SOIL	1	0	0		
1489	SS-02	14B	M1-5(30)	1	STATE ROUTE (3 - Digit Sign) - 30x24	14	30"	24"	5	NEW		1							896	
1694	SS-02	15	D4-3-DE	1	BUS STOP (DART)	15	12"	18"	1.5	NEW		1			SOIL	1	0	0		
-	SS-02	16	-	1	FLAG DOWN BUS	16	12"	18"		REMOVE	1									
1674	SS-02	17A	D3-1(12)	1	STREET NAME (1 Line)	17	36"	12"		REMOVE	1								"CEDAR LANE RD"	
1674	SS-02	17B	D3-1(12)	1	STREET NAME (1 Line)	17	42"	12"		REMOVE	1								"BOYDS CORNER RD"	
1508	SS-02	18A	M3-1(24)	1	CARDINAL DIRECTION - NORTH - 24x12	18	24"	12"	2	NEW		1			SOIL	1	0	0		
1489	SS-02	18B	M1-5(30)	1	STATE ROUTE (3 - Digit Sign) - 30x24	18	30"	24"	5	NEW		1							896	
1605	SS-02	18C	M6-1 L(21)	1	DIRECTIONAL ARROW (Left) - 21x15	18	21"	15"	2.2	NEW		1							896	
1514	SS-02	18D	M3-3(24)	1	CARDINAL DIRECTION - SOUTH - 24x12	18	24"	12"	2	NEW		1							896	
1489	SS-02	18E	M1-5(30)	1	STATE ROUTE (3 - Digit Sign) - 30x24	18	30"	24"	5	NEW		1			SOIL	1	0	0		
1604	SS-02	18F	M6-1 R(21)	1	DIRECTIONAL ARROW (Right) - 21x15	18	21"	15"	2.2	NEW		1							896	
54	SS-02	19	R2-1-40(24)	1	SPEED LIMIT (40 MPH - 24x30)	19	24"	30"		REMAIN										
1653	SS-02	20	D1-2	1	DESTINATION (2 Line)	20	72"	30"					REMOVE	2						
304	SS-02	21	R4-4	1	BEGIN RIGHT TURN LANE YIELD TO BIKES	21	36"	30"	7.5	NEW		1			SOIL	1	0	0		
304	SS-03	22	R4-4	1	BEGIN RIGHT TURN LANE YIELD TO BIKES	22	36"	30"	7.5	NEW		1			SOIL	1	0	0		
1504	SS-03	23A	M2-1(21)	1	JUNCTION - 21x15	23	21"	15"	2.2	NEW		1			SOIL	1	0	0		
1489	SS-03	23B	M1-5(30)	1	STATE ROUTE (3 - Digit Sign) - 30x24	23	30"	24"	5	NEW		1							896	
4	SS-03	24	R1-1(36)	1	STOP	24	36"	36"	9	NEW		1			SOIL	1	0	0		
1	SS-03	25	R1-1(18)	1	STOP	25	18"	18"	2.25	NEW		1			SOIL	1	0	0		
1694	SS-03	26	D4-3-DE	1	BUS STOP (DART)	26	12"	18"	1.5	NEW		1			SOIL	1	0	0		
822	SS-03	27A	W2-2 R(30)	1	SIDE ROAD (Perpendicular - Right) - 30x30	27	30"	30"	6.25	NEW		1								
1367	SS-03	27B	W16-8P	1	ADVANCE STREET NAME (1 - line plaque)	27	30"	8"	1.7	NEW		1			SOIL	1	0	0		
8	SS-03	28	R1-2(36)	1	YIELD	28	36"	36"	4.5	NEW		1			SOIL	1	0	0		
1	SS-03	29	R1-1(18)	1	STOP	29	18"	18"	2.25	NEW		1			CONCRETE	1	1	0		
8	SS-03	30	R1-2(36)	1	YIELD	30	36"	36"	4.5	NEW		1			SOIL	1	0	0		
1	SS-03	31	R1-1(18)	1	STOP	31	18"	18"	2.25	NEW		1			SOIL	1	0	0		
304	SS-03	32	R4-4	1	BEGIN RIGHT TURN LANE YIELD TO BIKES	32	36"	30"	7.5	NEW		1			SOIL	1	0	0		
304	SS-04	33	R4-4	1	BEGIN RIGHT TURN LANE YIELD TO BIKES	33	36"	30"	7.5	NEW		1			SOIL	1	0	0		
1694	SS-04	34	D4-3-DE	1	BUS STOP (DART)	34	12"	18"	1.5	NEW		1			SOIL	1	0	0		
778	SS-04	35A	W1-7(48)	1	TWO DIRECTIONAL LARGE ARROW - 48x24	35	48"	24"	8				NEW							
1964	SS-04	35B	OM4-3	1	END OF ROAD OBJECT MARKER	35	18"	18"	2.25	NEW		1			SOIL	2	0	0		
1964	SS-04	35C	OM4-3	1	END OF ROAD OBJECT MARKER	35	18"	18"	2.25	NEW		1								
694	SS-04	36	SR1-16-DE	1	STOP (shared-use path only)	36	24"	24"	4	NEW		1			SOIL	1	0	0		
304	SS-04	37	R4-4	1	BEGIN RIGHT TURN LANE YIELD TO BIKES	37	36"	30"	7.5	NEW		1			SOIL	1	0	0		
8	SS-04	38	R1-2(36)	1	YIELD	38	36"	30"	4.5	NEW		1			SOIL	1	0	0		
1	SS-04	39	R1-1(18)	1	STOP	39	18"	18"	2.25	NEW		1			SOIL	1	0	0		
PAGE TOTALS									180.65			6	48			4	2	32	1	0

[SHEET: SST1]

PLOTTED BY: BDOUGHERTY DATE: 6/22/2017
 FILE LOCATION: Q:\INDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD_JCR\SS11.DGN



DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

NOT TO SCALE

JAMISON CORNER ROAD, RELOCATED AT BOYDS CORNER ROAD

CONTRACT	BRIDGE NO.
T200912002	
COUNTY	DESIGNED BY: GMY
NEW CASTLE	CHECKED BY: MAW

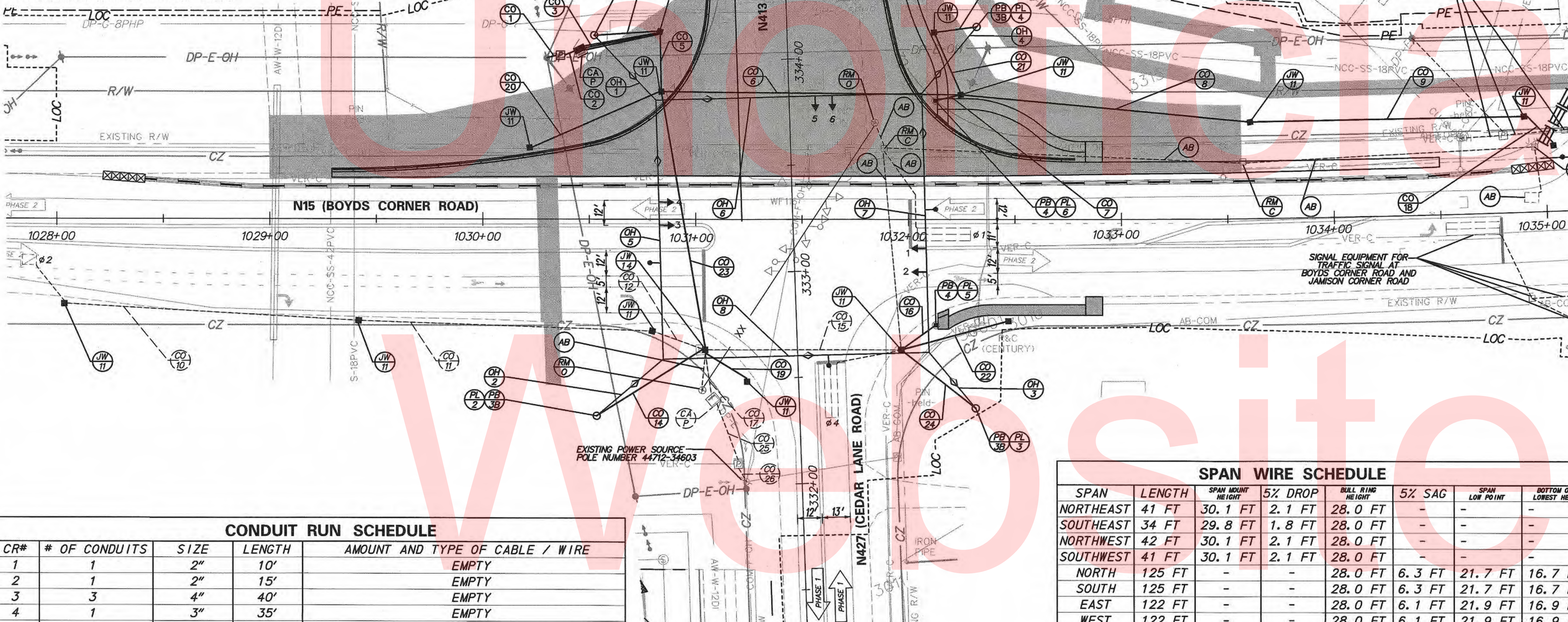
SIGNING, STRIPING AND CONDUIT PLAN

SS-09

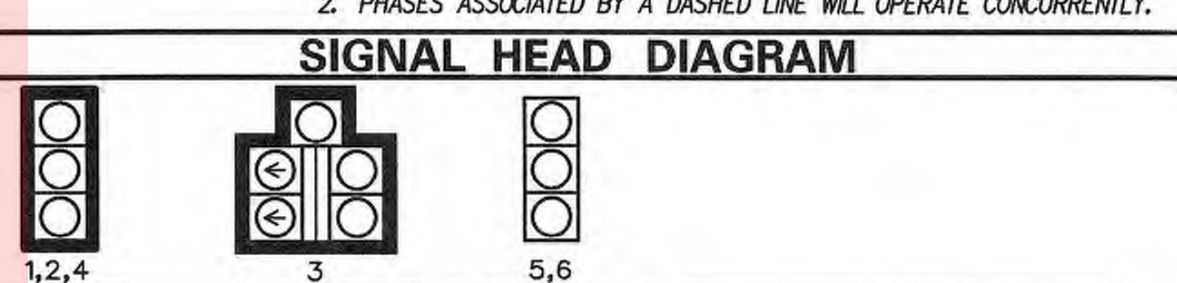
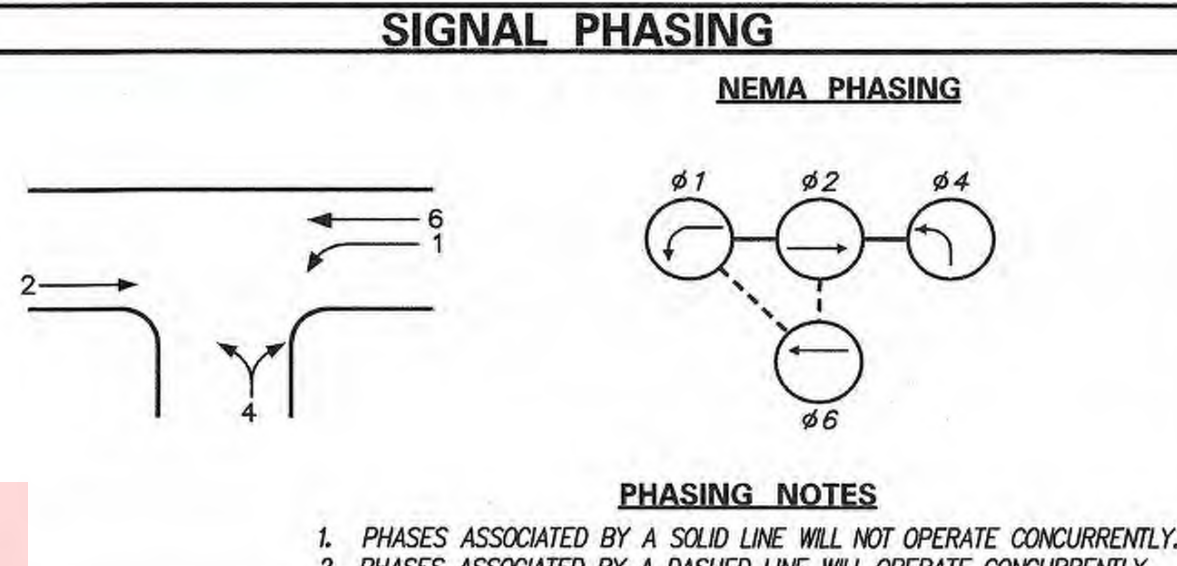
SHEET NO.
119
TOTAL SHTS.
123

ADDITIONAL GENERAL SIGNAL NOTES

- THE LOOP DETECTOR ON THE CEDAR LANE APPROACH SHALL BE MAINTAINED DURING CONSTRUCTION. THE OTHER LOOP DETECTORS SHALL BE MAINTAINED AS LONG AS POSSIBLE DURING CONSTRUCTION. ONCE THE LOOPS ALONG BOYDS CORNER ROAD ARE CUT, THE CONTRACTOR SHALL NOTIFY THE TMC SO THAT THE SIGNAL TIMINGS AND PHASING CAN BE UPDATED. THE LEFT TURN FROM WESTBOUND BOYDS CORNER ROAD WILL BECOME A PRE-TIMED PROTECTED-PERMITTED PHASE AFTER THE LOOP IS CUT.
- BACKPLATES WILL BE INSTALLED FOR SIGNAL HEADS #1, #2, #3 AND #4. A TETHER WIRE WILL BE INSTALLED IN ADDITION TO THE SPAN WIRE.
- THE PROPOSED SPAN WIRE AND SIGNAL HEADS SHALL BE OPERATIONAL BEFORE THE REMOVAL OF THE EXISTING SPAN WIRE AND ASSOCIATED SIGNAL HEADS.
- SIGNAL HEADS #3 AND #4 SHALL BE HAVE LOUVERS, UNTIL THE TEMPORARY TRAFFIC SIGNAL AT JAMISON CORNER ROAD AND BOYDS CORNER ROAD IS DEACTIVATED.
- UPGRADE EXISTING TYPE 1 JUNCTION WELLS AT STA. 1028+03 OFFSET 40' RT, STA. 1029+41 OFFSET 48' RT, STA. 1030+79 OFFSET 53' RT, AND STA. 1031+96 OFFSET 61' RT, TO TYPE 11 JUNCTION WELLS.
- UPGRADE EXISTING JUNCTION WELL AT STA. 1031+04 OFFSET 61' RT TO A TYPE 14 JUNCTION WELL.
- REMOVAL OF JUNCTION WELLS AND CABINET FOUNDATION SHALL BE PAID UNDER #21000. REMOVAL OF POLE BASES SHALL BE INCIDENTAL TO ITEM #202000.



PHASE 1 AND 2



LEGEND

(AB)	ABANDON	(OH)	EXISTING OVERHEAD RUN IDENTIFIER (# OF OVERHEAD RUN)
(CA)	EXISTING CABINET IDENTIFIER (TYPE OF CABINET)	(OH)	PROPOSED OVERHEAD RUN IDENTIFIER (# OF OVERHEAD RUN)
(CB)	PROPOSED CABINET IDENTIFIER (TYPE OF CABINET)	(PB)	EXISTING POLE BASE IDENTIFIER (TYPE OF POLE BASE)
(CO)	EXISTING CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)	(PB)	PROPOSED POLE BASE IDENTIFIER (TYPE OF POLE BASE)
(CP)	PROPOSED CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)	(PL)	EXISTING POLE IDENTIFIER (# OF POLE)
(JW)	EXISTING JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)	(PL)	PROPOSED POLE IDENTIFIER (# OF POLE)
(JW)	PROPOSED JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)	(RM)	REMOVE BY CONTRACTOR
(MA)	EXISTING MAST ARM IDENTIFIER (LENGTH OF ARM)	(RM)	REMOVE BY OTHERS
(MA)	PROPOSED MAST ARM IDENTIFIER (LENGTH OF ARM)	(RM)	REMOVE BY TRAFFIC CONTRACTOR

	EXISTING SYMBOL	PROPOSED SYMBOL
JUNCTION WELL	J.W.	■
LOOP DETECTOR, TYPE 1	□	□
LOOP DETECTOR, TYPE 2	□	□
LUMINAIRE	⊙	⊙
MAST ARM	→	→
MICROWAVE DETECTION	⊙	⊙
OPTICOM RECEIVER	⊙	⊙
OVERHEAD SIGNING	—	—
PEDESTRIAN POLE/BASE	⊙	⊙
PEDESTRIAN PUSHBUTTON	→	→
PEDESTRIAN SIGNAL HEAD	→	→
RIGHT-OF-WAY	—	—
SERVICE PEDESTAL	□	□
SIGNAL CABINET	□	□
SIGNAL HEAD	→	→
SIGNAL POLE/BASE	⊙	⊙
SPAN INSULATOR	◇	◇
SPAN WIRE	—	—
UTILITY POLE	⊙	⊙
VIDEO DETECTION	⊙	⊙

GENERAL SIGNAL NOTES

- ALL SIGNAL POLES WILL BE 32 FEET, EXCEPT WHERE SHOWN.
- ALL SIGNAL EQUIPMENT REMOVED FROM A PROJECT IS TO BE RETURNED TO DELDOT TRAFFIC - DOVER, DELAWARE.
- POLE BASES, CABINET BASE AND CONDUIT JUNCTION WELLS TO BE REMOVED IN ACCORDANCE WITH SECTION 211 OF THE STANDARD SPECIFICATIONS OR AS DIRECTED BY ENGINEER. EXISTING CONDUIT IS TO BE ABANDONED.
- ALL GALVANIZED CONDUIT (GRC) SHALL BE REAMED AND THREADED. ALL GRC SHALL BE THREADED TOGETHER WITH APPROVED COUPLINGS, SET SCREW, BOLTED, AND COMPRESSION FITTING ARE NOT ACCEPTABLE.
- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY, AND/OR THE APPROPRIATE UTILITY PRIOR TO THE BEGINNING OF CONSTRUCTION FOR THE UTILITY MARKOUTS. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY DELDOT TRAFFIC IMMEDIATELY BEFORE CONSTRUCTION.
- INSTALL SIGNAL POLES, SPAN WIRE, AND TRAFFIC SIGNALS PRIOR TO REMOVING EXISTING TRAFFIC SIGNAL EQUIPMENT.
- THE EXISTING CONTROLLER CABINET LOCATED AT STATION 1031+08, OFFSET 85' RT SHALL BE USED UNTIL THE NEW SIGNAL CABINET BECOMES OPERATIONAL. ALL PROPOSED SIGNAL HEADS AND EXISTING LOOP DETECTORS WILL BE CONTROLLED THROUGH THE EXISTING CONTROLLER CABINET.

CONDUIT RUN SCHEDULE

CR#	# OF CONDUITS	SIZE	LENGTH	AMOUNT AND TYPE OF CABLE / WIRE
1	1	2"	10'	EMPTY
2	1	2"	15'	EMPTY
3	3	4"	40'	EMPTY
4	1	3"	35'	EMPTY
5	1	4"	35'	EMPTY
6	1	4"	155'	EMPTY
7	1	2.5"	15'	EMPTY
8	1	2.5"	150'	EMPTY
9	1	2.5"	145'	EMPTY
*10	1	2.5"	150'	EXISTING [(1)4/#18] NEW [(1)1/#6 GRD]
*11	1	2.5"	150'	EXISTING [(1)4/#18] NEW [(1)1/#6 GRD]
*12	1	2.5"	30'	EXISTING [(1)4/#18] NEW [(1)1/#6 GRD]
13	1	3"	30'	EMPTY
14	1	3"	70'	NEW [(3)4/#18, (2)16/#14, (1)1/#6 GRD]
*15	1	2.5"	105'	EXISTING [(1)4/#18], NEW [(1)1/#6 GRD], REMOVE [(2)4/#18]
16	1	2.5"	25'	EMPTY
*17	1	2.5"	25'	NEW [(3)4/#18, (2)16/#14, (1)1/#6 GRD], EXISTING [(2)4/#18], REMOVE [(2)4/#18]
18	1	2.5"	20'	EMPTY
19	1	2.5"	30'	EMPTY
20	1	2.5"	75'	EMPTY
21	1	4"	35'	EMPTY
22	1	2.5"	60'	EMPTY
23	1	4"	135'	EMPTY
24	1	3"	50'	EMPTY
*25	1	2"	30'	EXISTING [(1)2/#8 U.F. W/ GROUND]
*26	1	2"	10'	EXISTING [(1)2/#8 U.F. W/ GROUND]

JUNCTION WELL AND CABINET SCHEDULE

NO.	STATION	OFFSET
J11	1028+03	40' RT
J11	1029+41	48' RT
J11	1030+79	53' RT
J14	1031+04	61' RT
J11	1031+96	61' RT
J14	1030+84	89' LT
J11	1030+84	60' LT
J11	1032+25	59' LT
J11	1033+61	45' LT
J11	1034+91	45' LT
J11	1030+22	34' LT
J11	1032+05	87' LT
J11	1035+04	31' LT
J11	1031+24	76' RT
J11	1032+47	48' RT
*CA	1031+08	85' RT
CA	1030+46	79' LT

SPAN WIRE SCHEDULE

SPAN	LENGTH	SPAN MOUNT HEIGHT	5% DROP	BULL RING HEIGHT	5% SAG	SPAN LOW POINT	BOTTOM OF LOWEST HEAD
NORTHEAST	41 FT	30.1 FT	2.1 FT	28.0 FT	-	-	-
SOUTHEAST	34 FT	29.8 FT	1.8 FT	28.0 FT	-	-	-
NORTHWEST	42 FT	30.1 FT	2.1 FT	28.0 FT	-	-	-
SOUTHWEST	41 FT	30.1 FT	2.1 FT	28.0 FT	-	-	-
NORTH	125 FT	-	-	28.0 FT	6.3 FT	21.7 FT	16.7 FT
SOUTH	125 FT	-	-	28.0 FT	6.3 FT	21.7 FT	16.7 FT
EAST	122 FT	-	-	28.0 FT	6.1 FT	21.9 FT	16.9 FT
WEST	122 FT	-	-	28.0 FT	6.1 FT	21.9 FT	16.9 FT

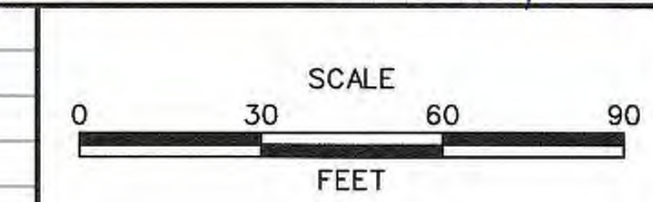
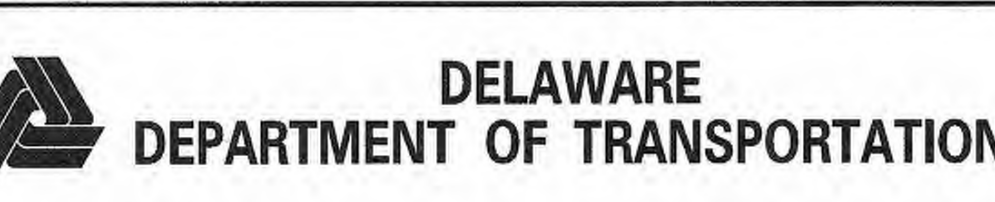
FIELD ADJUST SPAN MOUNT HEIGHT AS REQUIRED. DUE TO USING A SUSPENDED BOX SPAN, THE CALCULATED HEIGHTS ABOVE MAY BE LOWER THAN ANTICIPATED.

POLE SCHEDULE

NO.	TYPE	STATION	OFFSET
1	32' STRAIN POLE W/ TYPE 3B BASE	1030+52	87' LT
2	32' STRAIN POLE W/ TYPE 3B BASE	1030+53	93' RT
3	32' STRAIN POLE W/ TYPE 3B BASE	1032+31	89' RT
4	32' STRAIN POLE W/ TYPE 3B BASE	1032+32	91' LT
5	PEDESTAL POLE W/ TYPE 4 BASE	1032+13	50' RT
6	PEDESTAL POLE W/ TYPE 4 BASE	1032+13	56' LT

* EXISTING OR CONSTRUCTED DURING PREVIOUS PHASE

RECOMMENDED *M. W. H. W. H.* DATE: 2/14/17 | RECOMMENDED *John K. ...* DATE: 2/21/17 | RECOMMENDED *John K. ...* DATE: 02/22/17 | APPROVED TRAFFIC ENGINEER *[Signature]* DATE: 2/23/17 | APPROVED FOR INSTALLATION CHIEF TRAFFIC ENGINEER *[Signature]* DATE: 2/24/17



JAMISON CORNER ROAD, RELOCATED AT BOYDS CORNER ROAD

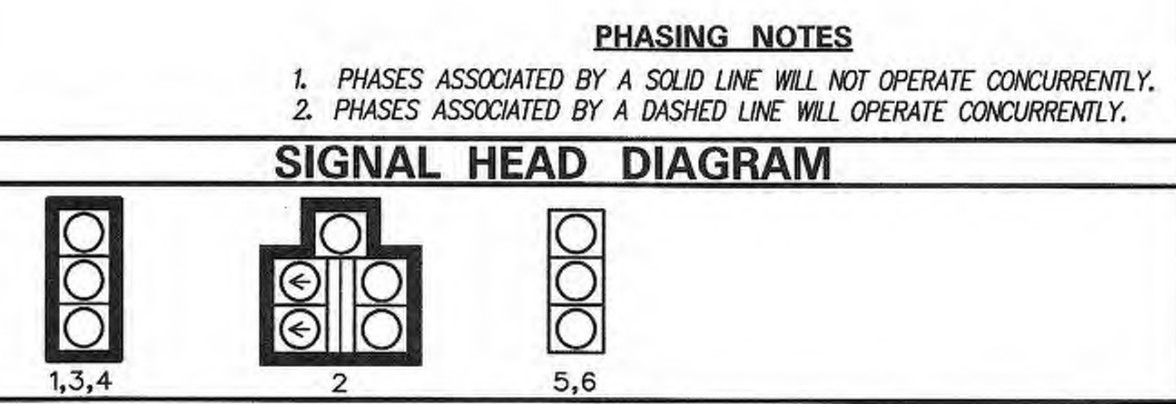
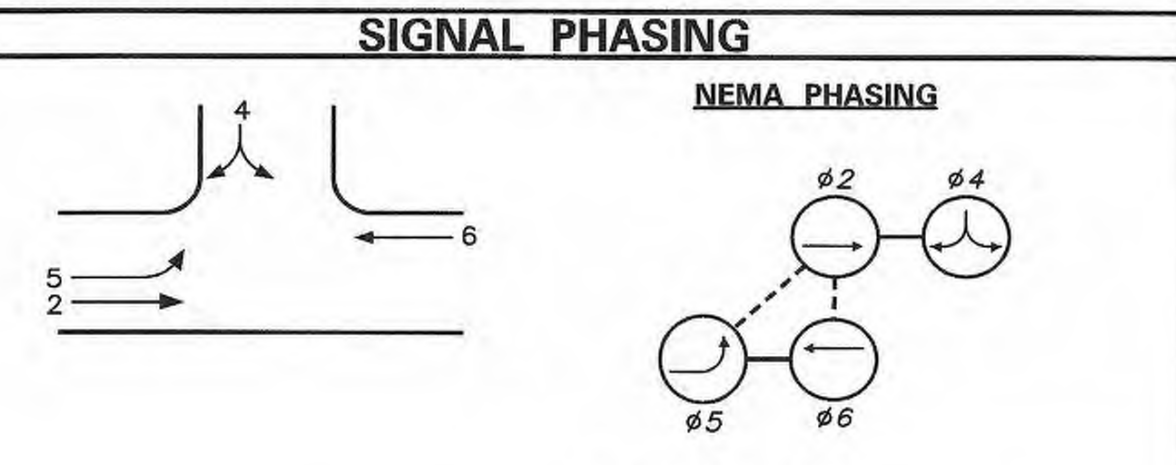
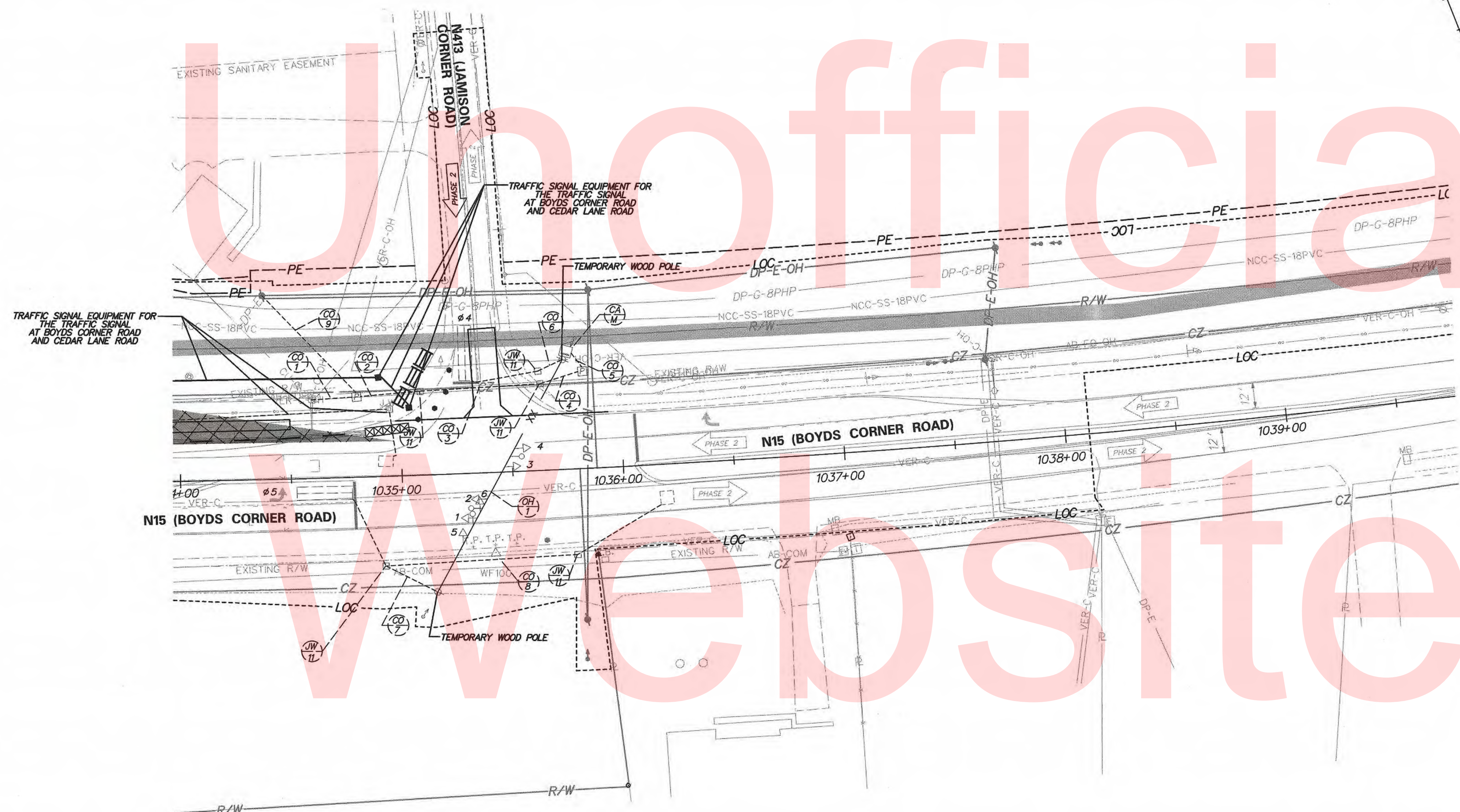
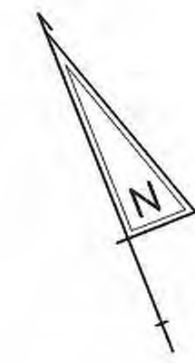
CONTRACT	T200912002	PERMIT NO.	N673	SHEET NO.	120
COUNTY	NEW CASTLE	DESIGNED BY:	JDS (JMT)	TOTAL SHTS.	123
		CHECKED BY:	MAW (JMT)		

PLOTTED BY: JDSMITH DATE: 2/14/2017
 FILE LOCATION: Q:\NDE\060272_000DELDOTDOTS\TASK002_BOYDSCORNERROAD\CADD\CADD\JCR\S601_01.DGN [SHEET: S601_01]

ADDITIONAL GENERAL SIGNAL NOTES

- ONCE THE REALIGNMENT OF JAMISON CORNER ROAD IS COMPLETED (CONTRACT # T200912002) ALL THE SIGNAL EQUIPMENT SHALL BE REMOVED AND RETURNED TO DELDOT TRAFFIC - DOVER, DELAWARE.
- REMOVAL OF JUNCTION WELLS SHALL BE PAID UNDER #211000.

PHASE 1 AND 2



LEGEND

(AB)	ABANDON	(OH)	EXISTING OVERHEAD RUN IDENTIFIER (# OF OVERHEAD RUN)
(CA)	EXISTING CABINET IDENTIFIER (TYPE OF CABINET)	(OH)	PROPOSED OVERHEAD RUN IDENTIFIER (# OF OVERHEAD RUN)
(CA)	PROPOSED CABINET IDENTIFIER (TYPE OF CABINET)	(PB)	EXISTING POLE BASE IDENTIFIER (TYPE OF POLE BASE)
(CO)	EXISTING CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)	(PB)	PROPOSED POLE BASE IDENTIFIER (TYPE OF POLE BASE)
(CO)	PROPOSED CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)	(PL)	EXISTING POLE IDENTIFIER (# OF POLE)
(JW)	EXISTING JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)	(PL)	PROPOSED POLE IDENTIFIER (# OF POLE)
(JW)	PROPOSED JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)	(RM)	REMOVE BY CONTRACTOR
(MA)	EXISTING MAST ARM IDENTIFIER (LENGTH OF ARM)	(RM)	REMOVE BY OTHERS
(MA)	PROPOSED MAST ARM IDENTIFIER (LENGTH OF ARM)	(RM)	REMOVE BY TRAFFIC CONTRACTOR

	EXISTING SYMBOL	PROPOSED SYMBOL
JUNCTION WELL	J.W.	■
LOOP DETECTOR, TYPE 1	□	□
LOOP DETECTOR, TYPE 2	□	□
LUMINAIRE	⬇	⬇
MAST ARM	⬇	⬇
MICROWAVE DETECTION	⬇	⬇
OPTICOM RECEIVER	⬇	⬇
OVERHEAD SIGNING	⬇	⬇
PEDESTRIAN POLE/BASE	⊙	⊙
PEDESTRIAN PUSHBUTTON	⬇	⬇
PEDESTRIAN SIGNAL HEAD	⬇	⬇
RIGHT-OF-WAY	---	--- R/W ---
SERVICE PEDESTAL	⬇	⬇
SIGNAL CABINET	⬇	⬇
SIGNAL HEAD	⬇	⬇
SIGNAL POLE/BASE	⊙	⊙
SPAN INSULATOR	◇	◇
SPAN WIRE	--- XX ---	--- XX ---
UTILITY POLE	⬇	⬇
VIDEO DETECTION	⬇	⬇

GENERAL SIGNAL NOTES

- ALL SIGNAL POLES WILL BE 32 FEET, EXCEPT WHERE SHOWN.
- ALL SIGNAL EQUIPMENT REMOVED FROM A PROJECT IS TO BE RETURNED TO DELDOT TRAFFIC - DOVER, DELAWARE.
- POLE BASES, CABINET BASE AND CONDUIT JUNCTION WELLS TO BE REMOVED IN ACCORDANCE WITH SECTION 211 OF THE STANDARD SPECIFICATIONS OR AS DIRECTED BY ENGINEER. EXISTING CONDUIT IS TO BE ABANDONED.
- ALL GALVANIZED CONDUIT (GRC) SHALL BE REAMED AND THREADED. ALL GRC SHALL BE THREADED TOGETHER WITH APPROVED COUPLINGS, SET SCREW, BOLTED, AND COMPRESSION FITTING ARE NOT ACCEPTABLE.
- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MSS UTILITY, AND/OR THE APPROPRIATE UTILITY PRIOR TO THE BEGINNING OF CONSTRUCTION FOR THE UTILITY MARKOUTS. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY DELDOT TRAFFIC IMMEDIATELY BEFORE CONSTRUCTION.

CONDUIT RUN SCHEDULE

CR#	# OF CONDUITS	B/T/O	SIZE	LENGTH	AMOUNT AND TYPE OF CABLE / WIRE
*1	1	T	2"	20'	(1)2/#8 U.F. W/GROUND
*2	1	T	2"	30'	(1)2/#8 U.F. W/GROUND
*3	1	B	2"	55'	(1)2/#8 U.F. W/GROUND
*4	1	T	2"	20'	(1)2/#8 U.F. W/GROUND
*5	1	T	2"	10'	(1)2/#8 U.F. W/GROUND
*6	1 (SCHD 80 PVC)	T	4"	15'	(1)2/#14, (1)1/#6 GRD
*7	1 (SCHD 80 PVC)	T	4"	30'	(2)2/#14, (1)1/#6 GRD
*8	1 (SCHD 80 PVC)	T	4"	90'	(1)2/#14, (1)1/#6 GRD
*9	1	T	2"	65'	(1)2/#8 U.F. W/GROUND
*OH1				120'	(1)16/#14, (3)4/#18, (2)2/#14, (1)1/#6 GRD

SPAN WIRE SCHEDULE

SPAN	LENGTH	SPAN MOUNT HEIGHT	SAG	SPAN LOW POINT	BOTTOM OF LOWEST HEAD
NORTHEAST	120 FT	28.0 FT	6.0 FT @ 5.0%	22.0 FT	17.0 FT

FIELD ADJUST SPAN MOUNT HEIGHT AS REQUIRED.

POLE SCHEDULE

NO.	TYPE	STATION	OFFSET
*1	45' TEMPORARY WOOD POLE	1035+14	53' RT
*2	45' TEMPORARY WOOD POLE	1035+75	50' LT

JUNCTION WELL AND CABINET SCHEDULE

NO.	STATION	OFFSET
*J11	1035+10	38' LT
*J11	1035+63	45' LT
*J11	1035+64	39' LT
*J11	1034+91	41' RT
*J11	1035+77	38' RT
*CA	1035+76	53' LT

* EXISTING OR CONSTRUCTED DURING PREVIOUS PHASE
NOTE: ALL CONDUITS WILL BE GALVANIZED STEEL UNLESS OTHERWISE NOTED

* EXISTING OR CONSTRUCTED DURING PREVIOUS PHASE

* EXISTING OR CONSTRUCTED DURING PREVIOUS PHASE

PLOTTED BY: JDSMITH DATE: 2/14/2017
 FILE LOCATION: Q:\NDE\060272_000DELDOT\DOTS\TASK002_BOYDSCORNERROAD\CADD\CADD...JCR\S603_01.DGN [SHEET: S603_01]

RECOMMENDED <i>Mi Wahed</i> DATE: 2/2/17	RECOMMENDED <i>Joseph Burt</i> DATE: 2/1/17	RECOMMENDED <i>John S. Smith</i> DATE: 2/2/17	APPROVED TRAFFIC ENGINEER <i>[Signature]</i> DATE: 2/23/17	APPROVED FOR INSTALLATION CHIEF TRAFFIC ENGINEER <i>[Signature]</i> DATE: 2/24/17
DELAWARE DEPARTMENT OF TRANSPORTATION ADDENDUM / REVISIONS			SCALE 0 30 60 90 FEET	JAMISON CORNER ROAD, RELOCATED AT BOYDS CORNER ROAD
CONTRACT T201704104 COUNTY NEW CASTLE		PERMIT NO. N827 DESIGNED BY: JDS (JMT) CHECKED BY: MAW (JMT)		SIGNAL PLAN SR 896 @ JAMISON CORNER RD
			SHEET NO. 121	TOTAL SHTS. 123

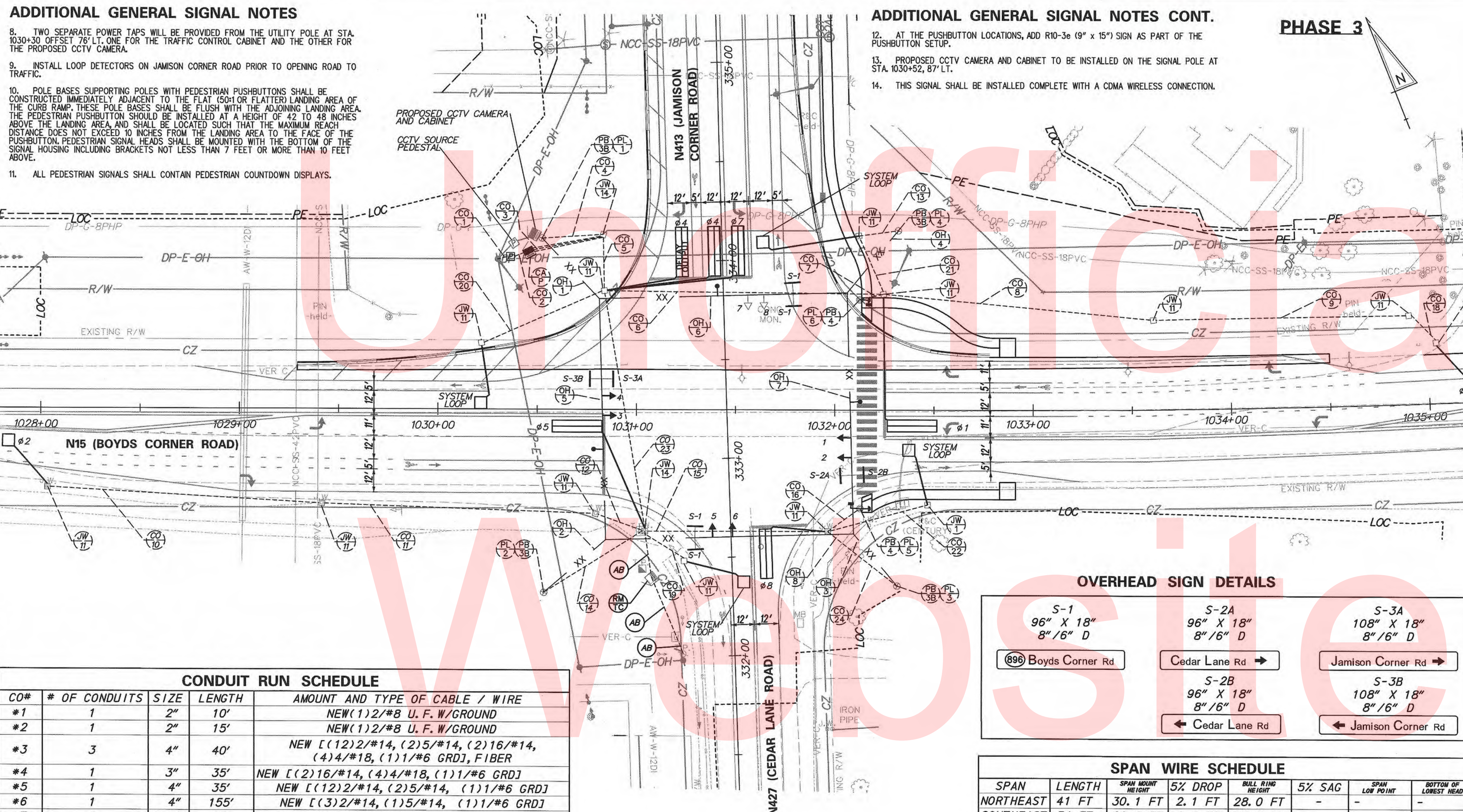
ADDITIONAL GENERAL SIGNAL NOTES

- TWO SEPARATE POWER TAPS WILL BE PROVIDED FROM THE UTILITY POLE AT STA. 1030+30 OFFSET 76' LT. ONE FOR THE TRAFFIC CONTROL CABINET AND THE OTHER FOR THE PROPOSED CCTV CAMERA.
- INSTALL LOOP DETECTORS ON JAMISON CORNER ROAD PRIOR TO OPENING ROAD TO TRAFFIC.
- POLE BASES SUPPORTING POLES WITH PEDESTRIAN PUSHBUTTONS SHALL BE CONSTRUCTED IMMEDIATELY ADJACENT TO THE FLAT (50' OR FLATTER) LANDING AREA OF THE CURB RAMP. THESE POLE BASES SHALL BE FLUSH WITH THE ADJOINING LANDING AREA. THE PEDESTRIAN PUSHBUTTON SHOULD BE INSTALLED AT A HEIGHT OF 42 TO 48 INCHES ABOVE THE LANDING AREA AND SHALL BE LOCATED SUCH THAT THE MAXIMUM REACH DISTANCE DOES NOT EXCEED 10 INCHES FROM THE LANDING AREA TO THE FACE OF THE PUSHBUTTON. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 7 FEET OR MORE THAN 10 FEET ABOVE.
- ALL PEDESTRIAN SIGNALS SHALL CONTAIN PEDESTRIAN COUNTDOWN DISPLAYS.

ADDITIONAL GENERAL SIGNAL NOTES CONT.

- AT THE PUSHBUTTON LOCATIONS, ADD R10-3e (9" x 15") SIGN AS PART OF THE PUSHBUTTON SETUP.
- PROPOSED CCTV CAMERA AND CABINET TO BE INSTALLED ON THE SIGNAL POLE AT STA. 1030+52, 87' LT.
- THIS SIGNAL SHALL BE INSTALLED COMPLETE WITH A CDMA WIRELESS CONNECTION.

PHASE 3

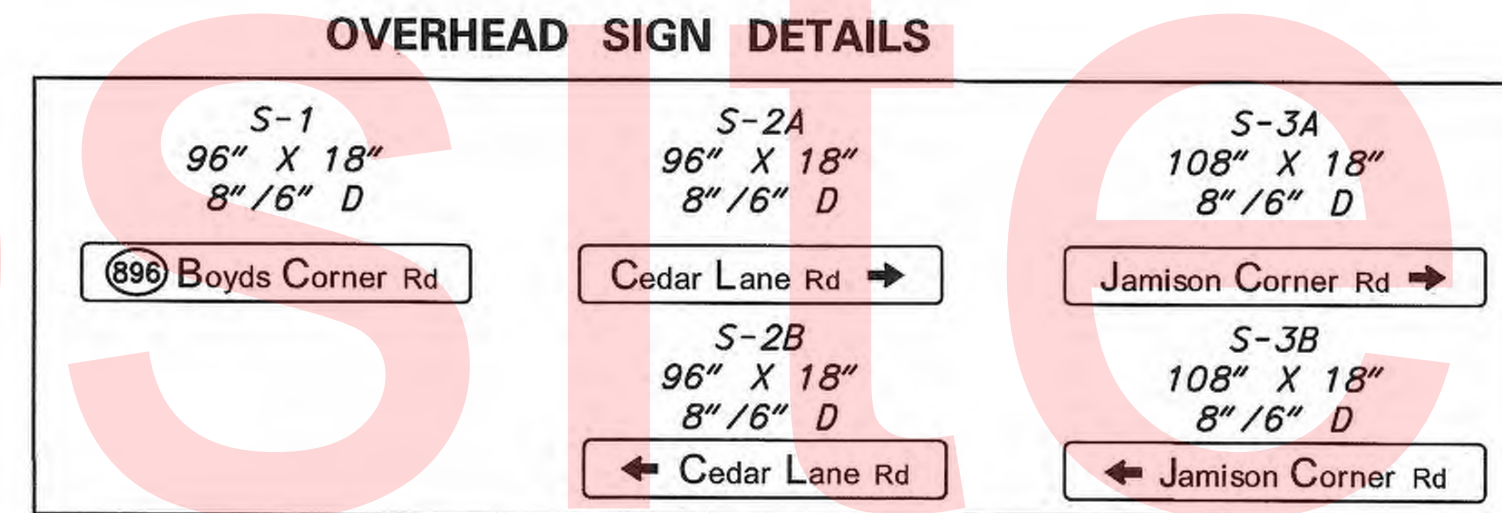


CO#	# OF CONDUITS	SIZE	LENGTH	AMOUNT AND TYPE OF CABLE / WIRE
*1	1	2"	10'	NEW (1)2/#8 U. F. W/GROUND
*2	1	2"	15'	NEW (1)2/#8 U. F. W/GROUND
*3	3	4"	40'	NEW [(1)2/#14, (2)5/#14, (2)16/#14, (4)4/#18, (1)1/#6 GRD], FIBER
*4	1	3"	35'	NEW [(2)16/#14, (4)4/#18, (1)1/#6 GRD]
*5	1	4"	35'	NEW [(1)2/#14, (2)5/#14, (1)1/#6 GRD]
*6	1	4"	155'	NEW [(3)2/#14, (1)5/#14, (1)1/#6 GRD]
*7	1	2.5"	15'	NEW [(1)5/#14, (1)1/#6 GRD]
*8	1	2.5"	150'	NEW [(1)2/#14, (1)1/#6 GRD]
*9	1	2.5"	145'	NEW [(1)2/#14, (1)1/#6 GRD]
*10	1	2.5"	150'	NEW (1)2/#14, EXISTING (1)1/#6 GRD, REMOVE (1)4/#18
*11	1	2.5"	150'	NEW (1)2/#14, EXISTING (1)1/#6 GRD, REMOVE (1)4/#18
*12	1	2.5"	30'	NEW (1)2/#14, EXISTING (1)1/#6 GRD, REMOVE (1)4/#18
*13	1	3"	30'	EMPTY
*14	1	3"	70'	REMOVE [(1)1/#6 GRD, (3)4/#18, (2)16/#14]: ABANDON
*15	1	2.5"	105'	NEW [(2)2/#14, (1)5/#14], EXISTING (1)1/#6 GRD, REMOVE (1)4/#18
*16	1	2.5"	25'	NEW [(1)5/#14, (1)1/#6 GRD]
*18	1	2.5"	20'	NEW [(1)2/#14, (1)1/#6 GRD]
*19	1	2.5"	30'	NEW [(1)2/#14, (1)1/#6 GRD]
*20	1	2.5"	75'	NEW [(1)2/#14, (1)1/#6 GRD]
*21	1	4"	35'	NEW [(1)2/#14, (1)1/#6 GRD]
*22	1	2.5"	60'	NEW [(1)2/#14, (1)1/#6 GRD]
*23	1	4"	135'	NEW [(5)2/#14, (1)5/#14, (1)1/#6 GRD]
*24	1	3"	50'	EMPTY

* EXISTING OR CONSTRUCTED DURING PREVIOUS PHASE

NO.	STATION	OFFSET
*J11	1028+03	40' RT
*J11	1029+41	48' RT
*J11	1030+79	53' RT
*J14	1031+04	61' RT
*J11	1031+96	61' RT
*J14	1030+84	89' LT
*J11	1030+84	60' LT
*J11	1032+25	59' LT
*J11	1033+61	45' LT
*J11	1034+91	45' LT
*J11	1030+22	34' LT
*J11	1032+12	88' LT
*J11	1035+04	31' LT
*J11	1031+24	76' RT
*J11	1032+47	48' RT
*CA	1030+46	79' LT

* EXISTING OR CONSTRUCTED DURING PREVIOUS PHASE

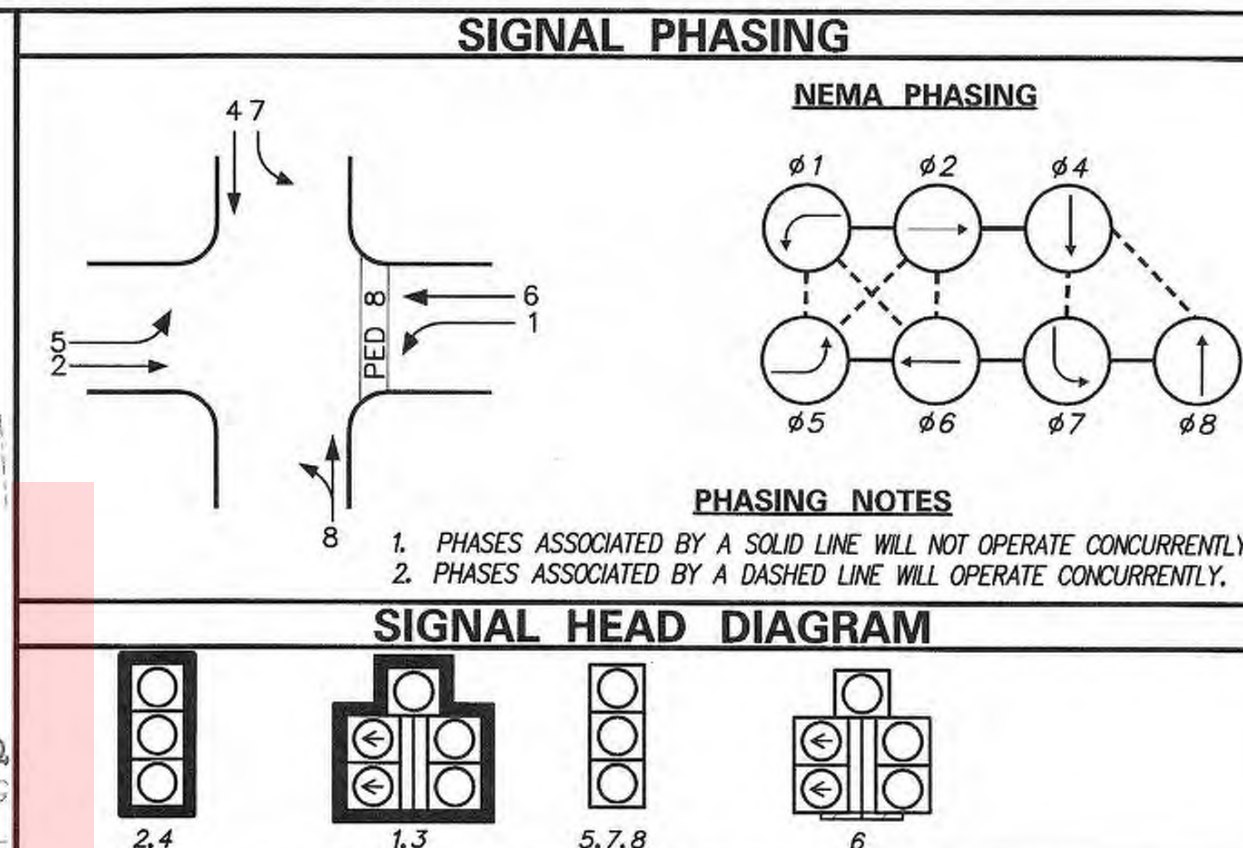


SPAN	LENGTH	SPAN MOUNT HEIGHT	5% DROP	BULL RING HEIGHT	5% SAG	SPAN LOW POINT	BOTTOM OF LOWEST HEAD
NORTHEAST	41 FT	30.1 FT	2.1 FT	28.0 FT	-	-	-
SOUTHEAST	34 FT	29.8 FT	1.8 FT	28.0 FT	-	-	-
NORTHWEST	42 FT	30.1 FT	2.1 FT	28.0 FT	-	-	-
SOUTHWEST	41 FT	30.1 FT	2.1 FT	28.0 FT	-	-	-
NORTH	125 FT	-	-	28.0 FT	6.3 FT	21.7 FT	16.7 FT
SOUTH	125 FT	-	-	28.0 FT	6.3 FT	21.7 FT	16.7 FT
EAST	122 FT	-	-	28.0 FT	6.1 FT	21.9 FT	16.9 FT
WEST	122 FT	-	-	28.0 FT	6.1 FT	21.9 FT	16.9 FT

FIELD ADJUST SPAN MOUNT HEIGHT AS REQUIRED. DUE TO USING A SUSPENDED BOX SPAN, THE CALCULATED HEIGHTS ABOVE MAY BE LOWER THAN ANTICIPATED.

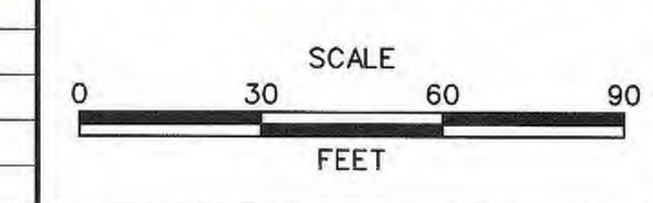
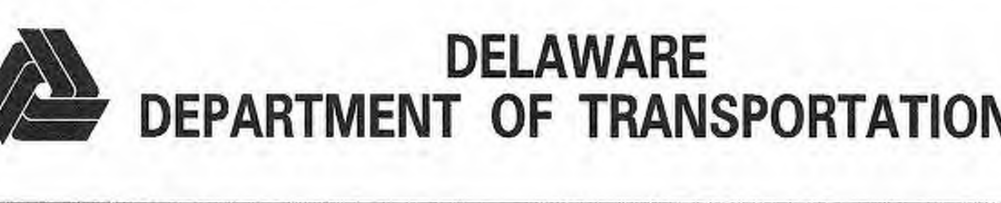
NO.	TYPE	STATION	OFFSET
*1	32' STRAIN POLE W/ TYPE 3B BASE	1030+52	87' LT
*2	32' STRAIN POLE W/ TYPE 3B BASE	1030+53	93' RT
*3	32' STRAIN POLE W/ TYPE 3B BASE	1032+31	89' RT
*4	32' STRAIN POLE W/ TYPE 3B BASE	1032+32	91' LT
*5	PEDESTAL POLE W/ TYPE 4 BASE	1032+13	50' RT
*6	PEDESTAL POLE W/ TYPE 4 BASE	1032+13	56' LT

* EXISTING OR CONSTRUCTED DURING PREVIOUS PHASE



EXISTING SYMBOL	PROPOSED SYMBOL
JUNCTION WELL	J.W.
LOOP DETECTOR, TYPE 1	[Symbol]
LOOP DETECTOR, TYPE 2	[Symbol]
LUMINAIRE	[Symbol]
MAST ARM	[Symbol]
MICROWAVE DETECTION	[Symbol]
OPTICOM RECEIVER	[Symbol]
OVERHEAD SIGNING	[Symbol]
PEDESTRIAN POLE/BASE	[Symbol]
PEDESTRIAN PUSHBUTTON	[Symbol]
PEDESTRIAN SIGNAL HEAD	[Symbol]
RIGHT-OF-WAY	[Symbol]
SERVICE PEDESTAL	[Symbol]
SIGNAL CABINET	[Symbol]
SIGNAL HEAD	[Symbol]
SIGNAL POLE/BASE	[Symbol]
SPAN INSULATOR	[Symbol]
SPAN WIRE	[Symbol]
UTILITY POLE	[Symbol]
VIDEO DETECTION	[Symbol]

RECOMMENDED *Mi Wabel* DATE: 2/14/17 | RECOMMENDED *[Signature]* DATE: 2/21/17 | RECOMMENDED *[Signature]* DATE: 02/22/17 | APPROVED TRAFFIC ENGINEER *[Signature]* DATE: 2/23/17 | APPROVED FOR INSTALLATION CHIEF TRAFFIC ENGINEER *[Signature]* DATE: 2/24/17



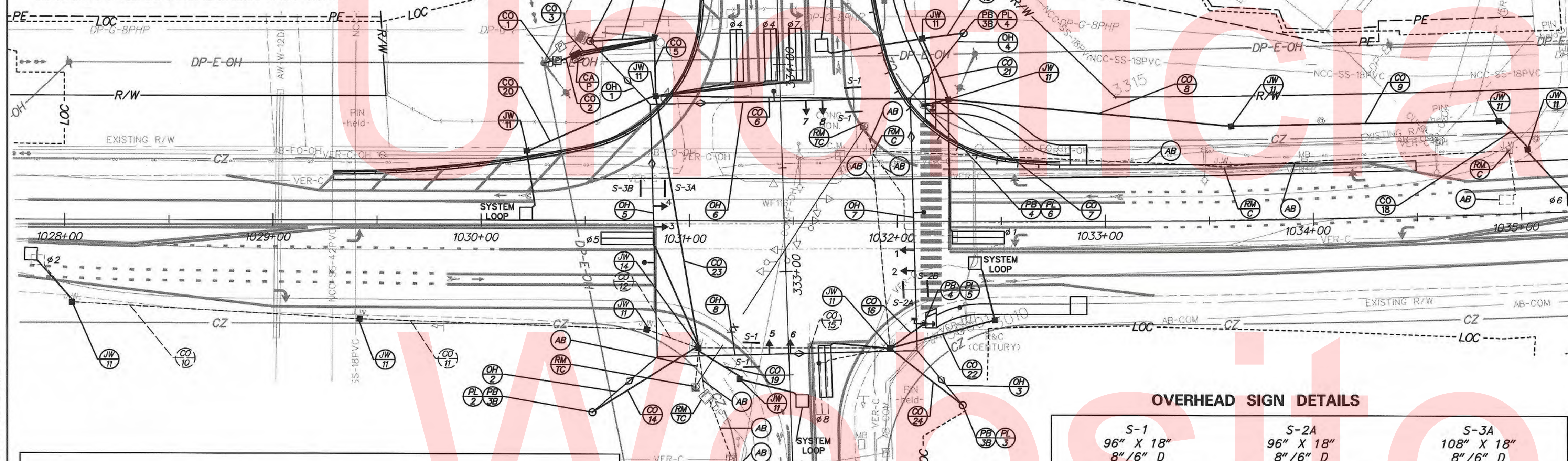
JAMISON CORNER ROAD, RELOCATED AT BOYD'S CORNER ROAD

CONTRACT T200912002	PERMIT NO. N673	SHEET NO. 122
COUNTY NEW CASTLE	DESIGNED BY: JDS (JMT)	TOTAL SHTS. 123
	CHECKED BY: MAW (JMT)	

PLOTTED BY: JDSMITH DATE: 2/14/2017
 FILE LOCATION: O:\INDE\060272_000DELDOT\T00\TASK002_BOYDSCORNERROAD\CADD\JCR\SG01_PHS_3.DGN [SHEET: SG01_PHS_3]

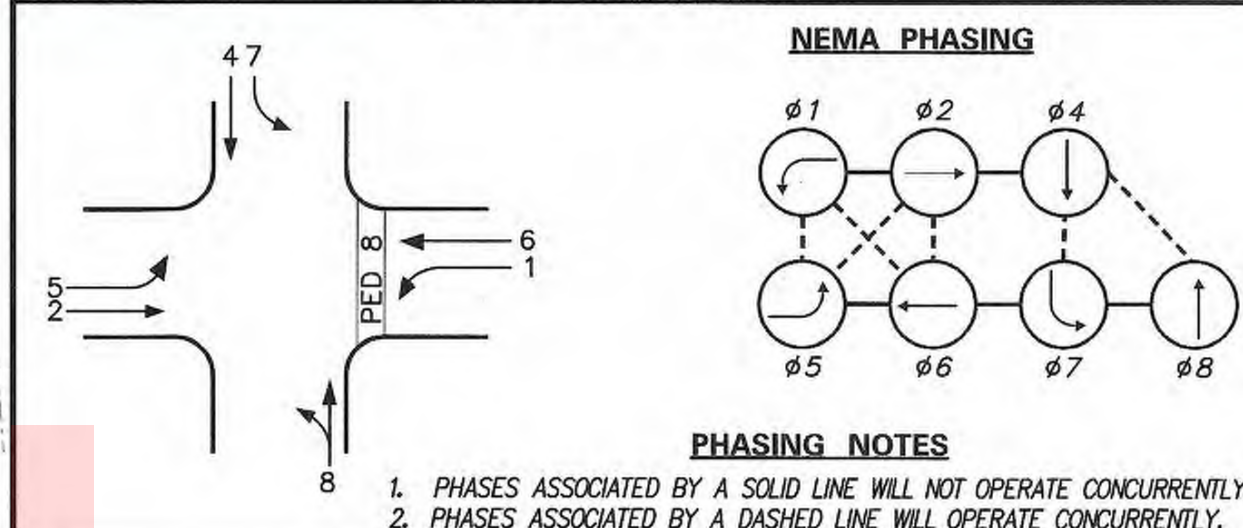
ADDITIONAL GENERAL SIGNAL NOTES

- POLE BASES SUPPORTING POLES WITH PEDESTRIAN PUSHBUTTONS SHALL BE CONSTRUCTED IMMEDIATELY ADJACENT TO THE FLAT (50:1 OR FLATTER) LANDING AREA OF THE CURB RAMP. THESE POLE BASES SHALL BE FLUSH WITH THE ADJOINING LANDING AREA. THE PEDESTRIAN PUSHBUTTON SHOULD BE INSTALLED AT A HEIGHT OF 42 TO 48 INCHES ABOVE THE LANDING AREA AND SHALL BE LOCATED SUCH THAT THE MAXIMUM REACH DISTANCE DOES NOT EXCEED 10 INCHES FROM THE LANDING AREA TO THE FACE OF THE PUSHBUTTON. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 7 FEET OR MORE THAN 10 FEET ABOVE.
- ALL PEDESTRIAN SIGNALS SHALL CONTAIN PEDESTRIAN COUNTDOWN DISPLAYS.
- AT THE PUSHBUTTON LOCATIONS, ADD R10-3e (9" x 15") SIGN AS PART OF THE PUSHBUTTON SETUP.
- PROPOSED CCTV CAMERA AND CABINET TO BE INSTALLED ON THE SIGNAL POLE AT STA 1030+52, 87' LT.
- THIS SIGNAL SHALL BE INSTALLED COMPLETE WITH A CDMA WIRELESS CONNECTION.
- REMOVAL OF JUNCTION WELLS AND CABINET FOUNDATION SHALL BE PAID UNDER #21000. REMOVAL OF POLE BASES SHALL BE INCIDENTAL TO ITEM #202000.

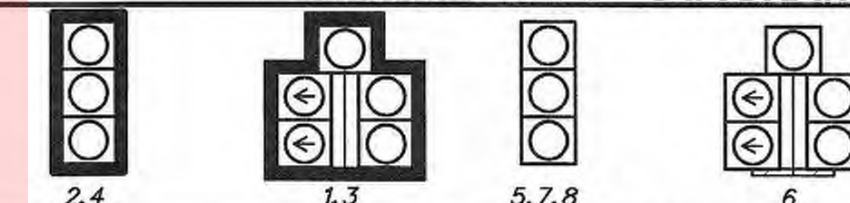


FINAL

SIGNAL PHASING



SIGNAL HEAD DIAGRAM



LEGEND

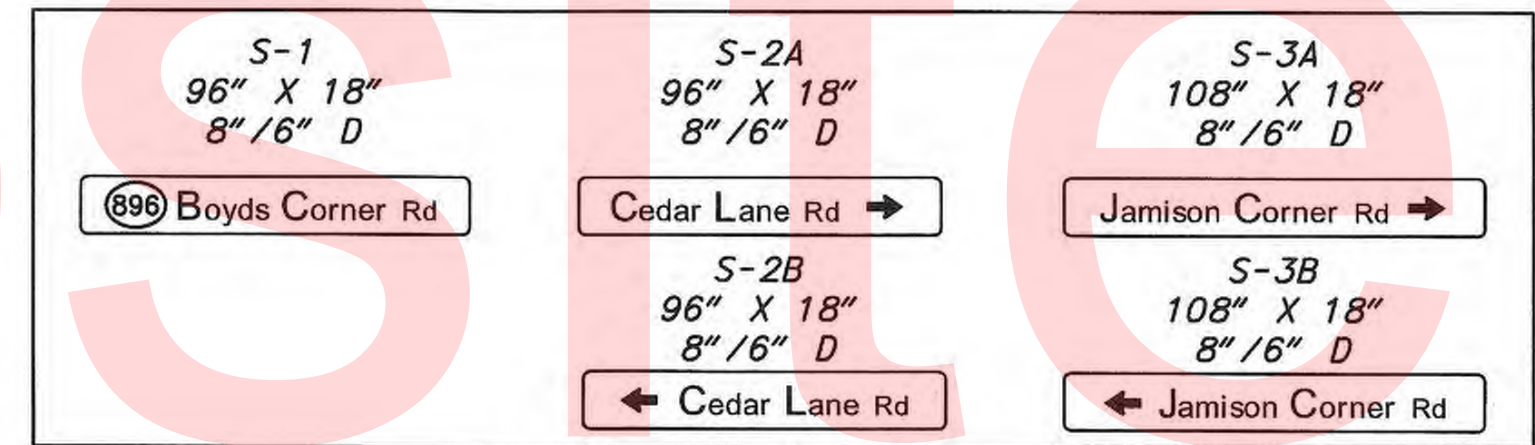
AB	ABANDON	OH	EXISTING OVERHEAD RUN IDENTIFIER (* OF OVERHEAD RUN)
CA	EXISTING CABINET IDENTIFIER (TYPE OF CABINET)	OH	PROPOSED OVERHEAD RUN IDENTIFIER (* OF OVERHEAD RUN)
CA	PROPOSED CABINET IDENTIFIER (TYPE OF CABINET)	PB	EXISTING POLE BASE IDENTIFIER (TYPE OF POLE BASE)
CO	EXISTING CONDUIT RUN IDENTIFIER (* OF CONDUIT RUN)	PB	PROPOSED POLE BASE IDENTIFIER (TYPE OF POLE BASE)
CO	PROPOSED CONDUIT RUN IDENTIFIER (* OF CONDUIT RUN)	PL	EXISTING POLE IDENTIFIER (* OF POLE)
JW	EXISTING JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)	PL	PROPOSED POLE IDENTIFIER (* OF POLE)
JW	PROPOSED JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)	RM	REMOVE BY CONTRACTOR
MA	EXISTING MAST ARM IDENTIFIER (LENGTH OF ARM)	RM	REMOVE BY OTHERS
MA	PROPOSED MAST ARM IDENTIFIER (LENGTH OF ARM)	RM	REMOVE BY TRAFFIC CONTRACTOR

	EXISTING SYMBOL	PROPOSED SYMBOL
JUNCTION WELL	J.W.	■
LOOP DETECTOR, TYPE 1	□	□
LOOP DETECTOR, TYPE 2	□	□
LUMINAIRE	→	→
MAST ARM	→	→
MICROWAVE DETECTION	→	→
OPTICOM RECEIVER	○	○
OVERHEAD SIGNING	→	→
PEDESTRIAN POLE/BASE	⊙	⊙
PEDESTRIAN PUSHBUTTON	→	→
PEDESTRIAN SIGNAL HEAD	→	→
RIGHT-OF-WAY	—	— R/W —
SERVICE PEDESTAL	□	□
SIGNAL CABINET	□	□
SIGNAL HEAD	→	→
SIGNAL POLE/BASE	⊙	⊙
SPAN INSULATOR	◇	◇
SPAN WIRE	— XX —	— XX —
UTILITY POLE	⊙	⊙
VIDEO DETECTION	→	→

GENERAL SIGNAL NOTES

- ALL SIGNAL POLES WILL BE 32 FEET, EXCEPT WHERE SHOWN.
- ALL SIGNAL EQUIPMENT REMOVED FROM A PROJECT IS TO BE RETURNED TO DELDOT TRAFFIC - DOVER, DELAWARE.
- POLE BASES, CABINET BASE AND CONDUIT JUNCTION WELLS TO BE REMOVED IN ACCORDANCE WITH SECTION 211 OF THE STANDARD SPECIFICATIONS OR AS DIRECTED BY ENGINEER. EXISTING CONDUIT IS TO BE ABANDONED.
- ALL GALVANIZED CONDUIT (GRC) SHALL BE REAMED AND THREADED. ALL GRC SHALL BE THREADED TOGETHER WITH APPROVED COUPLINGS. SET SCREW, BOLTED, AND COMPRESSION FITTING ARE NOT ACCEPTABLE.
- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY, AND/OR OF APPROPRIATE UTILITY PRIOR TO THE BEGINNING OF CONSTRUCTION FOR THE UTILITY MARKOUTS. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY DELDOT TRAFFIC IMMEDIATELY BEFORE CONSTRUCTION.
- BACK PLATES WILL BE INSTALLED FOR SIGNAL HEADS #1, #2, #3 AND #4. A TETHER WIRE WILL BE INSTALLED IN ADDITION TO THE SPAN WIRE. A 2" RETROREFLECTIVE YELLOW STRIPE SHALL BE INSTALLED ON THE BORDER OF THE BACKPLATES.

OVERHEAD SIGN DETAILS



SPAN WIRE SCHEDULE

SPAN	LENGTH	SPAN MOUNT HEIGHT	5% DROP	BULL RING HEIGHT	5% SAG	SPAN LOW POINT	BOTTOM OF LOWEST HEAD
NORTHEAST	41 FT	30.1 FT	2.1 FT	28.0 FT	-	-	-
SOUTHEAST	34 FT	29.8 FT	1.8 FT	28.0 FT	-	-	-
NORTHWEST	42 FT	30.1 FT	2.1 FT	28.0 FT	-	-	-
SOUTHWEST	41 FT	30.1 FT	2.1 FT	28.0 FT	-	-	-
NORTH	125 FT	-	-	28.0 FT	6.3 FT	21.7 FT	16.7 FT
SOUTH	125 FT	-	-	28.0 FT	6.3 FT	21.7 FT	16.7 FT
EAST	122 FT	-	-	28.0 FT	6.1 FT	21.9 FT	16.9 FT
WEST	122 FT	-	-	28.0 FT	6.1 FT	21.9 FT	16.9 FT

FIELD ADJUST SPAN MOUNT HEIGHT AS REQUIRED. DUE TO USING A SUSPENDED BOX SPAN, THE CALCULATED HEIGHTS ABOVE MAY BE LOWER THAN ANTICIPATED.

POLE SCHEDULE

NO.	TYPE	STATION	OFFSET
1	32' STRAIN POLE W/ TYPE 3B BASE	1030+52	87' LT
2	32' STRAIN POLE W/ TYPE 3B BASE	1030+53	93' RT
3	32' STRAIN POLE W/ TYPE 3B BASE	1032+31	89' RT
4	32' STRAIN POLE W/ TYPE 3B BASE	1032+32	91' LT
5	PEDESTAL POLE W/ TYPE 4 BASE	1032+13	50' RT
6	PEDESTAL POLE W/ TYPE 4 BASE	1032+13	56' LT

CONDUIT RUN SCHEDULE

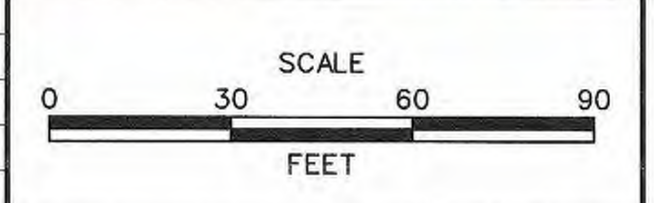
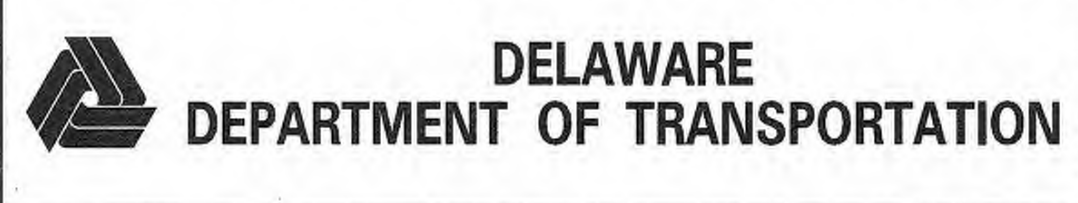
CR#	# OF CONDUITS	SIZE	LENGTH	AMOUNT AND TYPE OF CABLE / WIRE
1	1	2"	10'	NEW (1)2/#8 U. F. W/GROUND
2	1	2"	15'	NEW (1)2/#8 U. F. W/GROUND
3	3	4"	45'	NEW [(2)2/#14, (2)5/#14, (2)16/#14, (4)4/#18, (1)1/#6 GRD], FIBER
4	1	3"	35'	NEW [(2)16/#14, (4)4/#18, (1)1/#6 GRD]
5	1	4"	35'	NEW [(1)2/#14, (2)5/#14, (1)1/#6 GRD]
6	1	4"	155'	NEW [(3)2/#14, (1)5/#14, (1)1/#6 GRD]
7	1	2.5"	15'	NEW [(1)5/#14, (1)1/#6 GRD]
8	1	2.5"	150'	NEW [(1)2/#14, (1)1/#6 GRD]
9	1	2.5"	145'	NEW [(1)2/#14, (1)1/#6 GRD]
*10	1	2.5"	150'	NEW [(1)2/#14, (1)1/#6 GRD], REMOVE [(1)4/#18]
*11	1	2.5"	150'	NEW [(1)2/#14, (1)1/#6 GRD], REMOVE [(1)4/#18]
*12	1	2.5"	30'	NEW [(1)2/#14, (1)1/#6 GRD], REMOVE [(1)4/#18]
13	1	3"	30'	EMPTY
14	1	3"	70'	REMOVE [(1)1/#6 GRD, (3)4/#18, (2)16/#14]; ABANDON
*15	1	2.5"	105'	NEW [(2)2/#14, (1)5/#14], EXISTING [(1)1/#6 GRD], REMOVE [(1)4/#18]
16	1	2.5"	25'	NEW [(1)5/#14, (1)1/#6 GRD]
18	1	2.5"	20'	NEW [(1)2/#14, (1)1/#6 GRD]
19	1	2.5"	30'	NEW [(1)2/#14, (1)1/#6 GRD]
20	1	2.5"	75'	NEW [(1)2/#14, (1)1/#6 GRD]
21	1	4"	35'	NEW [(1)2/#14, (1)1/#6 GRD]
22	1	2.5"	60'	NEW [(1)2/#14, (1)1/#6 GRD]
23	1	4"	135'	NEW [(5)2/#14, (1)5/#14, (1)1/#6 GRD]
24	1	3"	50'	EMPTY

JUNCTION WELL AND CABINET SCHEDULE

NO.	STATION	OFFSET
J11	1028+03	40' RT
J11	1029+41	48' RT
J11	1030+79	53' RT
J14	1031+04	61' RT
J11	1031+96	61' RT
J14	1030+84	89' LT
J11	1030+84	60' LT
J11	1032+25	59' LT
J11	1033+61	45' LT
J11	1034+91	45' LT
J11	1030+22	34' LT
J11	1032+05	87' LT
J11	1035+04	31' LT
J11	1031+24	76' RT
J11	1032+47	48' RT
CA	1030+46	79' LT

PLOTTED BY: JDSMITH DATE: 2/14/2017
 FILE LOCATION: O:\NDS\060272_000DELDOT\TASK002_BOYDSCORNERROAD\CADD\CADD...CR\S601_FINAL.DGN [SHEET: S601_FINAL]

RECOMMENDED Mi Wahid DATE: 2/14/17 RECOMMENDED Scott Pickett DATE: 2/17/17 RECOMMENDED SAINTIL DATE: 02/22/17 APPROVED TRAFFIC ENGINEER [Signature] DATE: 02/23/17 APPROVED FOR INSTALLATION CHIEF TRAFFIC ENGINEER [Signature] DATE: 2/24/17



JAMISON CORNER ROAD, RELOCATED AT BOYDS CORNER ROAD

CONTRACT	T200912002
COUNTY	NEW CASTLE
PERMIT NO.	N673
DESIGNED BY:	JDS (JMT)
CHECKED BY:	MAW (JMT)

SHEET NO.	123
TOTAL SHTS.	123
SIGNAL PLAN	
SR 896 @ CEDAR LANE RD AND JAMISON CORNER RD	