

**MOT GENERAL NOTES**

1. SEE SHEET 8 FOR ATTSSA REQUIREMENTS FOR THIS PROJECT.
2. CONSTRUCTION SHALL OCCUR ONLY BETWEEN THE HOURS OF 8:30 AM AND 4:00 PM FOR DAYTIME CONSTRUCTION OPERATIONS AND BETWEEN 6:00 PM AND 6:00 AM FOR NIGHTTIME CONSTRUCTION OPERATIONS.
3. MAINTENANCE OF TRAFFIC FOR LANE CLOSURES AND SHOULDER CLOSURES ON EXISTING ROADWAYS SHALL CONFORM TO THE FOLLOWING APPLICATIONS BASED ON TYPE OF OPERATION:  
 PAVING OPERATIONS - TA-10  
 UTILITY TRENCH WORK - TA-10  
 PATCHING - TA-10  
 PERMANENT STRIPING - TA-17B  
 CONE RECOVERY - TA-17  
 SHOULDER WORK (NO LANE CLOSURE) - TA-3
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH OTHER CONTRACTORS IN THE AREA.
5. THE CONTRACTOR IS RESPONSIBLE FOR THE MAINTENANCE OF EXISTING PAVEMENT WITHIN THE PROJECT LIMITS FOR THE DURATION OF THE CONTRACT OR AS DIRECTED BY THE ENGINEER. THE COST OF ALL TEMPORARY ROADS, DETOURS AND PAVEMENT WIDENING SHALL BE PAID UNDER THE RESPECTIVE BID ITEMS AND NOT UNDER "HOT-MIX TRM" ITEM. THE USE OF ITEM 402000 SHALL BE USED ONLY AS DIRECTED BY THE ENGINEER OR AS INDICATED ON PLANS.
6. THE CONTRACTOR SHALL SUPPLY MESSAGE BOARDS UNDER ITEM 743004 - FURNISH AND MAINTAIN MESSAGE BOARD. MOVING THE MESSAGE BOARDS TO DIFFERENT LOCATIONS DURING CONSTRUCTION WILL BE INCIDENTAL TO ITEM 743004. AT A MINIMUM, MESSAGE BOARDS SHALL BE POSTED TWO WEEKS PRIOR TO THE START OF CONSTRUCTION AND CHANGES IN TRAFFIC PATTERNS. SIX PLASTIC DRUMS SHALL BE PLACED IN FRONT OF THE MESSAGE BOARD WITH ONE TYPE B WARNING LIGHT PLACED ON THE FIRST TWO DRUMS.
7. A TRUCK MOUNTED ATTENUATOR, TYPE II - ITEM 743010 SHALL ALSO BE REQUIRED WHEN TRAFFIC IS PRESENT DURING THE FOLLOWING OPERATIONS:  
 -TEMPORARY/PERMANENT PAVEMENT MARKING;  
 -PATCHING;  
 -MILLING OPERATION;  
 -PAVING;  
 -FOR OTHER OPERATIONS AS DIRECTED BY THE ENGINEER.
8. UNLESS OTHERWISE NOTED ON PLANS, THE COST OF ANY FLOODLIGHTING NECESSARY DUE TO WORK OCCURRING AFTER DARK WILL BE PAID FOR UNDER ITEM 743005- FURNISH AND MAINTAIN PORTABLE LIGHT ASSEMBLY.
9. ENTRANCE AND SIDE ROAD TIE-IN AREAS SHALL BE CONSTRUCTED ONLY TO THE EXTENT THAT CAN BE PAVED OR TEMPORARILY STABILIZED WITH GRADED AGGREGATE BASE AT THE END OF A WORK DAY.
10. GRADING AND MAINTENANCE BASE COURSE THAT IS BEING USED AS A TRAVELWAY, DRIVEWAY, ACCESS RAMP, ETC. SHALL BE INCIDENTAL TO ITEM 736500 - MAINTENANCE OF TRAFFIC. EXCESS BASE COURSE MATERIAL SHALL BE PUSHED AHEAD AND USED IN THE NEXT SEGMENT AND SHALL BE INCIDENTAL TO THE PARTICULAR BASE COURSE PAY ITEM. NO SEPARATE PAYMENT SHALL BE MADE FOR TEMPORARY ROADWAY MATERIAL (TRM) USED TO PROTECT THE EDGE DROP-OFFS, UNLESS THE MATERIAL IS EVENTUALLY UTILIZED AS PART OF A PERMANENT ROADWAY AT WHICH TIME THE MATERIAL WOULD BE PAID FOR UNDER THE RESPECTIVE CONTRACT MATERIAL ITEM. CONSTRUCTION OF A PLANNED RUNAROUND OR DETOUR WOULD BE ELIGIBLE FOR PAYMENT AS SPECIFIED IN THE CONTRACT.
11. 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.
12. AT THE END OF EACH DAY, THE CONTRACTOR SHALL CLEAN THE ROADWAY OF ANY MATERIAL TRACKED ONTO THE ROAD FROM HAULING OPERATIONS. THE METHOD OF CLEANING THE ROADWAY SHALL BE SUCH THAT AIRBORNE DUST IS MINIMIZED AND SHALL BE APPROVED BY THE ENGINEER.

PROPOSED ADVANCE NOTIFICATION REQUIREMENTS: AT LEAST TEN (10) CALENDAR DAYS BEFORE A ROAD CLOSURE OR MAJOR CHANGE IN THE ROADWAY CONFIGURATION OR TRAVEL PATTERN, THE CONTRACTOR SHALL USE AN ADVANCE WARNING SIGN OR PORTABLE CHANGEABLE MESSAGE SIGN TO WARN MOTORISTS OF THE PENDING CHANGES. THIS SIGN SHALL REMAIN IN PLACE AT LEAST TEN (10) BUT NO MORE THAN FOURTEEN (14) CALENDAR DAYS BEFORE A MAJOR CHANGE IN THE ROADWAY CONFIGURATION OR TRAVEL PATTERN.

THE CONTRACTOR IS REQUIRED TO SUBMIT REQUESTS FOR TRAFFIC RESTRICTIONS TO THE GEC AND DELDOT IN ACCORDANCE WITH THE TABLE BELOW:

ADVANCE NOTIFICATION		
TYPE OF RESTRICTION	MINIMUM ADVANCE NOTICE	MAXIMUM ADVANCE NOTICE
1	30 DAYS	45 DAYS
2, 3, 4	10 DAYS	14 DAYS

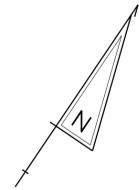
TYPE 1: PLANNED AND ACCEPTABLE CLOSURES OF AN ARTERIAL OR LOCAL STREET, TRAFFIC SWITCHES, NEW RAMP OPENINGS, OR CHANGED TRAFFIC PATTERNS.  
 TYPE 2: A LANE(S) CLOSURE THAT WOULD HAVE SIGNIFICANT IMPACT ON TRAFFIC, SUCH AS TEMPORARILY STOPPING TRAFFIC COMPLETELY (TRAFFIC DRAGS), CLOSING 2 OR MORE LANES, CLOSING AN EXIT OR ENTRANCE RAMP AT FREEWAY INTERCHANGES, OR FLAGGING OPERATIONS.  
 TYPE 3: A LANE CLOSURE THAT WOULD HAVE MINOR OR NO IMPACT ON THE FLOW OF TRAFFIC, SUCH AS CLOSING ONE LANE ON A THREE-LANE FREEWAY DURING OFF-PEAK HOURS.  
 TYPE 4: A LANE CLOSURE THAT WOULD CLOSE A SHOULDER (RIGHT OR LEFT)

FOR TYPE 1 CLOSURES, THE CONTRACTOR SHALL MAKE PROVISIONS IN THE TEMPORARY TRAFFIC CONTROL PLAN FOR LOCAL TRAFFIC TO ACCESS PROPERTIES AND BUSINESSES AT ALL TIMES ON THE CLOSED ARTERIAL OR LOCAL STREET.  
 TYPE 1 AND 2 CLOSURES WILL REQUIRE EXTENSIVE MEDIA AND STAKEHOLDER NOTIFICATION EFFORT AND COORDINATION AMONG VARIOUS LOCAL AND STATE AGENCIES.

DRAFT  
NOT FOR BIDDING  
AUGUST 2015

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<b>DELAWARE DEPARTMENT OF TRANSPORTATION</b>	ADDENDUMS / REVISIONS	NOT TO SCALE	<b>US 301 LEVELS ROAD TO SUMMIT BRIDGE ROAD</b>	CONTRACT	BRIDGE NO.	<b>CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN</b>	SHEET NO.	
				T20091303	DESIGNED BY:		JW	862
				COUNTY	CHECKED BY:		SF	TOTAL SHTS.
				NEW CASTLE				1256



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NOT FOR BIDDING  
AUGUST 2015

WARNING SIGN LEGEND					
R2-10 36" X 48"	W20-1 48" X 48"	W20-1 48" X 48"	W20-1 48" X 48"	G20-2A 48" X 24"	R2-11 36" X 48"
①	②	④	⑤	⑥	⑦

- NOTES:**
1. SEE INDIVIDUAL PHASING PLANS FOR PLACEMENT OF TEMPORARY WARNING SIGNS. FINAL LOCATION OF ALL PERMANENT WARNING SIGNS SHALL BE COORDINATED WITH THE ENGINEER.
  2. ALL WARNING SIGNS SHOWN ON THIS SHEET ARE TO BE DISPLAYED THROUGHOUT THE DURATION OF THE CONTRACT AND ARE TO BE PAID FOR UNDER ITEM 743504 - WARNING SIGNS.
  3. ANY EXISTING SIGNS THAT CONFLICT WITH CONSTRUCTION WARNING SIGNS SHALL BE COVERED AS NEEDED, AS DIRECTED BY THE ENGINEER.

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ADDENDUMS / REVISIONS

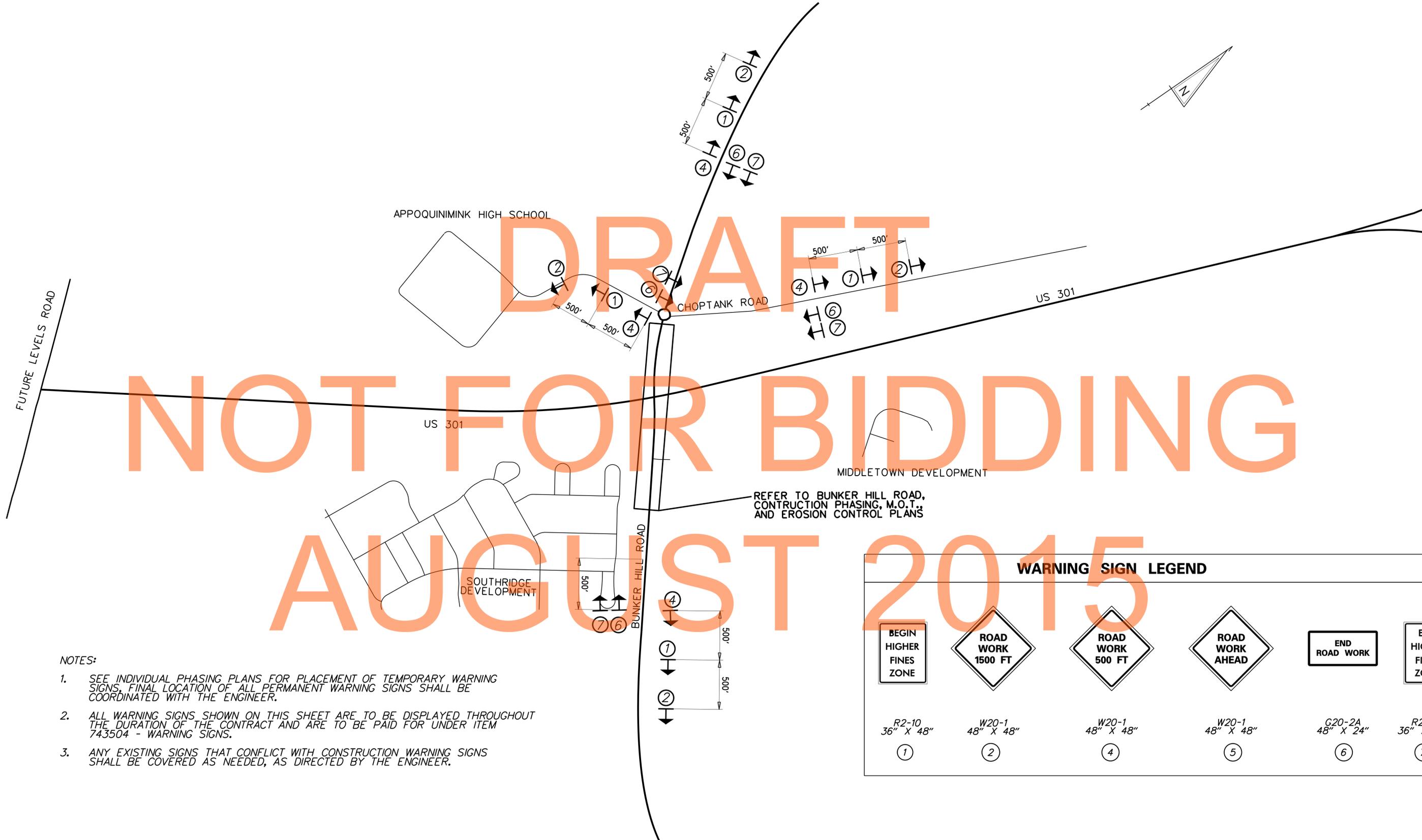
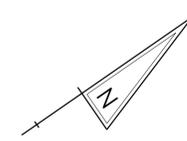
NOT TO SCALE

**US 301  
LEVELS ROAD  
TO SUMMIT BRIDGE ROAD**

CONTRACT T20091303	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: JW
	CHECKED BY: SF

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

CS-02
SHEET NO. 863
TOTAL SHTS. 1256



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AUGUST 2015

REFER TO BUNKER HILL ROAD,  
CONSTRUCTION PHASING, M.O.T.,  
AND EROSION CONTROL PLANS

WARNING SIGN LEGEND					
 R2-10 36" X 48" ①	 W20-1 48" X 48" ②	 W20-1 48" X 48" ④	 W20-1 48" X 48" ⑤	 G20-2A 48" X 24" ⑥	 R2-11 36" X 48" ⑦

**NOTES:**

1. SEE INDIVIDUAL PHASING PLANS FOR PLACEMENT OF TEMPORARY WARNING SIGNS. FINAL LOCATION OF ALL PERMANENT WARNING SIGNS SHALL BE COORDINATED WITH THE ENGINEER.
2. ALL WARNING SIGNS SHOWN ON THIS SHEET ARE TO BE DISPLAYED THROUGHOUT THE DURATION OF THE CONTRACT AND ARE TO BE PAID FOR UNDER ITEM 743504 - WARNING SIGNS.
3. ANY EXISTING SIGNS THAT CONFLICT WITH CONSTRUCTION WARNING SIGNS SHALL BE COVERED AS NEEDED, AS DIRECTED BY THE ENGINEER.

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ADDENDUMS / REVISIONS

NOT TO SCALE

**US 301  
LEVELS ROAD  
TO SUMMIT BRIDGE ROAD**

CONTRACT T20091303	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: JW
	CHECKED BY: SF

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

CS-03
SHEET NO. 864
TOTAL SHTS. 1256

## EROSION AND SEDIMENT CONTROL GENERAL NOTES (ALL PHASES)

REVIEW AND OR APPROVAL OF THE SEDIMENT AND STORMWATER MANAGEMENT PLAN SHALL NOT RELIEVE THE CONTRACTOR FROM HIS OR HER RESPONSIBILITIES FOR COMPLIANCE WITH THE REQUIREMENTS OF THE SEDIMENT AND STORMWATER REGULATIONS, NOR SHALL IT RELIEVE THE CONTRACTOR FROM ERRORS OR OMISSIONS IN THE APPROVED PLAN.

NO DISTURBED AREA SHALL BE UNSTABILIZED OVERNIGHT UNLESS THE RUNOFF IS DIRECTED TO AN APPROVED SEDIMENT CONTROL DEVICE. AREAS PAVED SHOULD BE STABILIZED WITH STONE. PVIOUS AREAS SHOULD BE STABILIZED WITH SOIL STABILIZATION MATTING.

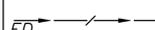
INSTALL ALL RESOURCE PROTECTION FENCING AS SHOWN ON ENVIRONMENTAL COMPLIANCE AND CONSTRUCTION PHASING, M.O.T., AND EROSION AND SEDIMENT CONTROL PLANS PRIOR TO EARTH DISTURBANCE ACTIVITIES.

INSTALL ALL REINFORCED SILT FENCE AS SHOWN ON THE CONSTRUCTION PHASING, M.O.T., AND EROSION AND SEDIMENT CONTROL PLANS, UPSLOPE OF EXISTING WETLAND AREAS BEFORE MAJOR EARTH MOVING ACTIVITIES.

ROADWAY AND SHOULDER WORK SHALL BE PERFORMED IN SUCH A MANNER SUCH THAT POSITIVE DRAINAGE OF THE ROADWAY SURFACE IS MAINTAINED THROUGHOUT CONSTRUCTION. ALL WORK AND MATERIALS TO PROVIDE AND MAINTAIN THIS DRAINAGE SHALL BE INCIDENTAL TO ITEM 763500 - MAINTENANCE OF TRAFFIC.

TEMPORARY RIPRAP INSTALLATION WILL BE PAID UNDER ITEM 712005 - RIPRAP, R-4. REMOVAL OF TEMPORARY RIPRAP WILL BE PAID UNDER ITEM 202000 - EXCAVATION AND EMBANKMENT.

# DRAFT

LEGEND	
	STANDARD SILT FENCE
	RIPRAP OUTLET PROTECTION
	DRAINAGE AREA
	STORM DRAIN PIPE
	EROSION CONTROL BLANKET
	INLET PROTECTION
	STABILIZED CONSTRUCTION ENTRANCE
	STONE CHECK DAM
	STONE CHECK DAM FOR CULVERT INFLOW PROTECTION
	TEMP. DITCH
	EARTH DIKE
	REINFORCED SILT FENCE
	RESOURCE PROTECTION FENCE
	CONSTRUCTION FENCE
	TEMPORARY SLOPE DRAIN

### SEQUENCE OF CONSTRUCTION

STAGE 1 - INSTALLATION OF PERIMETER CONTROLS, BUNKER HILL ROAD CONSTRUCTION AND SUMMIT BRIDGE ROAD CULVERT INSTALLATION

- 1 PLACE ALL PERTINENT TEMPORARY TRAFFIC CONTROL DEVICES AND PERMANENT WARNING SIGNS AS PER THE PERMANENT WARNING SIGN LOCATION PLAN.
- 2 CLEAN WATER DRAINAGE FROM SECTION 3 CONSTRUCTION SOUTH OF LEVELS ROAD SHALL BE MAINTAINED THROUGH SECTION 2 CONSTRUCTION WITHOUT SEDIMENT CONTAMINATION.
- 3 BEFORE CLEARING AND GRUBBING FOR PERIMETER EROSION AND SEDIMENT CONTROLS, RESOURCE PROTECTION FENCE WILL BE INSTALLED PER PLANS TO PROTECT ENVIRONMENTAL RESOURCES.
- 4 CLEAR AND GRUB ONLY AS NECESSARY FOR INSTALLATION OF PERIMETER E&S FEATURES. NO GRUBBING UNDER AND BETWEEN BRIDGES 1-480 OR UNDER AND ADJACENT TO BRIDGE 1-479.
- 5 INSTALL ALL STAGE 1 PERIMETER E&S CONTROLS AS SHOWN ON THE PLANS INCLUDING SEDIMENT TRAPS AND BASINS, AND IDENTIFIED DIVERSION DITCHES AND CROSS CULVERTS.
- 6 SEDIMENT TRAPS AND BASIN SHALL BE FULLY CONSTRUCTED INCLUDING OUTFALLS AND STABILIZED PRIOR TO CONSTRUCTION ACTIVITIES WITHIN CONTRIBUTING DRAINAGE AREAS.
- 7 DIVERSION DITCHES, CULVERTS AND ROCK OUTLET PROTECTION SHALL BE CONSTRUCTED DOWNSTREAM TO UPSTREAM TO MAINTAIN DRAINAGE. ONLY CONSTRUCT IN SECTIONS THAT CAN BE FINISHED AND STABILIZED BY THE END OF THE WORK DAY. DIRECT CLEAN WATER THROUGH CULVERTS AS SHOWN ON PLANS WITH DIVERSION DITCHES OR EROSION CONTROL DEVICES. CULVERTS SHALL BE COVERED WITH AT LEAST 2' OF FILL AT LOCATIONS WHERE HEAVY EQUIPMENT WILL TRAVERSE THE CULVERT. 1' OF FILL WILL BE MAINTAINED AT ALL OTHER LOCATIONS ALONG THE CULVERTS. DIVERSION DITCHES SHALL BE STABILIZED PER DELDOT TEMPORARY STABILIZATION DETAILS PROVIDED. CULVERTS P-815, P-816, P-817, P-819, P-820 AND P-821 FROM STA. 432+00 TO STA. 438+00 WILL NOT BE CONSTRUCTED IN STAGE 1 TO ALLOW FOR DRAINAGE TO SEDIMENT TRAPS IN THE AREA. CONSTRUCTION OF THESE CULVERTS WILL BE INSTALLED IN STAGE 2 DURING MAJOR EARTH MOVING OPERATIONS.
- 8 ONCE PERIMETER CONTROLS ARE INSTALLED, BEGIN REMAINING CLEARING AND GRUBBING ACTIVITIES.
- 9 INSTALL REMAINING EROSION AND SEDIMENT CONTROLS AS SHOWN AND AS OUTLINED IN THE EROSION AND SEDIMENT CONTROL PLANS. FUTURE INFILTRATION AREAS THAT ARE SECTIONED OFF BY CONSTRUCTION FENCE SHALL NOT BE USED FOR SEDIMENT CONTROL OR STOCKPILING AND USE OF HEAVY EQUIPMENT SHALL BE AVOIDED WITHIN THE AREAS.
- 10 BEGIN CONSTRUCTION OF PHASE 1 OF BUNKER HILL ROAD. REFER TO BUNKER HILL ROAD CONSTRUCTION PHASING, MOT AND ECP.
- 11 BEGIN CONSTRUCTION OF PHASE 1 OF SUMMIT BRIDGE ROAD. REFER TO SUMMIT BRIDGE ROAD CONSTRUCTION PHASING, MOT AND ECP INCLUDING CONSTRUCTION OF ALL CULVERTS UNDER SUMMIT BRIDGE ROAD.
- 12 MAINTAIN SEDIMENT AND EROSION CONTROL STRUCTURES THROUGH STAGE 2 UNLESS OTHERWISE SHOWN AS REVISED PER PHASE 2 EROSION AND SEDIMENT CONTROL PLANS.

# NOT FOR BIDDING

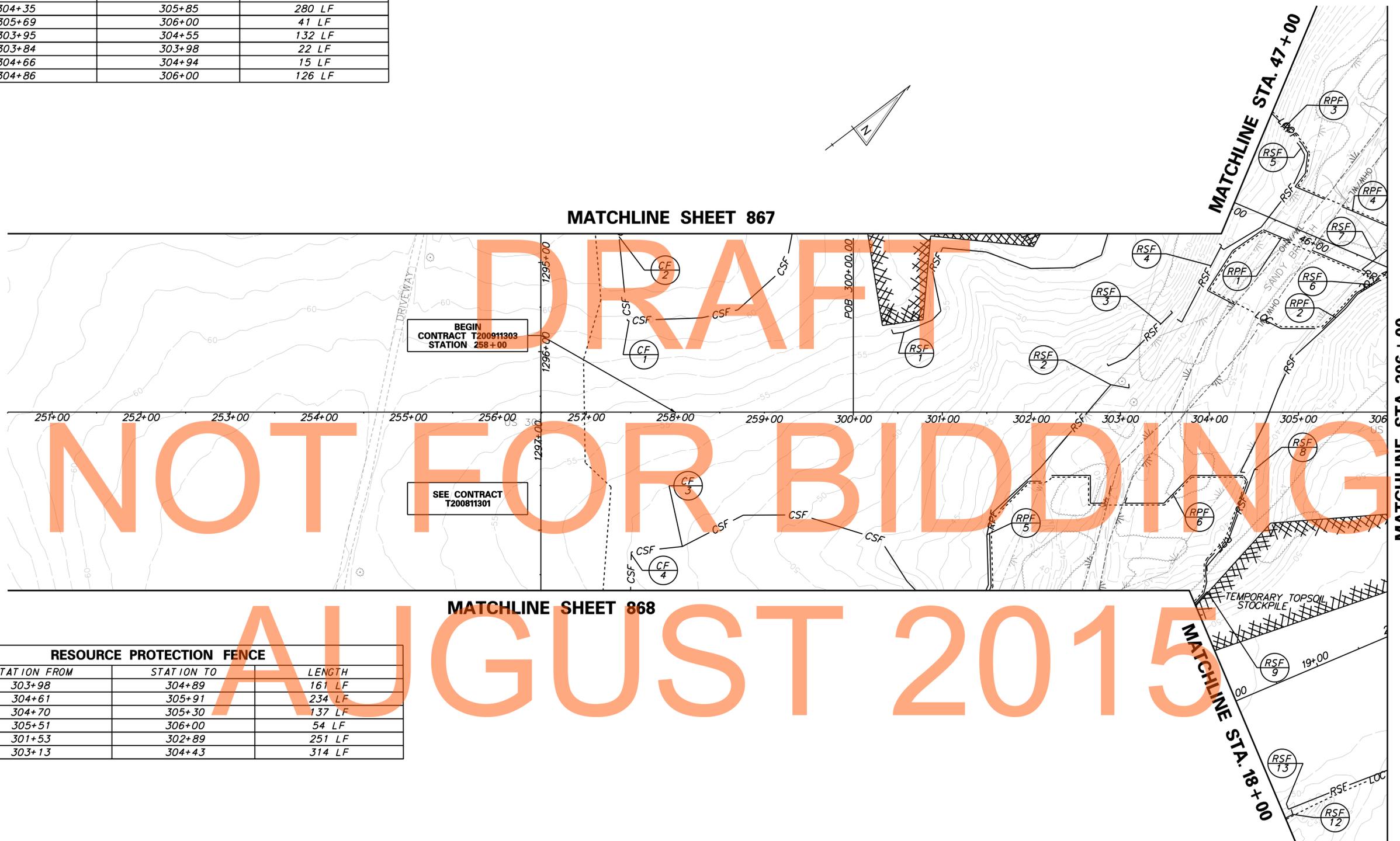
# AUGUST 2015

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 <b>DELAWARE DEPARTMENT OF TRANSPORTATION</b>	ADDENDUMS / REVISIONS	NOT TO SCALE	<b>US 301 LEVELS ROAD TO SUMMIT BRIDGE ROAD</b>	CONTRACT	BRIDGE NO.	<b>CONSTRUCTION PHASING M.O.T. AND EROSION CONTROL NOTES - STAGE 1</b>	CS-04
				T20091303			DESIGNED BY: JW
				COUNTY	CHECKED BY: SF	TOTAL SHTS. 1256	
				NEW CASTLE			

REINFORCED SILT FENCE			
NO.	STATION FROM	STATION TO	LENGTH
1	300+43	302+86	351 LF
2	301+49	303+10	310 LF
3	302+85	303+57	100 LF
4	303+63	304+14	107 LF
5	304+13	305+09	165 LF
6	304+35	305+85	280 LF
7	305+69	306+00	41 LF
8	303+95	304+55	132 LF
9	303+84	303+98	22 LF
12	304+66	304+94	15 LF
13	304+86	306+00	126 LF

CONSTRUCTION FENCE			
NO.	STATION FROM	STATION TO	LENGTH
1	257+48	259+31	234 LF
2	257+37	259+31	98 LF
3	257+51	300+90	363 LF
4	257+50	257+51	43 LF



MATCHLINE SHEET 867

MATCHLINE SHEET 868

RESOURCE PROTECTION FENCE			
NO.	STATION FROM	STATION TO	LENGTH
1	303+98	304+89	161 LF
2	304+61	305+91	234 LF
3	304+70	305+30	137 LF
4	305+51	306+00	54 LF
5	301+53	302+89	251 LF
6	303+13	304+43	314 LF

- NOTES:
- 1) FOLLOWING SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN 14 CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER SEDIMENT CONTROLS, SOIL STOCKPILES, AND ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
  - 2) IF CONSTRUCTION OF DRAINAGE FROM US 301 SECTION 3 THROUGH SECTION 2 TO SANDY BRANCH IS COMPLETED BETWEEN STAGES 1 AND 2, REFER TO STAGE 2 OF THE CONSTRUCTION PHASING PLANS FOR EROSION AND SEDIMENT CONTROL FEATURES BASED ON NEW DRAINAGE PATTERNS.

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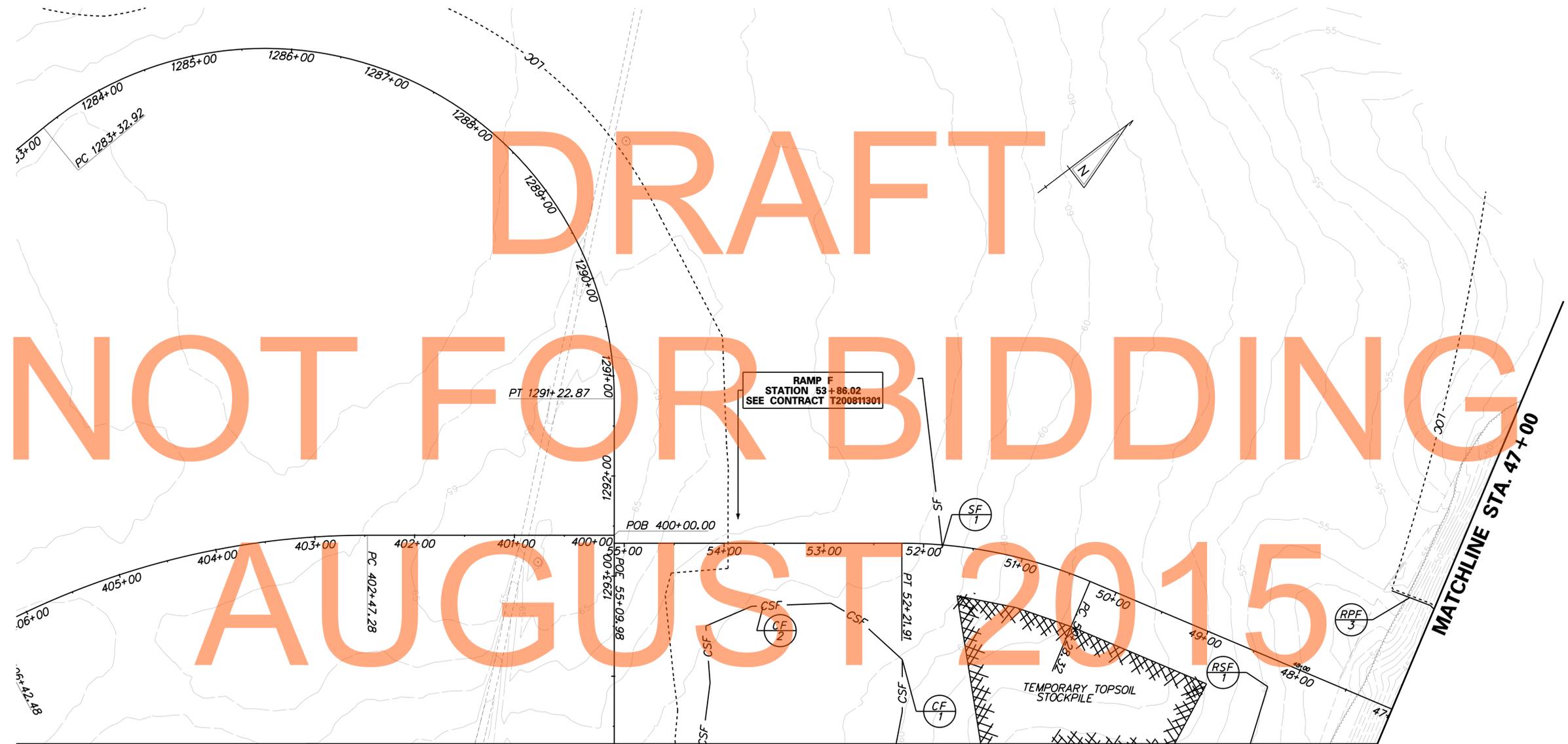
	DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS		<b>US 301 LEVELS ROAD TO SUMMIT BRIDGE ROAD</b>	CONTRACT T200911303	BRIDGE NO.	<b>CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - STAGE 1</b>	SHEET NO. 866
					COUNTY NEW CASTLE	DESIGNED BY: JW		CHECKED BY: SF

SILT FENCE			
NO.	STATION FROM	STATION TO	LENGTH
1	51+82	52+11	179 LF

REINFORCED SILT FENCE			
NO.	STATION FROM	STATION TO	LENGTH
1	48+17	48+33	60 LF

CONSTRUCTION FENCE			
NO.	STATION FROM	STATION TO	LENGTH
1	52+21	52+28	85 LF
2	54+21	54+22	340 LF

RESOURCE PROTECTION FENCE			
NO.	STATION FROM	STATION TO	LENGTH
3	47+00	47+46	46 LF



MATCHLINE SHEET 866

NOTES:

- 1) FOLLOWING SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN 14 CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER SEDIMENT CONTROLS, SOIL STOCKPILES, AND ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- 2) IF CONSTRUCTION OF DRAINAGE FROM US 301 SECTION 3 THROUGH SECTION 2 TO SANDY BRANCH IS COMPLETED BETWEEN STAGES 1 AND 2, REFER TO STAGE 2 OF THE CONSTRUCTION PHASING PLANS FOR EROSION AND SEDIMENT CONTROL FEATURES BASED ON NEW DRAINAGE PATTERNS.

ADDENDUMS / REVISIONS

NO.	DATE	DESCRIPTION



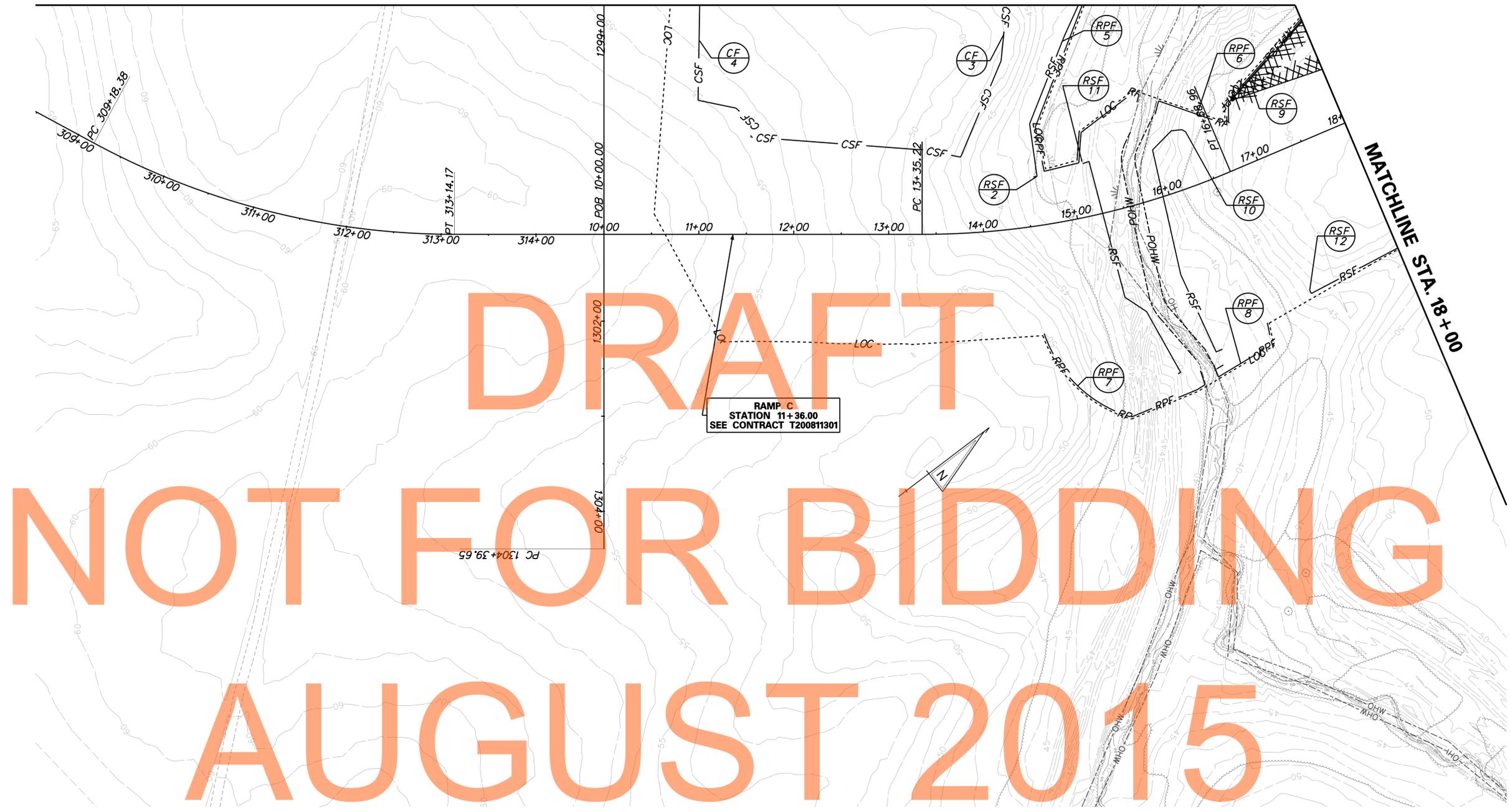
US 301  
LEVELS ROAD  
TO SUMMIT BRIDGE ROAD

CONTRACT	BRIDGE NO.	
T20091303	DESIGNED BY:	JW
COUNTY	CHECKED BY:	SF
NEW CASTLE		

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

CS-06
SHEET NO.
867
TOTAL SHTS.
1256

MATCHLINE SHEET 866



DRAFT  
NOT FOR BIDDING  
AUGUST 2015

**RAMP C**  
STATION 11+36.00  
SEE CONTRACT T200811301

RESOURCE PROTECTION FENCE			
NO.	STATION FROM	STATION TO	LENGTH
5	14+72	16+03	353 LF
6	16+14	18+00	231 LF
7	14+50	15+90	230 LF
8	15+92	16+48	100 LF

REINFORCED SILT FENCE			
NO.	STATION FROM	STATION TO	LENGTH
2	14+61	14+59	194 LF
9	16+86	18+00	138 LF
10	15+87	16+40	275 LF
11	15+18	15+61	260 LF
12	16+97	18+00	107 LF

CONSTRUCTION FENCE			
NO.	STATION FROM	STATION TO	LENGTH
3	13+89	14+70	169 LF
4	10+99	13+89	401 LF

- NOTES:**
- 1) FOLLOWING SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN 14 CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER SEDIMENT CONTROLS, SOIL STOCKPILES, AND ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
  - 2) IF CONSTRUCTION OF DRAINAGE FROM US 301 SECTION 3 THROUGH SECTION 2 TO SANDY BRANCH IS COMPLETED BETWEEN STAGES 1 AND 2, REFER TO STAGE 2 OF THE CONSTRUCTION PHASING PLANS FOR EROSION AND SEDIMENT CONTROL FEATURES BASED ON NEW DRAINAGE PATTERNS.

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<p><b>DELAWARE DEPARTMENT OF TRANSPORTATION</b></p>	ADDENDUMS / REVISIONS	<p>SCALE</p>	<p><b>US 301 LEVELS ROAD TO SUMMIT BRIDGE ROAD</b></p>	CONTRACT T200911303	BRIDGE NO.	<p><b>CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - STAGE 1</b></p>	CS-07
					COUNTY NEW CASTLE		DESIGNED BY: JW
				CHECKED BY: SF			

REINFORCED SILT FENCE			
NO.	STATION FROM	STATION TO	LENGTH
7	44+88	45+13	76 LF
12	41+51	44+44	351 LF
13	20+15	22+96	370 LF
14	40+87	41+40	99 LF
15	40+86	41+46	84 LF
16	310+86	311+64	88 LF
17	311+63	312+53	152 LF
18	312+53	313+24	125 LF

REINFORCED SILT FENCE			
NO.	STATION FROM	STATION TO	LENGTH
19	313+11	313+99	125 LF
20	315+07	315+19	53 LF
21	313+31	315+20	276 LF
22	315+35	316+09	150 LF
23	316+71	319+04	268 LF
24	313+65	314+04	145 LF
25	315+78	318+85	348 LF

CONSTRUCTION FENCE			
NO.	STATION FROM	STATION TO	LENGTH
5	41+11	44+29	339 LF
6	41+11	44+29	415 LF
7	313+72	321+50	782 LF
8	313+72	321+50	807 LF



MATCHLINE STA. 306+00

MATCHLINE STA. 321+50

NOT FOR BIDDING  
AUGUST 2015

SILT FENCE			
NO.	STATION FROM	STATION TO	LENGTH
2	320+31	321+50	131 LF

EARTH DIKE			
NO.	STATION FROM	STATION TO	LENGTH
1	317+91	320+83	318 LF
2	318+93	321+50	256 LF

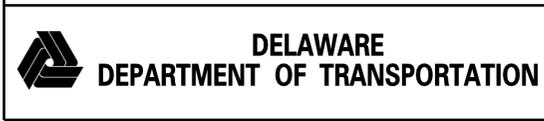
RESOURCE PROTECTION FENCE			
NO.	STATION FROM	STATION TO	LENGTH
4	306+00	312+66	980 LF
9	312+71	321+50	1032 LF
10	313+52	315+00	190 LF
11	315+15	319+09	425 LF

TEMPORARY SLOPE DRAIN			
NO.	PIPE SIZE	LENGTH	DA
1	18"	30 LF	1.16
2	2-30"	50 LF	11.5

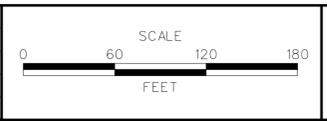
NOTE:  
FOLLOWING SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN 14 CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER SEDIMENT CONTROLS, SOIL STOCKPILES, AND ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

SEDIMENT TRAP OUTFALL QUANTITIES			
ITEM NO.	ITEM	QTY.	UNITS
712005	RIP RAP, R-4	81	SY

TEMPORARY SEDIMENT TRAP							
NO.	D. AREA	LENGTH	WIDTH	DEPTH	OUT. TYPE	OUT. EL.	CLEAN EL.
1	12.66	190	150	6	RST	50.2	48.8
							53.0
							14



ADDENDUMS / REVISIONS



**US 301  
LEVELS ROAD  
TO SUMMIT BRIDGE ROAD**

CONTRACT T20091303	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: JW
	CHECKED BY: SF

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

CS-08
SHEET NO. 869
TOTAL SHTS. 1256

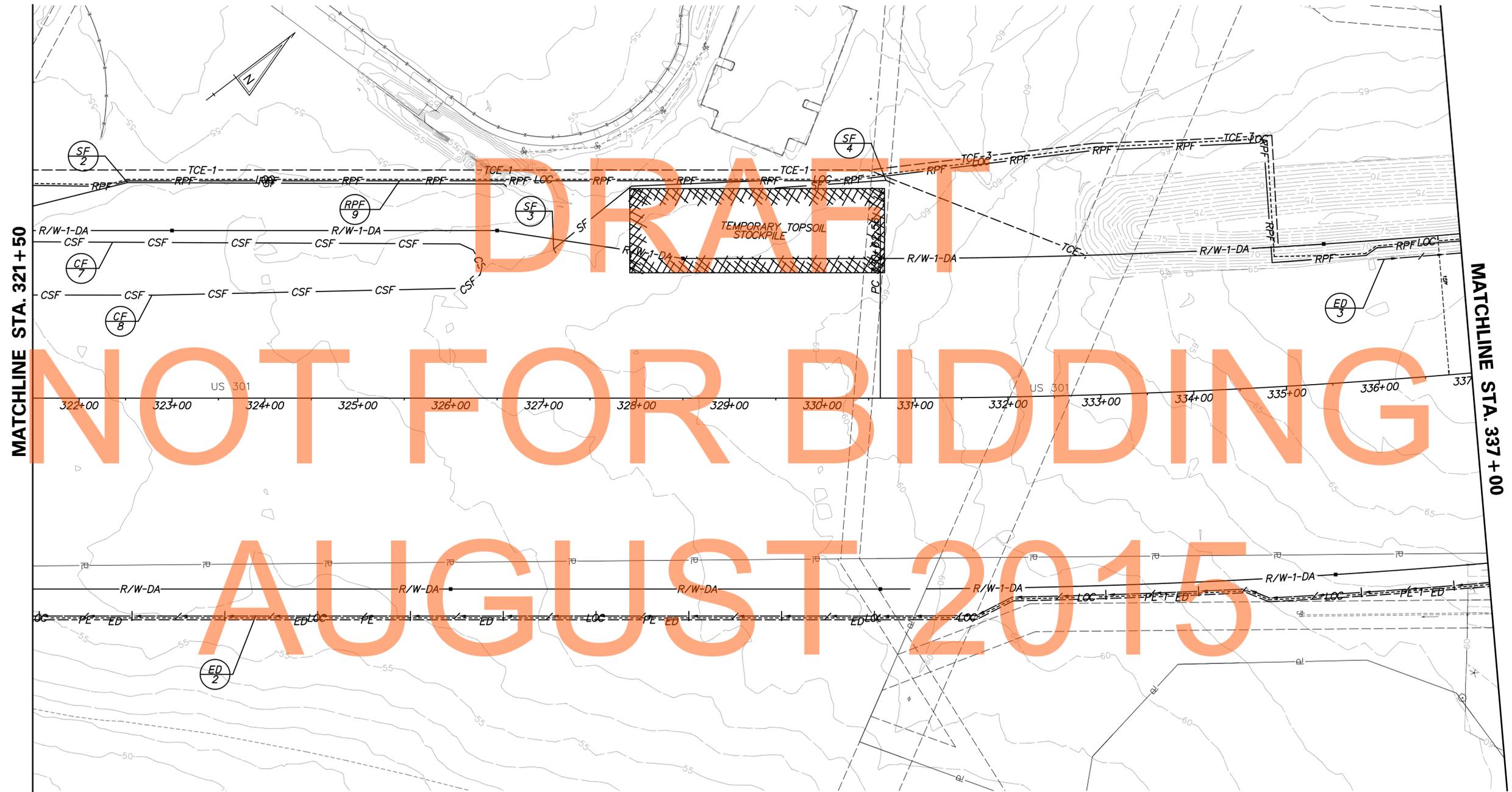
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EARTH DIKE			
NO.	STATION FROM	STATION TO	LENGTH
2	321+50	337+00	1575 LF
3	336+07	337+00	91 LF

SILT FENCE			
NO.	STATION FROM	STATION TO	LENGTH
2	321+50	326+60	514 LF
3	327+10	329+45	265 LF
4	329+49	330+77	129 LF

CONSTRUCTION FENCE			
NO.	STATION FROM	STATION TO	LENGTH
7	321+50	326+33	496 LF
8	321+50	326+33	495 LF

RESOURCE PROTECTION FENCE			
NO.	STATION FROM	STATION TO	LENGTH
9	321+50	337+00	1665 LF

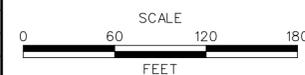


MATCHLINE STA. 321+50

MATCHLINE STA. 337+00

NOTE:  
 FOLLOWING SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN 14 CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER SEDIMENT CONTROLS, SOIL STOCKPILES, AND ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

ADDENDUMS / REVISIONS



**US 301  
 LEVELS ROAD  
 TO SUMMIT BRIDGE ROAD**

CONTRACT	BRIDGE NO.	
T20091303	DESIGNED BY:	JW
COUNTY	CHECKED BY:	SF
NEW CASTLE		

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

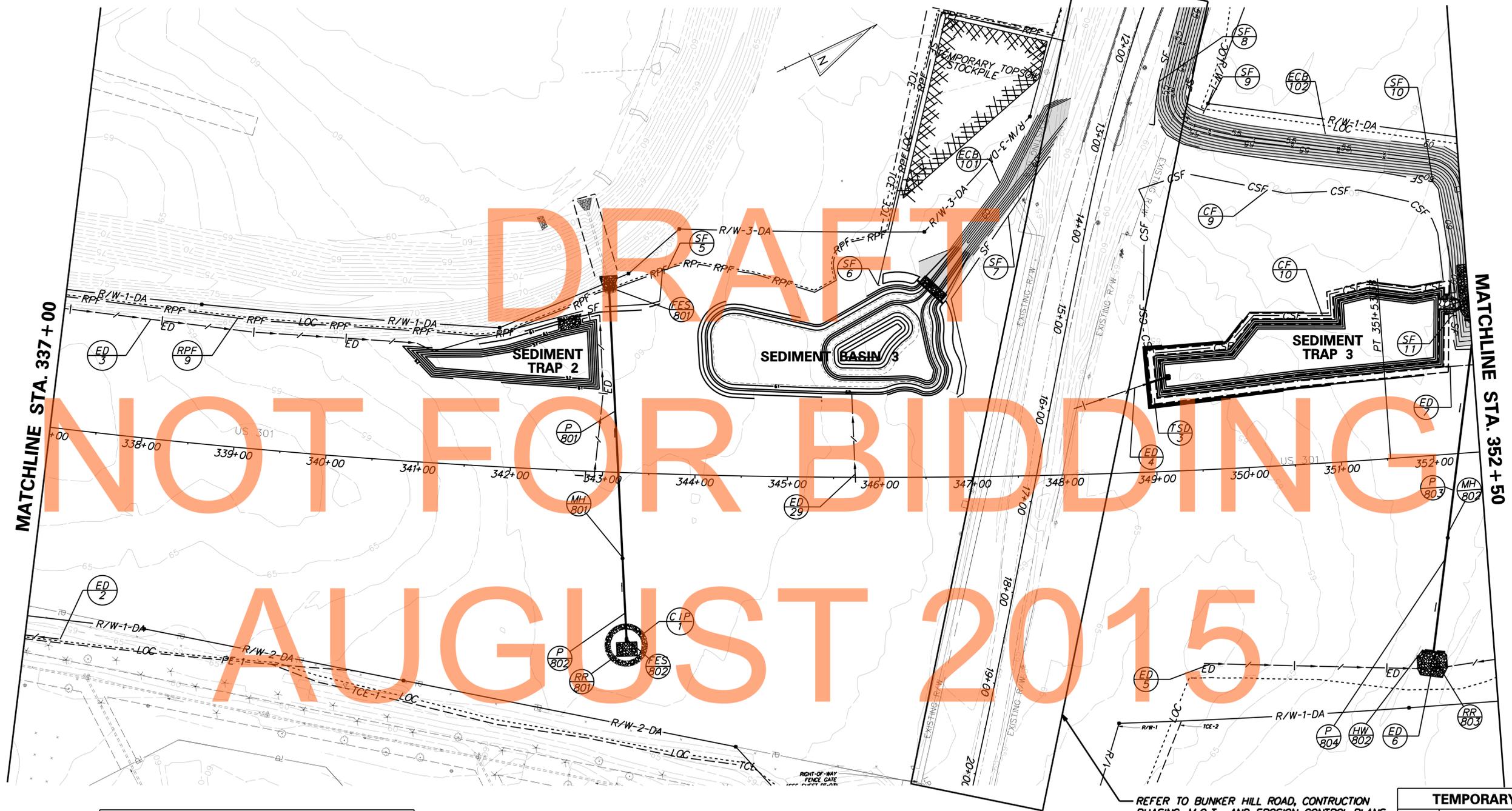
CS-09
SHEET NO.
870
TOTAL SHTS.
1256

EARTH DIKE			
NO.	STATION FROM	STATION TO	LENGTH
2	337+00	337+38	39 LF
3	337+00	341+09	404 LF
4	348+12	349+91	82 LF
5	349+40	351+81	249 LF
6	351+81	352+50	69 LF
7	352+17	352+50	33 LF
29	345+68	345+74	98 LF

SILT FENCE			
NO.	STATION FROM	STATION TO	LENGTH
5	341+09	343+63	291 LF
6	345+98	348+14	443 LF
7	346+79	347+94	300 LF
8	349+07	349+47	137 LF
9	349+51	349+82	130 LF
10	349+20	352+36	440 LF
11	352+30	352+50	61 LF

EROSION CONTROL BLANKET				
NO.	SY	LENGTH	WIDTH	TYPE
101	796	257 LF	47 LF	3
102	6212	121 LF	32 LF	3

CONSTRUCTION FENCE			
NO.	STATION FROM	STATION TO	LENGTH
9	348+91	352+22	500 LF
10	348+91	352+24	440 LF



MATCHLINE STA. 337 + 00

MATCHLINE STA. 352 + 50

SEDIMENT TRAP OUTFALL QUANTITIES			
ITEM NO.	ITEM	QTY.	UNITS
302500	DELAWARE NO. 3 STONE	18	TON
712005	RIP RAP, R-4	41	SY

TEMPORARY SEDIMENT BASIN								
NO.	D. AREA	LENGTH	WIDTH	DEPTH	OUT. TYPE	OUT. EL.	CLEAN EL.	
3	3.9	160	130	6.5	TSB	60.9	60.3	

TEMPORARY SEDIMENT TRAP									
NO.	D. AREA	LENGTH	WIDTH	DEPTH	OUT. TYPE	OUT. EL.	CLEAN EL.	TOP EL.	WEIR WIDTH
2	4.3	72	200	4	SST	60.0	58.5	61.0	20
3	9.3	320	100	5.5	RST	59.5	58.3	62.5	10

RESOURCE PROTECTION FENCE			
NO.	STATION FROM	STATION TO	LENGTH
9	337+00	348+00	1321 LF

NOTE:  
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STONE CHECK DAM FOR CULVERT INFLOW PROTECTION				
NO.	D. AREA	STATION	QTY.	UNITS
1	4.5 AC	343+35, RT	23	TON

TEMPORARY SLOPE DRAIN			
NO.	PIPE SIZE	LENGTH	DA
3	12"	22	0.5

REFER TO BUNKER HILL ROAD, CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLANS

ADDENDUMS / REVISIONS



**US 301  
LEVELS ROAD  
TO SUMMIT BRIDGE ROAD**

CONTRACT T20091303	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: JW
	CHECKED BY: SF

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

CS-10
SHEET NO. 871
TOTAL SHTS. 1256

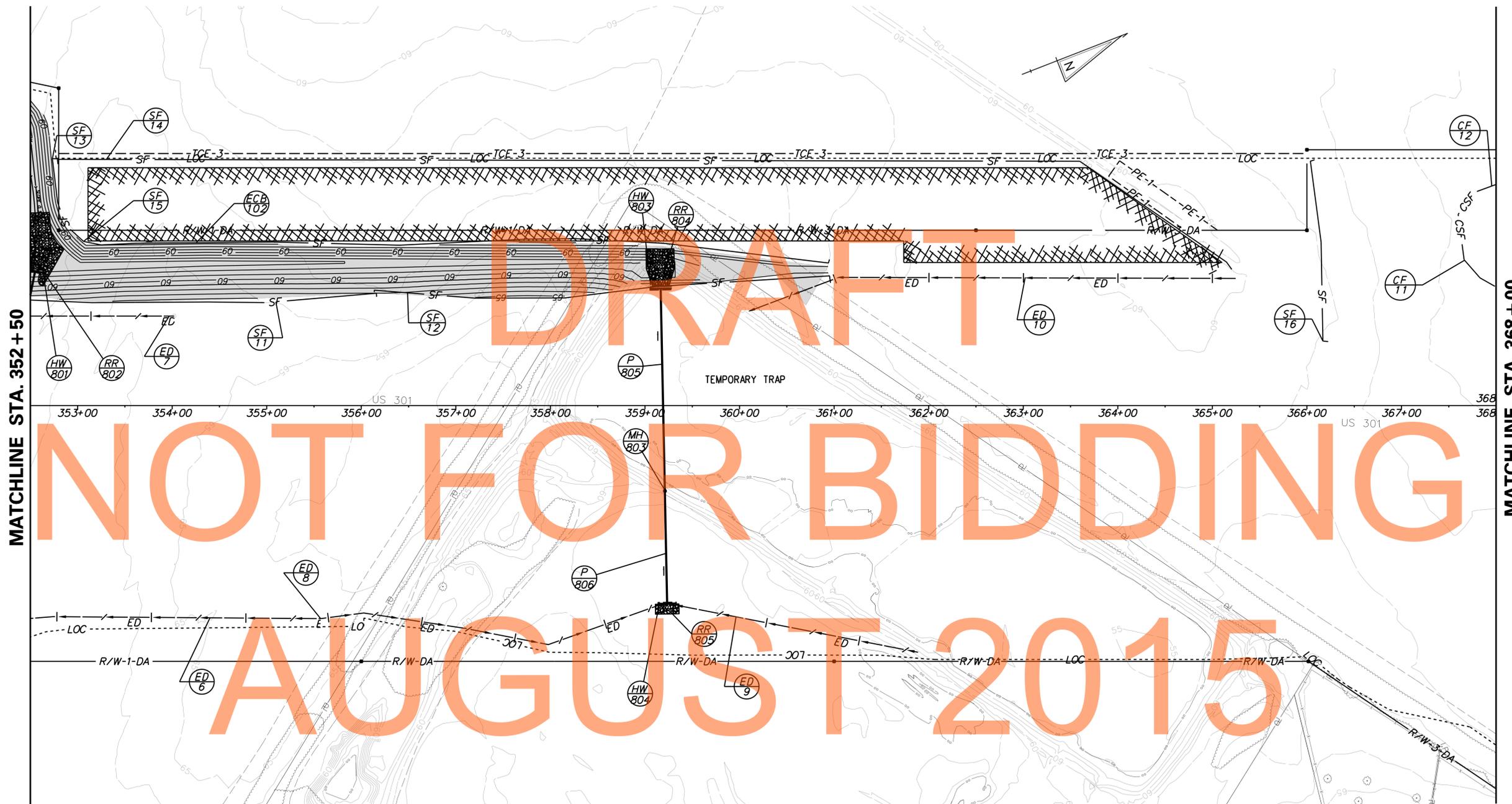


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CONSTRUCTION FENCE			
NO.	STATION FROM	STATION TO	LENGTH
11	367+60	368+00	94 LF
12	367+60	368+00	53 LF

EARTH DIKE			
NO.	STATION FROM	STATION TO	LENGTH
6	352+50	355+58	308 LF
7	352+50	354+03	152 LF
8	355+58	359+27	369 LF
9	359+27	361+90	261 LF
10	360+00	365+25	520 LF

EROSION CONTROL BLANKET				
NO.	SY	LENGTH	WIDTH	TYPE
102	6212	715 LF	40 LF	3



DRAFT

NOT FOR BIDDING

AUGUST 2015

SILT FENCE			
NO.	STATION FROM	STATION TO	LENGTH
11	352+50	356+17	370 LF
12	356+15	360+97	492 LF
13	352+74	353+07	103 LF
14	352+79	365+20	1282 LF
15	353+07	360+96	794 LF
16	366+04	366+23	201 LF

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 <b>DELAWARE</b> DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0      60      120      180 FEET	<b>US 301</b> <b>LEVELS ROAD</b> <b>TO SUMMIT BRIDGE ROAD</b>	CONTRACT T200911303 COUNTY NEW CASTLE	BRIDGE NO. DESIGNED BY: JW CHECKED BY: SF	<b>CONSTRUCTION PHASING,</b> <b>M.O.T., AND EROSION</b> <b>CONTROL PLAN - STAGE 1</b>	CS-11 SHEET NO. 872 TOTAL SHTS. 1256

CONSTRUCTION FENCE			
NO.	STATION FROM	STATION TO	LENGTH
11	368+00	371+62	437 LF
12	368+00	371+62	382 LF

STONE CHECK DAM FOR CULVERT INFLOW PROTECTION				
NO.	D. AREA	STATION	QTY.	UNITS
2	15.6 AC	382+82, LT	19	TON

EROSION CONTROL BLANKET				
NO.	SY	LENGTH	WIDTH	TYPE
104	303	275 LF	11 LF	3



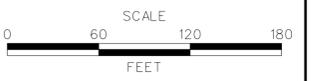
MATCHLINE SHEET 874

NOTE:  
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ADDENDUMS / REVISIONS	



**US 301  
 LEVELS ROAD  
 TO SUMMIT BRIDGE ROAD**

CONTRACT T20091303	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: JW
	CHECKED BY: SF

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

CS-12
SHEET NO. 873
TOTAL SHTS. 1256

TEMPORARY SEDIMENT TRAP									
NO.	D. AREA	LENGTH	WIDTH	DEPTH	OUT. TYPE	OUT. EL.	CLEAN EL.	TOP EL.	WEIR WIDTH
4	9.3	290	130	5	RST	58.0	57.0	61.0	10
5	4.5	300	70	5	SST	60.5	58.3	62.0	18

EARTH DIKE			
NO.	STATION FROM	STATION TO	LENGTH
13	375+52	378+43	290 LF
14	381+14	382+40	128 LF

SILT FENCE			
NO	STATION FROM	STATION TO	LENGTH
17	375+68	381+58	779 LF
18	382+35	383+50	125 LF

RESOURCE PROTECTION FENCE			
NO.	STATION FROM	STATION TO	LENGTH
12	377+25	382+00	678 LF
13	382+27	383+50	125 LF

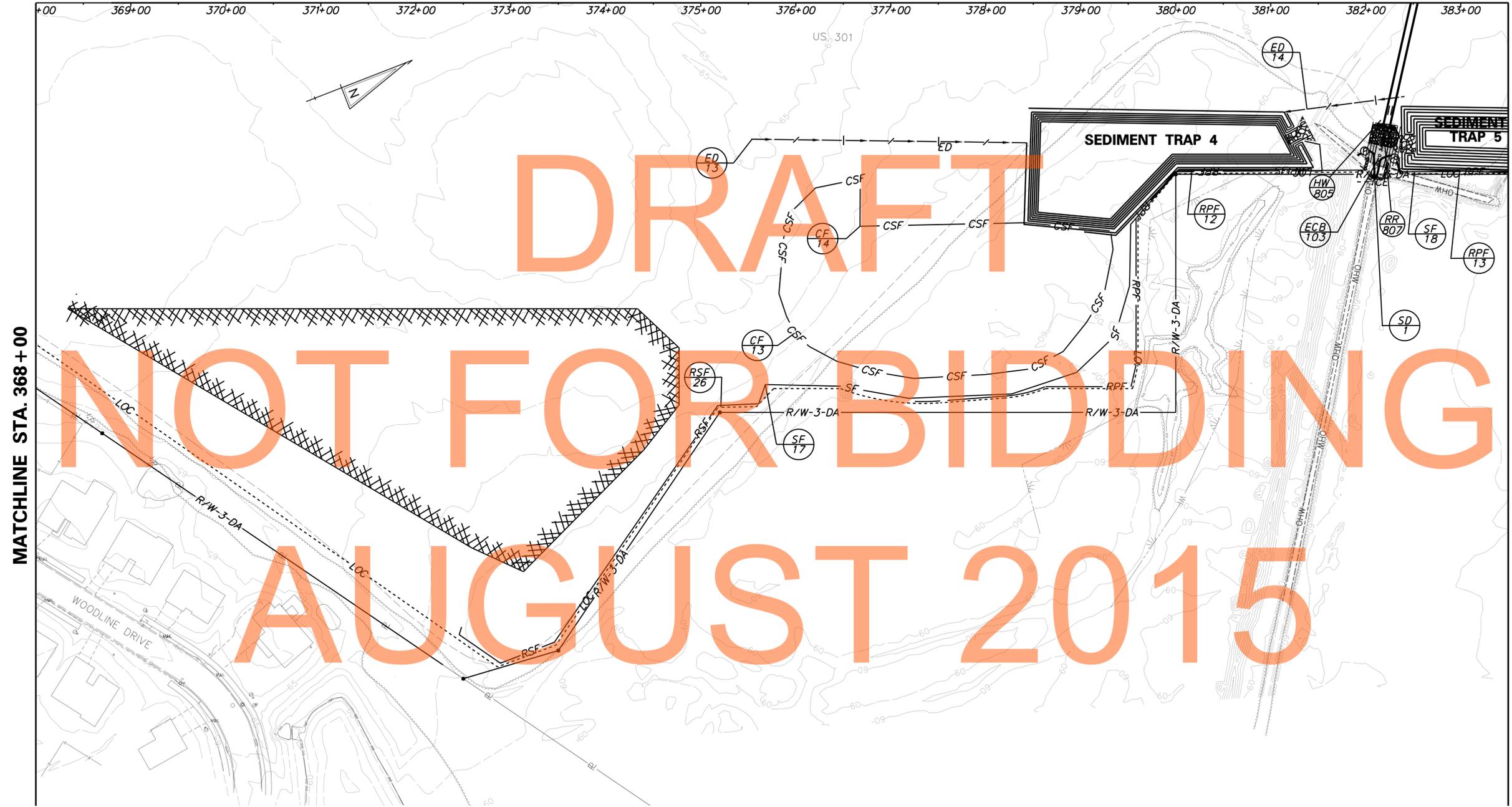
CONSTRUCTION FENCE			
NO.	STATION FROM	STATION TO	LENGTH
13	375+87	379+30	545 LF
14	375+87	379+30	425 LF

REINFORCED SILT FENCE			
NO	STATION FROM	STATION TO	LENGTH
26	372+46	375+68	489 LF

SEDIMENT TRAP OUTFALL QUANTITIES			
ITEM NO.	ITEM	QTY.	UNITS
712005	RIP RAP, R-4	106	SY

EROSION CONTROL BLANKET				
NO.	SY	LENGTH	WIDTH	TYPE
103	114	45 LF	27 LF	3

MATCHLINE SHEET 873



NOTE:  
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STREAM DIVERSION QUANTITIES			
ITEM NO.	ITEM	QTY.	UNITS
263000	SUMP PIT TYPE 1	2	EA
266000	SANDBAG DIKES	20	CY
266500	WATER PUMPING FOR STREAM DIVERSIONS	1	LS

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ADDENDUMS / REVISIONS	



US 301  
 LEVELS ROAD  
 TO SUMMIT BRIDGE ROAD

CONTRACT	BRIDGE NO.	DESIGNED BY:	JW
T20091303		CHECKED BY:	SF
COUNTY			
NEW CASTLE			

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

CS-13
SHEET NO.
874
TOTAL SHTS.
1256

TEMPORARY SEDIMENT TRAP									
NO.	D. AREA	LENGTH	WIDTH	DEPTH	OUT. TYPE	OUT. EL.	CLEAN EL.	TOP EL.	WEIR WIDTH
6	3.99	139	67.2	4	SST	59	57.5	60.0	16

EARTH DIKE			
NO.	STATION FROM	STATION TO	LENGTH
15	397+24	398+90	261 LF

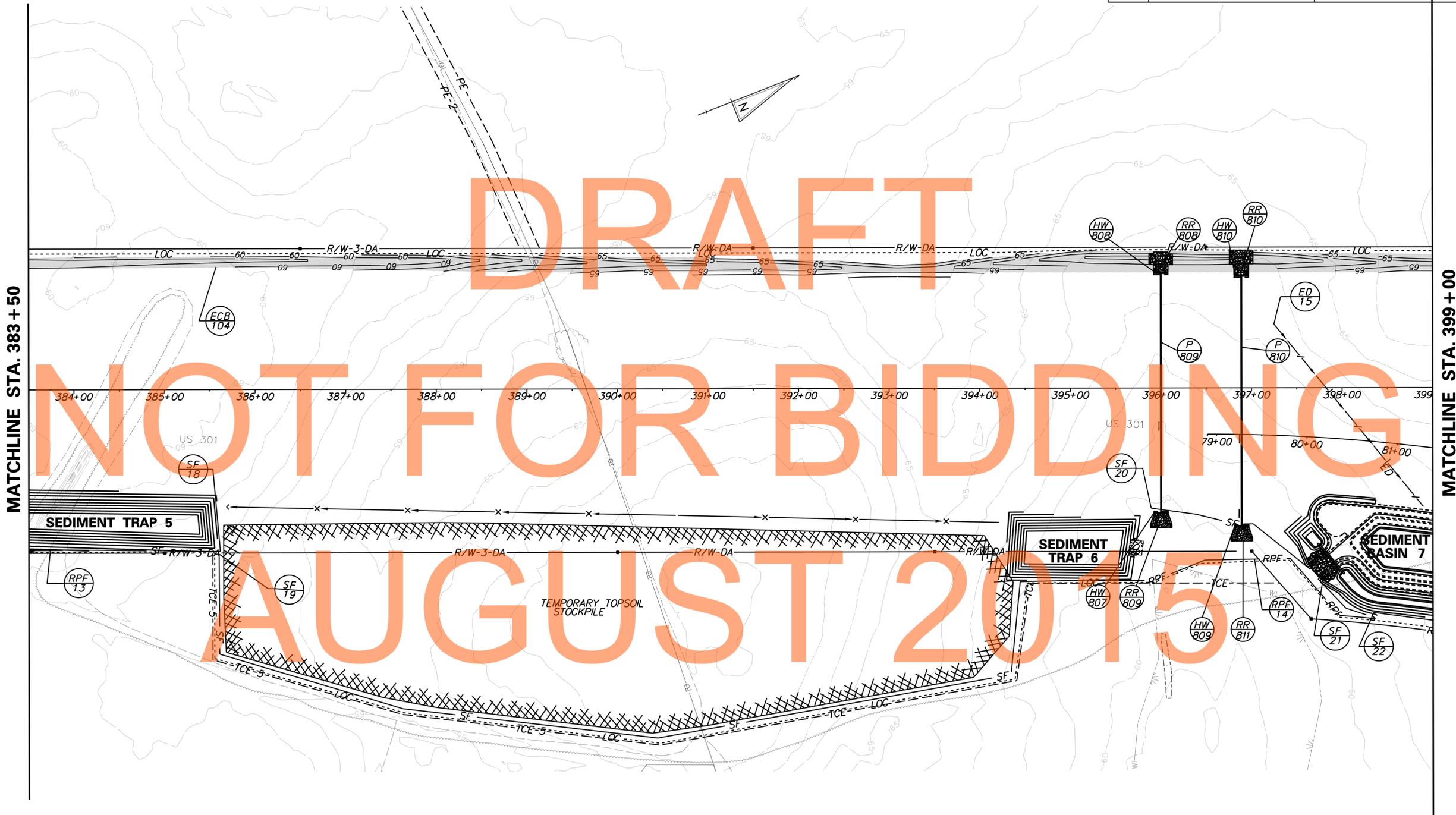
SILT FENCE			
NO.	STATION FROM	STATION TO	LENGTH
18	363+50	385+61	215 LF
19	385+61	395+67	1226 LF
20	395+89	397+70	202 LF
21	397+78	398+39	93 LF
22	398+34	399+00	66 LF

TEMPORARY SEDIMENT BASIN						
NO.	D. AREA	LENGTH	WIDTH	DEPTH	OUT. TYPE	CLEAN EL.
7	5.75'	480	110	2	TSB	61.25

EROSION CONTROL BLANKET				
NO.	SY	LENGTH	WIDTH	TYPE
104	2630	1550 LF	31 LF	3

RESOURCE PROTECTION FENCE			
NO.	STATION FROM	STATION TO	LENGTH
13	383+50	383+87	37 LF
14	395+22	398+37	347 LF

SEDIMENT TRAP OUTFALL QUANTITIES			
ITEM NO.	ITEM	QTY.	UNITS
302500	DELAWARE NO. 3 STONE	14	TON



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ADDENDUMS / REVISIONS



**US 301  
 LEVELS ROAD  
 TO SUMMIT BRIDGE ROAD**

CONTRACT	BRIDGE NO.	
T20091303	DESIGNED BY:	JW
COUNTY	CHECKED BY:	SF
NEW CASTLE		

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

CS-14
SHEET NO.
875
TOTAL SHTS.
1256

EROSION CONTROL BLANKET				
NO.	SY	LENGTH	WIDTH	TYPE
104	1770	879 LF	18 LF	3

RESOURCE PROTECTION FENCE			
NO.	STATION FROM	STATION TO	LENGTH
15	403+77	406+75	293 LF
16	402+20	407+25	567 LF

SILT FENCE			
NO.	STATION FROM	STATION TO	LENGTH
22	399+00	399+21	31 LF
23	399+27	400+83	158 LF
24	400+70	405+81	579 LF
25	405+81	412+64	679 LF
26	412+74	414+50	178 LF
118	405+62	406+24	77 LF

TEMPORARY SEDIMENT BASIN							
NO.	D. AREA	LENGTH	WIDTH	DEPTH	OUT. TYPE	OUT. EL.	CLEAN EL.
9C	3.1	125	330	3.5	TSB	64.12	63.7

EARTH DIKE			
NO.	STATION FROM	STATION TO	LENGTH
16	402+04	405+83	433 LF
17	411+58	412+37	108 LF



DRAFT  
NOT FOR BIDDING  
AUGUST 2015

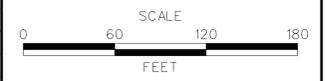
SEE STKP-5 THRU STKP-10 FOR SPUR ROAD E&S CONTROLS

NOTE:  
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STONE CHECK DAM FOR CULVERT INFLOW PROTECTION				
NO.	D. AREA	STATION	QTY.	UNITS
3	11.8 AC	405+94, LT	19	TON

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ADDENDUMS / REVISIONS



CONTRACT T20091303	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: JW
	CHECKED BY: SF

TEMPORARY SEDIMENT TRAP										
NO.	D. AREA	LENGTH	WIDTH	DEPTH	OUT. TYPE	OUT. EL.	CLEAN EL.	TOP EL.	WEIR WIDTH	
7	4.4	162	77	4	SST	65	63.25	66.0	18	

EROSION CONTROL BLANKET				
NO.	SY	LENGTH	WIDTH	TYPE
105	13900	1890 LF	50 LF	3
106	200	666 LF	33 LF	2

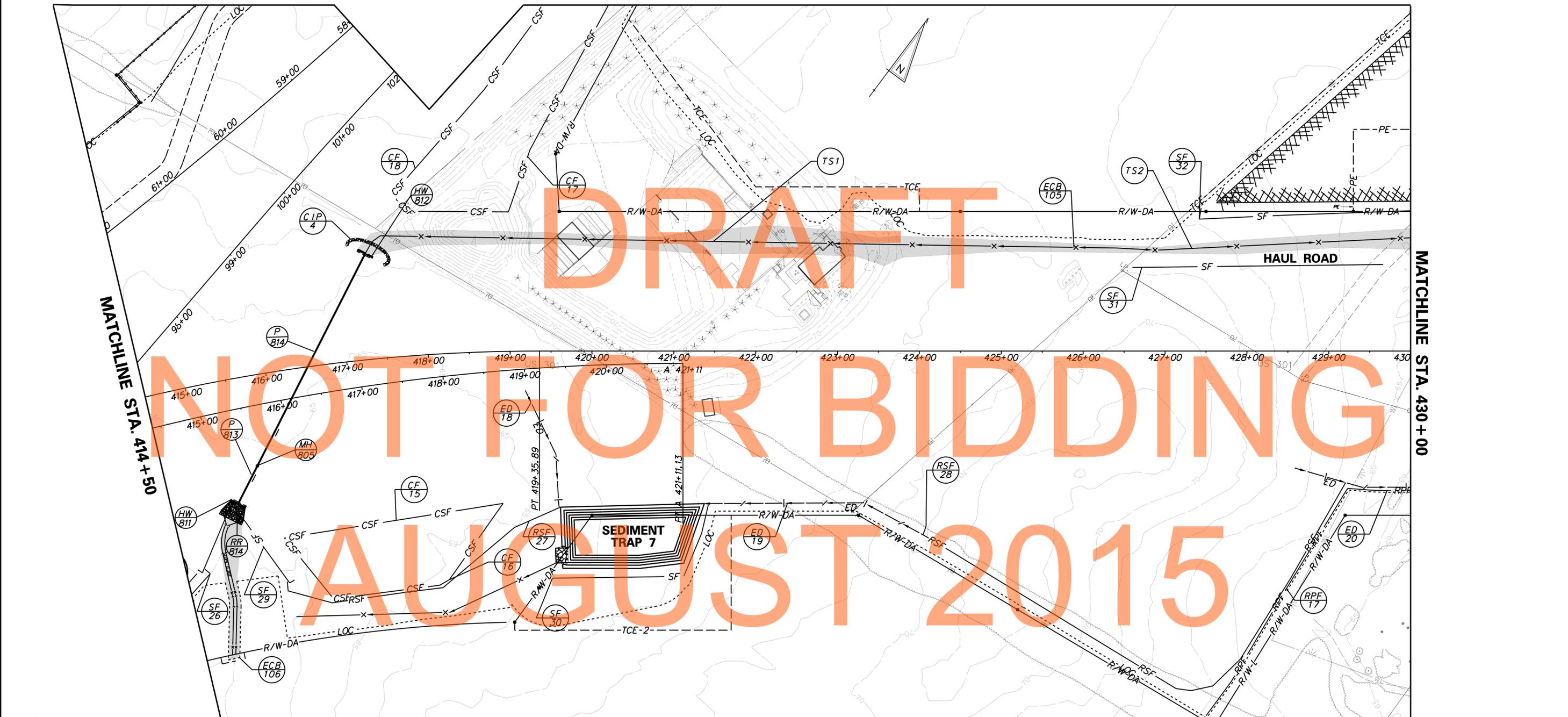
REINFORCED SILT FENCE			
NO.	STATION FROM	STATION TO	LENGTH
27	415+63	419+60	388 LF
28	424+04	429+20	715 LF

STONE CHECK DAM FOR CULVERT INFLOW PROTECTION				
NO.	D. AREA	STATION	QTY.	UNITS
4	4.17	417+50	19	TON

EARTH DIKE			
NO.	STATION FROM	STATION TO	LENGTH
18	419+17	419+60	146 LF
19	421+37	424+00	277 LF
20	428+58	430+00	146 LF

RESOURCE PROTECTION FENCE			
NO.	STATION FROM	STATION TO	LENGTH
17	427+67	430+00	405 LF

MATCHLINE SHEET NO. 878



DRAFT  
NOT FOR BIDDING  
AUGUST 2015

NOTE:  
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TEMPORARY SWALE				
NO.	TYPE	b	d	QTY. (LF)
1	B	6	1	928
2	B	6	1	361

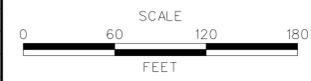
SILT FENCE			
NO.	STATION FROM	STATION TO	LENGTH
26	414+50	414+81	43 LF
29	414+53	415+72	237 LF
30	419+52	421+42	253 LF
31	426+59	429+66	315 LF
32	427+42	430+00	272 LF

CONSTRUCTION FENCE			
NO.	STATION FROM	STATION TO	LENGTH
15	415+90	418+87	270 LF
16	415+90	418+87	354 LF
17	417+47	420+21	423 LF
18	417+47	419+43	302 LF

SEDIMENT TRAP OUTFALL QUANTITIES			
ITEM NO.	ITEM	QTY.	UNITS
302500	DELAWARE NO. 3 STONE	16	TON



ADDENDUMS / REVISIONS



US 301  
LEVELS ROAD  
TO SUMMIT BRIDGE ROAD

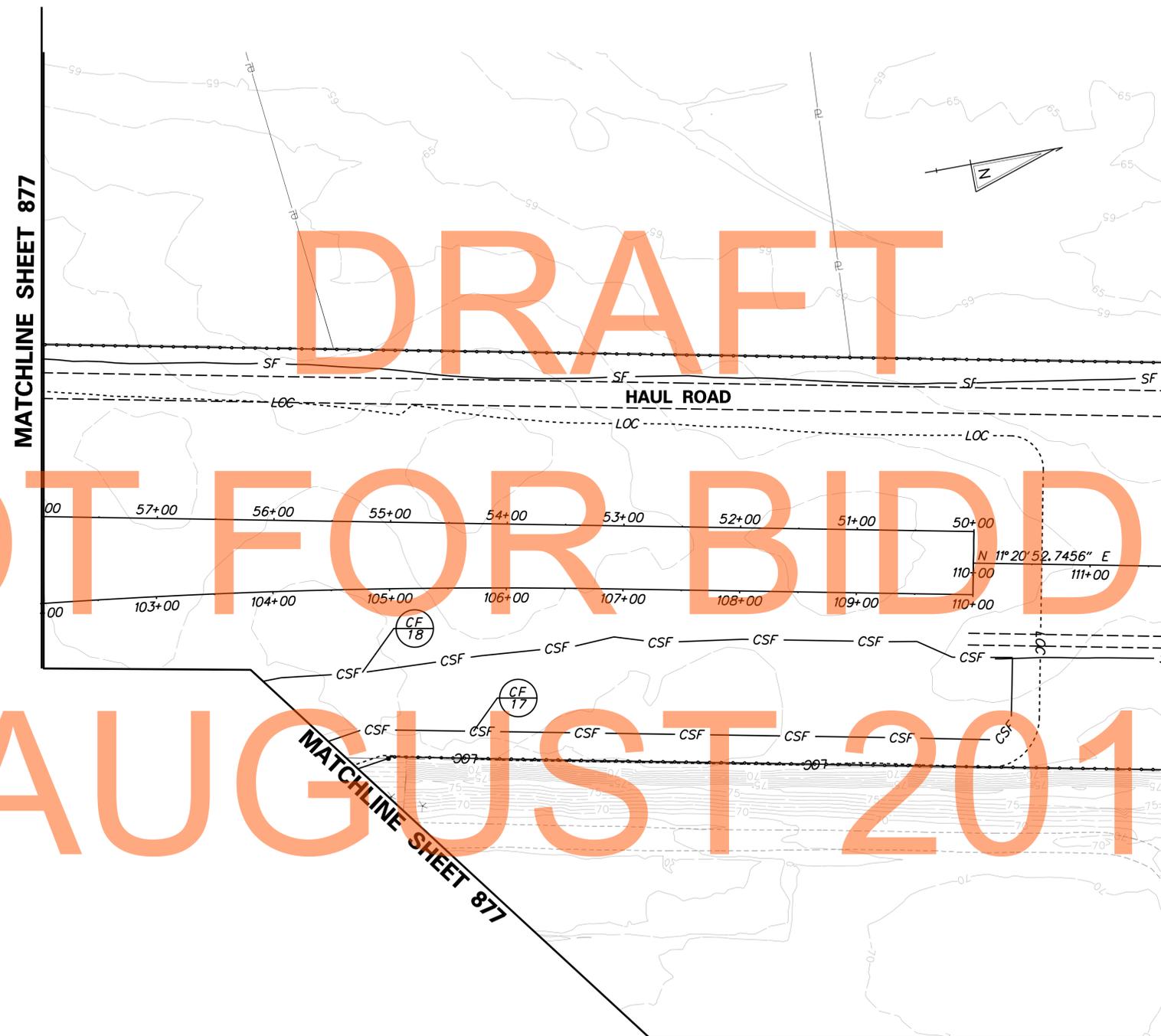
CONTRACT T20091303	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: JW
	CHECKED BY: SF

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

CS-16
SHEET NO. 877
TOTAL SHTS. 1256

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CONSTRUCTION FENCE			
NO.	STATION FROM	STATION TO	LENGTH
17	420+21	424+42	651 LF
18	419+43	423+15	650 LF



SEE STKP-5 THRU STKP-10  
FOR SPUR ROAD E&S CONTROLS

DRAFT  
NOT FOR BIDDING  
AUGUST 2015

**NOTE:**  
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<b>DELAWARE DEPARTMENT OF TRANSPORTATION</b>	ADDENDUMS / REVISIONS	SCALE 0      60      120      180 FEET	<b>US 301 LEVELS ROAD TO SUMMIT BRIDGE ROAD</b>	CONTRACT T20091303	BRIDGE NO.	<b>CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - STAGE 1</b>	SHEET NO. 878
					COUNTY NEW CASTLE		DESIGNED BY: JW

CS-17  
SHEET NO.  
878  
TOTAL SHTS.  
1256

SEDIMENT BASIN SCHEDULE							
NO.	D. AREA	LENGTH	WIDTH	DEPTH	OUT. TYPE	OUT. EL.	CLEAN EL.
11	5	184	450	2	TSB	66.1	65.8

TEMPORARY SEDIMENT TRAP									
NO.	D. AREA	LENGTH	WIDTH	DEPTH	OUT. TYPE	OUT. EL.	CLEAN EL.	TOP EL.	WEIR WIDTH
8	4.9	142	80	4	SST	63	61.6	64.0	20
9	3.8	98	123	4	SST	63	61.7	64.0	15

EROSION CONTROL BLANKET				
NO.	SY	LENGTH	WIDTH	TYPE
105	6000	1550 LF	60 LF	3

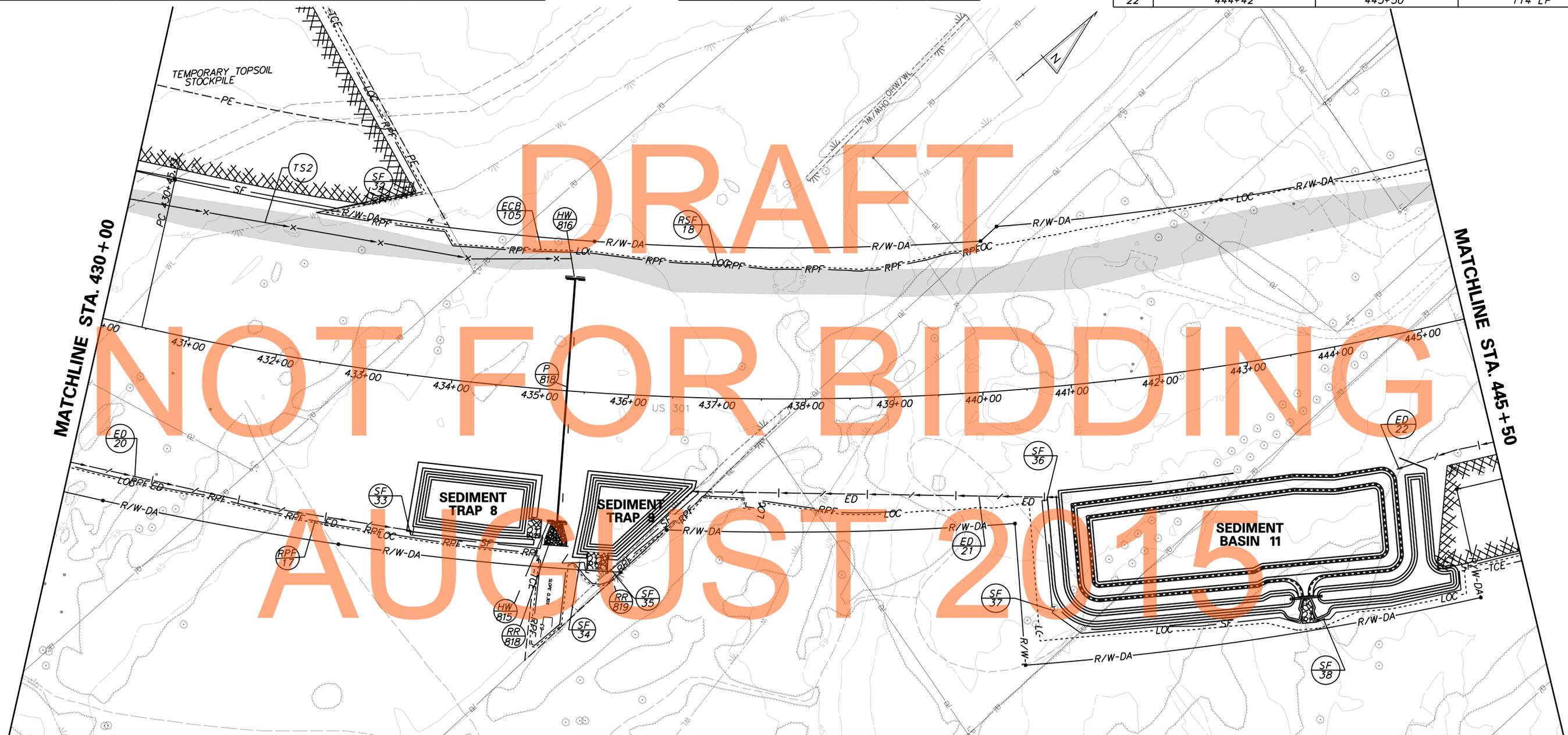
RESOURCE PROTECTION FENCE			
NO.	STATION FROM	STATION TO	LENGTH
17	430+00	438+97	1190 LF
18	432+39	440+17	1050 LF

TEMPORARY SWALE				
NO.	TYPE	b	d	QTY. (LF)
2	B	6	1	928

SILT FENCE			
NO.	STATION FROM	STATION TO	LENGTH
32	430+00	433+32	333 LF
33	433+75	435+16	167 LF
34	435+45	435+68	53 LF
35	435+85	436+82	141 LF
36	440+56	440+61	130 LF
37	440+57	443+15	301 LF
38	443+26	445+50	272 LF

EARTH DIKE			
NO.	STATION FROM	STATION TO	LENGTH
20	430+00	433+77	396 LF
21	436+76	440+75	413 LF
22	444+42	445+50	114 LF

SEDIMENT TRAP OUTFALL QUANTITIES			
ITEM NO.	ITEM	QTY.	UNITS
302500	DELAWARE NO. 3 STONE	42	TON

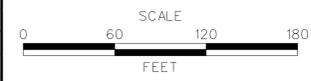


NOTE:  
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ADDENDUMS / REVISIONS	



**US 301  
 LEVELS ROAD  
 TO SUMMIT BRIDGE ROAD**

CONTRACT	BRIDGE NO.	DESIGNED BY:	JW
T20091303		CHECKED BY:	SF
COUNTY			
NEW CASTLE			

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

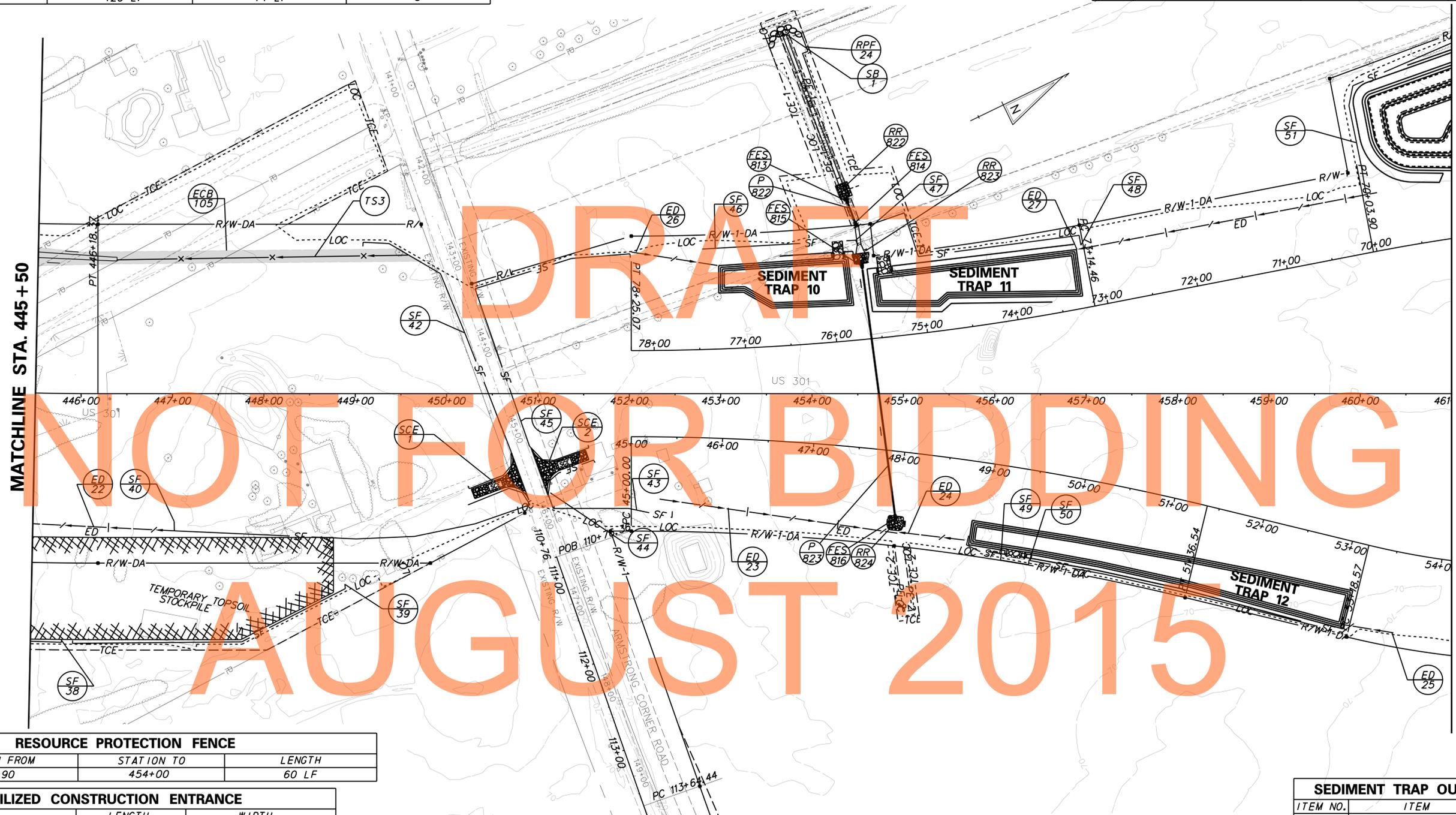
CS-18
SHEET NO.
879
TOTAL SHTS.
1256

TEMPORARY SEDIMENT TRAP									
NO.	D. AREA	LENGTH	WIDTH	DEPTH	OUT. TYPE	OUT. EL.	CLEAN EL.	TOP EL.	WEIR WIDTH
10	2.7	52	144	3	SST	68	67.0	69.0	11
11	3.4	56	230	3	SST	68	66.9	69.0	14
12	5.0	31	422	3	SST	69	67.9	70.0	20

EROSION CONTROL BLANKET				
NO.	SY	LENGTH	WIDTH	TYPE
105	6791	420 LF	14 LF	3

SILT FENCE			
NO.	STATION FROM	STATION TO	LENGTH
38	445+50	445+82	37 LF
39	446+00	448+88	321 LF
40	447+02	450+98	418 LF
42	449+08	450+31	402 LF
43	451+19	452+40	136 LF
44	451+23	451+69	88 LF

SILT FENCE			
NO.	STATION FROM	STATION TO	LENGTH
45	451+61	452+01	457 LF
46	452+80	454+13	134 LF
47	454+37	454+49	14 LF
48	454+61	456+94	280 LF
49	455+69	456+07	53 LF
50	456+38	459+86	362 LF
51	406+06	461+00	240 LF



MATCHLINE STA. 445+50

MATCHLINE STA. 461+00

NOT FOR BIDDING  
AUGUST 2015

RESOURCE PROTECTION FENCE			
NO.	STATION FROM	STATION TO	LENGTH
24	453+90	454+00	60 LF

STABILIZED CONSTRUCTION ENTRANCE			
NO.	STA.	LENGTH	WIDTH
1	450+89	50	30
2	451+09	50	30

TEMPORARY SWALE				
NO.	TYPE	b	d	QTY. (LF)
3	B	6	1	318

EARTH DIKE			
NO.	STATION FROM	STATION TO	LENGTH
22	445+50	447+02	155 LF
23	452+44	454+95	262 LF
24	454+95	455+68	73 LF
25	459+79	460+36	58 LF
26	452+02	452+98	97 LF
27	456+89	460+13	335 LF

SEDIMENT TRAP OUTFALL QUANTITIES			
ITEM NO.	ITEM	QTY.	UNITS
302500	DELAWARE NO. 3 STONE	57	TON

SANDBAG DIKE			
NO.	STA.	OFFSET	QUANTITY
1	453+73	381 LT	10 CY

NOTE:  
FOLLOWING SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN 14 CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER SEDIMENT CONTROLS, SOIL STOCKPILES, AND ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.



ADDENDUMS / REVISIONS



**US 301  
LEVELS ROAD  
TO SUMMIT BRIDGE ROAD**

CONTRACT	BRIDGE NO.	
T200911303	DESIGNED BY:	JW
COUNTY	CHECKED BY:	SF
NEW CASTLE		

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

CS-19
SHEET NO.
880
TOTAL SHTS.
1256

SEDIMENT BASIN SCHEDULE							
NO.	D. AREA	LENGTH	WIDTH	DEPTH	OUT. TYPE	OUT. EL.	CLEAN EL.
11	10.5	165	400	3.4	TSB	68.7	68.2

SILT FENCE			
NO.	STATION FROM	STATION TO	LENGTH
51	461+00	461+33	40 LF
52	461+29	463+27	209 LF
53	463+45	464+00	71 LF
54	464+03	464+20	159 LF

SILT FENCE			
NO.	STATION FROM	STATION TO	LENGTH
55	463+35	465+04	273 LF
56	465+85	466+81	281 LF
57	464+99	465+10	69 LF
58	473+85	476+50	348 LF

EARTH DIKE			
NO.	STATION FROM	STATION TO	LENGTH
28	467+48	476+30	924 LF

MATCHLINE SHEET 882



MATCHLINE SHEET 884

NOTE:  
 FOLLOWING SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN 14 CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER SEDIMENT CONTROLS, SOIL STOCKPILES, AND ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

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ADDENDUMS / REVISIONS



US 301  
 LEVELS ROAD  
 TO SUMMIT BRIDGE ROAD

CONTRACT	BRIDGE NO.	
T200911303	DESIGNED BY:	JW
COUNTY	CHECKED BY:	SF
NEW CASTLE		

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

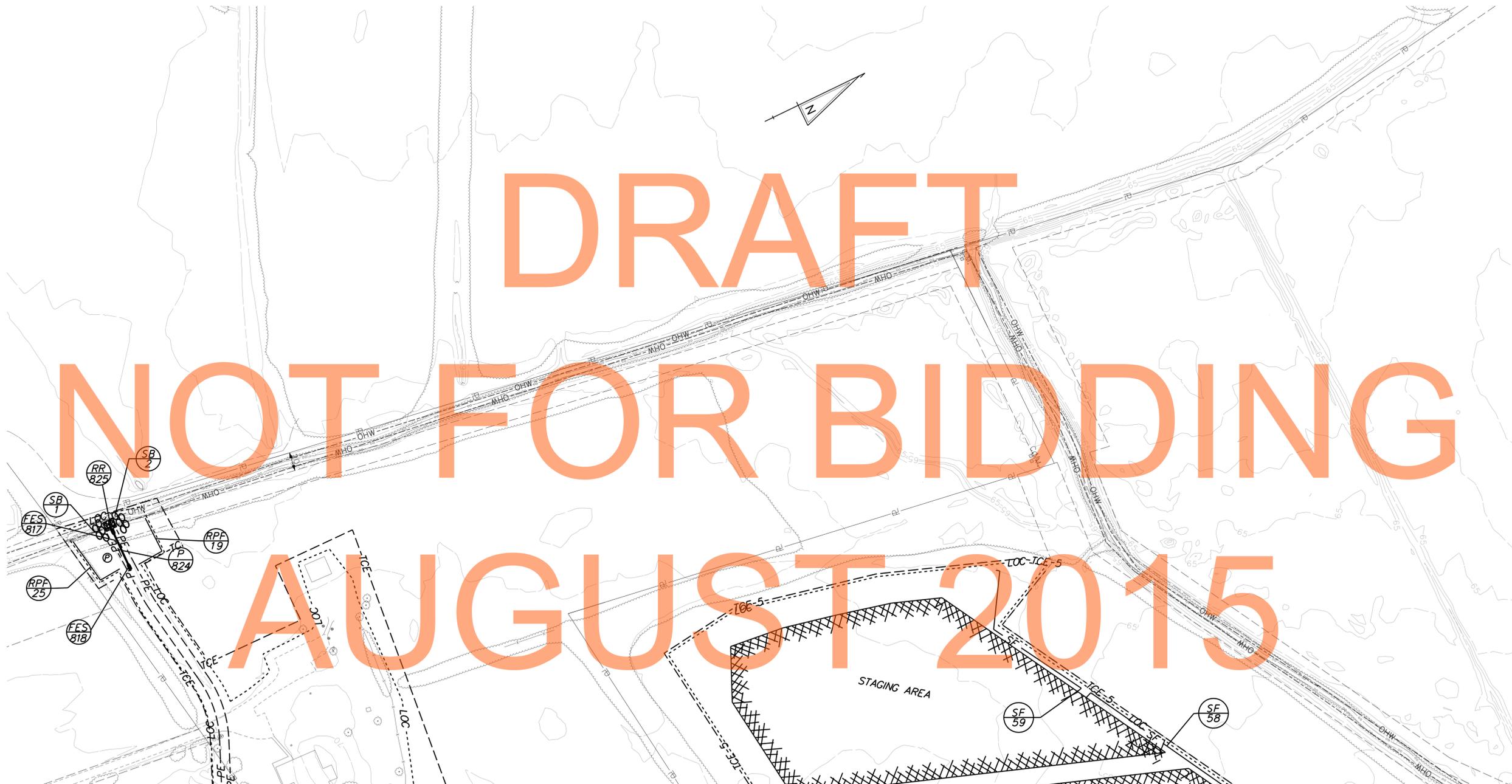
CS-20
SHEET NO.
881
TOTAL SHTS.
1256

SILT FENCE			
NO.	STATION FROM	STATION TO	LENGTH
58	471+66	472+28	189 LF
59	472+57	476+50	186 LF

RESOURCE PROTECTION FENCE			
NO.	STATION FROM	STATION TO	LENGTH
19	67+30	67+50	70 LF
25	67+75	68+20	70 LF

STREAM DIVERSION QUANTITIES			
ITEM NO.	ITEM	QTY.	UNITS
266500	WATER PUMPING FOR STREAM DIVERSIONS	1	LS

SANDBAG DIKE			
NO.	STATION	OFFSET	QUANTITY
SB-1	68+24	505 LT	10 CY
SB-2	68+45	516 LT	10 CY



MATCHLINE SHEET 881

NOTE:  
 FOLLOWING SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN 14 CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER SEDIMENT CONTROLS, SOIL STOCKPILES, AND ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

ADDENDUMS / REVISIONS



US 301  
 LEVELS ROAD  
 TO SUMMIT BRIDGE ROAD

CONTRACT	BRIDGE NO.	
T20091303	DESIGNED BY:	JW
COUNTY	CHECKED BY:	SF
NEW CASTLE		

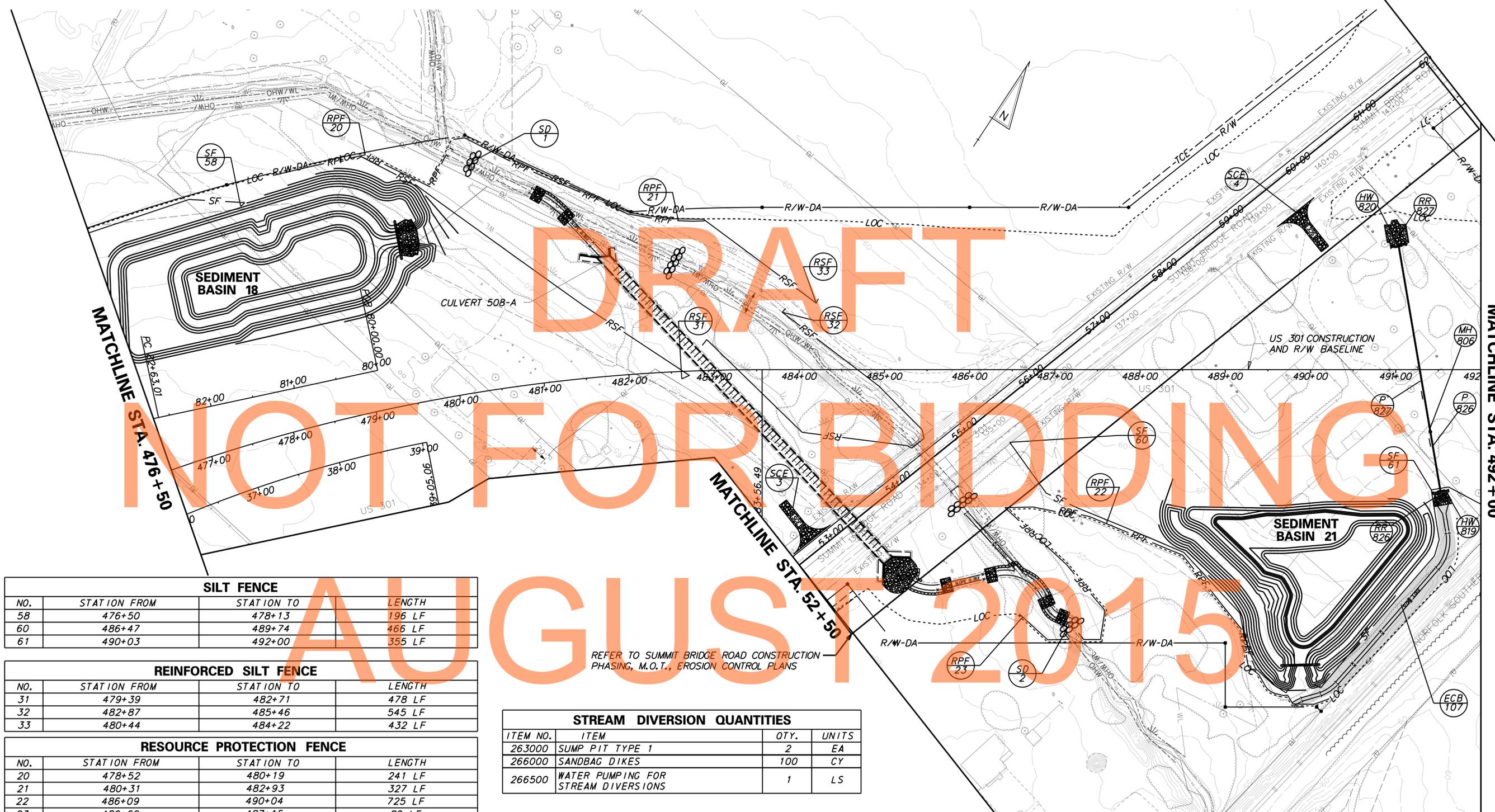
CONSTRUCTION PHASING,  
 M.O.T., AND EROSION  
 CONTROL PLAN - STAGE 1

CS-21
SHEET NO.
882
TOTAL SHTS.
1256

SEDIMENT BASIN SCHEDULE							
NO.	D. AREA	LENGTH	WIDTH	DEPTH	OUT. TYPE	OUT. EL.	CLEAN EL.
18	12.6	411	150	4	TSB	64.7	64.1
21	4.3	234	324	2	TSB	58.8	58.4

STABILIZED CONSTRUCTION ENTRANCE			
NO.	STA.	LENGTH	WIDTH
3	483+56	50	30
4	490+17	50	30

EROSION CONTROL BLANKET				
NO.	SY	LENGTH	WIDTH	TYPE
107	720	325 LF	20 LF	3



DRAFT  
NOT FOR BIDDING  
AUGUST 2015

SILT FENCE			
NO.	STATION FROM	STATION TO	LENGTH
58	476+50	478+13	196 LF
60	486+47	489+74	466 LF
61	490+03	492+00	355 LF

REINFORCED SILT FENCE			
NO.	STATION FROM	STATION TO	LENGTH
31	479+39	482+71	478 LF
32	482+87	485+46	545 LF
33	480+44	484+22	432 LF

RESOURCE PROTECTION FENCE			
NO.	STATION FROM	STATION TO	LENGTH
20	478+52	480+19	241 LF
21	480+31	482+93	327 LF
22	486+09	490+04	725 LF
23	486+60	487+15	80 LF

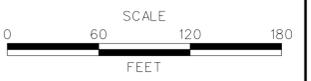
STREAM DIVERSION QUANTITIES			
ITEM NO.	ITEM	QTY.	UNITS
263000	SUMP PIT TYPE 1	2	EA
266000	SANDBAG DIKES	100	CY
266500	WATER PUMPING FOR STREAM DIVERSIONS	1	LS

NOTE:  
FOLLOWING SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN 14 CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER SEDIMENT CONTROLS, SOIL STOCKPILES, AND ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

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ADDENDUMS / REVISIONS	



**US 301  
LEVELS ROAD  
TO SUMMIT BRIDGE ROAD**

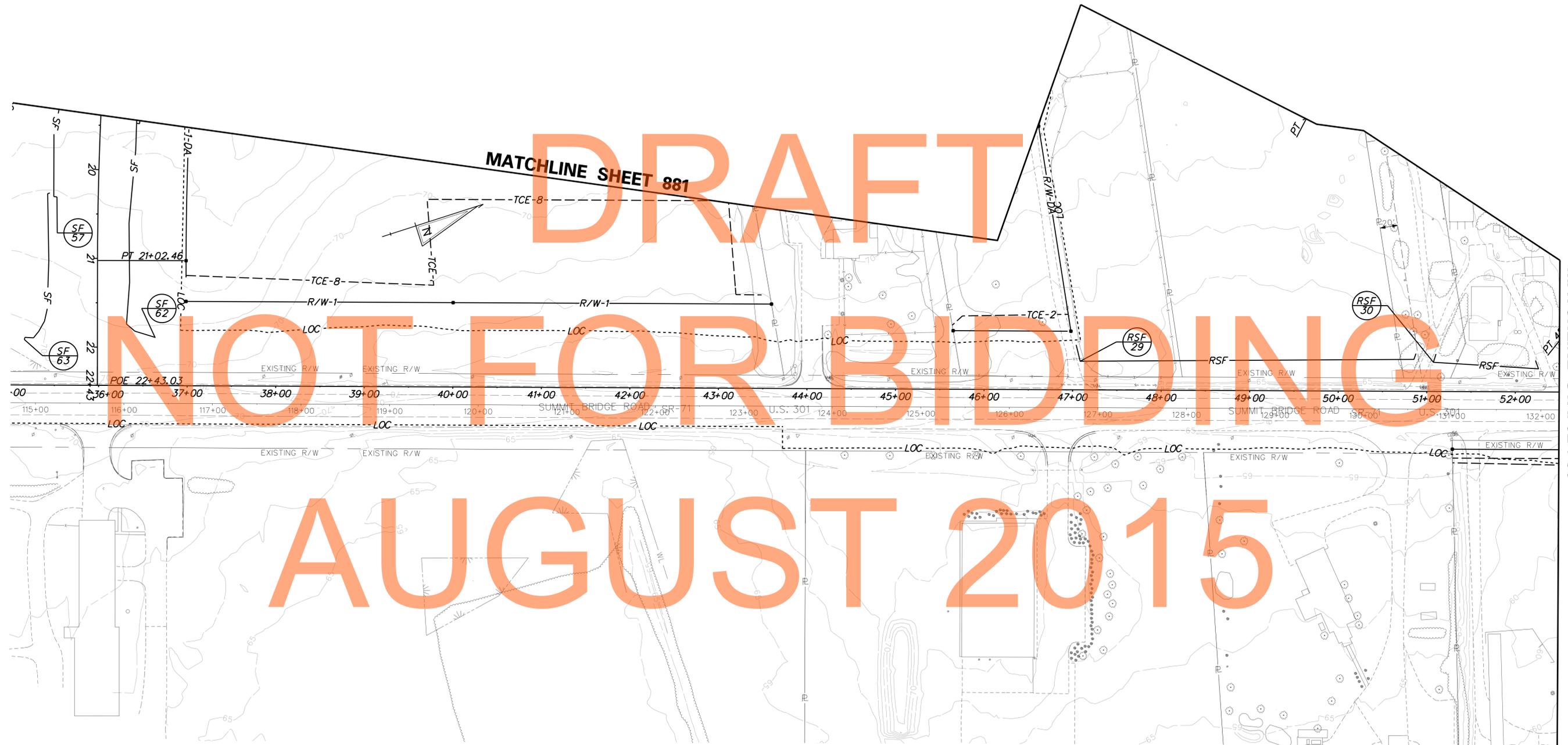
CONTRACT T20091303	BRIDGE NO.	DESIGNED BY: JW
COUNTY NEW CASTLE	CHECKED BY: SF	

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

CS-22
SHEET NO. 883
TOTAL SHTS. 1256

SILT FENCE			
NO.	STATION FROM	STATION TO	LENGTH
57	19+38	20+31	103 LF
62	19+38	21+89	272 LF
63	20+27	21+91	182 LF

REINFORCED SILT FENCE			
NO.	STATION FROM	STATION TO	LENGTH
29	47+04	50+86	403 LF
30	51+06	52+23	139 LF



NOTE:  
 FOLLOWING SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY  
 STABILIZATION SHALL BE COMPLETED WITHIN 14 CALENDAR DAYS AS TO THE SURFACE  
 OF ALL PERIMETER SEDIMENT CONTROLS, SOIL STOCKPILES, AND ALL OTHER DISTURBED  
 OR GRADED AREAS ON THE PROJECT SITE.

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	ADDENDUMS / REVISIONS		SCALE 0 60 120 180 FEET	<b>US 301          LEVELS ROAD          TO SUMMIT BRIDGE ROAD</b>	CONTRACT	BRIDGE NO.	<b>CONSTRUCTION PHASING,          M.O.T., AND EROSION          CONTROL PLAN - STAGE 1</b>	CS-23
					T200911303			DESIGNED BY: JW
					COUNTY	CHECKED BY: SF	TOTAL SHTS. 1256	
					NEW CASTLE			

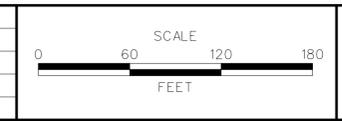
SILT FENCE			
NO.	STATION FROM	STATION TO	LENGTH
61	492+00, RT	492+45	53 LF



**NOTE:**  
 FOLLOWING SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN 14 CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER SEDIMENT CONTROLS, SOIL STOCKPILES, AND ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

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ADDENDUMS / REVISIONS



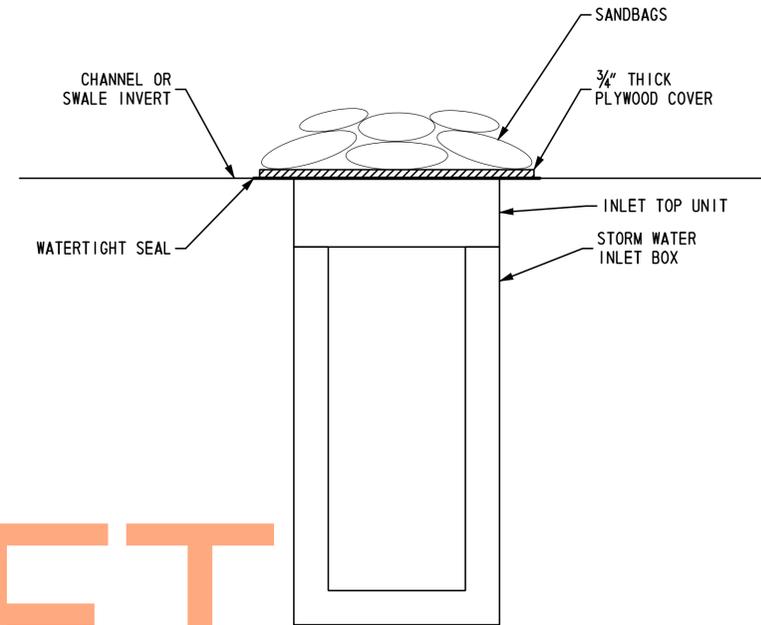
CONTRACT	BRIDGE NO.	
T20091303	DESIGNED BY:	JW
COUNTY	CHECKED BY:	SF
NEW CASTLE		

CS-24
SHEET NO.
885
TOTAL SHTS.
1256

# SEQUENCE OF CONSTRUCTION

STAGE 2 - SANITARY RELOCATION, EARTH BERM CONSTRUCTION AND ROADWAY/BRIDGE EMBANKMENT TO F BORROW ELEVATION

- 1) BEGIN PHASE 2 CONSTRUCTION OF BUNKER HILL ROAD AND US 301 MAINLINE. MAINTAIN PHASE 1 AND INSTALL PHASE 2 EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN IN THE PHASE 2 PLANS. REFER TO BUNKER HILL ROAD CONSTRUCTION PHASING, MOT AND ECP.
  - 2) INSTALL HAUL ROAD FROM BORROW SITE TO BUNKER HILL ROAD INCLUDING TEMPORARY CROSSINGS OVER SANDY BRANCH AND REVISE EXISTING OR INSTALL NEW PERIMETER CONTROLS AS SHOWN ON PLANS.
  - 3) INSTALL SANITARY LINE RELOCATION PER PLANS.
  - 4) STRIP TOPSOIL AND STOCKPILE IN LOCATIONS AS SHOWN ON PLANS. STOCKPILE AREAS SHALL BE SURROUNDED WITH SILT FENCE OR REINFORCED SILT FENCE AND WILL BE STABILIZED WITH TEMPORARY SEEDING.
  - 5) COMMENCE EARTHWORK ACTIVITIES ASSOCIATED WITH EARTH BERMS AND UNDERCUTTING. ROADWAY FILL BETWEEN STA. 328+28 AND 353+88 AND BETWEEN STA. 427+14 TO 440+25 MUST BE CONSTRUCTED CONCURRENTLY WITH BERM CONSTRUCTION. MAINTAIN POSITIVE DRAINAGE TO EROSION AND SEDIMENT CONTROL FEATURES INCLUDING MODIFICATION TO GRADING OF SEDIMENT TRAPS AND BASINS AS SHOWN IN THE PHASE 2 PLANS. IF AREA DOES NOT FLOW TO AN APPROVED EROSION AND SEDIMENT CONTROL DEVICE, STABILIZE WITH EROSION CONTROL BLANKET IN THE SAME WORKING FINAL GRADE OF EARTH BERMS, STABILIZE ALL SLOPES WITH EROSION CONTROL BLANKET.
  - 6) COMMENCE EARTH MOVING OPERATIONS TO F BORROW ELEVATIONS FOR ROADWAY AND BRIDGES ALLOWING FOR POSITIVE DRAINAGE TO EROSION AND SEDIMENT CONTROL FEATURES INCLUDING MODIFICATION TO GRADING OF SEDIMENT TRAPS AND BASINS AS SHOWN IN THE PHASE 2 PLANS. FILL OPERATIONS WILL ALSO INCLUDE CONSTRUCTION OF MSE WALLS FOR BRIDGES 1-468, 1-476, 1-472, 1-475, 1-507 PER STRUCTURE PLANS AND DETAILS. AS FILL REACTION F BORROW ELEVATIONS, STABILIZE ROADWAY AREAS WITH STONE AND GRADED AREAS WITH EROSION CONTROL BLANKET AND TEMPORARY SEEDING.
  - 7) DURING EARTH MOVING OPERATIONS, SEDIMENT TRAPS 1, 7, 8, 9, 10 AND 11 WILL BE REMOVED. CONSTRUCT BERM AT STA. 316+00, RT TO 337+00, RT FROM NORTH TO SOUTH MAINTAINING DRAINAGE INTO SEDIMENT TRAP 1 BEFORE REMOVING TRAP. FOR FILL STA. 430+00 TO STA 441+00, FILL AREAS FROM STA. 430+00 TO STA 435+00 MAINTAINING POSITIVE DRAINAGE TO SEDIMENT TRAPS 8 AND 9. CONSTRUCT REMAINING CULVERTS THAT WERE NOT INSTALLED IN STAGE 1 OF CONSTRUCTION DURING FILL OPERATIONS IN THIS AREA.
  - 8) CONSTRUCT DRAINAGE PIPES, INLETS, AND ROCK OUTLET PROTECTION FROM DOWNSTREAM TO UPSTREAM. IF NO INLET PROTECTION IS SHOWN ON PHASE 2, COVER INLET TO NOT ALLOW RUNOFF INTO DRAINAGE SYSTEM. SUMP AREAS WILL BE DRAINED WITH PORTABLE SEDIMENT TANKS OR OTHER APPROVED DEWATERING DEVICES. ALLOW ROADSIDE DITCHES TO DRAIN TO OUTFALLS AND NOT TO INFILTRATION AREAS UNTIL FINAL STABILIZATION. DO NOT ALLOW AREAS TO DRAIN TO FUTURE INFILTRATION AREAS UNTIL SITE IS COMPLETELY STABILIZED. WHEN TEMPORARY PIPES ARE USED, USE APPROVED SEDIMENT CONTROL DEVICES AT UPSTREAM ENDS OF THE STORM DRAIN SYSTEM TO TREAT UNSTABILIZED AREAS.
  - 9) DURING FILL OPERATIONS, INSTALL P-69 INCLUDING FES-30 AND FES-31, P-82 INCLUDING DI-76 AND HW-82, P-180 INCLUDING FES-53 AND FES-54, P-184 INCLUDING DI-181 AND FES-181 AND P-302 AND P-163 INCLUDING MH-3, MH-13 AND HW-133. INSTALL INLET PROTECTION AT INLETS AND MAINTAIN POSITIVE DRAINAGE THROUGH STRUCTURES. CONSTRUCT TEMPORARY DITCH DOWNSTREAM OF FES-54 TO MAINTAIN DRAINAGE TO SEDIMENT TRAP 12.
  - 10) INSTALL REMAINING CULVERTS AND ROCK OUTLET PROTECTION AND INFLOW/OUTFALL DITCHES THROUGH TRENCH EXCAVATION WHEN FILL HAS REACHED 4 FEET AS SHOWN ON THE PHASE 2 PLANS. STABILIZE DITCHES WITH EROSION CONTROL BLANKET.
  - 11) MAINTAIN SEDIMENT AND EROSION CONTROL STRUCTURES THROUGH STAGE 3 AND 4 OF CONSTRUCTION. AS SEDIMENT TRAPS ARE REMOVED, REMOVE SEDIMENT FROM BOTTOM OF FACILITY AND FILL TRAP PER SPECIFICATION 251. REMOVE OUTFALL STRUCTURES AND REUSE RIP-RAP AT PERMANENT OUTFALLS.
- BRIDGE CONSTRUCTION
- 1) FOR BRIDGE AND CULVERT CONSTRUCTION WITHIN STREAMS, SEE STREAM DIVERSION PLANS ON SHEETS 859-861. .



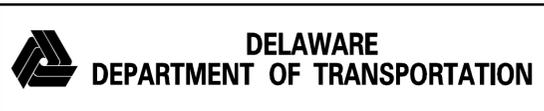
ITEM 905501 - TEMPORARY STORM WATER INLET COVER

N. T. S.

- 1) USE WATERPROOF CAULK TO CREATE A WATERPROOF SEAL BETWEEN THE PLYWOOD COVER AND INLET TOP UNIT.

DRAFT  
NOT FOR BIDDING  
AUGUST 2015

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ADDENDUMS / REVISIONS	

**NOT TO SCALE**

**US 301  
LEVELS ROAD  
TO SUMMIT BRIDGE ROAD**

CONTRACT	BRIDGE NO.	
T200911303	DESIGNED BY:	JW
COUNTY	CHECKED BY:	SF
NEW CASTLE		

**CONSTRUCTION PHASING  
M.O.T. AND EROSION  
CONTROL NOTES - STAGE 2**

CS-25
SHEET NO.
886
TOTAL SHTS.
1256

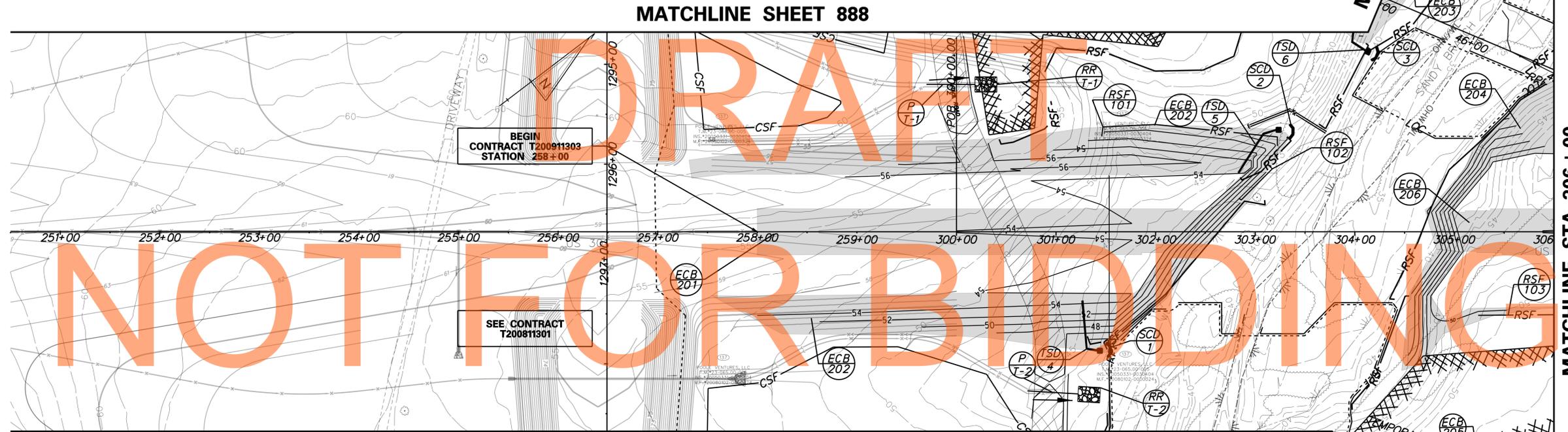
TEMPORARY PIPE			
NO.	SIZE	TYPE	LENGTH
T-1	18"	CMP	70 LF
T-2	24"	CMP	70 LF

EROSION CONTROL BLANKET				
NO.	SY	LENGTH	WIDTH	TYPE
201	2183	420 LF	60 LF	2
202	4820	600 LF	50 LF	3
203	2546	24 LF	120 LF	3
204	1196	50 LF	350 LF	3
205	607	180 LF	30 LF	3
206	474	90 LF	60 LF	2
207	3608	180 LF	30 LF	3
208	87	120 LF	6 LF	3

REINFORCED SILT FENCE			
NO.	STATION FROM	STATION TO	LENGTH
101	301+46	303+22	195 LF
102	302+84	303+17	52 LF
103	305+24	306+00	76 LF
104	303+83	303+98	196 LF

SILT FENCE			
NO.	STATION FROM	STATION TO	LENGTH
101	304+50	306+00	164 LF

SEEDING QUANTITIES			
ITEM NO.	ITEM	QTY.	UNITS
734017	TEMPORARY SEEDING, DRY GROUND	18481	SY



MATCHLINE SHEET 888

MATCHLINE SHEET 889

TEMPORARY RIPRAP OUTLET PROTECTION						
NO.	SY	LENGTH	WIDTH	TYPE	CY	DEPTH
RR T-1	337	22 LF	15 LF	R-4	16	14"
RR T-2	337	22 LF	15 LF	R-4	16	14"

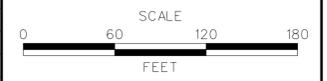
STONE CHECK DAM				
NO.	LENGTH	HEIGHT	QTY.	UNITS
1	20	2'	5	TON
2	20	2'	5	TON
3	20	2'	5	TON

TEMPORARY SLOPE DRAIN			
NO.	PIPE SIZE	LENGTH	DA
4	18"	60'	0.90
5	18"	60'	1.10
6	18"	67'	0.70

NOTE:  
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ADDENDUMS / REVISIONS



**US 301  
 LEVELS ROAD  
 TO SUMMIT BRIDGE ROAD**

CONTRACT T20091303	BRIDGE NO.	
COUNTY NEW CASTLE	DESIGNED BY:	JW
	CHECKED BY:	SF

**CONSTRUCTION PHASING,  
 M.O.T., AND EROSION  
 CONTROL PLAN - STAGE 2**

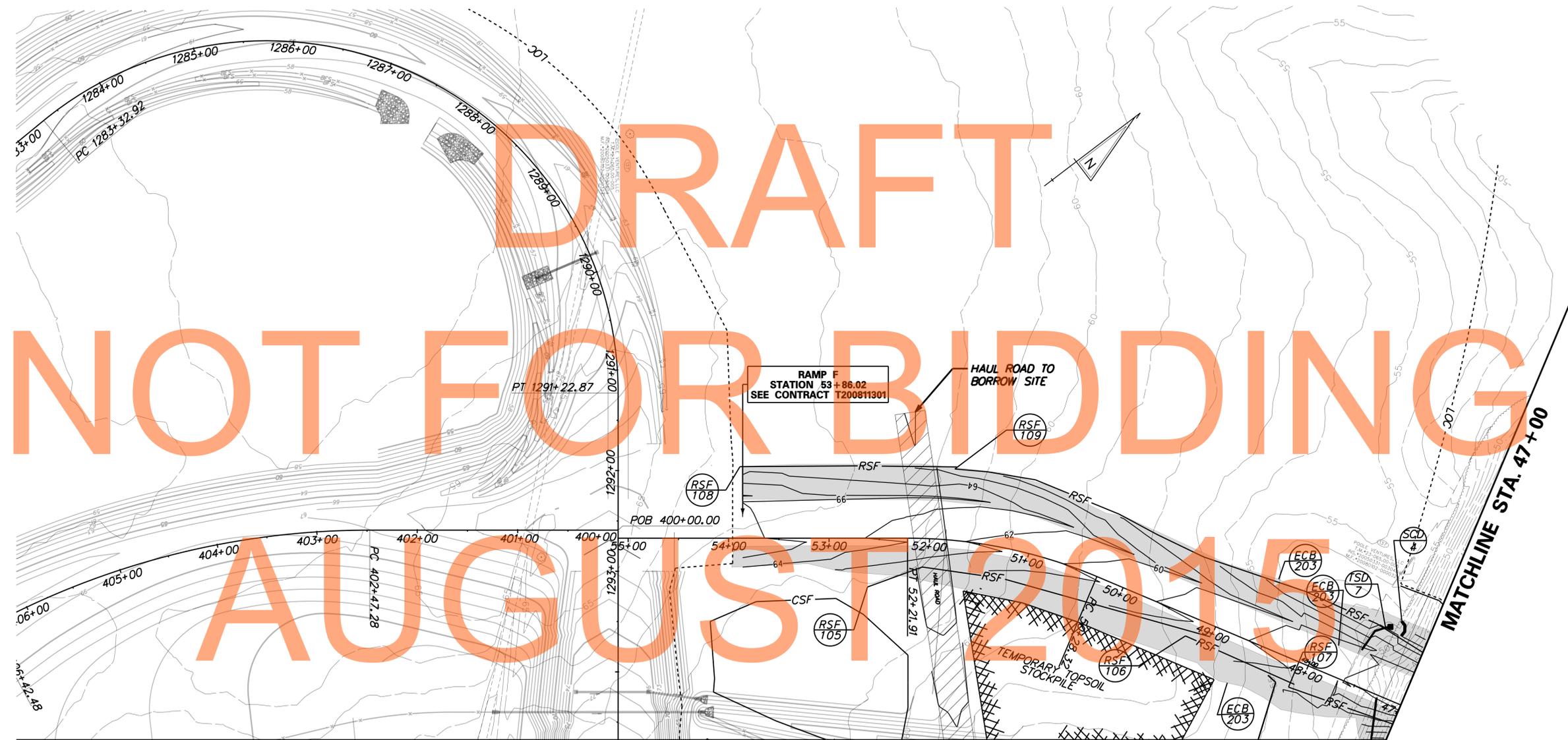
CS-26
SHEET NO. 887
TOTAL SHTS. 1256

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EROSION CONTROL BLANKET				
NO.	SY	LENGTH	WIDTH	TYPE
203	5401	700 LF	40 LF	3

SEEDING QUANTITIES			
ITEM NO.	ITEM	QTY.	UNITS
734017	TEMPORARY SEEDING, DRY GROUND	8065	SY

REINFORCED SILT FENCE			
NO.	STATION FROM	STATION TO	LENGTH
105	49+00	57+62	354 LF
106	48+06	49+24	118 LF
107	47+00	48+10	109 LF
108	51+78	53+89	216 LF
109	47+00	51+80	505 LF



MATCHLINE SHEET 887

STONE CHECK DAM				
NO.	LENGTH	HEIGHT	QTY.	UNITS
4	20'	2'	5	TON

TEMPORARY SLOPE DRAIN			
NO.	PIPE SIZE	LENGTH	DA
7	12"	36'	0.40

NOTE:  
 FOLLOWING SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN 14 CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER SEDIMENT CONTROLS, SOIL STOCKPILES, AND ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

ADDENDUMS / REVISIONS



US 301  
 LEVELS ROAD  
 TO SUMMIT BRIDGE ROAD

CONTRACT	BRIDGE NO.	
T20091303	DESIGNED BY:	JW
COUNTY	CHECKED BY:	SF
NEW CASTLE		

CONSTRUCTION PHASING,  
 M.O.T., AND EROSION  
 CONTROL PLAN - STAGE 2

CS-27
SHEET NO.
888
TOTAL SHTS.
1256

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TEMPORARY PIPE			
NO.	SIZE	TYPE	LENGTH
T-3	24"	CMP	50 LF
T-4	18"	CMP	50 LF
T-6	48"	CMP	70 LF

EROSION CONTROL BLANKET				
NO.	SY	LENGTH	WIDTH	TYPE
205	3611	700 LF	50 LF	3
207	3292	750 LF	50 LF	3
208	364	700 LF	30 LF	3

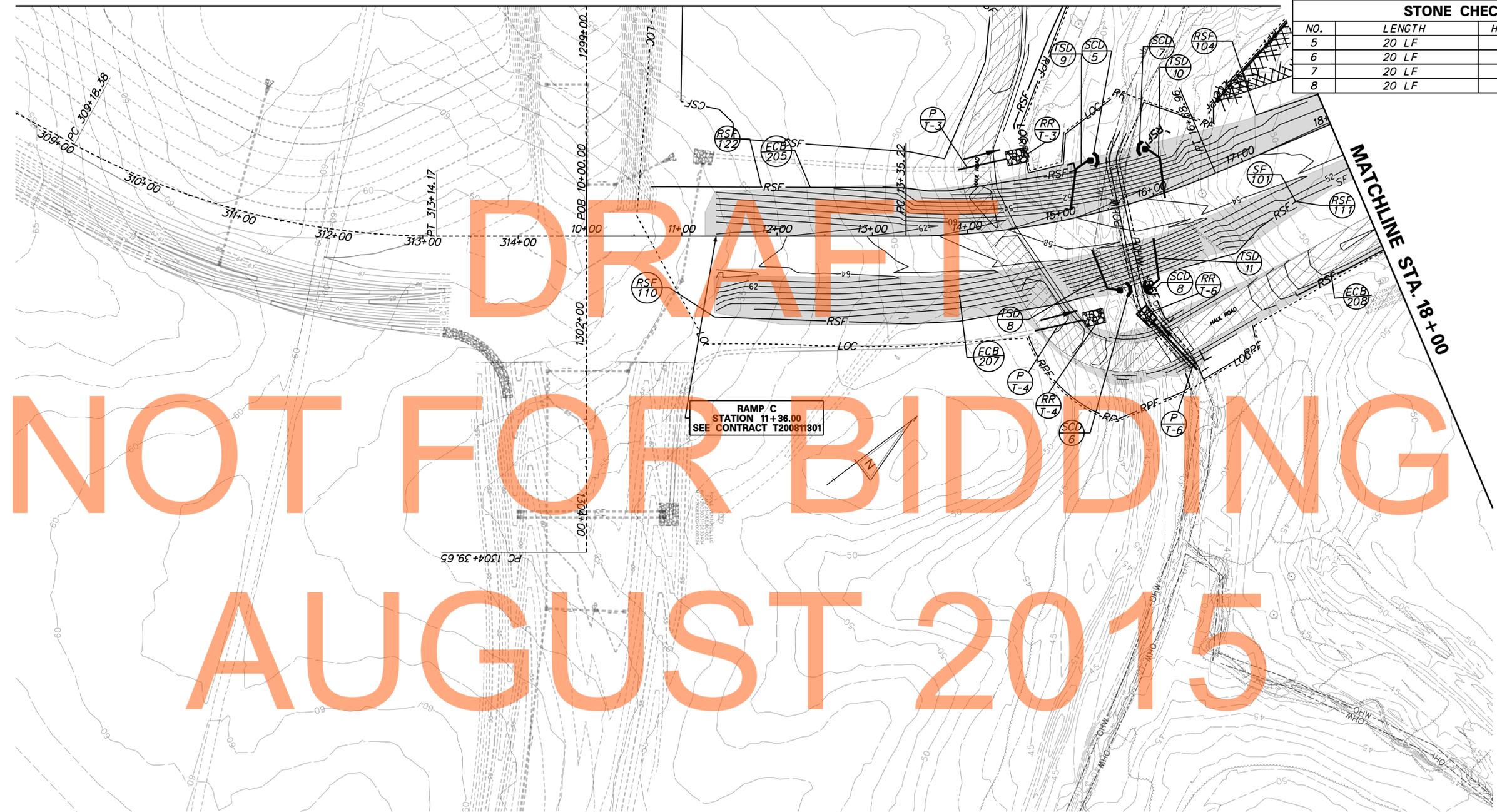
SILT FENCE			
NO.	STATION FROM	STATION TO	LENGTH
101	17+35	18+00	68 LF

SEEDING QUANTITIES			
ITEM NO.	ITEM	QTY.	UNITS
734017	TEMPORARY SEEDING, DRY GROUND	7567	SY

REINFORCED SILT FENCE			
NO.	STATION FROM	STATION TO	LENGTH
104	16+84	18+00	69 LF
110	11+34	14+16	401 LF
111	16+00	17+35	146 LF
122	10+60	15+20	442 LF

MATCHLINE SHEET 887

STONE CHECK DAM				
NO.	LENGTH	HEIGHT	QTY.	UNITS
5	20 LF	2'	5	TON
6	20 LF	2'	5	TON
7	20 LF	2'	5	TON
8	20 LF	2'	5	TON



TEMPORARY SLOPE DRAIN			
NO.	PIPE SIZE	LENGTH	DA
8	12"	60 LF	0.44
9	12"	53 LF	0.35
10	12"	56 LF	0.32
11	12"	55 LF	0.50

TEMPORARY RIPRAP OUTLET PROTECTION						
NO.	SY	LENGTH	WIDTH	TYPE	CY	DEPTH
RR T-3	37	22	15	R-4	16	14"
RR T-4	37	22	15	R-4	16	14"
RR T-6	28	18	14	R-4	12	14"

NOTE:  
 FOLLOWING SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN 14 CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER SEDIMENT CONTROLS, SOIL STOCKPILES, AND ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.



ADDENDUMS / REVISIONS



US 301  
 LEVELS ROAD  
 TO SUMMIT BRIDGE ROAD

CONTRACT	BRIDGE NO.	
T20091303	DESIGNED BY:	JW
COUNTY	CHECKED BY:	SF
NEW CASTLE		

CONSTRUCTION PHASING,  
 M.O.T., AND EROSION  
 CONTROL PLAN - STAGE 2

CS-28
SHEET NO.
889
TOTAL SHTS.
1256

REINFORCED SILT FENCE			
NO.	STATION FROM	STATION TO	LENGTH
103	306+00	308+65	291 LF
104	306+00	308+65	288 LF
112	313+63	314+24	75 LF
113	314+38	315+07	83 LF
114	316+16	316+39	30 LF
115	316+28	316+88	70 LF
116	316+80	317+99	122 LF

TEMPORARY PIPE			
NO.	SIZE	TYPE	LENGTH
T-5	60"	CMP	70 LF
T-7	18"	CMP	94 LF

EROSION CONTROL BLANKET				
NO.	SY	LENGTH	WIDTH	TYPE
204	846	240 LF	60 LF	3
205	1373	480 LF	50 LF	3
206	3138	600 LF	60 LF	2
207	3700	720 LF	60 LF	3
208	10183	150 LF	140 LF	3
210	2054	800 LF	40 LF	3
211	3556	700 LF	60 LF	2

SEEDING QUANTITIES			
ITEM NO.	ITEM	QTY.	UNITS
734017	TEMPORARY SEEDING, DRY GROUND	26295	SY



TEMPORARY RIPRAP OUTLET PROTECTION						
NO.	SY	LENGTH	WIDTH	TYPE	CY	DEPTH
RR T-5	37	22	15	R-4	16	14"
RR T-7	45	16	25	R-4	20	14"

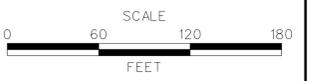
SILT FENCE			
NO.	STATION FROM	STATION TO	LENGTH
101	306+00	306+69	82 LF
102	314+00	320+41	641 LF

NOTE:  
 FOLLOWING SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN 14 CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER SEDIMENT CONTROLS, SOIL STOCKPILES, AND ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

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ADDENDUMS / REVISIONS



**US 301  
 LEVELS ROAD  
 TO SUMMIT BRIDGE ROAD**

CONTRACT	BRIDGE NO.	
T20091303	DESIGNED BY:	JW
COUNTY	CHECKED BY:	SF
NEW CASTLE		

**CONSTRUCTION PHASING,  
 M.O.T., AND EROSION  
 CONTROL PLAN - STAGE 2**

CS-29
SHEET NO.
890
TOTAL SHTS.
1256