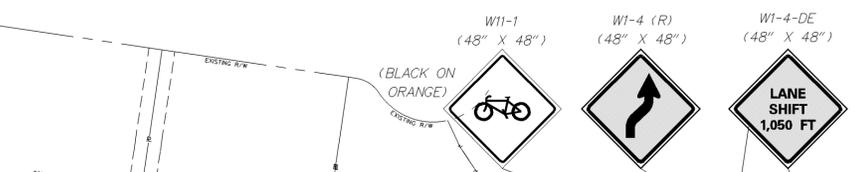
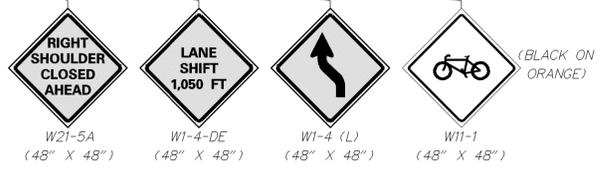
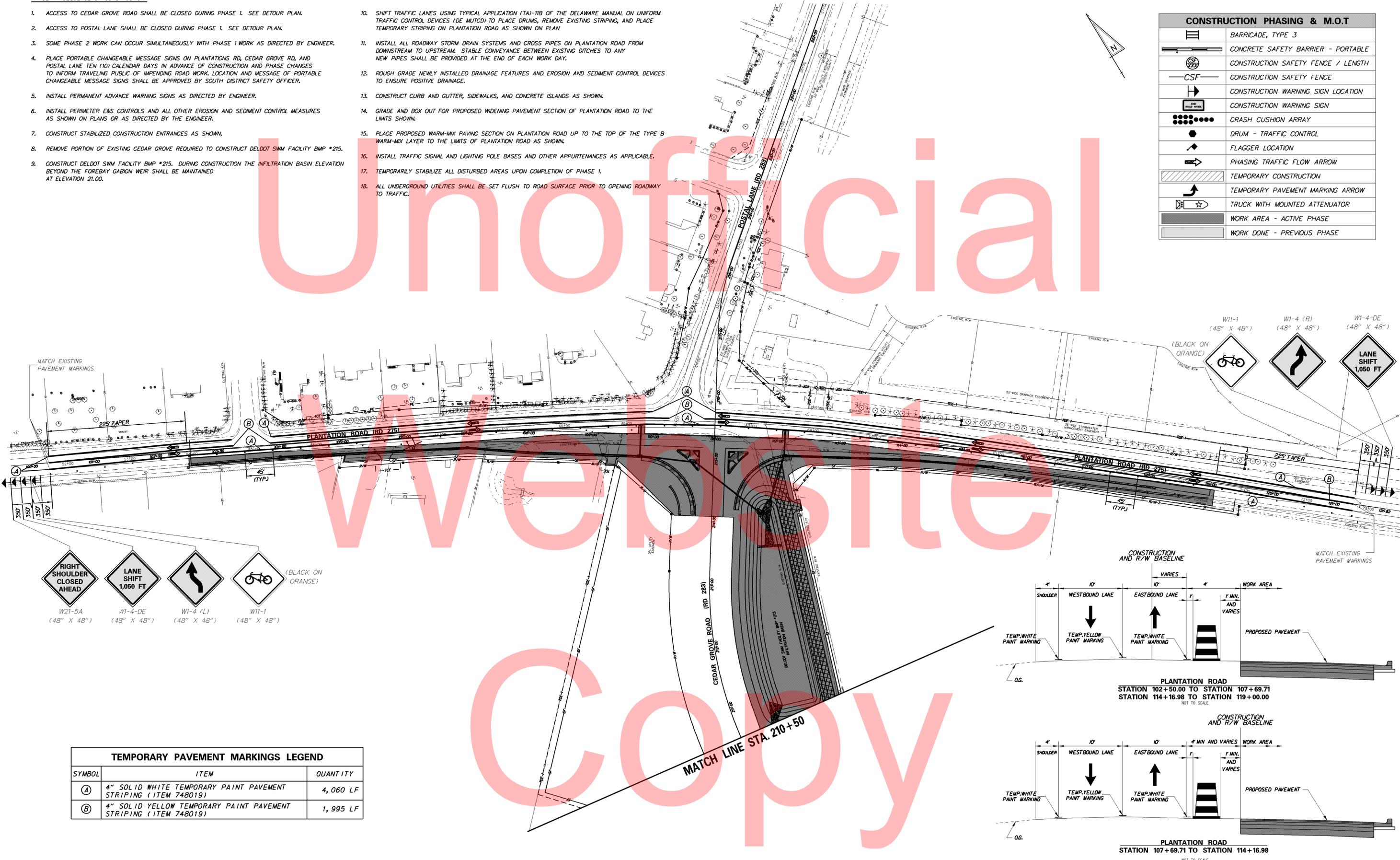


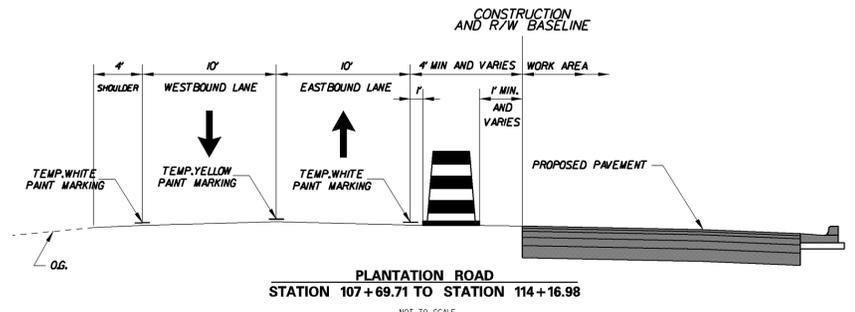
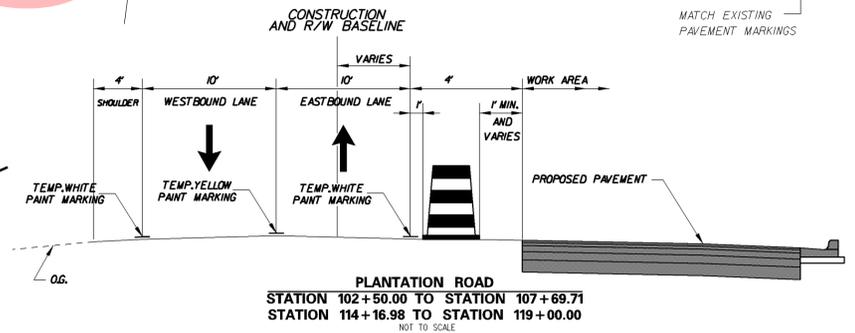
PHASE 1 - SEQUENCE OF CONSTRUCTION

1. ACCESS TO CEDAR GROVE ROAD SHALL BE CLOSED DURING PHASE 1. SEE DETOUR PLAN.
2. ACCESS TO POSTAL LANE SHALL BE CLOSED DURING PHASE 1. SEE DETOUR PLAN.
3. SOME PHASE 2 WORK CAN OCCUR SIMULTANEOUSLY WITH PHASE 1 WORK AS DIRECTED BY ENGINEER.
4. PLACE PORTABLE CHANGEABLE MESSAGE SIGNS ON PLANTATIONS RD, CEDAR GROVE RD, AND POSTAL LANE TEN (10) CALENDAR DAYS IN ADVANCE OF CONSTRUCTION AND PHASE CHANGES TO INFORM TRAVELING PUBLIC OF IMPENDING ROAD WORK. LOCATION AND MESSAGE OF PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE APPROVED BY SOUTH DISTRICT SAFETY OFFICER.
5. INSTALL PERMANENT ADVANCE WARNING SIGNS AS DIRECTED BY ENGINEER.
6. INSTALL PERIMETER E&S CONTROLS AND ALL OTHER EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER.
7. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCES AS SHOWN.
8. REMOVE PORTION OF EXISTING CEDAR GROVE REQUIRED TO CONSTRUCT DELDOT SWM FACILITY BMP #215.
9. CONSTRUCT DELDOT SWM FACILITY BMP #215. DURING CONSTRUCTION THE INFILTRATION BASIN ELEVATION BEYOND THE FOREBAY GABION WEIR SHALL BE MAINTAINED AT ELEVATION 21.00.
10. SHIFT TRAFFIC LANES USING TYPICAL APPLICATION (TA)-11B OF THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (DE MUTCD) TO PLACE DRUMS, REMOVE EXISTING STRIPING, AND PLACE TEMPORARY STRIPING ON PLANTATION ROAD AS SHOWN ON PLAN.
11. INSTALL ALL ROADWAY STORM DRAIN SYSTEMS AND CROSS PIPES ON PLANTATION ROAD FROM DOWNSTREAM TO UPSTREAM. STABLE CONVEYANCE BETWEEN EXISTING DITCHES TO ANY NEW PIPES SHALL BE PROVIDED AT THE END OF EACH WORK DAY.
12. ROUGH GRADE NEWLY INSTALLED DRAINAGE FEATURES AND EROSION AND SEDIMENT CONTROL DEVICES TO ENSURE POSITIVE DRAINAGE.
13. CONSTRUCT CURB AND GUTTER, SIDEWALKS, AND CONCRETE ISLANDS AS SHOWN.
14. GRADE AND BOX OUT FOR PROPOSED WIDENING PAVEMENT SECTION OF PLANTATION ROAD TO THE LIMITS SHOWN.
15. PLACE PROPOSED WARM-MIX PAVING SECTION ON PLANTATION ROAD UP TO THE TOP OF THE TYPE B WARM-MIX LAYER TO THE LIMITS OF PLANTATION ROAD AS SHOWN.
16. INSTALL TRAFFIC SIGNAL AND LIGHTING POLE BASES AND OTHER APPURTENANCES AS APPLICABLE.
17. TEMPORARILY STABILIZE ALL DISTURBED AREAS UPON COMPLETION OF PHASE 1.
18. ALL UNDERGROUND UTILITIES SHALL BE SET FLUSH TO ROAD SURFACE PRIOR TO OPENING ROADWAY TO TRAFFIC.

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
	WORK DONE - PREVIOUS PHASE



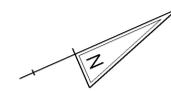
TEMPORARY PAVEMENT MARKINGS LEGEND		
SYMBOL	ITEM	QUANTITY
(A)	4" SOLID WHITE TEMPORARY PAINT PAVEMENT STRIPING (ITEM 748019)	4,060 LF
(B)	4" SOLID YELLOW TEMPORARY PAINT PAVEMENT STRIPING (ITEM 748019)	1,995 LF



PHASE 2 - SEQUENCE OF CONSTRUCTION

1. ACCESS TO CEDAR GROVE ROAD SHALL BE CLOSED DURING PHASE 2. SEE DETOUR PLAN.
2. ACCESS TO POSTAL LANE SHALL BE CLOSED DURING PHASE 2. SEE DETOUR PLAN.
3. PLACE PORTABLE CHANGEABLE MESSAGE SIGNS ON PLANTATIONS RD, CEDAR GROVE RD, AND POSTAL LANE TEN (10) CALENDAR DAYS IN ADVANCE OF CONSTRUCTION AND PHASE CHANGES TO INFORM TRAVELING PUBLIC OF IMPENDING ROAD WORK. LOCATION AND MESSAGES OF PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE COORDINATED AND APPROVED BY SOUTH DISTRICT SAFETY OFFICER.
4. INSTALL PERMANENT ADVANCE WARNING SIGNS AS DIRECTED BY ENGINEER.
5. INSTALL PERIMETER E&S CONTROLS AND ALL OTHER EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER.
6. SHIFT TRAFFIC LANES USING TYPICAL APPLICATION (TA)-11B OF THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (DE MUTCD) TO PLACE DRUMS, REMOVE EXISTING STRIPING, AND PLACE TEMPORARY STRIPING ON PLANTATION ROAD AS SHOWN ON PLAN
7. INSTALL ALL ROADWAY STORM DRAIN SYSTEMS AND CROSS PIPES ON PLANTATION ROAD AND POSTAL LANE FROM DOWNSTREAM TO UPSTREAM. COMPLETE SIDE SLOPE CONSTRUCTION TO INCLUDE TOPSOIL AND SEEDING.
8. ROUGH GRADE NEWLY INSTALLED DRAINAGE FEATURES AND EROSION AND SEDIMENT CONTROL DEVICES TO ENSURE POSITIVE DRAINAGE.

9. CONSTRUCT CURB AND GUTTER, SIDEWALKS, AND CONCRETE ISLANDS FOR POSTAL LANE AND PLANTATION ROAD AS SHOWN.
10. GRADE AND BOX OUT FOR PROPOSED POSTAL LANE PAVEMENT SECTION AND PLANTATION ROAD TIE-IN TO THE LIMITS SHOWN.
11. PLACE PROPOSED WARM-MIX PAVING SECTION ON POSTAL LANE AND PLANTATION ROAD UP TO THE TOP OF THE TYPE B WARM-MIX LAYER TO THE LIMITS SHOWN.
12. PLACE TYPE C WARM-MIX LAYER ON PROPOSED POSTAL LANE FROM STA. 215+52.89 TO STA. 221+50.00 AND THE PLANTATION ROAD TIE-IN FROM STA. 109+71.37 TO STA. 112+18.40, OR, AS DIRECTED BY ENGINEER.
13. PLACE PERMANENT STRIPING ON PROPOSED RELOCATED POSTAL LANE AS DIRECTED BY ENGINEER ACCORDING TO SIGNING/STRIPING PLANS
14. PLACE PERMANENT TRAFFIC SIGNS ON PROPOSED POSTAL LANE AS SHOWN ON SIGNING/STRIPING PLANS.
15. INSTALL TRAFFIC SIGNAL AND LIGHTING POLE BASES AND OTHER APPURTENANCES AS APPLICABLE.
16. TEMPORARILY STABILIZE ALL DISTURBED AREAS UPON COMPLETION OF PHASE 2.
17. ALL UNDERGROUND UTILITIES SHALL BE SET FLUSH TO ROAD SURFACE PRIOR TO OPENING ROADWAY TO TRAFFIC.
18. ALL PHASE 2 WORK IS TO BE COMPLETED BY MAY 15, 2015



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
	WORK DONE - PREVIOUS PHASE



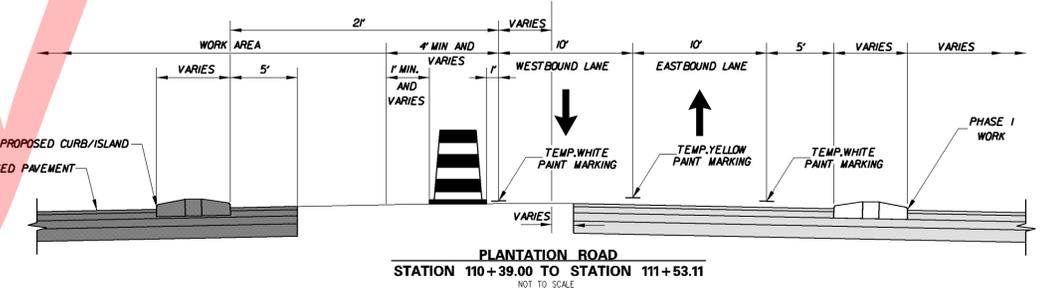
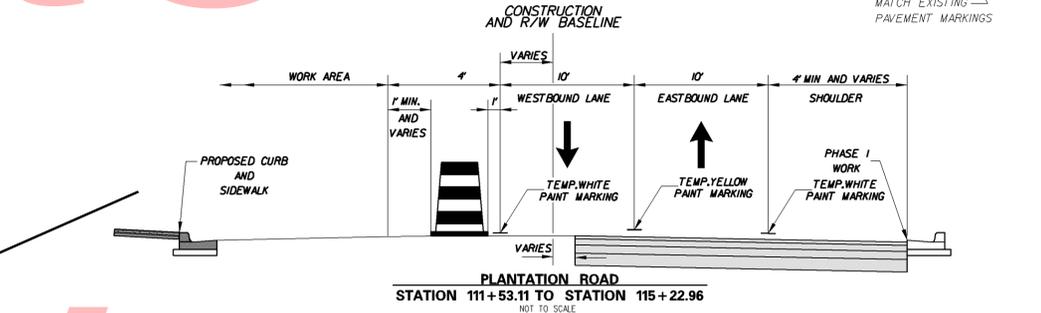
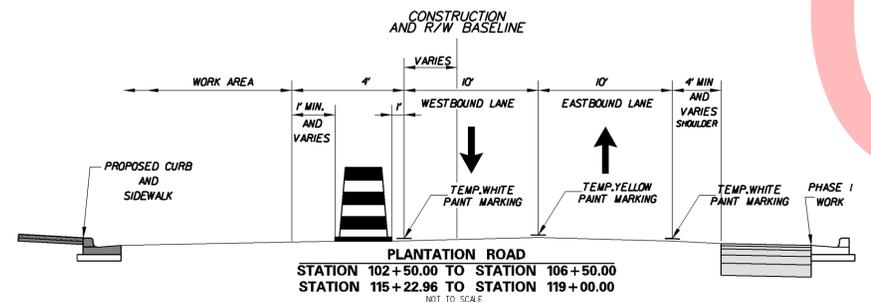
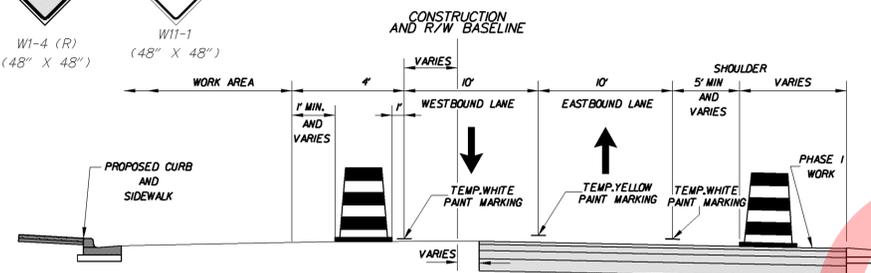
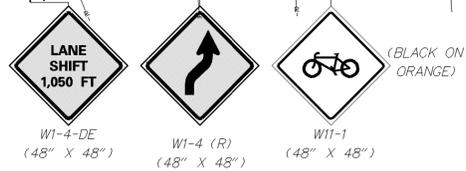
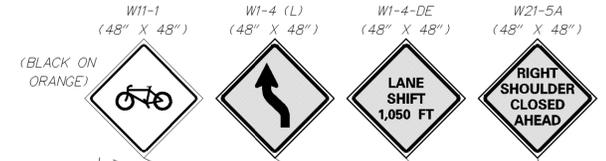
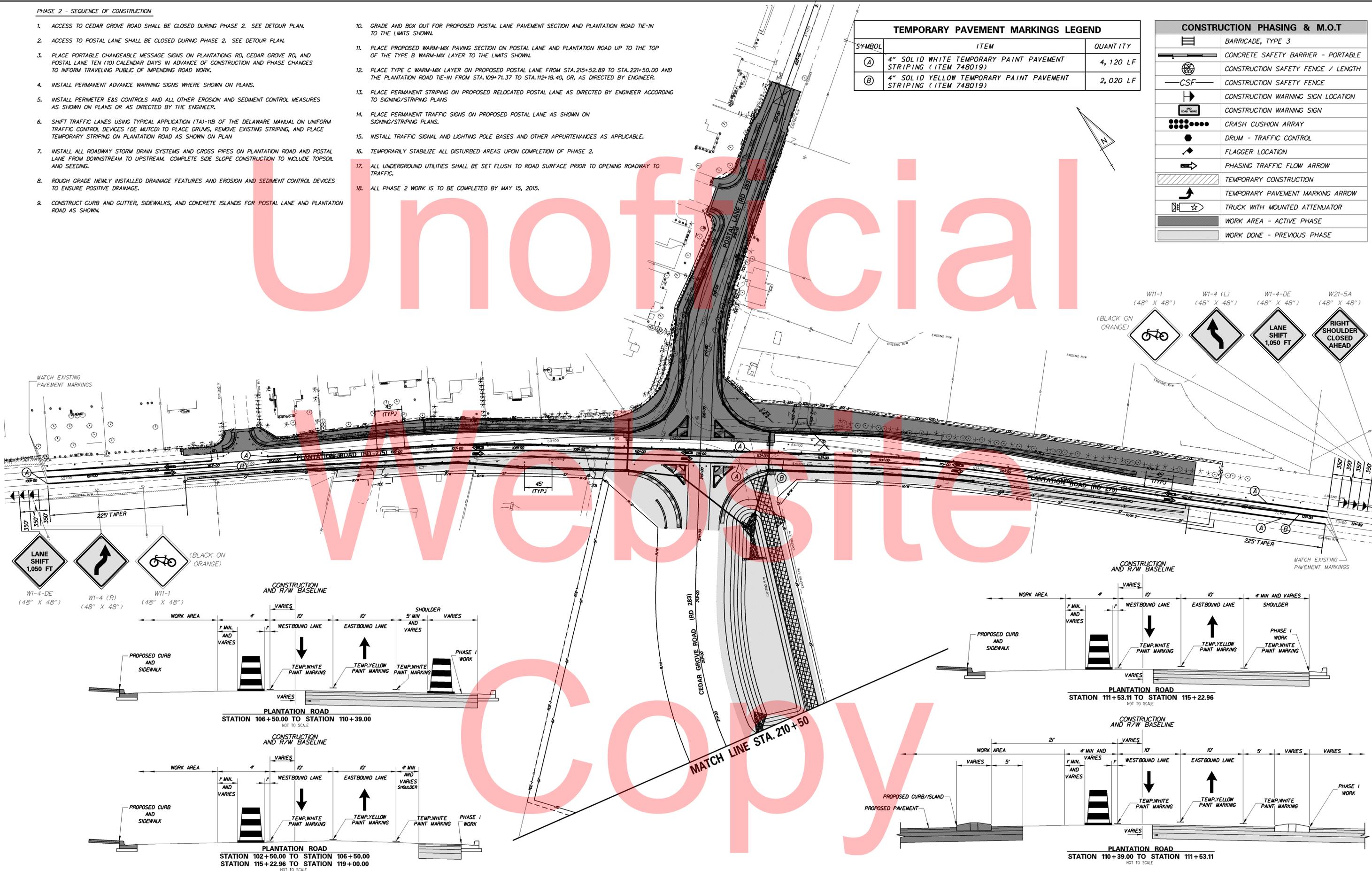
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PHASE 2 - SEQUENCE OF CONSTRUCTION

- ACCESS TO CEDAR GROVE ROAD SHALL BE CLOSED DURING PHASE 2. SEE DETOUR PLAN.
- ACCESS TO POSTAL LANE SHALL BE CLOSED DURING PHASE 2. SEE DETOUR PLAN.
- PLACE PORTABLE CHANGEABLE MESSAGE SIGNS ON PLANTATIONS RD, CEDAR GROVE RD, AND POSTAL LANE TEN (10) CALENDAR DAYS IN ADVANCE OF CONSTRUCTION AND PHASE CHANGES TO INFORM TRAVELING PUBLIC OF IMPENDING ROAD WORK.
- INSTALL PERMANENT ADVANCE WARNING SIGNS WHERE SHOWN ON PLANS.
- INSTALL PERIMETER E&S CONTROLS AND ALL OTHER EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER.
- SHIFT TRAFFIC LANES USING TYPICAL APPLICATION (TA)-11B OF THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (DE MUTCD) TO PLACE DRUMS, REMOVE EXISTING STRIPING, AND PLACE TEMPORARY STRIPING ON PLANTATION ROAD AS SHOWN ON PLAN.
- INSTALL ALL ROADWAY STORM DRAIN SYSTEMS AND CROSS PIPES ON PLANTATION ROAD AND POSTAL LANE FROM DOWNSTREAM TO UPSTREAM. COMPLETE SIDE SLOPE CONSTRUCTION TO INCLUDE TOPSOIL AND SEEDING.
- ROUGH GRADE NEWLY INSTALLED DRAINAGE FEATURES AND EROSION AND SEDIMENT CONTROL DEVICES TO ENSURE POSITIVE DRAINAGE.
- CONSTRUCT CURB AND GUTTER, SIDEWALKS, AND CONCRETE ISLANDS FOR POSTAL LANE AND PLANTATION ROAD AS SHOWN.
- GRADE AND BOX OUT FOR PROPOSED POSTAL LANE PAVEMENT SECTION AND PLANTATION ROAD TIE-IN TO THE LIMITS SHOWN.
- PLACE PROPOSED WARM-MIX PAVING SECTION ON POSTAL LANE AND PLANTATION ROAD UP TO THE TOP OF THE TYPE B WARM-MIX LAYER TO THE LIMITS SHOWN.
- PLACE TYPE C WARM-MIX LAYER ON PROPOSED POSTAL LANE FROM STA.215+52.89 TO STA.221+50.00 AND THE PLANTATION ROAD TIE-IN FROM STA.109+71.37 TO STA.112+18.40, OR, AS DIRECTED BY ENGINEER.
- PLACE PERMANENT STRIPING ON PROPOSED RELOCATED POSTAL LANE AS DIRECTED BY ENGINEER ACCORDING TO SIGNING/STRIPING PLANS.
- PLACE PERMANENT TRAFFIC SIGNS ON PROPOSED POSTAL LANE AS SHOWN ON SIGNING/STRIPING PLANS.
- INSTALL TRAFFIC SIGNAL AND LIGHTING POLE BASES AND OTHER APPURTENANCES AS APPLICABLE.
- TEMPORARILY STABILIZE ALL DISTURBED AREAS UPON COMPLETION OF PHASE 2.
- ALL UNDERGROUND UTILITIES SHALL BE SET FLUSH TO ROAD SURFACE PRIOR TO OPENING ROADWAY TO TRAFFIC.
- ALL PHASE 2 WORK IS TO BE COMPLETED BY MAY 15, 2015.

TEMPORARY PAVEMENT MARKINGS LEGEND		
SYMBOL	ITEM	QUANTITY
(A)	4" SOLID WHITE TEMPORARY PAINT PAVEMENT STRIPING (ITEM 748019)	4,120 LF
(B)	4" SOLID YELLOW TEMPORARY PAINT PAVEMENT STRIPING (ITEM 748019)	2,020 LF

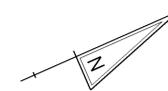
CONSTRUCTION PHASING & M.O.T	
	BARRICADE, TYPE 3
	CONCRETE SAFETY BARRIER - PORTABLE
	CONSTRUCTION SAFETY FENCE / LENGTH
	CONSTRUCTION SAFETY FENCE
	CONSTRUCTION WARNING SIGN LOCATION
	CONSTRUCTION WARNING SIGN
	CRASH CUSHION ARRAY
	DRUM - TRAFFIC CONTROL
	FLAGGER LOCATION
	PHASING TRAFFIC FLOW ARROW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



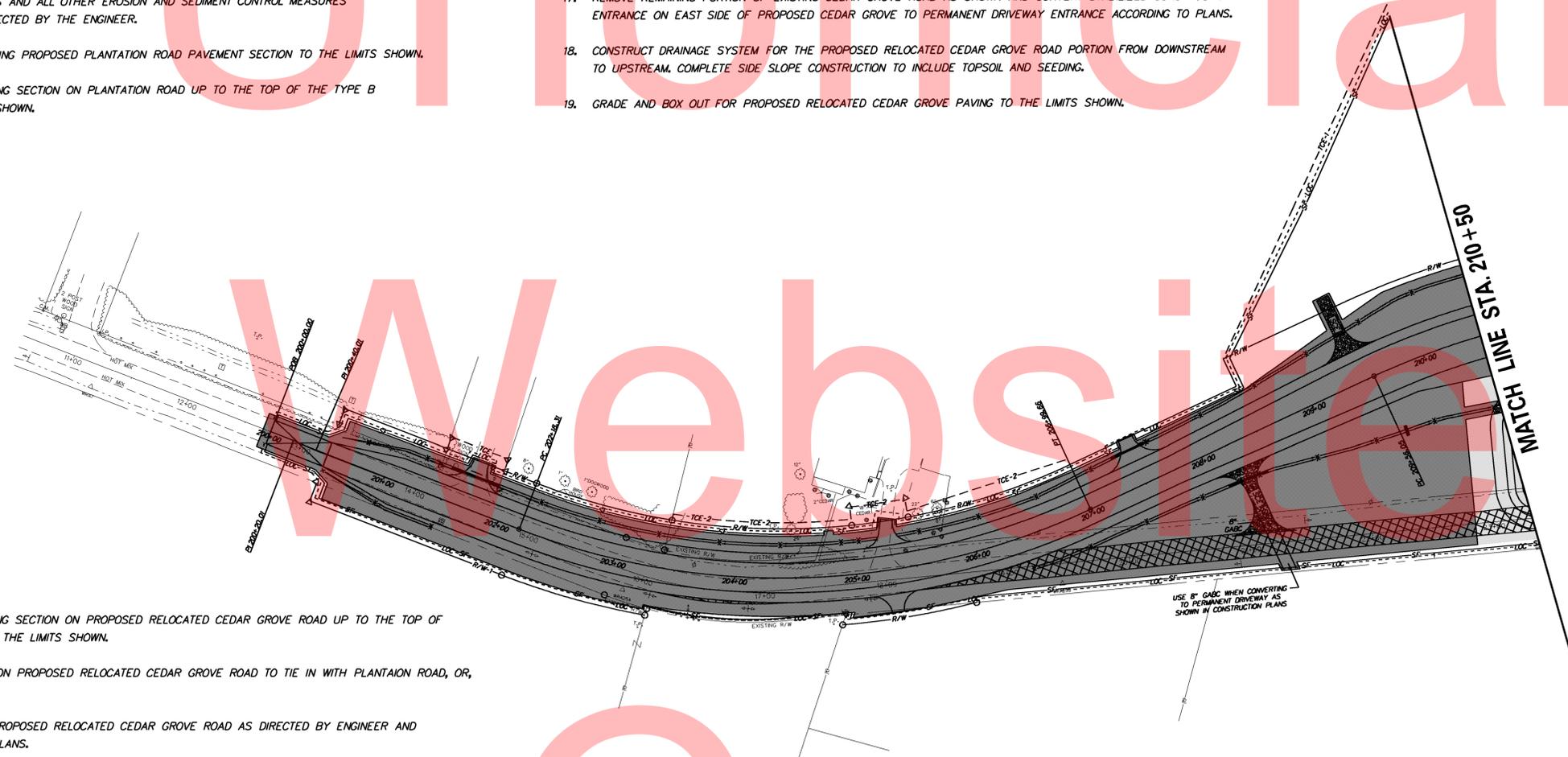
PHASE 3 - SEQUENCE OF CONSTRUCTION

1. ACCESS TO PLANTATION ROAD WITHIN PROJECT LIMITS SHALL BE CLOSED FROM 8:00 P.M. FRIDAY TO 5:00 A.M. MONDAY TO COMPLETE THE PROPOSED PAVING SECTION AND PERMANENT STRIPING FOR PLANTATION ROAD TO THE LIMITS SHOWN. SEE DETOUR PLAN. THE COMPLETE PAVING OPERATION OF PLANTATION ROAD SHALL BE CONTINUOUS FOR 57 HOURS AND MUST BE COMPLETED AT FIRST AVAILABLE AND ALLOWABLE TIME PERIOD AS DIRECTED BY THE ENGINEER.
2. ACCESS TO CEDAR GROVE ROAD FROM PLANTATION ROAD SHALL BE CLOSED DURING PHASE 3. SEE DETOUR PLAN.
3. ACCESS TO POSTAL LANE FROM PLANTATION ROAD SHALL BE CLOSED DURING THE PLANTATION ROAD DETOUR FOR PHASE 3. SEE DETOUR PLAN. ACCESS SHALL BE PERMITTED TO LINDEN LANE ON POSTAL LANE FOR LOCAL TRAFFIC USING THE SANDY BRAE ENTRANCE.
4. PLACE PORTABLE CHANGEABLE MESSAGE SIGNS ON PLANTATIONS RD, CEDAR GROVE RD, AND POSTAL LANE TEN (10) CALENDAR DAYS IN ADVANCE OF CONSTRUCTION AND PHASE CHANGES TO INFORM TRAVELING PUBLIC OF IMPENDING ROAD WORK. LOCATION AND MESSAGE OF PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE COORDINATED AND APPROVED BY SOUTH DISTRICT SAFETY OFFICER.
5. INSTALL PERMANENT ADVANCE WARNING SIGNS AS DIRECTED BY ENGINEER PRIOR TO ROAD OPENING.
6. INSTALL PERIMETER E&S CONTROLS AND ALL OTHER EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER.
7. GRADE AND BOX OUT FOR REMAINING PROPOSED PLANTATION ROAD PAVEMENT SECTION TO THE LIMITS SHOWN.
8. PLACE PROPOSED WARM-MIX PAVING SECTION ON PLANTATION ROAD UP TO THE TOP OF THE TYPE B WARM-MIX LAYER TO THE LIMITS SHOWN.

9. PLACE TYPE C WARM-MIX LAYER ON PLANTATION ROAD AND THE TIE-IN SECTIONS OF CEDAR GROVE ROAD AND POSTAL LANE.
10. PLACE PERMANENT STRIPING ON PLANTATION ROAD AND TIE-IN PORTIONS OF CEDAR GROVE ROAD AND POSTAL LANE ACCORDING TO SIGNING/STRIPING PLANS.
11. PLACE PERMANENT TRAFFIC SIGNS ON PLANTATION ROAD AS SHOWN ON SIGNING/STRIPING PLANS.
12. COMPLETE ANY REMAINING TRAFFIC SIGNAL AND LIGHTING CONSTRUCTION AS SHOWN ON SIGNAL PLANS AND LIGHTING PLANS BEFORE OPENING TO TRAFFIC.
13. ALL UNDERGROUND UTILITIES SHALL BE SET FLUSH TO ROAD SURFACE PRIOR TO OPENING ROADWAY TO TRAFFIC.
14. ALL PHASE 3 WORK ON PLANTATION ROAD IS TO BE COMPLETED BY MAY 15, 2015.
15. AFTER COMPLETION OF THE 57 HOUR CONSTRUCTION CLOSURE OPEN PLANTATION ROAD AND POSTAL LANE TO ALL TRAFFIC.
16. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE ON WEST SIDE OF PROPOSED CEDAR GROVE.
17. REMOVE REMAINING PORTION OF EXISTING CEDAR GROVE ROAD AS SHOWN AND CONVERT STABILIZED CONSTRUCTION ENTRANCE ON EAST SIDE OF PROPOSED CEDAR GROVE TO PERMANENT DRIVEWAY ENTRANCE ACCORDING TO PLANS.
18. CONSTRUCT DRAINAGE SYSTEM FOR THE PROPOSED RELOCATED CEDAR GROVE ROAD PORTION FROM DOWNSTREAM TO UPSTREAM. COMPLETE SIDE SLOPE CONSTRUCTION TO INCLUDE TOPSOIL AND SEEDING.
19. GRADE AND BOX OUT FOR PROPOSED RELOCATED CEDAR GROVE PAVING TO THE LIMITS SHOWN.



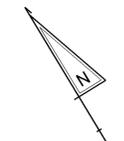
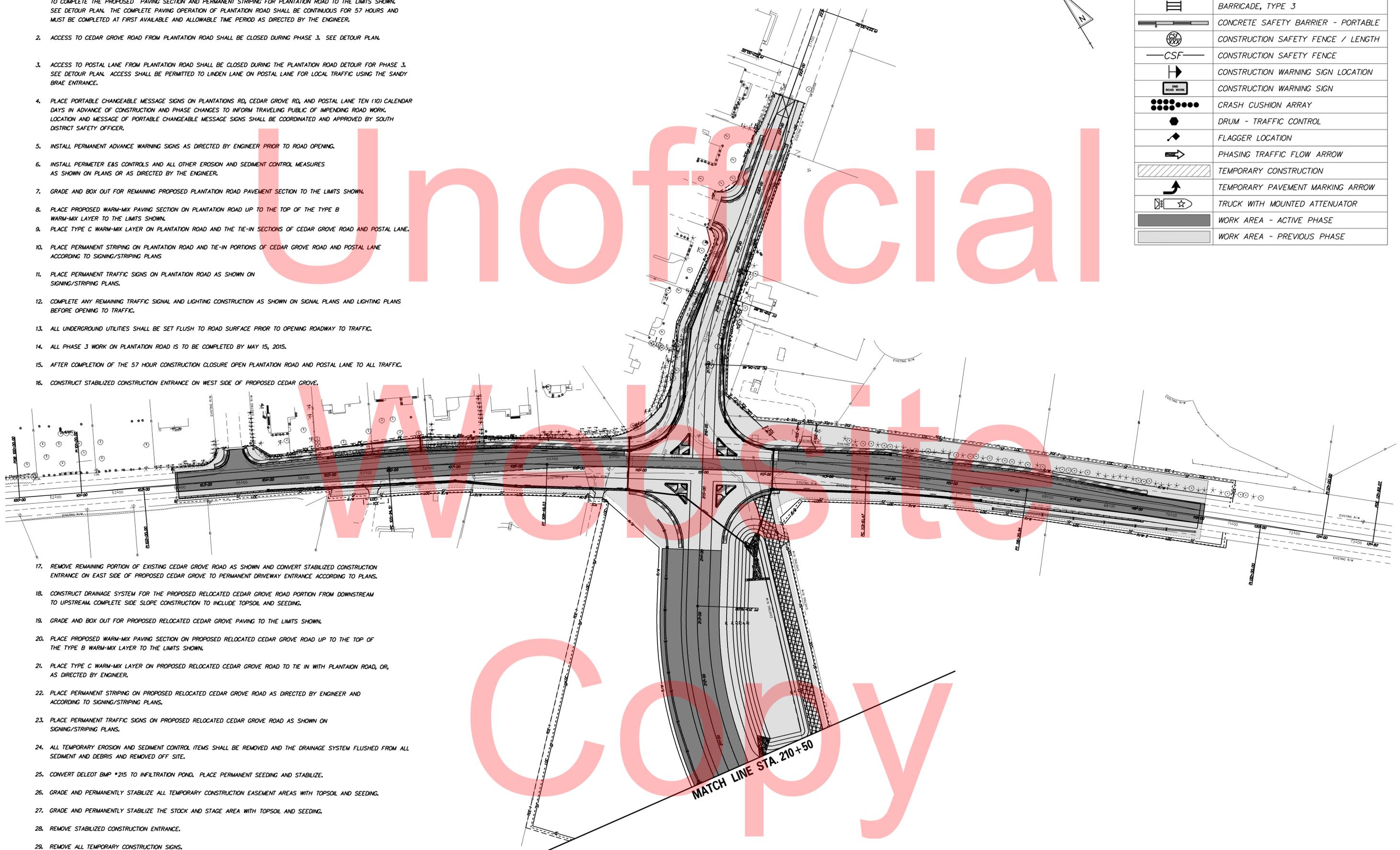
CONSTRUCTION PHASING & M.O.T	
	BARRICADE, TYPE 3
	CONCRETE SAFETY BARRIER - PORTABLE
	CONSTRUCTION SAFETY FENCE / LENGTH
	CONSTRUCTION SAFETY FENCE
	CONSTRUCTION WARNING SIGN LOCATION
	CONSTRUCTION WARNING SIGN
	CRASH CUSHION ARRAY
	DRUM - TRAFFIC CONTROL
	FLAGGER LOCATION
	PHASING TRAFFIC FLOW ARROW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



20. PLACE PROPOSED WARM-MIX PAVING SECTION ON PROPOSED RELOCATED CEDAR GROVE ROAD UP TO THE TOP OF THE TYPE B WARM-MIX LAYER TO THE LIMITS SHOWN.
21. PLACE TYPE C WARM-MIX LAYER ON PROPOSED RELOCATED CEDAR GROVE ROAD TO TIE IN WITH PLANTAION ROAD, OR, AS DIRECTED BY ENGINEER.
22. PLACE PERMANENT STRIPING ON PROPOSED RELOCATED CEDAR GROVE ROAD AS DIRECTED BY ENGINEER AND ACCORDING TO SIGNING/STRIPING PLANS.
23. PLACE PERMANENT TRAFFIC SIGNS ON PROPOSED RELOCATED CEDAR GROVE ROAD AS SHOWN ON SIGNING/STRIPING PLANS.
24. ALL TEMPORARY EROSION AND SEDIMENT CONTROL ITEMS SHALL BE REMOVED AND THE DRAINAGE SYSTEM FLUSHED FROM ALL SEDIMENT AND DEBRIS AND REMOVED OFF SITE.
25. CONVERT DELEOT BMP #215 TO INFILTRATION POND. PLACE PERMANENT SEEDING AND STABILIZE.
26. GRADE AND PERMANENTLY STABILIZE ALL TEMPORARY CONSTRUCTION EASEMENT AREAS WITH TOPSOIL AND SEEDING.
27. GRADE AND PERMANENTLY STABILIZE THE STOCK AND STAGE AREA WITH TOPSOIL AND SEEDING.
28. REMOVE STABILIZED CONSTRUCTION ENTRANCE.
29. REMOVE ALL TEMPORARY CONSTRUCTION SIGNS.

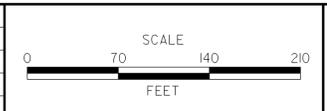
1. ACCESS TO PLANTATION ROAD WITHIN PROJECT LIMITS SHALL BE CLOSED FROM 8:00 P.M. FRIDAY TO 5:00 A.M. MONDAY TO COMPLETE THE PROPOSED PAVING SECTION AND PERMANENT STRIPING FOR PLANTATION ROAD TO THE LIMITS SHOWN. SEE DETOUR PLAN. THE COMPLETE PAVING OPERATION OF PLANTATION ROAD SHALL BE CONTINUOUS FOR 57 HOURS AND MUST BE COMPLETED AT FIRST AVAILABLE AND ALLOWABLE TIME PERIOD AS DIRECTED BY THE ENGINEER.
2. ACCESS TO CEDAR GROVE ROAD FROM PLANTATION ROAD SHALL BE CLOSED DURING PHASE 3. SEE DETOUR PLAN.
3. ACCESS TO POSTAL LANE FROM PLANTATION ROAD SHALL BE CLOSED DURING THE PLANTATION ROAD DETOUR FOR PHASE 3. SEE DETOUR PLAN. ACCESS SHALL BE PERMITTED TO LINDEN LANE ON POSTAL LANE FOR LOCAL TRAFFIC USING THE SANDY BRAE ENTRANCE.
4. PLACE PORTABLE CHANGEABLE MESSAGE SIGNS ON PLANTATIONS RD, CEDAR GROVE RD, AND POSTAL LANE TEN (10) CALENDAR DAYS IN ADVANCE OF CONSTRUCTION AND PHASE CHANGES TO INFORM TRAVELING PUBLIC OF IMPENDING ROAD WORK. LOCATION AND MESSAGE OF PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE COORDINATED AND APPROVED BY SOUTH DISTRICT SAFETY OFFICER.
5. INSTALL PERMANENT ADVANCE WARNING SIGNS AS DIRECTED BY ENGINEER PRIOR TO ROAD OPENING.
6. INSTALL PERIMETER EBS CONTROLS AND ALL OTHER EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER.
7. GRADE AND BOX OUT FOR REMAINING PROPOSED PLANTATION ROAD PAVEMENT SECTION TO THE LIMITS SHOWN.
8. PLACE PROPOSED WARM-MIX PAVING SECTION ON PLANTATION ROAD UP TO THE TOP OF THE TYPE B WARM-MIX LAYER TO THE LIMITS SHOWN.
9. PLACE TYPE C WARM-MIX LAYER ON PLANTATION ROAD AND THE TIE-IN SECTIONS OF CEDAR GROVE ROAD AND POSTAL LANE.
10. PLACE PERMANENT STRIPING ON PLANTATION ROAD AND TIE-IN PORTIONS OF CEDAR GROVE ROAD AND POSTAL LANE ACCORDING TO SIGNING/STRIPING PLANS.
11. PLACE PERMANENT TRAFFIC SIGNS ON PLANTATION ROAD AS SHOWN ON SIGNING/STRIPING PLANS.
12. COMPLETE ANY REMAINING TRAFFIC SIGNAL AND LIGHTING CONSTRUCTION AS SHOWN ON SIGNAL PLANS AND LIGHTING PLANS BEFORE OPENING TO TRAFFIC.
13. ALL UNDERGROUND UTILITIES SHALL BE SET FLUSH TO ROAD SURFACE PRIOR TO OPENING ROADWAY TO TRAFFIC.
14. ALL PHASE 3 WORK ON PLANTATION ROAD IS TO BE COMPLETED BY MAY 15, 2015.
15. AFTER COMPLETION OF THE 57 HOUR CONSTRUCTION CLOSURE OPEN PLANTATION ROAD AND POSTAL LANE TO ALL TRAFFIC.
16. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE ON WEST SIDE OF PROPOSED CEDAR GROVE.

17. REMOVE REMAINING PORTION OF EXISTING CEDAR GROVE ROAD AS SHOWN AND CONVERT STABILIZED CONSTRUCTION ENTRANCE ON EAST SIDE OF PROPOSED CEDAR GROVE TO PERMANENT DRIVEWAY ENTRANCE ACCORDING TO PLANS.
18. CONSTRUCT DRAINAGE SYSTEM FOR THE PROPOSED RELOCATED CEDAR GROVE ROAD PORTION FROM DOWNSTREAM TO UPSTREAM. COMPLETE SIDE SLOPE CONSTRUCTION TO INCLUDE TOPSOIL AND SEEDING.
19. GRADE AND BOX OUT FOR PROPOSED RELOCATED CEDAR GROVE PAVING TO THE LIMITS SHOWN.
20. PLACE PROPOSED WARM-MIX PAVING SECTION ON PROPOSED RELOCATED CEDAR GROVE ROAD UP TO THE TOP OF THE TYPE B WARM-MIX LAYER TO THE LIMITS SHOWN.
21. PLACE TYPE C WARM-MIX LAYER ON PROPOSED RELOCATED CEDAR GROVE ROAD TO TIE IN WITH PLANTATION ROAD, OR, AS DIRECTED BY ENGINEER.
22. PLACE PERMANENT STRIPING ON PROPOSED RELOCATED CEDAR GROVE ROAD AS DIRECTED BY ENGINEER AND ACCORDING TO SIGNING/STRIPING PLANS.
23. PLACE PERMANENT TRAFFIC SIGNS ON PROPOSED RELOCATED CEDAR GROVE ROAD AS SHOWN ON SIGNING/STRIPING PLANS.
24. ALL TEMPORARY EROSION AND SEDIMENT CONTROL ITEMS SHALL BE REMOVED AND THE DRAINAGE SYSTEM FLUSHED FROM ALL SEDIMENT AND DEBRIS AND REMOVED OFF SITE.
25. CONVERT DELETED BMP #215 TO INFILTRATION POND. PLACE PERMANENT SEEDING AND STABILIZE.
26. GRADE AND PERMANENTLY STABILIZE ALL TEMPORARY CONSTRUCTION EASEMENT AREAS WITH TOPSOIL AND SEEDING.
27. GRADE AND PERMANENTLY STABILIZE THE STOCK AND STAGE AREA WITH TOPSOIL AND SEEDING.
28. REMOVE STABILIZED CONSTRUCTION ENTRANCE.
29. REMOVE ALL TEMPORARY CONSTRUCTION SIGNS.



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
	WORK AREA - PREVIOUS PHASE

ADDENDUMS / REVISIONS



PLANTATION ROAD AT CEDAR GROVE RD/POSTAL LANE INTERSECTION IMPROVEMENTS

CONTRACT T200911201	BRIDGE NO. N/A
COUNTY SUSSEX	DESIGNED BY:
	CHECKED BY:

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 3	SHEET NO. 35
	TOTAL SHTS. 51

PORTABLE CHANGEABLE MESSAGE SIGNS

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

PCMS-1

CEDAR GROVE RD TO CLOSE

**STARTING
XXXXXX**

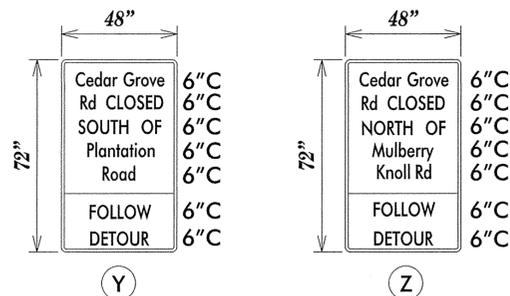
DURING DETOUR
(DISPLAY FOR 5 DAYS AFTER IMPLEMENTATION OF DETOUR)

PCMS-1

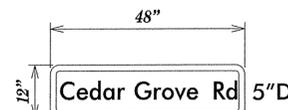
CEDAR GROVE RD CLOSED

**FOLLOW
DETOUR**

SPECIAL SIGNS

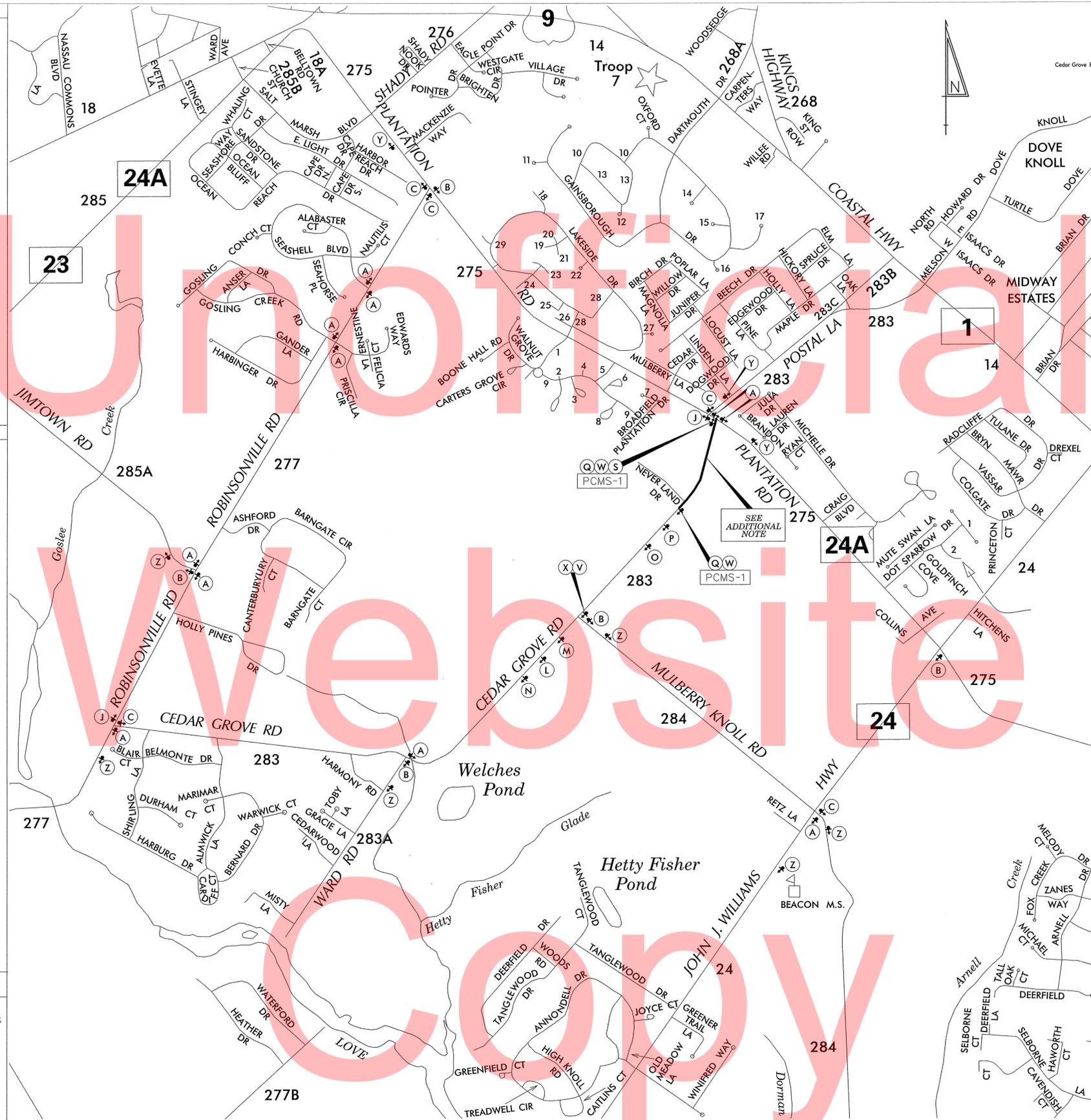


***DG RETROREFLECTIVE FLUORESCENT ORANGE BACKGROUND; BLACK LEGEND**



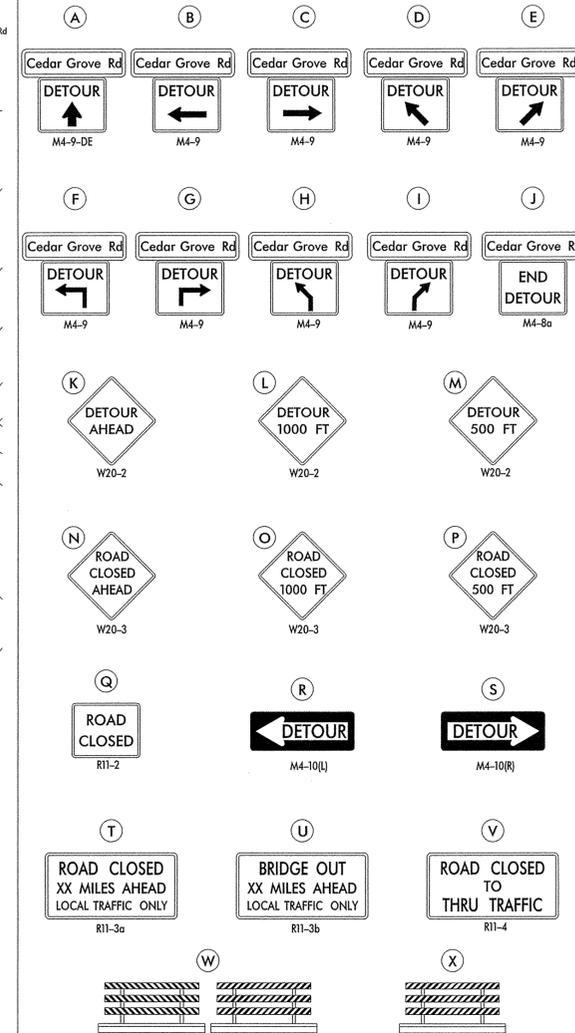
ADDITIONAL NOTE

1. CONTRACTOR SHALL, AT ALL TIMES, MAINTAIN LOCAL ACCESS FOR RESIDENTS THAT RESIDE WITHIN THE CLOSURE.



LEGEND

*SEE SPECIAL SIGN LEGEND FOR NAME PLAQUE SIZING



GENERAL NOTES

- 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.)
- 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.)
- DESIGN OF ALL SIGNS SHALL BE IN ACCORDANCE WITH THE FHWA STANDARD HIGHWAY SIGNS BOOK.
- 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.
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- "W" BARRICADES SHALL COMPLETELY RUN THE FULL WIDTH OF THE ROADWAY.
- BARRICADES SHALL BE A MINIMUM OF 6 FEET WIDE UNLESS DIRECTED BY THE ENGINEER.

RECOMMENDED *[Signature]* DATE: 11-25-13

RECOMMENDED _____ DATE: _____

RECOMMENDED *[Signature]* DATE: 11-25-13

APPROVED CHIEF SAFETY OFFICER *[Signature]* DATE: 12-4-13

APPROVED TRAFFIC ENGINEER *[Signature]* DATE: 12/4/13



ADDENDUM / REVISIONS

NOT TO SCALE

PLANTATION RD AT CEDAR GROVE RD/POSTAL LANE INTERSECTION IMPROVEMENTS

CONTRACT	ROAD NO.	S283
T200911201	DESIGNED BY: MFR	
COUNTY	CHECKED BY: ASW	
SUSSEX		

VEHICULAR DETOUR PLAN	SHEET NO.
CEDAR GROVE RD BETWEEN PLANTATION RD AND MULBERRY KNOLL RD	36
	TOTAL SHTS.
	51

PORTABLE CHANGEABLE MESSAGE SIGNS

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

PCMS-1

POSTAL LANE TO CLOSE

STARTING
XXXXXX

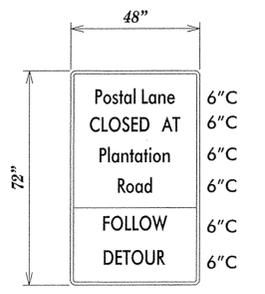
DURING DETOUR
(DISPLAY FOR 5 DAYS AFTER IMPLEMENTATION OF DETOUR)

PCMS-2

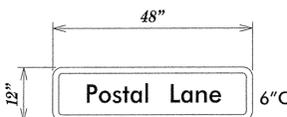
POSTAL LANE CLOSED

FOLLOW
DETOUR

SPECIAL SIGNS



***D/G RETROREFLECTIVE FLUORESCENT ORANGE BACKGROUND; BLACK LEGEND**



LEGEND

***SEE SPECIAL SIGN LEGEND FOR NAME PLAQUE SIZING**

(A) Postal Lane DETOUR M4-9-DE

(B) Postal Lane DETOUR M4-9

(C) Postal Lane DETOUR M4-9

(D) Postal Lane DETOUR M4-9

(E) Postal Lane DETOUR M4-9

(F) Postal Lane DETOUR M4-9

(G) Postal Lane DETOUR M4-9

(H) Postal Lane DETOUR M4-9

(I) Postal Lane DETOUR M4-9

(J) Postal Lane END DETOUR M4-8a

(K) DETOUR AHEAD W20-2

(L) DETOUR 1000 FT W20-2

(M) DETOUR 500 FT W20-2

(N) ROAD CLOSED AHEAD W20-3

(O) ROAD CLOSED 1000 FT W20-3

(P) ROAD CLOSED 500 FT W20-3

(Q) ROAD CLOSED R11-2

(R) DETOUR M4-10(L)

(S) DETOUR M4-10(R)

(T) ROAD CLOSED 3/4 MILES AHEAD LOCAL TRAFFIC ONLY R11-3a

(U) BRIDGE OUT XX MILES AHEAD LOCAL TRAFFIC ONLY R11-3b

(V) ROAD CLOSED TO THRU TRAFFIC R11-4

(W) BARRICADE

(X) BARRICADE

GENERAL NOTES

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

C:\DOCUMENTS AND SETTINGS\MICHAEL_RIVERA\MY DOCUMENTS\MICRO STATION DGN\POSTAL LANE (S283).DGN

RECOMMENDED *Mark* DATE: 12-4-13 RECOMMENDED _____ DATE: _____ RECOMMENDED *Dan Thompson* DATE: 11-26-13 APPROVED CHIEF SAFETY OFFICER *Michael W. ...* DATE: 12-9-13 APPROVED TRAFFIC ENGINEER *...* DATE: 12/16/13

<p>DELAWARE DEPARTMENT OF TRANSPORTATION</p>	ADDENDUM / REVISIONS		<p>NOT TO SCALE</p> <p>PLANTATION ROAD AT CEDAR GROVE RD/POSTAL LANE INTERSECTION IMPROVEMENTS</p>	CONTRACT	ROAD NO.	<p>S283</p> <p>VEHICULAR DETOUR PLAN</p> <p>POSTAL LANE AT PLANTATION RD</p>	SHEET NO.
				T200911201	DESIGNED BY: MFR		37
				SUSSEX	CHECKED BY: ASW		TOTAL SHTS.

PORTABLE CHANGEABLE MESSAGE SIGNS

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

PCMS-1

PLAN-
TATION
ROAD

TO CLOSE
STARTING
XXXX/XX

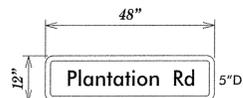
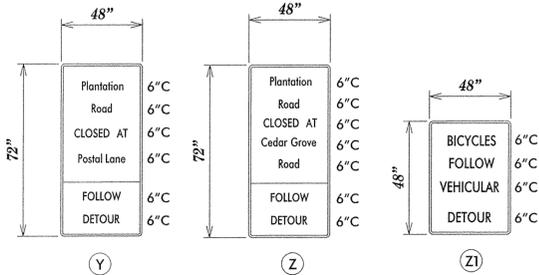
DURING DETOUR
(DISPLAY FOR 5 DAYS AFTER IMPLEMENTATION OF DETOUR)

PCMS-2

PLAN-
TATION
ROAD

CLOSED
FOLLOW
DETOUR

SPECIAL SIGNS



***D/G RETROREFLECTIVE FLUORESCENT ORANGE BACKGROUND; BLACK LEGEND**

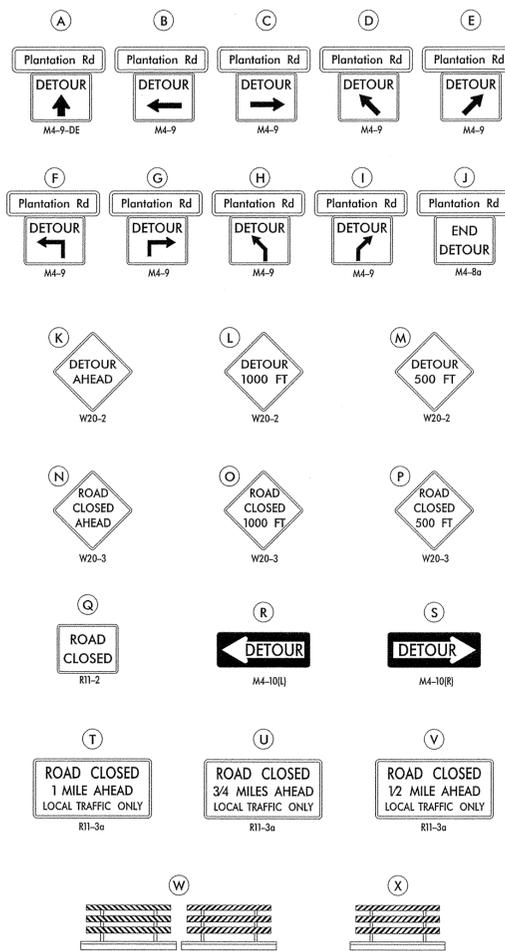
SPECIAL NOTES

1. AT THE DISCRETION OF DELDOT, CONTRACTOR SHALL BE REQUIRED TO PROVIDE A RIGHT LANE CLOSURE ON SB DE 1 NORTH OF SHADY RD. LANE CLOSURE SHALL BE PROVIDED USING TYPICAL APPLICATION 33 (TA-33) FROM THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
2. POSTAL LANE DETOUR/CLOSURE SIGNAGE SHALL REMAIN IN PLACE UNTIL PLANTATION RD WORK IS COMPLETED AND ROAD IS RE-OPENED. (REFER TO POSTAL LANE DETOUR PLAN)



LEGEND

*SEE SPECIAL SIGN LEGEND FOR NAME PLAQUE SIZING



GENERAL NOTES

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RECOMMENDED *[Signature]* DATE: 12-4-13

RECOMMENDED _____ DATE: _____

RECOMMENDED *[Signature]* DATE: 11-25-13

APPROVED CHIEF SAFETY OFFICER *[Signature]* DATE: 12-9-13

APPROVED TRAFFIC ENGINEER *[Signature]* DATE: 12/10/13

DELAWARE DEPARTMENT OF TRANSPORTATION

NOT TO SCALE

PLANTATION RD AT CEDAR GROVE RD/POSTAL LANE INTERSECTION IMPROVEMENTS

CONTRACT	ROAD NO.
T200911201	S275
COUNTY	DESIGNED BY: MFR
SUSSEX	CHECKED BY: ASW

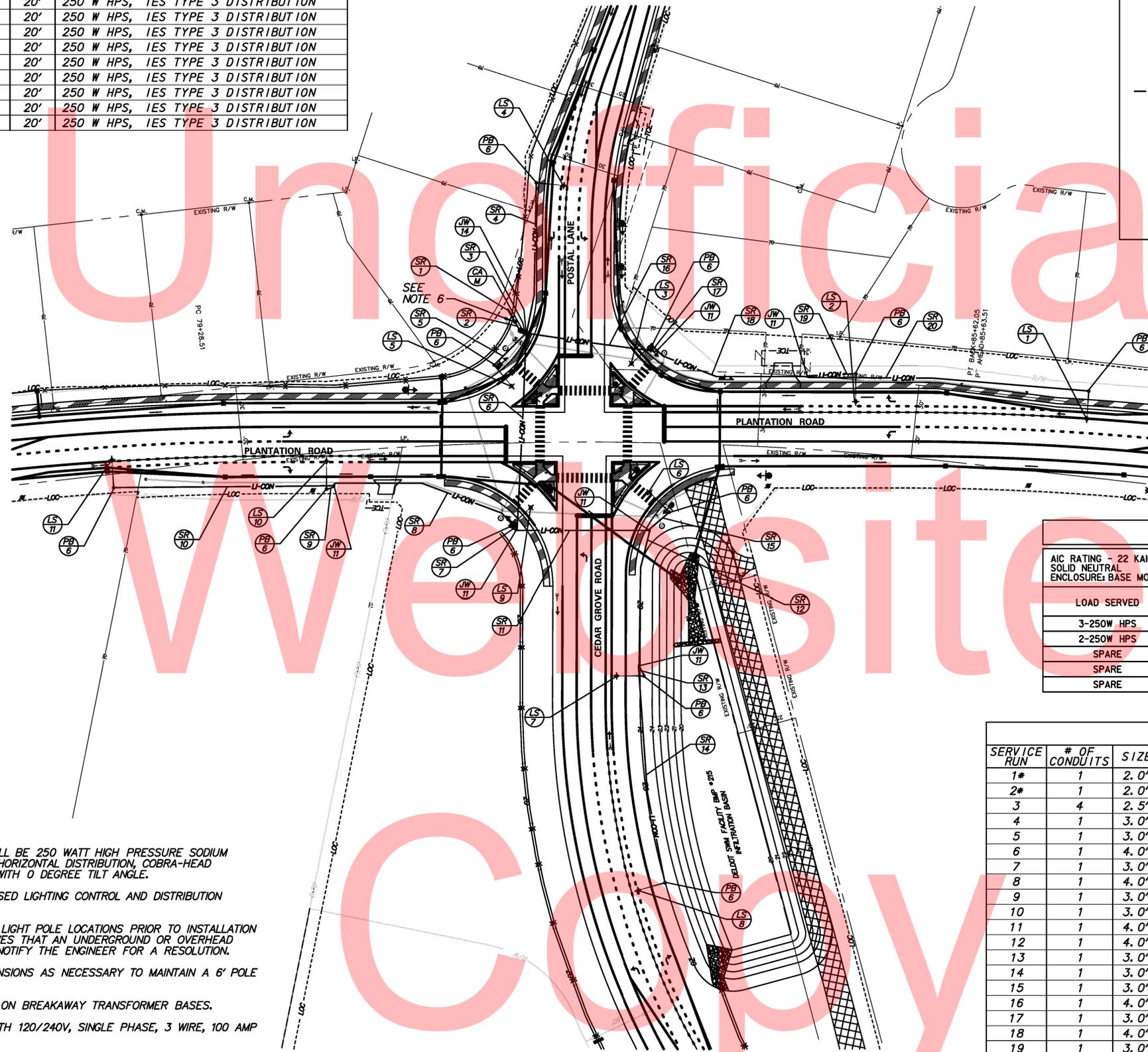
VEHICULAR DETOUR PLAN
PLANTATION RD

SHEET NO.	38
TOTAL SHTS.	51

C:\DOCUMENTS AND SETTINGS\MICHAEL.RIVERA\MY DOCUMENTS\MICRO STATION DGN\PLANTATION RD (S275).DGN

LIGHTING STANDARD SCHEDULE					
NO.	CIRCUIT NO.	OFFSET FROM FACE OF CURB	HEIGHT	ARM	LIGHT STANDARD
LS-1	1	14'	35'	20'	250 W HPS, IES TYPE 3 DISTRIBUTION
LS-2	3	14'	35'	20'	250 W HPS, IES TYPE 3 DISTRIBUTION
LS-3	1	14'	35'	20'	250 W HPS, IES TYPE 3 DISTRIBUTION
LS-4	1	7'	35'	20'	250 W HPS, IES TYPE 3 DISTRIBUTION
LS-5	3	13'	35'	20'	250 W HPS, IES TYPE 3 DISTRIBUTION
LS-6	2	13'	35'	20'	250 W HPS, IES TYPE 3 DISTRIBUTION
LS-7	4	14'	35'	20'	250 W HPS, IES TYPE 3 DISTRIBUTION
LS-8	2	11'	35'	20'	250 W HPS, IES TYPE 3 DISTRIBUTION
LS-9	4	13'	35'	20'	250 W HPS, IES TYPE 3 DISTRIBUTION
LS-10	2	7'	35'	20'	250 W HPS, IES TYPE 3 DISTRIBUTION
LS-11	4	10'	35'	20'	250 W HPS, IES TYPE 3 DISTRIBUTION

LIGHTING SYMBOL LEGEND	
SYMBOL	DESCRIPTION
	PROPOSED LIGHTING STANDARD AND POLE BASE
	PROPOSED LIGHTING CONTROL AND DISTRIBUTION ENCLOSURE AND IDENTIFIER
	PROPOSED LIGHTING JUNCTION WELL
	PROPOSED LIGHTING STANDARD IDENTIFIER
	PROPOSED LIGHTING SERVICE RUN
	PROPOSED SERVICE RUN IDENTIFIER
	PROPOSED LIGHTING JUNCTION WELL IDENTIFIER (TYPE)
	PROPOSED LIGHTING POLE BASE IDENTIFIER
	EXISTING UTILITY POLE



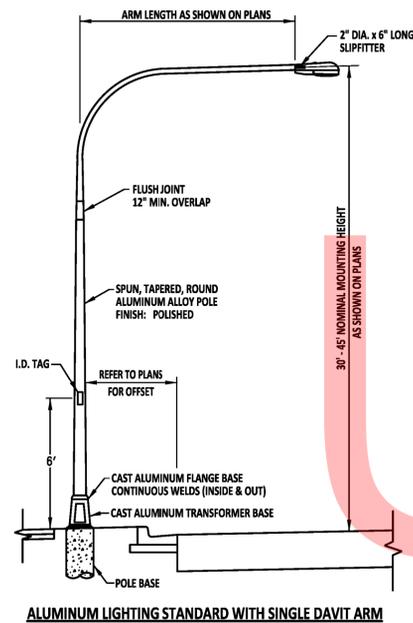
PANELBOARD SE									
AIC RATING - 22 KAIC SOLID NEUTRAL ENCLOSURE: BASE MOUNTED CABINET			100 AMP BUS 120/240 VOLTS SURFACE MOUNTED				100 AMP MCCB 1PHASE, 3 WIRE + GROUND		
LOAD SERVED	CIRCUIT FRAME	BREAKER TRIP	POLE	CKT. NO.	CKT. NO.	CIRCUIT FRAME	BREAKER TRIP	POLE	LOAD SERVED
3-250W HPS	100	20	1	1	2	100	20	1	3-250W HPS
2-250W HPS	100	20	1	3	4	100	20	1	3-250W HPS
SPARE	100	20	1	5	6	100	20	1	SPARE
SPARE	100	20	1	7	8	100	20	1	SPARE
SPARE	100	20	1	9	10	100	20	1	SPARE

LIGHTING SERVICE SCHEDULE						
SERVICE RUN	# OF CONDUITS	SIZE	DISTANCE	DESCRIPTION	INSTALLATION	
1*	1	2.0"	XX'	(3)*2, (1)*2 GROUND - LINE SIDE	TRENCH	
2*	1	2.0"	5'	(3)*2, (1)*2 GROUND - LOAD SIDE	TRENCH	
3	4	2.5"	3'	(8)*8, (1)*6 GROUND	TRENCH	
4	1	3.0"	122'	(2)*8, (1)*6 GROUND	TRENCH	
5	1	3.0"	35'	(2)*8, (1)*6 GROUND	TRENCH	
6	1	4.0"	160'	(4)*8, (1)*6 GROUND	BORE	
7	1	3.0"	5'	(2)*8, (1)*6 GROUND	TRENCH	
8	1	4.0"	162'	(3)*8, (1)*6 GROUND	TRENCH	
9	1	3.0"	6'	(3)*8, (1)*6 GROUND	TRENCH	
10	1	3.0"	181'	(2)*8, (1)*6 GROUND	TRENCH	
11	1	4.0"	109'	(3)*8, (1)*6 GROUND	TRENCH	
12	1	4.0"	110'	(3)*8, (1)*6 GROUND	TRENCH	
13	1	3.0"	8'	(3)*8, (1)*6 GROUND	TRENCH	
14	1	3.0"	179'	(2)*8, (1)*6 GROUND	TRENCH	
15	1	3.0"	21'	(2)*8, (1)*6 GROUND	TRENCH	
16	1	4.0"	109'	(4)*8, (1)*6 GROUND	BORE	
17	1	3.0"	5'	(2)*8, (1)*6 GROUND	TRENCH	
18	1	4.0"	128'	(4)*8, (1)*6 GROUND	TRENCH	
19	1	3.0"	38'	(2)*8, (1)*6 GROUND	BORE/TRENCH	
20	1	3.0"	232'	(2)*8, (1)*6 GROUND	TRENCH	

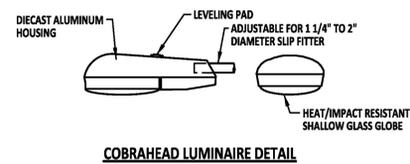
NOTE: SERVICE RUN DISTANCE REFLECTS CONDUIT LENGTH ONLY.
*RIGID GALVANIZED STEEL CONDUIT

- NOTES:
- ALL PROPOSED DELDOT STANDARD LUMINAIRES SHALL BE 250 WATT HIGH PRESSURE SODIUM WITH MEDIUM VERTICAL DISTRIBUTION, IES TYPE 3 HORIZONTAL DISTRIBUTION, COBRA-HEAD STYLE FIXTURES WITH CUT-OFF OPTICS MOUNTED WITH 0 DEGREE TILT ANGLE.
 - PHOTOELECTRIC CONTROL SHALL BE AT THE PROPOSED LIGHTING CONTROL AND DISTRIBUTION ENCLOSURE.
 - THE CONTRACTOR SHALL STAKEOUT ALL PROPOSED LIGHT POLE LOCATIONS PRIOR TO INSTALLATION OF THE POLE BASE. IF THE CONTRACTOR PERCEIVES THAT AN UNDERGROUND OR OVERHEAD UTILITY CONFLICT EXISTS THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR A RESOLUTION.
 - THE CONTRACTOR SHALL INSTALL POLE BASE EXTENSIONS AS NECESSARY TO MAINTAIN A 6' POLE BASE DEPTH BELOW FINISHED GRADE.
 - DELDOT LIGHTING STANDARDS SHALL BE INSTALLED ON BREAKAWAY TRANSFORMER BASES.
 - INSTALL ELECTRICAL UTILITY SERVICE EQUIPMENT WITH 120/240V, SINGLE PHASE, 3 WIRE, 100 AMP ELECTRICAL SERVICE.
 - ALL CONDUITS SHALL BE SCHEDULE 80 PVC WHEN INSTALLED BY TRENCHING AND SCHEDULE 80 HDPE WHEN INSTALLED BY BORING, UNLESS OTHERWISE NOTED.

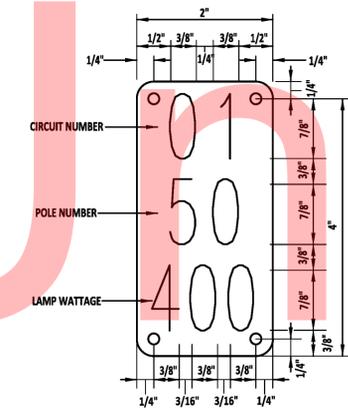
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ALUMINUM LIGHTING STANDARD WITH SINGLE DAVIT ARM



COBRAHEAD LUMINAIRE DETAIL



TYPICAL POLE IDENTIFICATION TAG

- NOTES:
1. IDENTIFICATION TAG SHALL BE INSTALLED ON THE SIDE OF THE POLE FACING AWAY FROM TRAFFIC.
 2. POLE ARMS SHALL BE ALIGNED PERPENDICULAR TO THE EDGE OF TRAVELED WAY, UNLESS OTHERWISE DIRECTED.
 3. THE OUTER SLEEVE MEMBER AT THE LIGHT STANDARD FLUSH JOINT SHALL BE FURNISHED WITH PREDRILLED THROUGH HOLES AT 90 DEGREES APART (MIN. 6\"/>

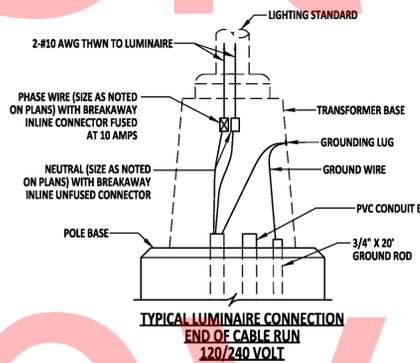
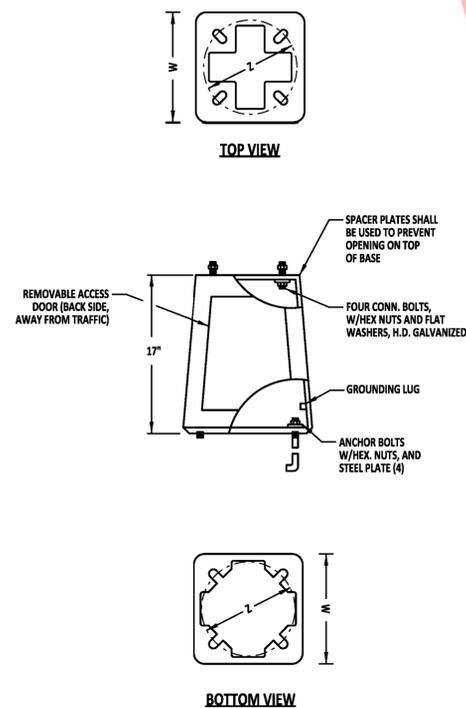
LIGHT STANDARDS AND LUMINAIRES

MOUNTING HEIGHT	ARM LENGTH	MIN WIDTH 'W'	BOLT DIA.	BOLT CIRCLE 'Z'
LESS THAN 40'	LESS THAN 30'	13"	1"	13 1/2"
	30'	15"	1 1/8"	15"
40'	LESS THAN OR EQUAL TO 20'	13"	1"	13 1/2"

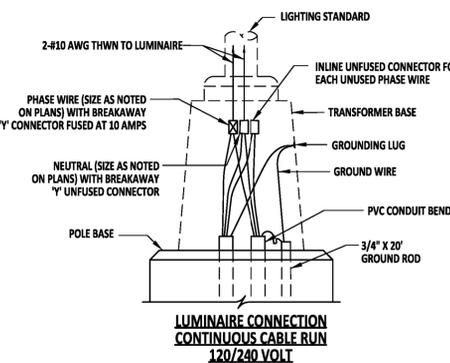
CONSTRUCTION NOTES

1. ALUMINUM TRANSFORMER BASE SHALL MEET 1985 AASHTO BREAKAWAY REQUIREMENTS.
2. BREAKAWAY TRANSFORMER BASES SHALL BE INSTALLED WITH ALL POLES, UNLESS OTHERWISE NOTED.
3. LIGHT STANDARDS MOUNTED TO BRIDGE/RETAINING/BARRIER WALLS DO NOT REQUIRE BREAKAWAY BASES.
4. OPENING OF TRANSFORMER BASE ACCESS DOOR SHALL BE INSTALLED ON THE SIDE OF THE POLE FACING AWAY FROM TRAFFIC.
5. PROVIDE ACCESSIBLE GROUNDING NUT OR LUG INSIDE TRANSFORMER BASE.
6. PROVIDE WASHERS, SHIMS AND BOLTS AS REQUIRED BY TRANSFORMER BASE MANUFACTURER.
7. THE CONTACT AREA BETWEEN THE TRANSFORMER BASE AND CONCRETE FOUNDATION SHALL BE SHOP COATED WITH COAL TAR EPOXY MEETING SSPC-PAIN 16 SPECIFICATIONS. THE THICKNESS OF THE COATING SHALL BE BETWEEN 6 AND 8 MILS. THE COATING SHALL BE COMPLETELY DRY BEFORE INSTALLATION. THE TOP OF THE FOUNDATION SHALL NOT BE PAINTED.
8. TOP AND BOTTOM OF BASE MAY BE SLOTTED FOR BOLT CIRCLE. SLOT MUST ACCOMMODATE DIMENSION SHOWN.
9. TRANSFORMER BASE AND ASSOCIATED COMPONENTS SHALL MEET THE FOLLOWING MATERIAL REQUIREMENTS:
 ANCHOR BASE - AA356-T6
 BOLT COVERS - AA356
 ANCHOR BOLT NUTS ASTM - A563 GR.A
 ANCHOR BOLTS - ASTM - F1554 GR5S
 STN. STL HARDWARE - AISI - 300 SERIES SST
 TRANSFORMER BASE - AA356 - T6
 T-BASE HARDWARE - ASTM - A325 GALV.

LIGHTING STRUCTURE IN TRANSFORMER BASE

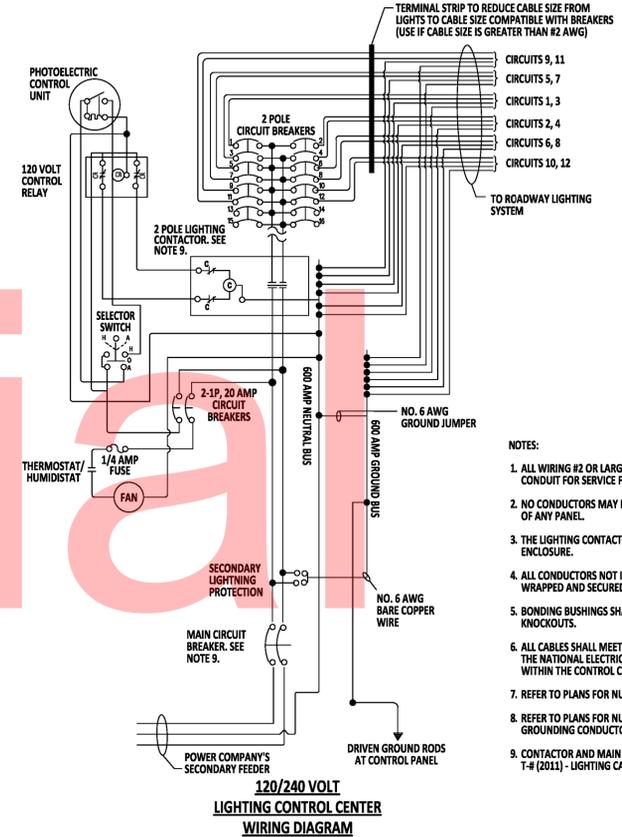


TYPICAL LUMINAIRE CONNECTION END OF CABLE RUN 120/240 VOLT



LUMINAIRE CONNECTION CONTINUOUS CABLE RUN 120/240 VOLT

WIRING SCHEMATICS IN TRANSFORMER BASE



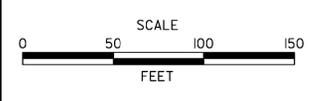
120/240 VOLT LIGHTING CONTROL CENTER WIRING DIAGRAM

LIGHTING CONTROL CABINET WIRING DIAGRAM

- NOTES:
1. ALL WIRING #2 OR LARGER SHALL BE INSTALLED IN FLEXIBLE CONDUIT FOR SERVICE FEEDS.
 2. NO CONDUCTORS MAY ENTER OR EXIT THROUGH THE REAR OF ANY PANEL.
 3. THE LIGHTING CONTACTOR SHALL BE IN A PROPERLY SIZED ENCLOSURE.
 4. ALL CONDUCTORS NOT IN CONDUIT SHALL BE BUNDLED OR WRAPPED AND SECURED IN CABINET AWAY FROM SHARP EDGES.
 5. BONDING BUSHINGS SHALL BE USED FOR ALL CONCENTRIC KNOCKOUTS.
 6. ALL CABLES SHALL MEET AMPACITY REQUIREMENTS OF THE NATIONAL ELECTRIC CODE. THE MINIMUM CABLE SIZE WITHIN THE CONTROL CENTER SHALL BE NO. 12 AWG.
 7. REFER TO PLANS FOR NUMBER AND SIZE OF CIRCUIT BREAKERS.
 8. REFER TO PLANS FOR NUMBER AND SIZE OF ELECTRODE GROUNDING CONDUCTOR WIRES REQUIRED.
 9. CONTACTOR AND MAIN BREAKER TO BE SIZED PER STD T-# (2011) - LIGHTING CABINET LAYOUT.

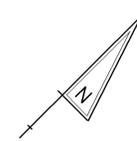
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ADDENDUMS / REVISIONS



CONTRACT	BRIDGE NO.
29-112-01	DESIGNED BY: D.W.C.
COUNTY	CHECKED BY: M.J.B.
SUSSEX	

SHEET NO.	40
TOTAL SHTS.	51



Unofficial



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Unofficial

Website

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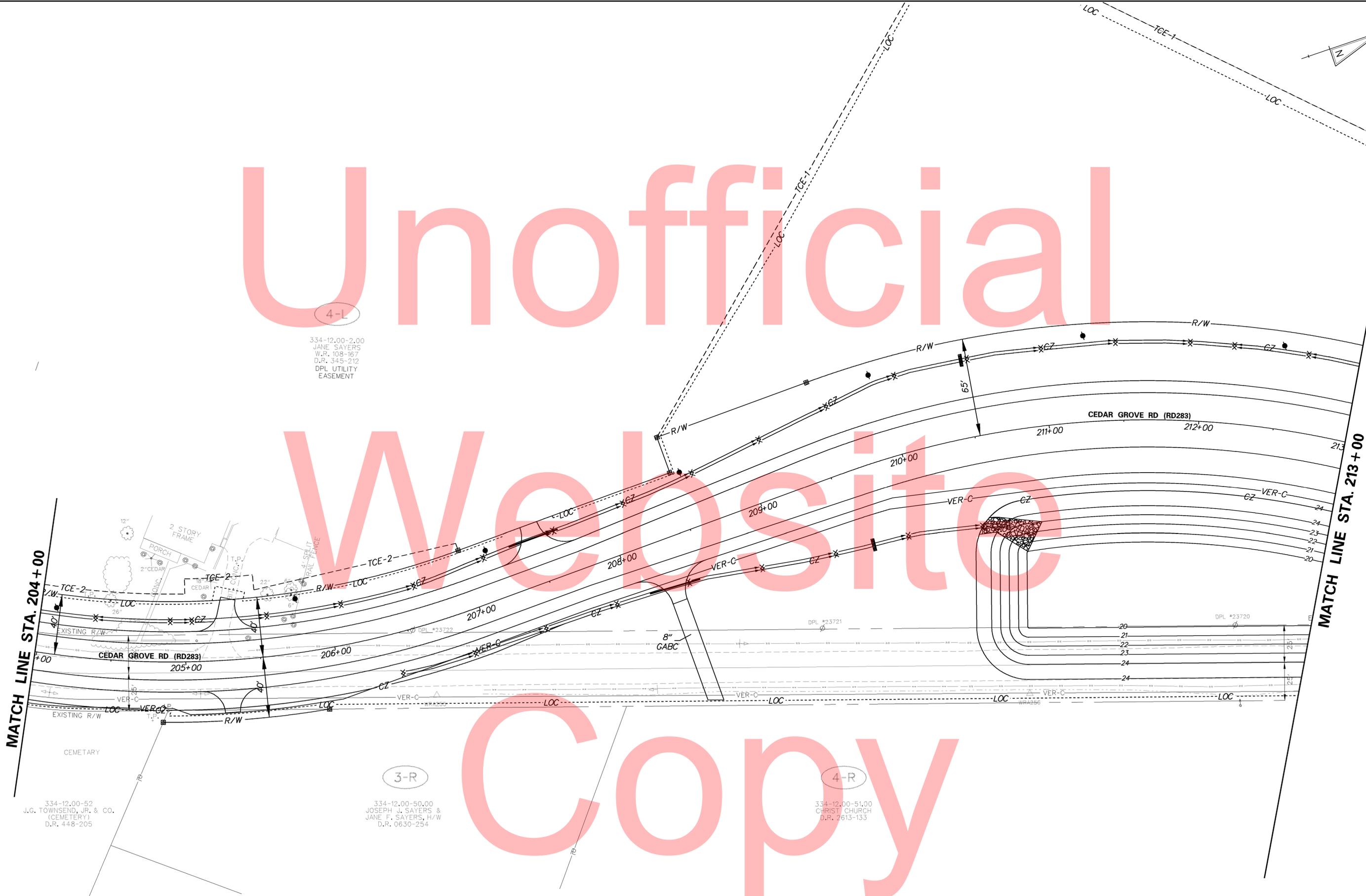
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JANE SAYERS
W.R. 108-167
D.R. 345-212
DPL UTILITY
EASEMENT

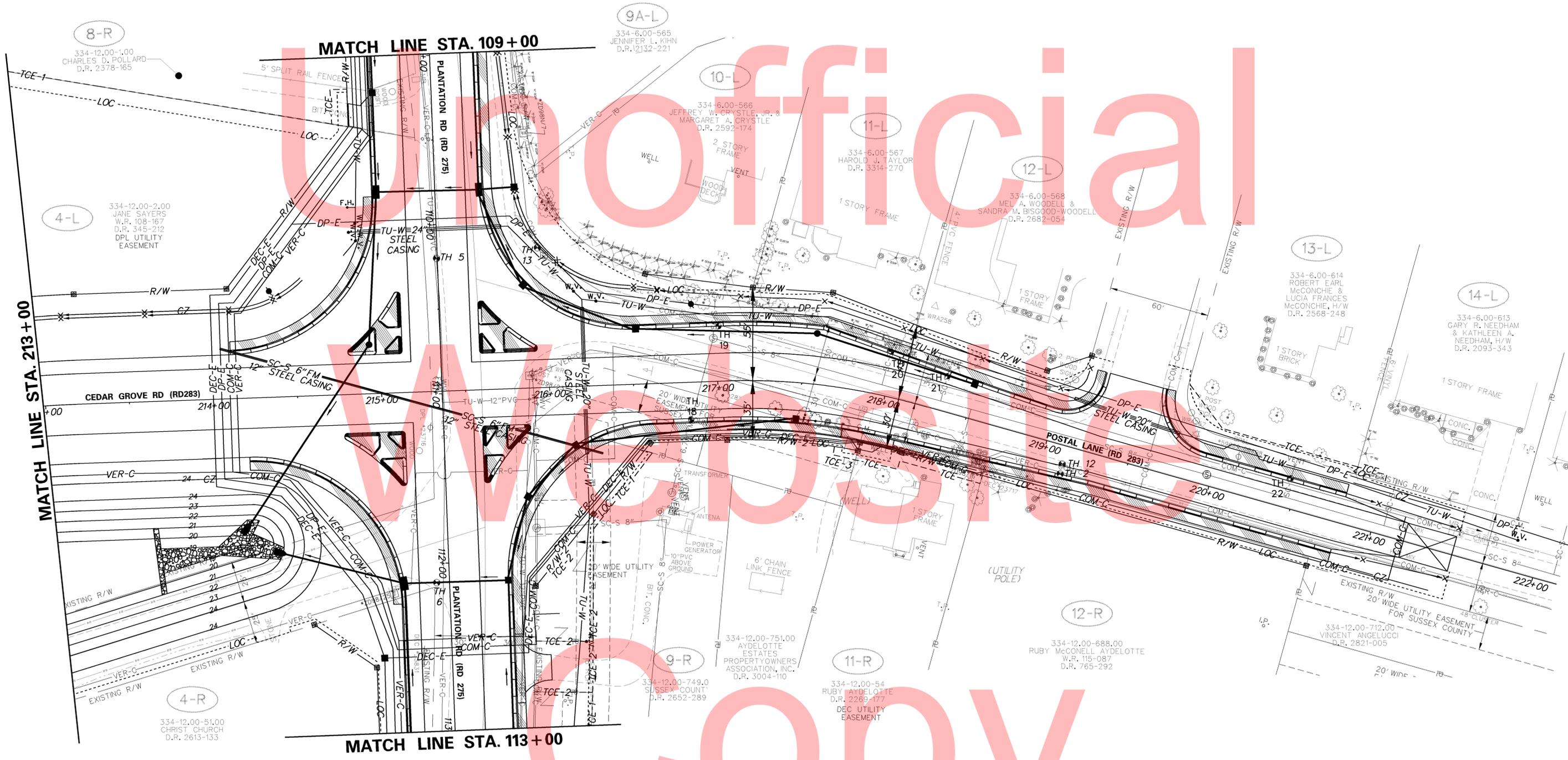
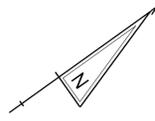
3-R
334-12.00-50.00
JOSEPH J. SAYERS &
JANE F. SAYERS, H/W
D.R. 0630-254

4-R
334-12.00-51.00
CHRIST CHURCH
D.R. 2613-133

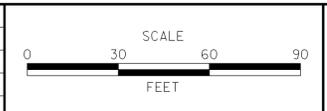
MATCH LINE STA. 204 + 00

MATCH LINE STA. 213 + 00





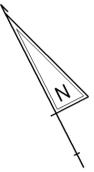
ADDENDUMS / REVISIONS



HSIP, SC, PLANTATION ROAD AT CEDAR GROVE RD/POSTAL LANE INTERSECTION IMPROVEMENTS

CONTRACT T200911201	BRIDGE NO. 	NA
COUNTY SUSSEX	DESIGNED BY: 	
	CHECKED BY: 	

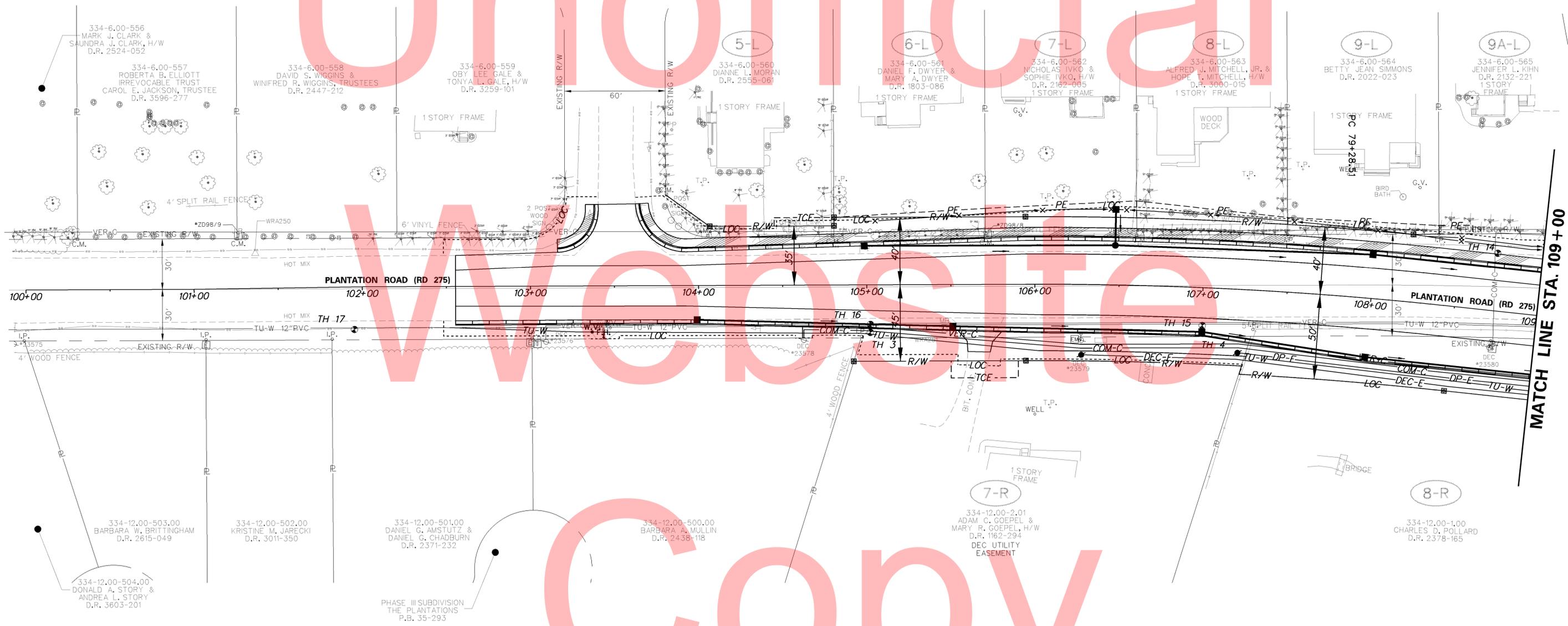
UTILITY RELOCATION PLAN	SHEET NO. 43
	TOTAL SHTS. 51



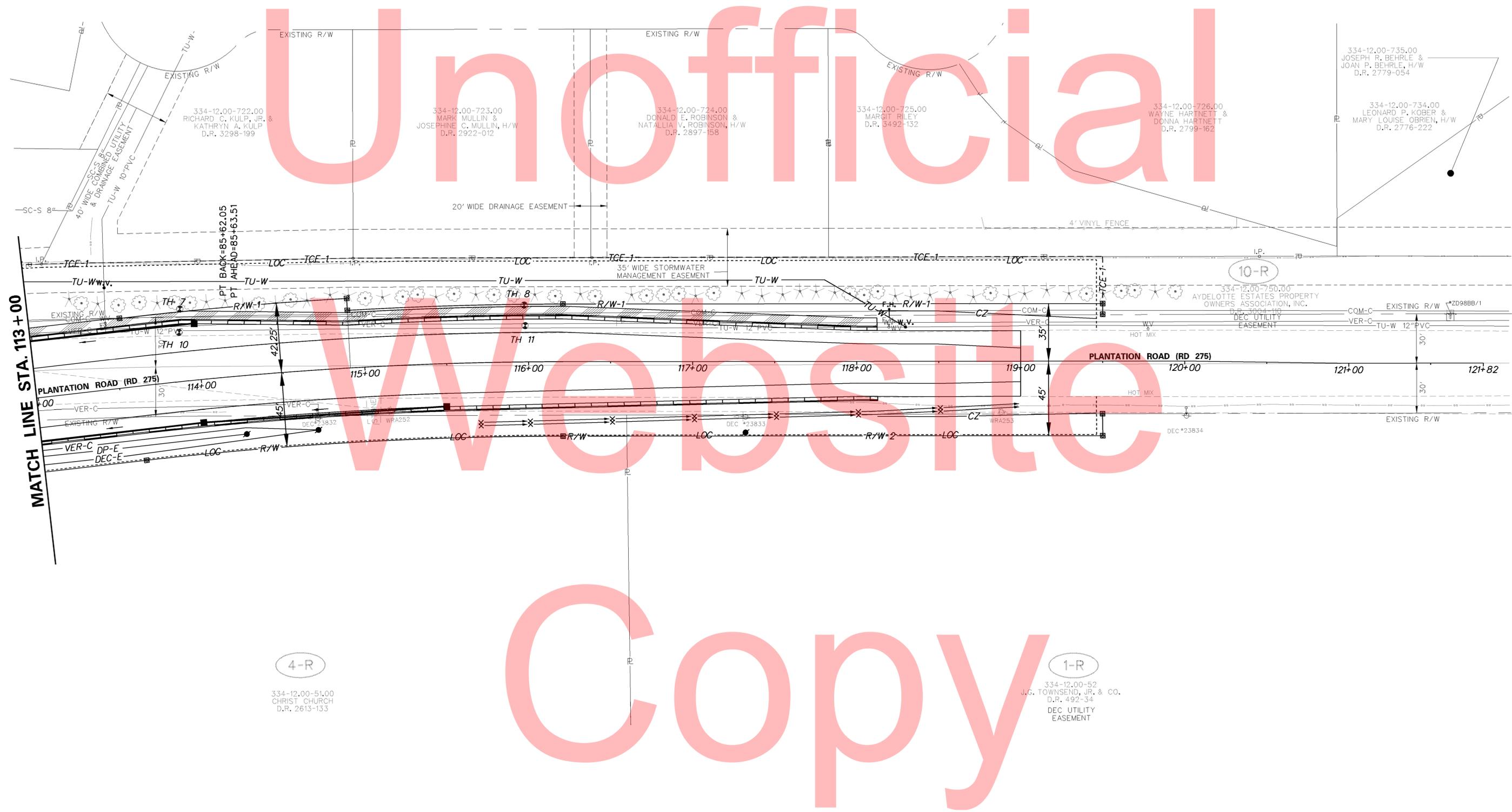
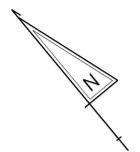
Unofficial

Web site

Copy



NOTE:
 OFFSETS SHOWN IN TABLE WITH A MINUS SIGN ARE
 TO THE LEFT OF CONSTRUCTION AND R/W BASELINE



MATCH LINE STA. 113 + 00

4-R

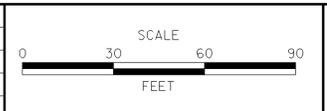
334-12.00-51.00
CHRIST CHURCH
D.R. 2613-133

1-R

334-12.00-52
J.G. TOWNSEND, JR. & CO.
D.R. 492-34
DEC UTILITY
EASEMENT

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS	



**HSIP, SC, PLANTATION ROAD AT
CEDAR GROVE RD/POSTAL LANE
INTERSECTION IMPROVEMENTS**

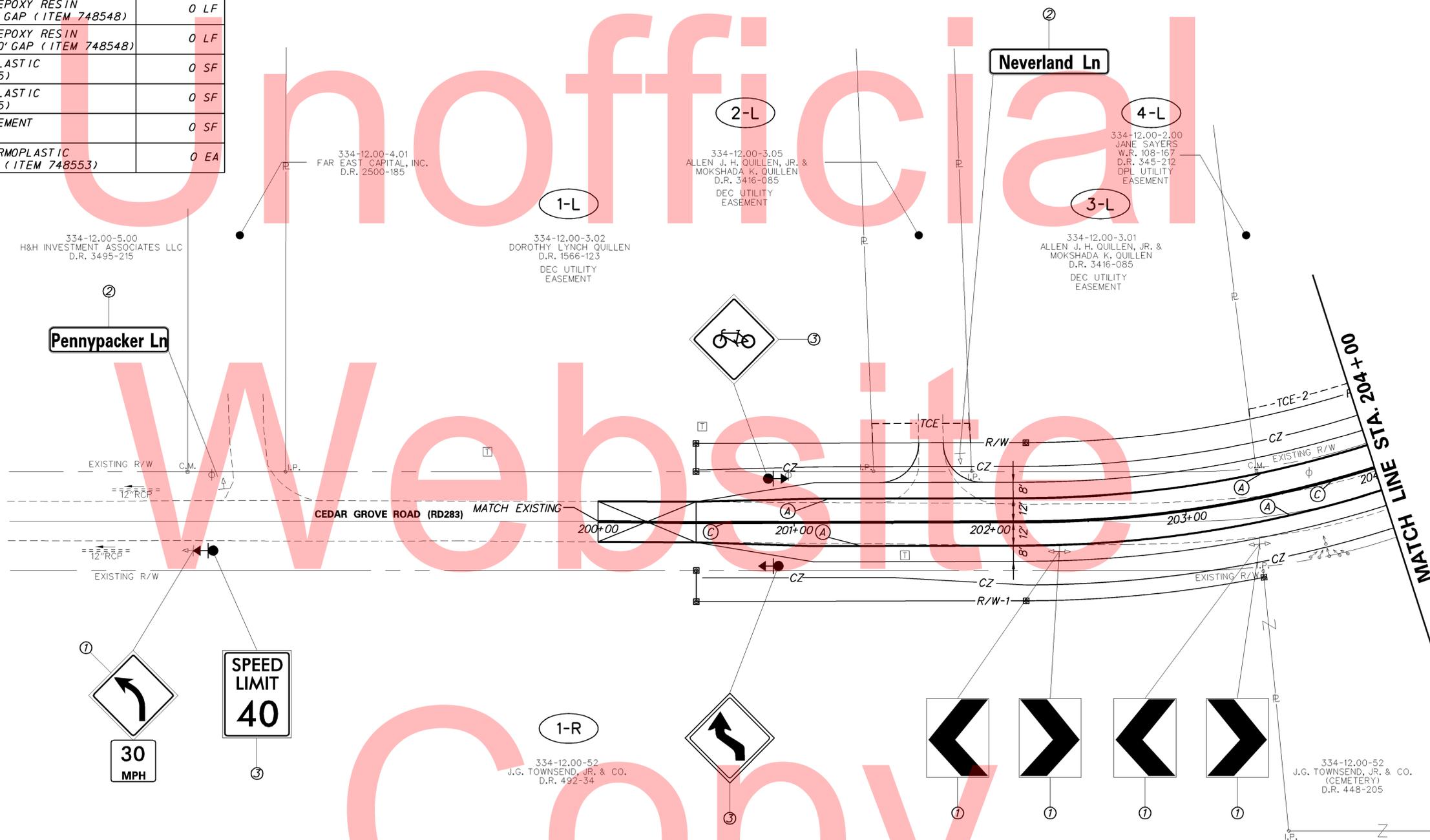
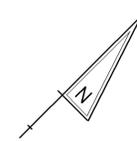
CONTRACT T200911201	BRIDGE NO. N/A
COUNTY SUSSEX	DESIGNED BY:
	CHECKED BY:

**UTILITY RELOCATION
PLAN**

SHEET NO. 45
TOTAL SHTS. 51

PAVEMENT MARKINGS LEGEND		
SYMBOL	ITEM	QUANTITY
(A)	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE, 5" (ITEM 748548)	798 LF
(B)	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, YELLOW, 5" (ITEM 748548)	0 LF
(C)	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, DOUBLE YELLOW, 5" (ITEM 748548)	798 LF
(D)	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE, 5", 2' LINE & 6' GAP (ITEM 748548)	0 LF
(E)	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE, 5", 10' LINE & 30' GAP (ITEM 748548)	0 LF
(F)	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, YELLOW, 5", 10' LINE & 30' GAP (ITEM 748548)	0 LF
(G)	16" SOLID WHITE ALKYD THERMOPLASTIC PAVEMENT STRIPING (ITEM 748015)	0 SF
(H)	24" SOLID WHITE ALKYD THERMOPLASTIC PAVEMENT STRIPING (ITEM 748015)	0 SF
(J)	WHITE ALKYD THERMOPLASTIC PAVEMENT SYMBOL (ITEM 748015)	0 SF
(K)	PREFORMED RETROREFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS, BIKE SYMBOL (ITEM 748553)	0 EA

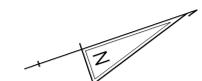
SIGNING LEGEND	
①	REMOVE EXISTING SIGN
②	EXISTING SIGN TO REMAIN
③	PLACE NEW SIGN
④	RENEW EXISTING SIGN
⑤	REPOSITION EXISTING SIGN



PAVEMENT MARKINGS LEGEND		
SYMBOL	ITEM	QUANTITY
(A)	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE, 5" (ITEM 748548)	1946 LF
(B)	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, YELLOW, 5" (ITEM 748548)	0 LF
(C)	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, DOUBLE YELLOW, 5" (ITEM 748548)	2428 LF
(D)	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE, 5", 2' LINE & 6' GAP (ITEM 748548)	222 LF
(E)	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE, 5", 10' LINE & 30' GAP (ITEM 748548)	0 LF
(F)	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, YELLOW, 5", 10' LINE & 30' GAP (ITEM 748548)	0 LF
(G)	16" SOLID WHITE ALKYD THERMOPLASTIC PAVEMENT STRIPING (ITEM 748015)	0 SF
(H)	24" SOLID WHITE ALKYD THERMOPLASTIC PAVEMENT STRIPING (ITEM 748015)	0 SF
(J)	WHITE ALKYD THERMOPLASTIC PAVEMENT SYMBOL (ITEM 748015)	87 SF
(K)	PREFORMED RETROREFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS, BIKE SYMBOL (ITEM 748553)	2 EA

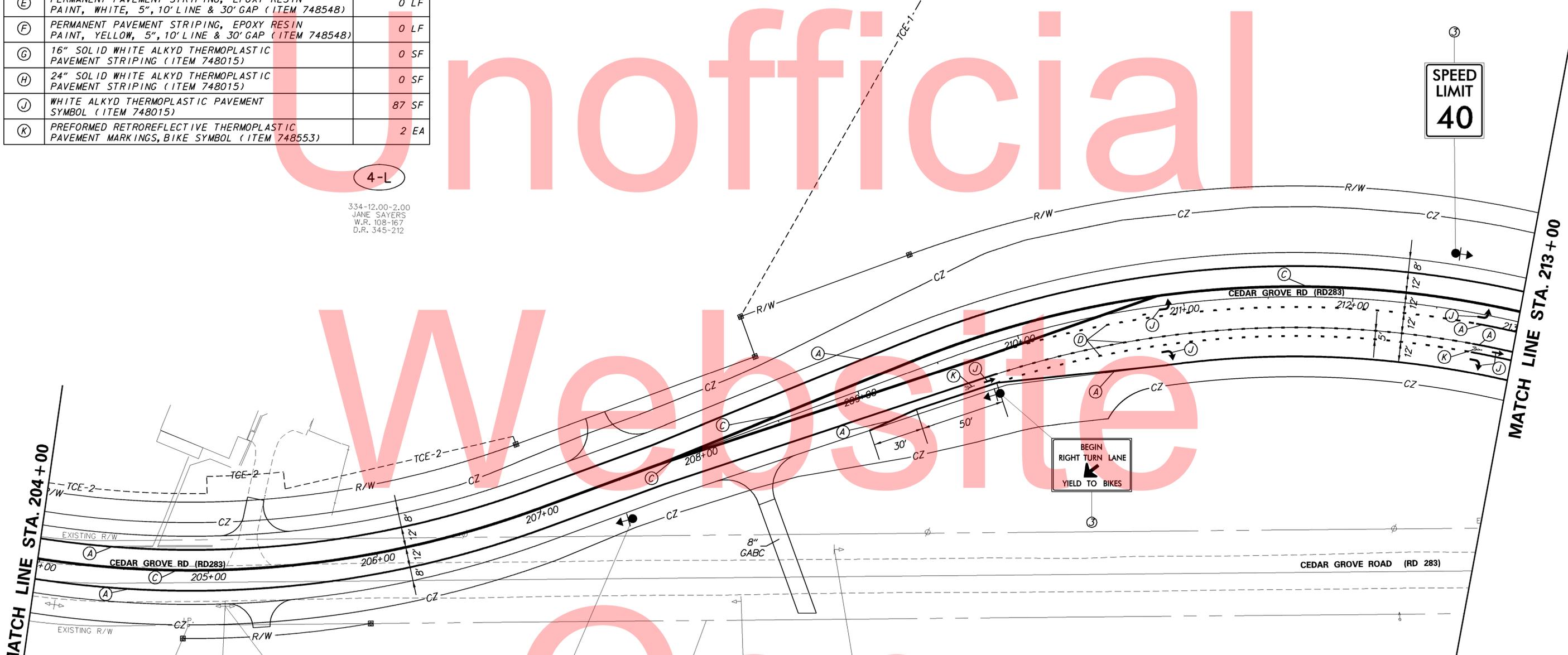
SIGNING LEGEND	
①	REMOVE EXISTING SIGN
②	EXISTING SIGN TO REMAIN
③	PLACE NEW SIGN
④	RENEW EXISTING SIGN
⑤	REPOSITION EXISTING SIGN

* THE PROPOSED "NEW" SIGN SHALL BE INSTALLED A MAXIMUM OF 6 MONTHS. SIGN SHALL BE REMOVED BY STATE FORCES



4-L

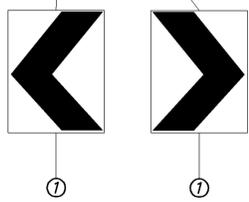
334-12.00-2.00
JANE SAYERS
W.R. 108-167
D.R. 345-212



MATCH LINE STA. 204+00

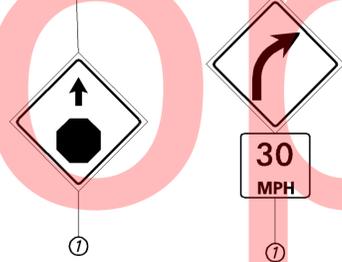
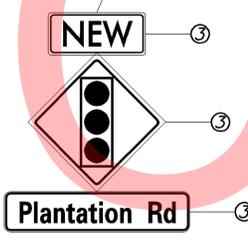
MATCH LINE STA. 213+00

334-12.00-52
J.G. TOWNSEND, JR. & CO.
(CEMETERY)
D.R. 448-205



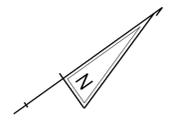
3-R

334-12.00-50.00
JOSEPH J. SAYERS &
JANE F. SAYERS, H/W
D.R. 0630-254



4-R

334-12.00-51.00
CHRIST CHURCH
D.R. 2613-133

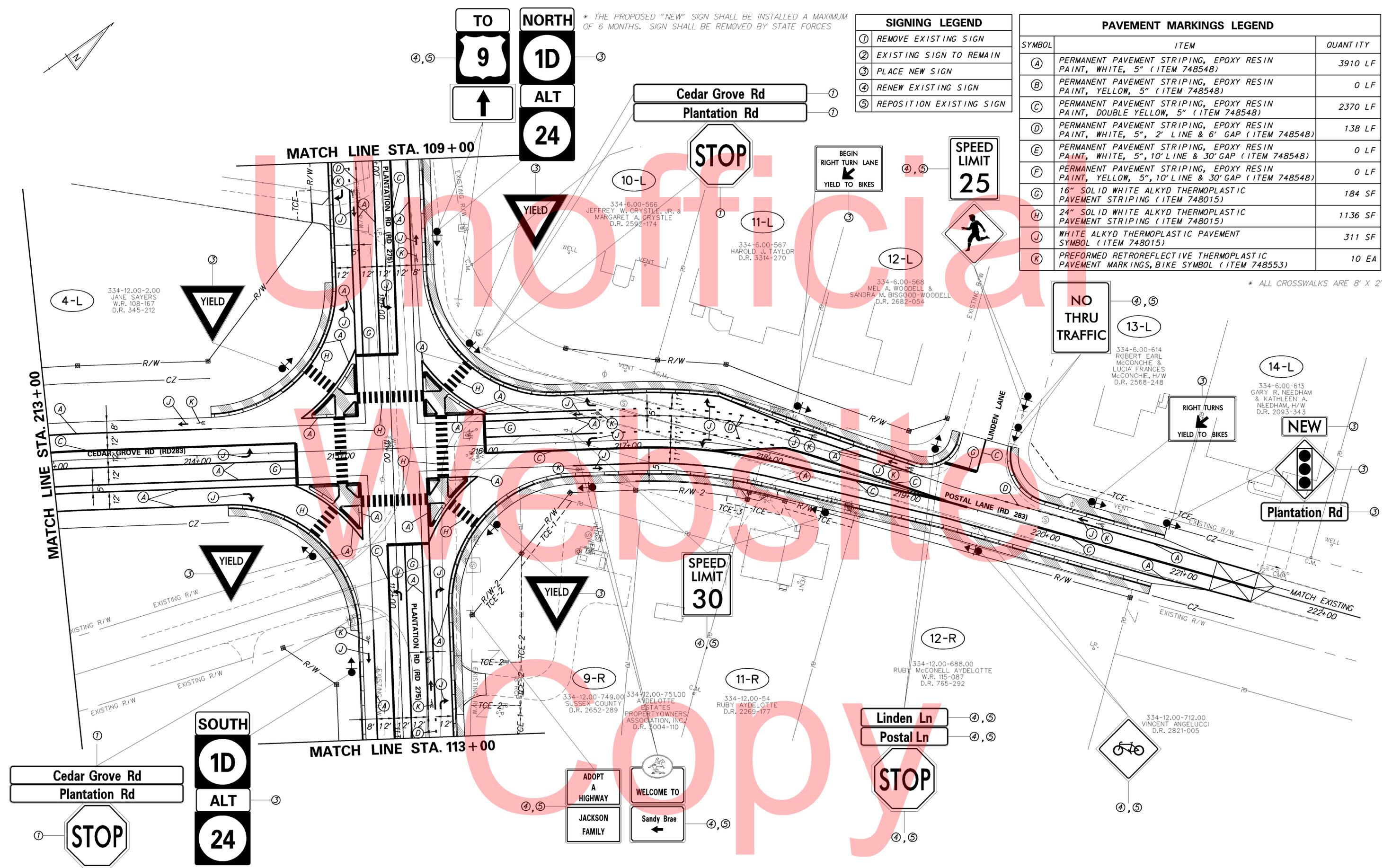


* THE PROPOSED "NEW" SIGN SHALL BE INSTALLED A MAXIMUM OF 6 MONTHS. SIGN SHALL BE REMOVED BY STATE FORCES

SIGNING LEGEND	
①	REMOVE EXISTING SIGN
②	EXISTING SIGN TO REMAIN
③	PLACE NEW SIGN
④	RENEW EXISTING SIGN
⑤	REPOSITION EXISTING SIGN

PAVEMENT MARKINGS LEGEND		
SYMBOL	ITEM	QUANTITY
(A)	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE, 5" (ITEM 748548)	3910 LF
(B)	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, YELLOW, 5" (ITEM 748548)	0 LF
(C)	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, DOUBLE YELLOW, 5" (ITEM 748548)	2370 LF
(D)	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE, 5", 2' LINE & 6' GAP (ITEM 748548)	138 LF
(E)	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE, 5", 10' LINE & 30' GAP (ITEM 748548)	0 LF
(F)	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, YELLOW, 5", 10' LINE & 30' GAP (ITEM 748548)	0 LF
(G)	16" SOLID WHITE ALKYD THERMOPLASTIC PAVEMENT STRIPING (ITEM 748015)	184 SF
(H)	24" SOLID WHITE ALKYD THERMOPLASTIC PAVEMENT STRIPING (ITEM 748015)	1136 SF
(J)	WHITE ALKYD THERMOPLASTIC PAVEMENT SYMBOL (ITEM 748015)	311 SF
(K)	PREFORMED RETROREFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS, BIKE SYMBOL (ITEM 748553)	10 EA

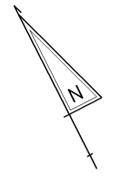
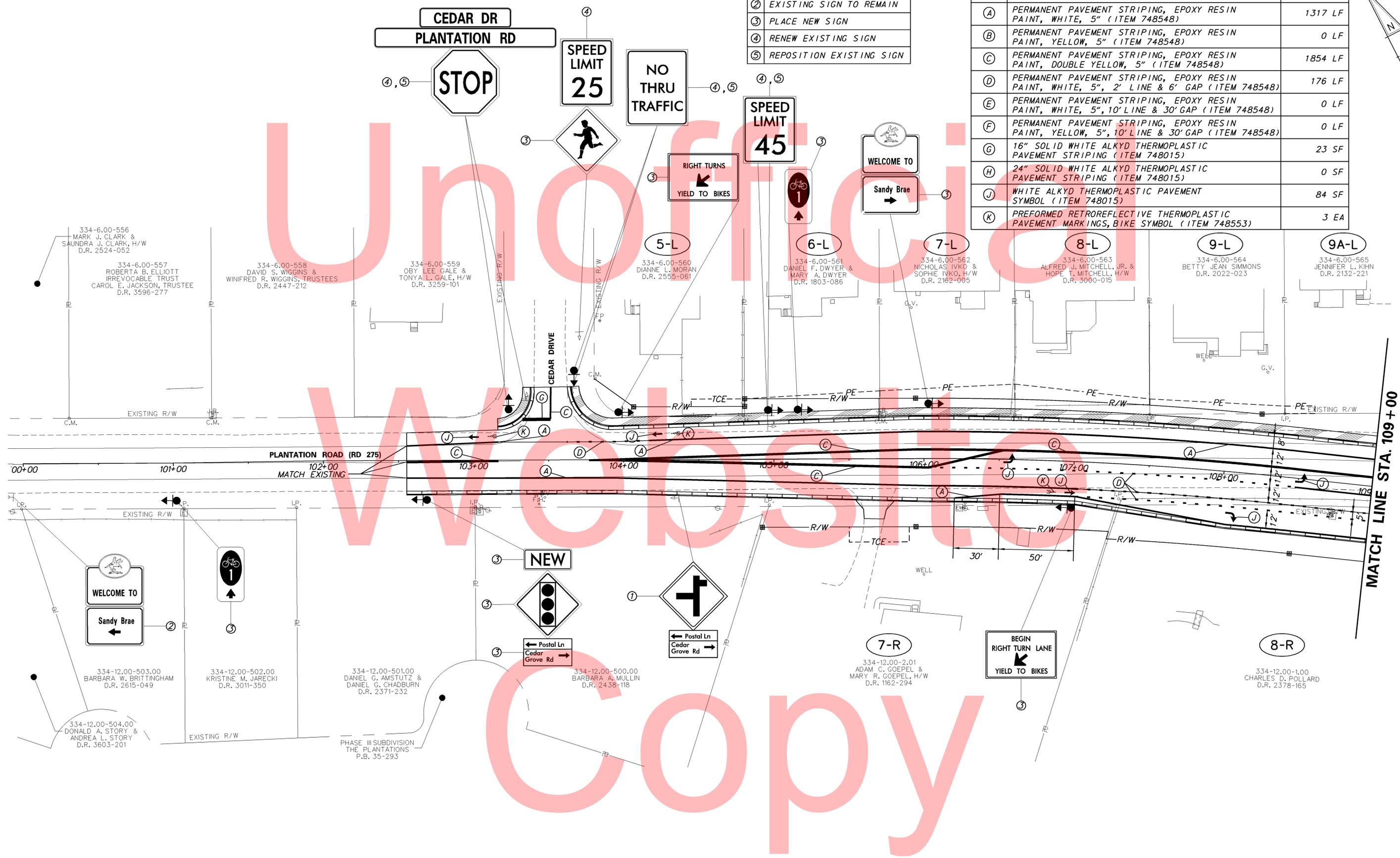
* ALL CROSSWALKS ARE 8' X 2'

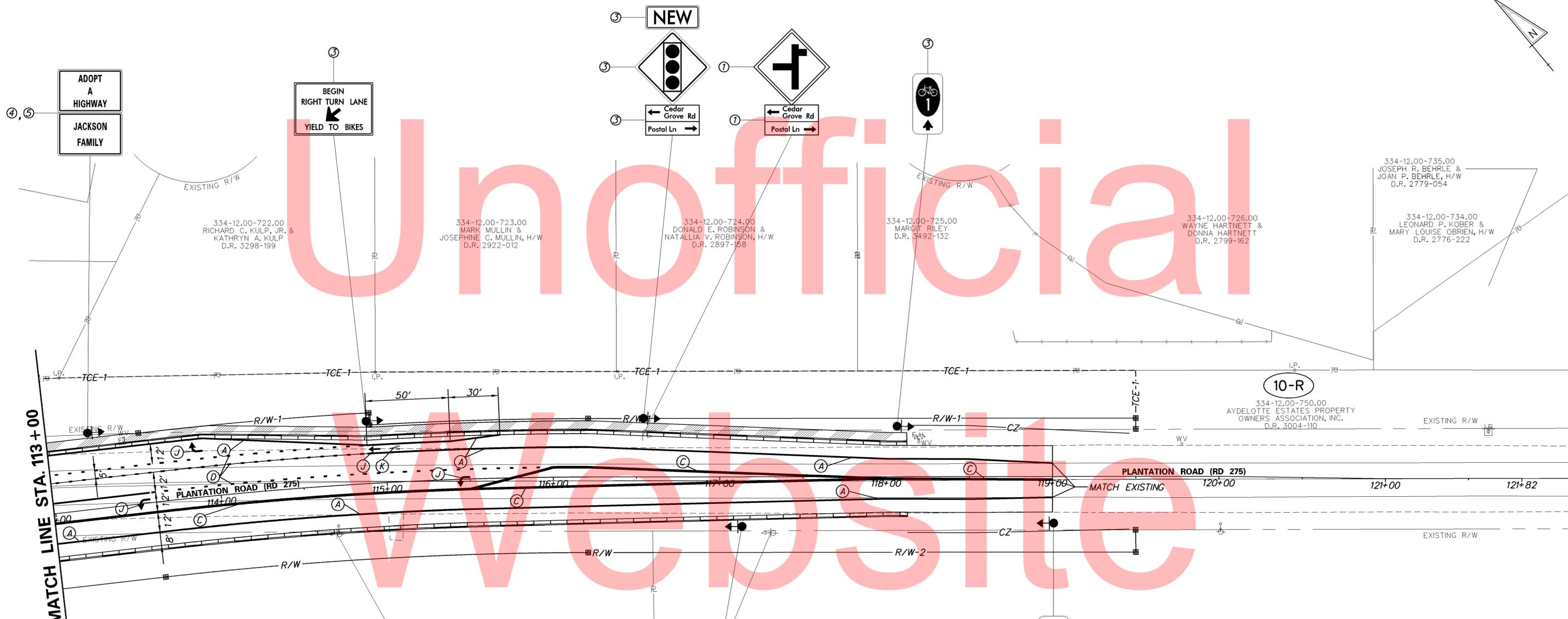
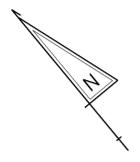


* THE PROPOSED "NEW" SIGN SHALL BE INSTALLED A MAXIMUM OF 6 MONTHS. SIGN SHALL BE REMOVED BY STATE FORCES

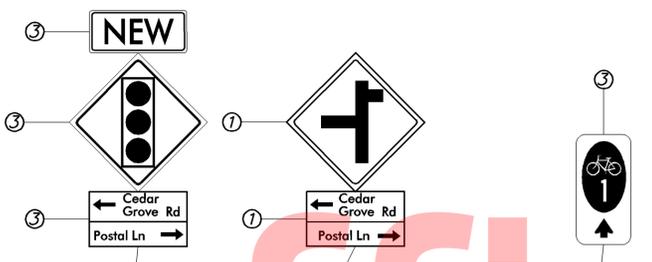
SIGNING LEGEND	
①	REMOVE EXISTING SIGN
②	EXISTING SIGN TO REMAIN
③	PLACE NEW SIGN
④	RENEW EXISTING SIGN
⑤	REPOSITION EXISTING SIGN

PAVEMENT MARKINGS LEGEND		
SYMBOL	ITEM	QUANTITY
(A)	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE, 5" (ITEM 748548)	1317 LF
(B)	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, YELLOW, 5" (ITEM 748548)	0 LF
(C)	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, DOUBLE YELLOW, 5" (ITEM 748548)	1854 LF
(D)	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE, 5", 2' LINE & 6' GAP (ITEM 748548)	176 LF
(E)	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE, 5", 10' LINE & 30' GAP (ITEM 748548)	0 LF
(F)	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, YELLOW, 5", 10' LINE & 30' GAP (ITEM 748548)	0 LF
(G)	16" SOLID WHITE ALKYD THERMOPLASTIC PAVEMENT STRIPING (ITEM 748015)	23 SF
(H)	24" SOLID WHITE ALKYD THERMOPLASTIC PAVEMENT STRIPING (ITEM 748015)	0 SF
(J)	WHITE ALKYD THERMOPLASTIC PAVEMENT SYMBOL (ITEM 748015)	84 SF
(K)	PERFORMED RETROREFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS, BIKE SYMBOL (ITEM 748553)	3 EA





BEGIN
RIGHT TURN LANE
YIELD TO BIKES



ADOPT
A
HIGHWAY
JACKSON
FAMILY

SOUTH
1D
ALT
24

SPEED
LIMIT
45



1-R

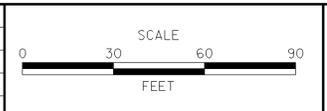
SIGNING LEGEND	
①	REMOVE EXISTING SIGN
②	EXISTING SIGN TO REMAIN
③	PLACE NEW SIGN
④	RENEW EXISTING SIGN
⑤	REPOSITION EXISTING SIGN

PAVEMENT MARKINGS LEGEND		
SYMBOL	ITEM	QUANTITY
(A)	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE, 5" (ITEM 748548)	1343 LF
(B)	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, YELLOW, 5" (ITEM 748548)	0 LF
(C)	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, DOUBLE YELLOW, 5" (ITEM 748548)	1705 LF
(D)	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE, 5", 2' LINE & 6' GAP (ITEM 748548)	164 LF
(E)	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE, 5", 10' LINE & 30' GAP (ITEM 748548)	0 LF
(F)	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, YELLOW, 5", 10' LINE & 30' GAP (ITEM 748548)	0 LF
(G)	16" SOLID WHITE ALKYD THERMOPLASTIC PAVEMENT STRIPING (ITEM 748015)	0 SF
(H)	24" SOLID WHITE ALKYD THERMOPLASTIC PAVEMENT STRIPING (ITEM 748015)	0 SF
(J)	WHITE ALKYD THERMOPLASTIC PAVEMENT SYMBOL (ITEM 748015)	59 SF
(K)	PREFORMED RETROREFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS, BIKE SYMBOL (ITEM 748553)	1 EA

* THE PROPOSED "NEW" SIGN SHALL BE INSTALLED A MAXIMUM OF 6 MONTHS. SIGN SHALL BE REMOVED BY STATE FORCES

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS



HSIP, SC, PLANTATION ROAD AT
CEDAR GROVE RD/POSTAL LANE
INTERSECTION IMPROVEMENTS

CONTRACT T200911201	BRIDGE NO. NA
COUNTY SUSSEX	DESIGNED BY:
	CHECKED BY:

SIGNING, STRIPING AND CONDUIT	SHEET NO. 50
	TOTAL SHTS. 51

CONDUIT RUN SCHEDULE

CO#	OF CONDUITS	SIZE	LENGTH	B/T/O	AMOUNT AND TYPE OF CABLE/ WIRE
1*	1	2.0 IN	14 FT	T	(1) 2/*8 U.F. W/ GROUND - LINE SIDE
2*	1	2.0 IN	24 FT	T	(1) 2/*8 U.F. W/ GROUND - LOAD SIDE
3	3	4.0 IN	16 FT	T	(8) 5/*14, (11) 2/*14, (3) *6 GROUND
4	1	3.0 IN	11 FT	T	(2) 16/*14, (4) 4/*18, (1) *6 GROUND
5	1	4.0 IN	62 FT	T	(1) 2/*14, (1) *6 GROUND
6	1	4.0 IN	232 FT	T	(1) 2/*14, (1) *6 GROUND
7	1	4.0 IN	36 FT	T	(2) 5/*14, (1) 2/*14, (1) *6 GROUND
8	1	2.5 IN	21 FT	T	(2) 5/*14, (1) *6 GROUND
9	1	4.0 IN	106 FT	B/T	(4) 5/*14, (6) 2/*14, (1) *6 GROUND
10	1	4.0 IN	51 FT	T	(4) 5/*14, (5) 2/*14, (1) *6 GROUND
11	1	3.0 IN	20 FT	T	EMPTY
12	1	4.0 IN	38 FT	B	(2) 5/*14, (2) 2/*14, (1) *6 GROUND
13	1	2.5 IN	17 FT	T	(2) 5/*14, (1) *6 GROUND
14	1	4.0 IN	121 FT	B/T	(2) 5/*14, (3) 2/*14, (1) *6 GROUND
15	1	4.0 IN	66 FT	T	(1) 2/*14, (1) *6 GROUND
16	1	3.0 IN	6 FT	T	EMPTY
17	1	4.0 IN	35 FT	B	(2) 5/*14, (1) 2/*14, (1) *6 GROUND
18	1	2.5 IN	16 FT	T	(2) 5/*14, (1) *6 GROUND
19	1	4.0 IN	250 FT	T	(1) 2/*14, (1) *6 GROUND
20	1	4.0 IN	54 FT	T	(1) 2/*14, (1) *6 GROUND
21	1	4.0 IN	131 FT	T	(2) 5/*14, (3) 2/*14, (1) *6 GROUND
22	1	3.0 IN	6 FT	T	EMPTY
23	1	4.0 IN	57 FT	T	(1) 2/*14, (1) *6 GROUND
24	1	4.0 IN	36 FT	T	(2) 5/*14, (2) 2/*14, (1) *6 GROUND
25	1	2.5 IN	21 FT	T	(2) 5/*14, (1) *6 GROUND
26	1	4.0 IN	103 FT	B/T	EMPTY
27	1	4.0 IN	260 FT	T	EMPTY
28	1	4.0 IN	239 FT	T	EMPTY
29	1	4.0 IN	482 FT	B/T	EMPTY

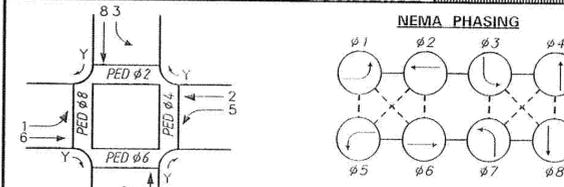
RIGID GALVANIZED STEEL CONDUIT B = BORE, T = TRENCH, O = OPEN CUT

NOTES:

- THE TRAFFIC CONTRACTOR SHALL ATTACH THE PROPOSED SPAN WIRES USING A GALVANIZED STEEL BULL RING. THE BULL RING SHALL HAVE A 4-INCH INSIDE DIAMETER AND BE FABRICATED FROM STEEL CONFORMING TO A668, QUENCHED AND TEMPERED. THE BAR DIAMETER SHALL NOT BE LESS THAN 7/8 INCHES. THE WELDLESS RINGS SHALL MEET FEDERAL SPECIFICATION RR-C271B TYPE VI. THE RINGS SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH A153 SPECIFICATIONS. TWO GALVANIZED 3-BOLT GUY CLAMPS AND A SERVICE SLEEVE SHALL BE INSTALLED FOR EACH SPAN WIRE ATTACHMENT IN ACCORDANCE WITH STANDARD NO. T-12 (2005).
- DELDOT OIT SHALL COORDINATE THE CDMA INSTALLATION IN THE PROPOSED SIGNAL CABINET.
- PROPOSED POLE BASES SUPPORTING POLES WITH PEDESTRIAN PUSHBUTTONS SHALL BE CONSTRUCTED IMMEDIATELY ADJACENT TO THE FLAT (50:1 FLATTER) LANDING AREA OF THE CURB RAMP OR SIDEWALK IN ACCORDANCE WITH CURRENT ADA BEST PRACTICES, 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/SIDEWALK, AND SHALL BE LOCATED SUCH THAT THE MAXIMUM REACH DISTANCE IS 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 SIDEWALK LEVEL.
- ALL PEDESTRIAN SIGNALS SHALL CONTAIN PEDESTRIAN COUNTDOWN DISPLAYS.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL UNDERGROUND SIGNAL EQUIPMENT - E.G., JUNCTION WELLS, POLE BASES, AND CONDUIT. DELDOT'S TRAFFIC CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL ELECTRICAL CABLES AND ABOVE GROUND SIGNAL EQUIPMENT - E.G., HEADS, OPTICOM RECEIVERS, SPAN WIRES, AND POLES.

SIGNAL PHASING



SIGNAL HEAD DIAGRAM



LEGEND

- PROPOSED SIGNAL CABINET
- EXISTING SIGNAL CABINET
- PROPOSED SIGNAL POLE BASE
- EXISTING SIGNAL POLE BASE
- PROPOSED PEDESTRIAN POLE BASE
- EXISTING PEDESTRIAN POLE BASE
- PROPOSED WOOD POLE
- EXISTING UTILITY POLE
- PROPOSED JUNCTION WELL
- EXISTING JUNCTION WELL
- EXISTING JUNCTION WELL
- EXISTING JUNCTION WELL
- PROPOSED CONDUIT RUN IDENTIFIER
- EXISTING CONDUIT RUN IDENTIFIER
- PROPOSED OVERHEAD RUN IDENTIFIER
- EXISTING OVERHEAD RUN IDENTIFIER
- PROPOSED MAST ARM IDENTIFIER
- EXISTING MAST ARM IDENTIFIER
- PROPOSED CABINET IDENTIFIER
- EXISTING CABINET IDENTIFIER
- PROPOSED SPAN WIRE
- EXISTING SPAN WIRE
- RIGHT-OF-WAY OR PROPERTY LINE
- PROPOSED SPAN INSULATOR
- EXISTING SPAN INSULATOR
- SERVICE PEDESTAL

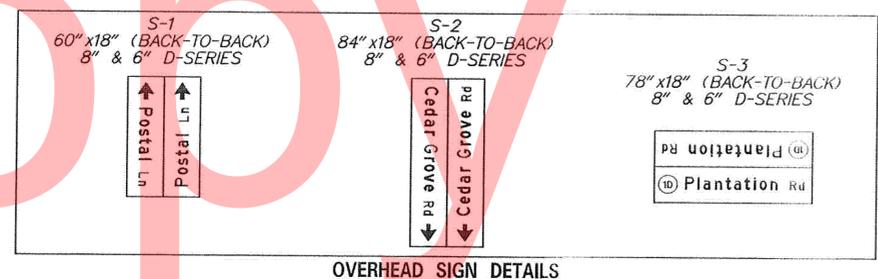
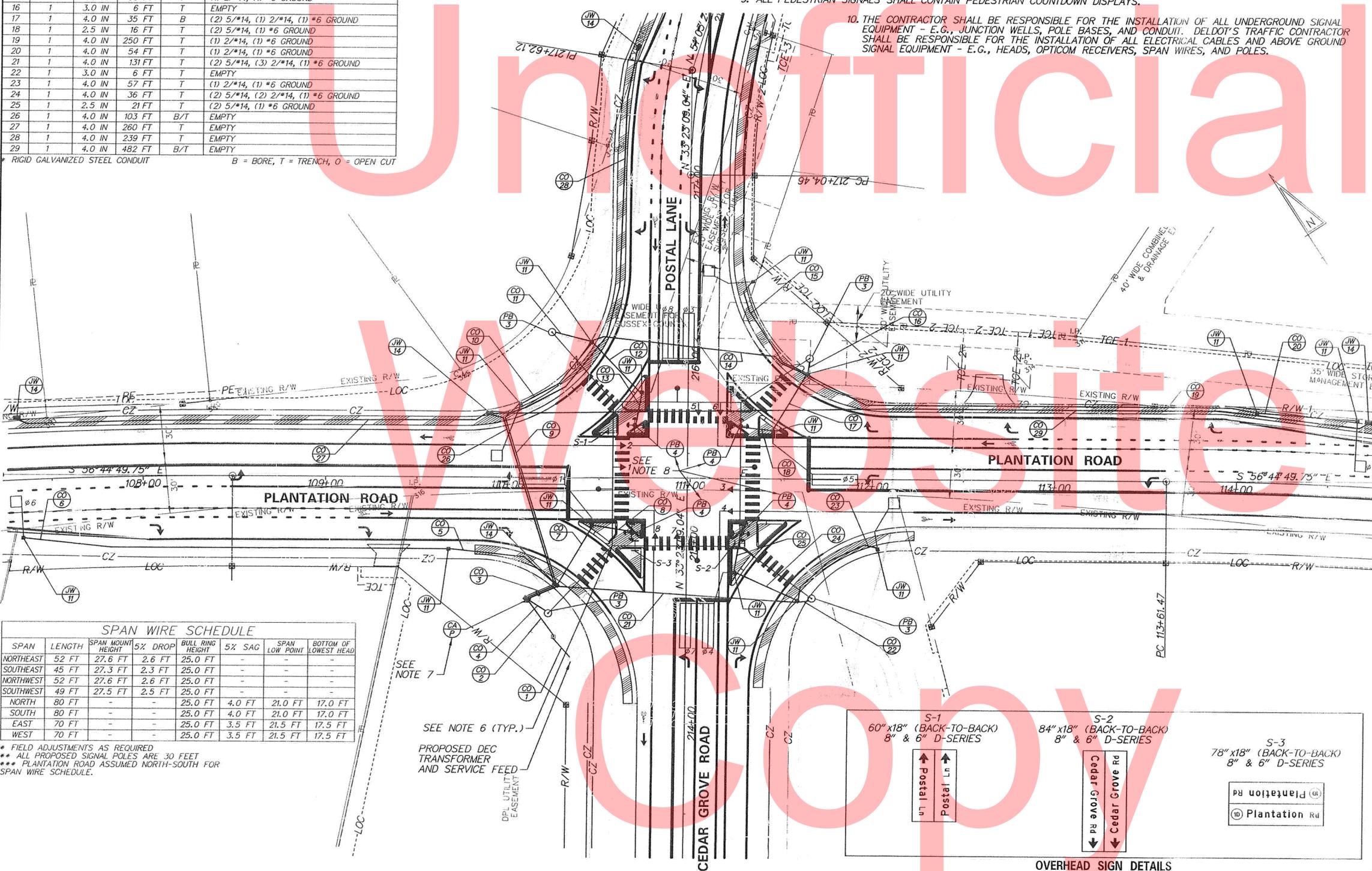
GENERAL SIGNAL NOTES

- PROPOSED LOOP DETECTORS: TYPE #1 - 6' x 6' - TO BE INSTALLED ON PLANTATION ROAD THROUGH MOVEMENTS. TYPE #2 - 6' x 25' - TO BE INSTALLED ON PLANTATION ROAD LEFT-TURN MOVEMENTS. TYPE #3 - 6' x 25' - TO BE INSTALLED ON POSTAL LANE AND CEDAR GROVE ROAD THROUGH AND LEFT-TURN MOVEMENTS. SYSTEM - 6' x 6' - TO BE INSTALLED IN PLANTATION ROAD AND POSTAL LANE RECEIVING LANES, AS SHOWN.
- ALL SIGNAL POLES SHALL BE 30 FEET.
- ALL GALVANIZED CONDUIT (GRC) SHALL BE REAMED AND THREADED. ALL CRC 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.
- ALL CONDUITS SHALL BE SCHEDULE 80 PVC WHEN RELATED BY TRENCHING AND SCHEDULE 80 HDPE WHEN INSTALLED BY BORING, UNLESS OTHERWISE NOTED.

SPAN WIRE SCHEDULE

SPAN	LENGTH	SPAN MOUNT HEIGHT	5% DROP	BULL RING HEIGHT	5% SAG	SPAN LOW POINT	BOTTOM OF LOWEST HEAD
NORTHEAST	52 FT	27.6 FT	2.6 FT	25.0 FT	-	-	-
SOUTHEAST	45 FT	27.3 FT	2.3 FT	25.0 FT	-	-	-
NORTHWEST	52 FT	27.6 FT	2.6 FT	25.0 FT	-	-	-
SOUTHWEST	49 FT	27.5 FT	2.5 FT	25.0 FT	-	-	-
NORTH	80 FT	-	-	25.0 FT	4.0 FT	21.0 FT	17.0 FT
SOUTH	80 FT	-	-	25.0 FT	4.0 FT	21.0 FT	17.0 FT
EAST	70 FT	-	-	25.0 FT	3.5 FT	21.5 FT	17.5 FT
WEST	70 FT	-	-	25.0 FT	3.5 FT	21.5 FT	17.5 FT

* FIELD ADJUSTMENTS AS REQUIRED
 ** ALL PROPOSED SIGNAL POLES ARE 30 FEET
 *** PLANTATION ROAD ASSUMED NORTH-SOUTH FOR SPAN WIRE SCHEDULE.



RECOMMENDED DATE: _____ DATE: _____ DATE: 6/17/14 APPROVED TRAFFIC ENGINEER DATE: 4/14

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUM / REVISIONS

SCALE 0 30 60 90 FEET

HSP, SC, PLANTATION ROAD AT CEDAR GROVE RD / POSTAL LANE INTERSECTION IMPROVEMENTS

CONTRACT T200911201 COUNTY SUSSEX

PERMIT NO. S328 DESIGNED BY: D.W.C. (WR&A) CHECKED BY: M.J.B. (WR&A)

SIGNAL PLAN PLANTATION ROAD @ CEDAR GROVE ROAD / POSTAL LANE

SHEET NO. 51 TOTAL SHS. 51

APPROVED FOR INSTALLATION CHIEF TRAFFIC ENGINEER DATE: 6/18/14